

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118925.D
 Acq On : 13 Feb 2020 17:57
 Operator : CG/JU
 Sample : L1493-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Manual Integrations
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 2/17/2020 3:46:06 PM

Quant Time: Feb 14 01:08:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	221154	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	831794	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	453327	20.00	ng	-0.03
64) Phenanthrene-d10	11.32	188	874902	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	784247	20.00	ng	-0.02
87) Perylene-d12	15.39	264	766804	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1356604	116.12	ng	0.00
7) Phenol-d6	6.44	99	1724858	118.93	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1359080	97.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	715073	131.83	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	2628169	103.64	ng	-0.03
79) Terphenyl-d14	12.90	244	3201178	83.84	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	234710	44.082	ng	# 84
3) Pyridine	3.40	79	539220	36.472	ng	99
4) n-Nitrosodimethylamine	3.30	42	265363	49.298	ng	96
6) Aniline	6.46	93	198361	10.619	ng	# 19
8) 2-Chlorophenol	6.59	128	697975	53.637	ng	98
9) Benzaldehyde	6.35	77	281553	31.225	ng	99
10) Phenol	6.45	94	683568	42.389	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	658366	53.363	ng	99
12) 1,3-Dichlorobenzene	6.73	146	749891	48.413	ng	100
13) 1,4-Dichlorobenzene	6.81	146	756988	48.994	ng	100
14) 1,2-Dichlorobenzene	6.96	146	701197	47.509	ng	97
15) Benzyl Alcohol	6.94	79	573842	51.189	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	761440	50.398	ng	89
17) 2-Methylphenol	7.06	107	543366	50.223	ng	97
18) Hexachloroethane	7.30	117	262838	47.398	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	442903	49.912	ng	99
20) 3+4-Methylphenols	7.21	107	654379	48.255	ng	89
22) Acetophenone	7.20	105	894106	49.475	ng	# 97
24) Nitrobenzene	7.37	77	724260	51.952	ng	99
25) Isophorone	7.62	82	1274604	50.821	ng	100
26) 2-Nitrophenol	7.69	139	386237	51.993	ng	99
27) 2,4-Dimethylphenol	7.73	122	586434	58.114	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	797891	49.061	ng	99
29) 2,4-Dichlorophenol	7.94	162	610294	50.500	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	680670	48.187	ng	99
31) Naphthalene	8.10	128	1967683	51.723	ng	99
32) Benzoic acid	7.85	122	194662	23.299	ng	97
33) 4-Chloroaniline	8.15	127	82855	4.868	ng	99
34) Hexachlorobutadiene	8.22	225	384324	44.410	ng	97
35) Caprolactam	8.51	113	143644m	36.666	ng	
36) 4-Chloro-3-methylphenol	8.64	107	600688	49.391	ng	98
37) 2-Methylnaphthalene	8.79	142	1353633	51.304	ng	98
38) 1-Methylnaphthalene	8.89	142	1275391	51.385	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	674591	49.306	ng	99

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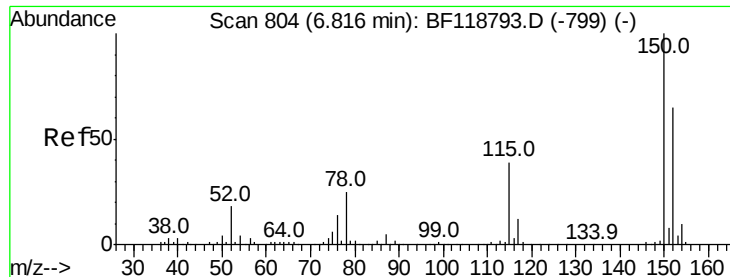
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Quant Time: Feb 14 01:08:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	424819	79.186	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	433146	47.343	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	477945	51.127	nq	98
46) 1,1'-Biphenyl	9.25	154	1624921	51.817	nq	99
47) 2-Chloronaphthalene	9.27	162	1301538	49.926	nq	99
48) 2-Nitroaniline	9.37	65	379875	50.522	nq	98
49) Acenaphthylene	9.69	152	2008588	53.362	nq	99
50) Dimethylphthalate	9.56	163	1507017	48.822	nq	99
51) 2,6-Dinitrotoluene	9.62	165	358876	50.812	nq	97
52) Acenaphthene	9.86	154	1182325	47.667	nq	99
53) 3-Nitroaniline	9.78	138	85107	10.865	nq	99
54) 2,4-Dinitrophenol	9.89	184	170557	50.233	nq	95
55) Dibenzofuran	10.04	168	1800453	50.228	nq	96
56) 4-Nitrophenol	9.96	139	493628	87.076	nq	91
57) 2,4-Dinitrotoluene	10.02	165	483131	51.690	nq	# 86
58) Fluorene	10.38	166	1381294	51.221	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	409427	50.150	nq	99
60) Diethylphthalate	10.25	149	1407525	46.894	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	707384	48.369	nq	98
62) 4-Nitroaniline	10.40	138	340624	43.425	nq	98
63) Azobenzene	10.53	77	1342759	52.401	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	195868	39.841	nq	95
66) n-Nitrosodiphenylamine	10.49	169	1280019	50.509	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	485562	46.915	nq	99
68) Hexachlorobenzene	10.93	284	556329	46.864	nq	94
69) Atrazine	11.02	200	462374	54.764	nq	100
70) Pentachlorophenol	11.13	266	523611	83.535	nq	99
71) Phenanthrene	11.34	178	2143349	49.791	nq	99
72) Anthracene	11.39	178	2201625	51.411	nq	99
73) Carbazole	11.54	167	2017762	53.689	nq	99
74) Di-n-butylphthalate	11.87	149	2164532	45.212	nq	99
75) Fluoranthene	12.53	202	2391117	50.876	nq	98
77) Benzdine	12.64	184	857507	36.151	nq	98
78) Pyrene	12.76	202	2455088	45.632	nq	100
80) Butylbenzylphthalate	13.37	149	1000121	40.727	nq	98
81) Benzo(a)anthracene	13.94	228	2253310	48.285	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	190963	10.005	nq	99
83) Chrysene	13.98	228	2170224	46.335	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1240752	39.825	nq	99
85) Di-n-octyl phthalate	14.54	149	2168983	40.638	nq	100
86) Indeno(1,2,3-cd)pyrene	16.83	276	2269474	48.226	nq	99
88) Benzo(b)fluoranthene	14.98	252	2212569	46.500	nq	100
89) Benzo(k)fluoranthene	15.01	252	2147482	51.829	nq	98
90) Benzo(a)pyrene	15.34	252	1980272	48.631	nq	99
91) Dibenzo(a,h)anthracene	16.84	278	1864167	51.569	nq	99
92) Benzo(g,h,i)perylene	17.26	276	1960931	56.405	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

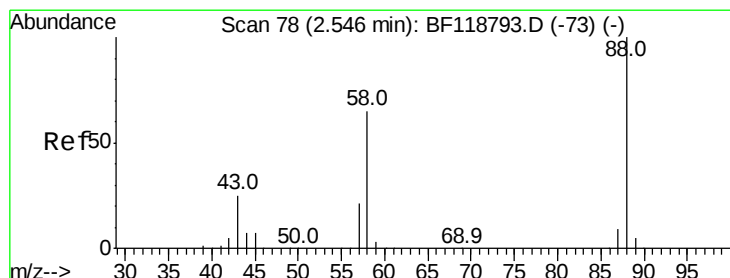
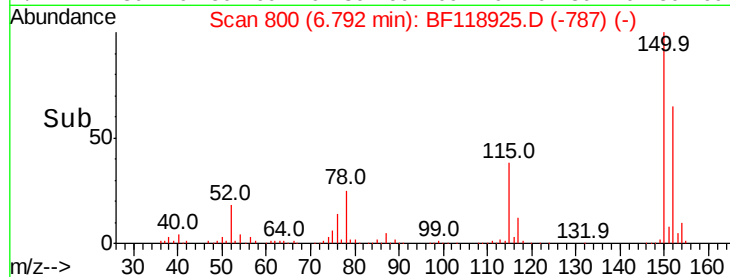
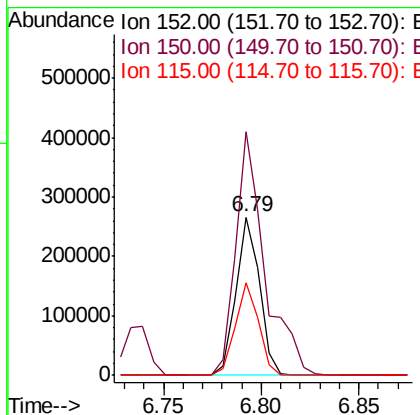
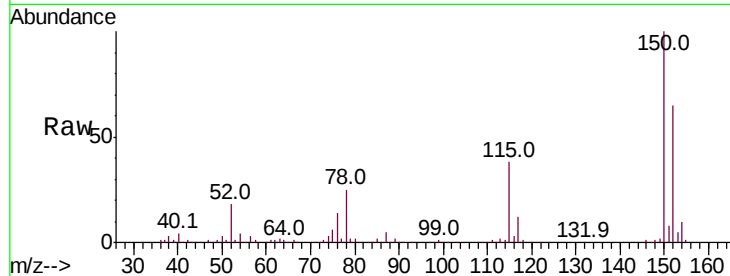
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.6	185.4
115	59.0	48.2	72.2

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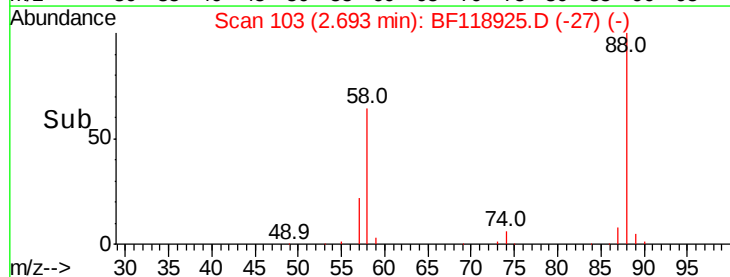
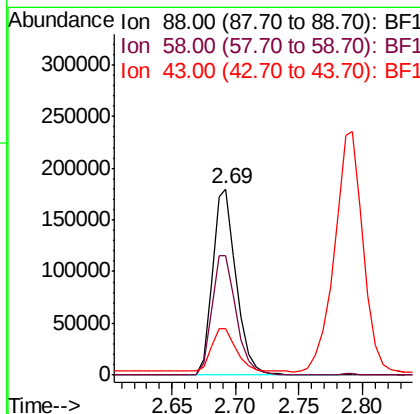
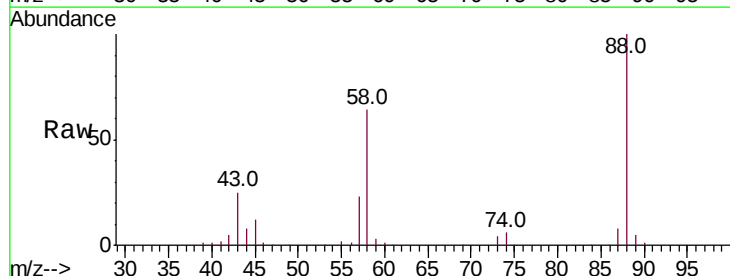
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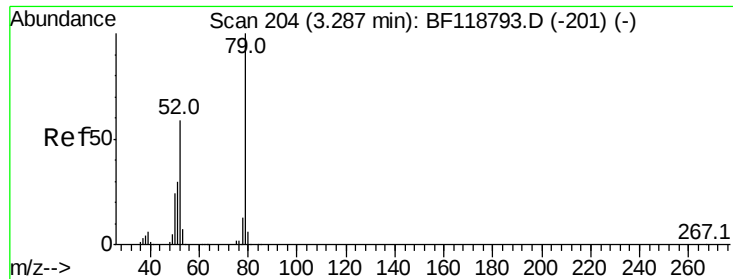


#2

1,4-Dioxane
Concen: 44.082 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.15 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	51.6	77.4
43	0.0	19.8	29.6





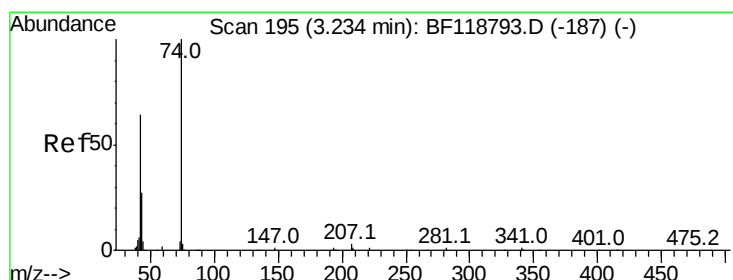
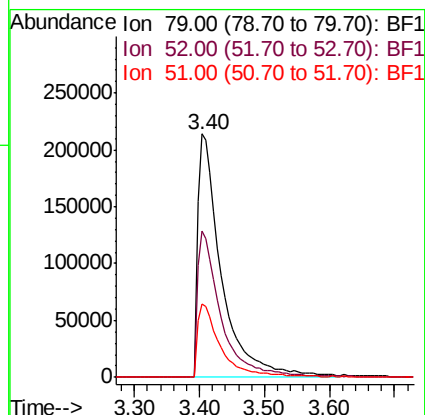
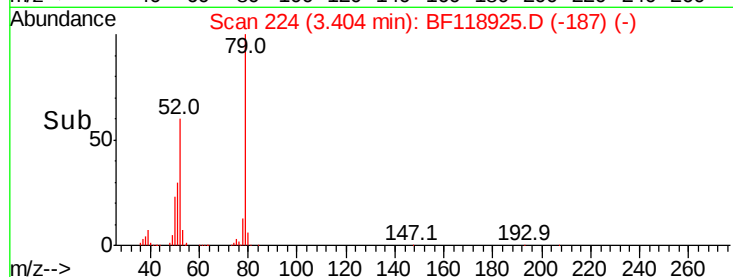
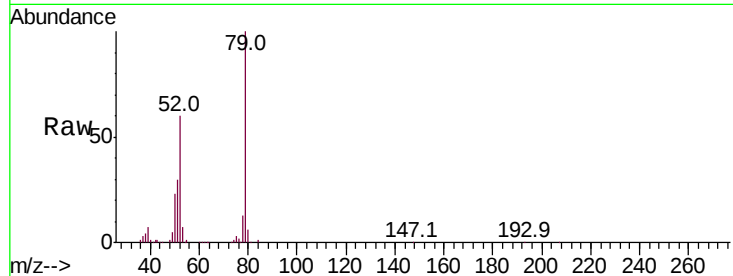
#3
 Pvridine
 Concen: 36.472 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.12 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.3	47.4	71.0
51	30.0	24.2	36.4

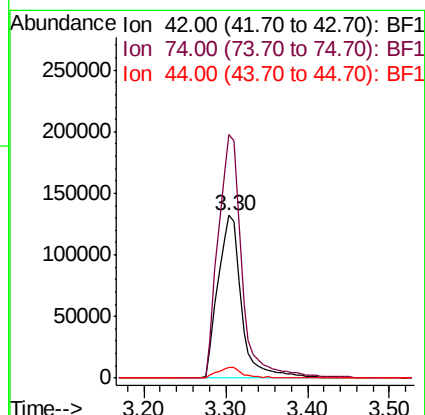
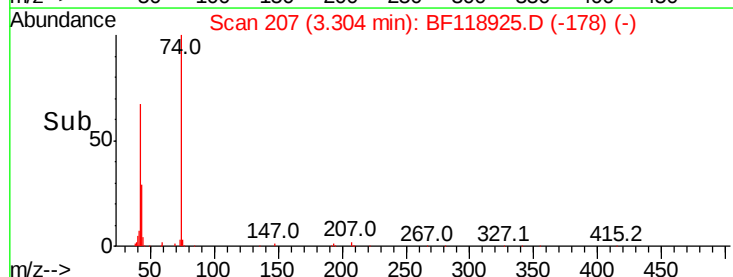
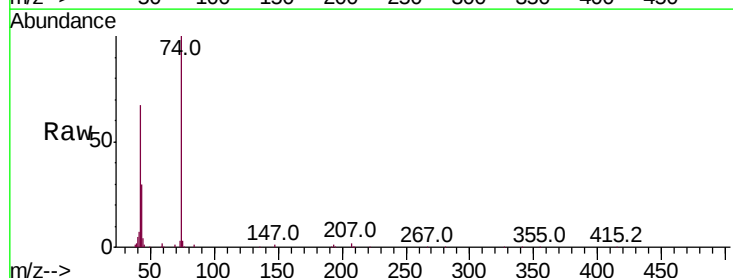
Manual Integrations
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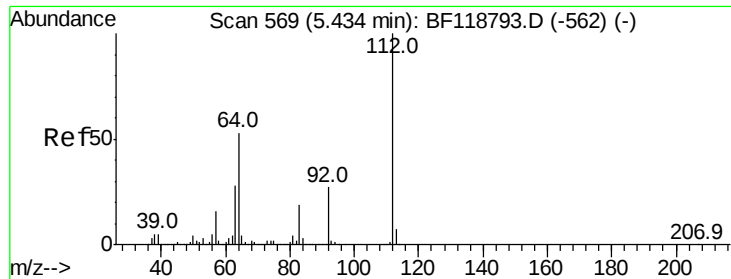
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#4
 n-Nitrosodimethylamine
 Concen: 49.298 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.07 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.9	124.3	186.5
44	6.6	5.3	7.9





#5

2-Fluorophenol

Concen: 116.116 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:112 Resp: 1356604

Ion Ratio Lower Upper

112 100

64 56.6 42.6 63.8

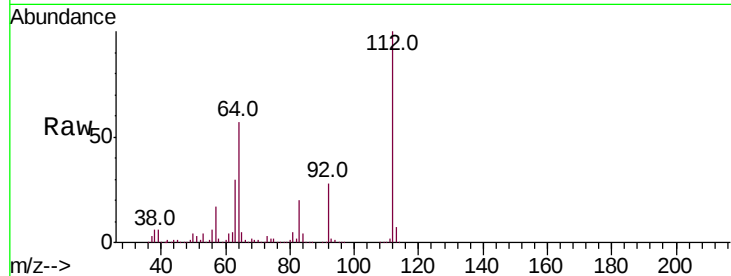
63 29.8 22.2 33.4

Manual Integrations

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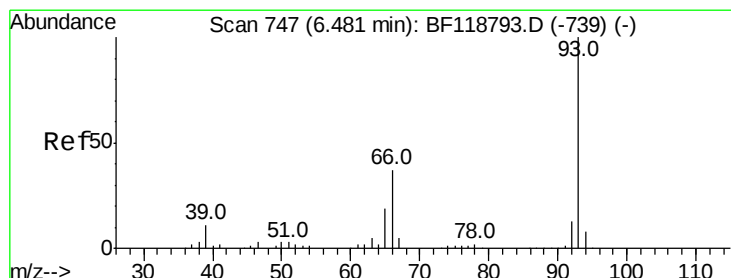
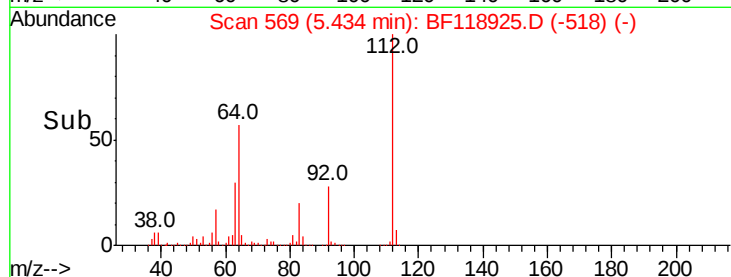
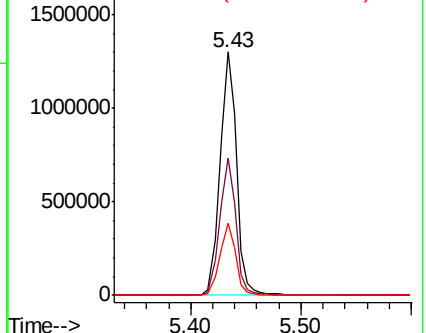
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.619 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

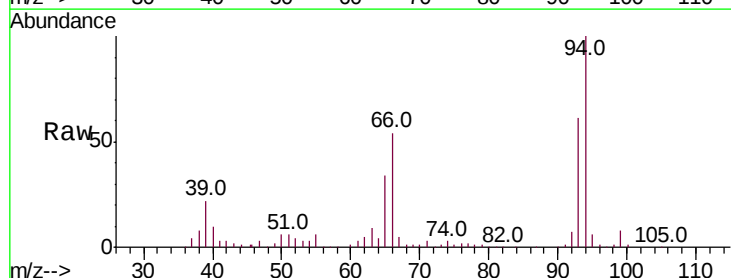
Tgt Ion: 93 Resp: 198361

Ion Ratio Lower Upper

93 100

66 87.9 30.8 46.2#

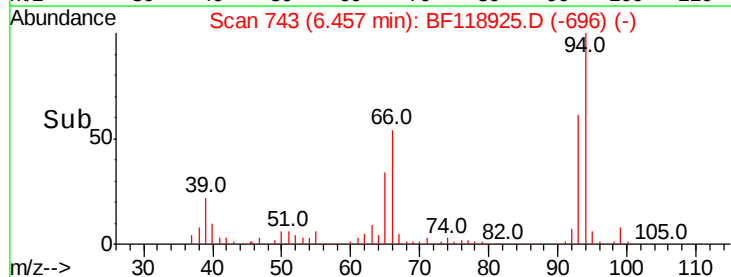
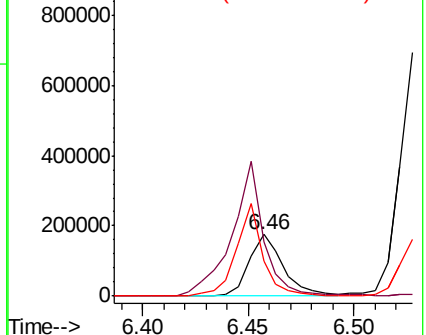
65 55.8 15.4 23.0#

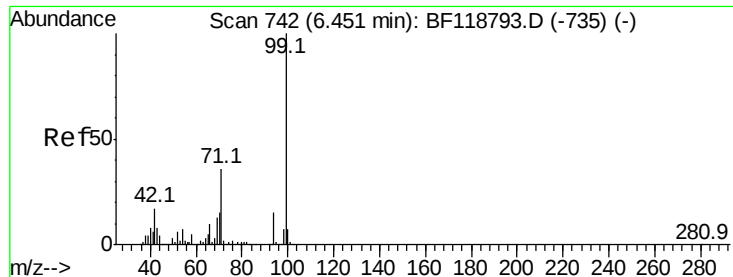


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.931 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion: 99 Resp: 1724858

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.0

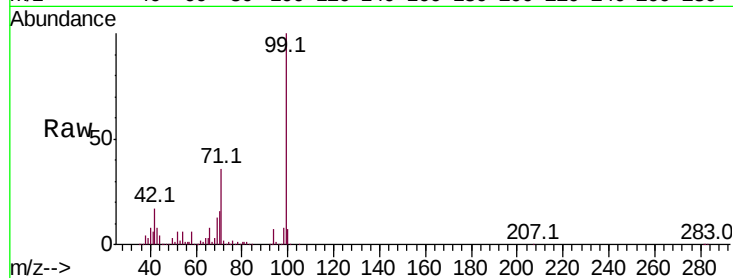
71 35.8 29.0 43.6

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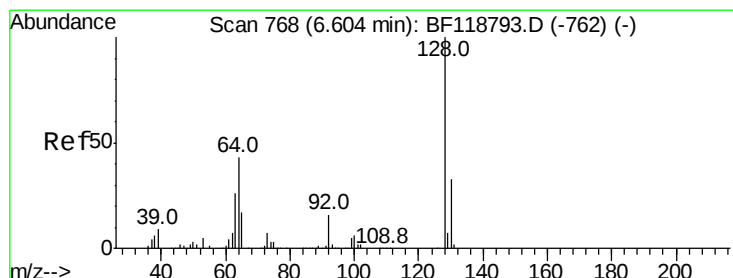
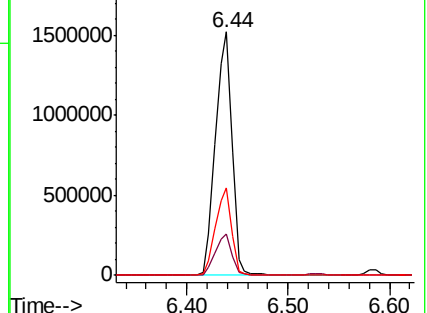
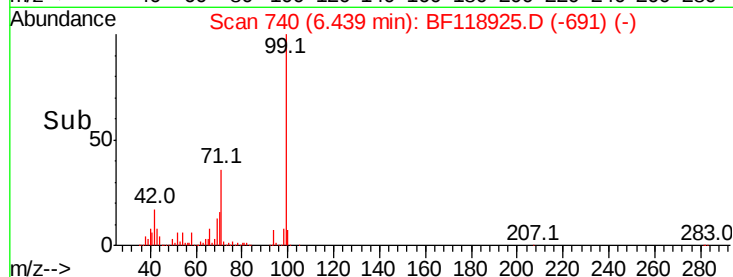
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.637 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

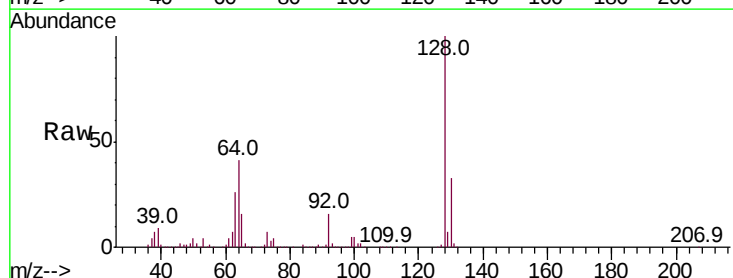
Tgt Ion:128 Resp: 697975

Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

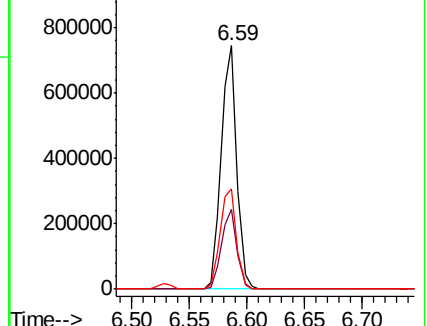
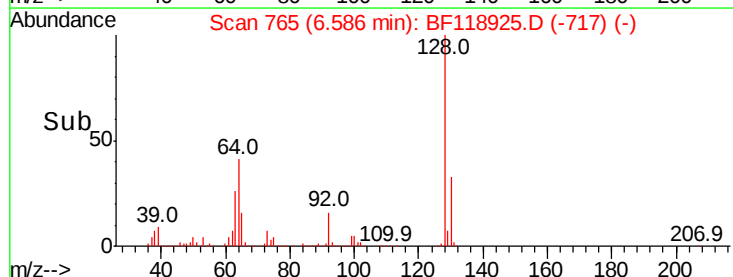
64 41.3 23.0 63.0

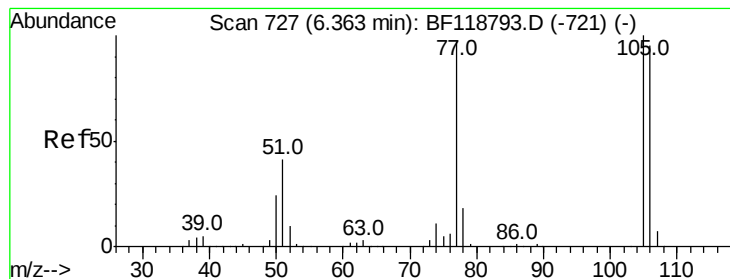


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.225 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

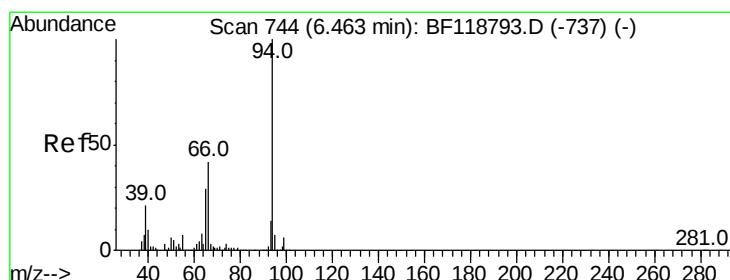
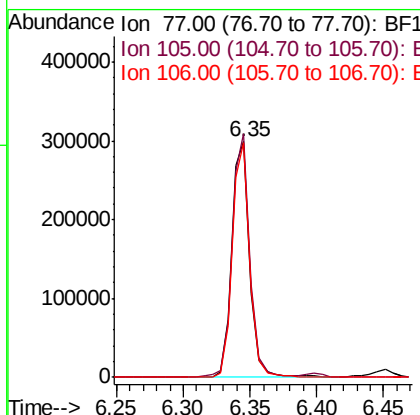
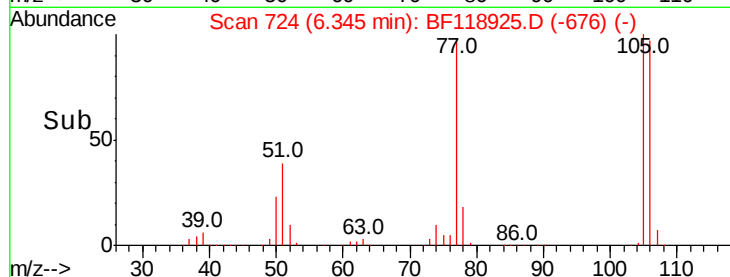
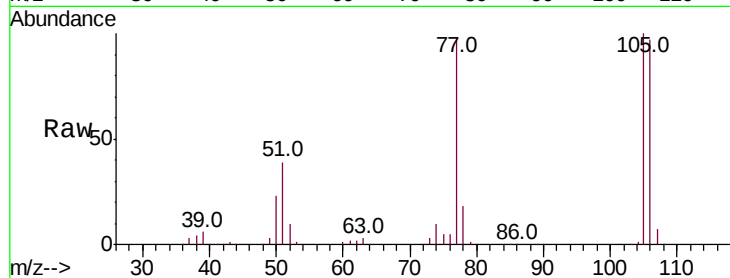
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	77	Resp:	281553
Ion Ratio	Lower	Upper	
77	100		
105	103.4	82.8	122.8
106	99.9	78.1	118.1

Manual Integrations
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#10

Phenol

Concen: 42.389 ng

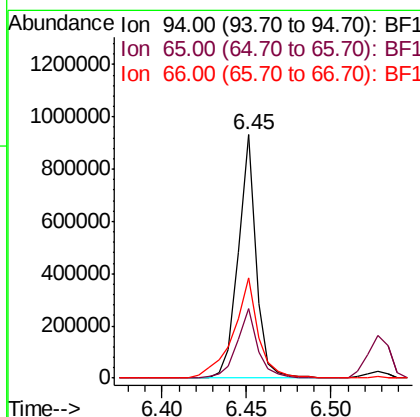
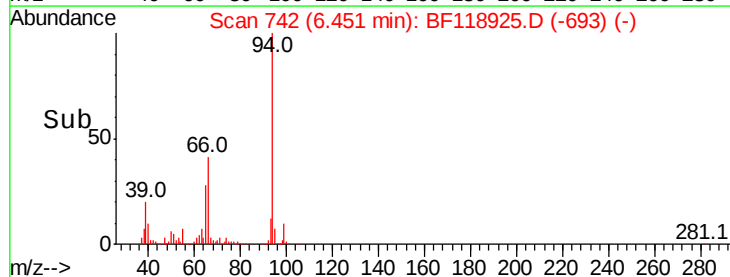
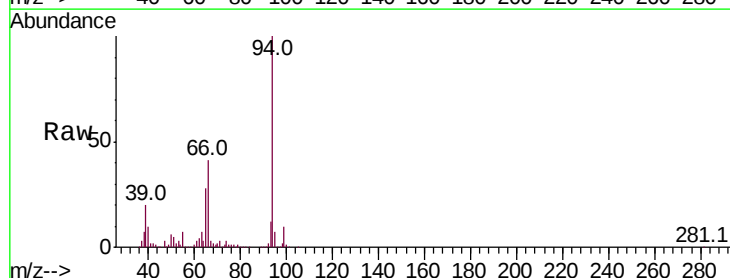
RT: 6.45 min Scan# 742

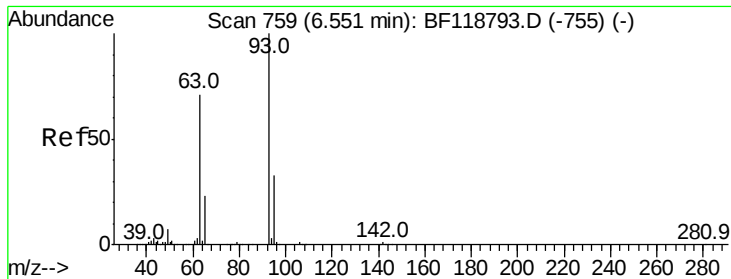
Delta R.T. -0.01 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	94	Resp:	683568
Ion Ratio	Lower	Upper	
94	100		
65	28.5	9.1	49.1
66	41.1	21.7	61.7





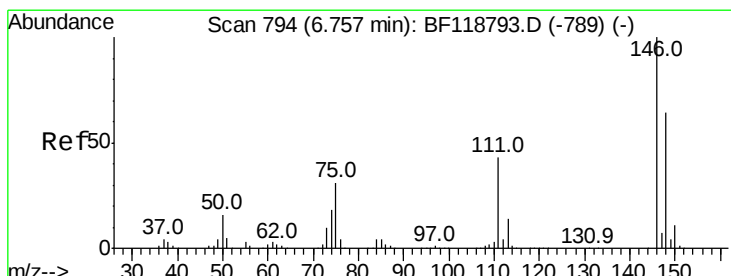
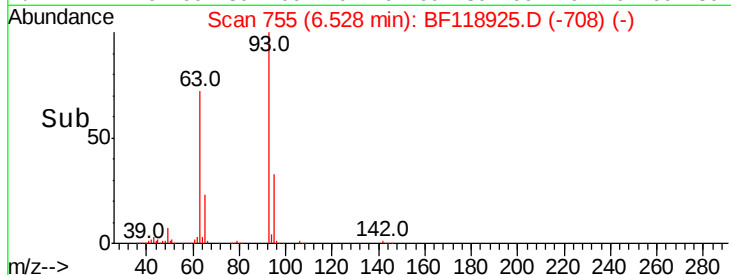
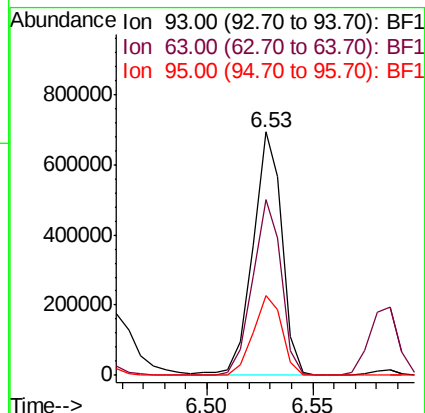
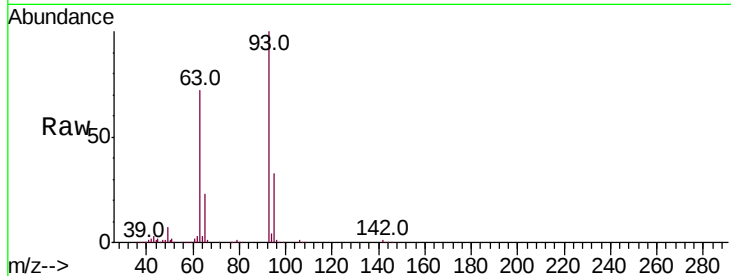
#11
bis(2-Chloroethyl)ether
Concen: 53.363 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	658366		
63	72.2	50.7	90.7	
95	32.7	12.6	52.6	

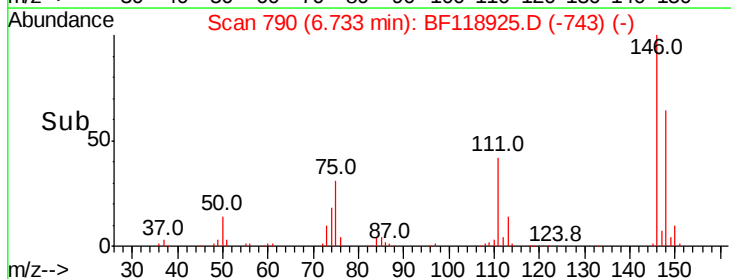
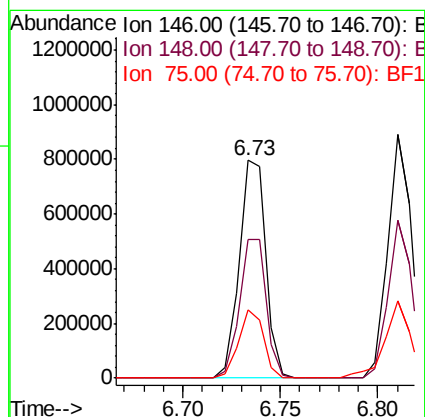
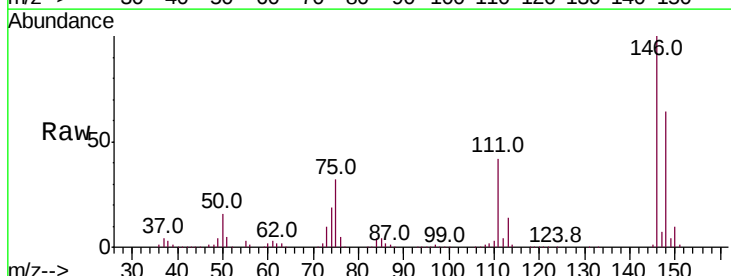
Manual Integrations
APPROVED

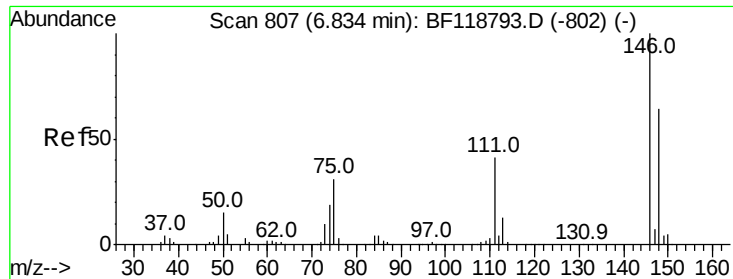
mohammad
2/17/2020 3:46:06 PM



#12
1,3-Dichlorobenzene
Concen: 48.413 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	749891		
148	63.7	51.1	76.7	
75	31.6	25.0	37.4	





#13

1,4-Dichlorobenzene

Concen: 48.994 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

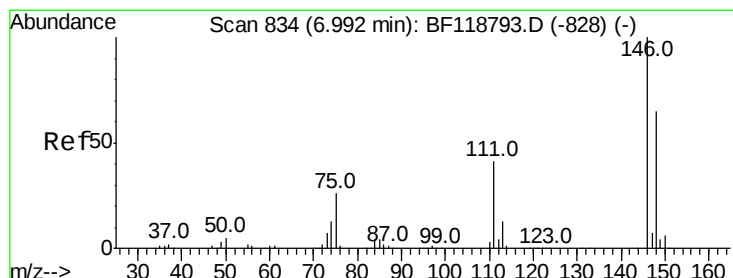
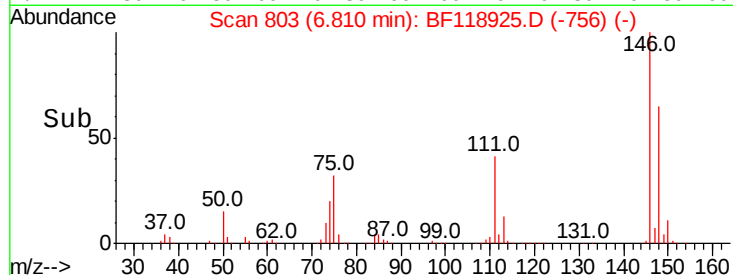
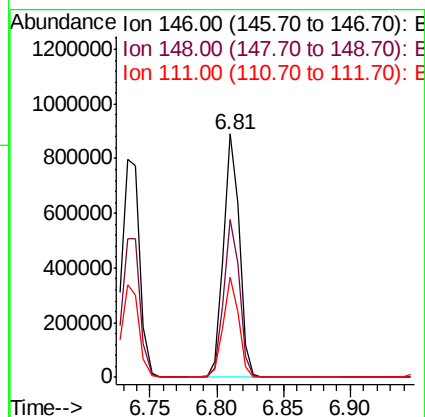
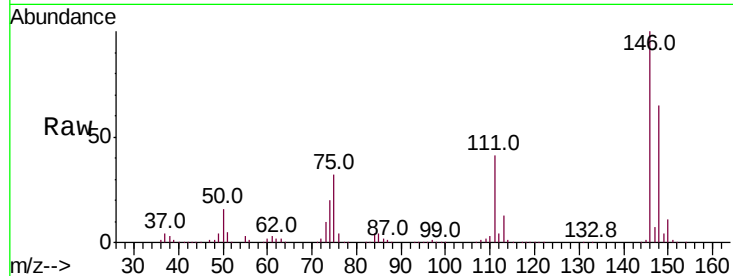
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	146	Resp:	756988
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.6	77.4
111	41.0	32.9	49.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.509 ng

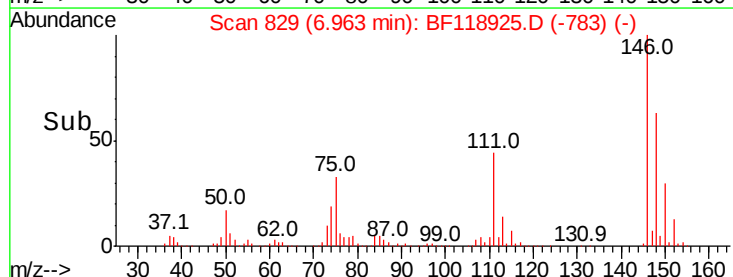
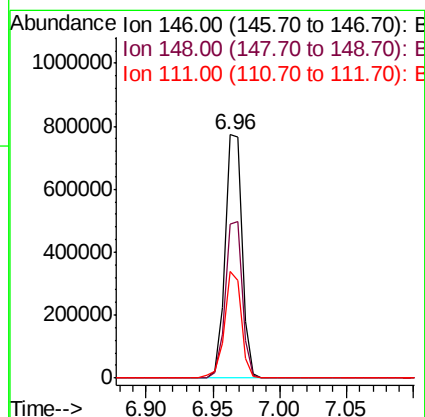
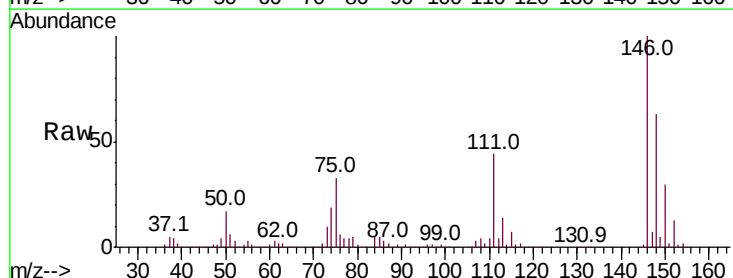
RT: 6.96 min Scan# 829

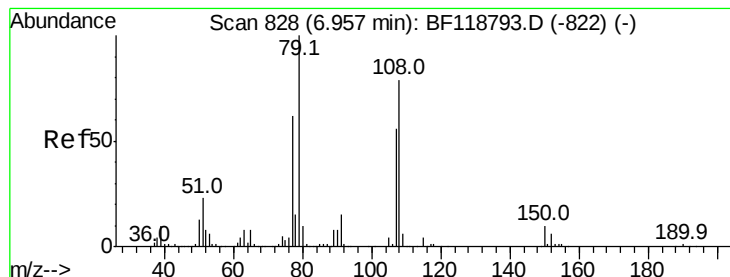
Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	146	Resp:	701197
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.6	77.4
111	43.8	32.7	49.1





#15

Benzyl Alcohol

Concen: 51.189 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion: 79 Resp: 573842

Ion Ratio Lower Upper

79 100

108 80.3 62.9 94.3

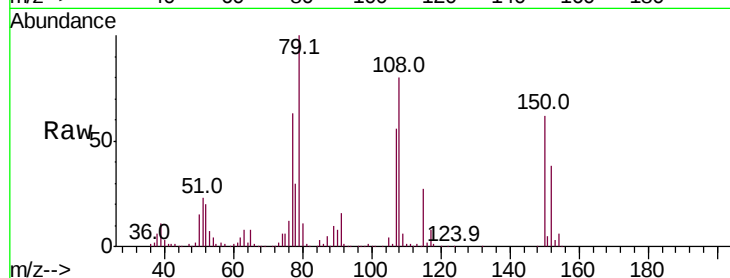
77 63.3 50.0 75.0

Manual Integrations

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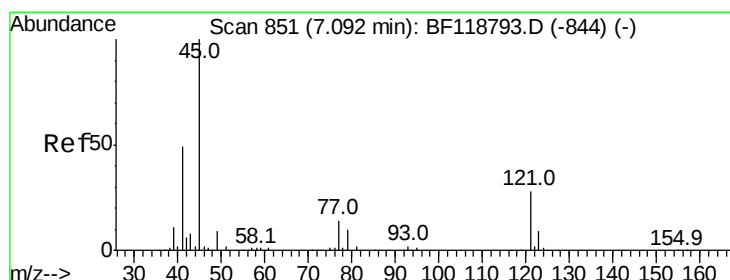
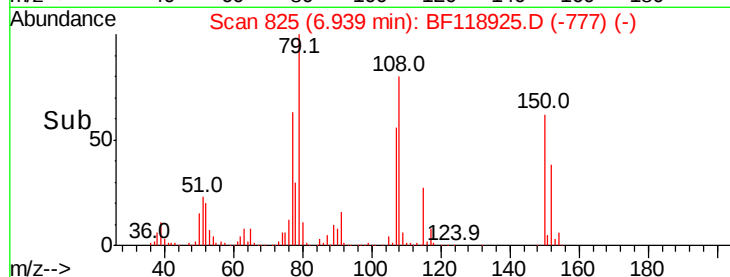
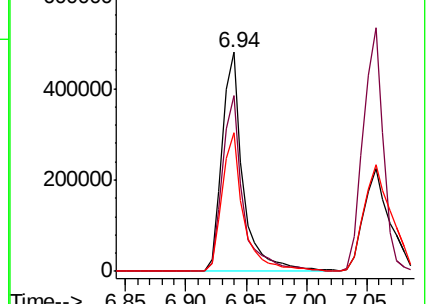
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.398 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

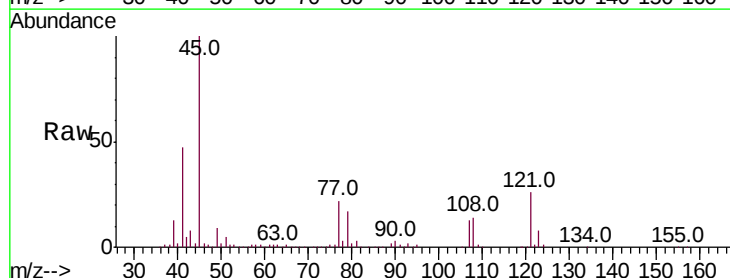
Tgt Ion: 45 Resp: 761440

Ion Ratio Lower Upper

45 100

77 21.8 0.0 37.1

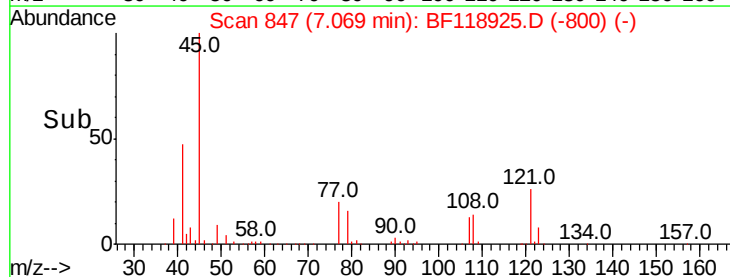
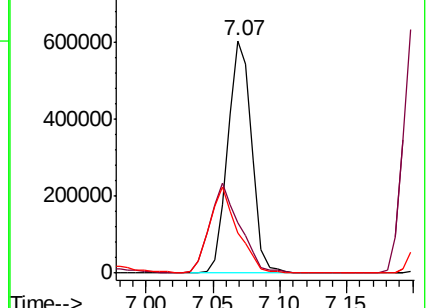
79 17.3 0.0 33.1

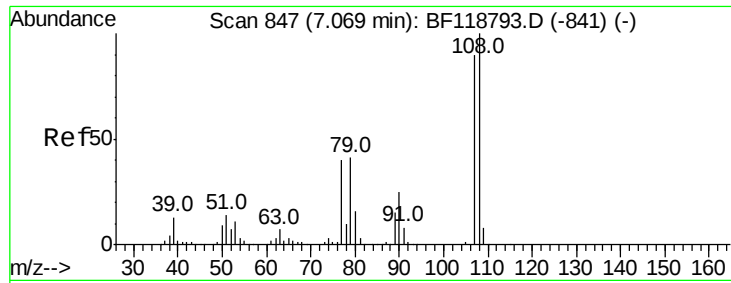


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





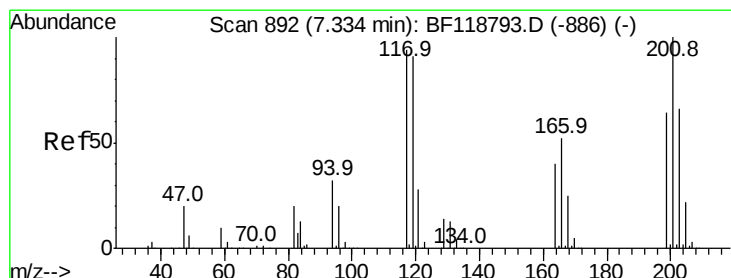
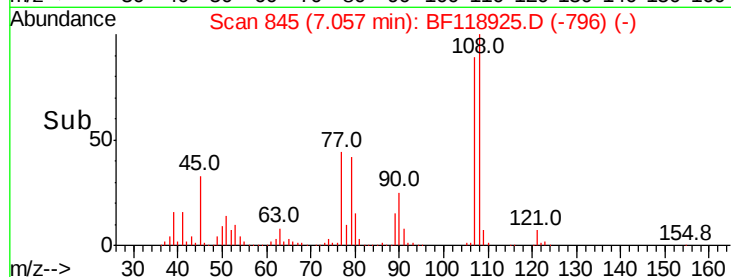
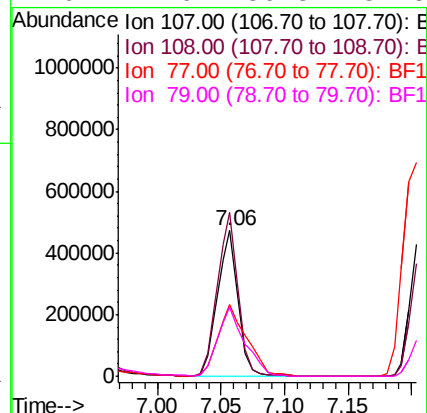
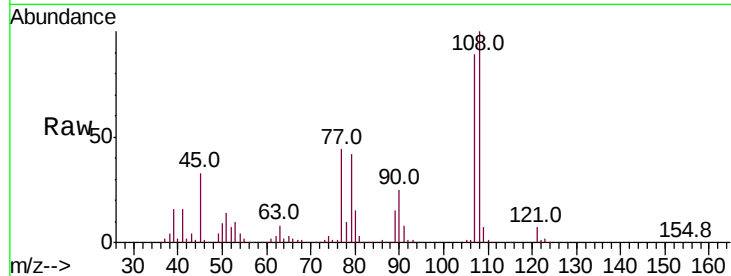
#17
2-Methylphenol
Concen: 50.223 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	89.3	133.9	
77	49.3	36.2	54.2	
79	47.6	36.3	54.5	

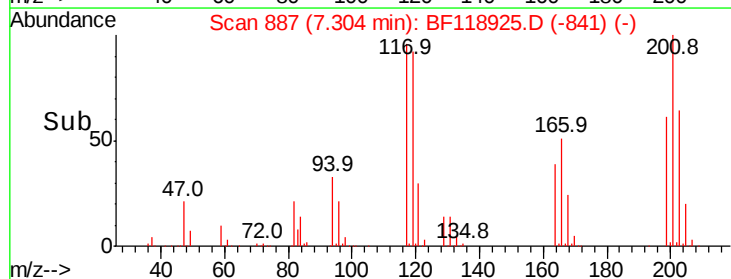
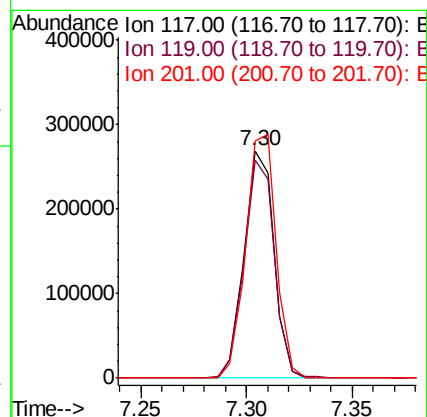
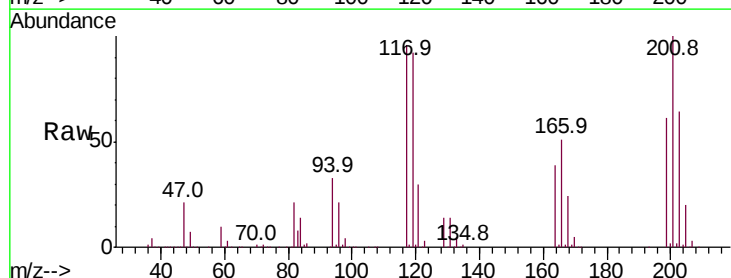
Manual Integrations
APPROVED

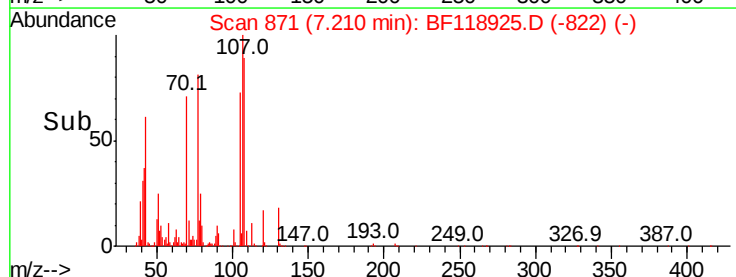
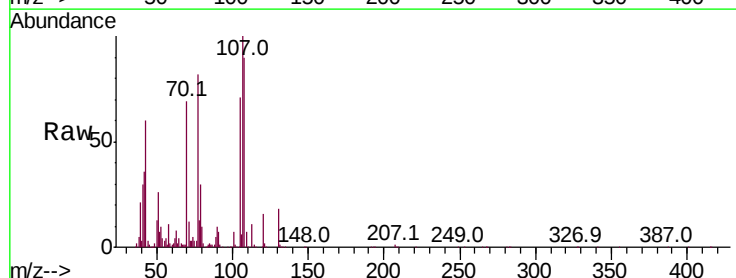
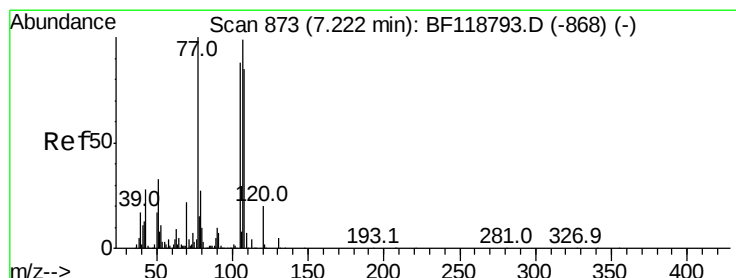
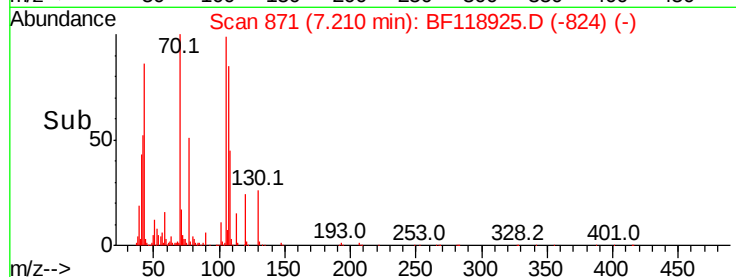
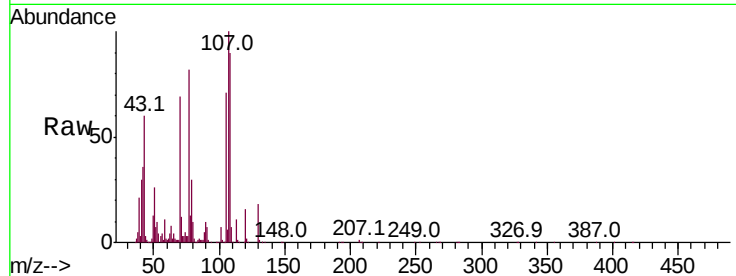
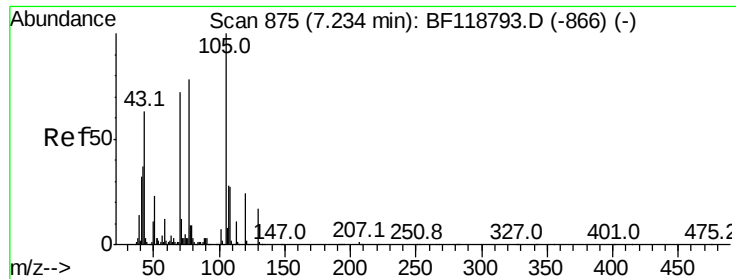
mohammad
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#18
Hexachloroethane
Concen: 47.398 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.4	116.0	
201	104.3	85.1	127.7	





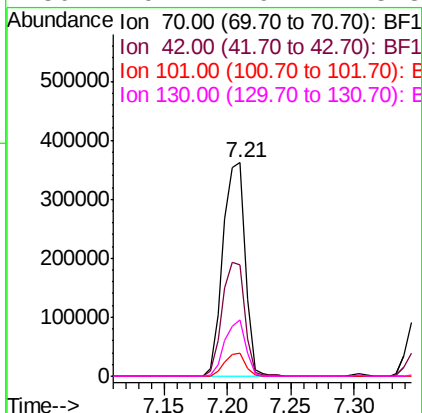
#19
n-Nitroso-di-n-propylamine
Concen: 49.912 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	41.5	62.3
101	10.6	8.3	12.5
130	26.1	19.2	28.8

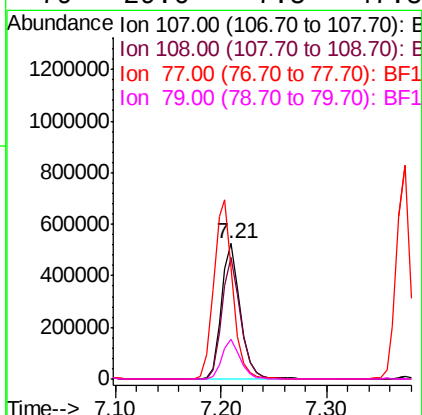
Manual Integrations
APPROVED

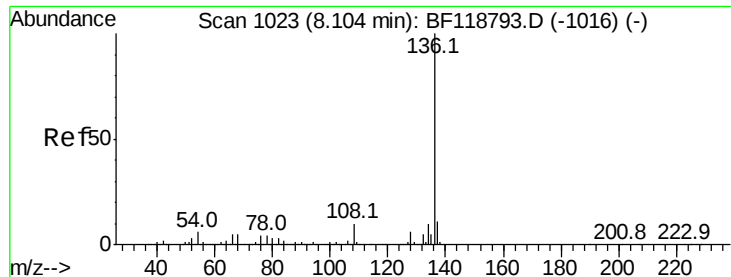
mohammad
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#20
3+4-Methylphenols
Concen: 48.255 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	65.9	105.9
77	82.4	80.9	120.9
79	29.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

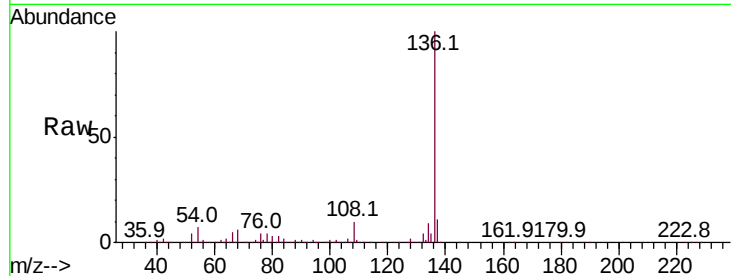
ClientSampleId :

2S-SECTION-FMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	831794		
137	11.1		8.7	13.1
54	6.6		5.0	7.6
68	6.1		4.2	6.4

Manual Integrations
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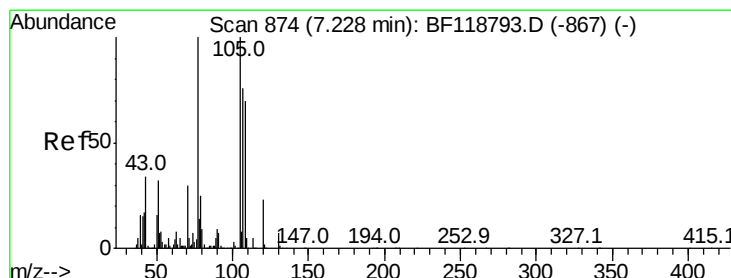
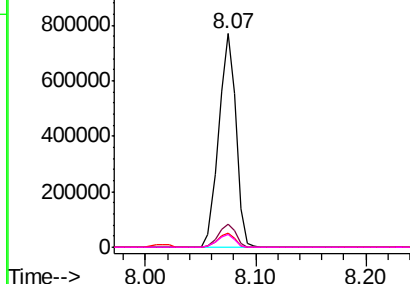
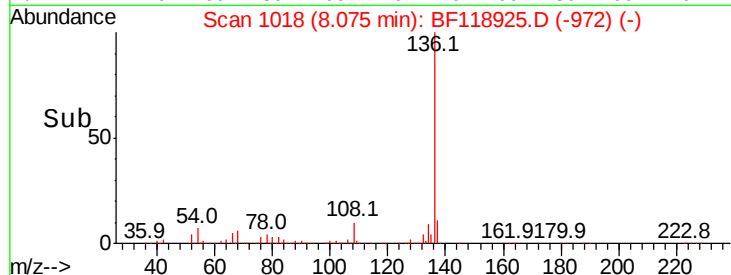
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.475 ng

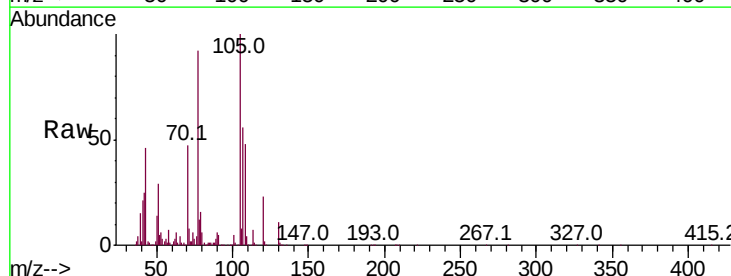
RT: 7.20 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	894106		
71	7.7		4.2	6.4#
51	29.2		25.5	38.3
120	23.2		18.6	28.0



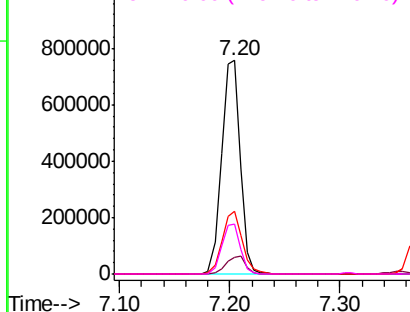
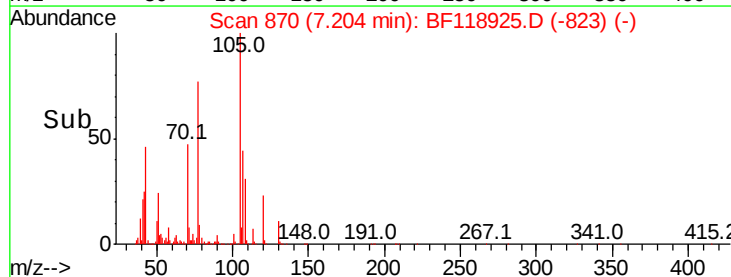
Abundance

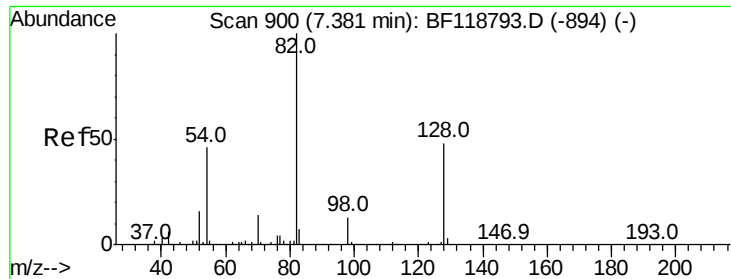
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





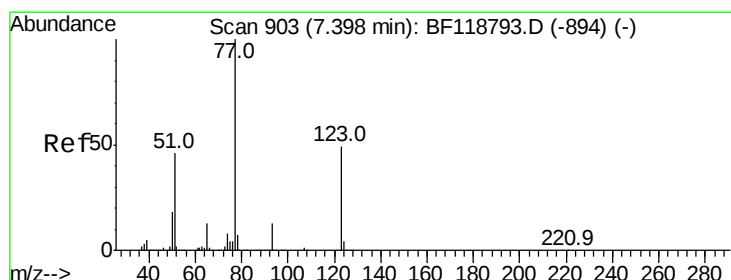
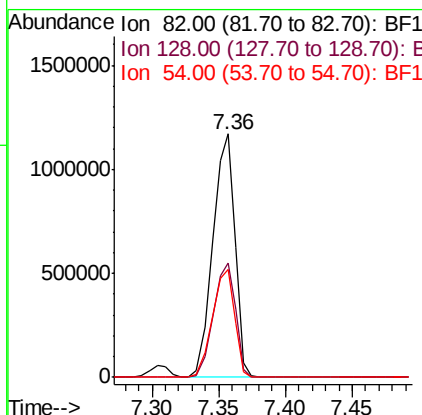
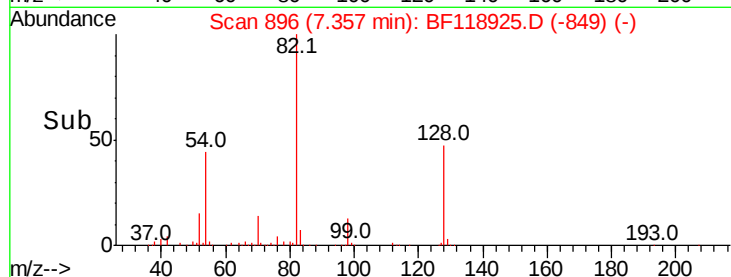
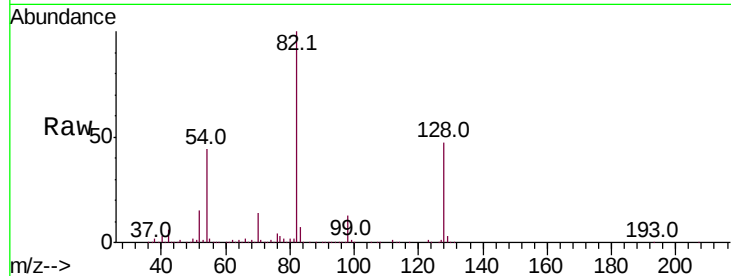
#23
Nitrobenzene-d5
Concen: 97.389 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion: 82 Resp: 1359080
Ion Ratio Lower Upper
82 100
128 47.0 38.5 57.7
54 44.1 36.7 55.1

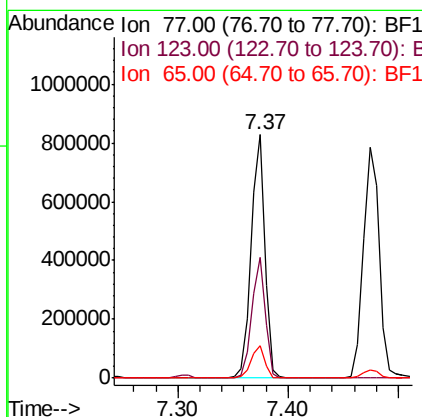
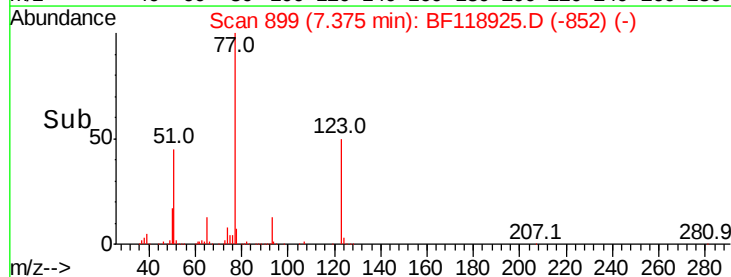
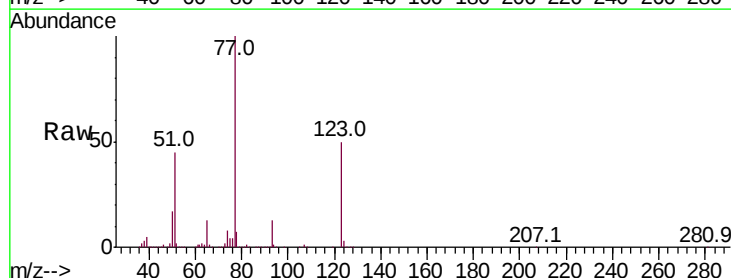
Manual Integrations
APPROVED

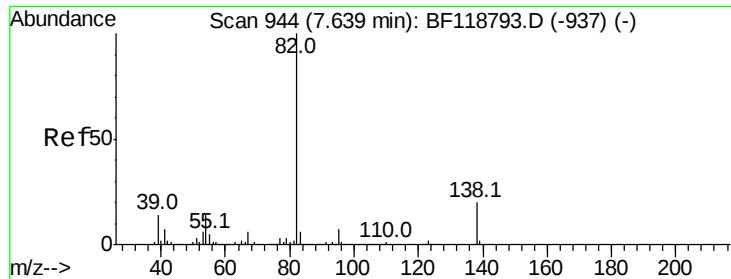
mohammad
2/17/2020 3:46:06 PM



#24
Nitrobenzene
Concen: 51.952 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion: 77 Resp: 724260
Ion Ratio Lower Upper
77 100
123 49.8 39.0 58.4
65 13.1 10.6 15.8





#25

Isophorone

Concen: 50.821 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion: 82 Resp: 1274604

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

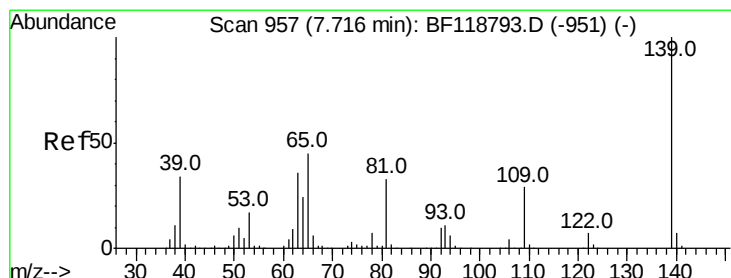
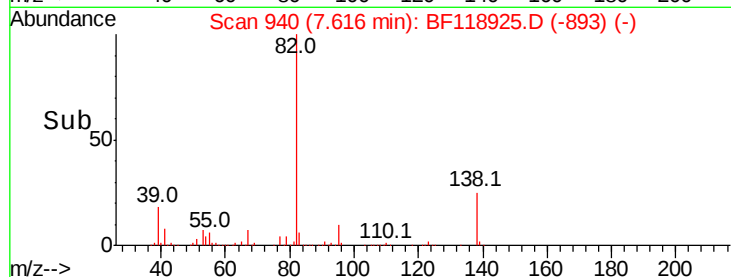
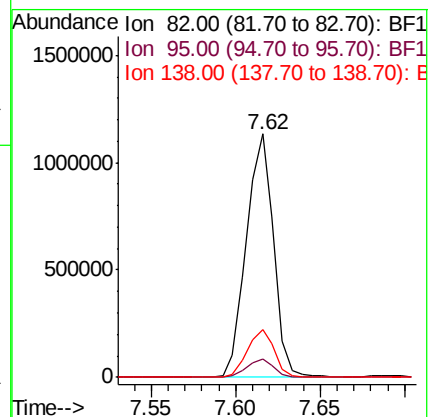
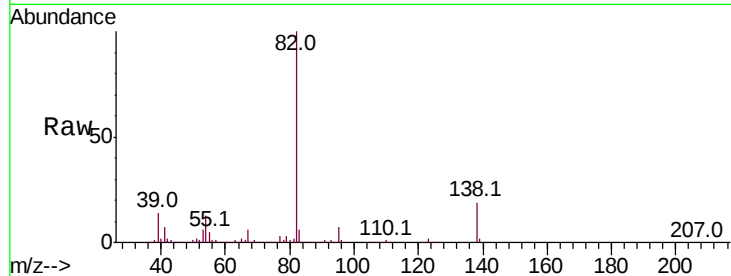
138 19.5 15.7 23.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.993 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

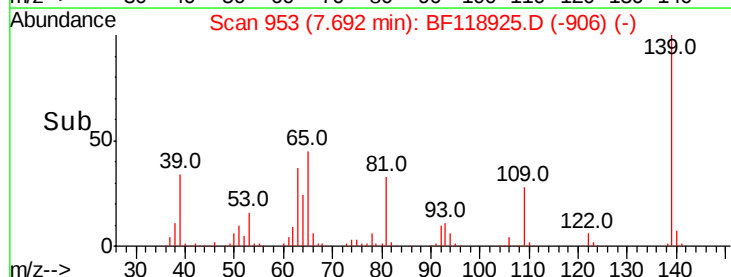
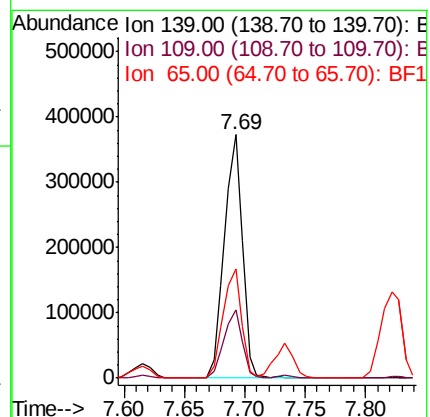
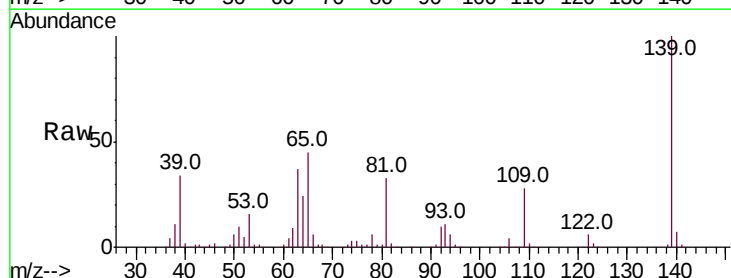
Tgt Ion: 139 Resp: 386237

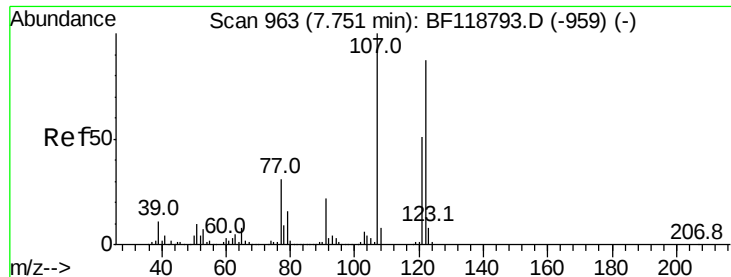
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.0

65 44.6 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 58.114 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

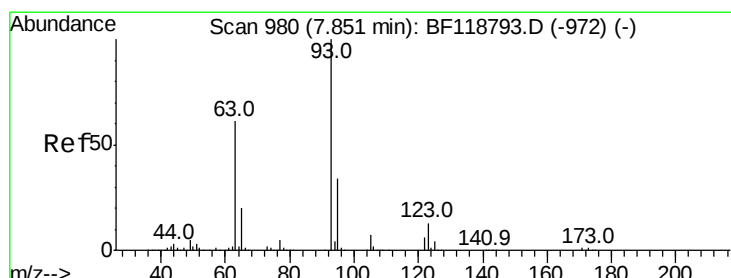
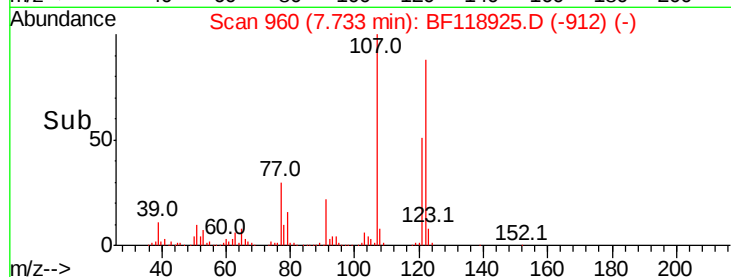
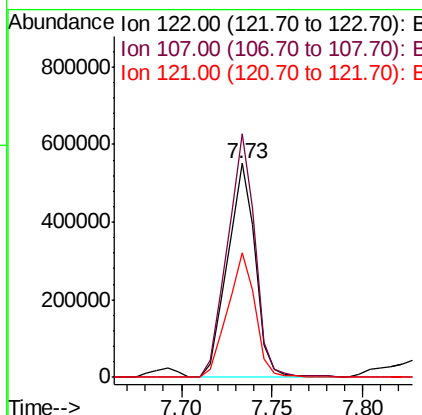
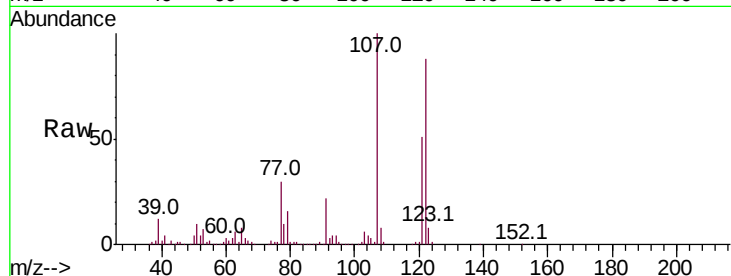
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	122	Resp:	586434
Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.2	138.2
121	58.2	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 49.061 ng

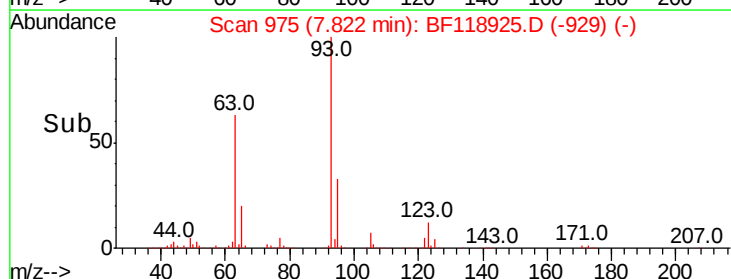
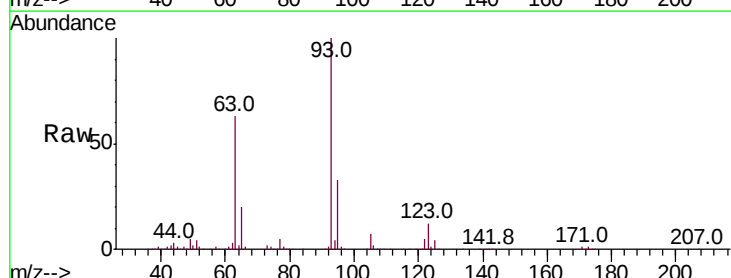
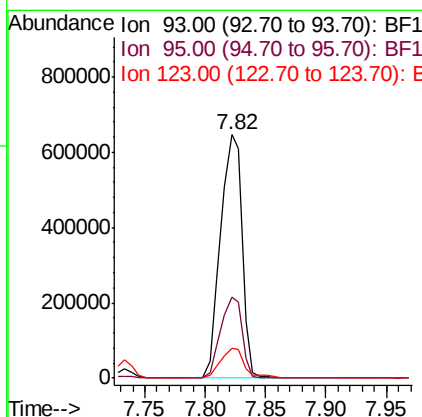
RT: 7.82 min Scan# 975

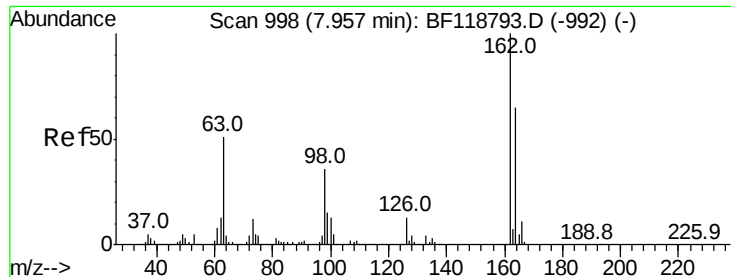
Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	93	Resp:	797891
Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.0	40.4
123	12.3	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 50.500 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF118925.D

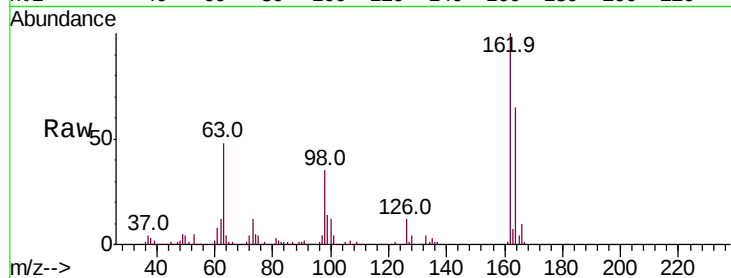
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

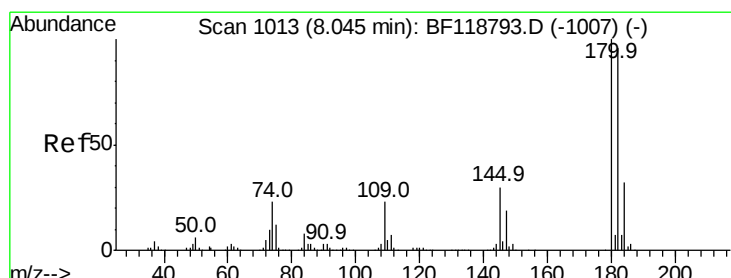
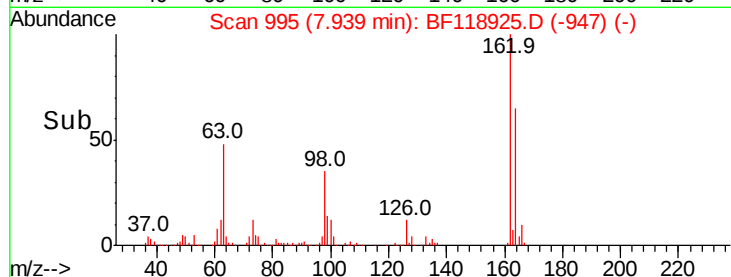
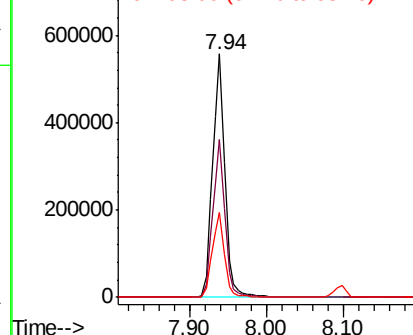
Tot Ion:	162	Resp:	610294
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.8	84.8
98	34.7	16.4	56.4

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 48.187 ng

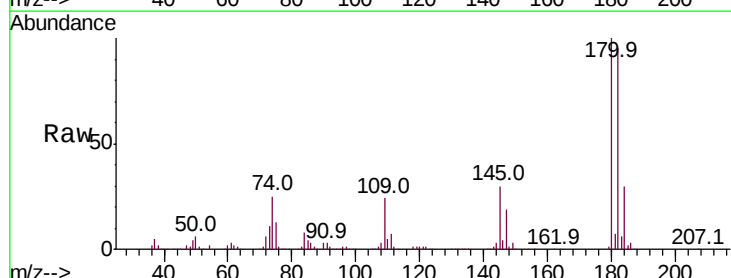
RT: 8.02 min Scan# 1008

Delta R.T. -0.03 min

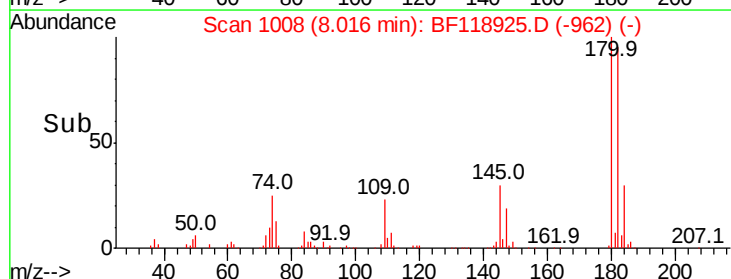
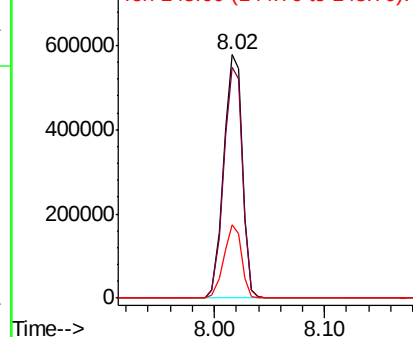
Lab File: BF118925.D

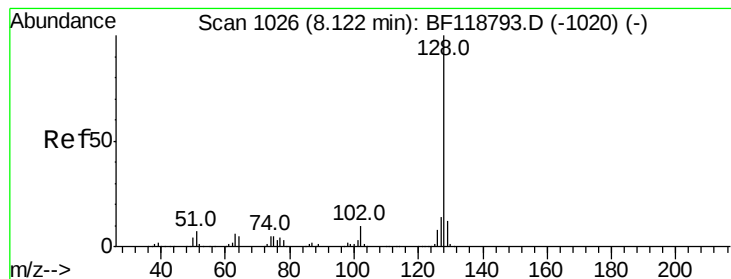
Acq: 13 Feb 2020 17:57

Tgt Ion:	180	Resp:	680670
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	115.0
145	30.0	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.723 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:128 Resp: 1967683

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

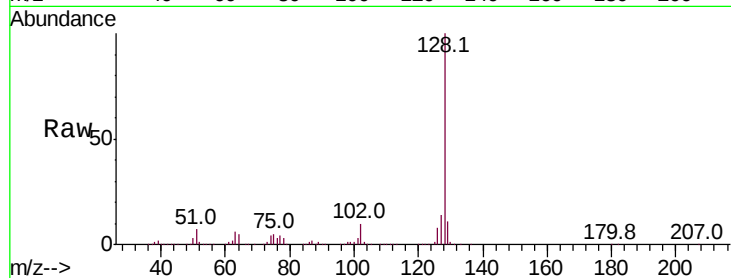
127 13.8 11.3 16.9

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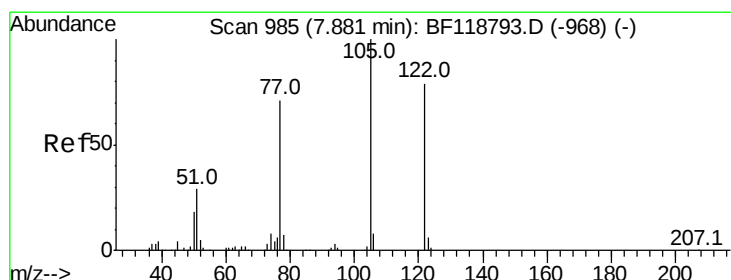
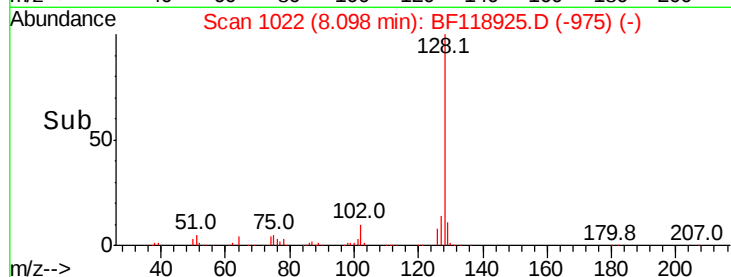
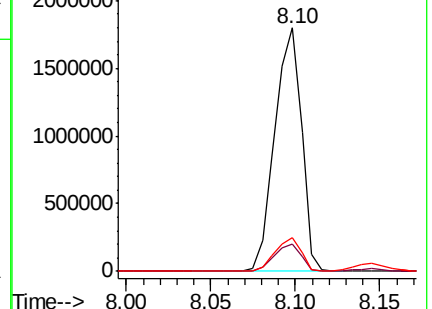
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.299 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

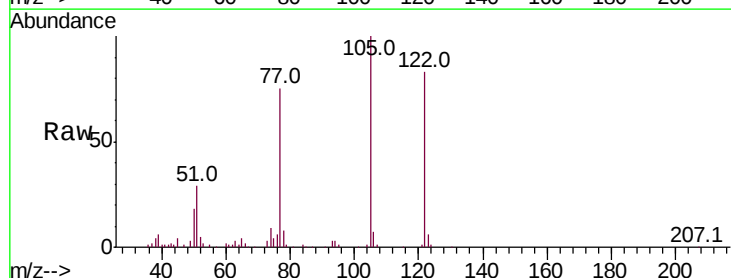
Tgt Ion:122 Resp: 194662

Ion Ratio Lower Upper

122 100

105 120.9 104.4 144.4

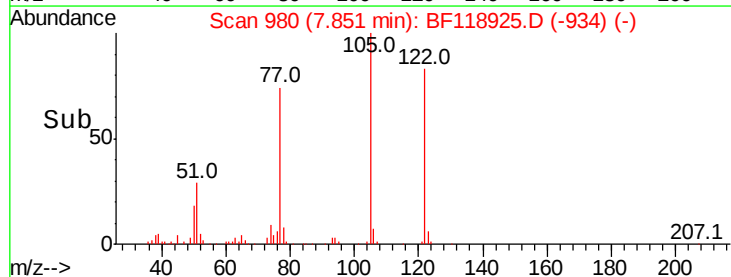
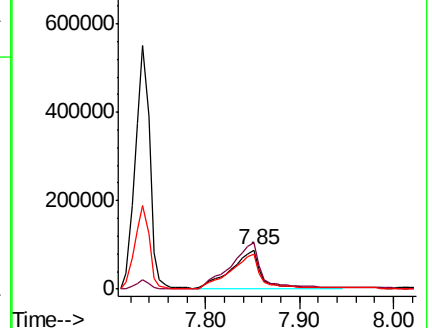
77 91.2 69.3 109.3

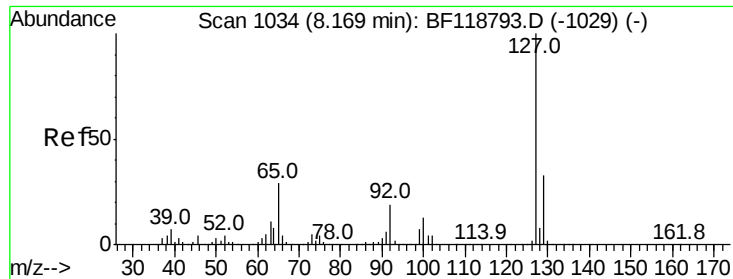


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





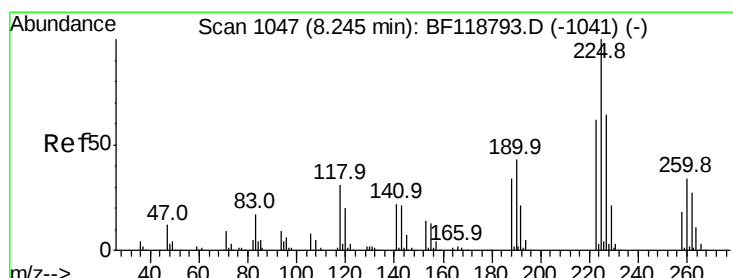
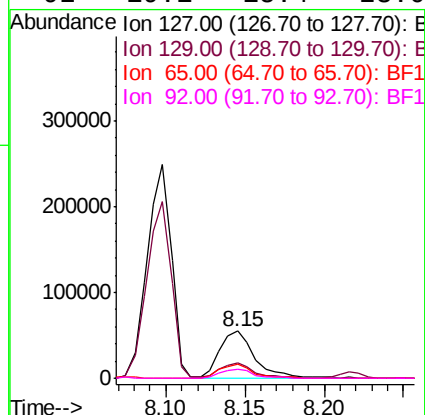
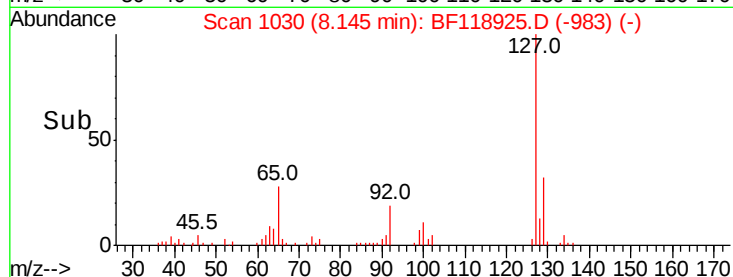
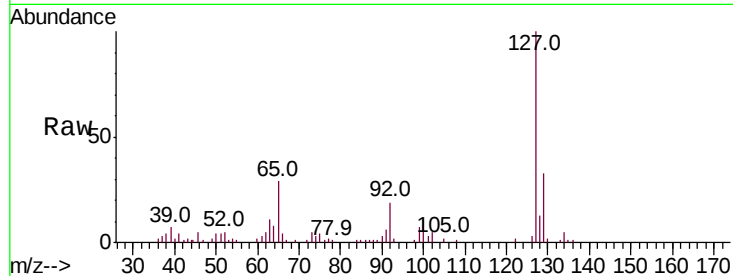
#33
4-Chloroaniline
Concen: 4.868 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	29.4	22.9	34.3
92	19.1	15.4	23.0

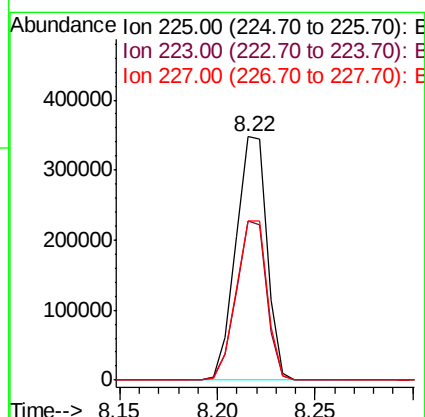
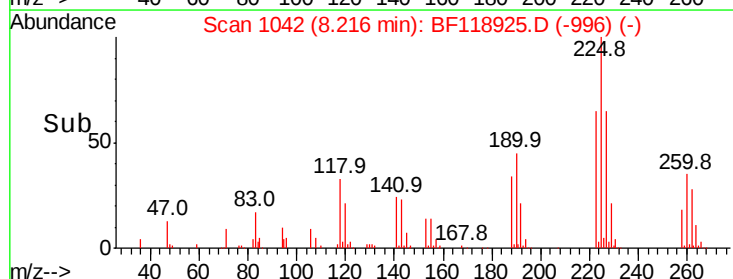
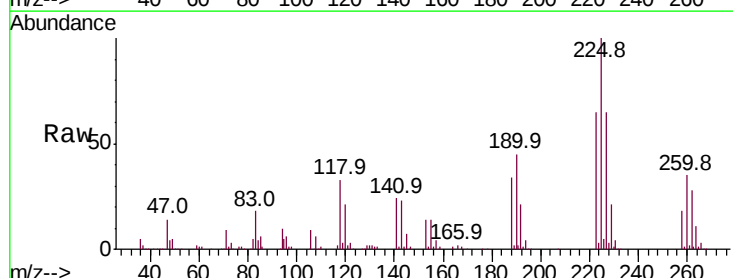
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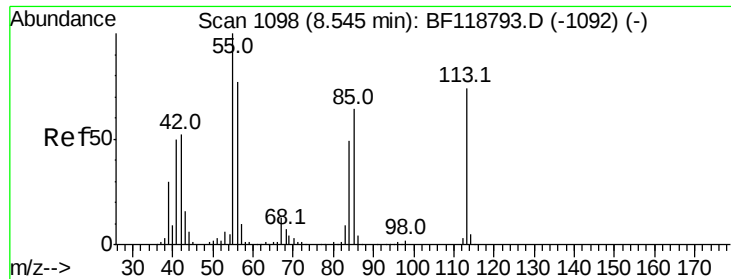
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#34
Hexachlorobutadiene
Concen: 44.410 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.8	74.8
227	65.1	51.0	76.4





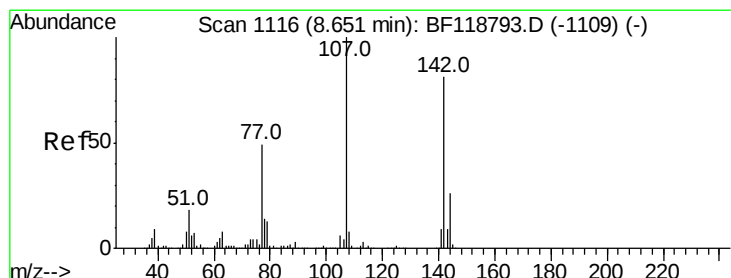
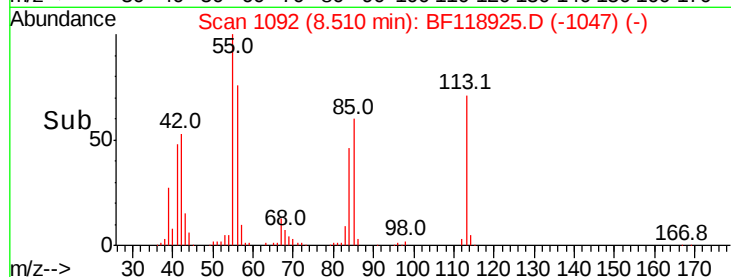
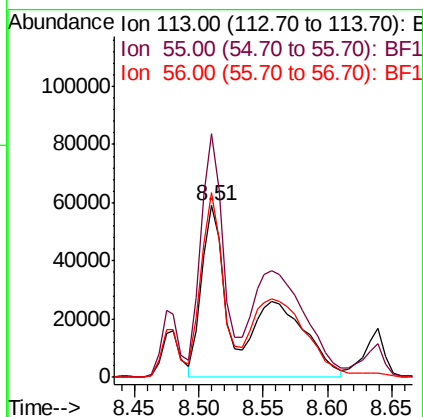
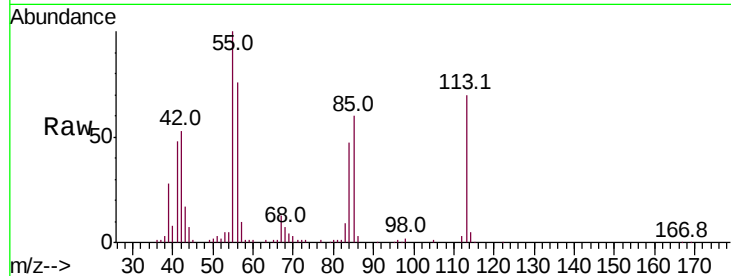
#35
 Caprolactam
 Concen: 36.666 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	115.5	155.5
56	107.5	83.7	123.7

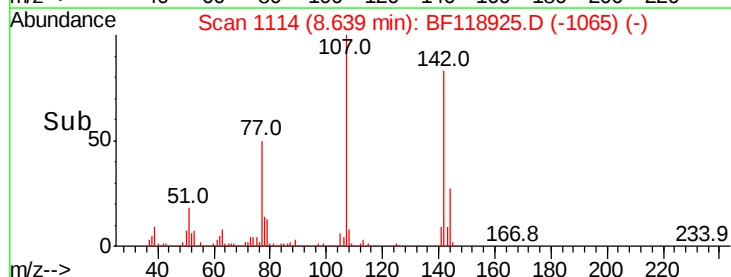
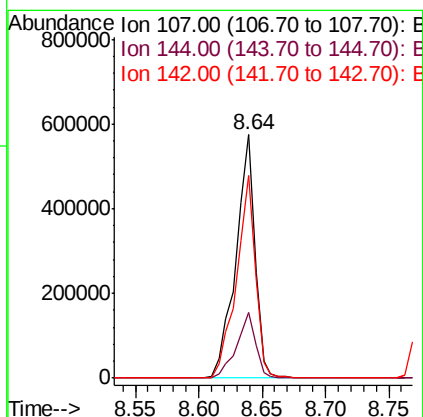
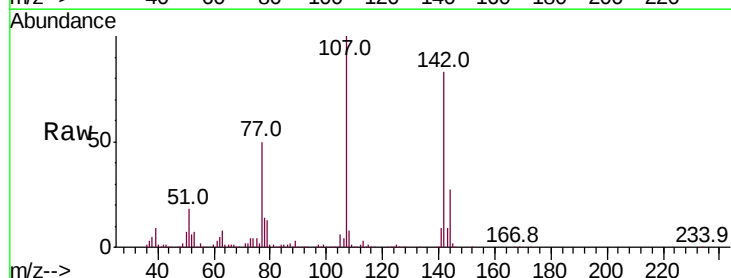
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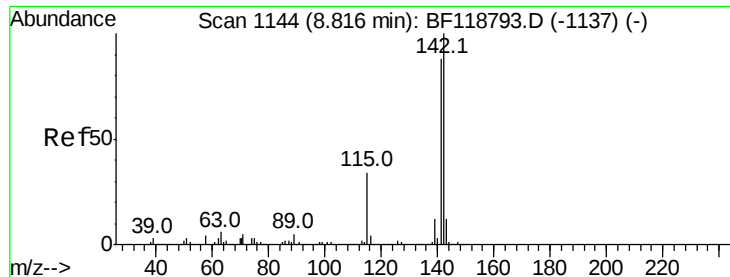
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#36
 4-Chloro-3-methylphenol
 Concen: 49.391 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.0	31.6
142	83.0	64.8	97.2





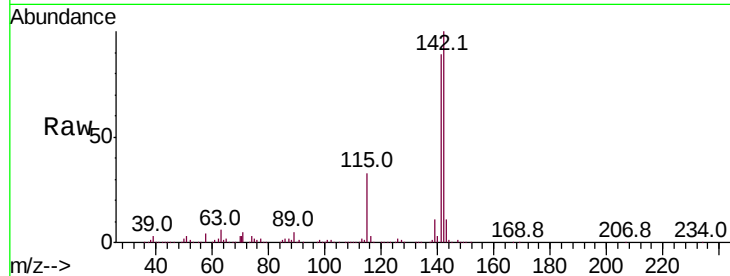
#37
2-Methylnaphthalene
Concen: 51.304 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.1	105.1
115	32.8	27.3	40.9

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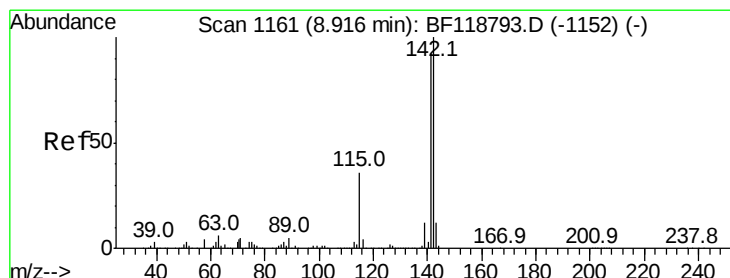
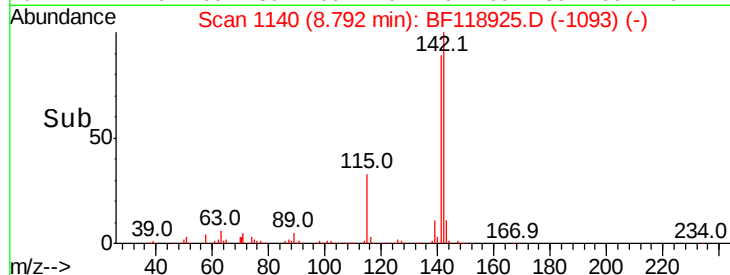
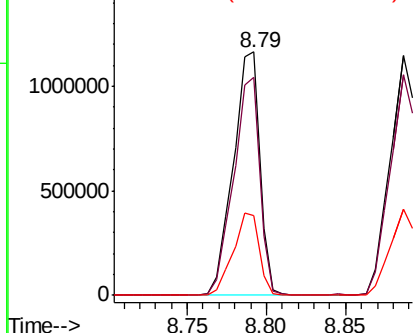


Abundance

Ion 142.00 (141.70 to 142.70): E

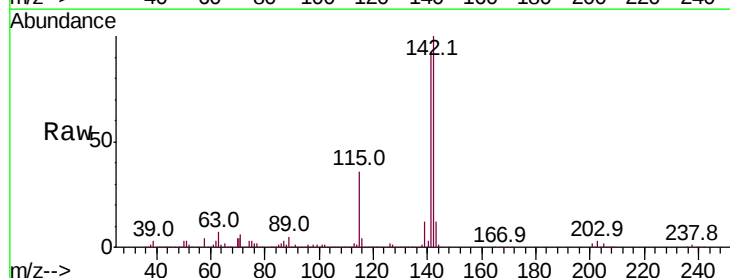
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.385 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6
116	3.7	3.0	4.4

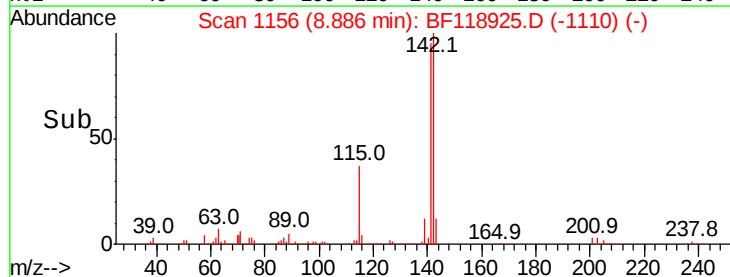
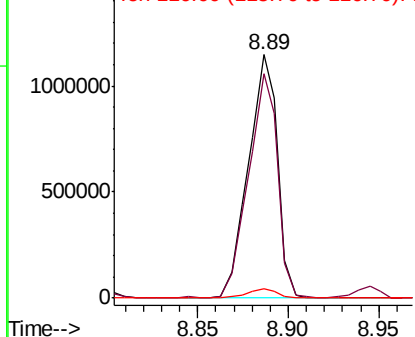


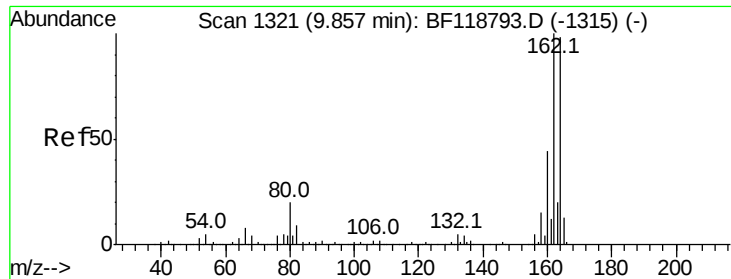
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





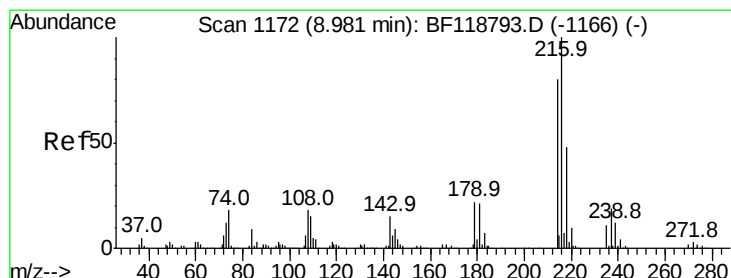
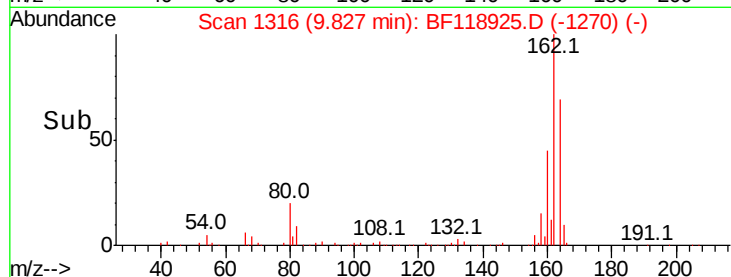
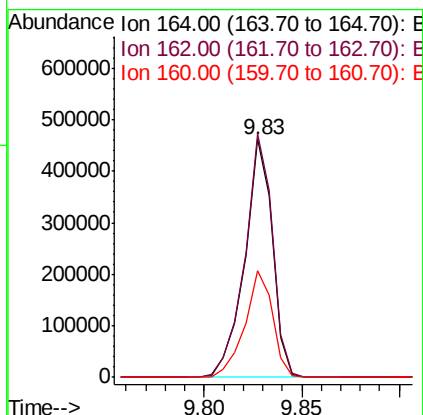
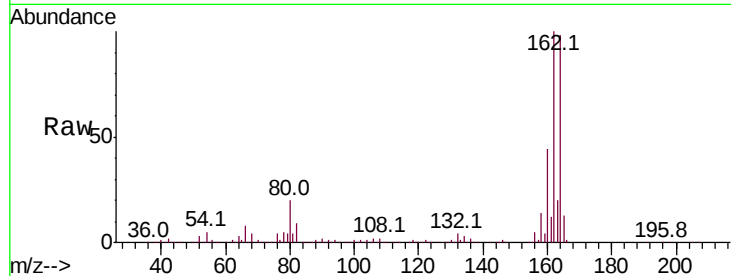
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	44.7	35.6	53.4

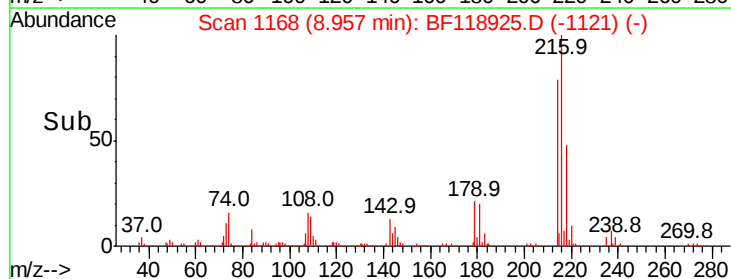
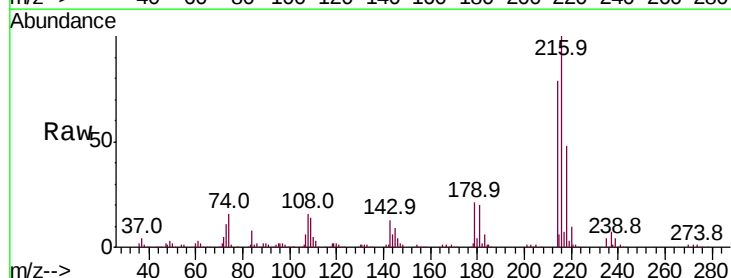
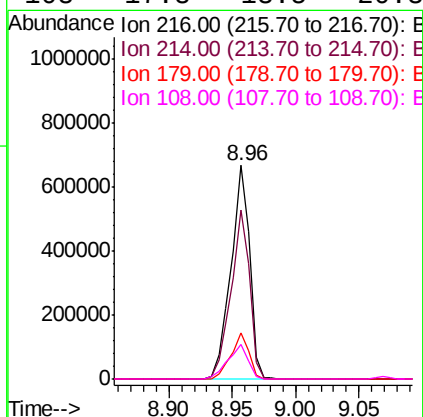
Manual Integrations
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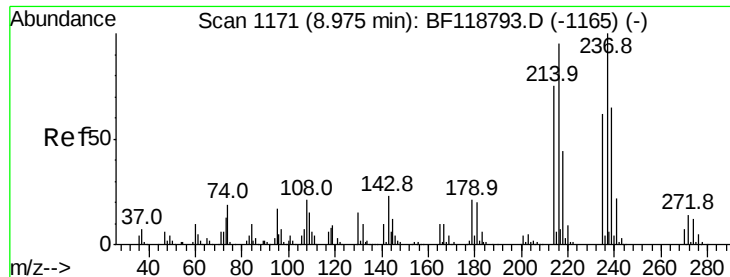
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.306 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.6	17.0	25.6
108	17.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 79.186 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

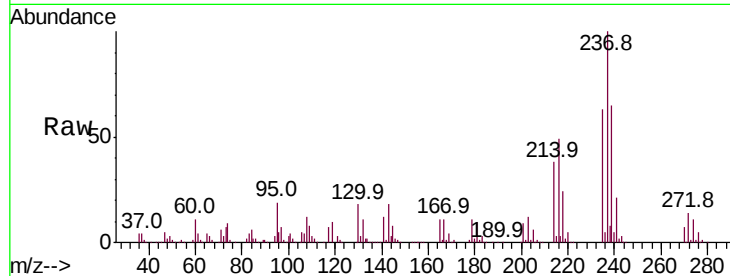
ClientSampleId :

2S-SECTION-FMSD

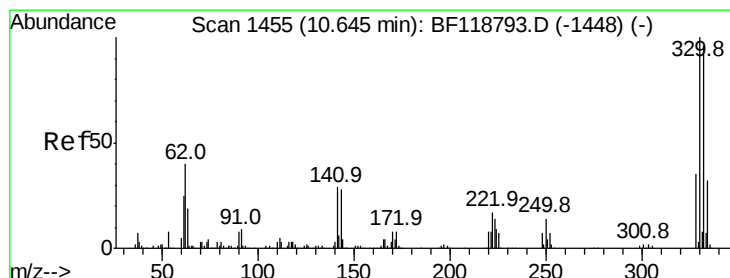
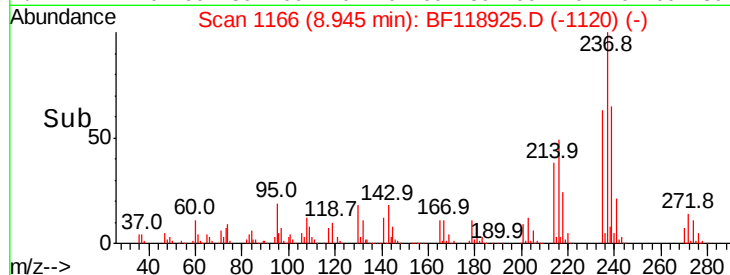
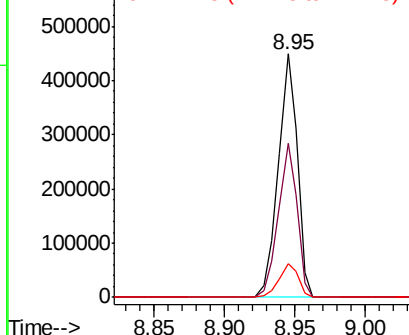
Tot Ion:	237	Resp:	424819
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.1	82.1
272	13.9	0.0	34.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.831 ng

RT: 10.62 min Scan# 1451

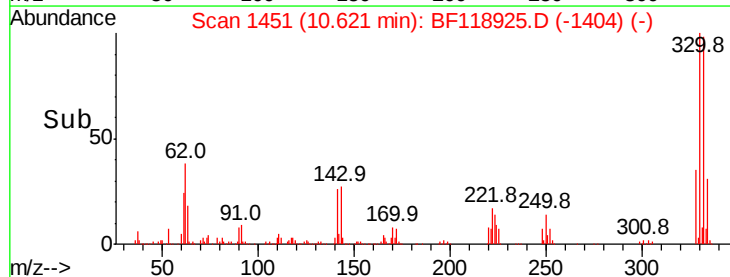
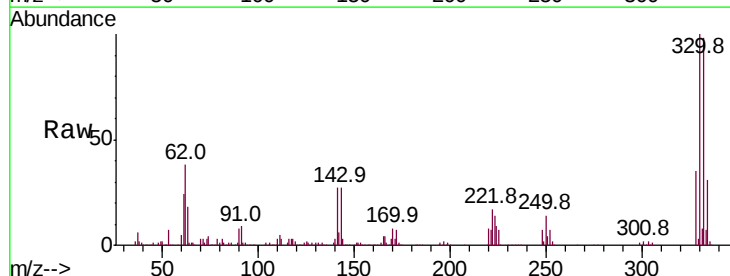
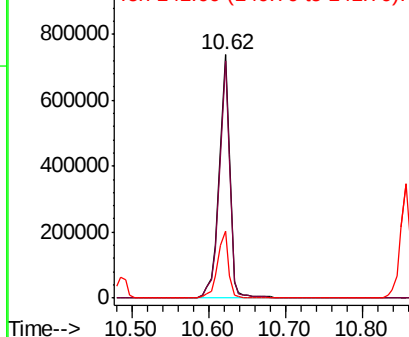
Delta R.T. -0.02 min

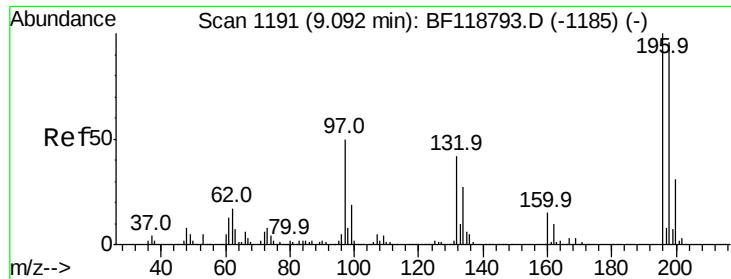
Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	330	Resp:	715073
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	27.6	22.4	33.6

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





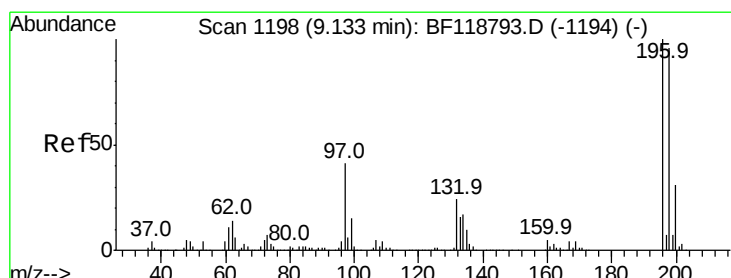
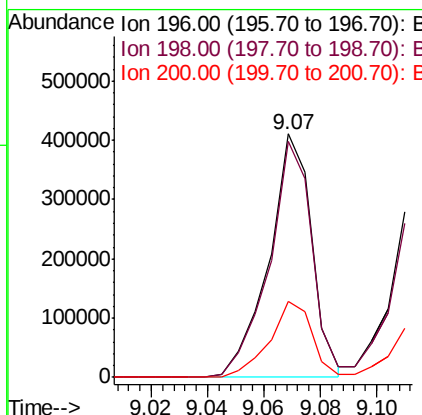
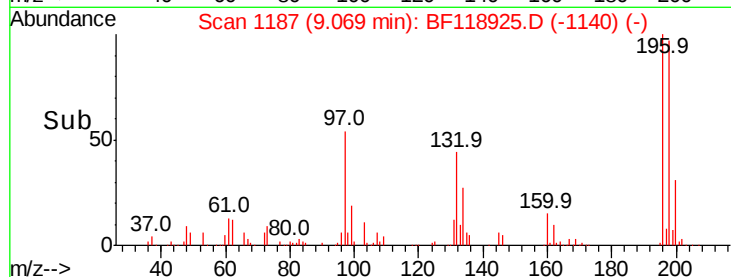
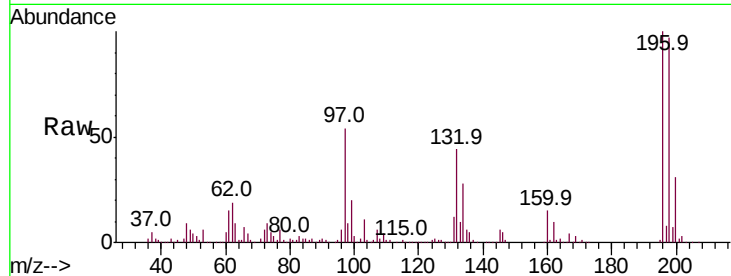
#43
 2,4,6-Trichlorophenol
 Concen: 47.343 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	433146		
198	97.1	76.7	115.1	
200	31.0	24.9	37.3	

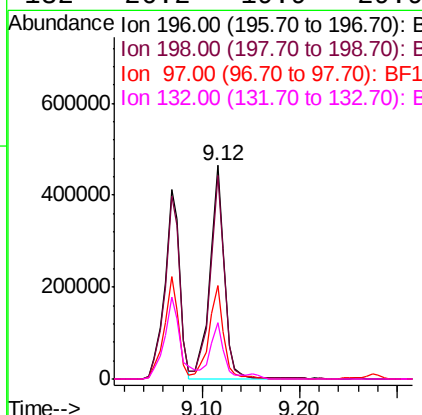
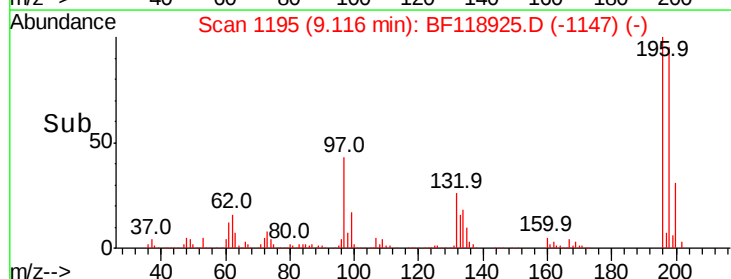
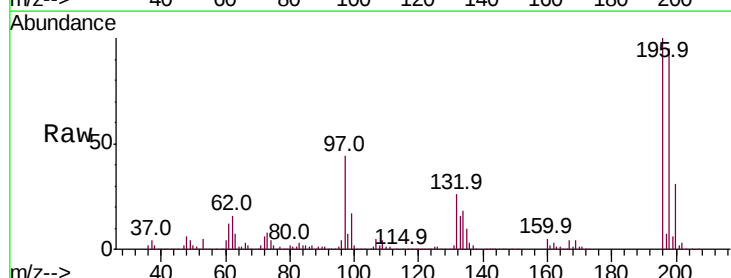
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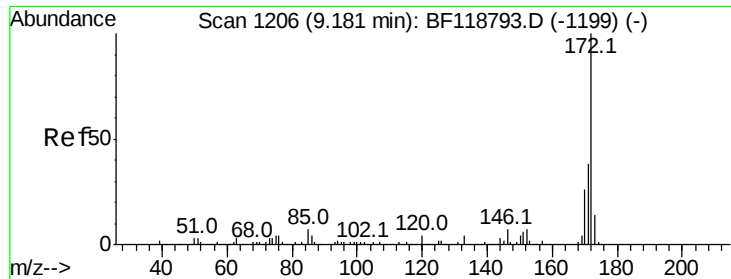
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#44
 2,4,5-Trichlorophenol
 Concen: 51.127 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	477945		
198	95.4	77.0	115.4	
97	43.5	32.9	49.3	
132	26.2	19.9	29.9	





#45

2-Fluorobiphenyl

Concen: 103.642 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:172 Resp: 2628169

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

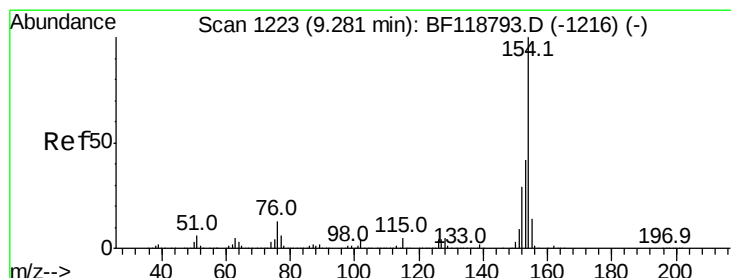
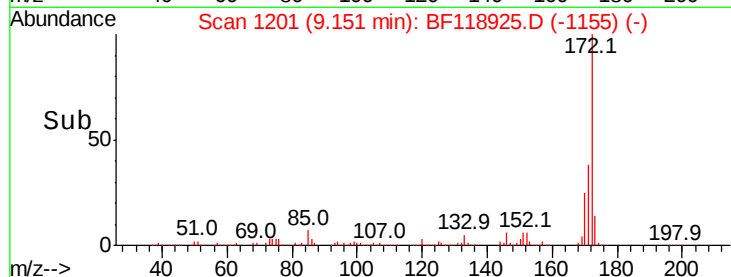
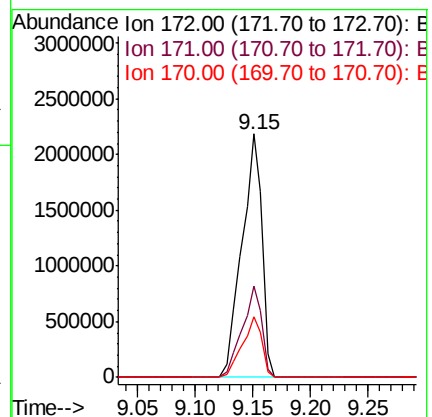
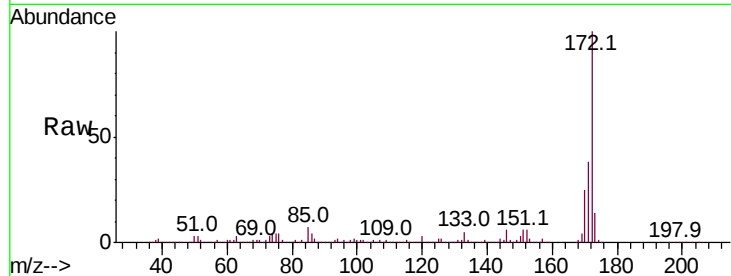
170 24.8 20.5 30.7

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#46

1,1'-Biphenyl

Concen: 51.817 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

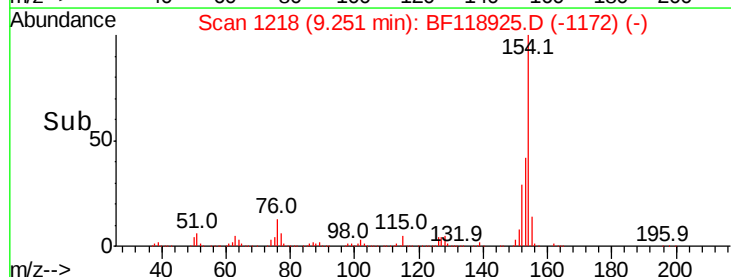
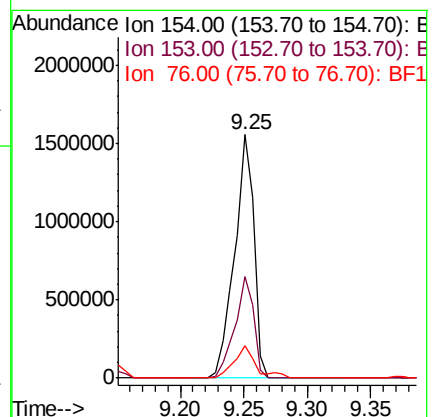
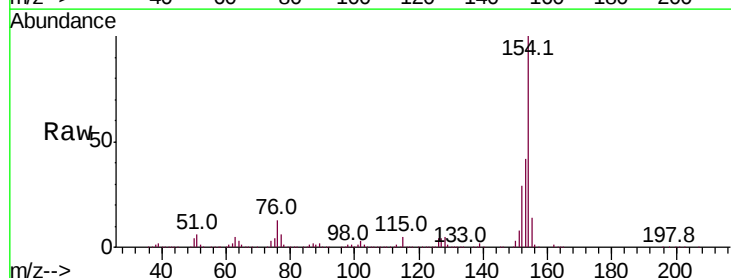
Tgt Ion:154 Resp: 1624921

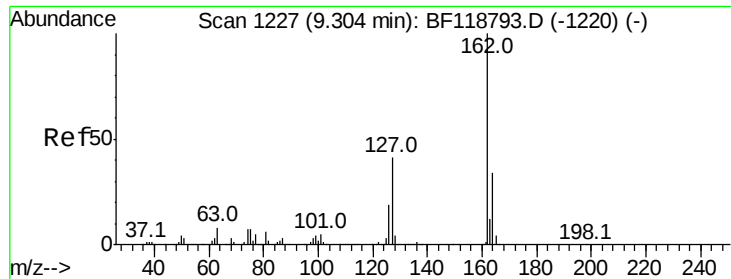
Ion Ratio Lower Upper

154 100

153 41.8 22.4 62.4

76 13.5 0.0 32.7





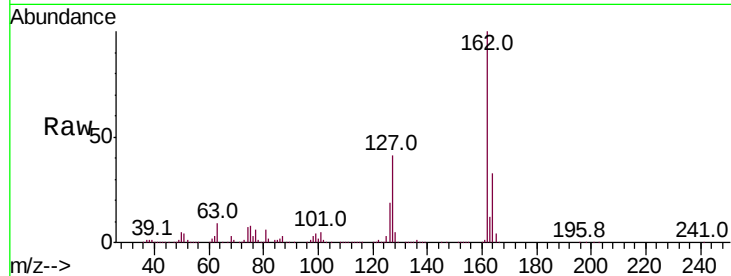
#47
 2-Chloronaphthalene
 Concen: 49.926 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.3	49.9
164	33.5	27.1	40.7

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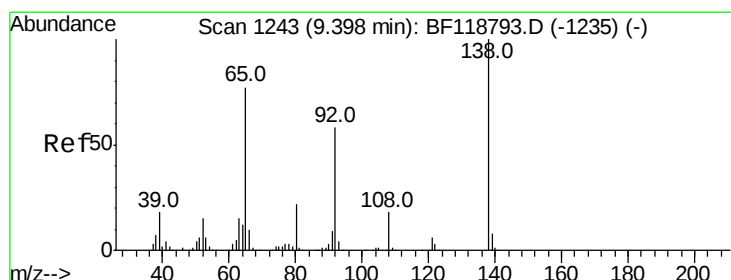
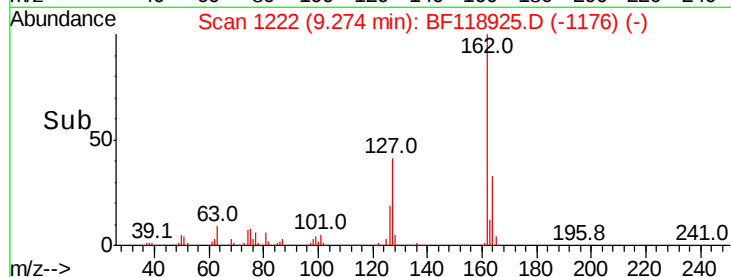
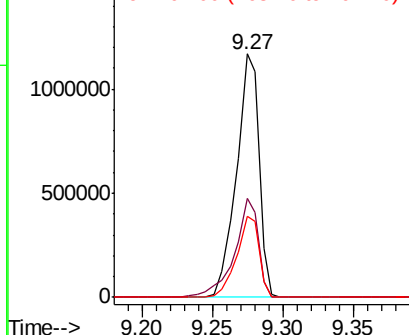


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 50.522 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

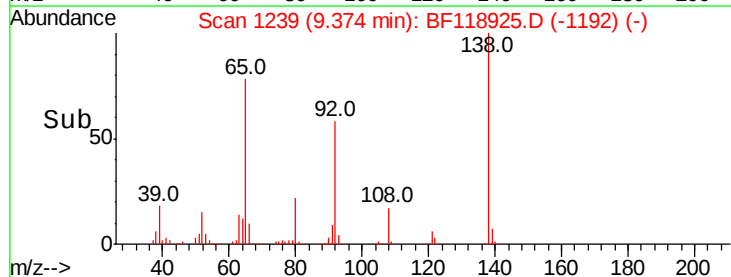
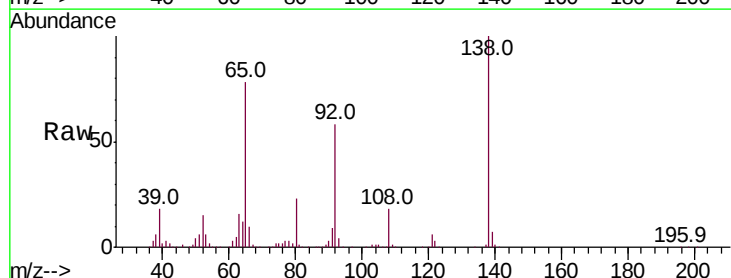
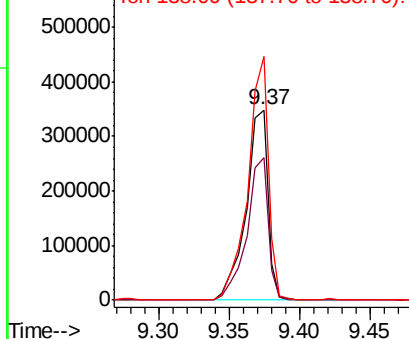
Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.6	91.0
138	128.2	104.6	156.8

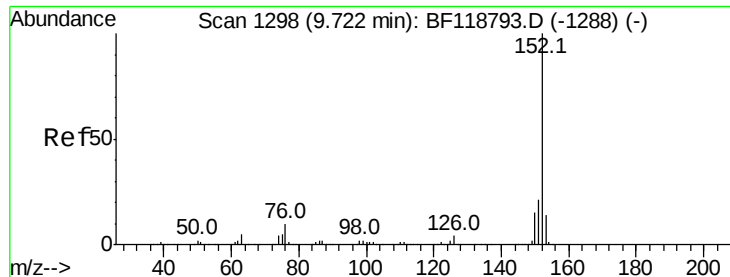
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.362 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:152 Resp: 2008588

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

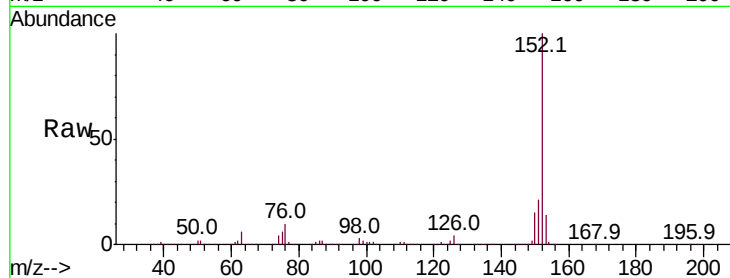
153 13.8 11.0 16.4

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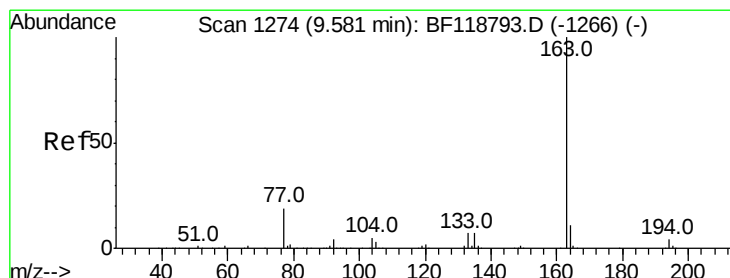
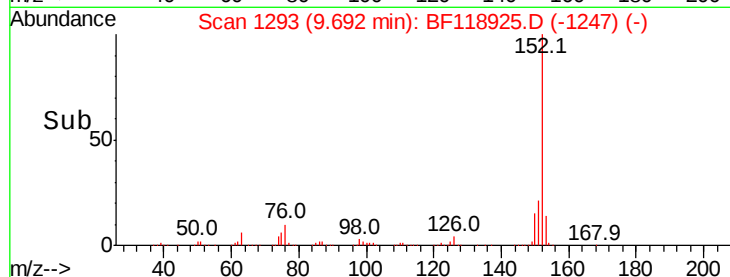
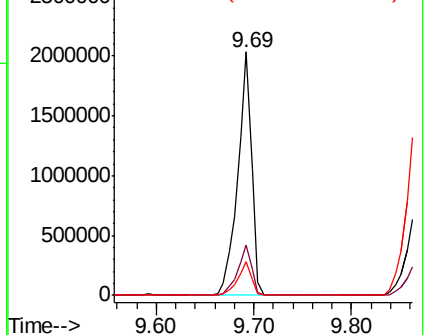
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.822 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

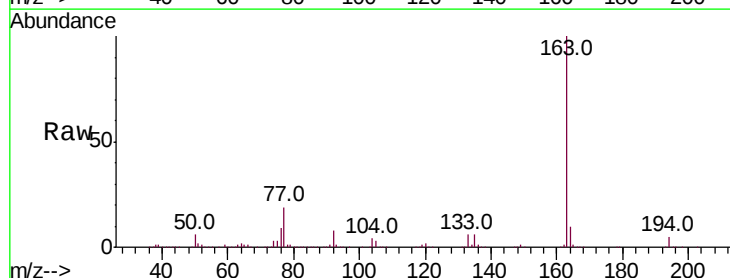
Tgt Ion:163 Resp: 1507017

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

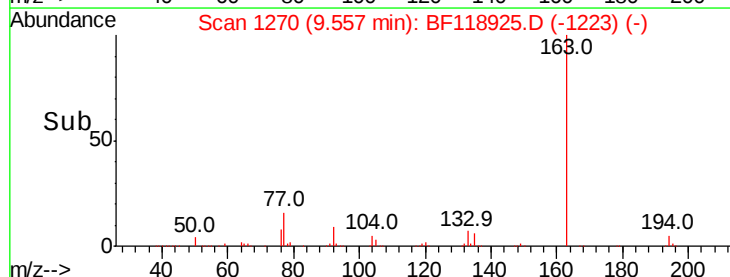
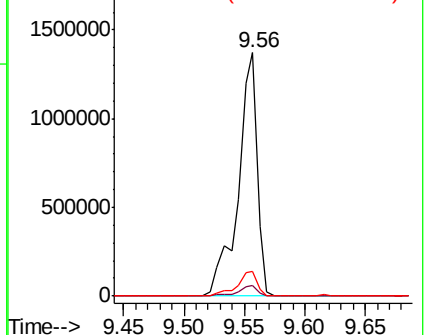
164 10.3 8.7 13.1

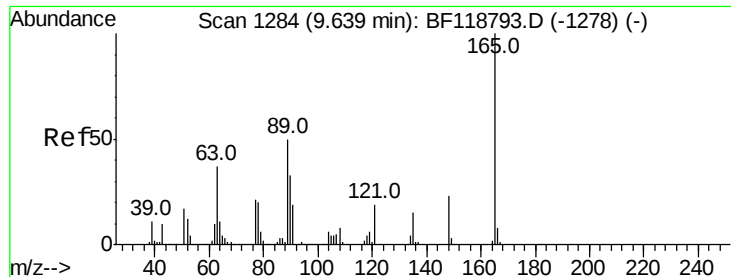


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.812 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

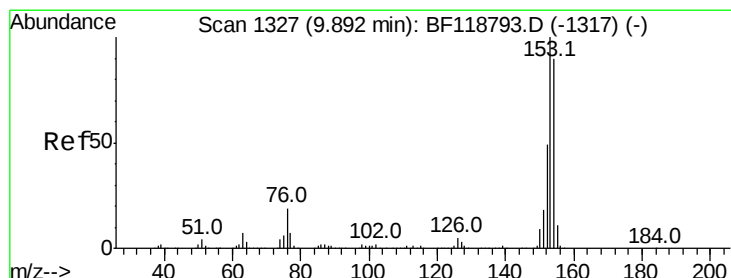
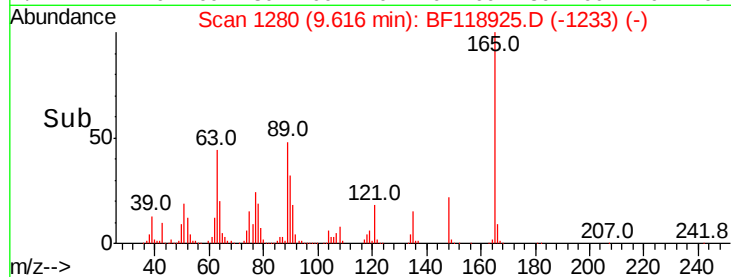
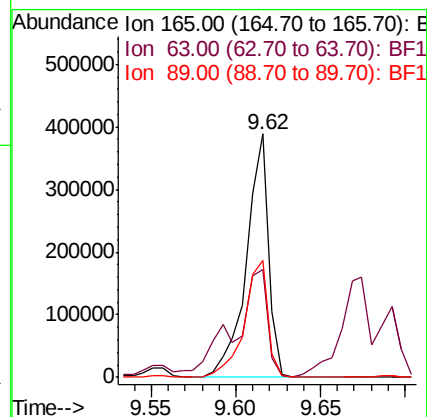
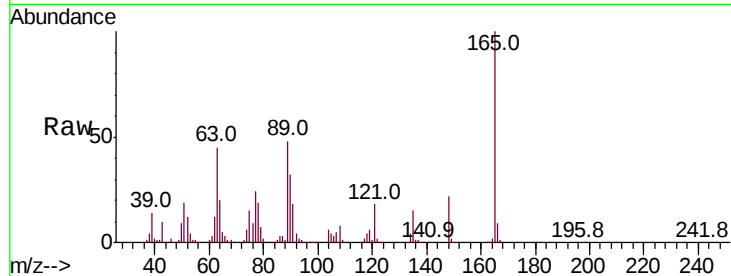
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	165	Resp:	358876
Ion Ratio	Lower	Upper	
165	100		
63	44.6	37.4	56.0
89	47.9	39.7	59.5

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#52

Acenaphthene

Concen: 47.667 ng

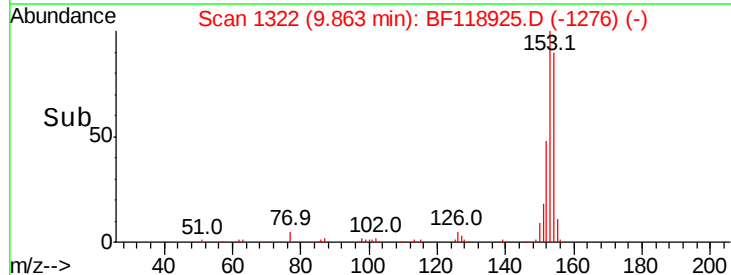
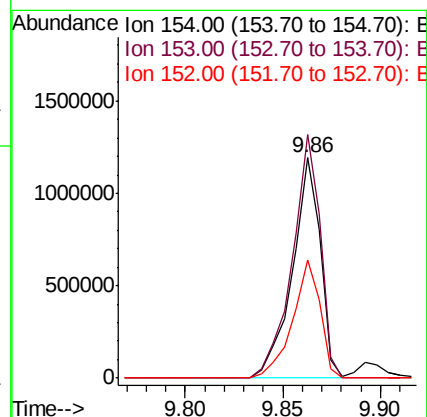
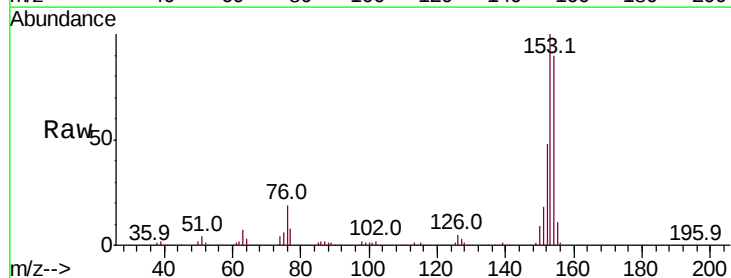
RT: 9.86 min Scan# 1322

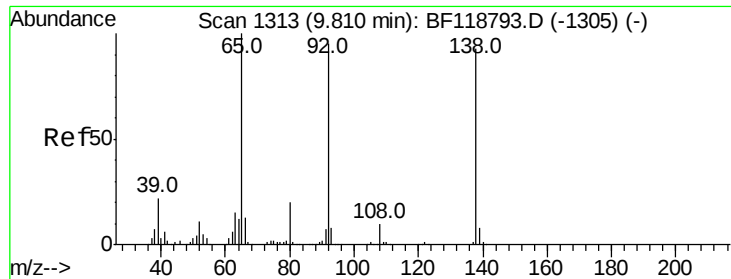
Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	154	Resp:	1182325
Ion Ratio	Lower	Upper	
154	100		
153	110.6	89.4	134.0
152	53.6	43.6	65.4





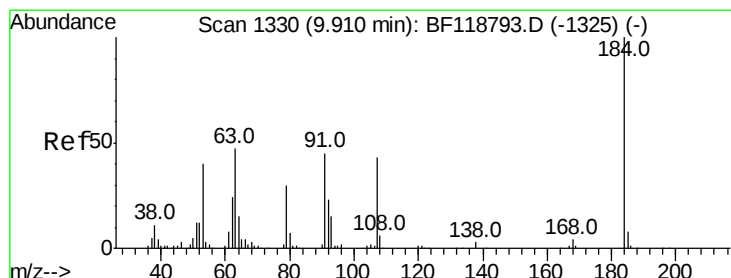
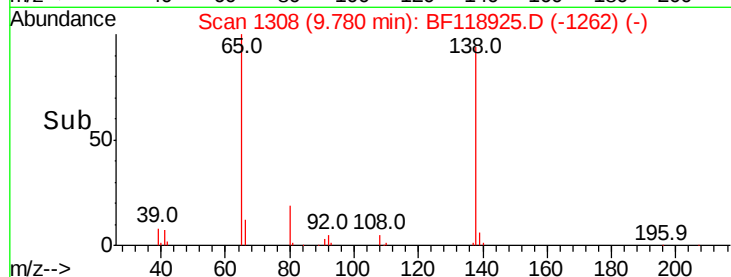
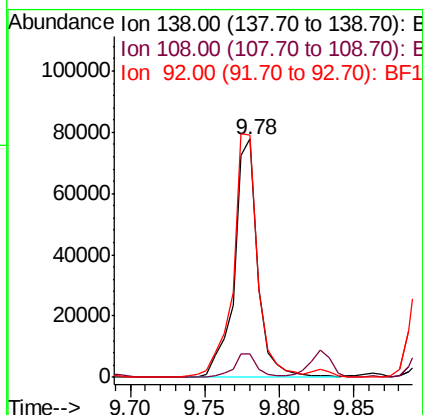
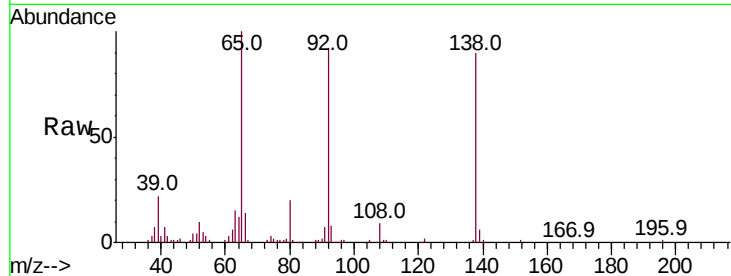
#53
3-Nitroaniline
Concen: 10.865 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.5	12.7
92	101.9	82.2	123.4

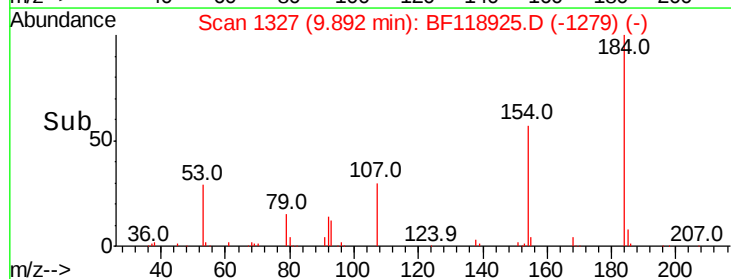
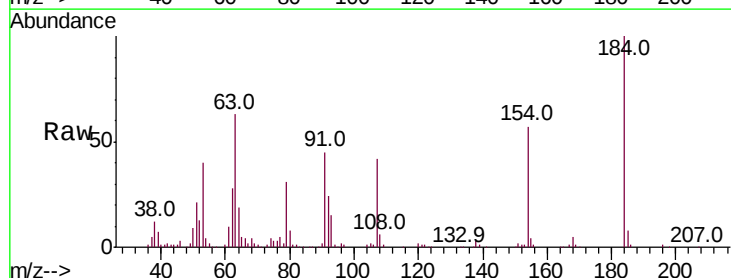
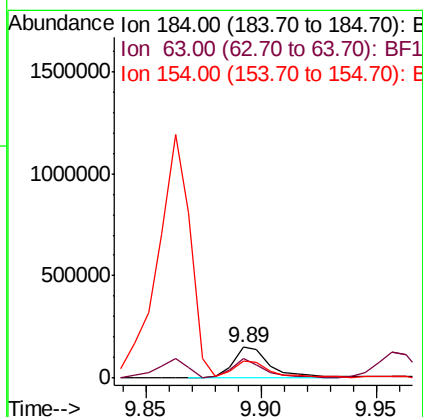
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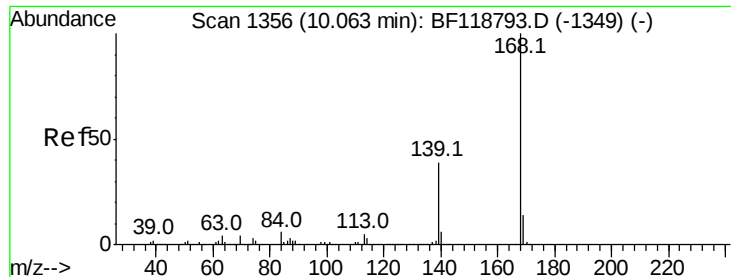
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#54
2,4-Dinitrophenol
Concen: 50.233 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	47.5	71.3
154	57.0	48.6	72.8





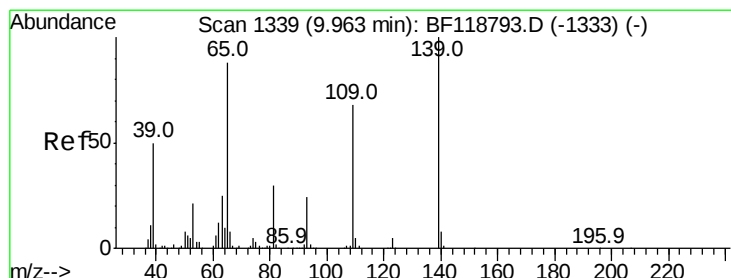
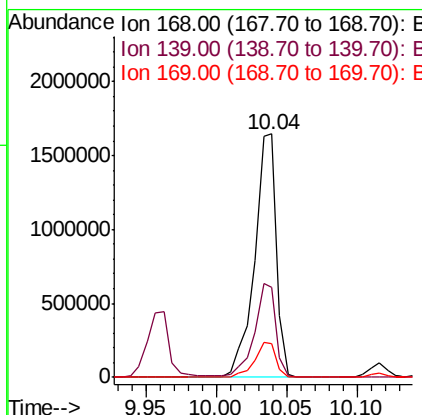
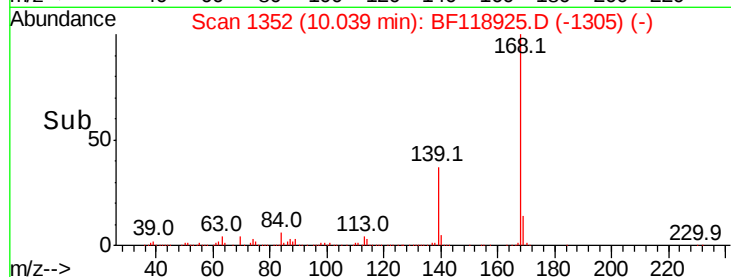
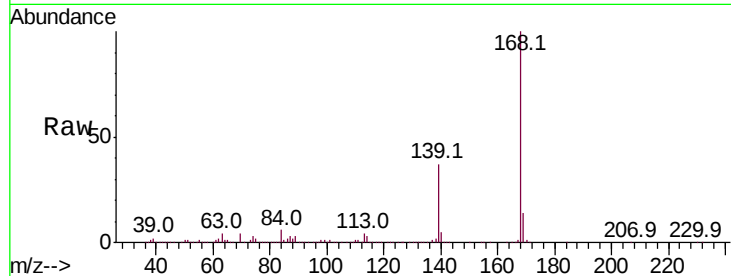
#55
Dibenzofuran
Concen: 50.228 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.6	47.4
169	13.7	11.4	17.2

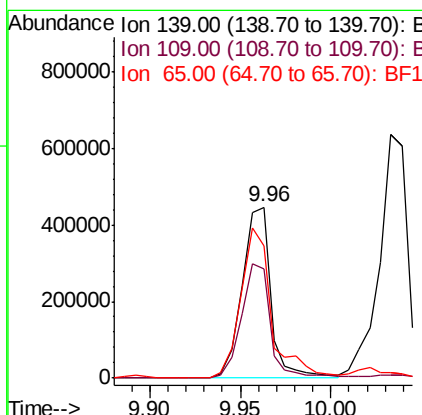
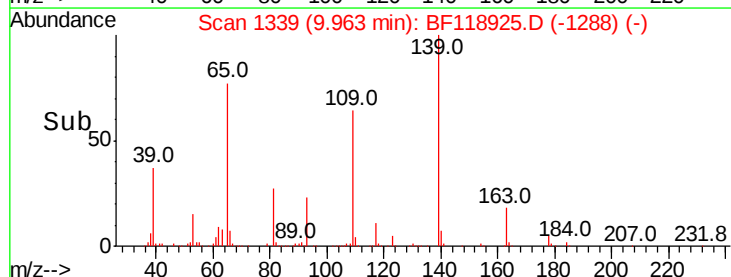
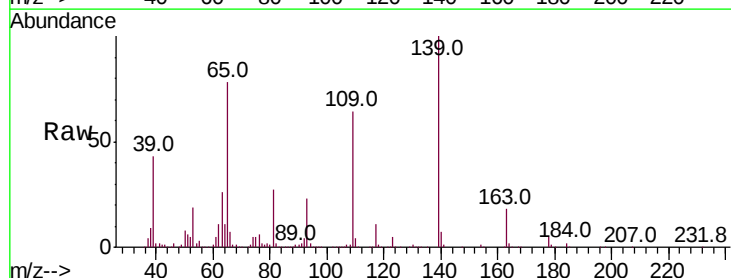
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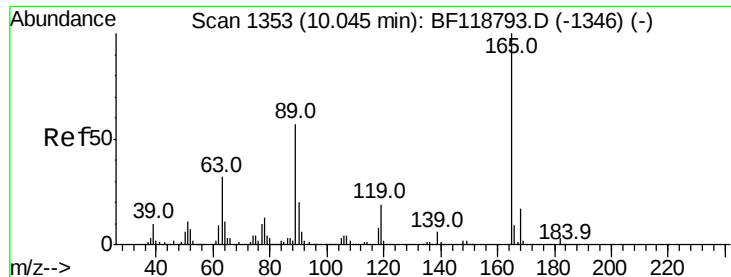
mohammad
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#56
4-Nitrophenol
Concen: 87.076 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	48.0	88.0
65	77.9	68.3	108.3





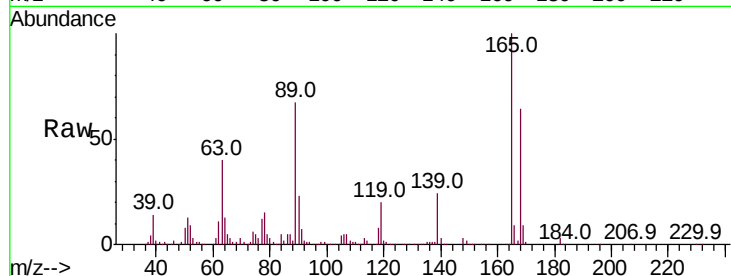
#57
2,4-Dinitrotoluene
Concen: 51.690 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	25.5	38.3#	
89	66.6	45.4	68.0	
182	3.0	2.4	3.6	

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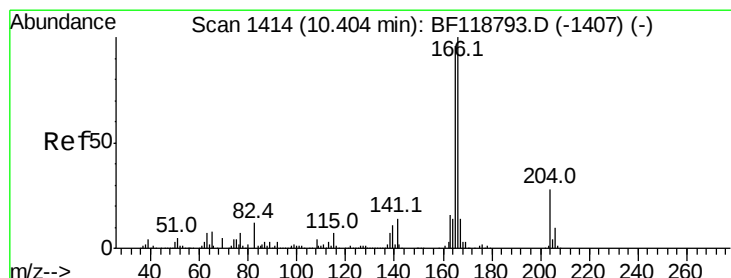
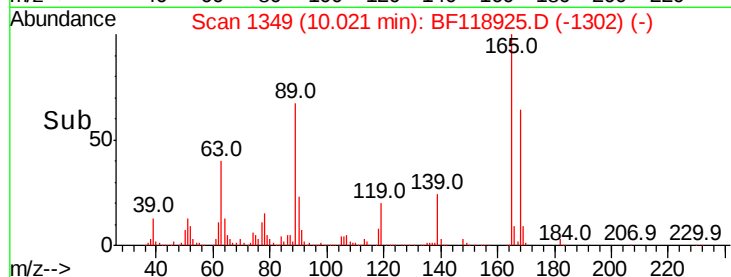
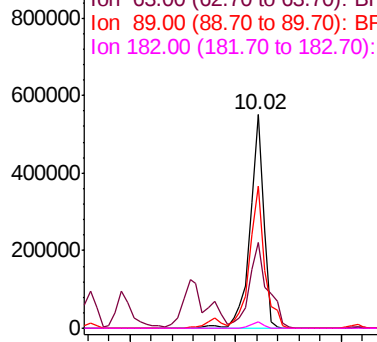
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.221 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

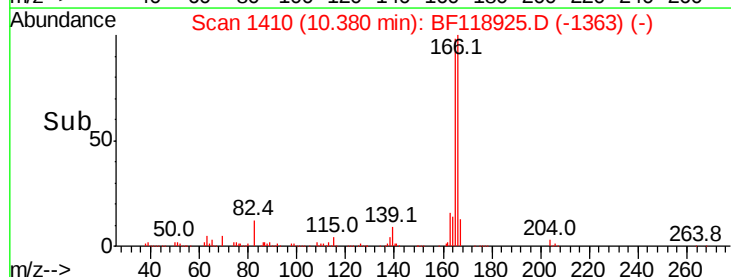
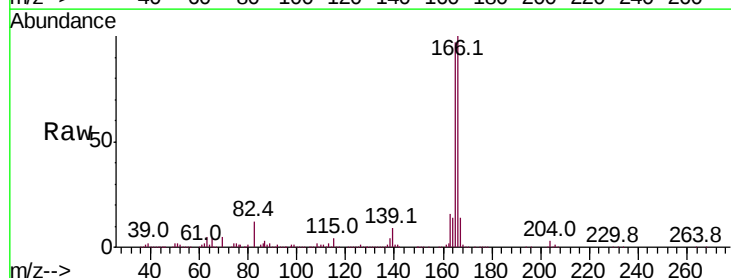
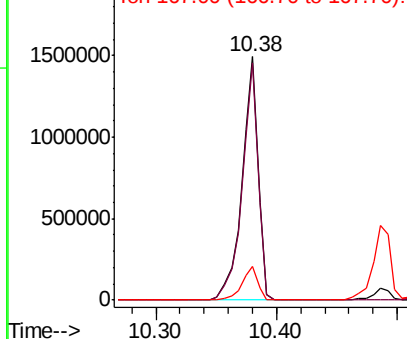
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	77.0	115.6	
167	13.6	11.1	16.7	

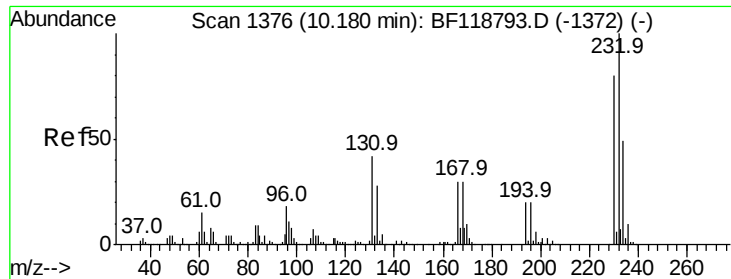
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





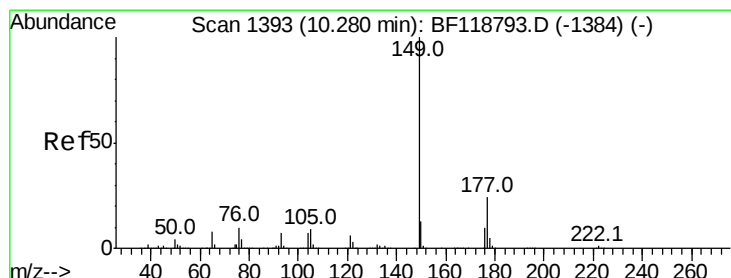
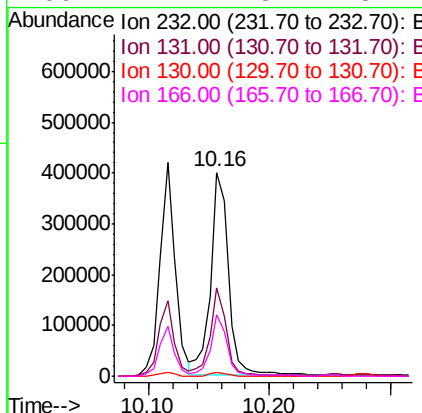
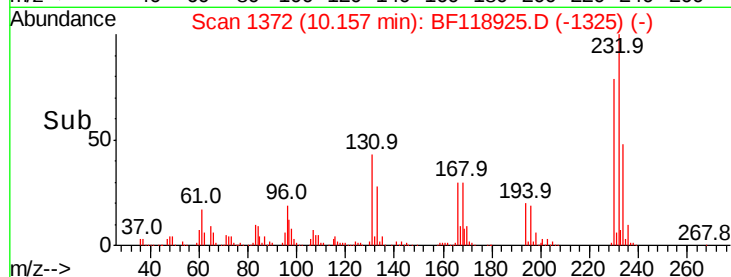
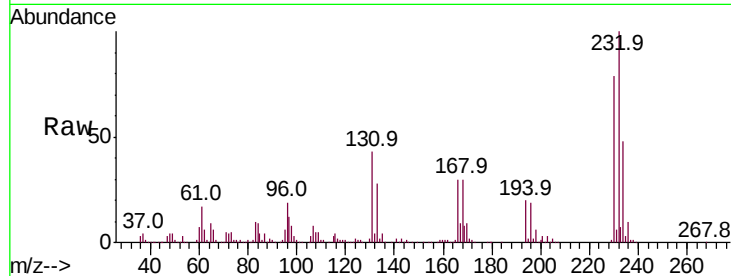
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.150 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	31.8	47.6
130	2.1	1.6	2.4
166	27.7	23.1	34.7

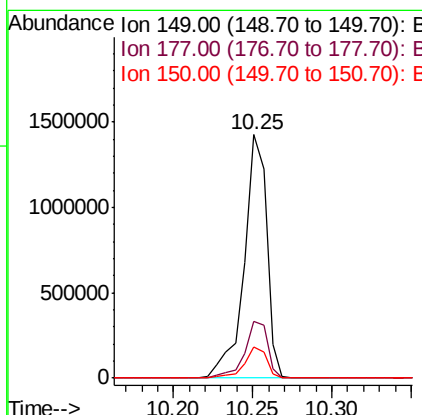
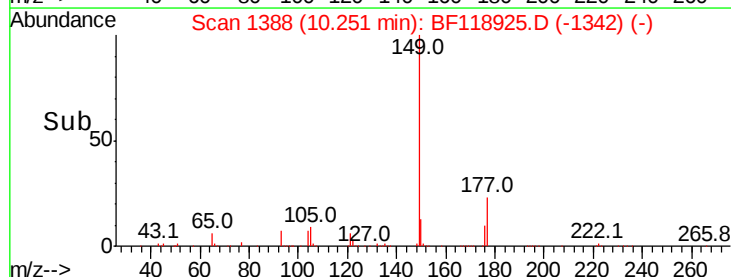
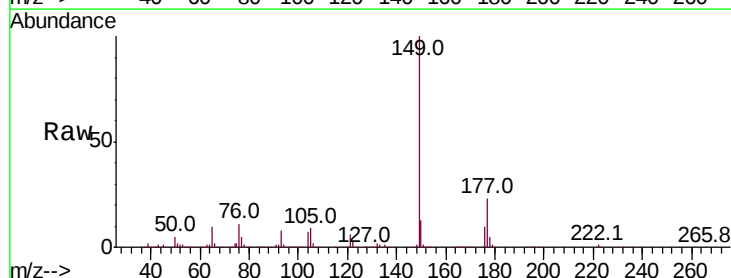
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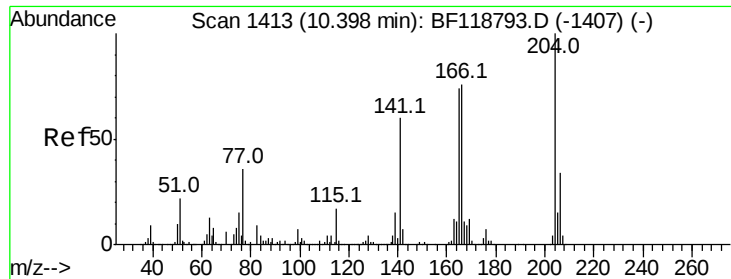
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#60
 Diethylphthalate
 Concen: 46.894 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.3	28.9
150	13.0	10.4	15.6





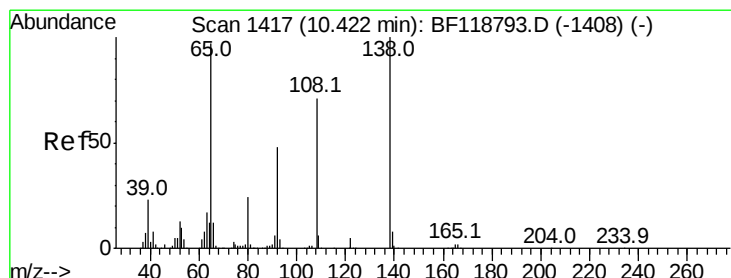
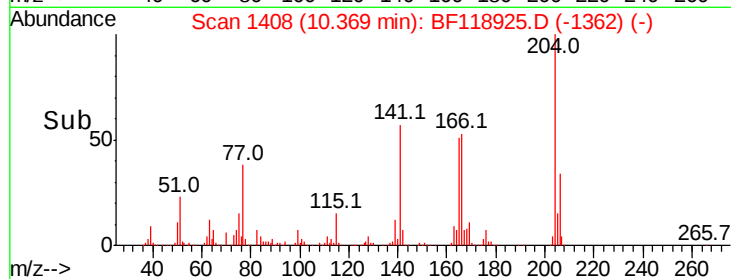
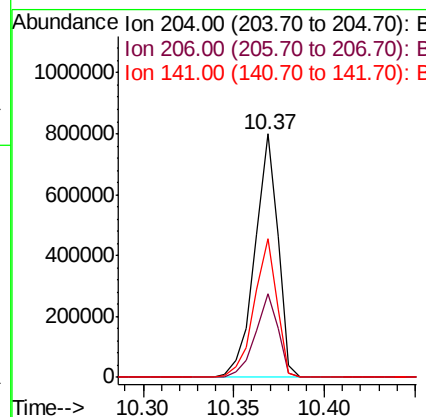
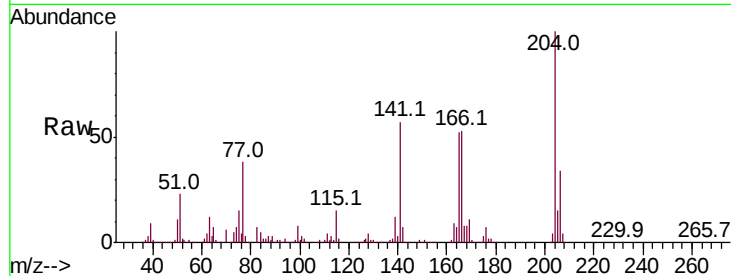
#61
4-Chlorophenyl-phenylether
Concen: 48.369 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	56.8	47.8	71.6

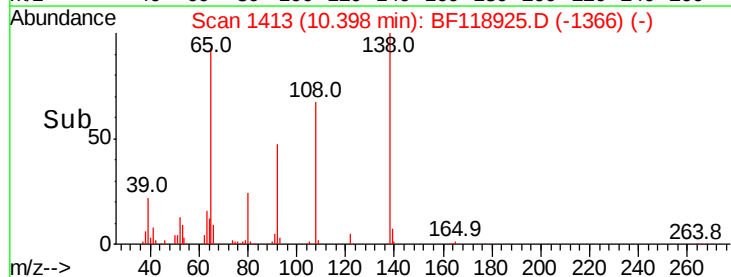
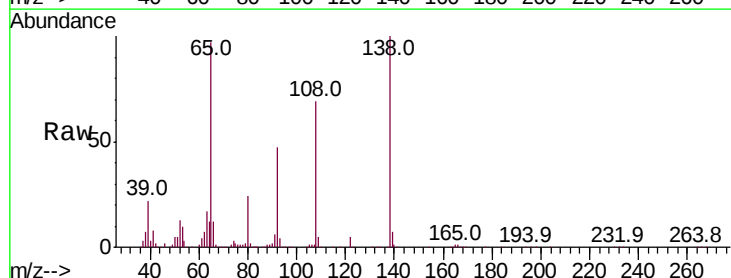
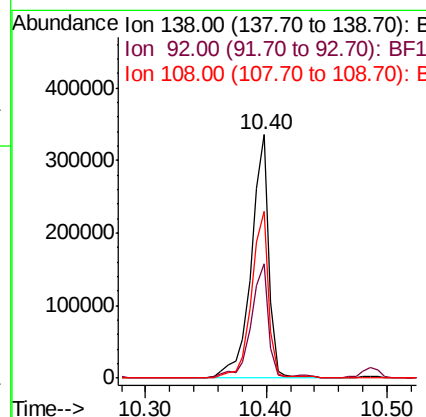
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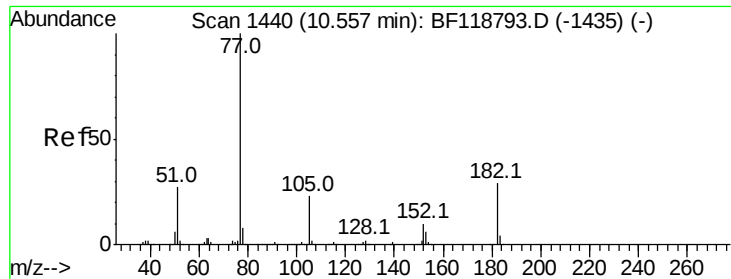
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#62
4-Nitroaniline
Concen: 43.425 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.6	67.6
108	68.6	51.3	91.3





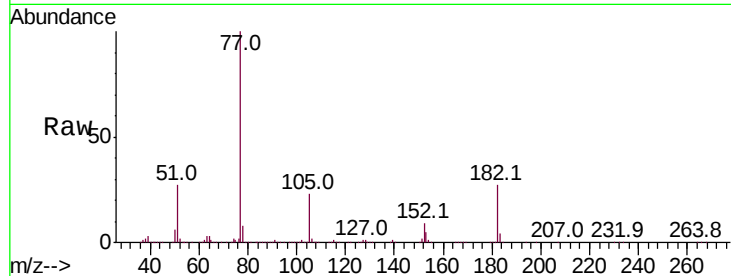
#63
Azobenzene
Concen: 52.401 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	9.2	49.2
105	22.5	3.1	43.1
51	27.3	7.4	47.4

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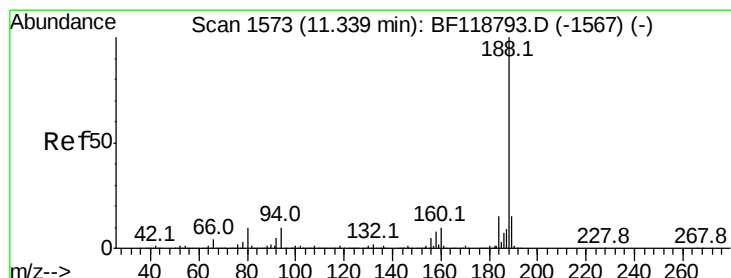
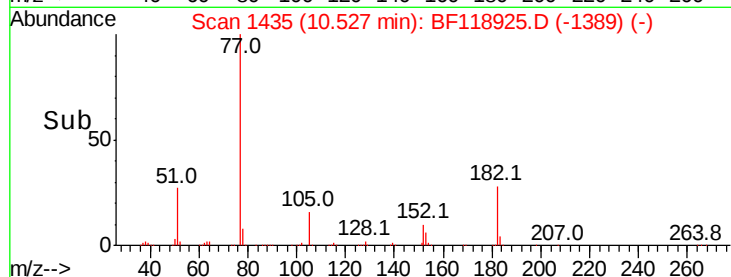
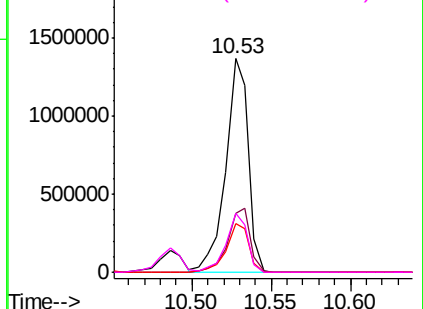
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

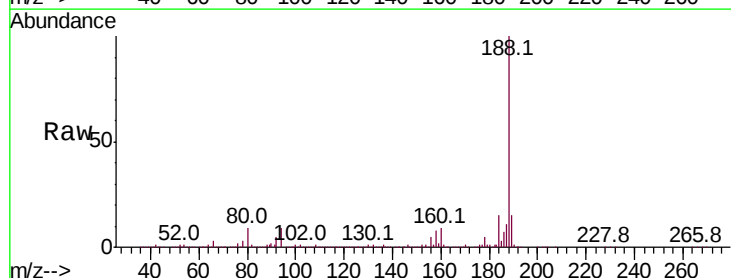
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.3	8.4	12.6

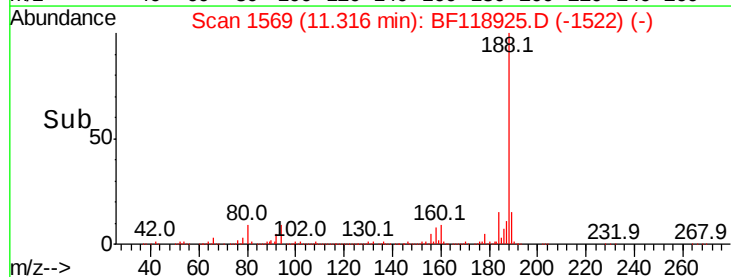
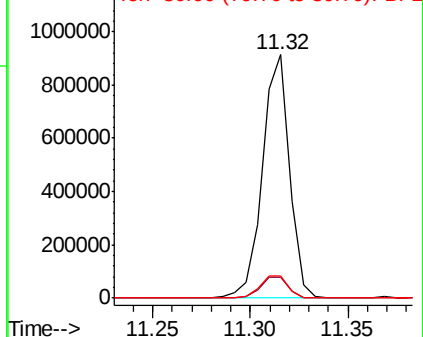


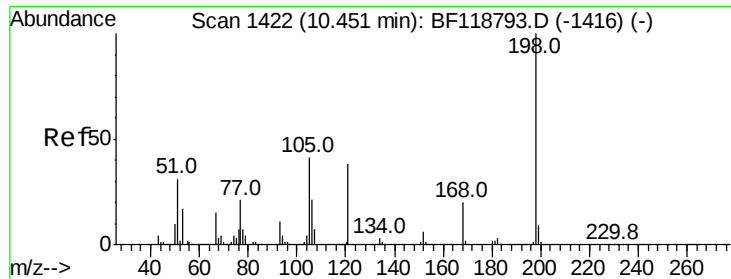
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.841 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:198 Resp: 195868

Ion Ratio Lower Upper

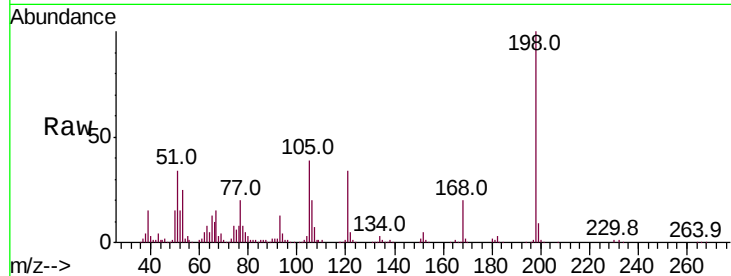
198 100

51 33.7 16.7 56.7

105 38.6 22.0 62.0

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

500000

400000

300000

200000

100000

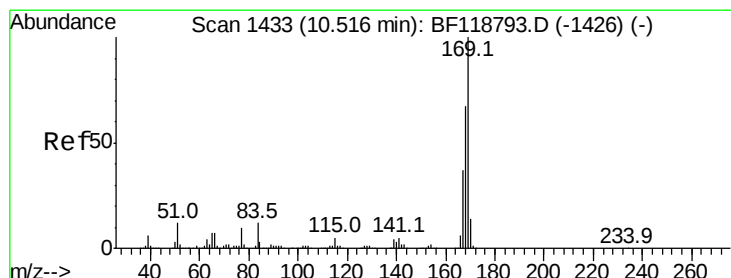
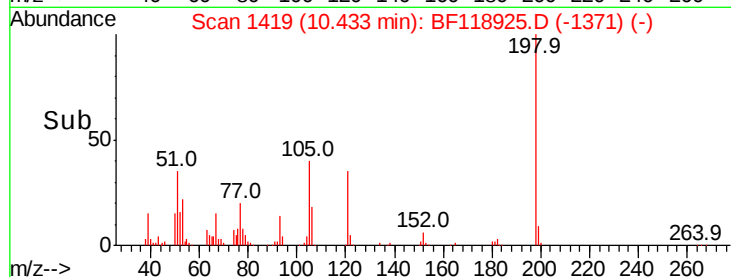
0

10.43

10.40

10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 50.509 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

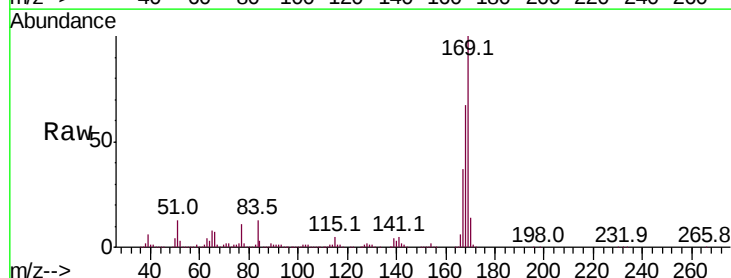
Tgt Ion:169 Resp: 1280019

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

167 36.8 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1500000

1000000

500000

0

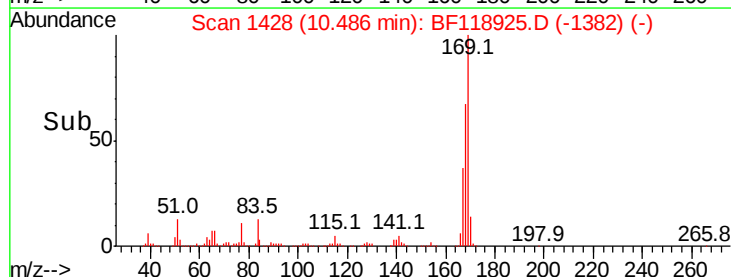
10.49

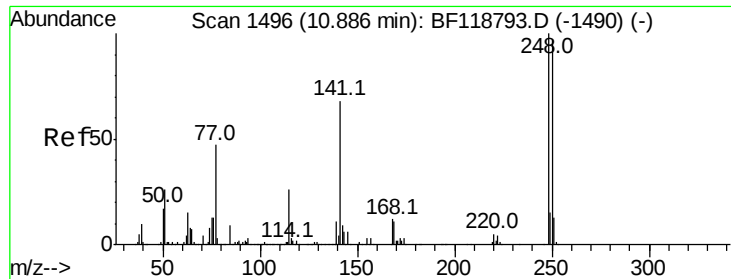
10.40

10.50

10.60

Time-->





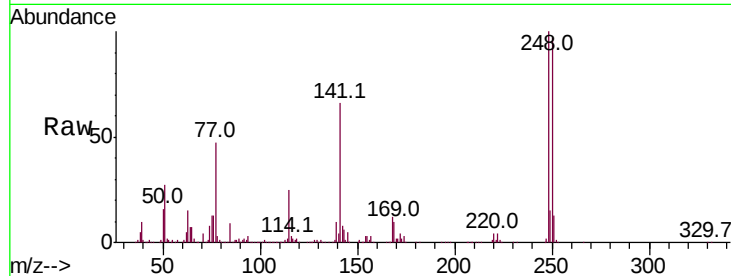
#67
4-Bromophenyl-phenylether
Concen: 46.915 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	65.5	54.4	81.6

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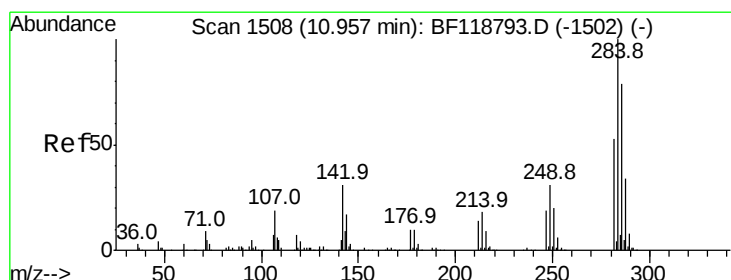
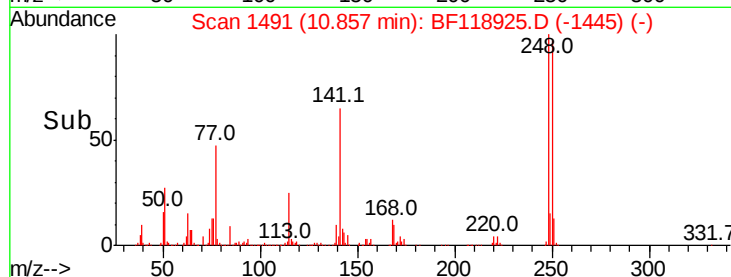
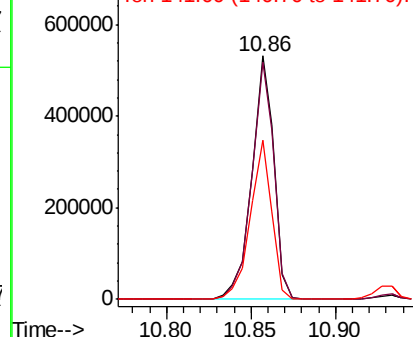


Abundance

Ion 248.00 (247.70 to 248.70): E

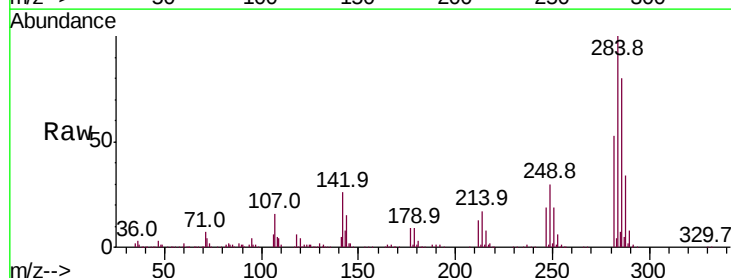
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.864 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	24.5	36.7
249	29.6	24.7	37.1

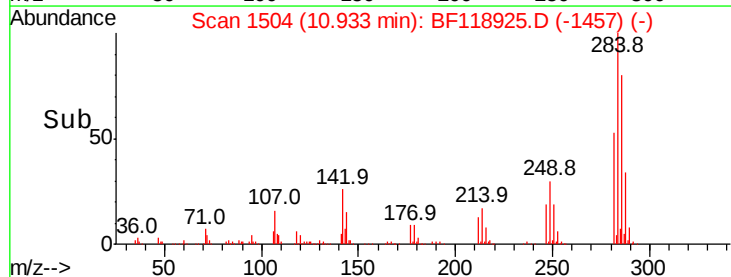
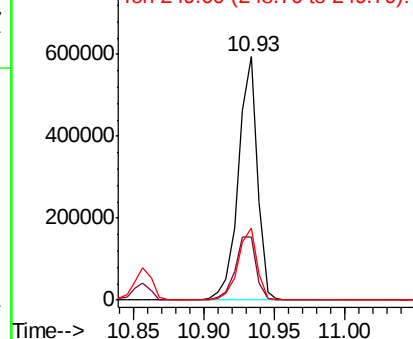


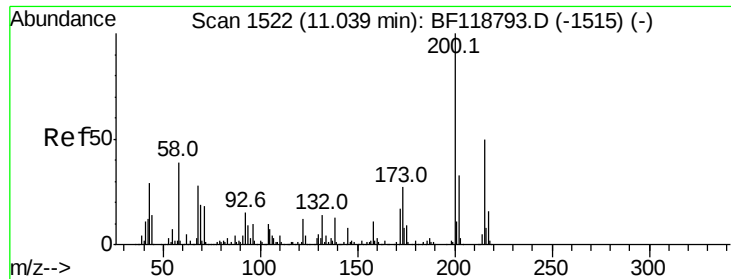
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





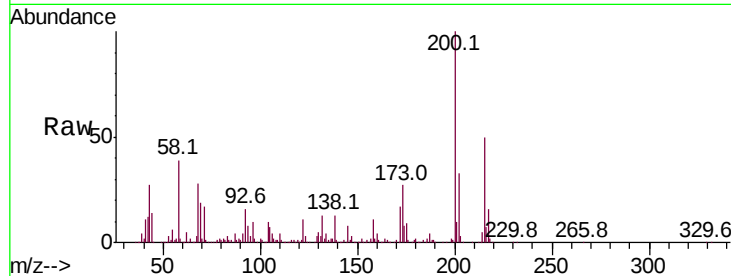
#69
Atrazine
Concen: 54.764 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.5	47.5
215	50.0	29.9	69.9

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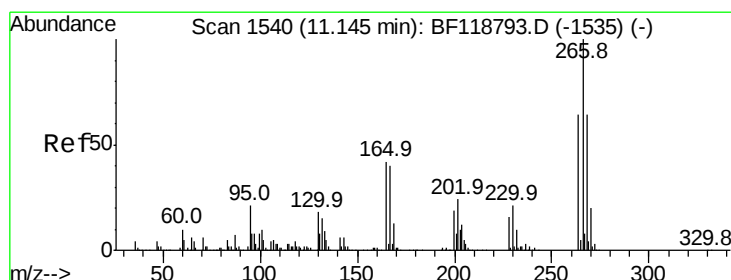
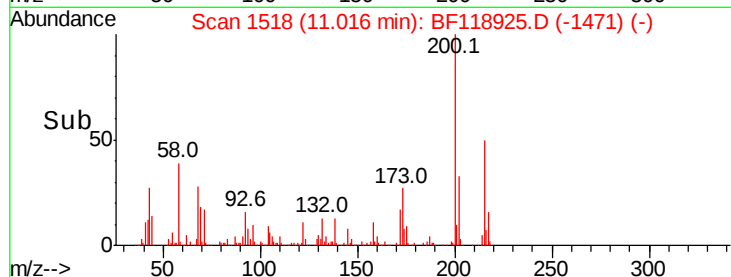
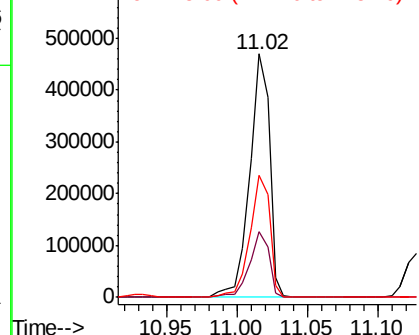


Abundance

Ion 200.00 (199.70 to 200.70): E

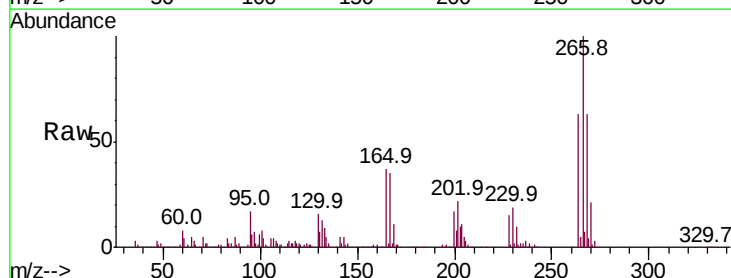
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.535 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.6
264	63.4	51.4	77.2

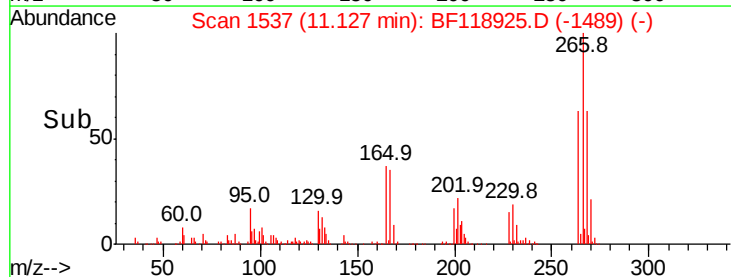
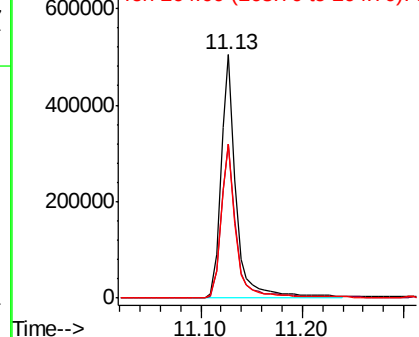


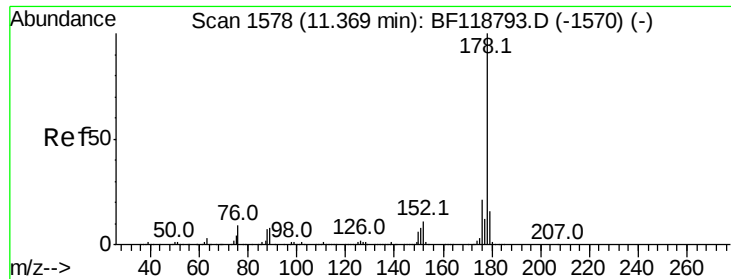
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





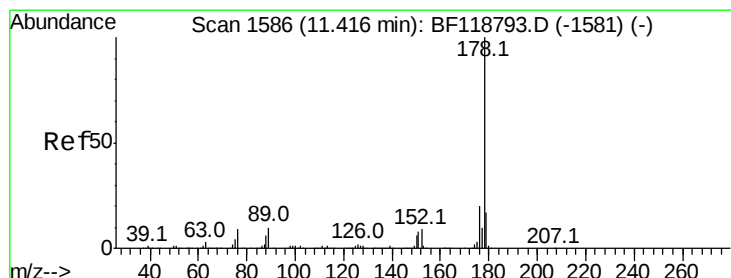
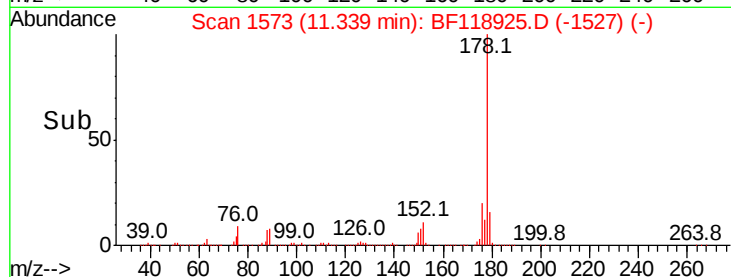
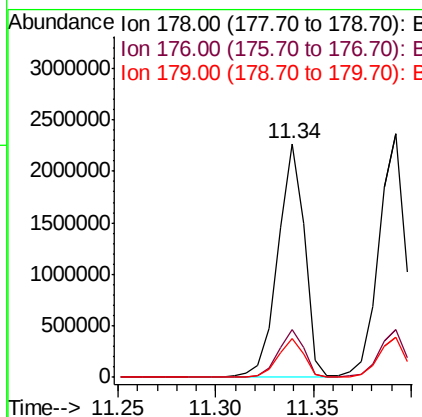
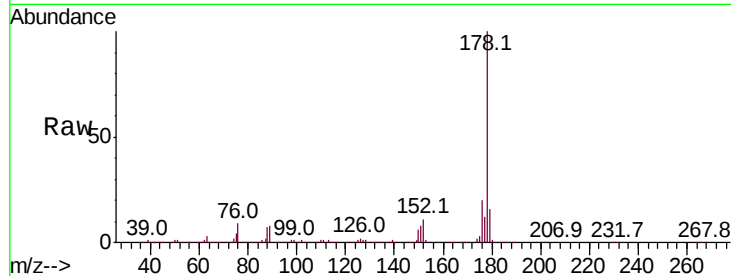
#71
Phenanthrene
Concen: 49.791 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion:178 Resp: 2143349
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 16.4 13.2 19.8

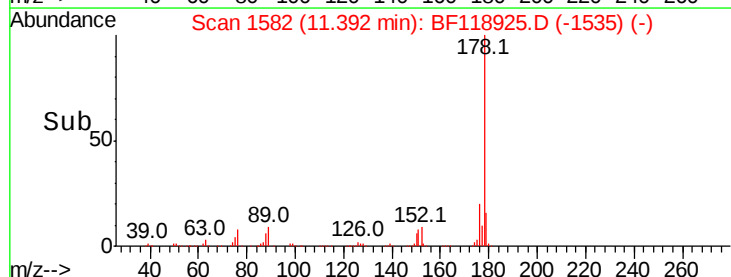
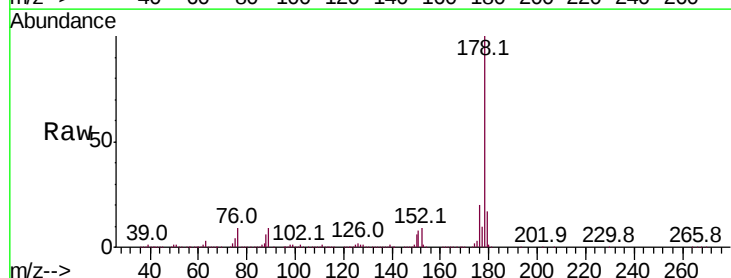
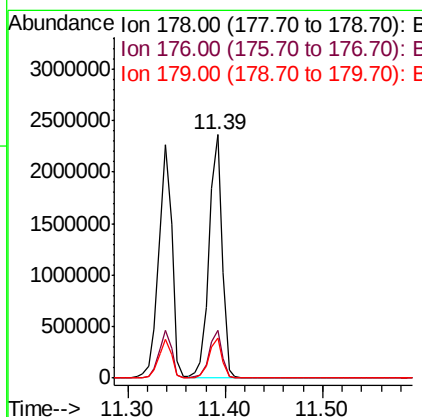
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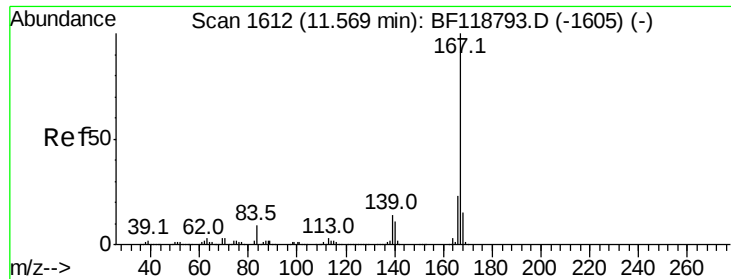
mohammad
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#72
Anthracene
Concen: 51.411 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion:178 Resp: 2201625
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.5 13.4 20.2





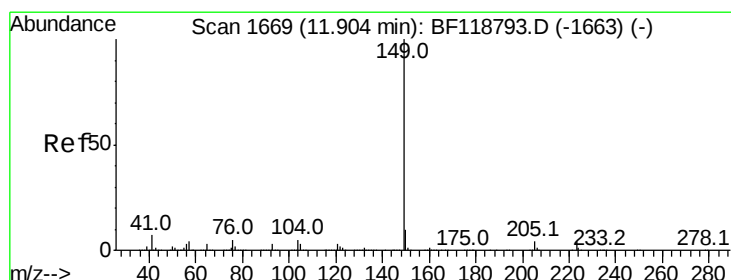
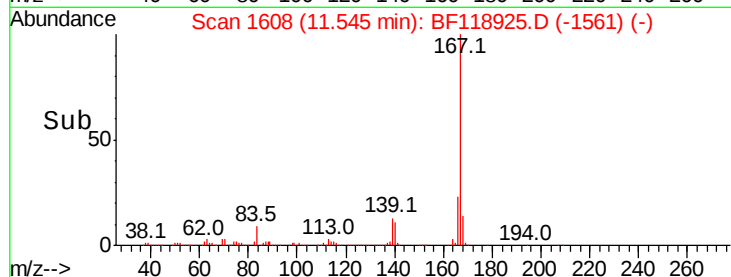
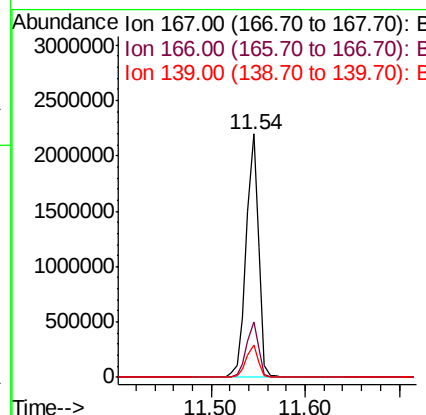
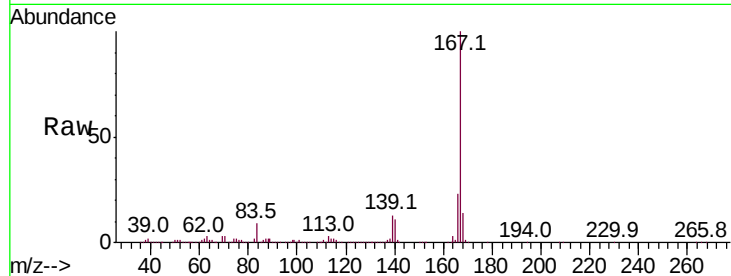
#73
 Carbazole
 Concen: 53.689 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	13.4	11.1	16.7

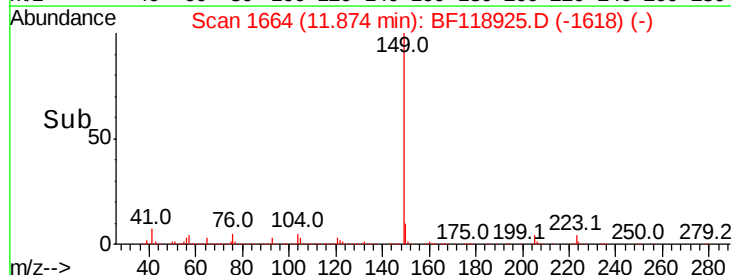
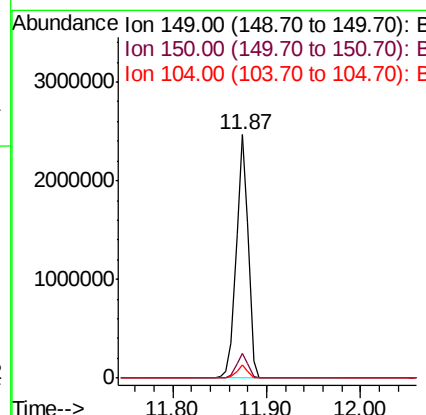
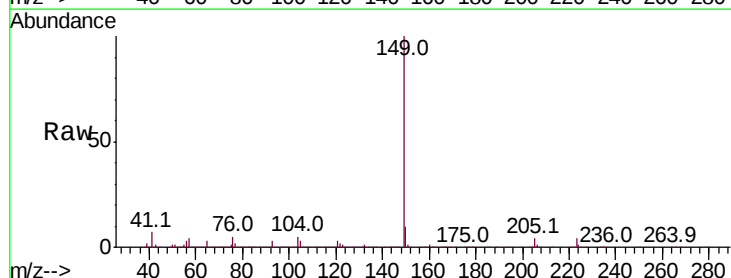
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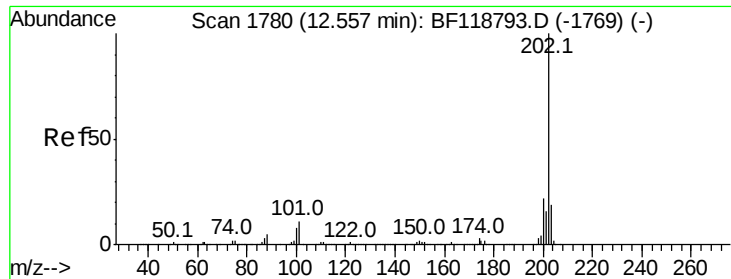
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.212 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.2	4.3	6.5





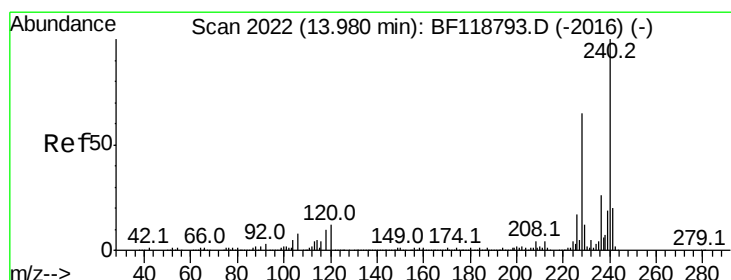
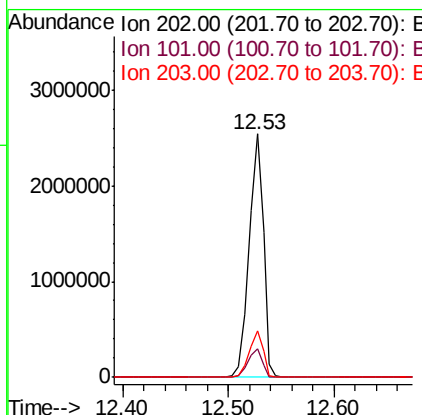
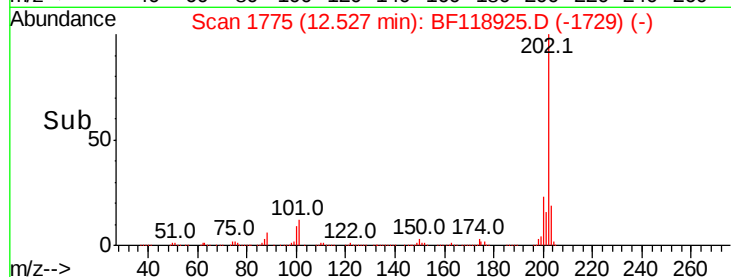
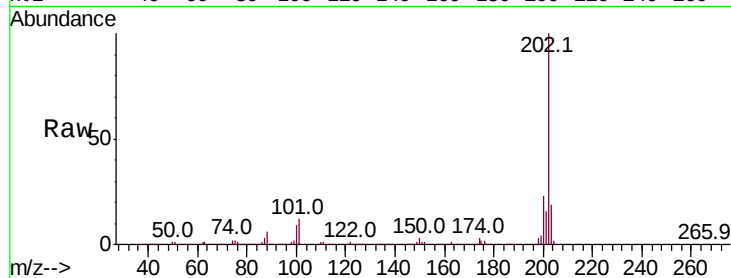
#75
 Fluoranthene
 Concen: 50.876 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.0
203	19.2	0.0	38.7

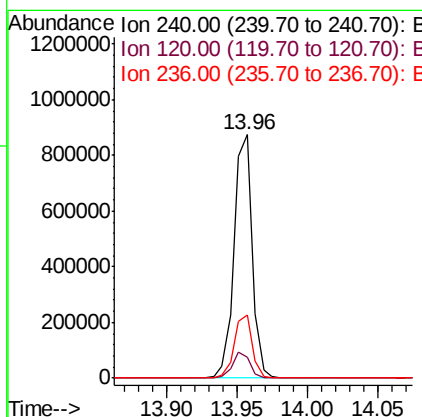
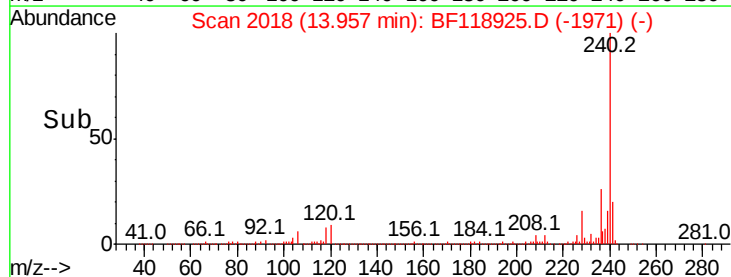
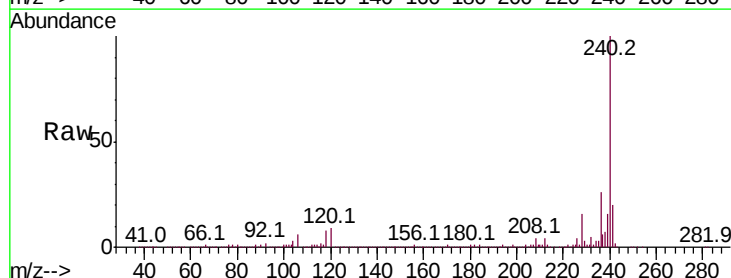
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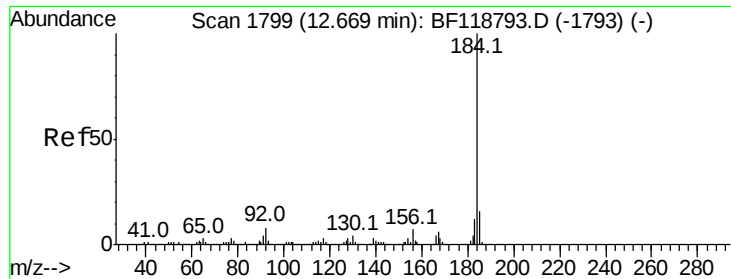
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.4	14.0#
236	26.0	21.0	31.6





#77

Benzidine

Concen: 36.151 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

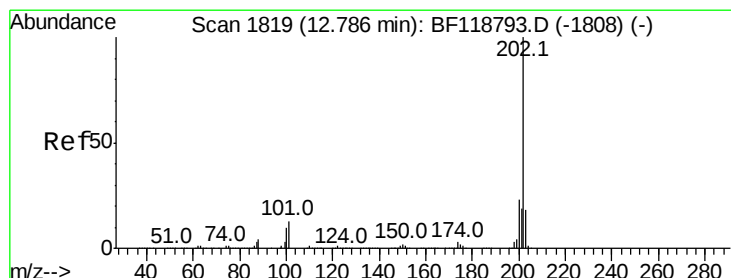
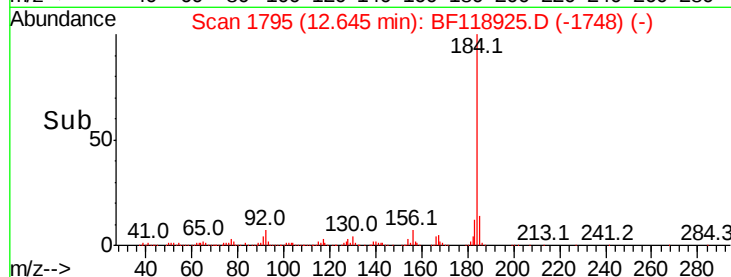
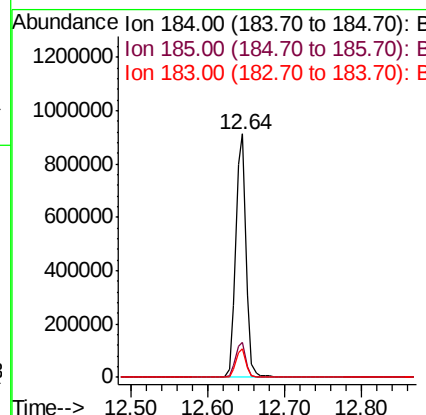
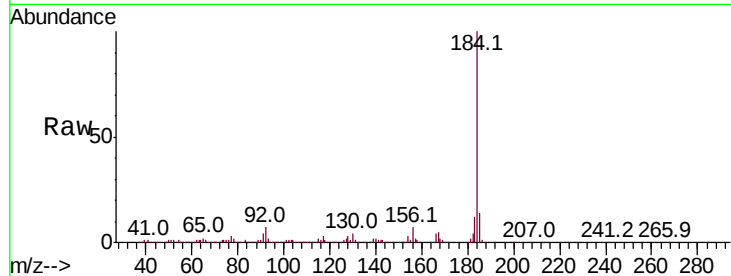
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	184	Resp:	857507
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.5	18.7
183	11.6	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 45.632 ng

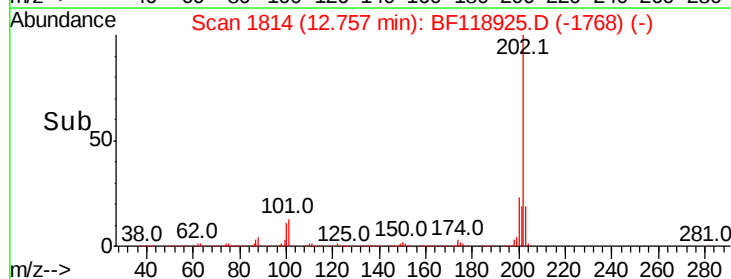
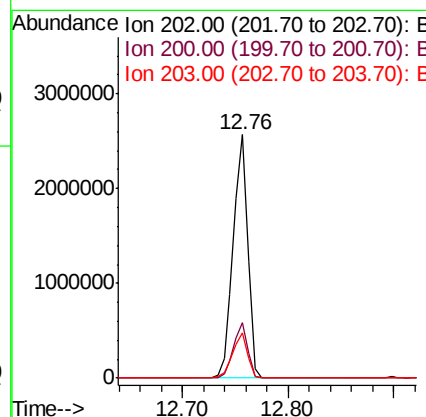
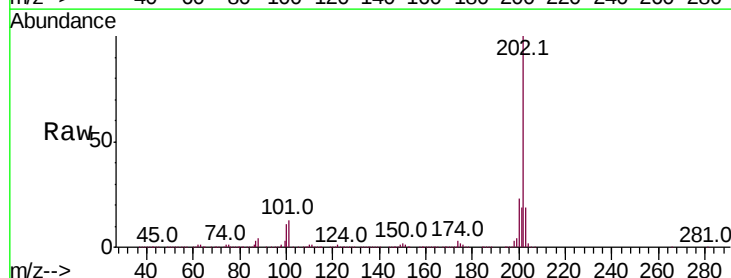
RT: 12.76 min Scan# 1814

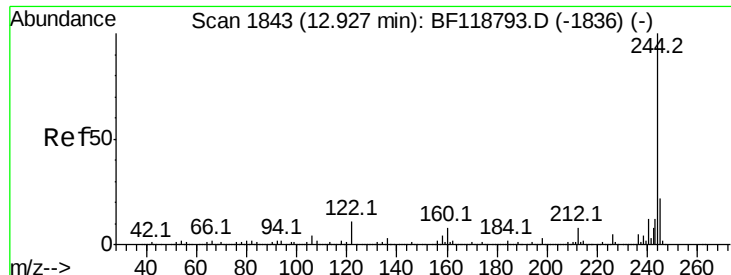
Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	202	Resp:	2455088
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.2
203	18.7	14.8	22.2





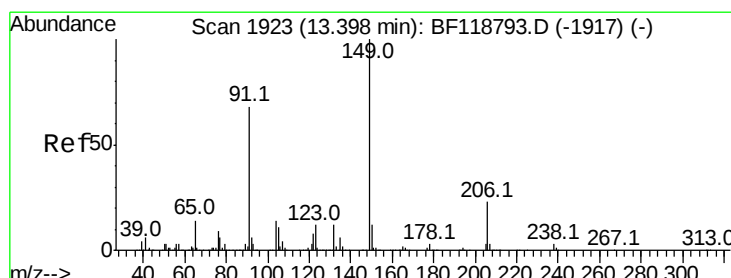
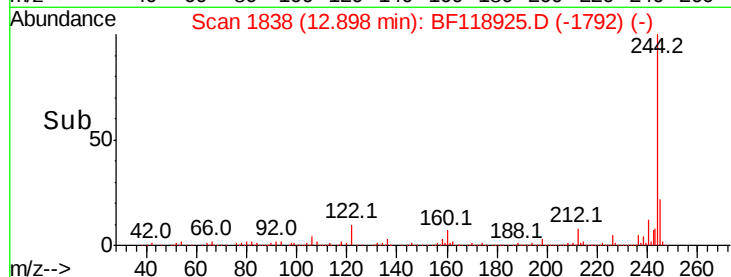
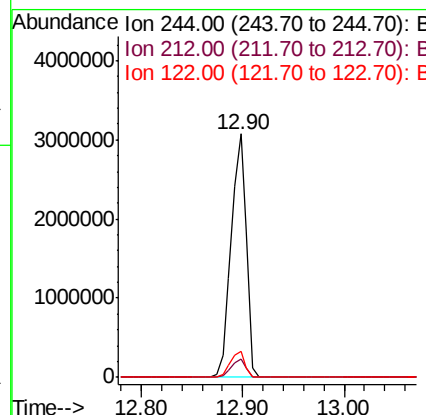
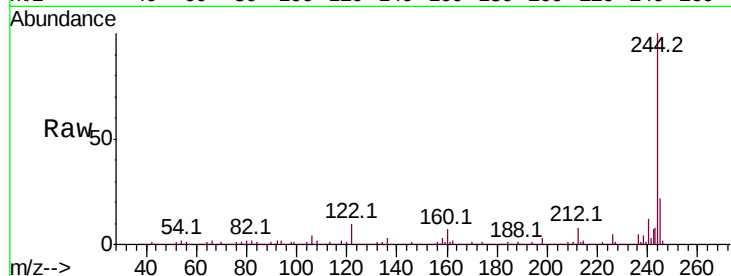
#79
 Terphenyl-d14
 Concen: 83.843 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.5	8.9	13.3

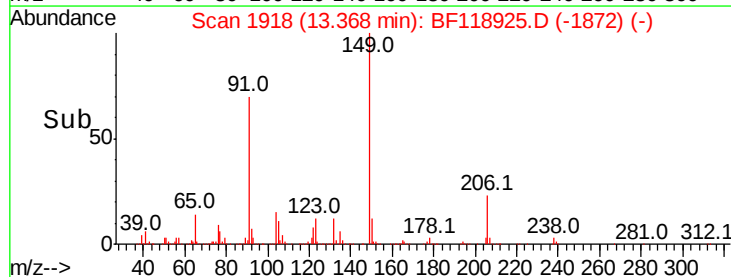
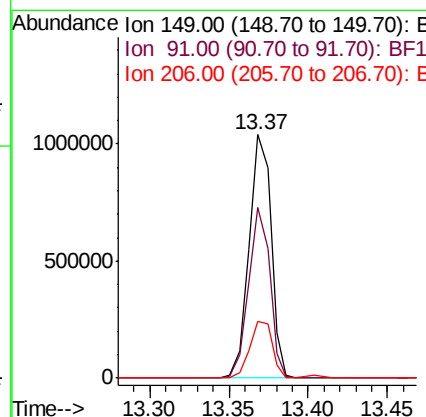
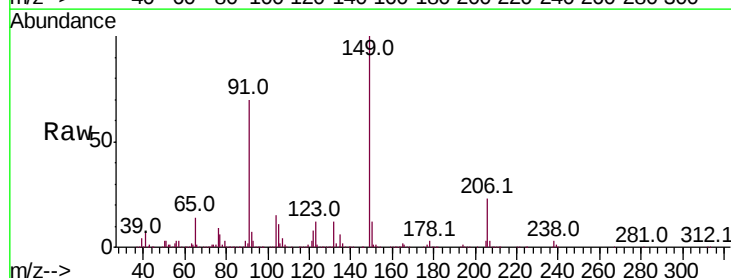
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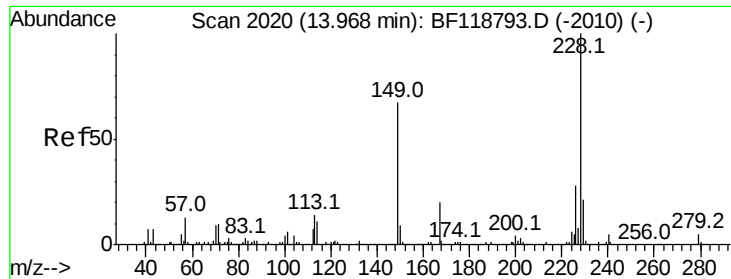
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#80
 Butylbenzylphthalate
 Concen: 40.727 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	54.7	82.1
206	23.3	18.5	27.7





#81

Benzo(a)anthracene

Concen: 48.285 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

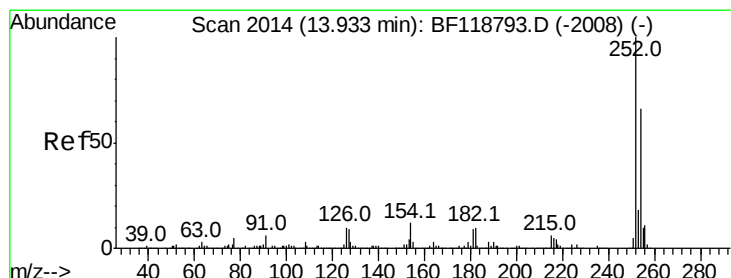
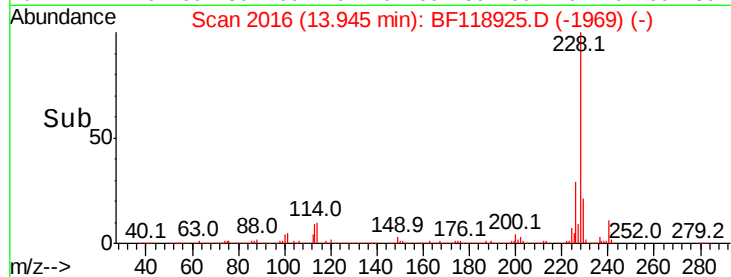
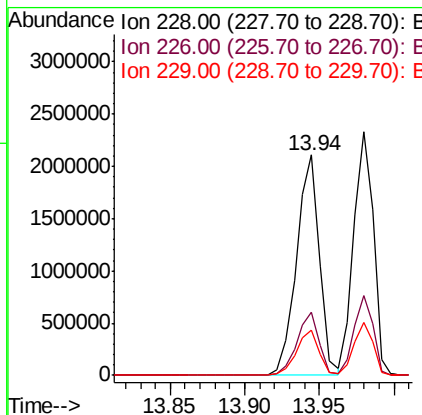
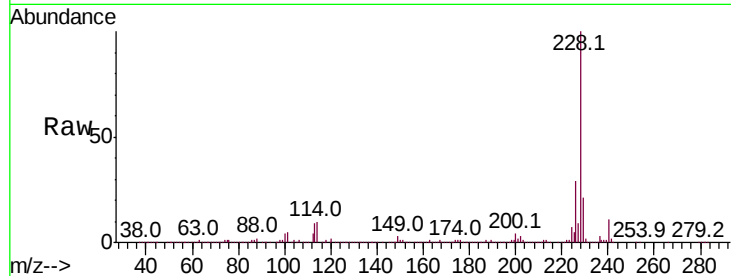
ClientSampleId :

2S-SECTION-FMSD

Tot Ion:	228	Resp:	2253310
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.7	16.6	25.0

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#82

3,3'-Dichlorobenzidine

Concen: 10.005 ng

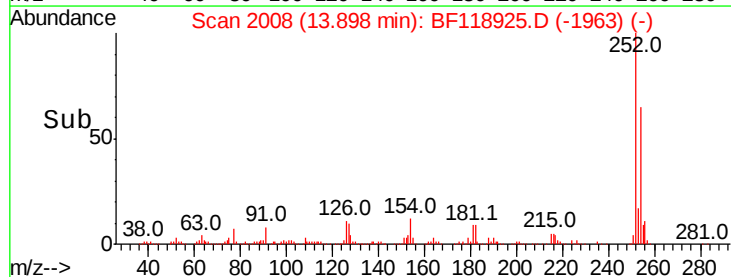
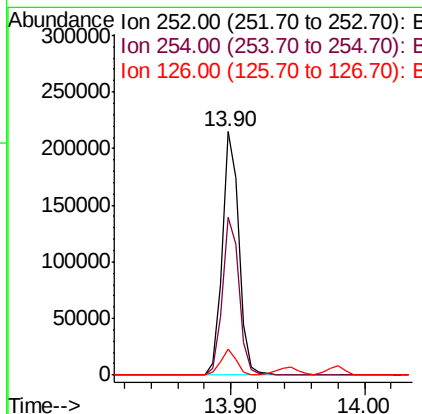
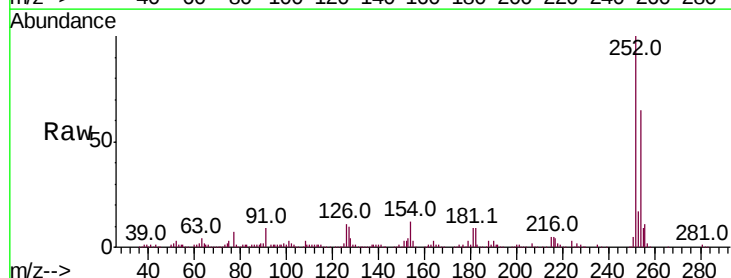
RT: 13.90 min Scan# 2008

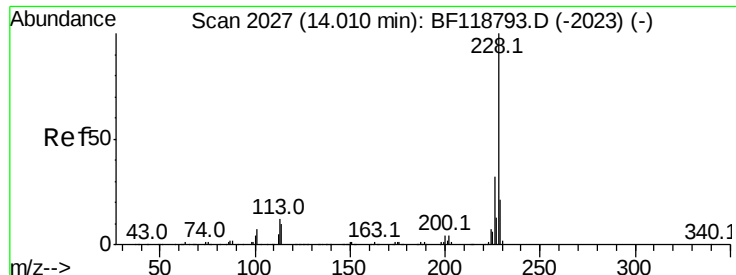
Delta R.T. -0.04 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Tgt Ion:	252	Resp:	190963
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.4	78.6
126	10.9	7.8	11.8





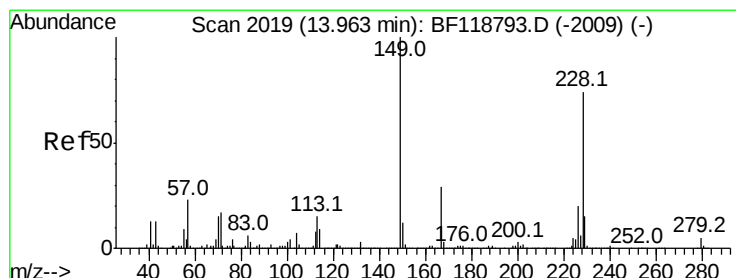
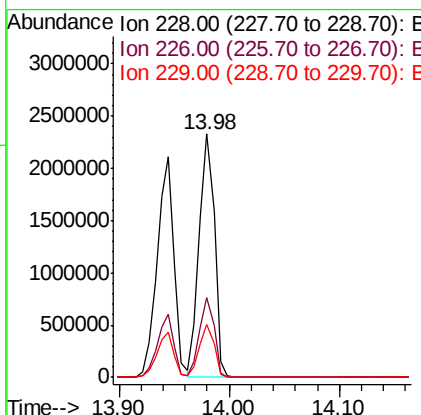
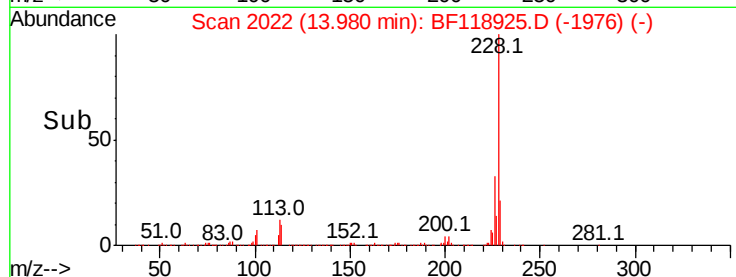
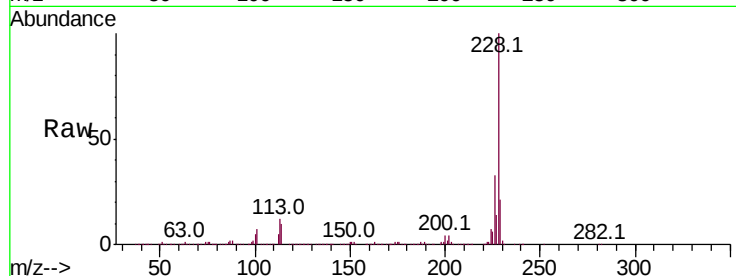
#83
 Chrvsene
 Concen: 46.335 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-FMSD

Tot Ion:228 Resp: 2170224
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.4 38.0
 229 21.5 16.9 25.3

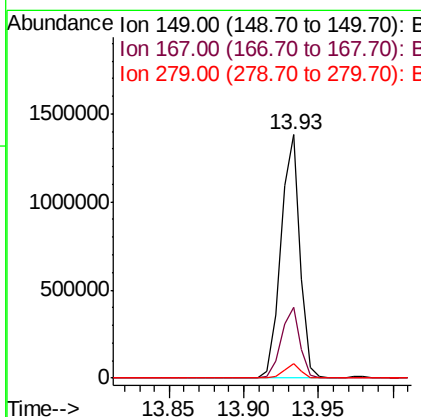
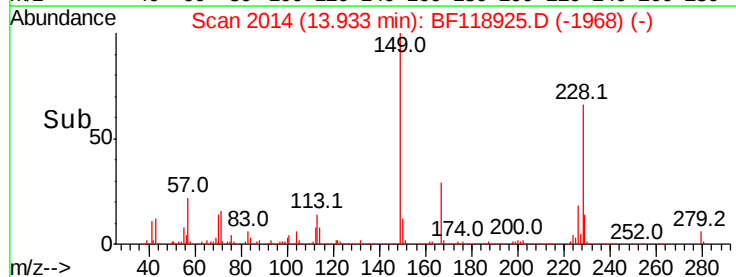
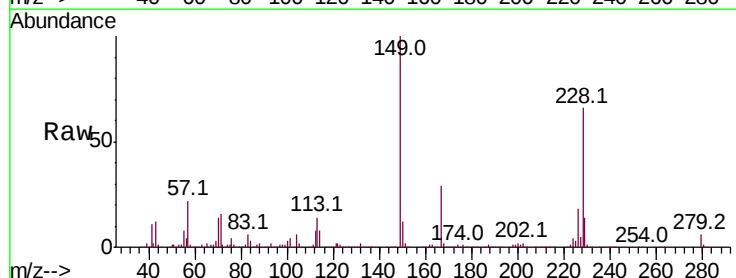
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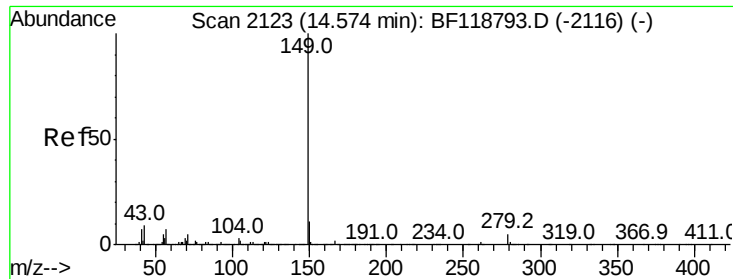
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.825 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.03 min
 Lab File: BF118925.D
 Acq: 13 Feb 2020 17:57

Tgt Ion:149 Resp: 1240752
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.0 34.6
 279 5.8 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 40.638 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.04 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:149 Resp: 2168983

Ion Ratio Lower Upper

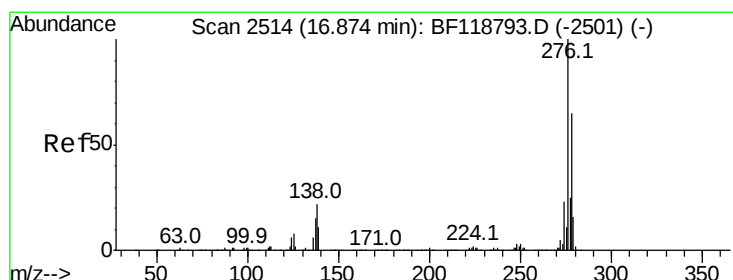
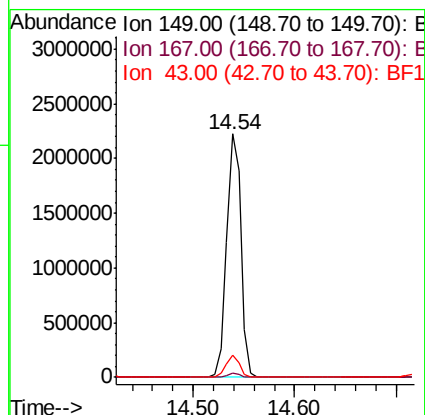
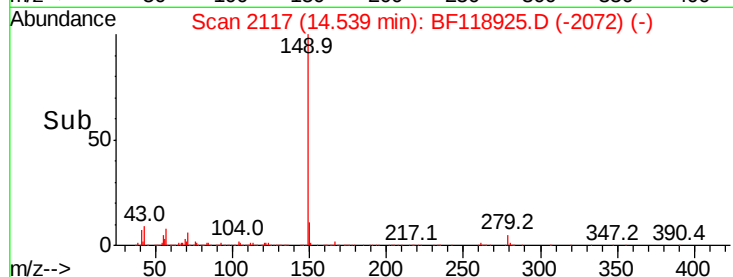
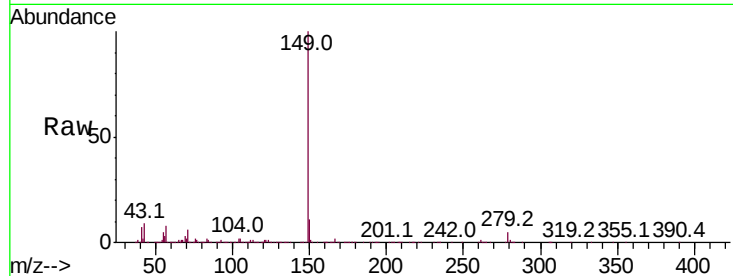
149 100

167 1.7 1.4 2.0

43 8.4 6.6 10.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.226 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.04 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

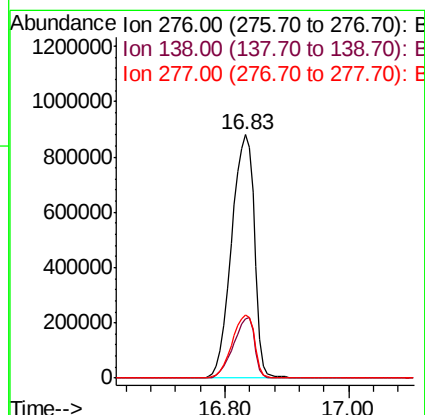
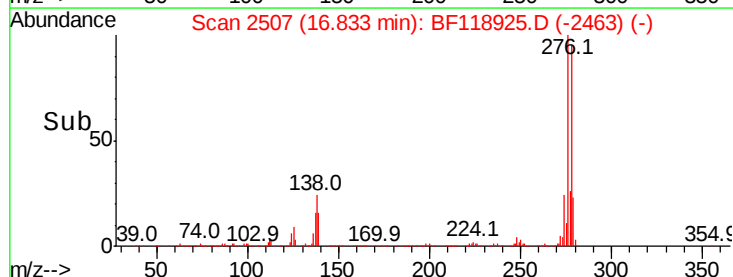
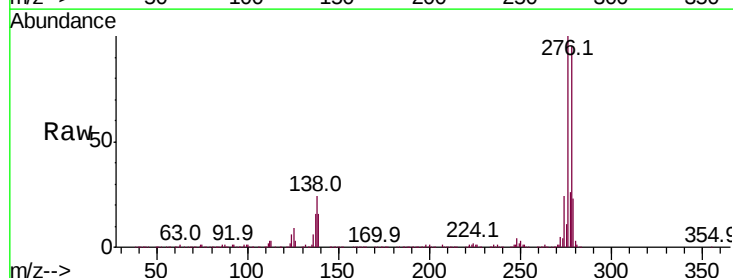
Tgt Ion:276 Resp: 2269474

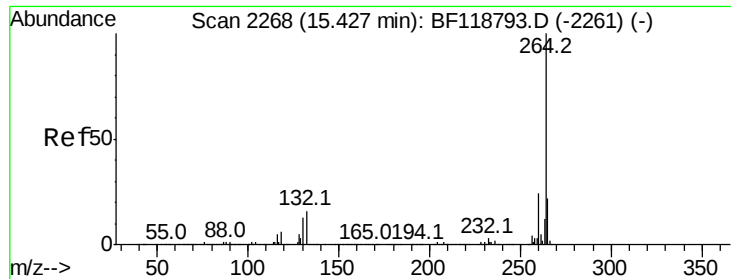
Ion Ratio Lower Upper

276 100

138 23.3 18.3 27.5

277 25.6 20.2 30.4





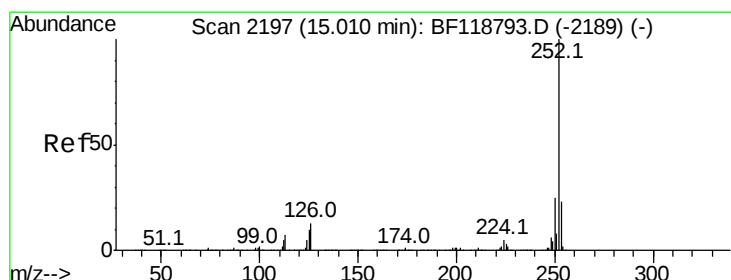
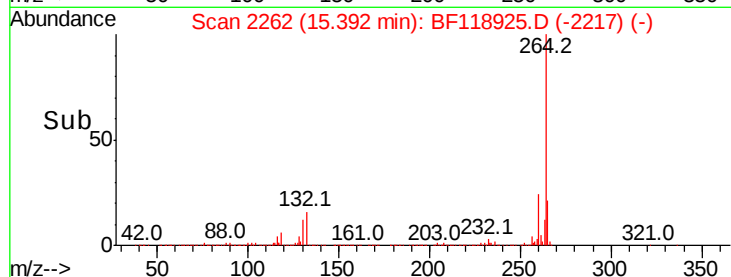
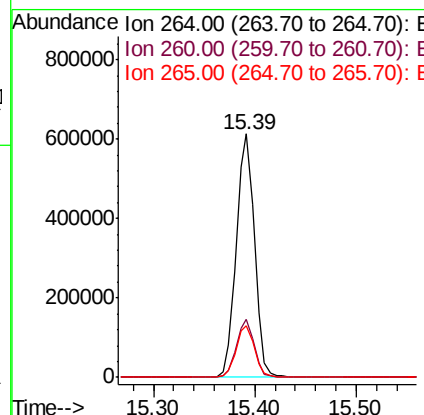
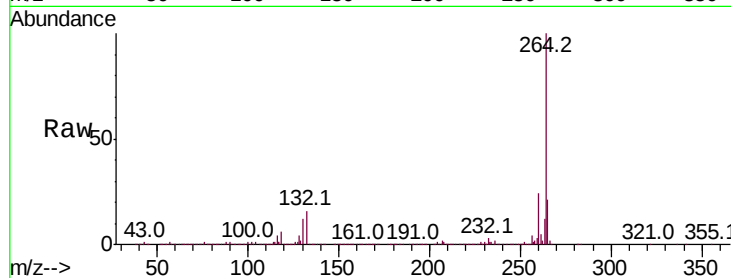
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.04 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.2	25.8

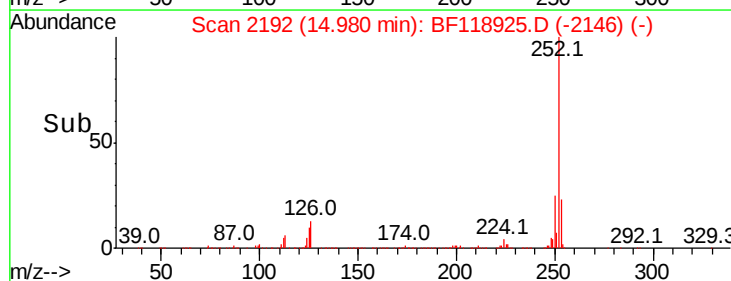
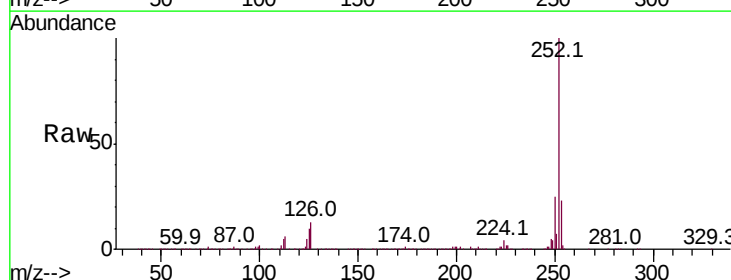
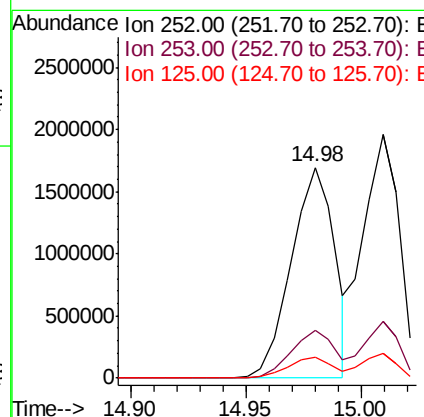
Manual Integrations
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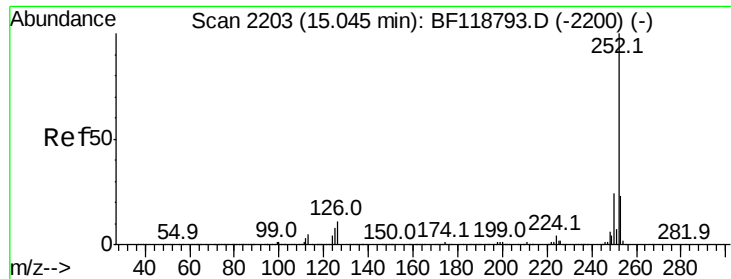
mohammad
2/17/2020 3:46:06 PM



#88
Benzo(b)fluoranthene
Concen: 46.500 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	9.9	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 51.829 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-FMSD

Tot Ion:252 Resp: 2147482

Ion Ratio Lower Upper

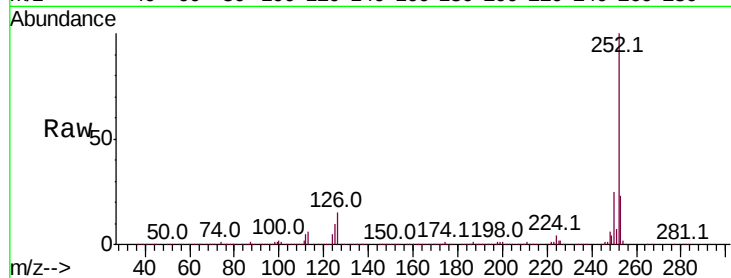
252 100

253 23.3 18.2 27.4

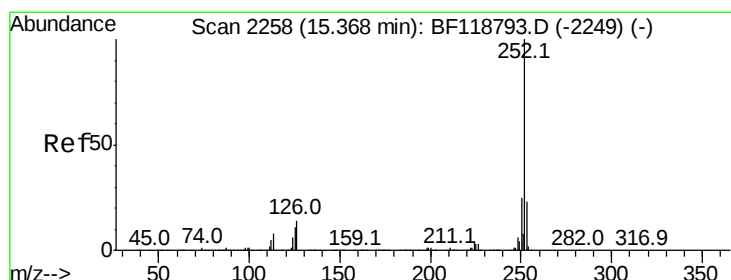
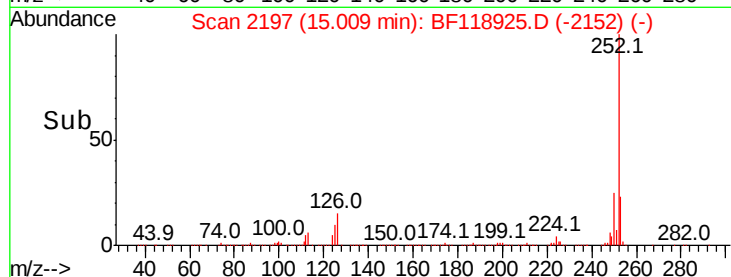
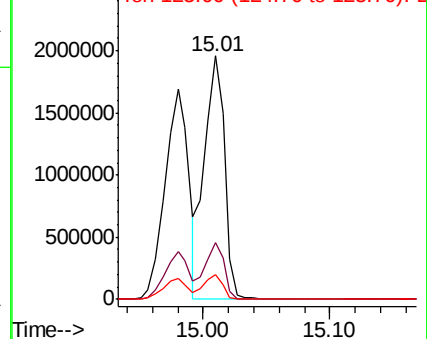
125 10.1 7.0 10.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.631 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.03 min

Lab File: BF118925.D

Acq: 13 Feb 2020 17:57

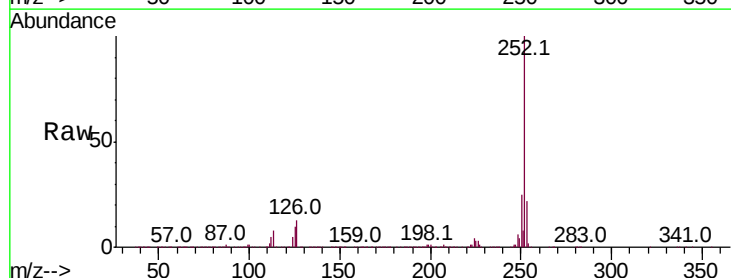
Tgt Ion:252 Resp: 1980272

Ion Ratio Lower Upper

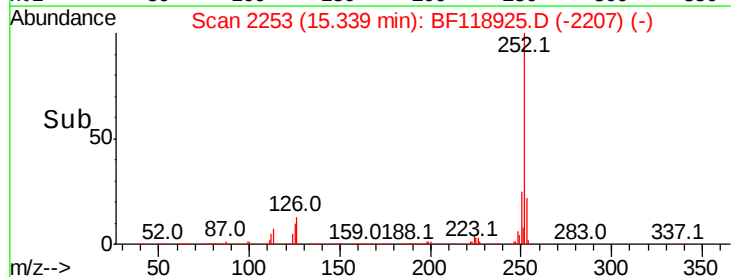
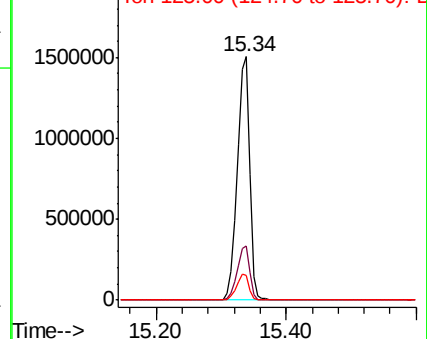
252 100

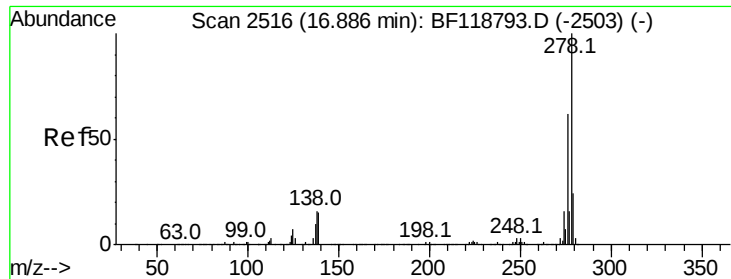
253 22.5 18.1 27.1

125 10.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





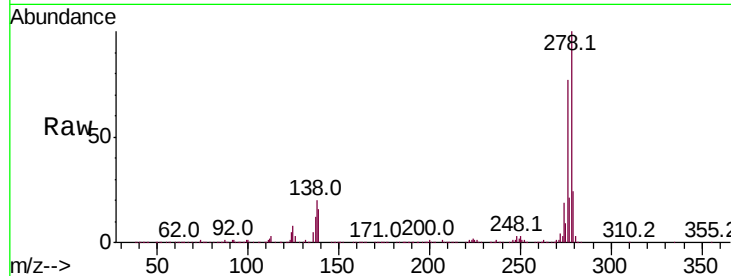
#91
Dibenzo(a,h)anthracene
Concen: 51.569 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.05 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.2	19.1	28.7

Manual Integrations
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mohammad
2/17/2020 3:46:06 PM

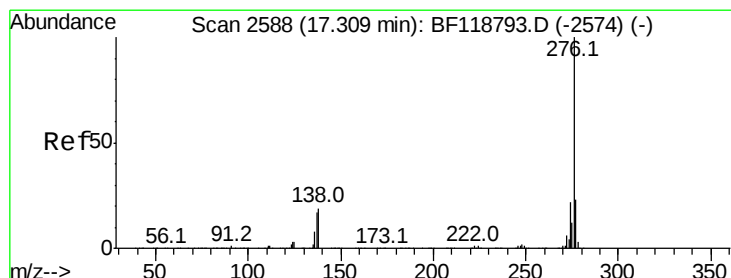
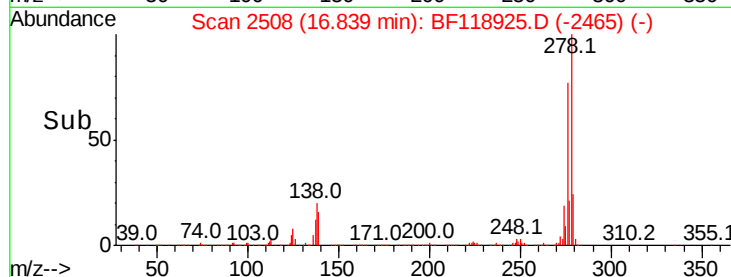
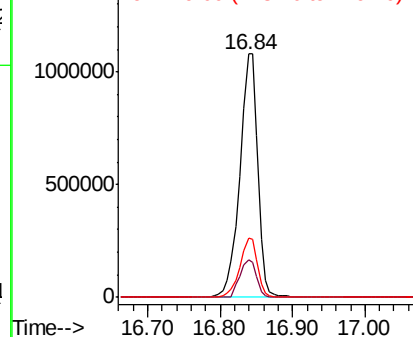


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.405 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.05 min
Lab File: BF118925.D
Acq: 13 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	19.9	15.4	23.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

