

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118825.D
 Acq On : 5 Feb 2020 12:45
 Operator : CG/JU
 Sample : L1360-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
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 2/6/2020 2:18:54 PM

Quant Time: Feb 06 11:34:01 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	6.81	152	207498	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	794858	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	451239	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	919611	20.00	ng	0.00
76) Chrysene-d12	13.97	240	861910	20.00	ng	0.00
87) Perylene-d12	15.42	264	1030223	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1053982	96.15	ng	0.00
7) Phenol-d6	6.45	99	1319997	97.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	839725	62.97	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516038	95.58	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1777762	70.43	ng	-0.01
79) Terphenyl-d14	12.92	244	2644316	63.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	170581	34.146	ng	100
3) Pyridine	3.31	79	433243	31.232	ng	99
4) n-Nitrosodimethylamine	3.24	42	193064	38.227	ng	96
6) Aniline	6.47	93	344268	19.644	ng	94
8) 2-Chlorophenol	6.60	128	533220	43.673	ng	98
9) Benzaldehyde	6.36	77	247384	28.597	ng	100
10) Phenol	6.46	94	636171	42.046	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	480389	41.500	ng	99
12) 1,3-Dichlorobenzene	6.76	146	572809	39.414	ng	97
13) 1,4-Dichlorobenzene	6.83	146	588148	40.572	ng	99
14) 1,2-Dichlorobenzene	6.99	146	548074	39.578	ng	99
15) Benzyl Alcohol	6.95	79	448947	42.684	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	548088	38.664	ng	97
17) 2-Methylphenol	7.07	107	422894	41.661	ng	99
18) Hexachloroethane	7.33	117	201727	38.772	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	335942	40.350	ng	97
20) 3+4-Methylphenols	7.22	107	518266	40.733	ng	# 90
22) Acetophenone	7.22	105	676116	39.151	ng	# 98
24) Nitrobenzene	7.39	77	533066	40.014	ng	97
25) Isophorone	7.63	82	956745	39.920	ng	99
26) 2-Nitrophenol	7.71	139	295107	41.572	ng	99
27) 2,4-Dimethylphenol	7.75	122	429772	44.568	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	585764	37.692	ng	99
29) 2,4-Dichlorophenol	7.95	162	469382	40.645	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	516817	38.288	ng	99
31) Naphthalene	8.12	128	1502861	41.340	ng	99
32) Benzoic acid	7.87	122	315321	39.494	ng	97
33) 4-Chloroaniline	8.16	127	192396	11.829	ng	97
34) Hexachlorobutadiene	8.24	225	301630	36.474	ng	99
35) Caprolactam	8.53	113	161601m	43.166	ng	
36) 4-Chloro-3-methylphenol	8.65	107	482225	41.493	ng	98
37) 2-Methylnaphthalene	8.81	142	1058907	41.999	ng	99
38) 1-Methylnaphthalene	8.91	142	985339	41.544	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	514683	37.792	ng	99

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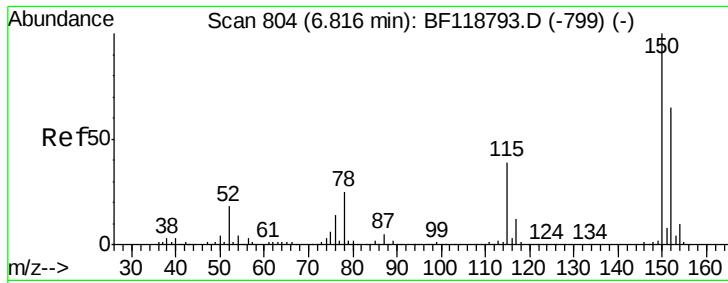
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Quant Time: Feb 06 11:34:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	484685	90.763	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	364497	40.024	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	382976	41.157	nq	98
46) 1,1'-Biphenyl	9.27	154	1278472	40.958	nq	98
47) 2-Chloronaphthalene	9.30	162	1018157	39.236	nq	98
48) 2-Nitroaniline	9.39	65	290197	38.774	nq	93
49) Acenaphthylene	9.71	152	1586111	42.333	nq	99
50) Dimethylphthalate	9.57	163	1298098	42.249	nq	99
51) 2,6-Dinitrotoluene	9.63	165	287534	40.900	nq	91
52) Acenaphthene	9.89	154	1089194	44.116	nq	99
53) 3-Nitroaniline	9.79	138	134986	17.313	nq	94
54) 2,4-Dinitrophenol	9.91	184	287336	85.019	nq	# 89
55) Dibenzofuran	10.06	168	1452033	40.695	nq	98
56) 4-Nitrophenol	9.96	139	506099	89.689	nq	99
57) 2,4-Dinitrotoluene	10.03	165	402686	43.283	nq	# 88
58) Fluorene	10.40	166	1103766	41.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	338986	41.714	nq	99
60) Diethylphthalate	10.27	149	1204294	40.309	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	577703	39.684	nq	94
62) 4-Nitroaniline	10.41	138	280876	35.974	nq	99
63) Azobenzene	10.55	77	1056567	41.423	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	223116	43.177	nq	94
66) n-Nitrosodiphenylamine	10.50	169	1032650	38.767	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	394878	36.299	nq	95
68) Hexachlorobenzene	10.95	284	454599	36.433	nq	96
69) Atrazine	11.03	200	395527	44.569	nq	99
70) Pentachlorophenol	11.15	266	503229	76.381	nq	98
71) Phenanthrene	11.36	178	1772346	39.171	nq	99
72) Anthracene	11.41	178	1832257	40.706	nq	98
73) Carbazole	11.56	167	1664382	42.133	nq	99
74) Di-n-butylphthalate	11.90	149	1968169	39.112	nq	99
75) Fluoranthene	12.55	202	2076131	42.026	nq	99
77) Benzidine	12.66	184	904172	34.684	nq	99
78) Pyrene	12.77	202	2135481	36.115	nq	99
80) Butylbenzylphthalate	13.39	149	956306	35.434	nq	97
81) Benzo(a)anthracene	13.96	228	2026836	39.518	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	527311	25.138	nq	99
83) Chrysene	14.00	228	2007851	39.005	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1274499	37.222	nq	100
85) Di-n-octyl phthalate	14.56	149	2325003	39.636	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2485710	48.061	nq	100
88) Benzo(b)fluoranthene	15.00	252	2418931	37.839	nq	99
89) Benzo(k)fluoranthene	15.03	252	2031705	36.497	nq	100
90) Benzo(a)pyrene	15.36	252	2048183	37.437	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	2061626	42.449	nq	99
92) Benzo(g,h,i)perylene	17.29	276	2006381	42.956	nq	100

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



#1

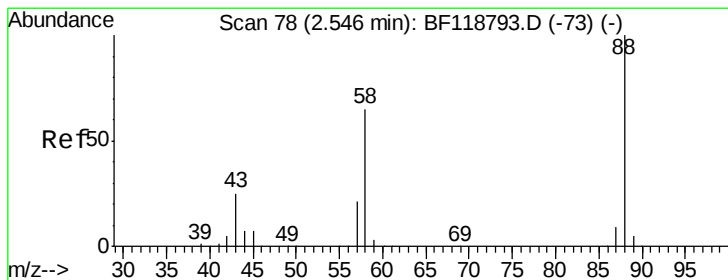
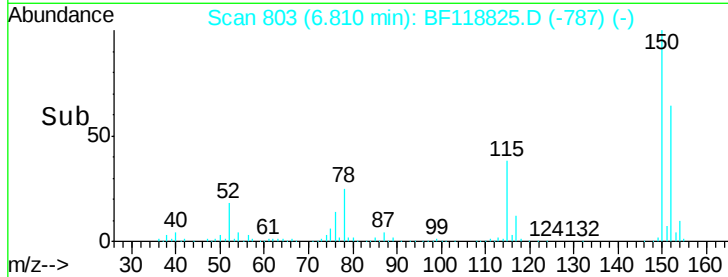
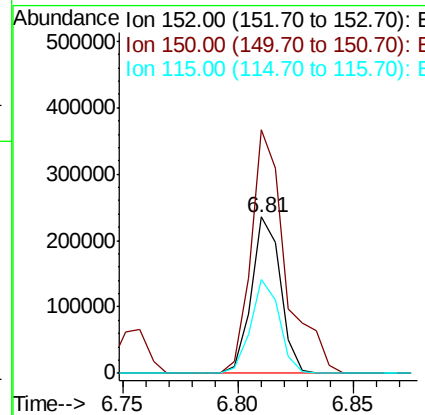
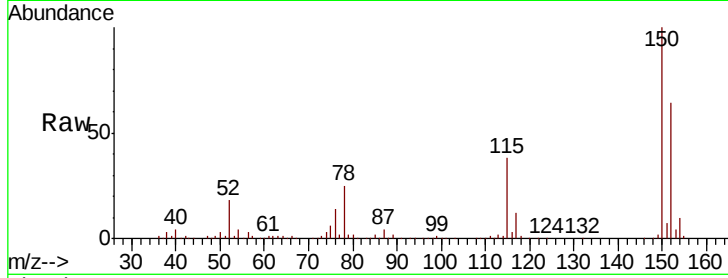
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.6	185.4
115	60.0	48.2	72.2

Manual Integrations
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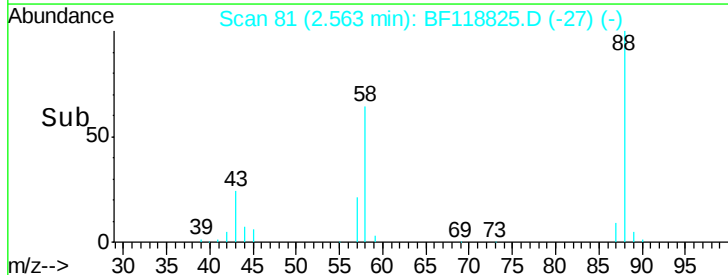
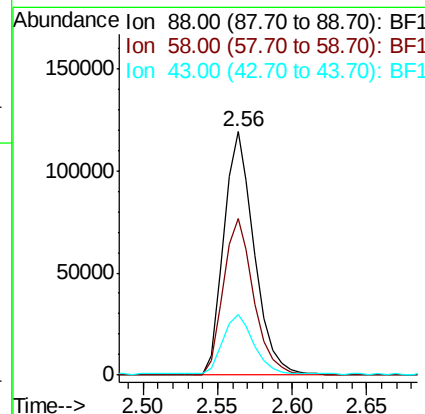
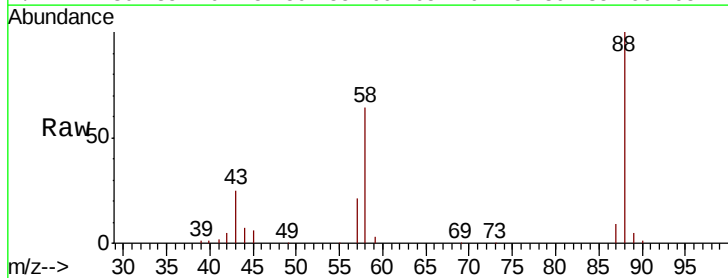
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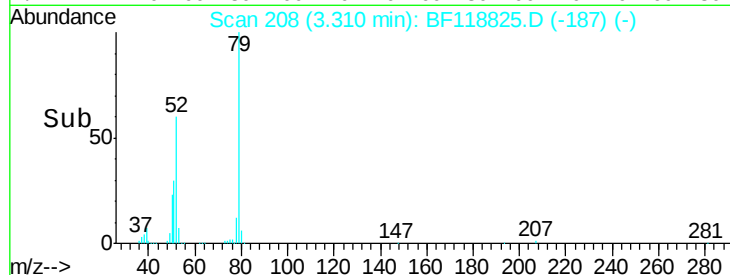
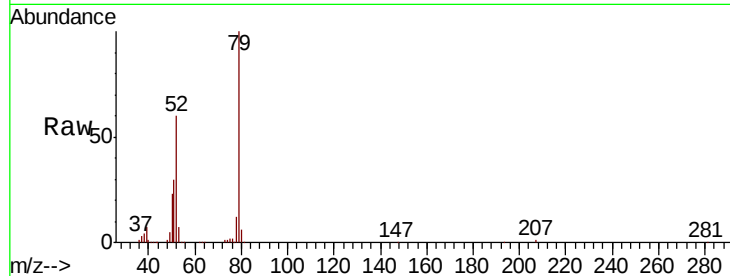
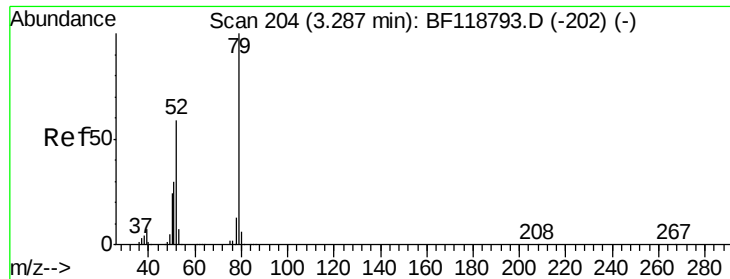


#2

1,4-Dioxane
Concen: 34.146 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.6	77.4
43	24.3	19.8	29.6





#3

Pvridine

Concen: 31.232 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.02 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tot Ion:	79	Resp:	433243
Ion Ratio	Lower	Upper	
79	100		
52	60.3	47.4	71.0
51	30.1	24.2	36.4

Instrument :

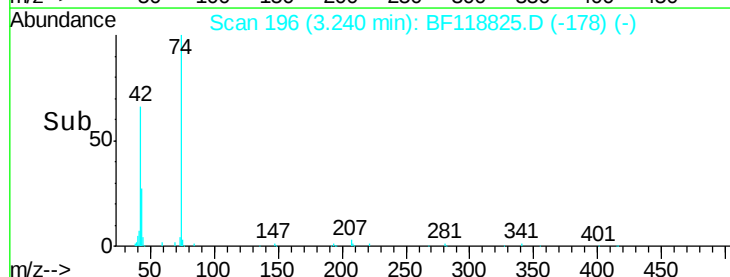
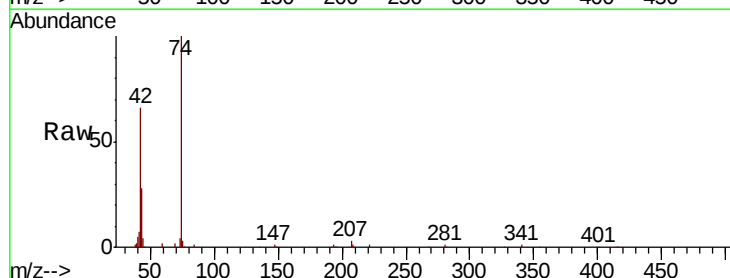
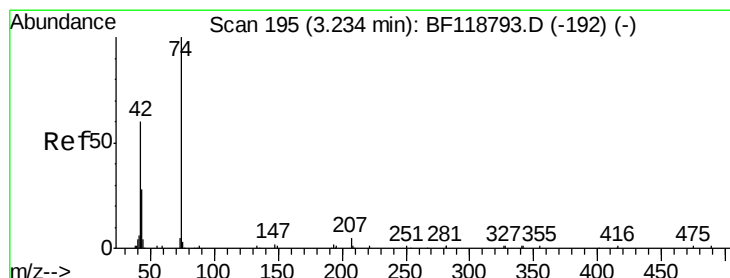
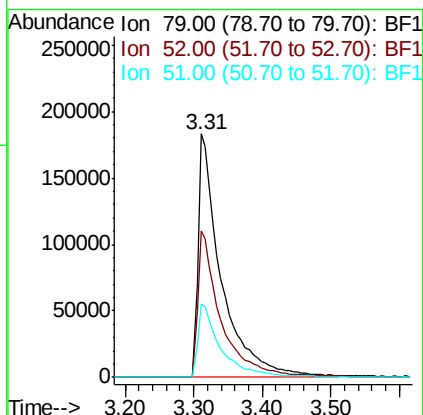
BNA_F

ClientSampleId :

TP-1MSD

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#4

n-Nitrosodimethylamine

Concen: 38.227 ng

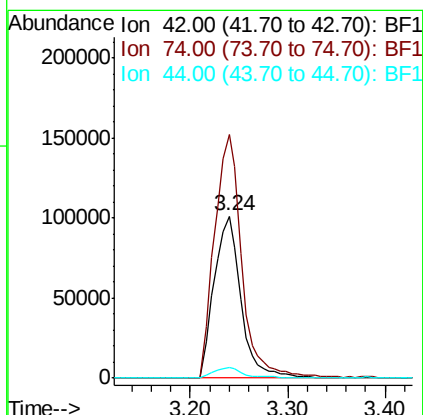
RT: 3.24 min Scan# 196

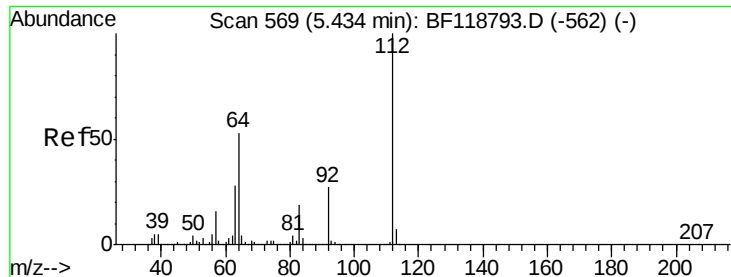
Delta R.T. 0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	42	Resp:	193064
Ion Ratio	Lower	Upper	
42	100		
74	150.4	124.3	186.5
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 96.151 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

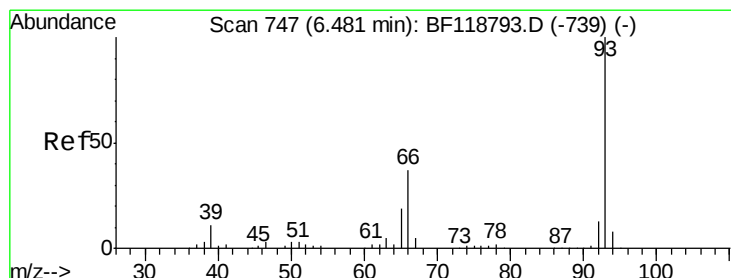
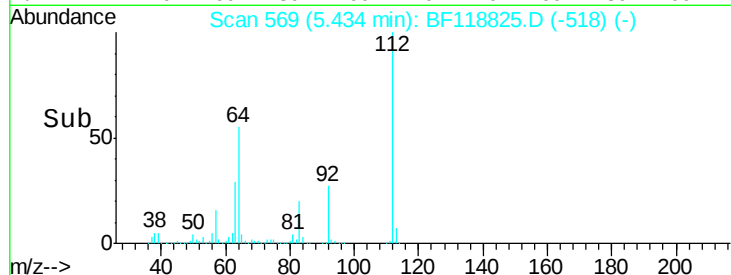
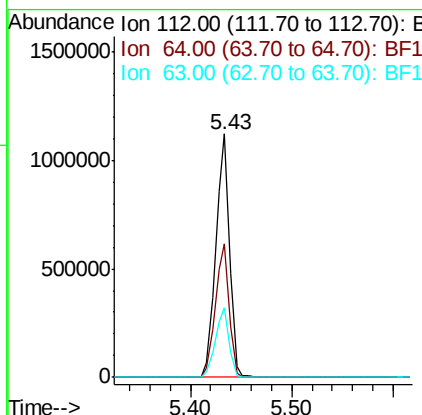
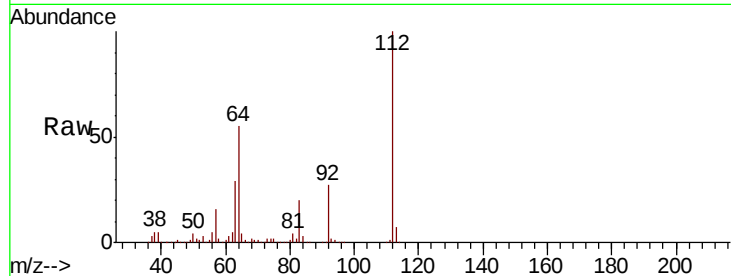
ClientSampleId :

TP-1MSD

Tot Ion:	112	Resp:	1053982
Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.6	63.8
63	28.8	22.2	33.4

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#6

Aniline

Concen: 19.644 ng

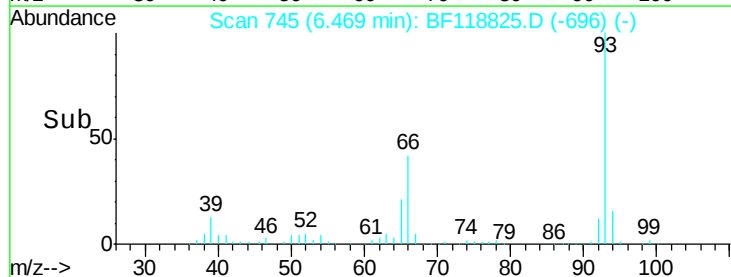
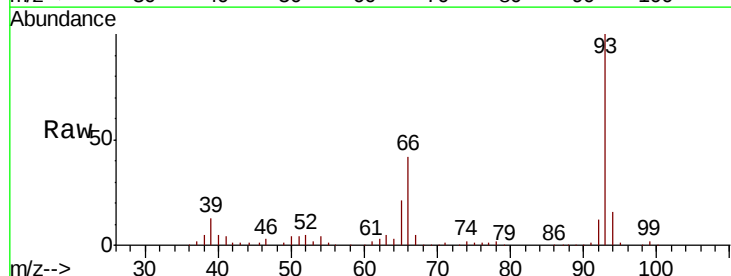
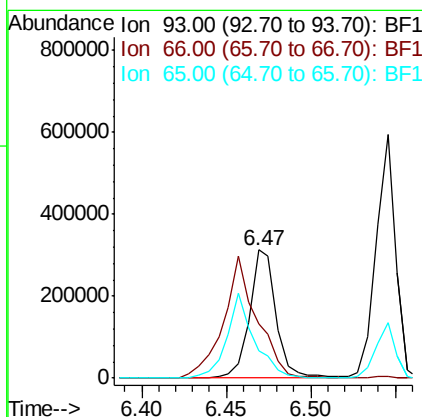
RT: 6.47 min Scan# 745

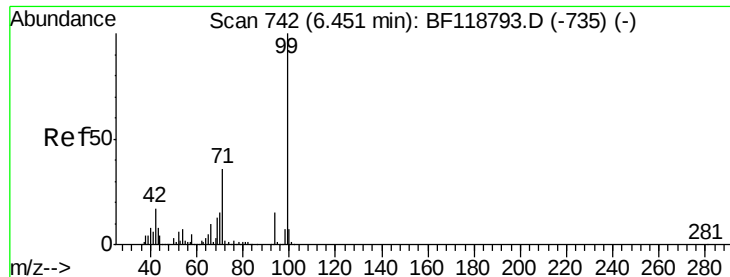
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	93	Resp:	344268
Ion	Ratio	Lower	Upper
93	100		
66	42.2	30.8	46.2
65	21.5	15.4	23.0





#7

Phenol-d6

Concen: 97.006 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion: 99 Resp: 131997

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.0

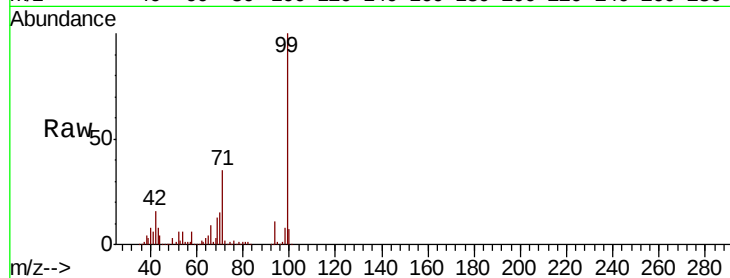
71 35.5 29.0 43.6

Manual Integrations

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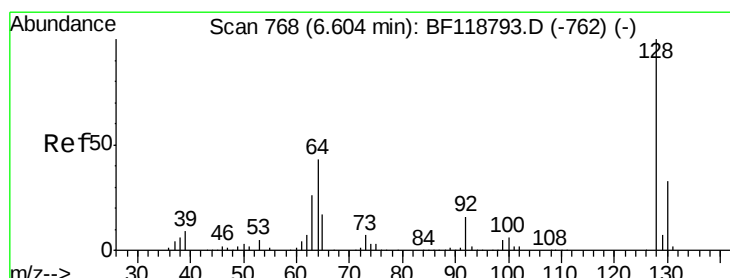
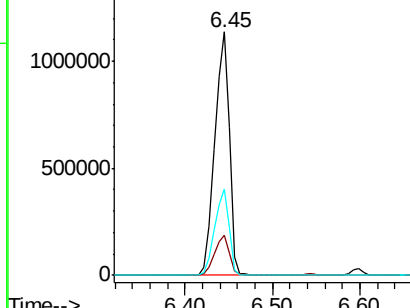
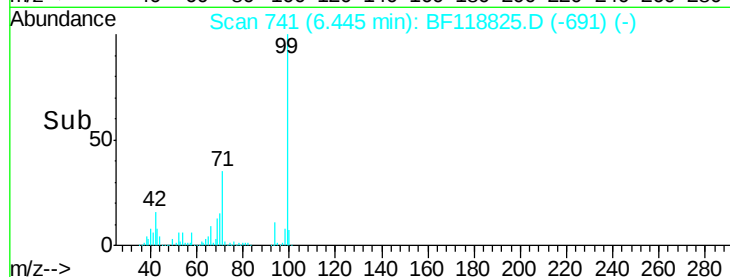
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.673 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

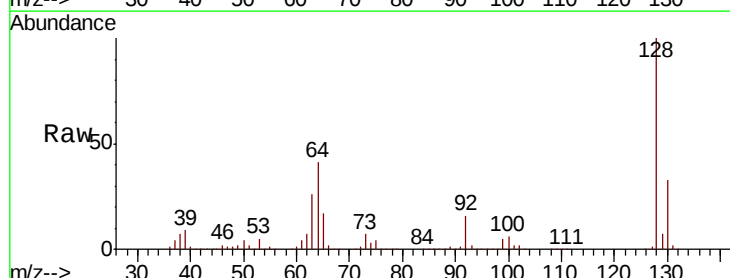
Tgt Ion: 128 Resp: 533220

Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

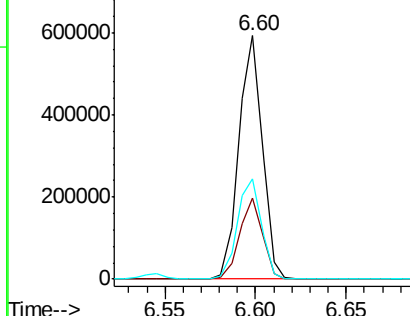
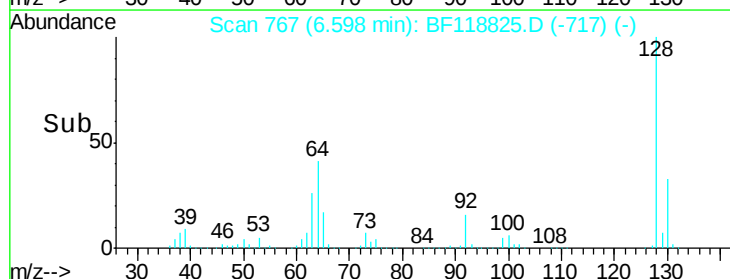
64 41.4 23.0 63.0

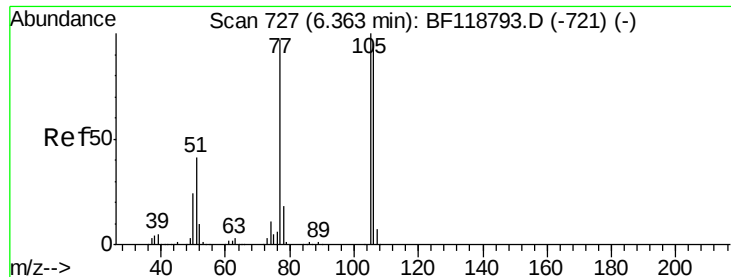


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.597 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

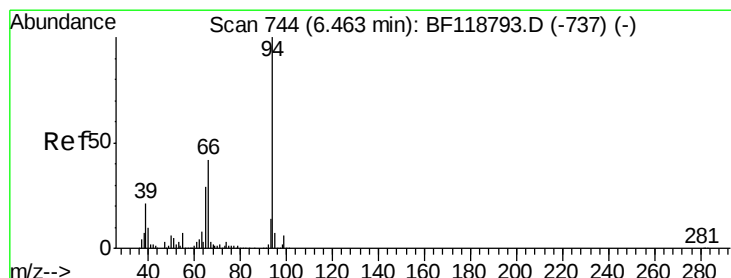
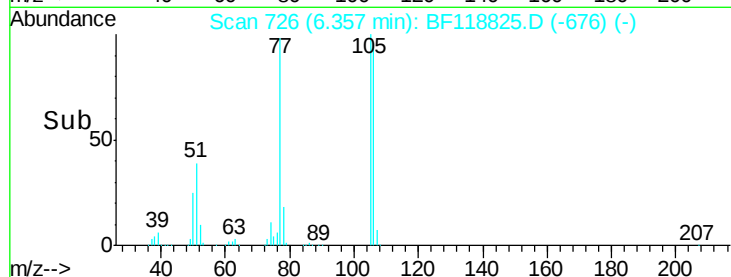
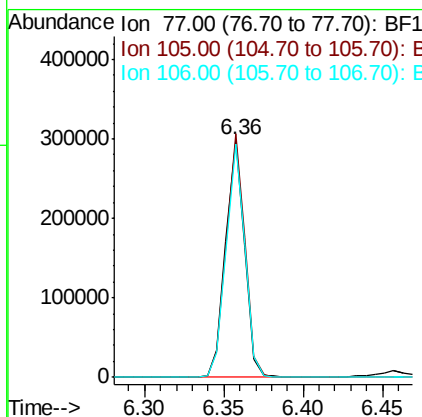
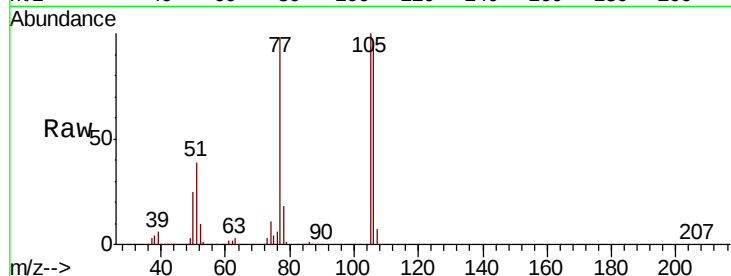
ClientSampleId :

TP-1MSD

Tot Ion:	77	Resp:	247384
Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.8	122.8
106	98.1	78.1	118.1

Manual Integrations
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#10

Phenol

Concen: 42.046 ng

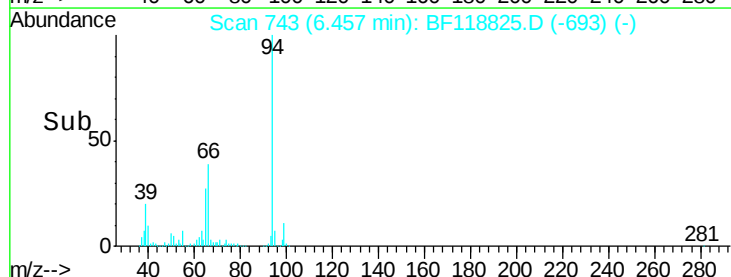
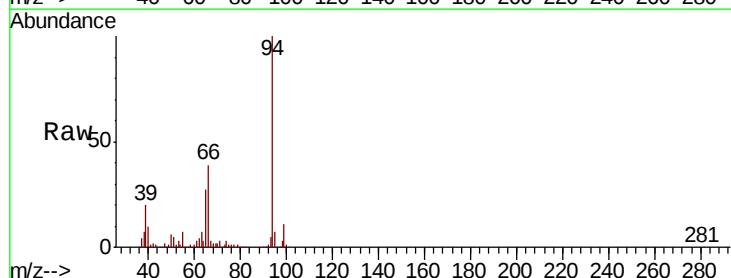
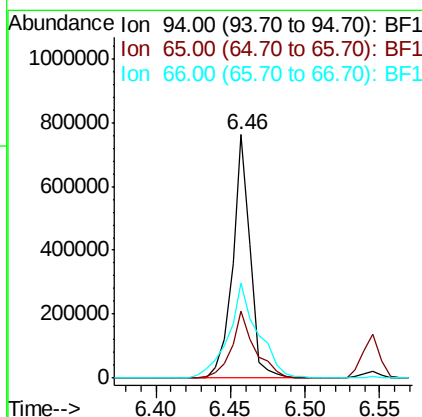
RT: 6.46 min Scan# 743

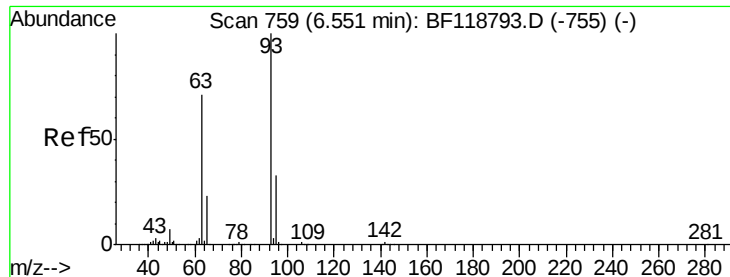
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	94	Resp:	636171
Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.1	49.1
66	39.0	21.7	61.7





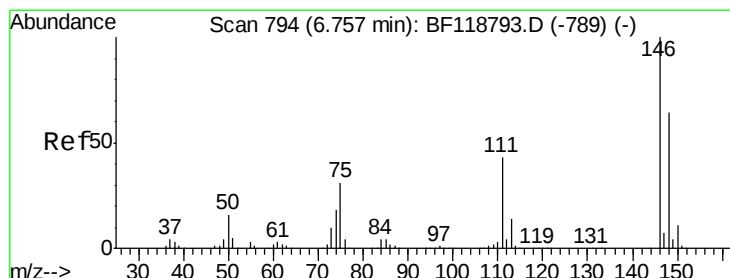
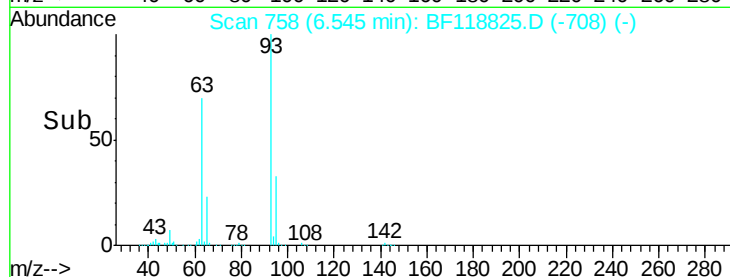
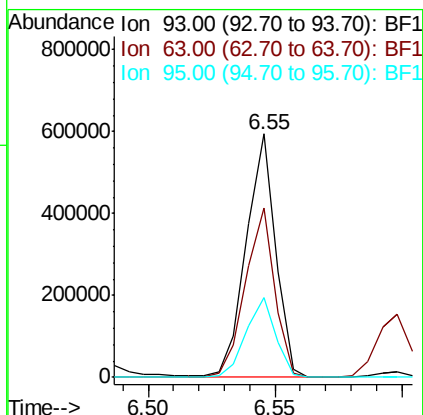
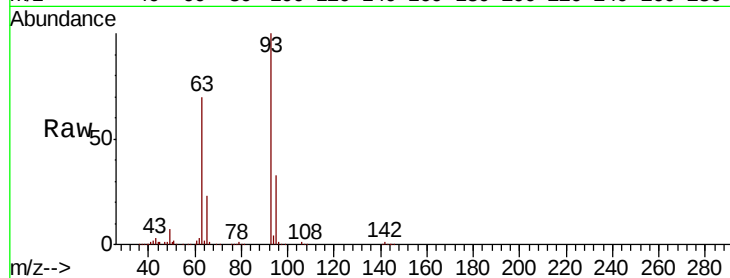
#11
bis(2-Chloroethyl)ether
Concen: 41.500 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:	93	Resp:	480389
Ion Ratio	Lower	Upper	
93	100		
63	69.7	50.7	90.7
95	32.9	12.6	52.6

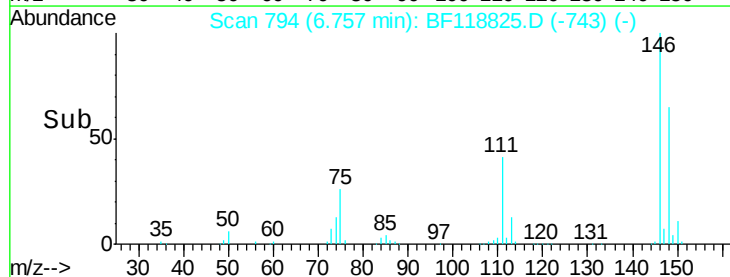
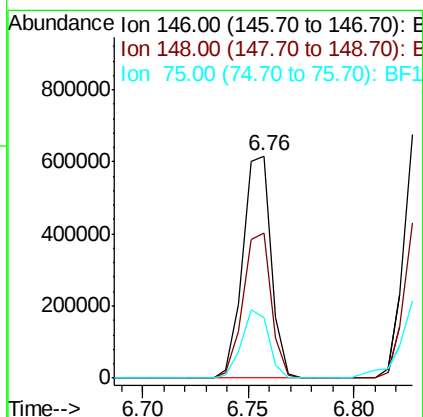
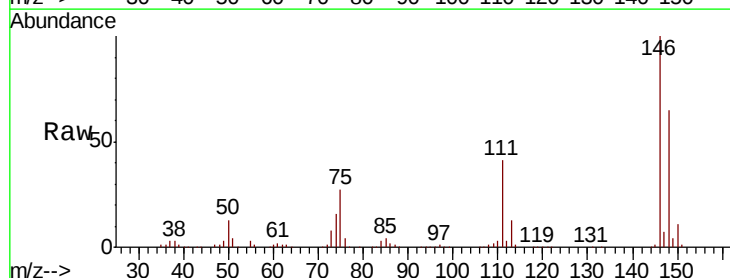
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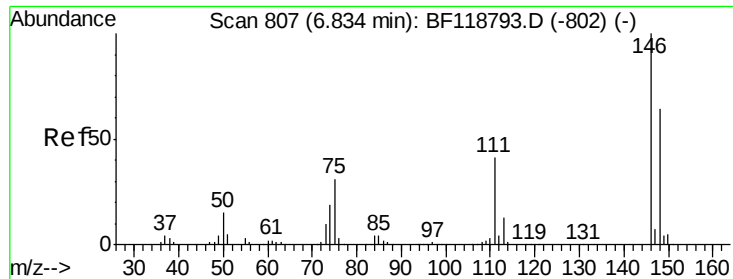
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.414 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:	146	Resp:	572809
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.1	76.7
75	27.4	25.0	37.4





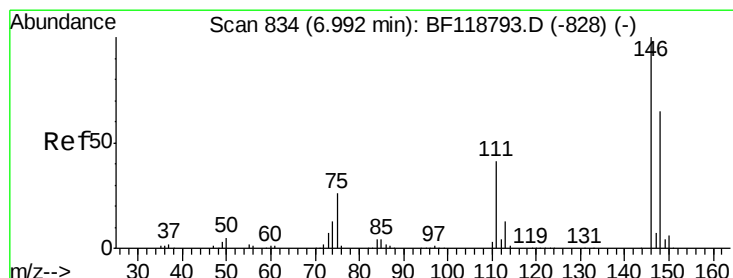
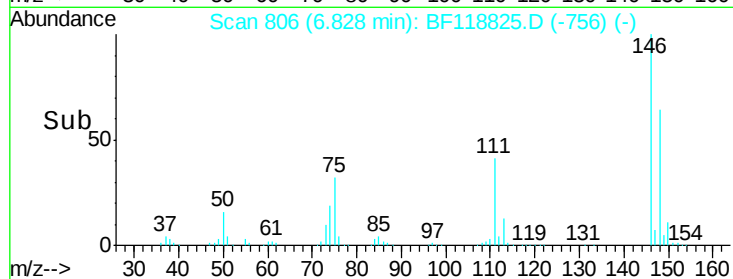
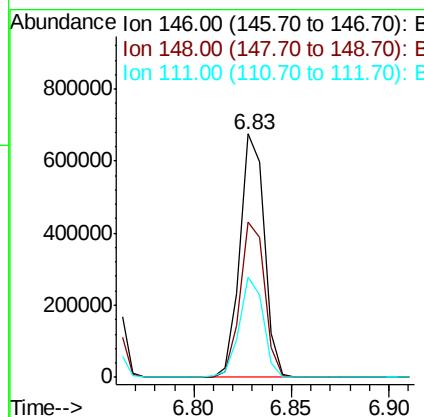
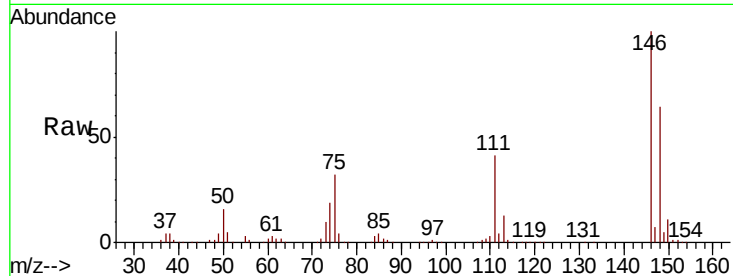
#13
 1,4-Dichlorobenzene
 Concen: 40.572 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	41.3	32.9	49.3

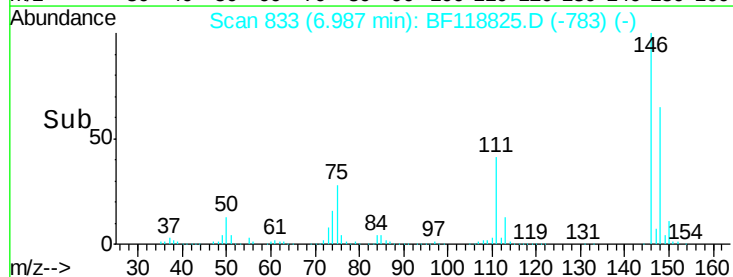
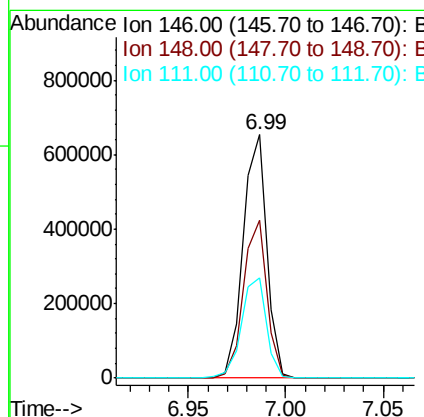
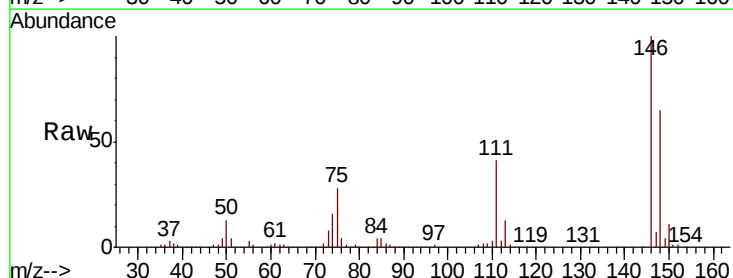
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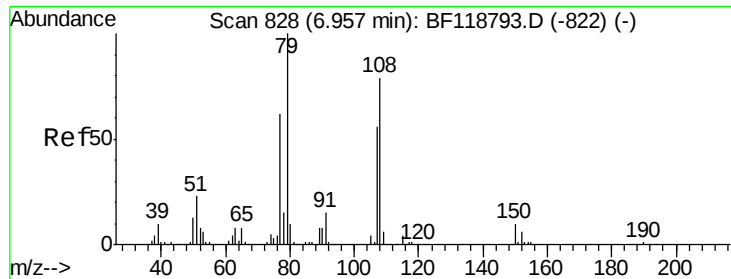
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.578 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	41.4	32.7	49.1





#15

Benzyl Alcohol

Concen: 42.684 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

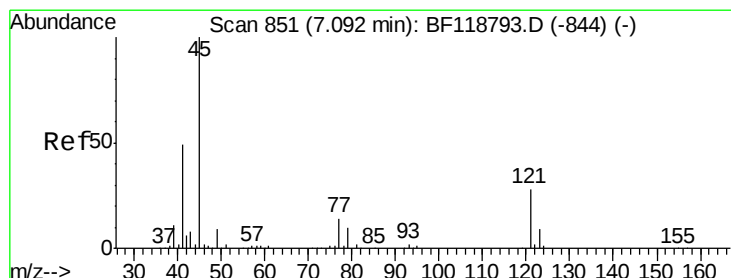
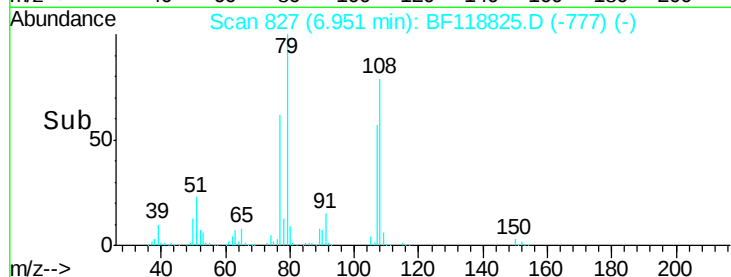
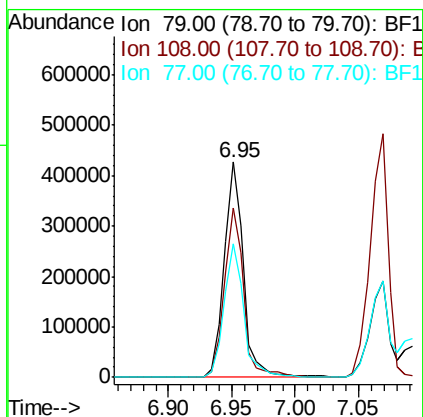
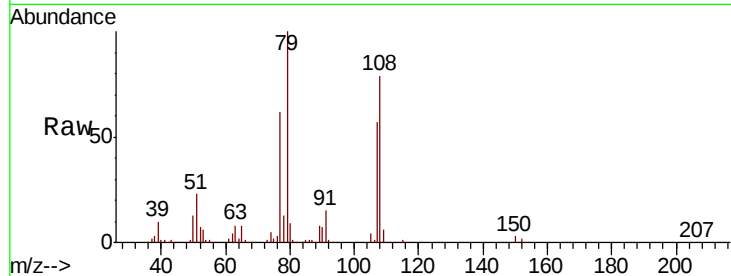
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	448947
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.9	94.3
77	62.1	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.664 ng

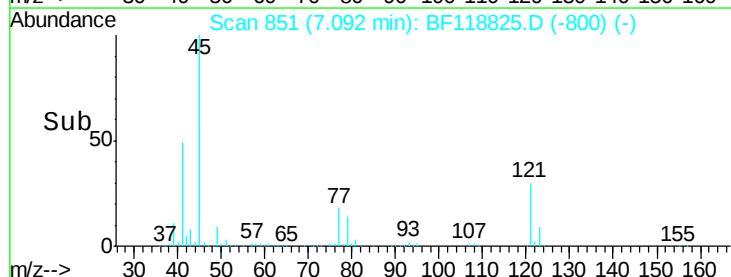
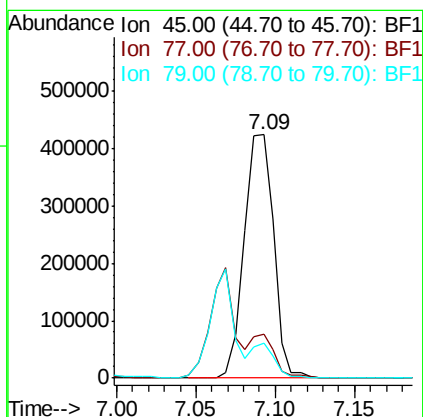
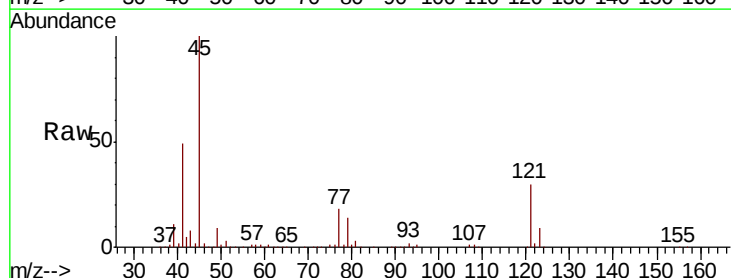
RT: 7.09 min Scan# 851

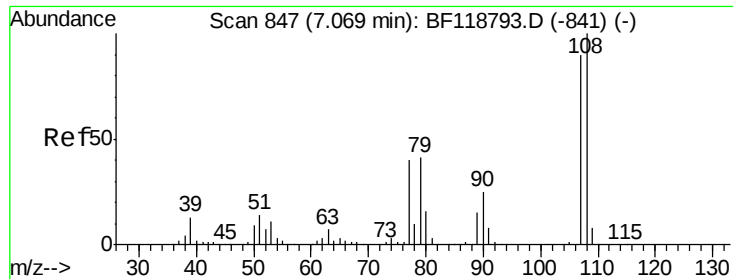
Delta R.T. 0.00 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	45	Resp:	548088
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	37.1
79	14.4	0.0	33.1





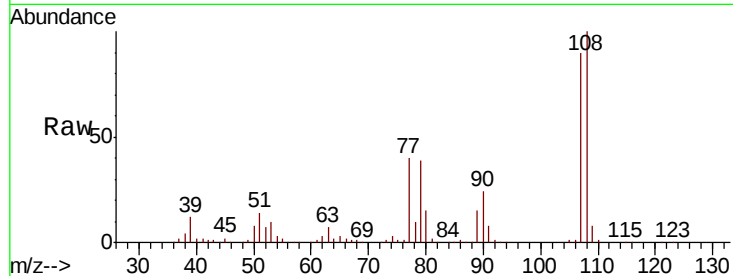
#17
2-Methylphenol
Concen: 41.661 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

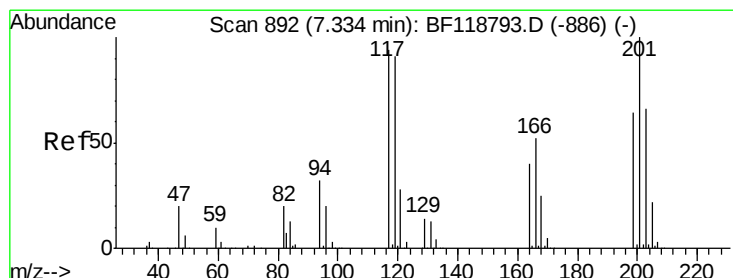
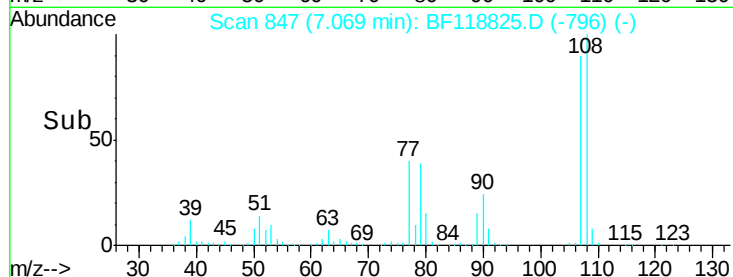
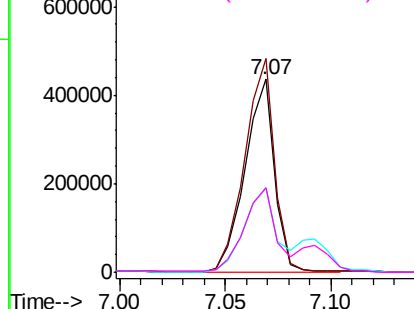
Tot Ion	Ratio	Resp	Lower	Upper
107	100	422894		
108	110.7	89.3	133.9	
77	44.0	36.2	54.2	
79	43.7	36.3	54.5	

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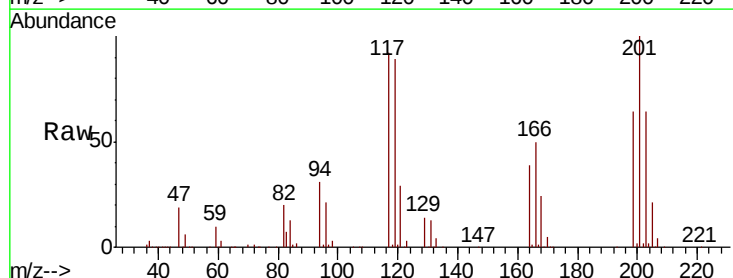


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

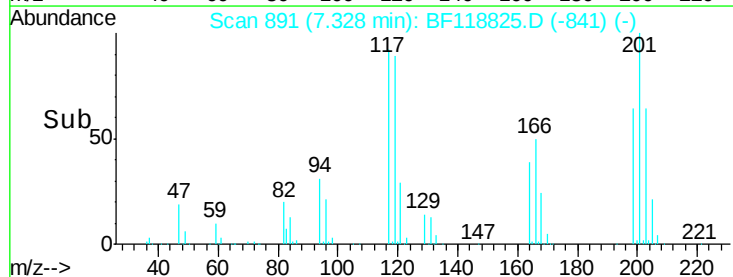
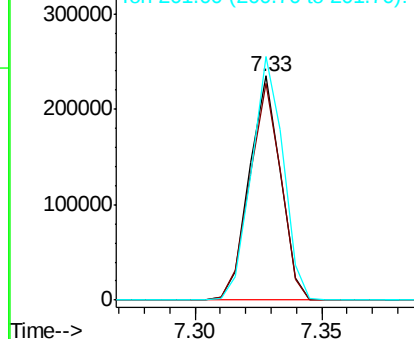


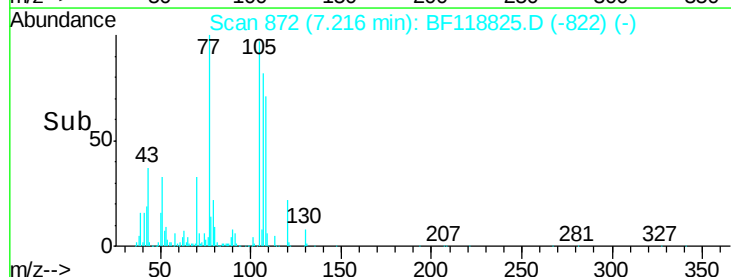
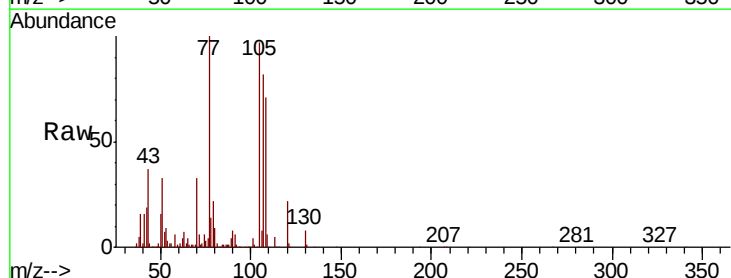
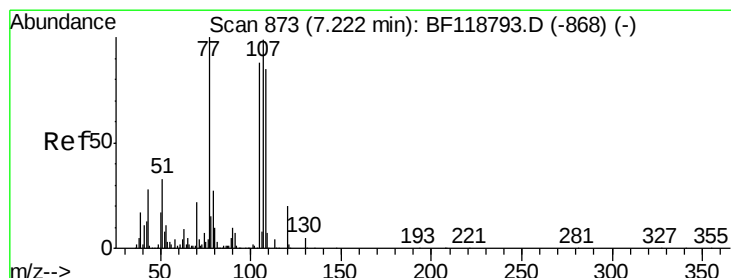
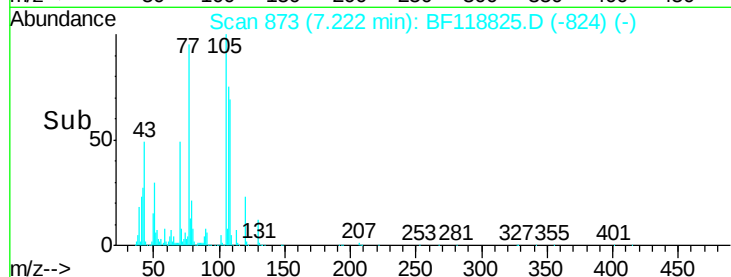
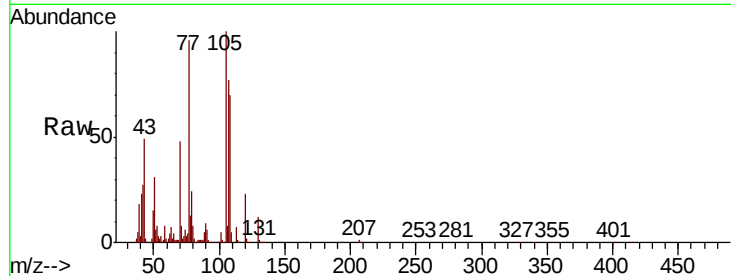
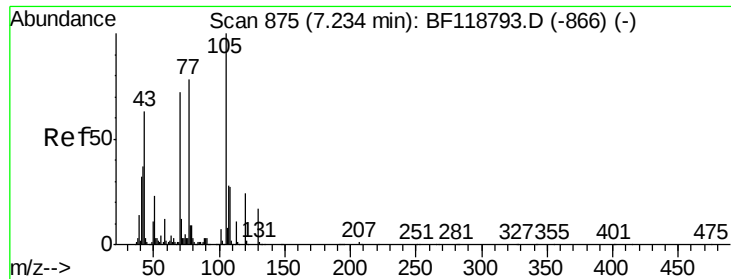
#18
Hexachloroethane
Concen: 38.772 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	201727		
119	96.6	77.4	116.0	
201	108.8	85.1	127.7	



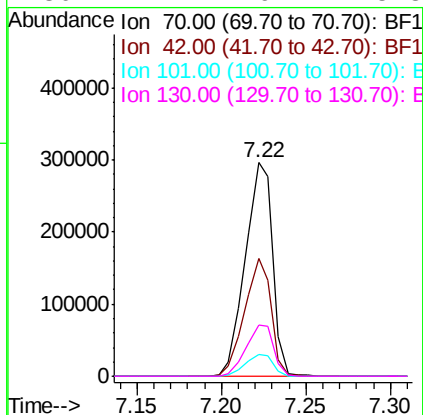
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.350 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tot Ion	70	Resp	335942
Ion Ratio	Lower	Upper	
70	100		
42	55.4	41.5	62.3
101	10.5	8.3	12.5
130	24.1	19.2	28.8



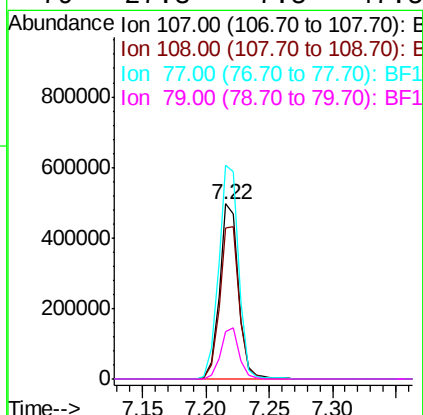
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

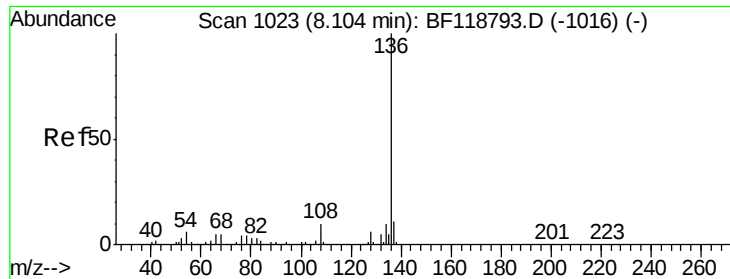
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#20
3+4-Methylphenols
Concen: 40.733 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	107	Resp	518266
Ion Ratio	Lower	Upper	
107	100		
108	86.3	65.9	105.9
77	121.9	80.9	120.9#
79	27.3	7.5	47.5





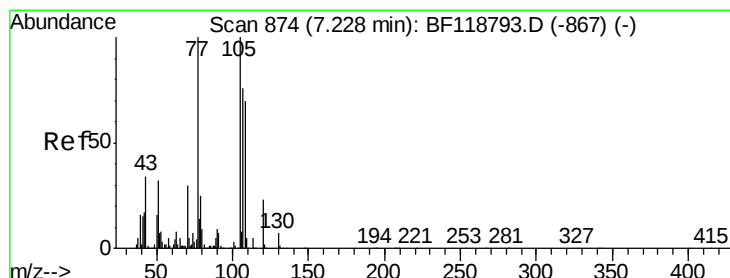
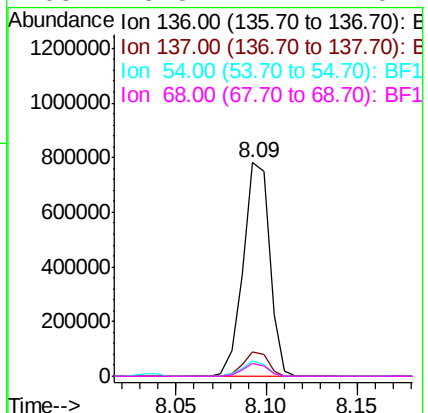
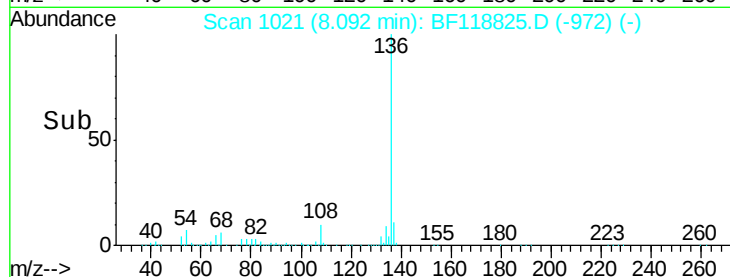
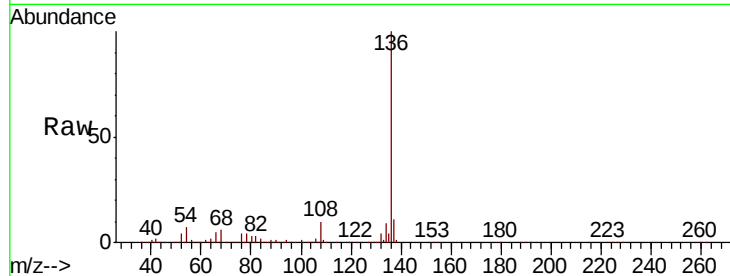
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	794858		
137	11.2	8.7	13.1	
54	7.0	5.0	7.6	
68	5.8	4.2	6.4	

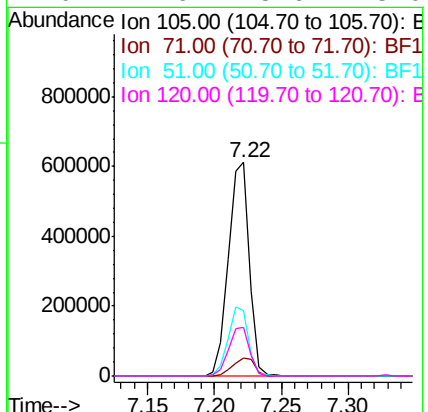
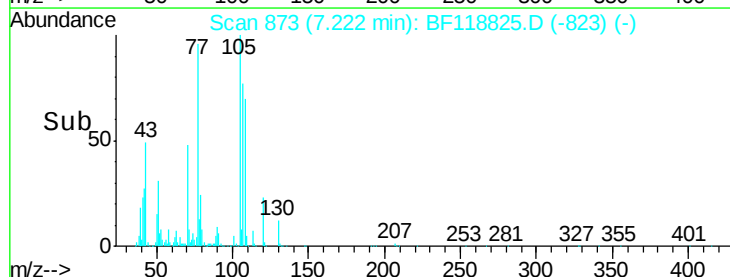
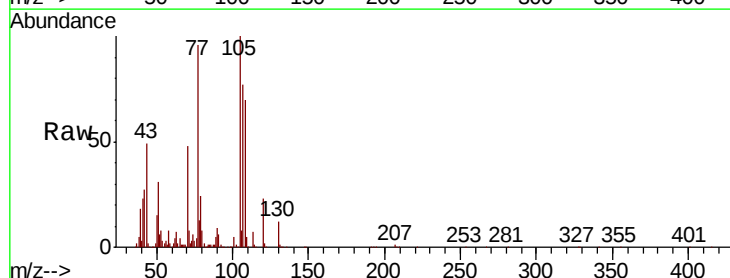
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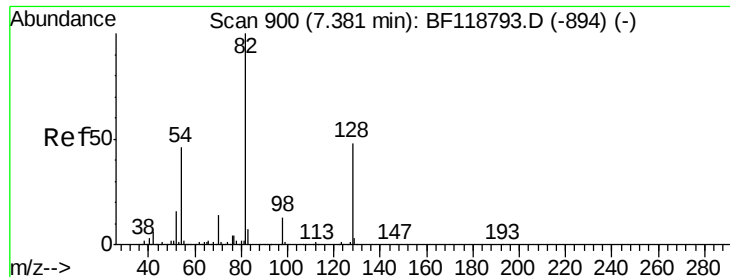
mohammad
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#22
Acetophenone
Concen: 39.151 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	676116		
71	8.2	4.2	6.4#	
51	30.7	25.5	38.3	
120	22.6	18.6	28.0	





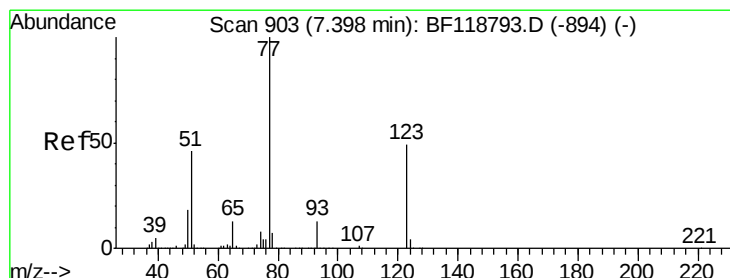
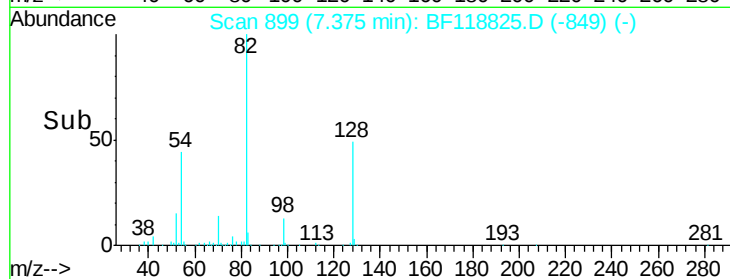
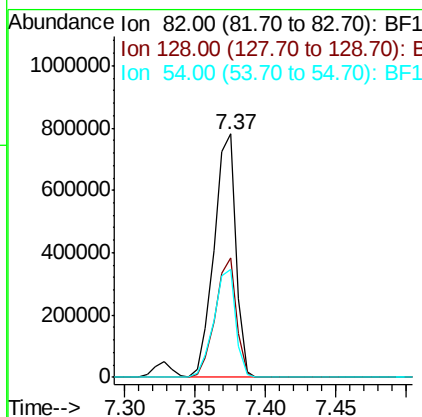
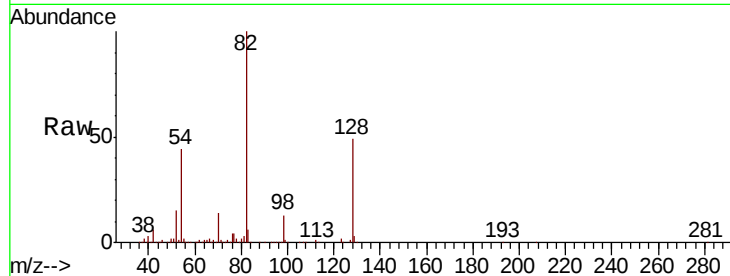
#23
Nitrobenzene-d5
Concen: 62.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	82	Resp	839725
Ion Ratio	100	Lower	Upper
82	100		
128	49.1	38.5	57.7
54	44.2	36.7	55.1

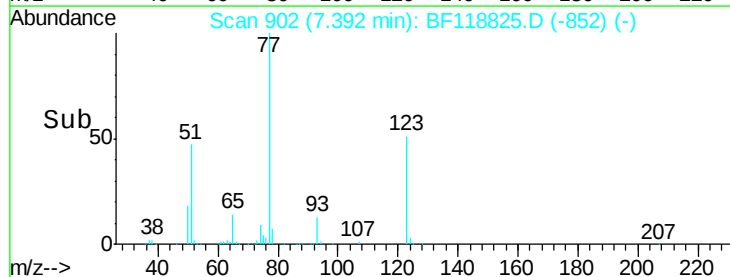
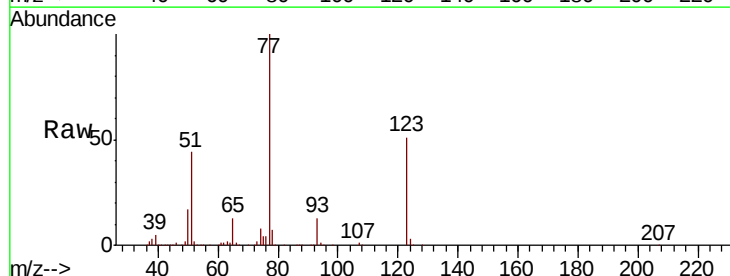
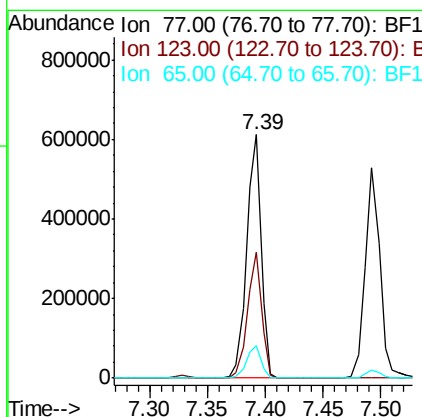
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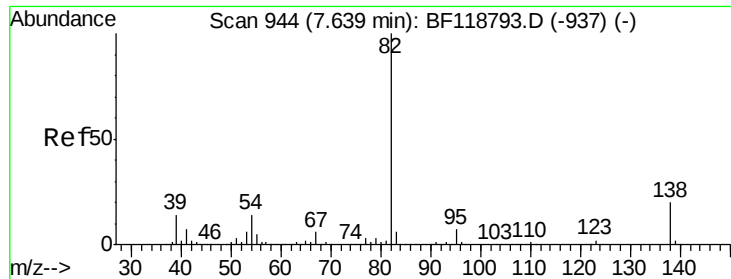
mohammad
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#24
Nitrobenzene
Concen: 40.014 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	77	Resp	533066
Ion Ratio	100	Lower	Upper
77	100		
123	51.5	39.0	58.4
65	13.3	10.6	15.8





#25

Isophorone

Concen: 39.920 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

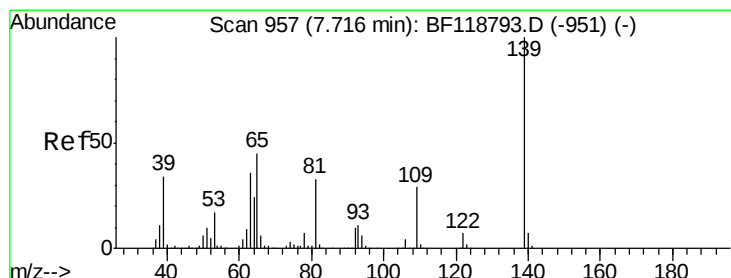
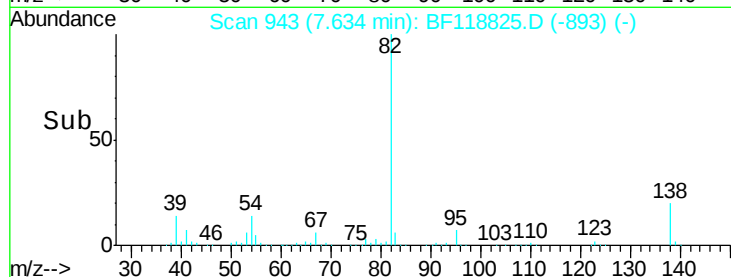
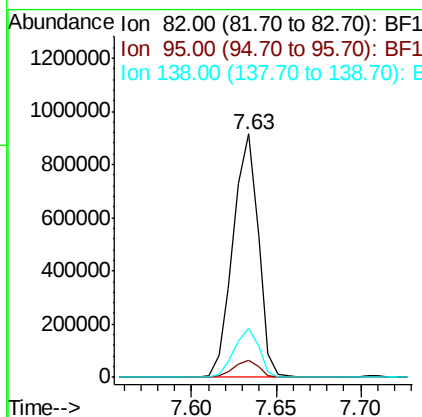
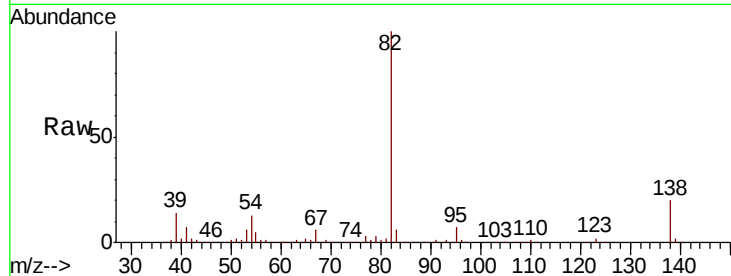
ClientSampleId :

TP-1MSD

Tot Ion:	82	Resp:	956745
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.0	9.0
138	20.2	15.7	23.5

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#26

2-Nitrophenol

Concen: 41.572 ng

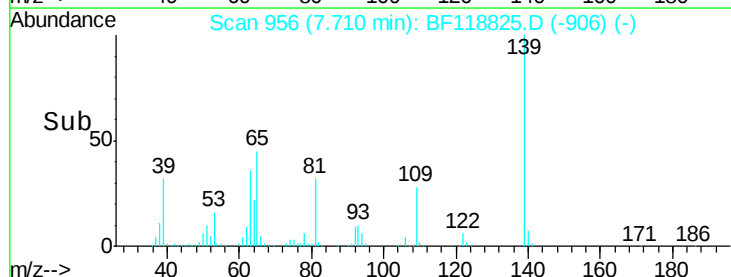
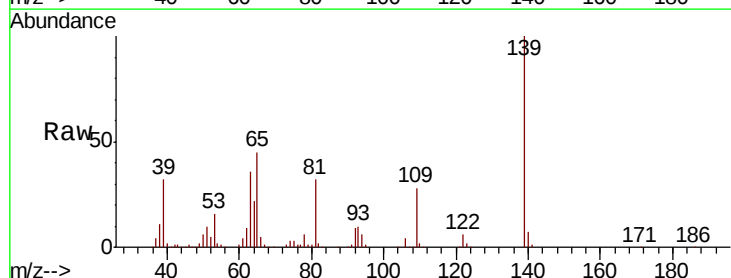
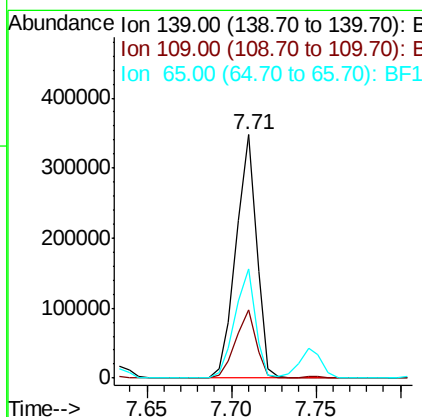
RT: 7.71 min Scan# 956

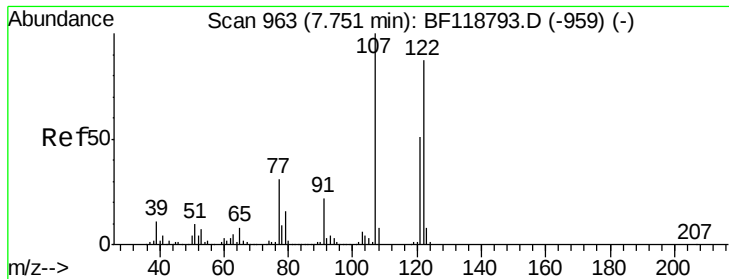
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	139	Resp:	295107
Ion Ratio	Lower	Upper	
139	100		
109	27.8	23.4	35.0
65	44.7	36.2	54.2





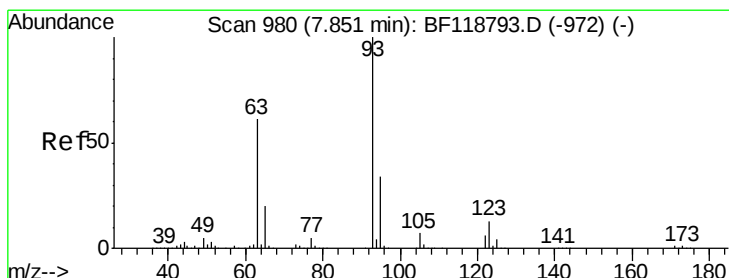
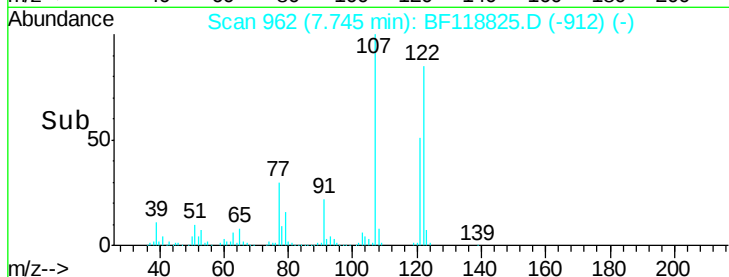
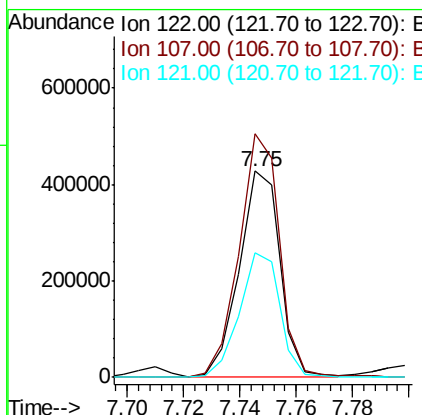
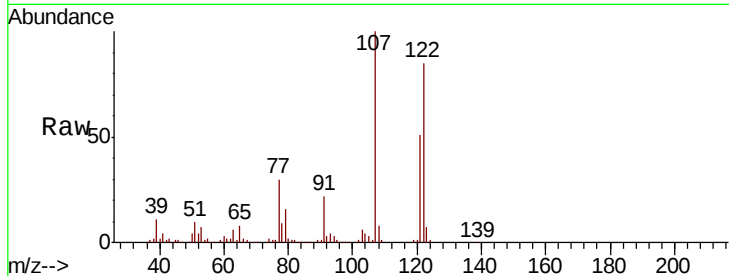
#27
2,4-Dimethylphenol
Concen: 44.568 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	92.2	138.2
121	60.3	46.8	70.2

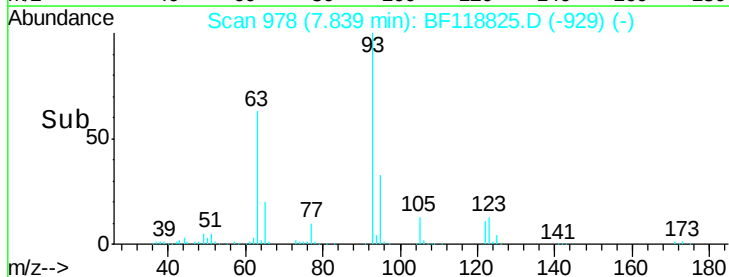
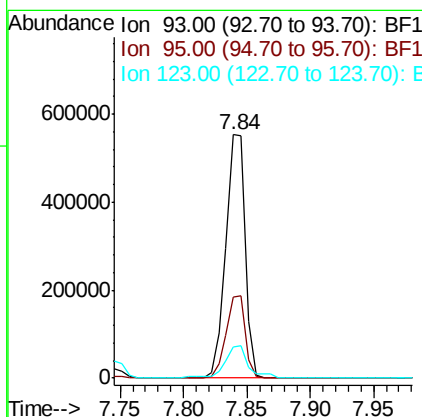
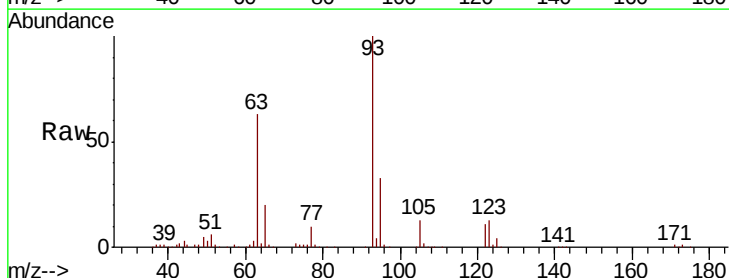
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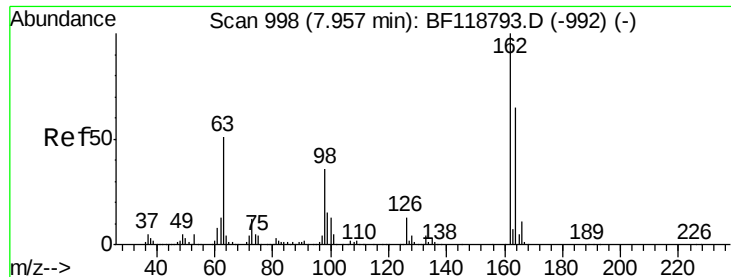
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#28
bis(2-Chloroethoxy)methane
Concen: 37.692 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.0	40.4
123	12.8	10.6	15.8





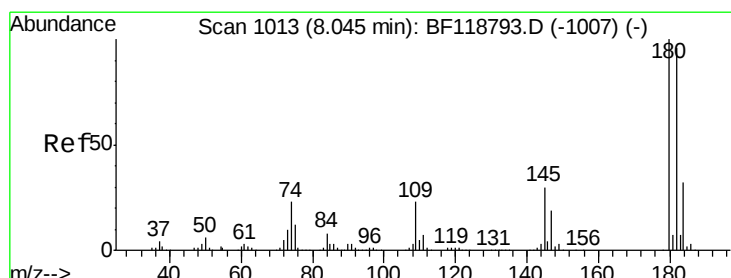
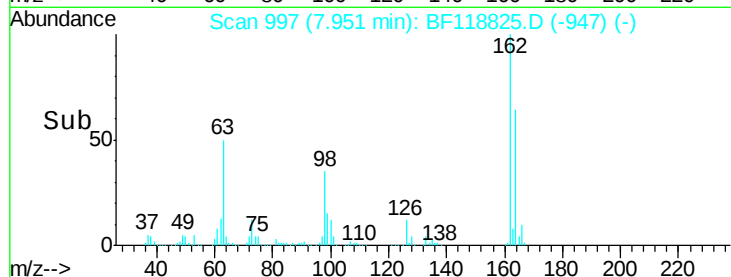
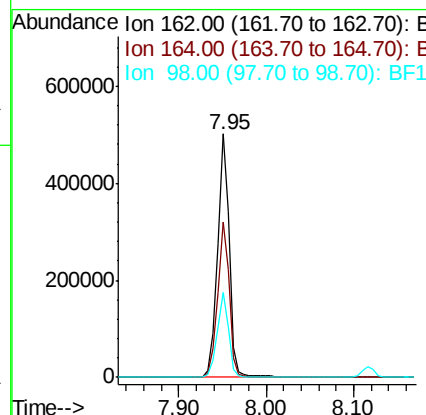
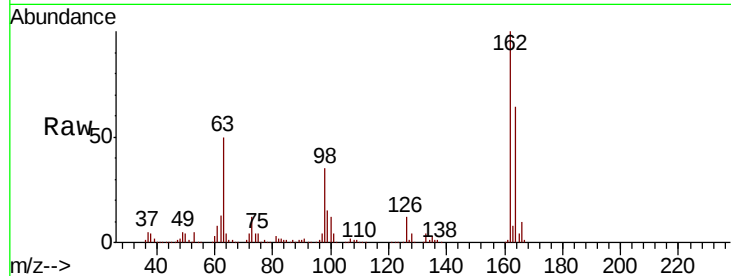
#29
2,4-Dichlorophenol
Concen: 40.645 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	469382		
164	63.9	44.8	84.8	
98	35.0	16.4	56.4	

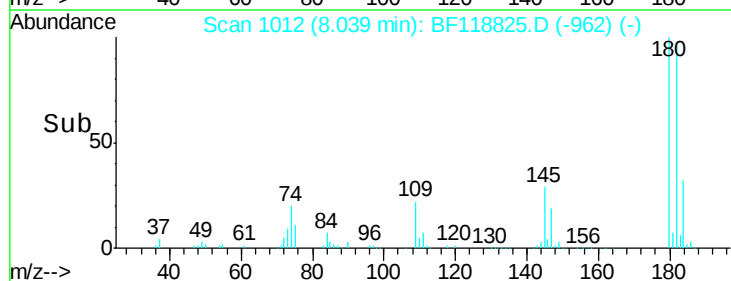
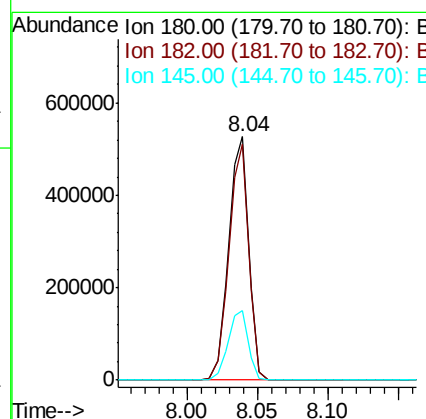
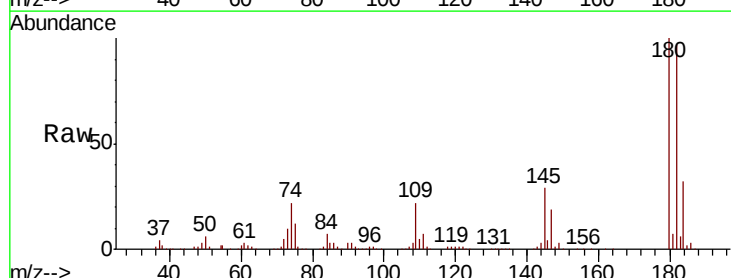
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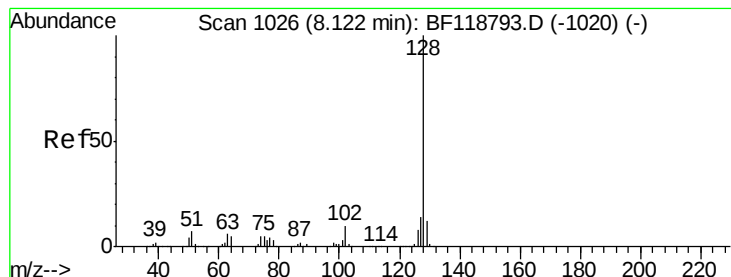
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#30
1,2,4-Trichlorobenzene
Concen: 38.288 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	516817		
182	96.9	76.6	115.0	
145	28.7	24.0	36.0	





#31

Naphthalene

Concen: 41.340 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

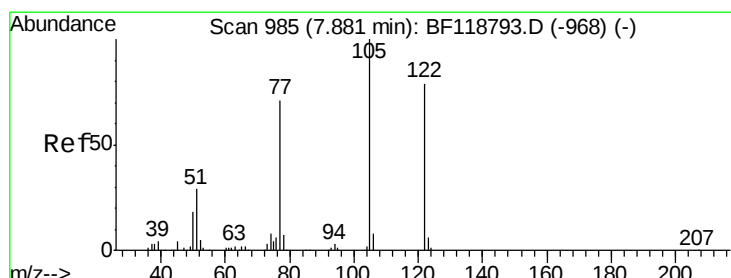
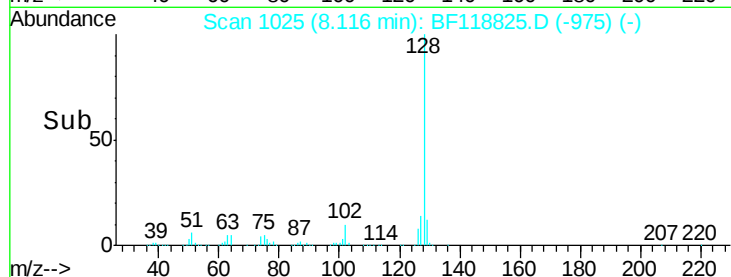
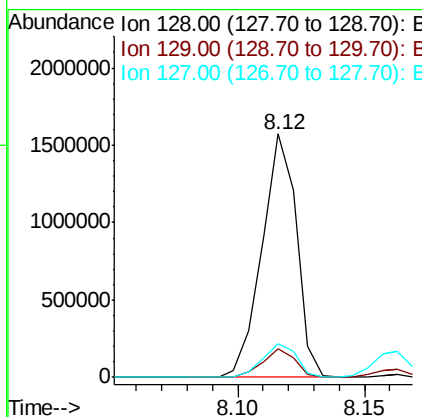
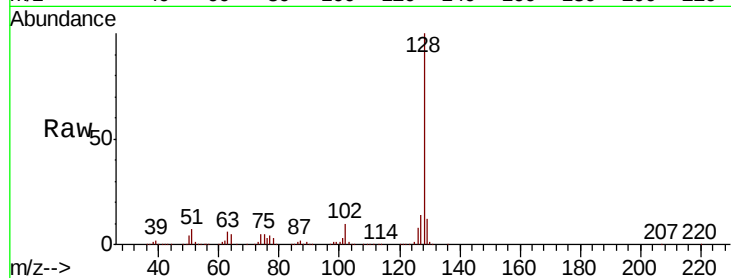
ClientSampleId :

TP-1MSD

Tot	Ion:128	Resp:	1502861
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.9	11.3	16.9

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#32

Benzoic acid

Concen: 39.494 ng

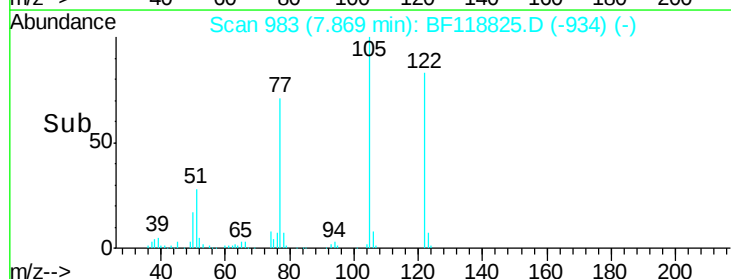
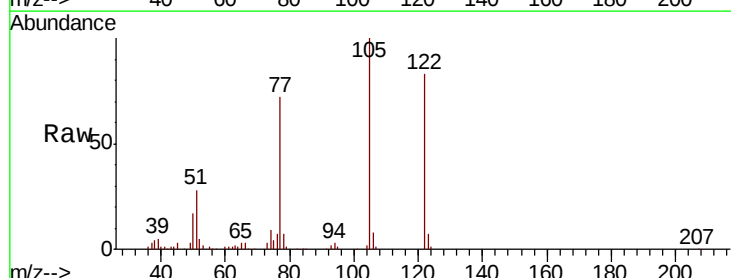
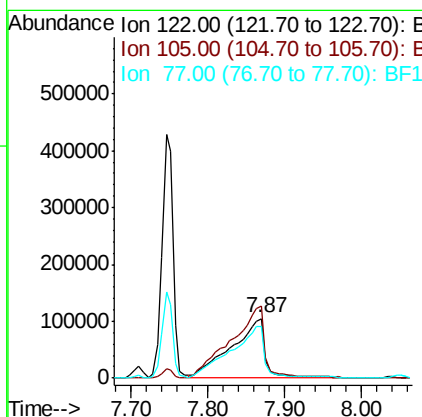
RT: 7.87 min Scan# 983

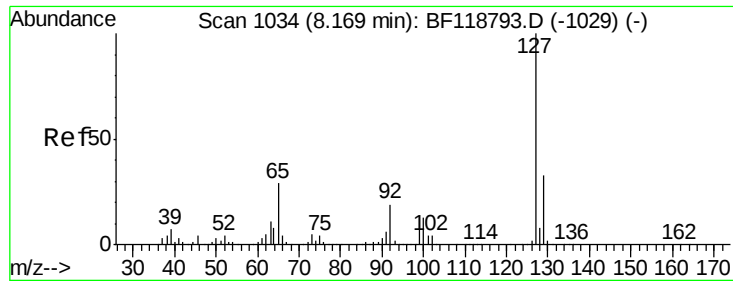
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt	Ion:122	Resp:	315321
Ion	Ratio	Lower	Upper
122	100		
105	120.2	104.4	144.4
77	86.6	69.3	109.3





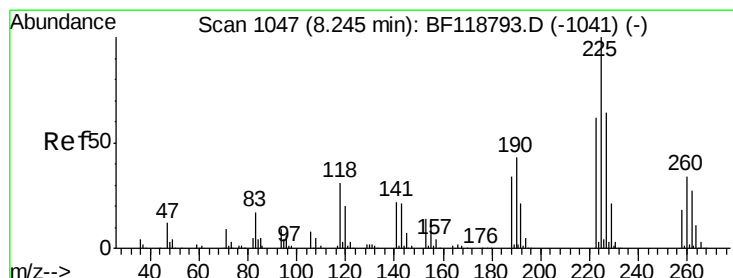
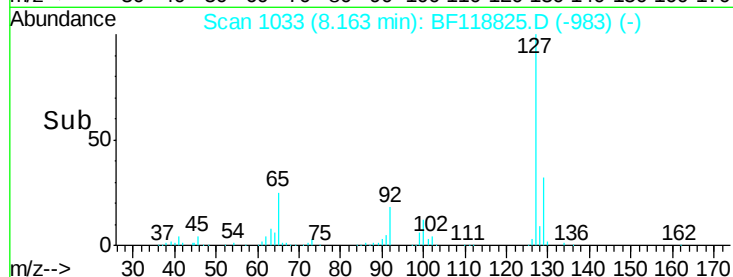
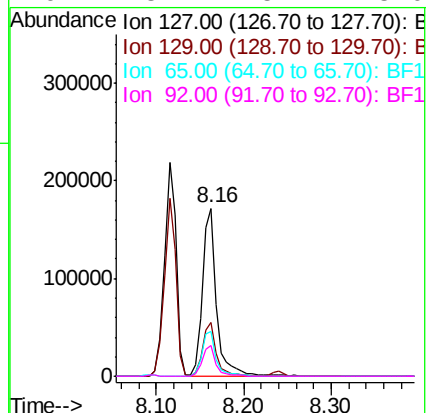
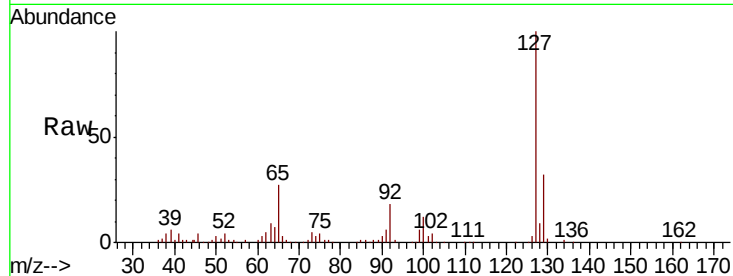
#33
4-Chloroaniline
Concen: 11.829 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.7	40.1		
65	26.6	22.9	34.3		
92	18.2	15.4	23.0		

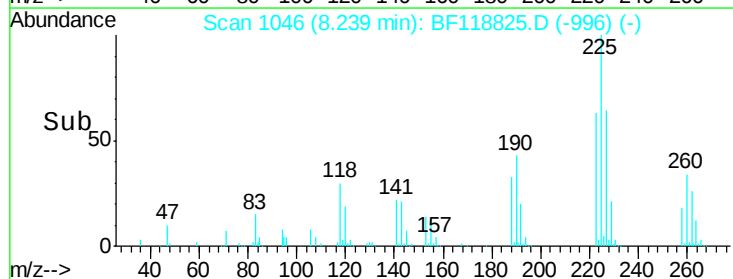
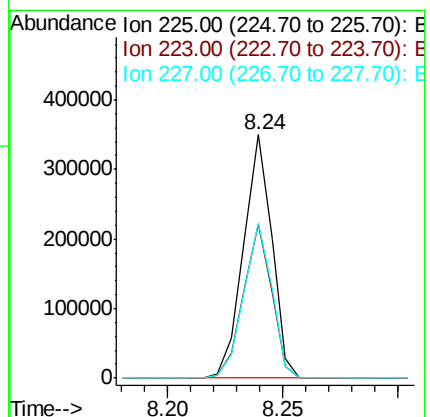
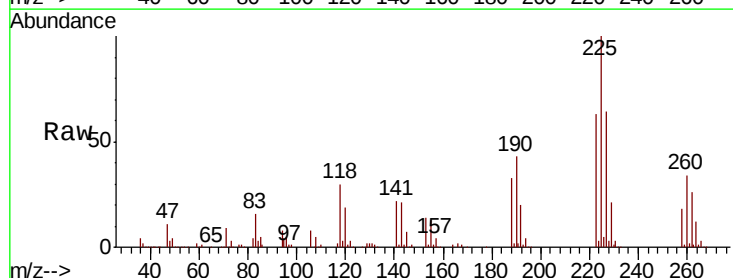
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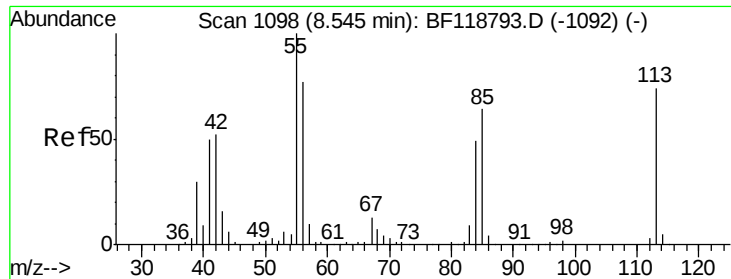
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#34
Hexachlorobutadiene
Concen: 36.474 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.8	74.8		
227	63.7	51.0	76.4		





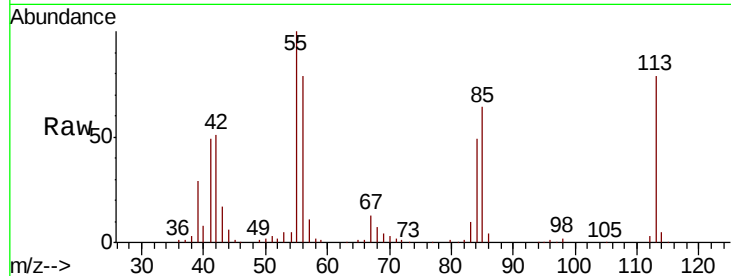
#35
 Caprolactam
 Concen: 43.166 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

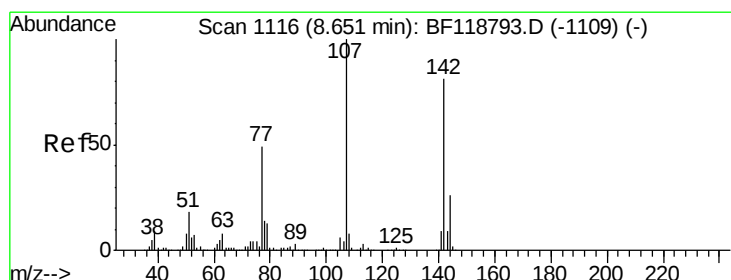
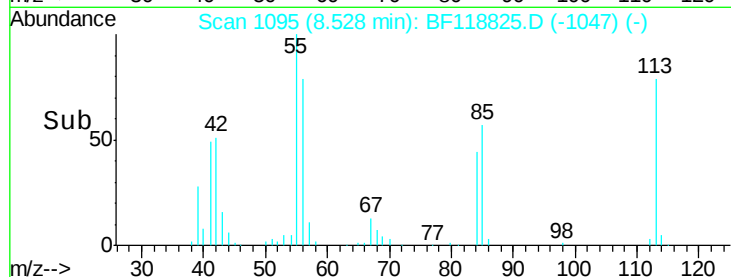
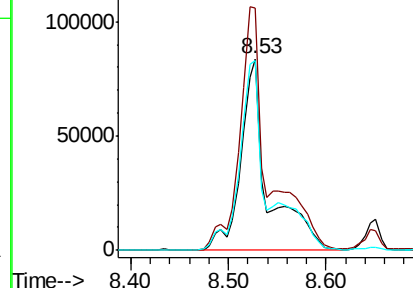
Tot Ion	Ratio	Lower	Upper
113	100		
55	126.3	115.5	155.5
56	99.4	83.7	123.7

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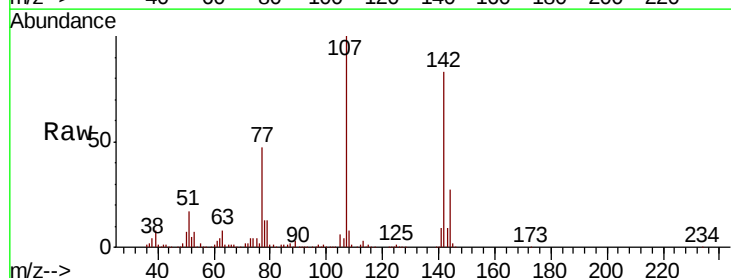


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

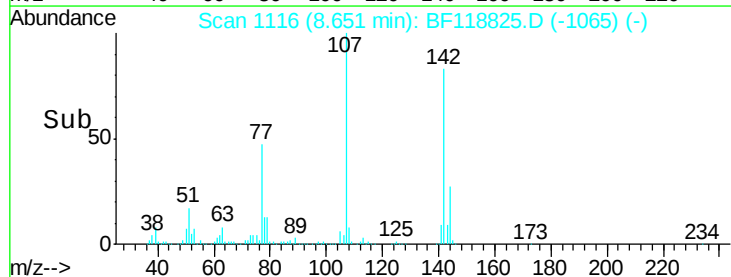
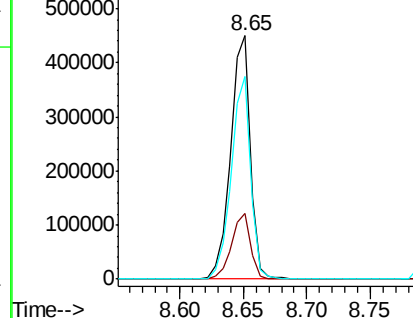


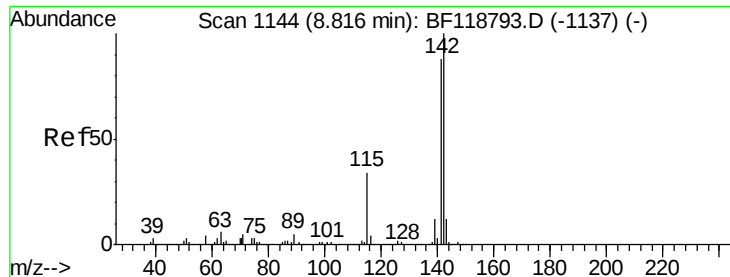
#36
 4-Chloro-3-methylphenol
 Concen: 41.493 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.6
142	83.3	64.8	97.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





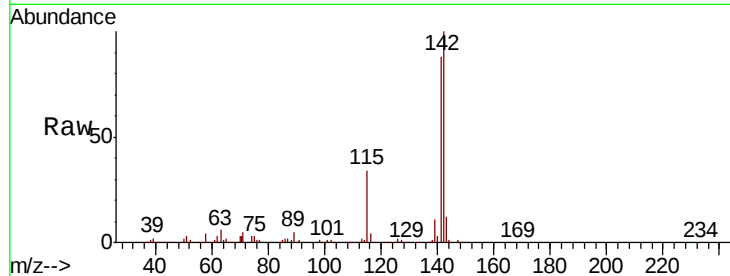
#37
2-Methylnaphthalene
Concen: 41.999 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.1	105.1
115	33.6	27.3	40.9

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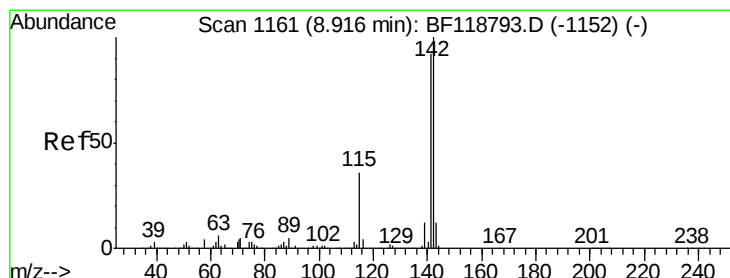
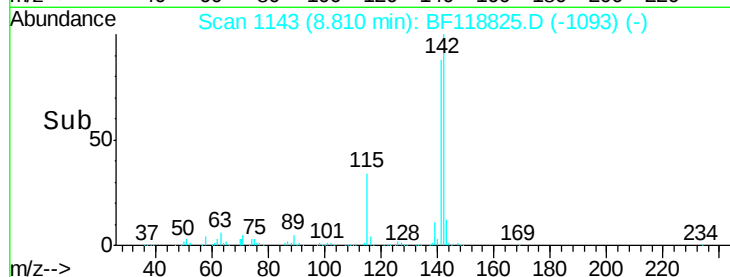
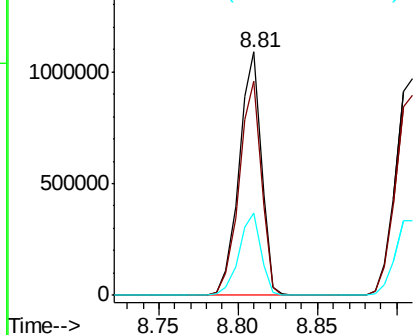


Abundance

Ion 142.00 (141.70 to 142.70): E

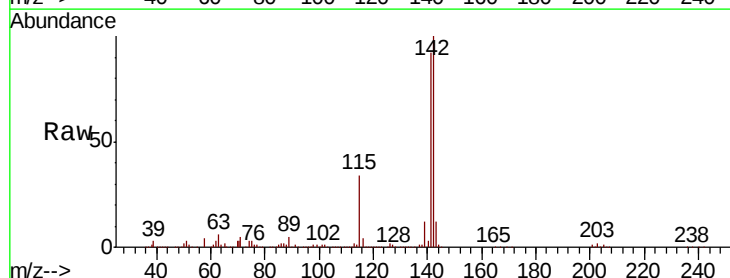
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.544 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6
116	3.5	3.0	4.4

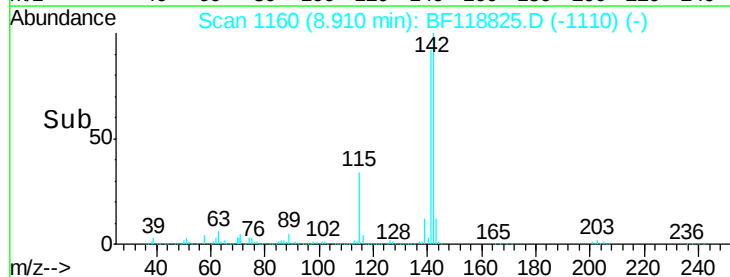
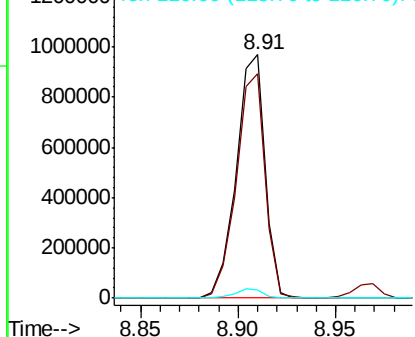


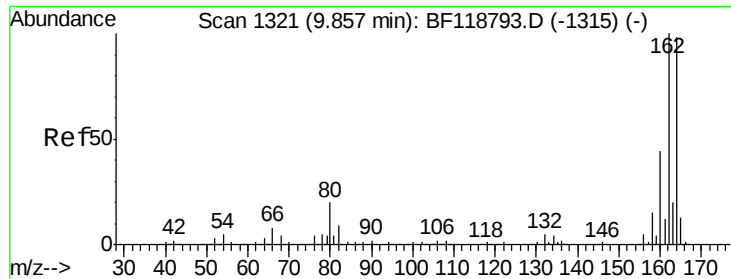
Abundance

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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

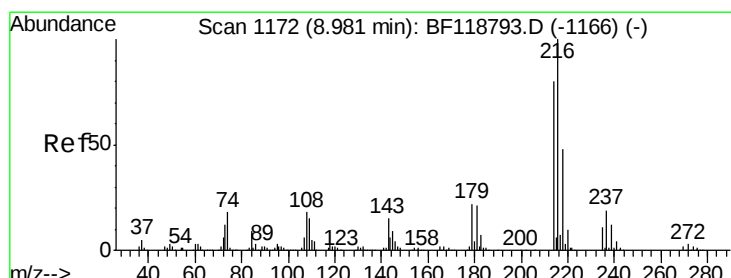
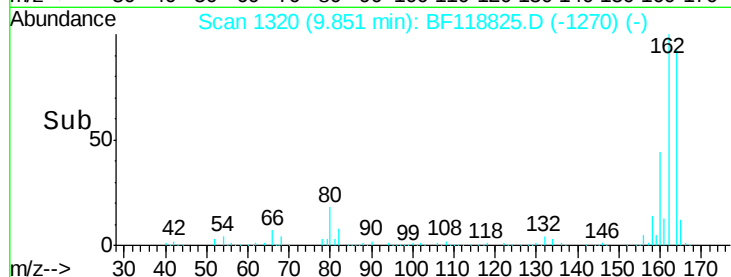
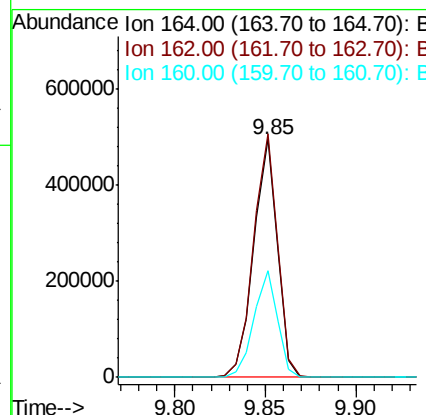
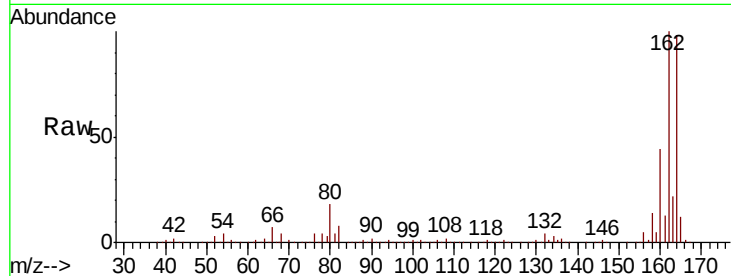
ClientSampleId :

TP-1MSD

Tot Ion:	164	Resp:	451239
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.4	122.2
160	44.5	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.792 ng

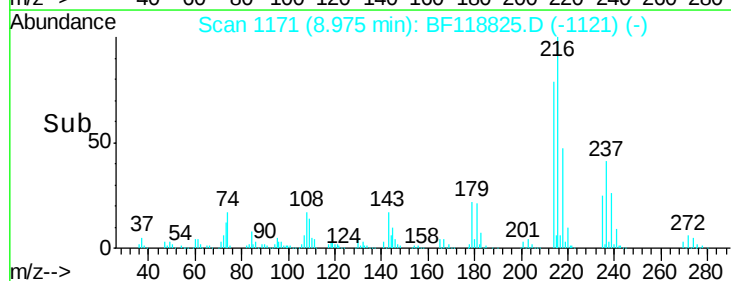
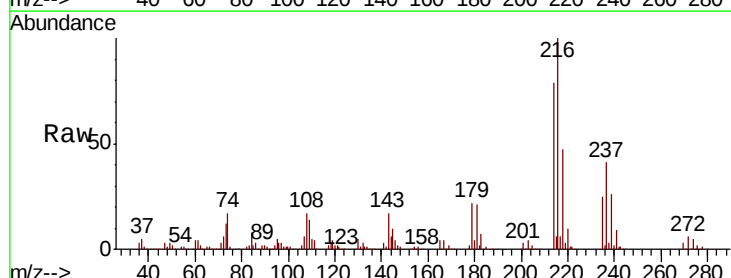
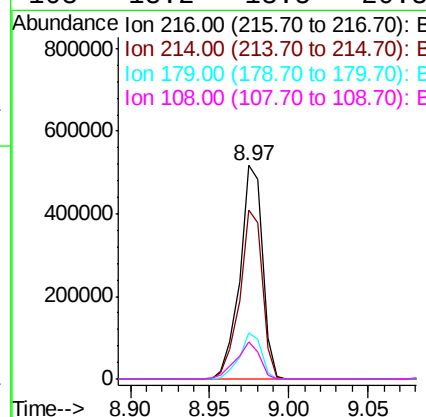
RT: 8.97 min Scan# 1171

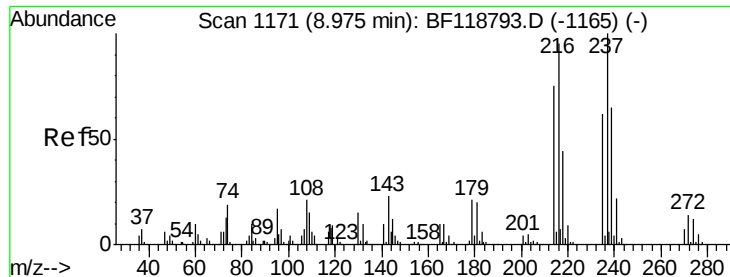
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:	216	Resp:	514683
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	20.9	17.0	25.6
108	18.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 90.763 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

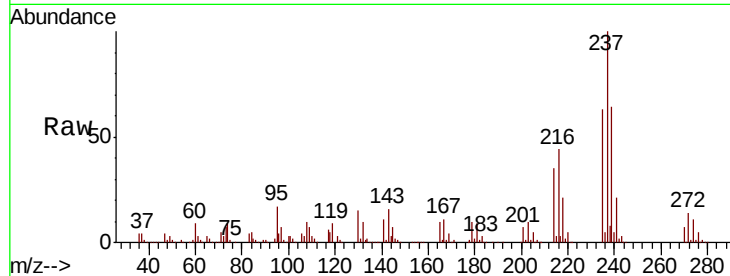
ClientSampleId :

TP-1MSD

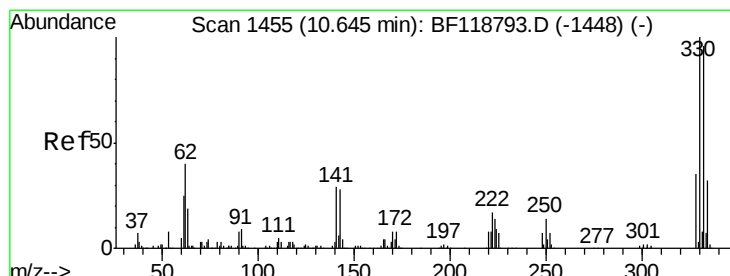
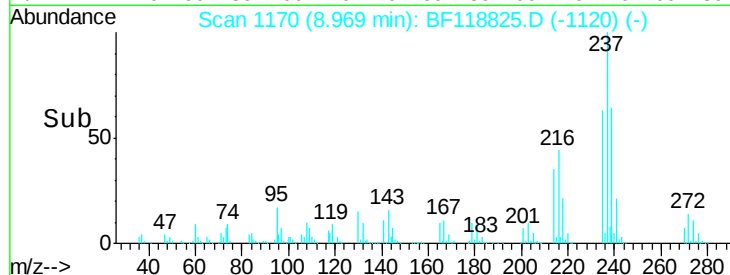
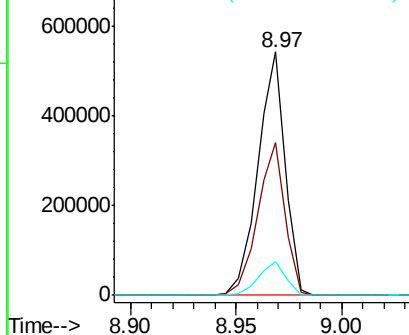
Tot Ion:	237	Resp:	484685
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.1	82.1
272	13.9	0.0	34.4

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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: 95.577 ng

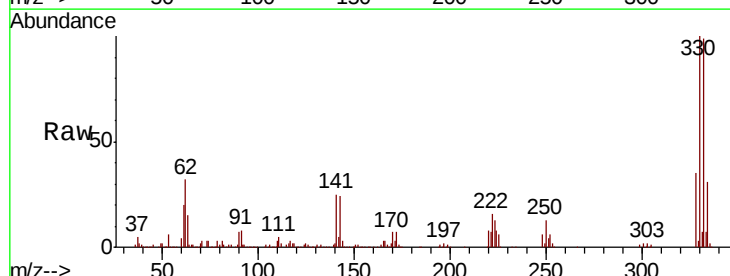
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

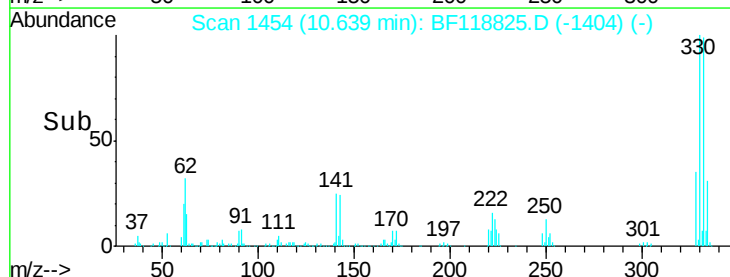
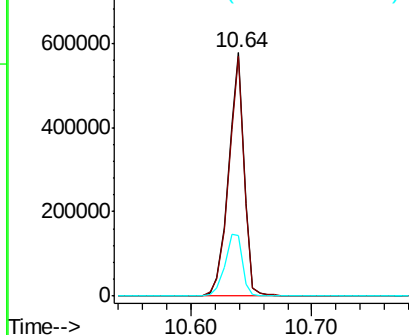
Lab File: BF118825.D

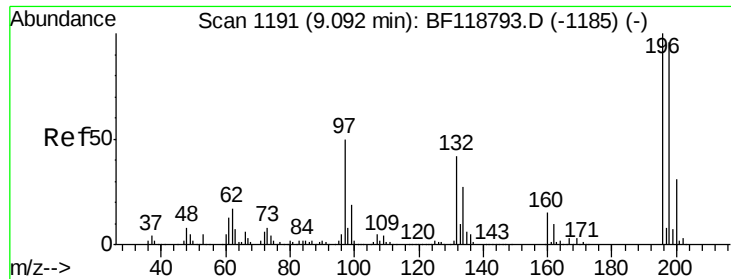
Acq: 5 Feb 2020 12:45

Tgt Ion:	330	Resp:	516038
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.3	115.9
141	28.8	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





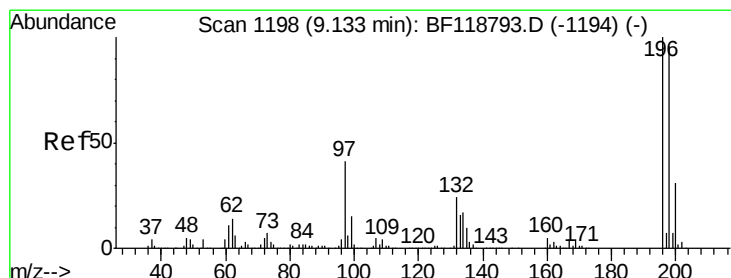
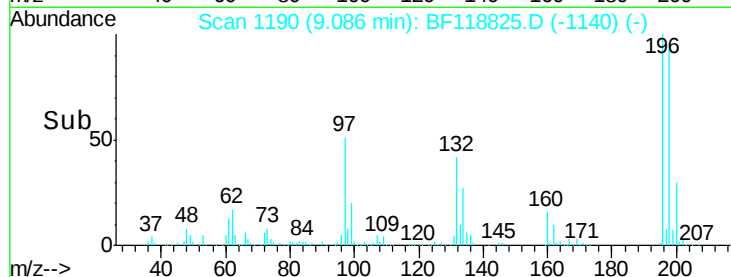
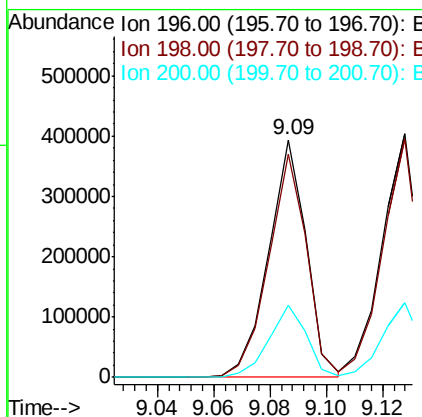
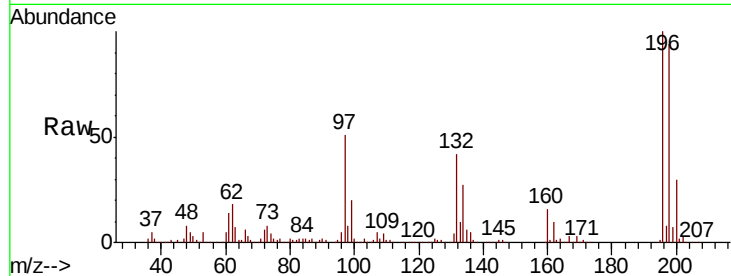
#43
 2,4,6-Trichlorophenol
 Concen: 40.024 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	364497		
198	94.0	76.7	115.1	
200	30.3	24.9	37.3	

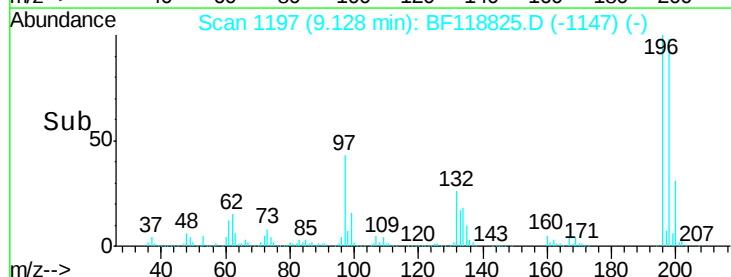
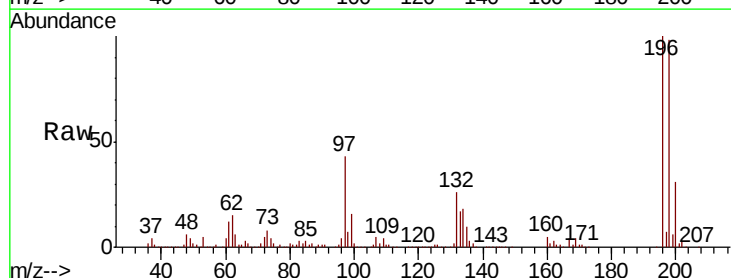
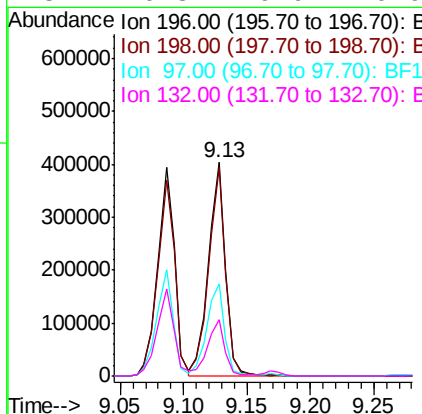
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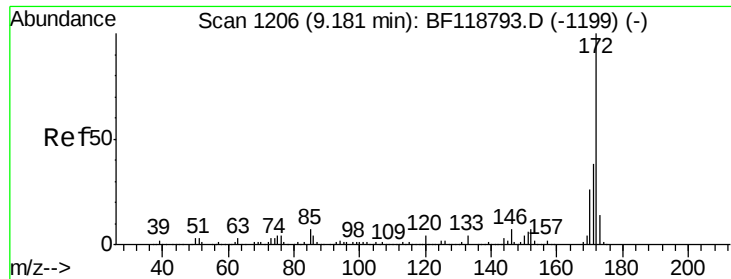
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.157 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	382976		
198	97.7	77.0	115.4	
97	43.1	32.9	49.3	
132	26.3	19.9	29.9	





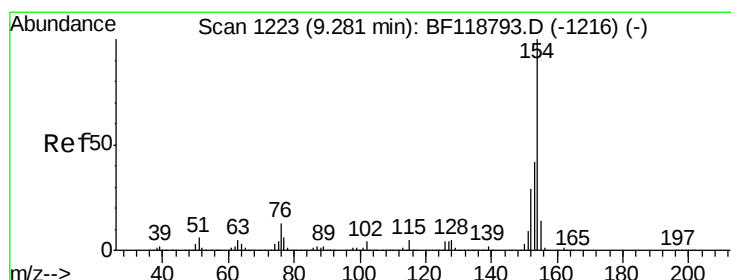
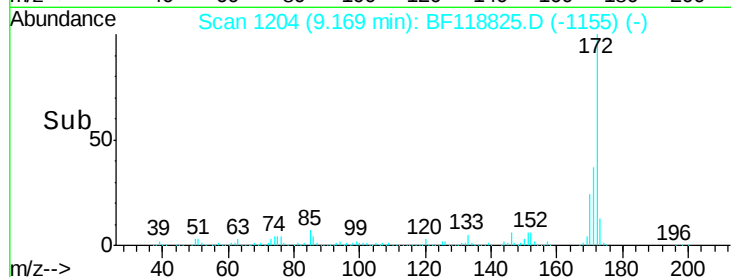
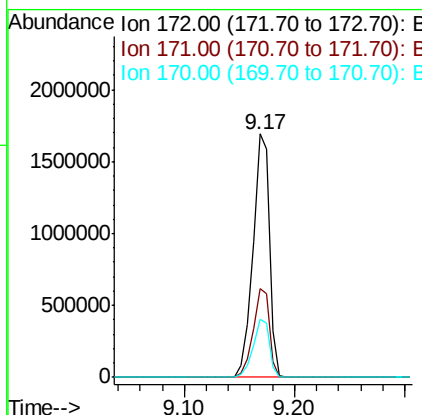
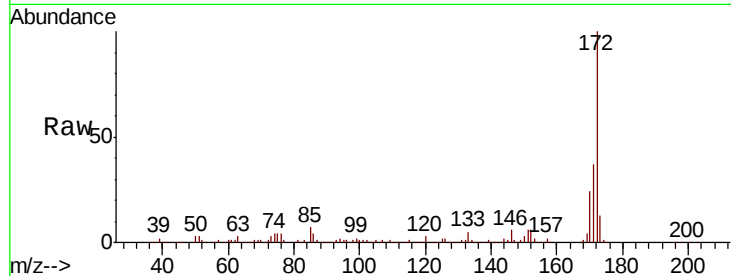
#45
2-Fluorobiphenyl
Concen: 70.430 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	23.9	20.5	30.7

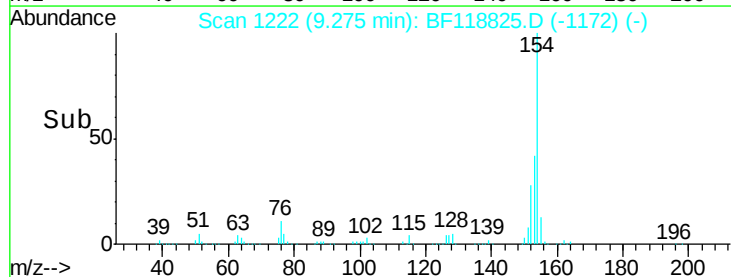
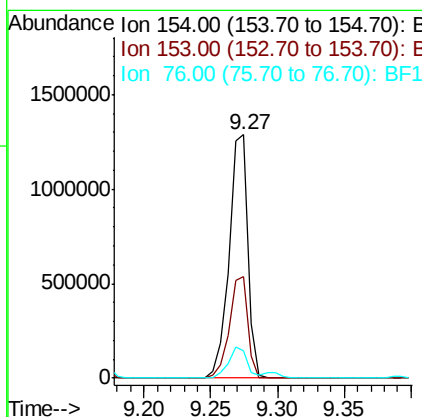
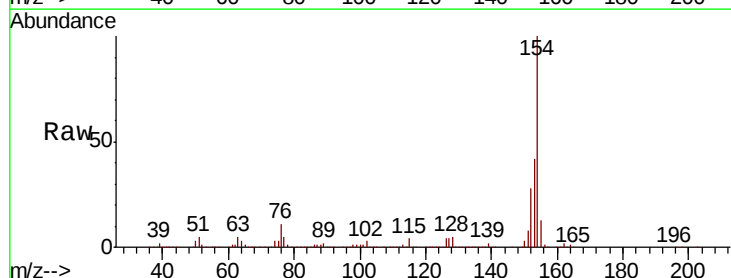
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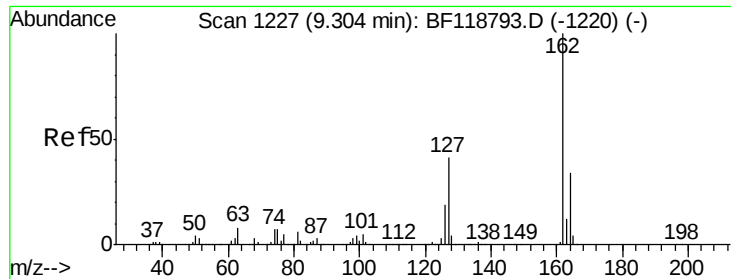
mohammad
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#46
1,1'-Biphenyl
Concen: 40.958 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	11.2	0.0	32.7





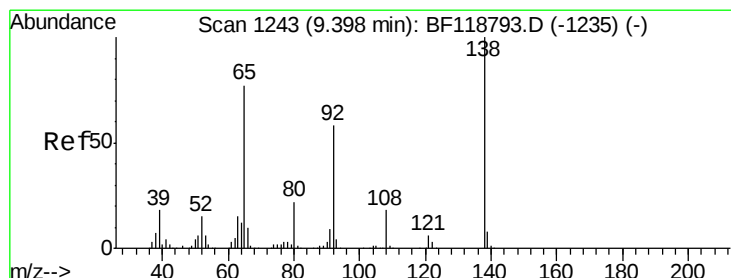
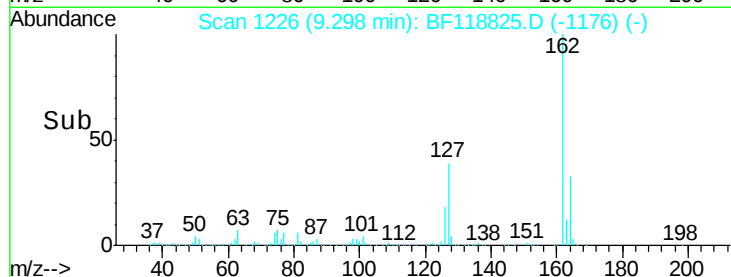
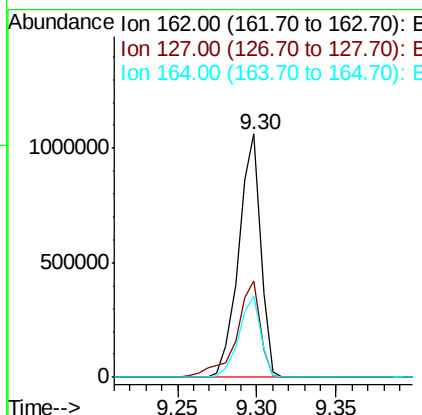
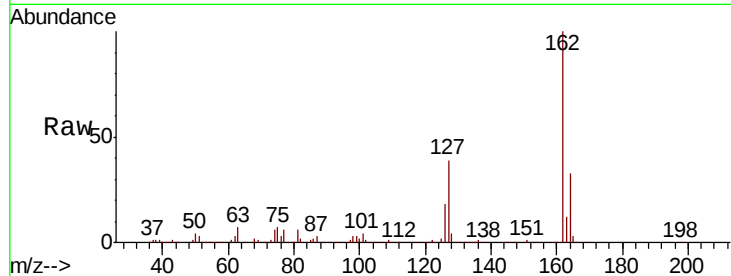
#47
 2-Chloronaphthalene
 Concen: 39.236 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.3	49.9
164	33.5	27.1	40.7

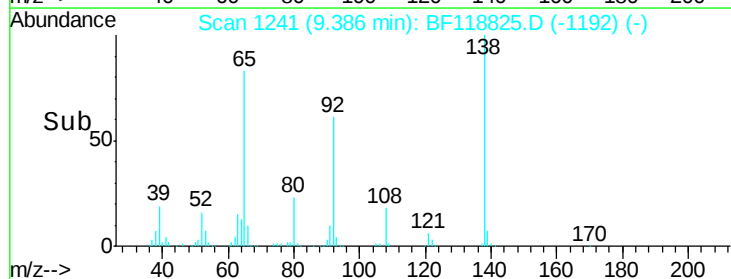
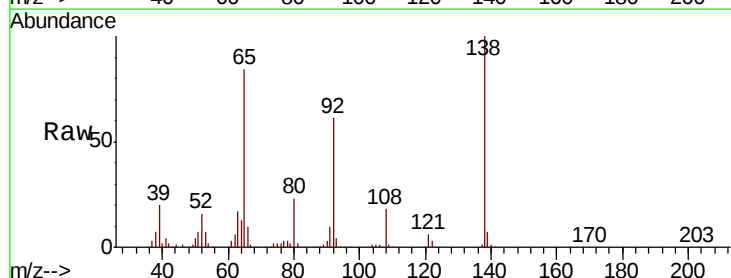
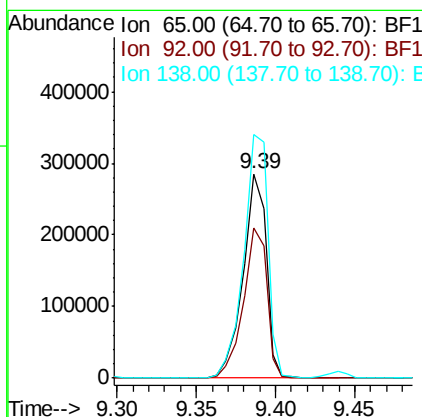
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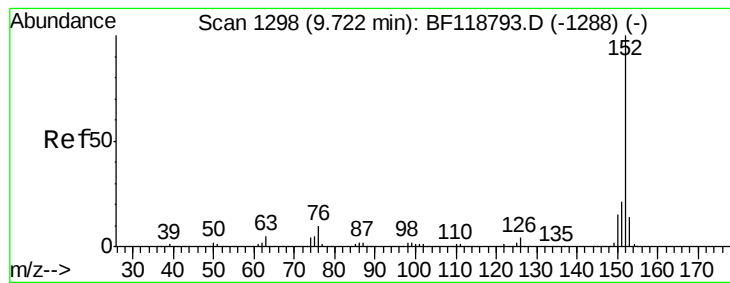
mohammad
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#48
 2-Nitroaniline
 Concen: 38.774 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	60.6	91.0
138	119.3	104.6	156.8





#49

Acenaphthylene

Concen: 42.333 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

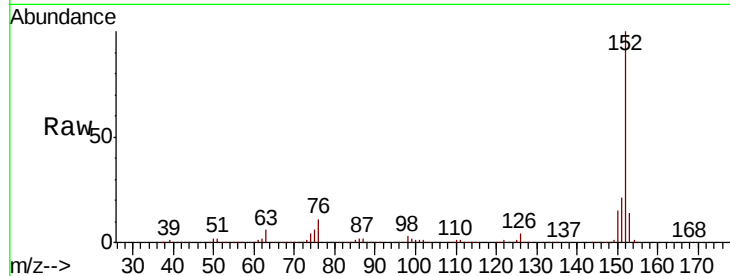
ClientSampleId :

TP-1MSD

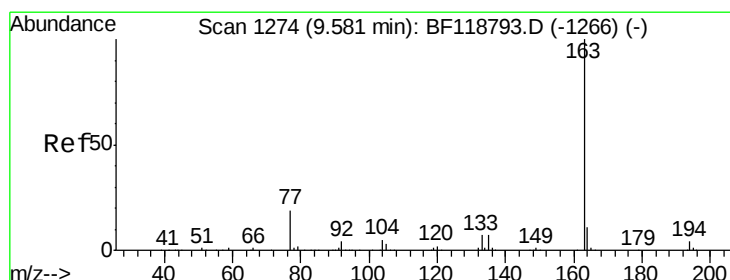
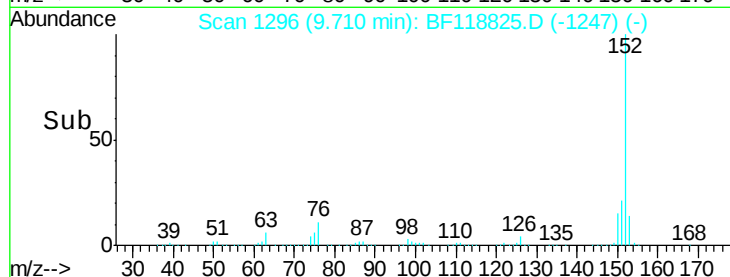
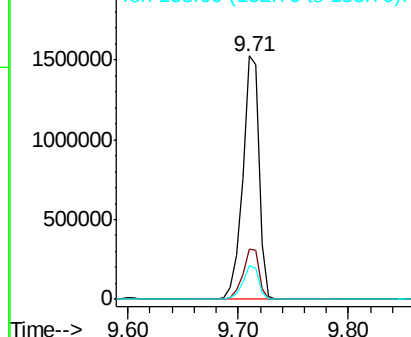
Tot Ion:	152	Resp:	1586111
Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.7	11.0	16.4

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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: 42.249 ng

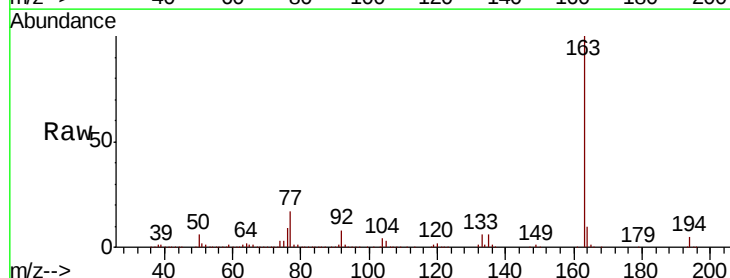
RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

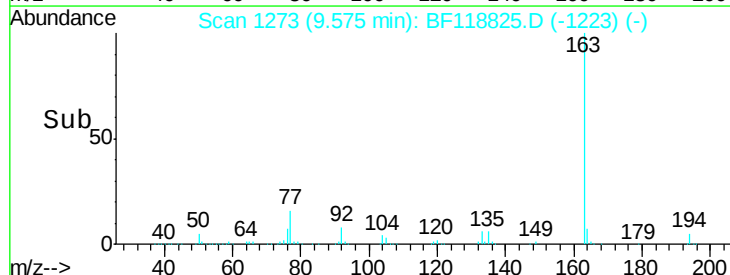
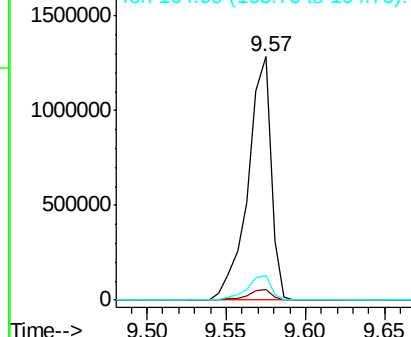
Lab File: BF118825.D

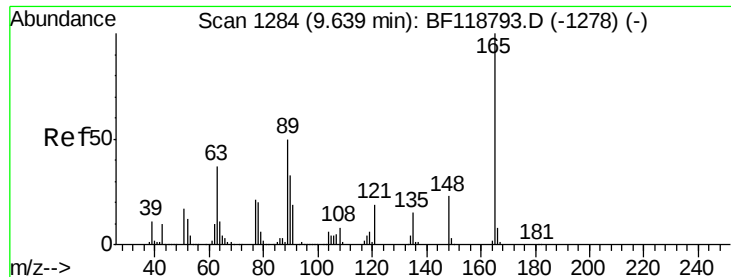
Acq: 5 Feb 2020 12:45

Tgt Ion:	163	Resp:	1298098
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.1	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: 40.900 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

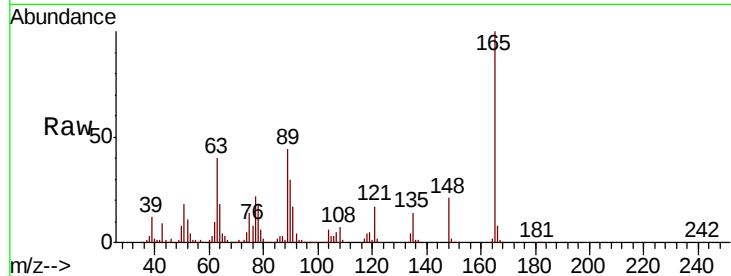
ClientSampleId :

TP-1MSD

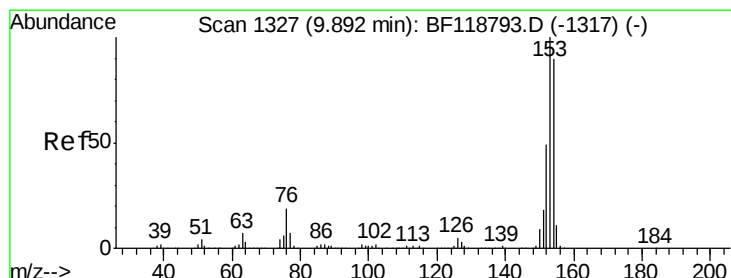
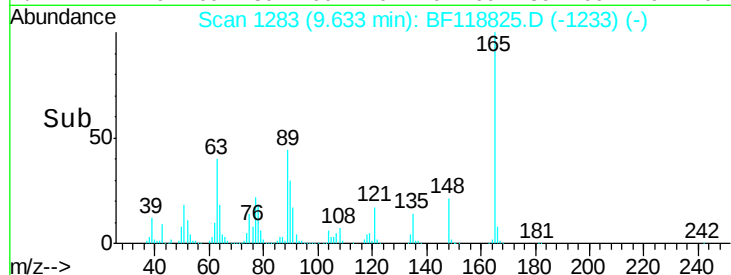
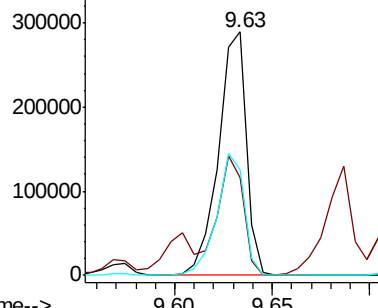
Tot Ion:	165	Resp:	287534
Ion Ratio		Lower	Upper
165	100		
63	40.1	37.4	56.0
89	43.5	39.7	59.5

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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



#52

Acenaphthene

Concen: 44.116 ng

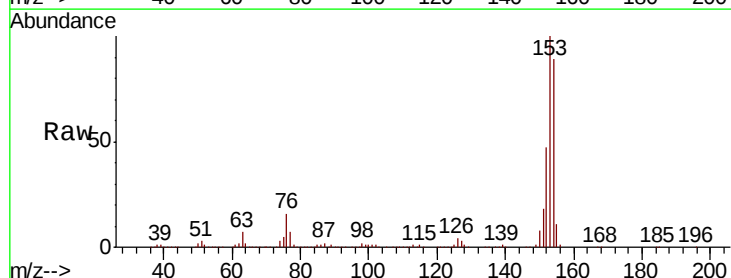
RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

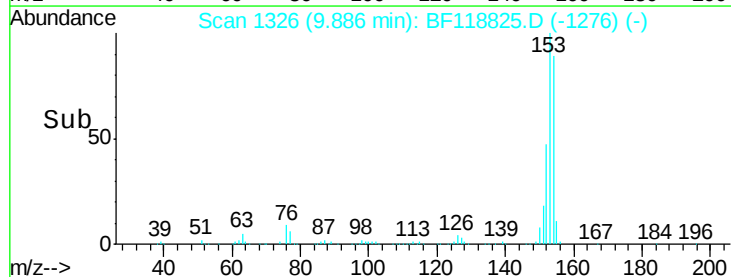
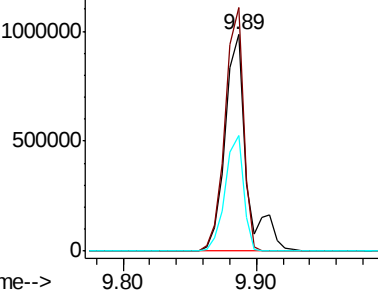
Lab File: BF118825.D

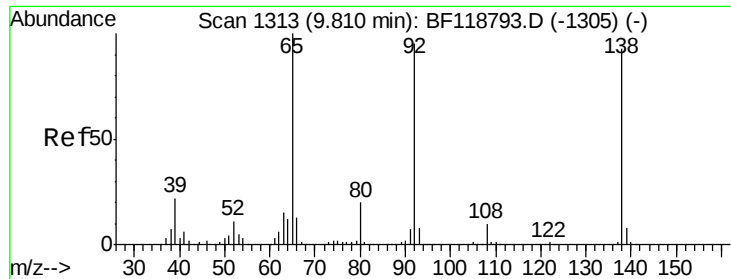
Acq: 5 Feb 2020 12:45

Tgt Ion:	154	Resp:	1089194
Ion Ratio		Lower	Upper
154	100		
153	112.6	89.4	134.0
152	53.2	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





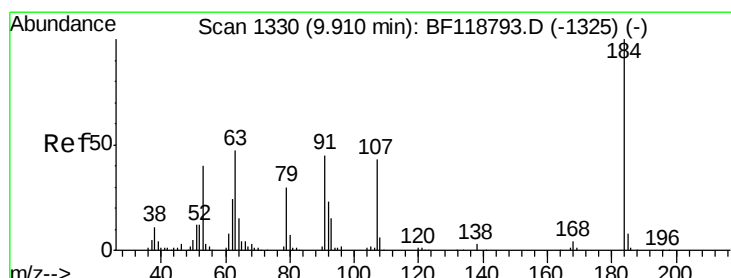
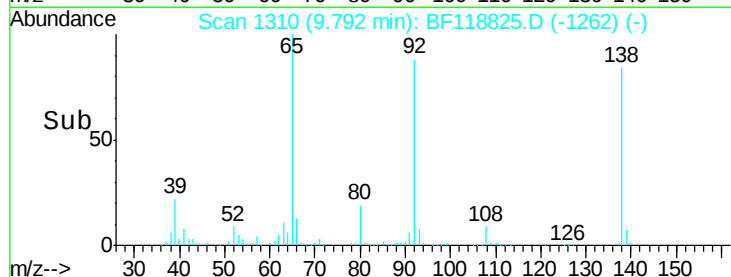
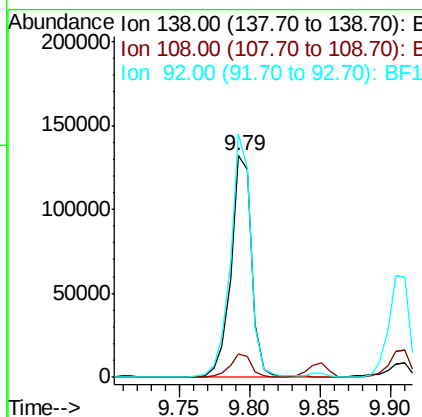
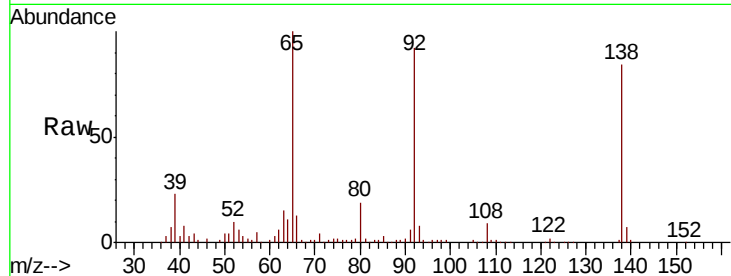
#53
3-Nitroaniline
Concen: 17.313 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	109.9	82.2	123.4

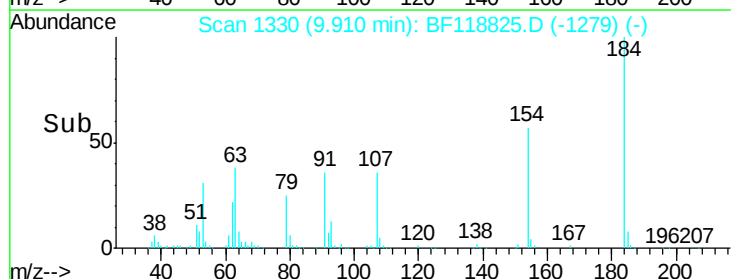
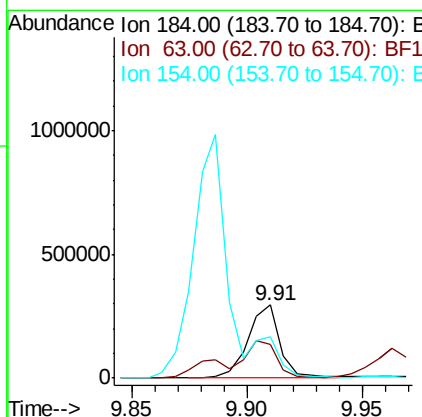
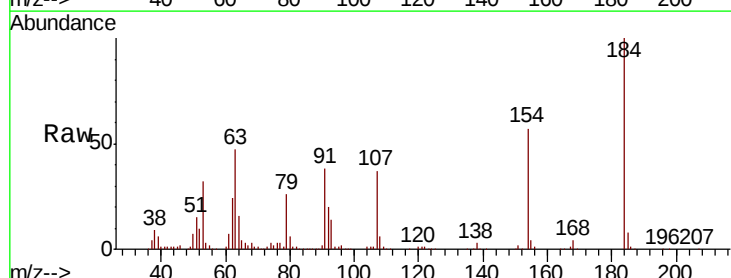
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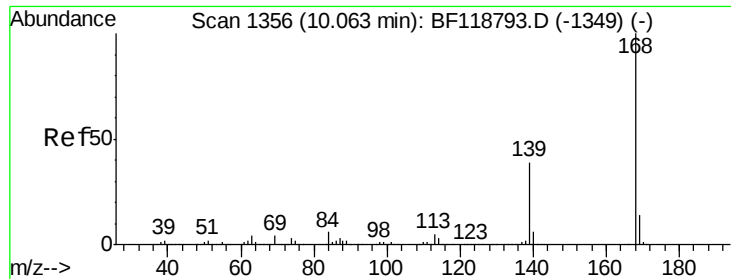
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#54
2,4-Dinitrophenol
Concen: 85.019 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.0	47.5	71.3#
154	57.0	48.6	72.8





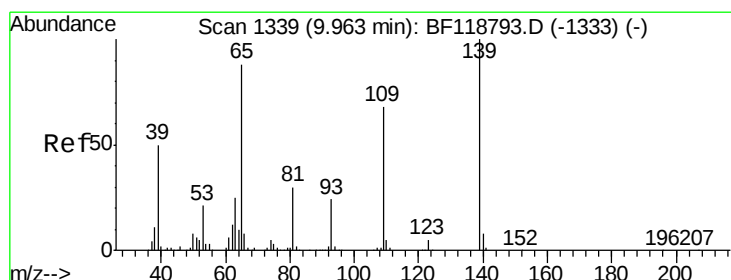
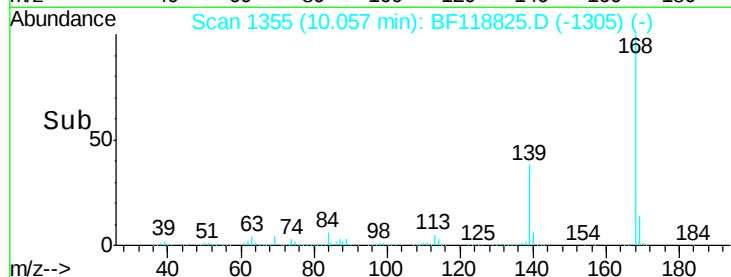
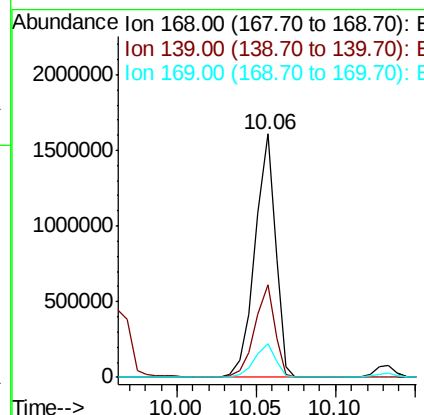
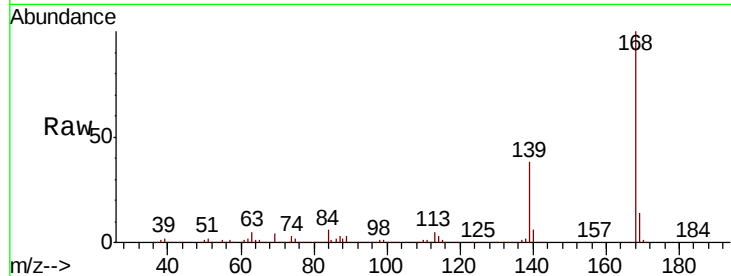
#55
Dibenzenofuran
Concen: 40.695 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.6	47.4
169	14.1	11.4	17.2

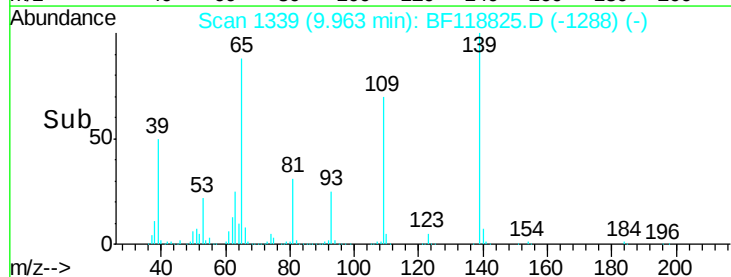
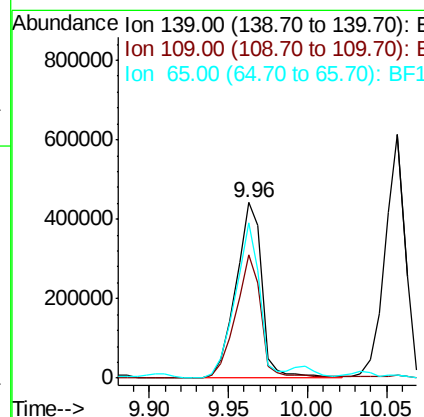
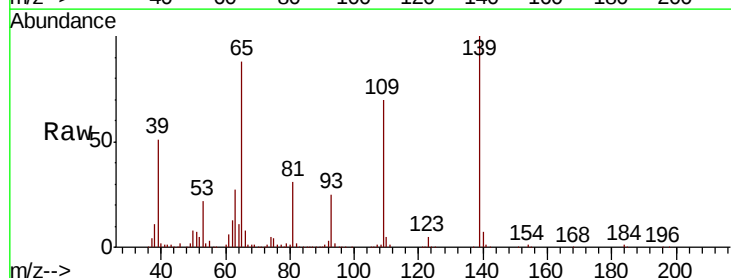
Manual Integrations
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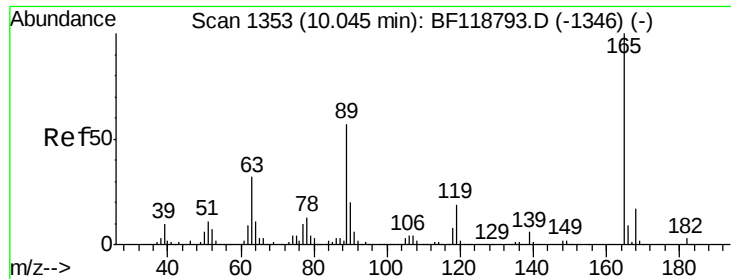
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#56
4-Nitrophenol
Concen: 89.689 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	48.0	88.0
65	88.1	68.3	108.3





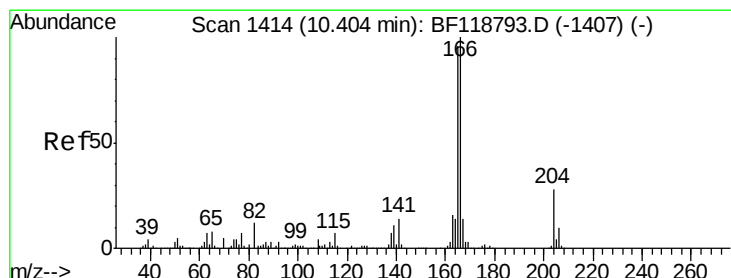
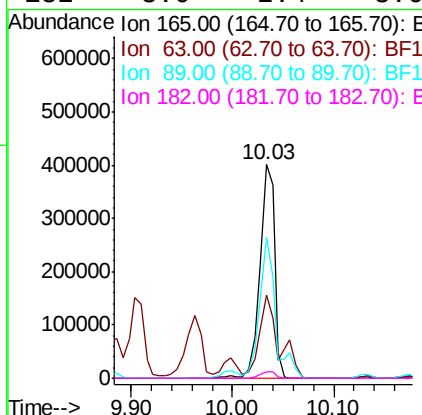
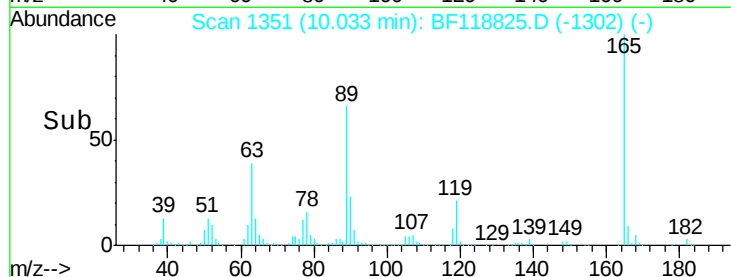
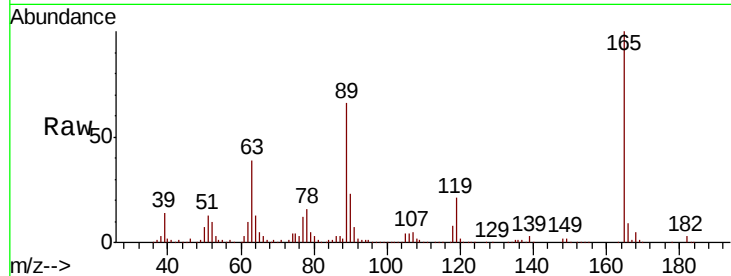
#57
2,4-Dinitrotoluene
Concen: 43.283 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	402686		
63	39.2	25.5	38.3	
89	65.9	45.4	68.0	
182	3.0	2.4	3.6	

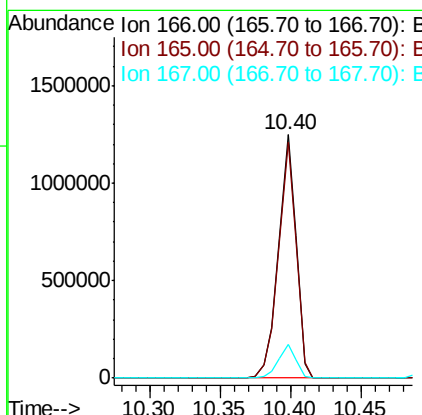
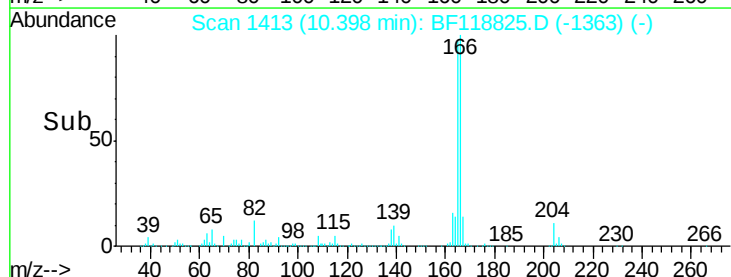
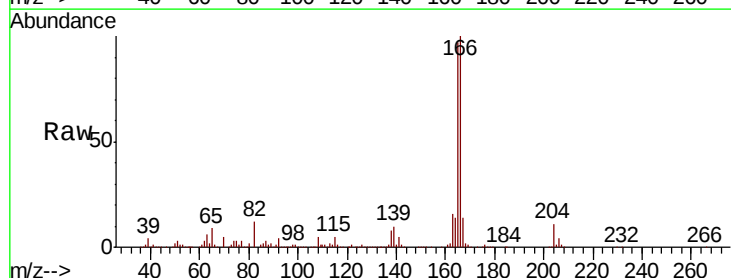
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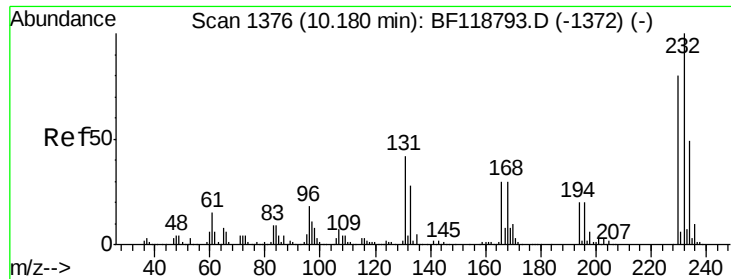
mohammad
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#58
Fluorene
Concen: 41.119 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1103766		
165	97.0	77.0	115.6	
167	13.7	11.1	16.7	





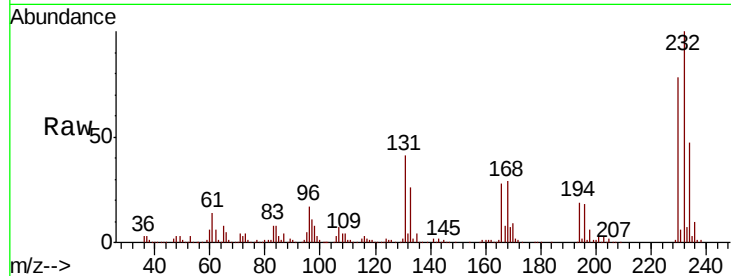
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.714 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

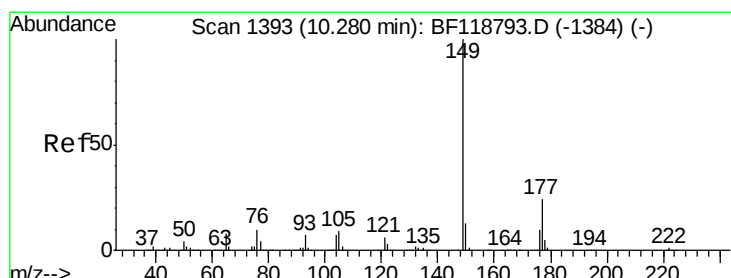
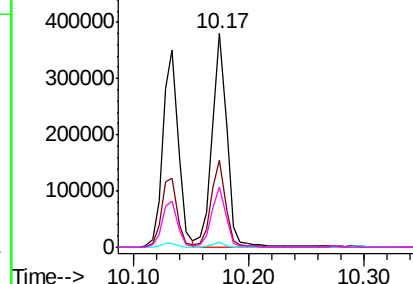
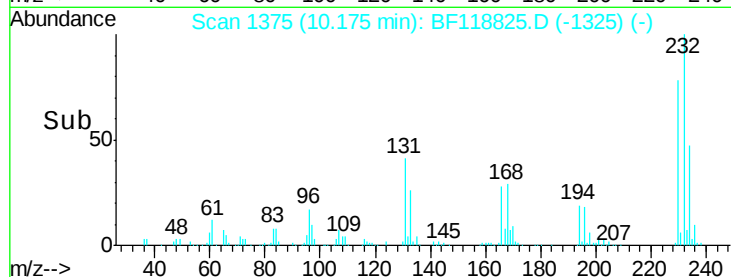
Tot Ion	Ratio	Resp	Lower	Upper
232	100	338986		
131	39.6		31.8	47.6
130	2.1		1.6	2.4
166	27.9		23.1	34.7

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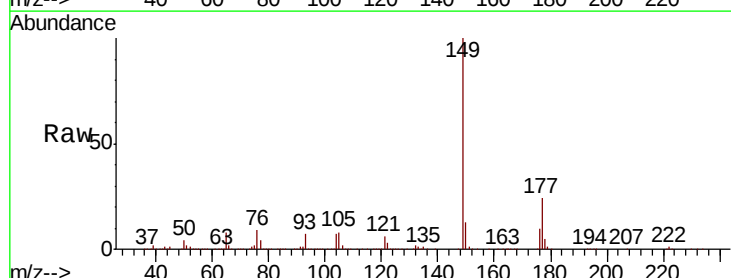


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

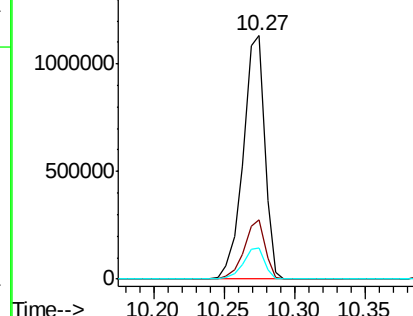
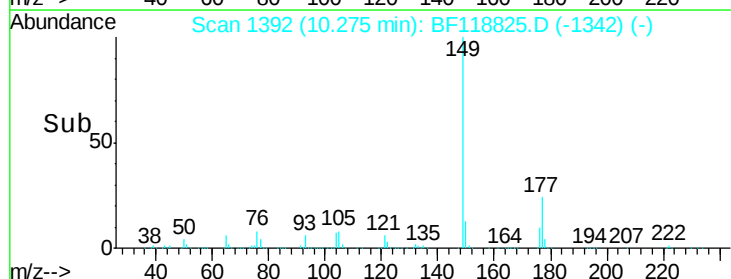


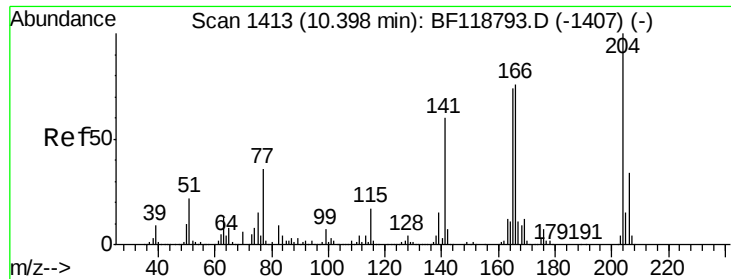
#60
 Diethylphthalate
 Concen: 40.309 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1204294		
177	24.1		19.3	28.9
150	12.7		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





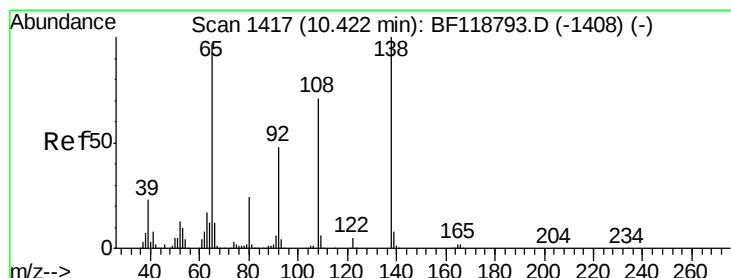
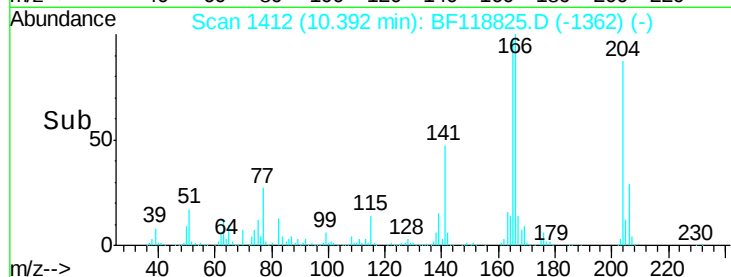
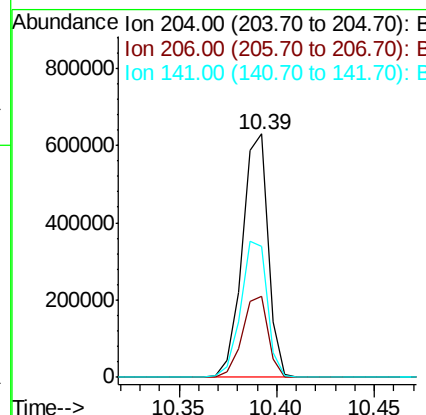
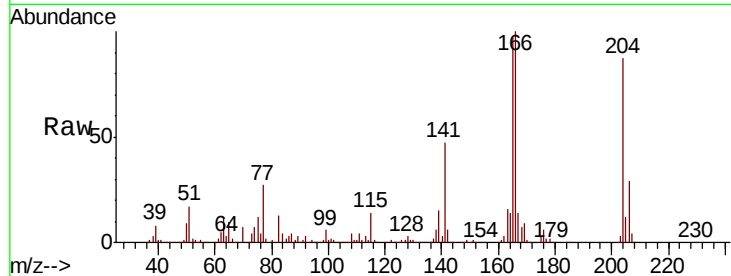
#61
4-Chlorophenyl-phenylether
Concen: 39.684 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.4	41.2
141	53.7	47.8	71.6

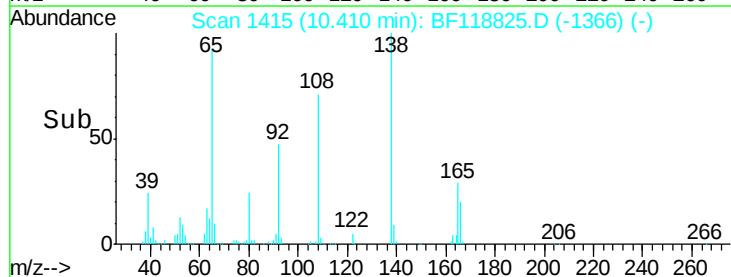
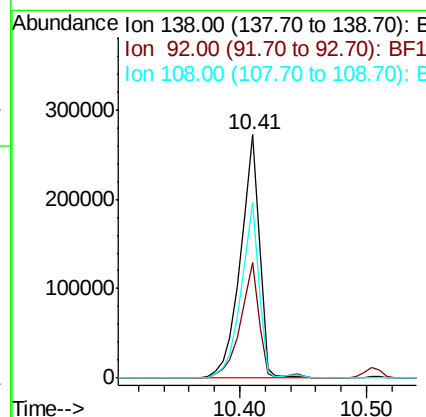
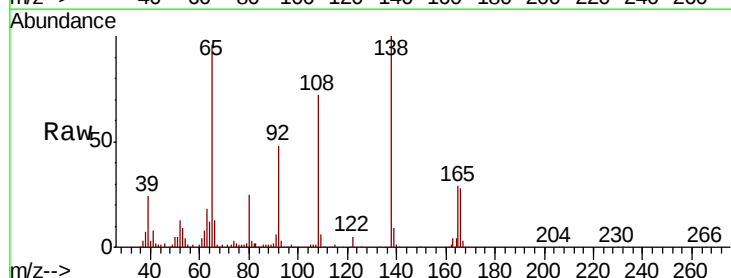
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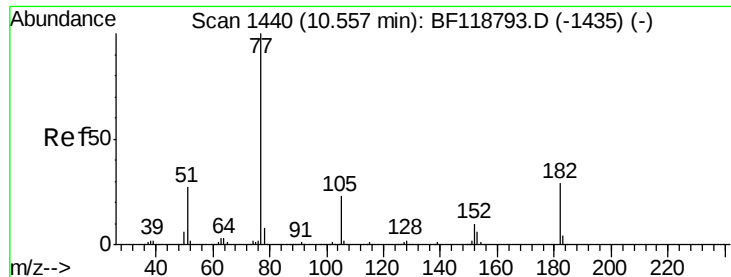
mohammad
2/6/2020 2:18:54 PM



#62
4-Nitroaniline
Concen: 35.974 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	27.6	67.6
108	72.2	51.3	91.3





#63

Azobenzene

Concen: 41.423 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion: 77 Resp: 1056567

Ion Ratio Lower Upper

77 100

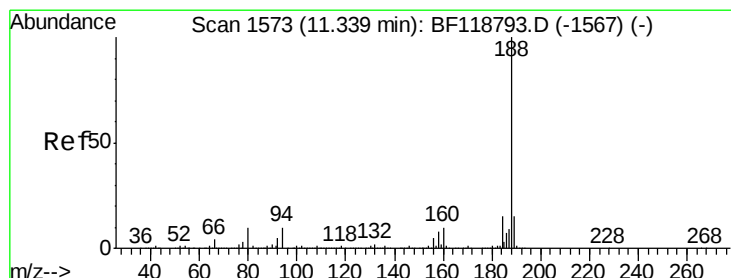
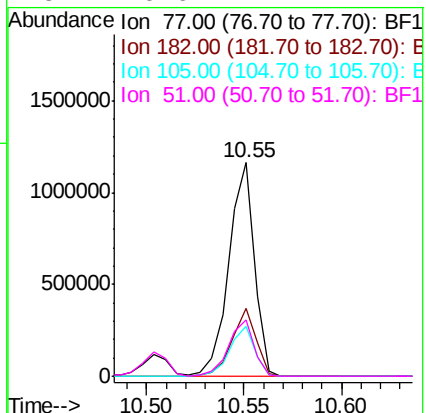
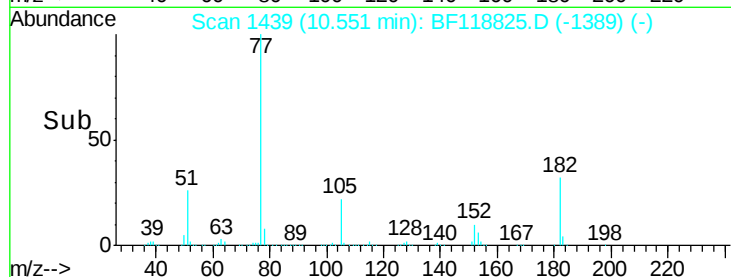
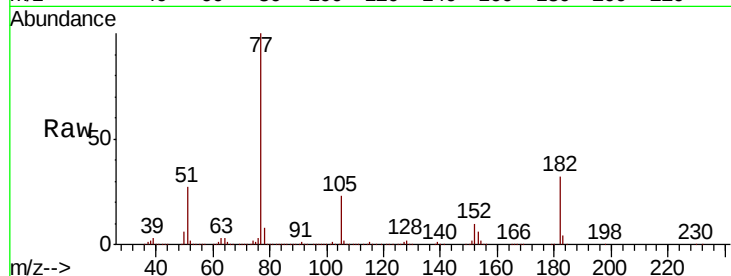
182 31.5 9.2 49.2

105 23.3 3.1 43.1

51 26.6 7.4 47.4

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

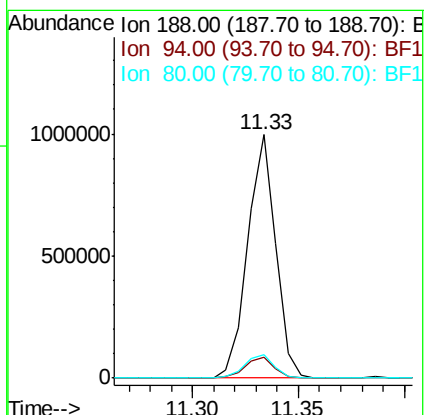
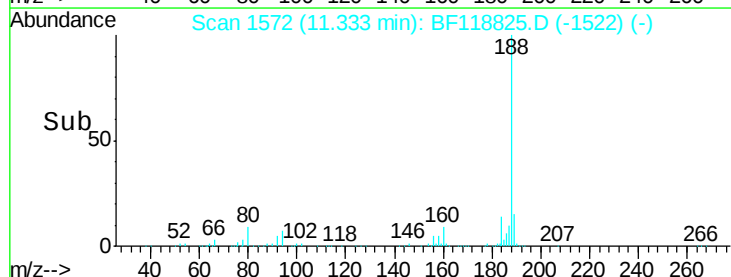
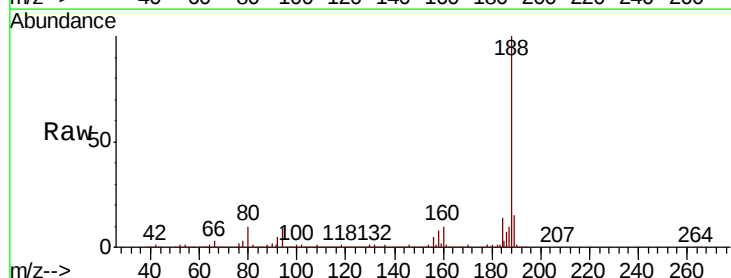
Tgt Ion: 188 Resp: 919611

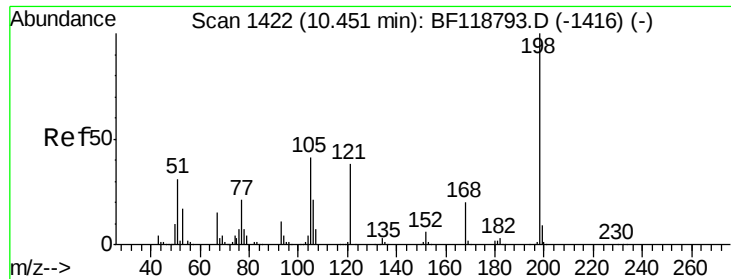
Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.5 8.4 12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.177 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:198 Resp: 223116

Ion Ratio Lower Upper

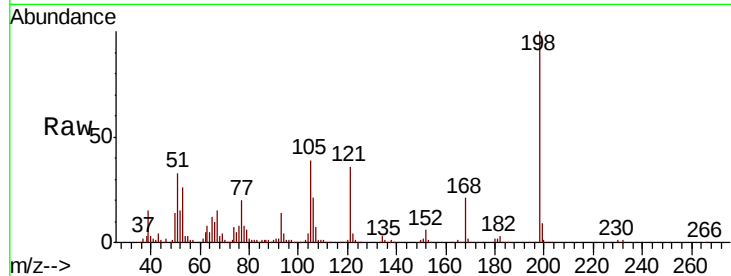
198 100

51 32.9 16.7 56.7

105 38.6 22.0 62.0

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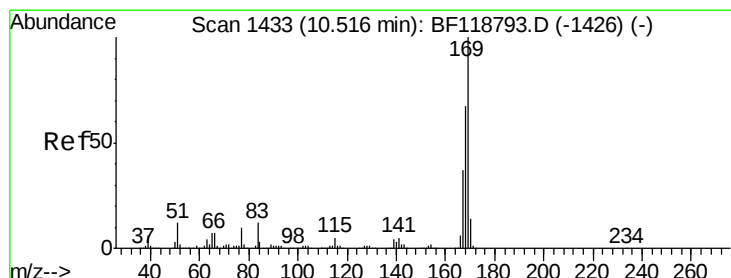
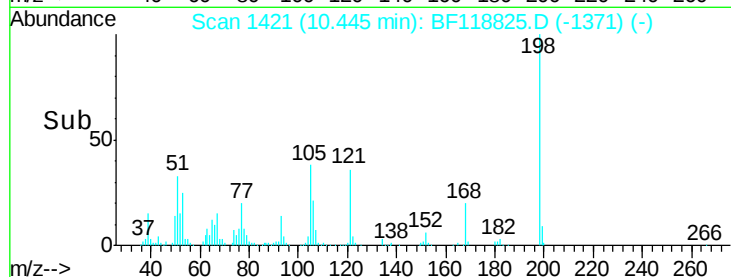
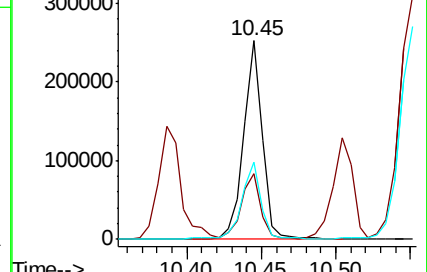
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.767 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

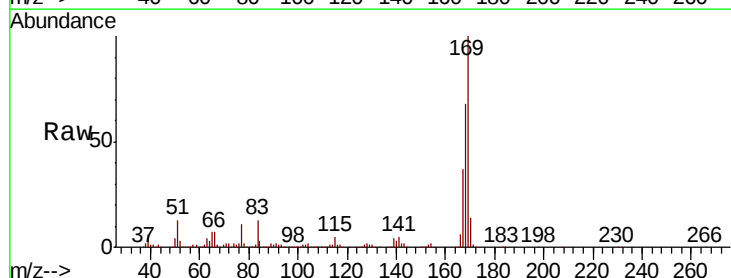
Tgt Ion:169 Resp: 1032650

Ion Ratio Lower Upper

169 100

168 68.1 53.5 80.3

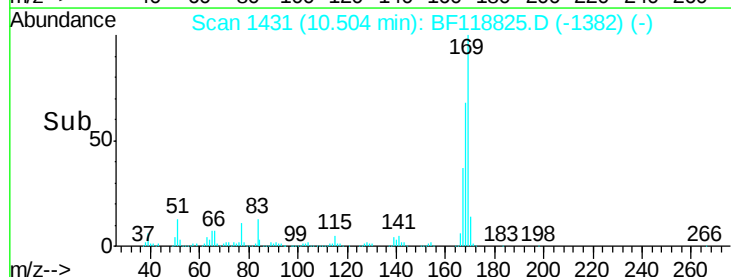
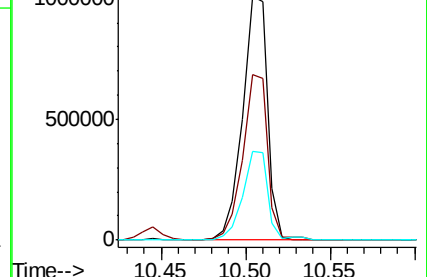
167 36.6 29.3 43.9

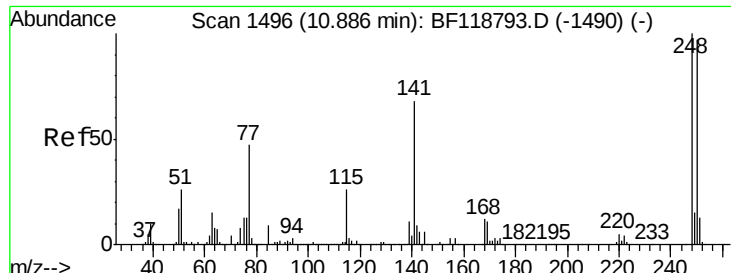


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





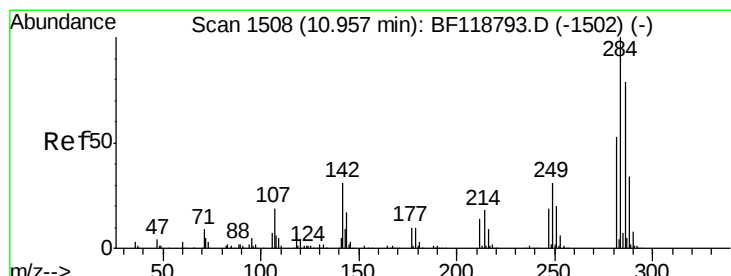
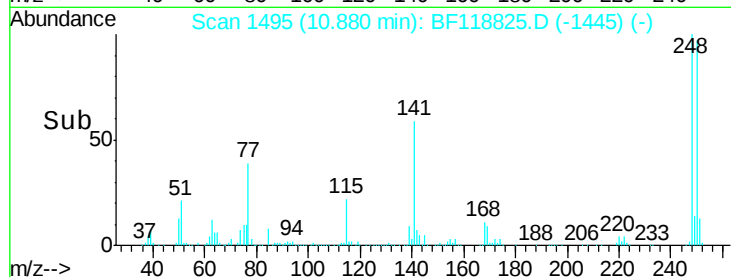
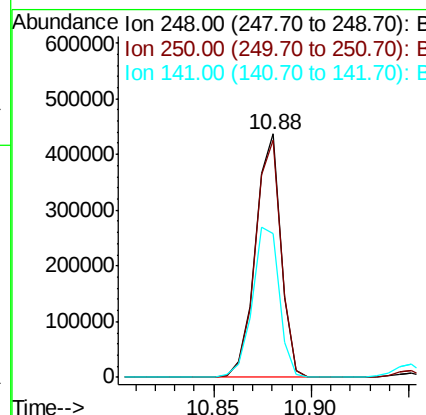
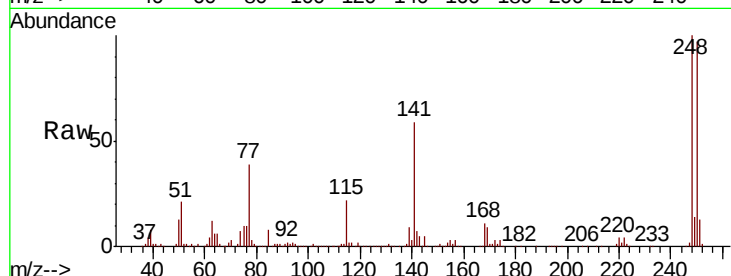
#67
4-Bromophenyl-phenylether
Concen: 36.299 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	59.0	54.4	81.6

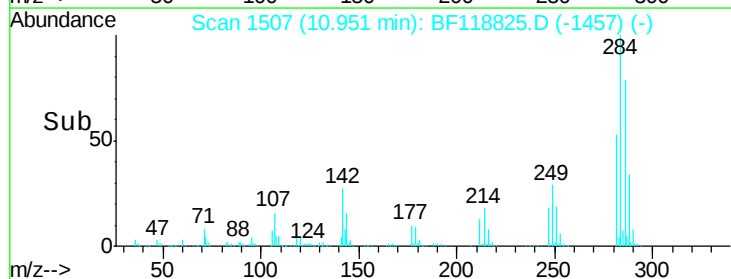
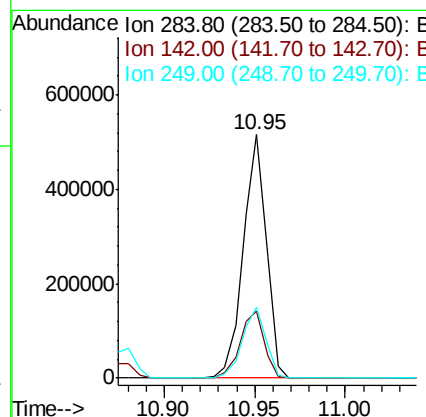
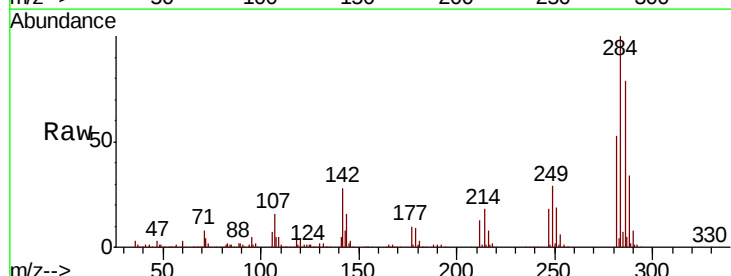
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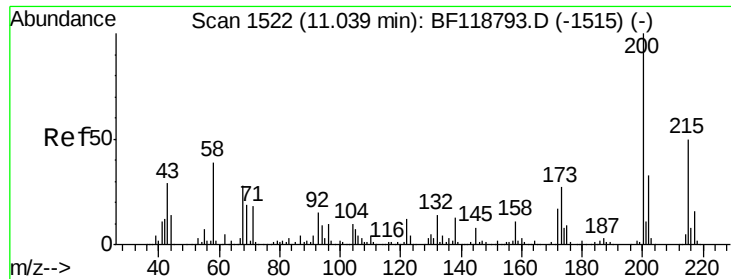
mohammad
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#68
Hexachlorobenzene
Concen: 36.433 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	24.5	36.7
249	29.2	24.7	37.1





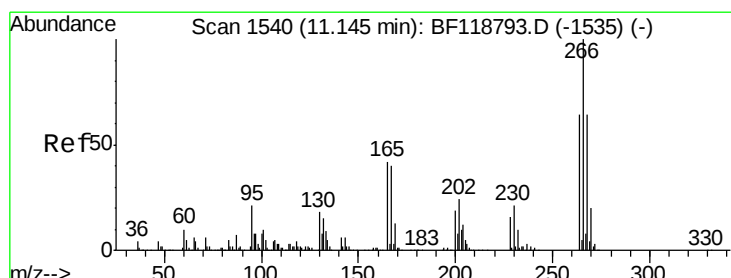
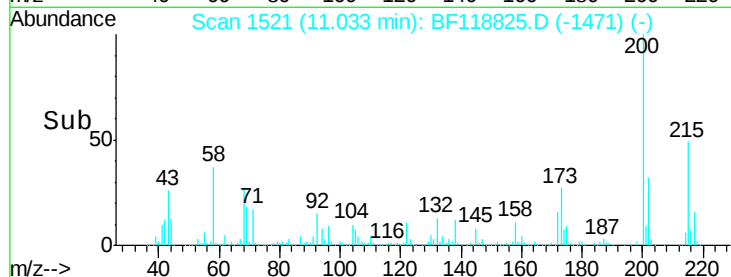
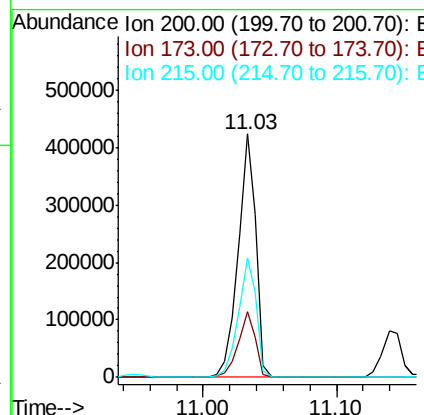
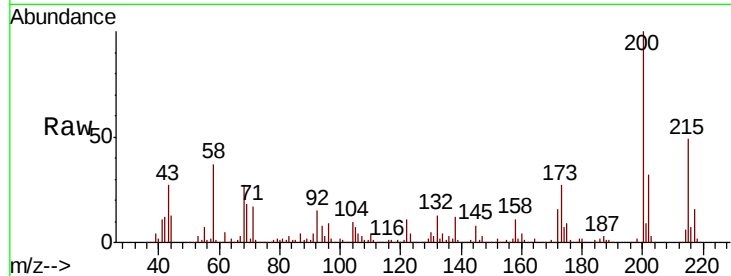
#69
Atrazine
Concen: 44.569 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	7.5	47.5
215	48.9	29.9	69.9

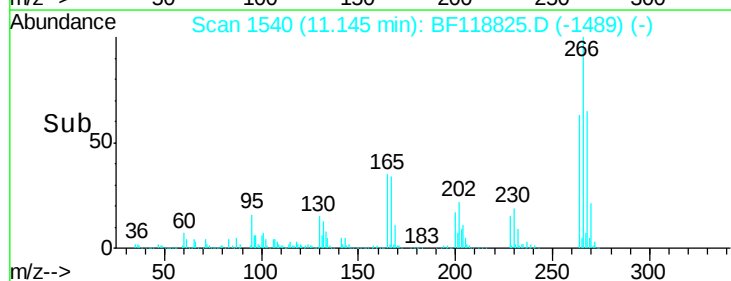
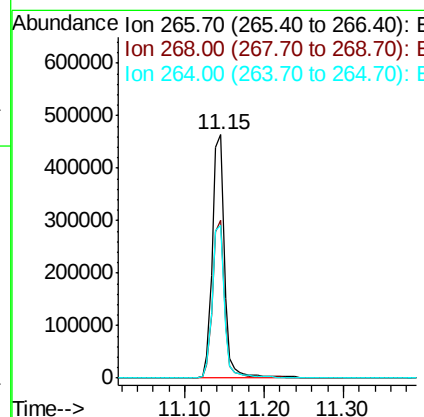
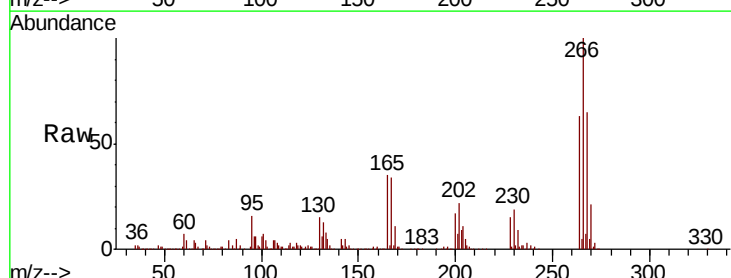
Manual Integrations
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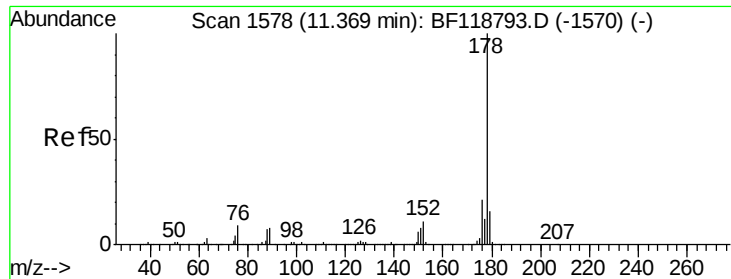
mohammad
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#70
Pentachlorophenol
Concen: 76.381 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	51.0	76.6
264	62.7	51.4	77.2





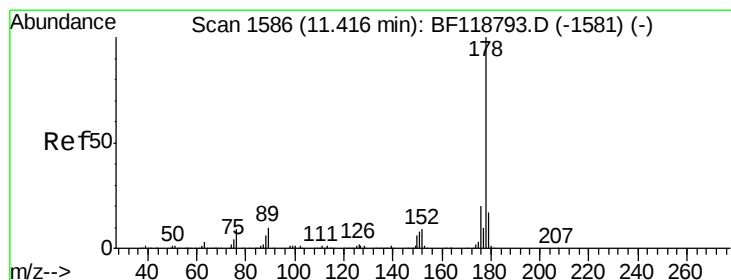
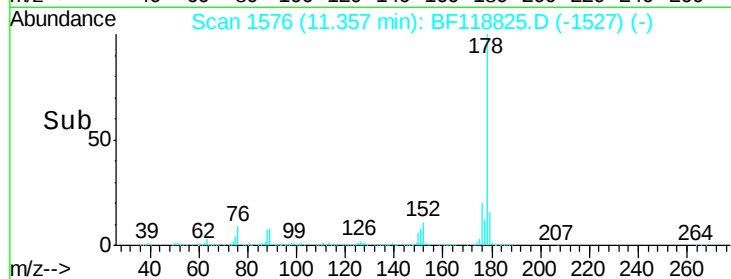
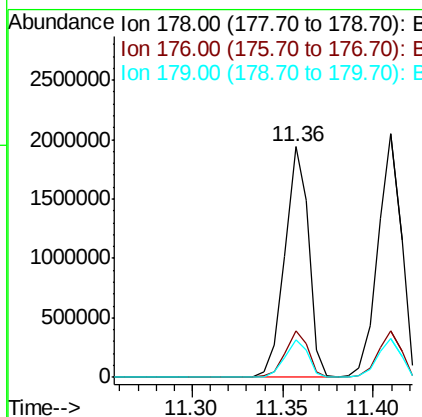
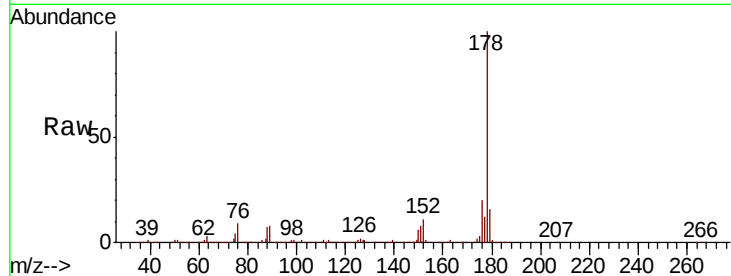
#71
Phenanthrene
Concen: 39.171 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion:178 Resp: 1772346
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 16.3 13.2 19.8

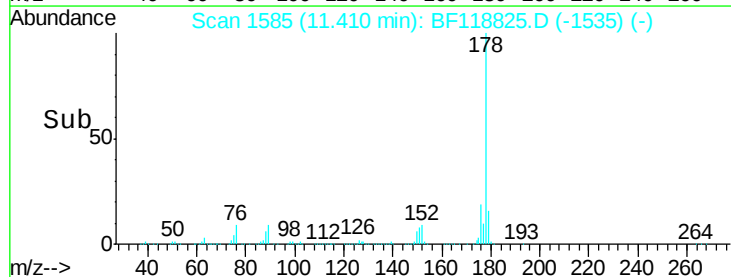
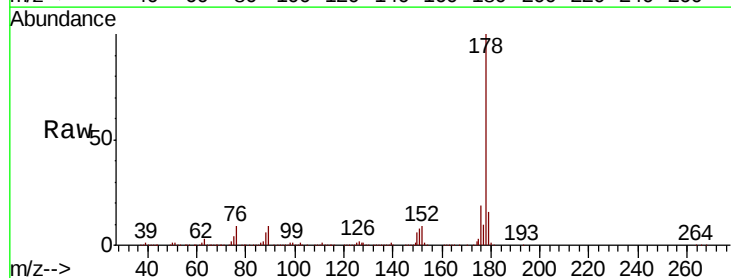
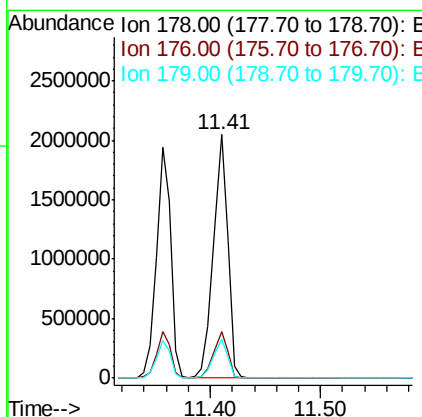
Manual Integrations
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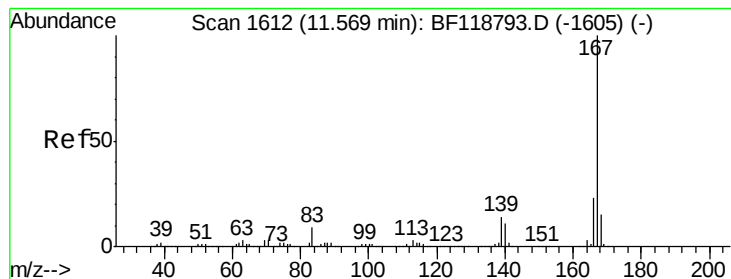
mohammad
2/6/2020 2:18:54 PM



#72
Anthracene
Concen: 40.706 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:178 Resp: 1832257
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 16.1 13.4 20.2





#73

Carbazole

Concen: 42.133 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:167 Resp: 1664382

Ion Ratio Lower Upper

167 100

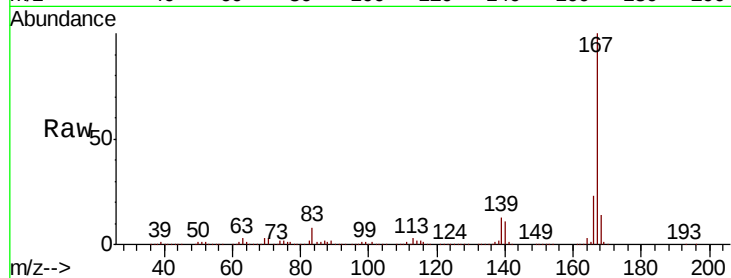
166 22.8 18.4 27.6

139 13.3 11.1 16.7

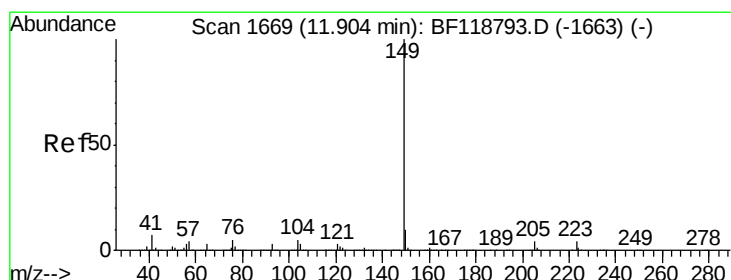
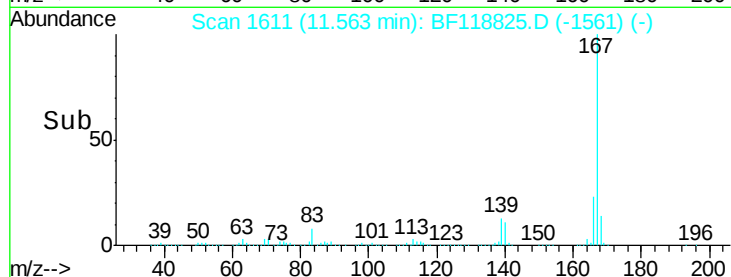
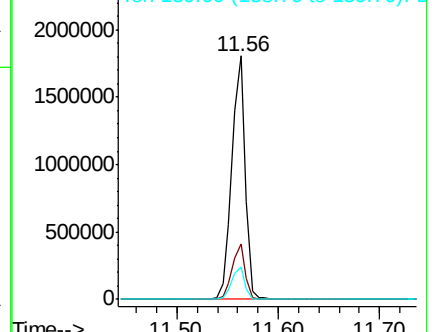
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.112 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

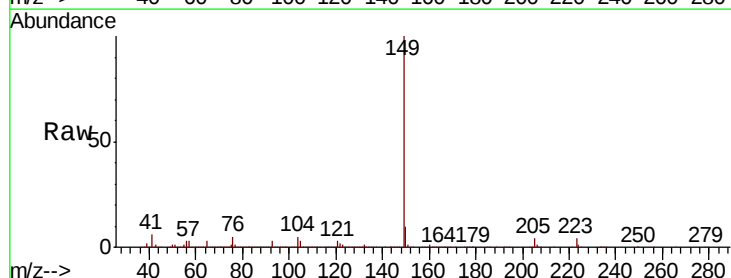
Tgt Ion:149 Resp: 1968169

Ion Ratio Lower Upper

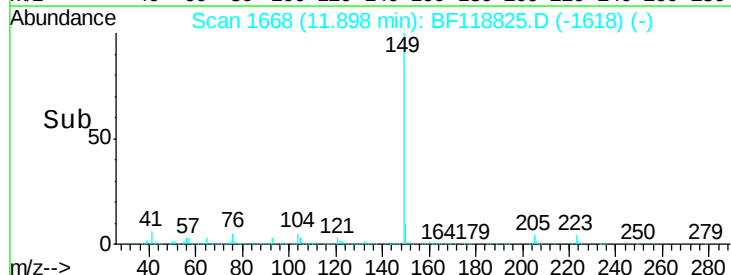
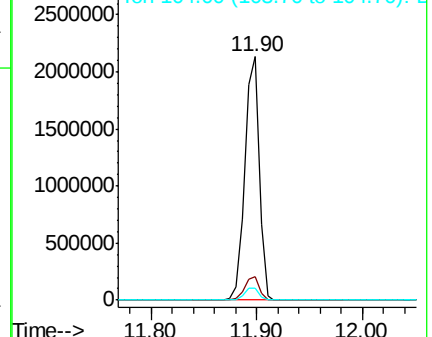
149 100

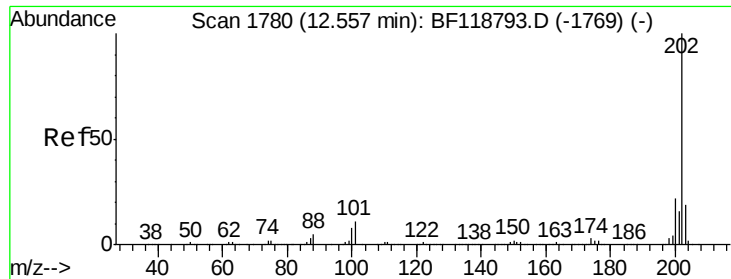
150 9.7 8.1 12.1

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





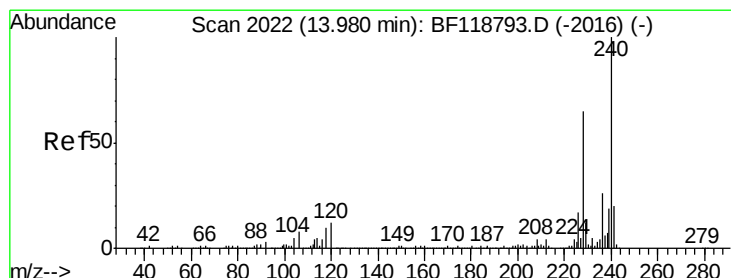
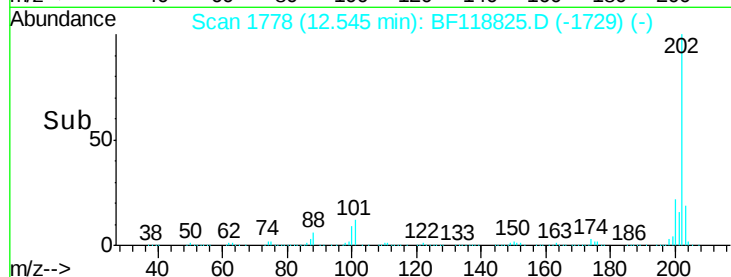
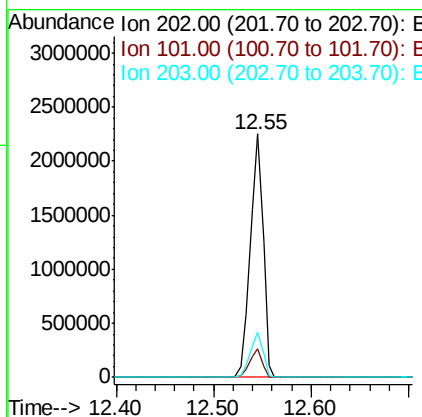
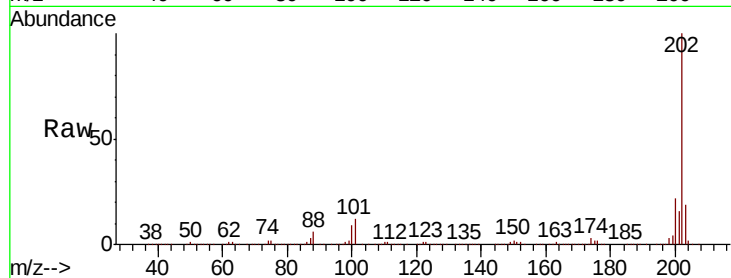
#75
Fluoranthene
Concen: 42.026 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	18.6	0.0	38.7

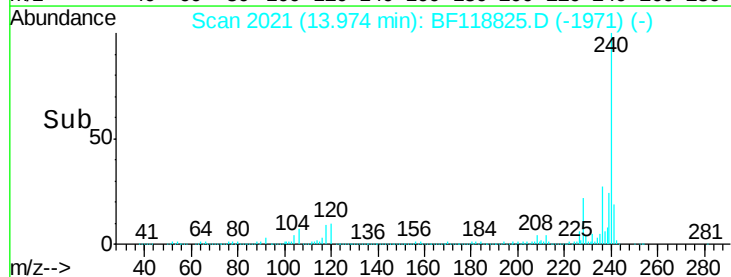
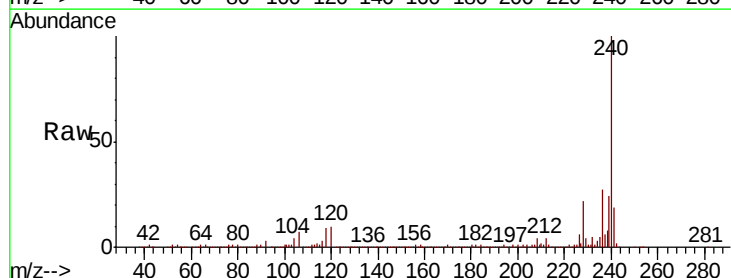
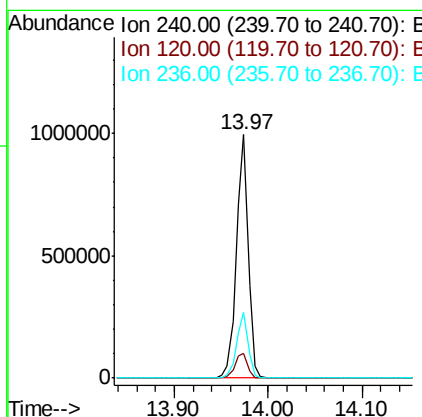
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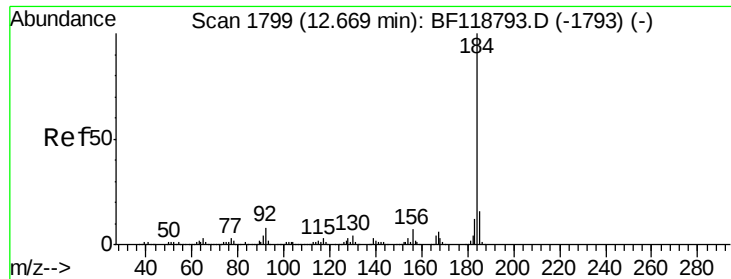
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.4	14.0
236	26.9	21.0	31.6





#77

Benzidine

Concen: 34.684 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

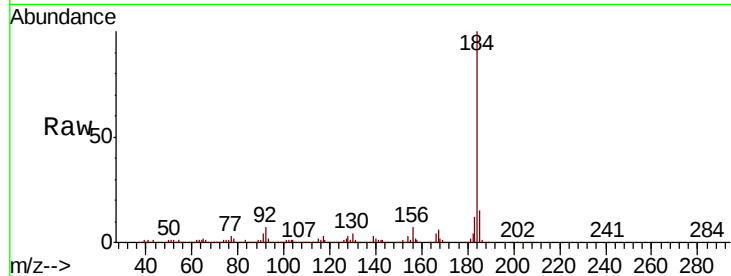
ClientSampled :

TP-1MSD

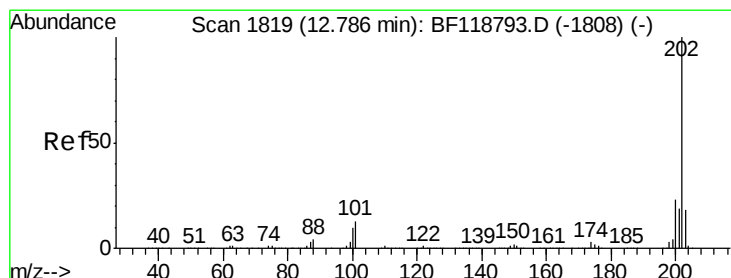
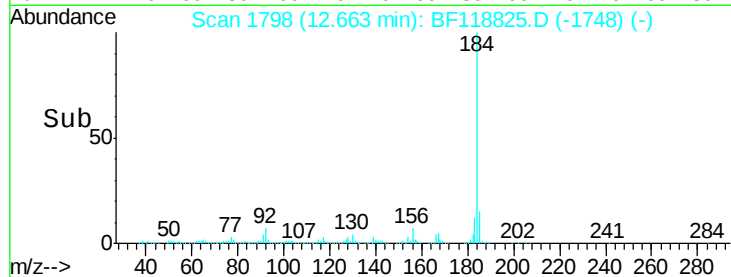
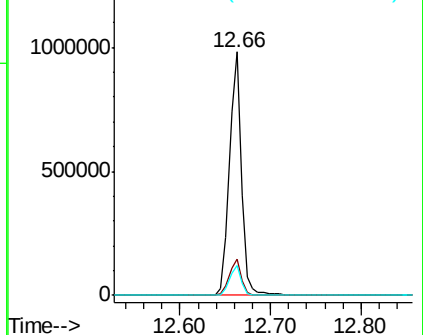
Tot Ion:	184	Resp:	904172
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.5	18.7
183	12.2	9.7	14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.115 ng

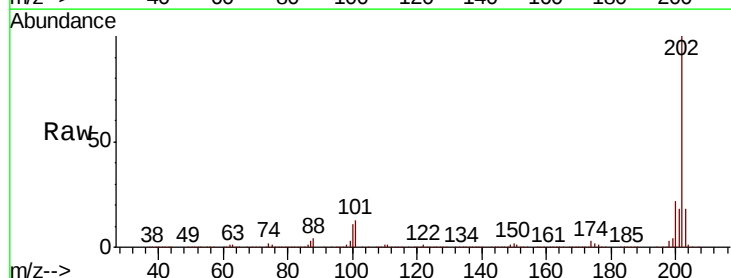
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

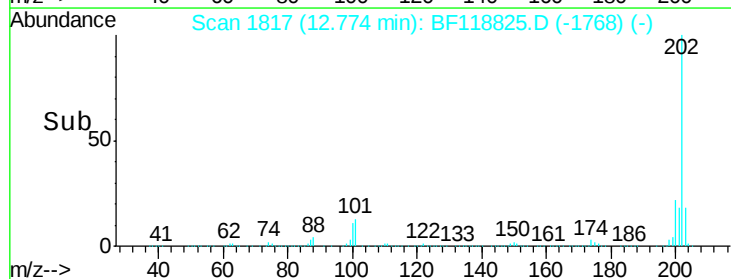
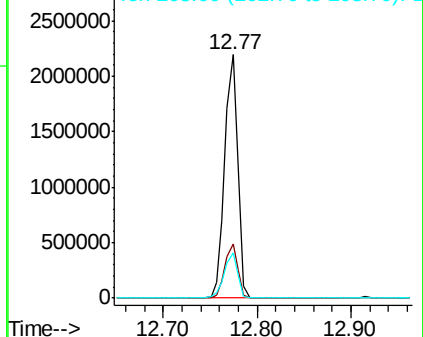
Lab File: BF118825.D

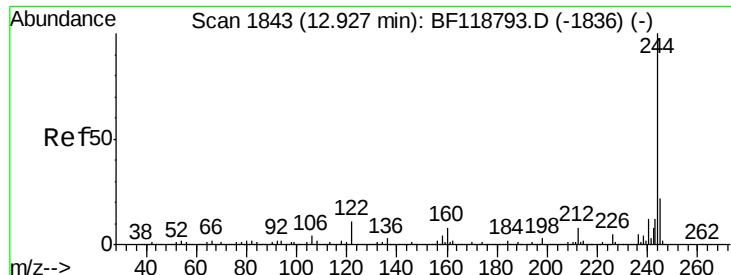
Acq: 5 Feb 2020 12:45

Tgt Ion:	202	Resp:	2135481
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	18.4	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





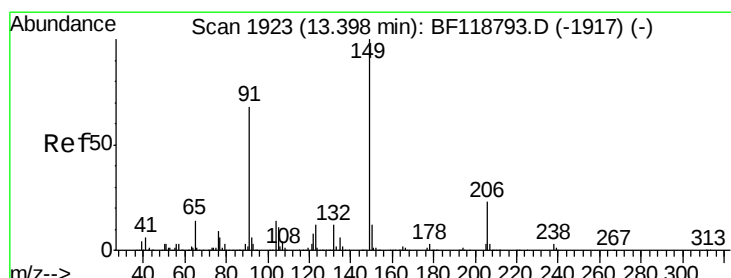
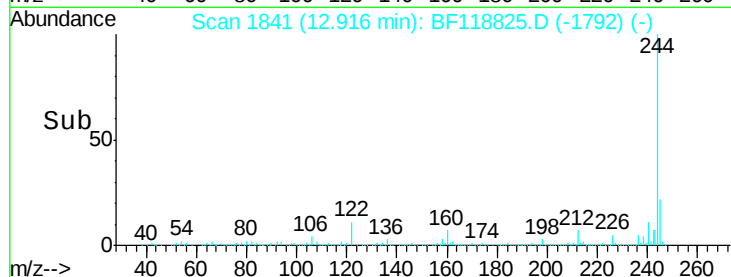
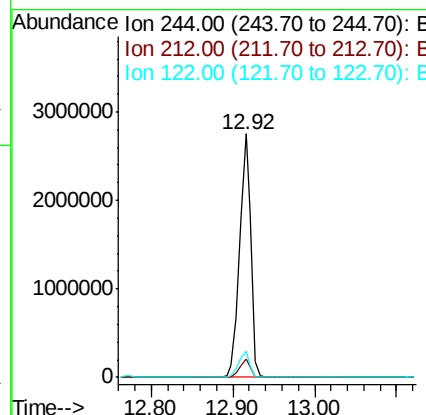
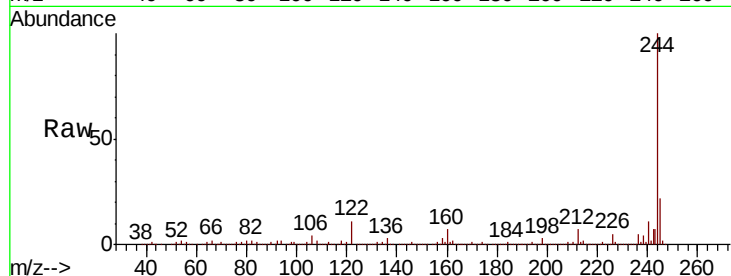
#79
 Terphenyl-d14
 Concen: 63.017 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.7	8.9	13.3

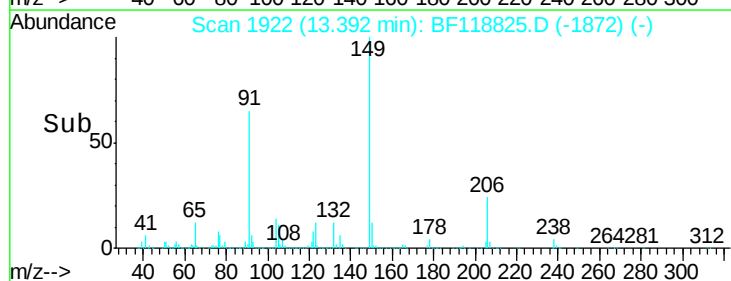
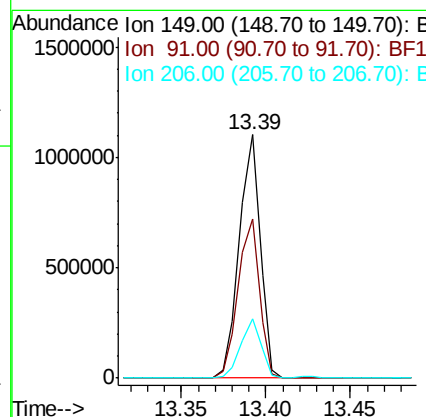
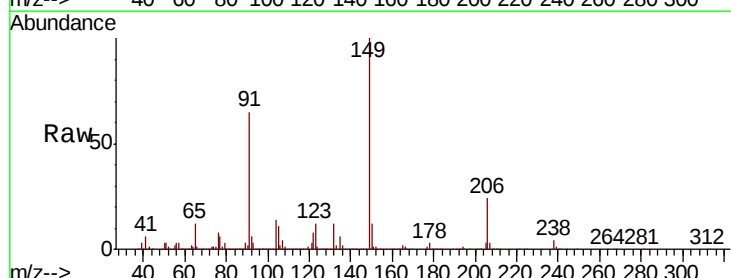
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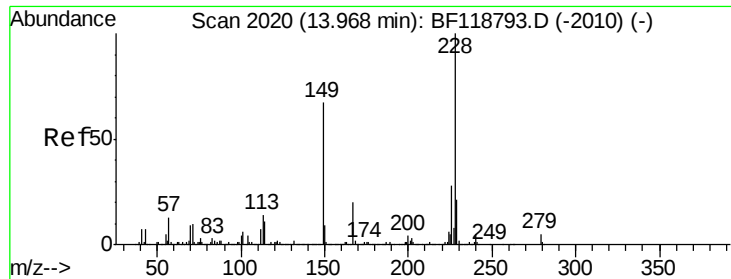
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#80
 Butylbenzylphthalate
 Concen: 35.434 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	54.7	82.1
206	24.2	18.5	27.7





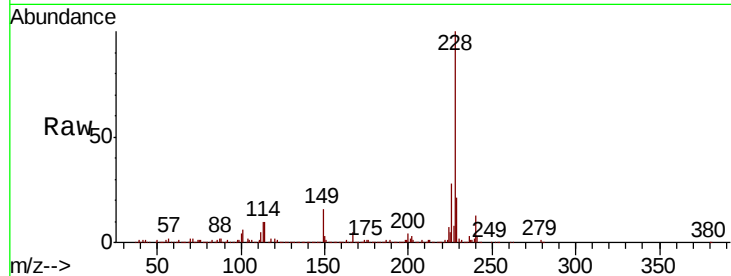
#81
Benzo(a)anthracene
Concen: 39.518 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

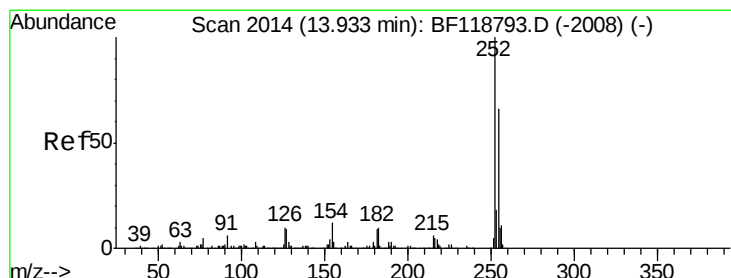
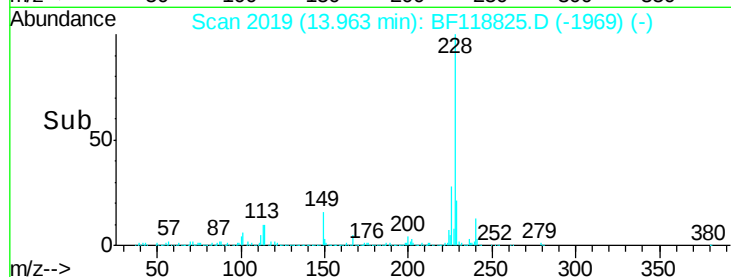
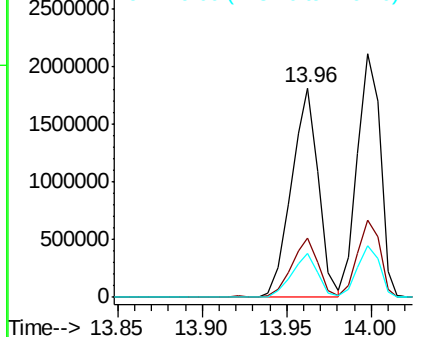
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.7	16.6	25.0

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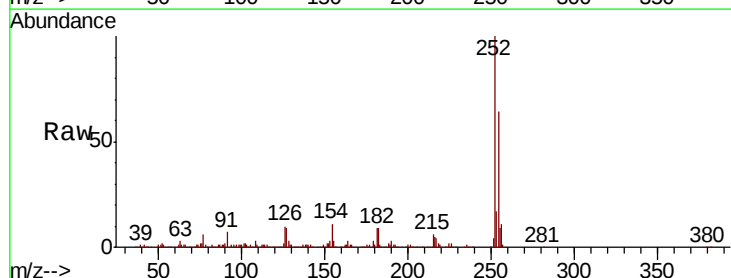


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

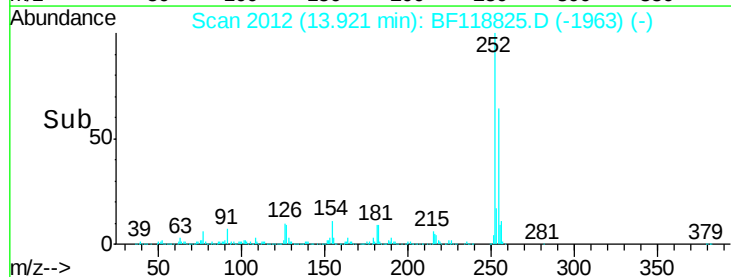
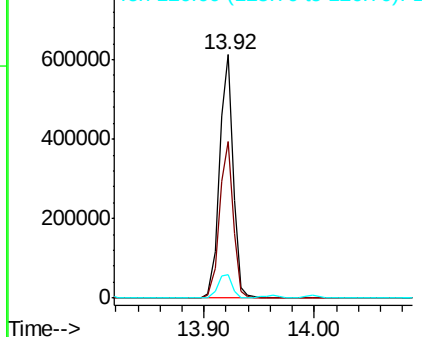


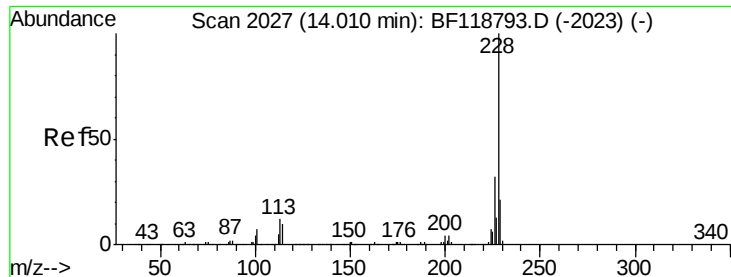
#82
3,3'-Dichlorobenzidine
Concen: 25.138 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.4	78.6
126	9.8	7.8	11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





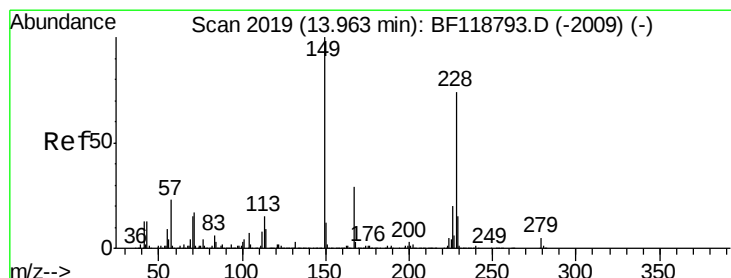
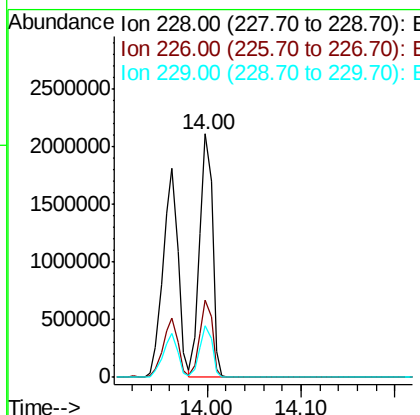
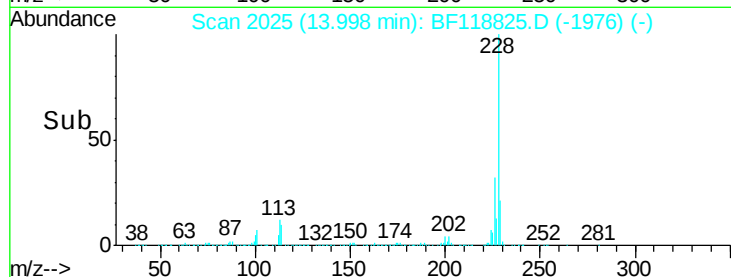
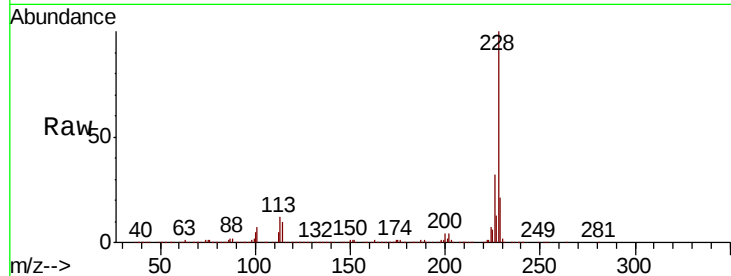
#83
Chrysene
Concen: 39.005 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:228 Resp: 2007851
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 21.2 16.9 25.3

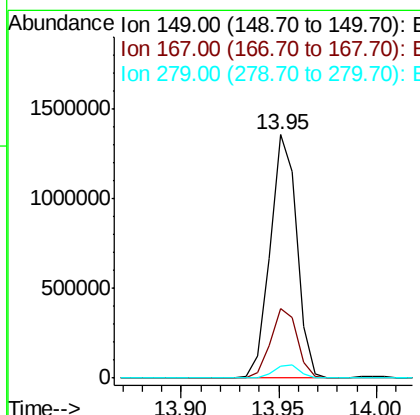
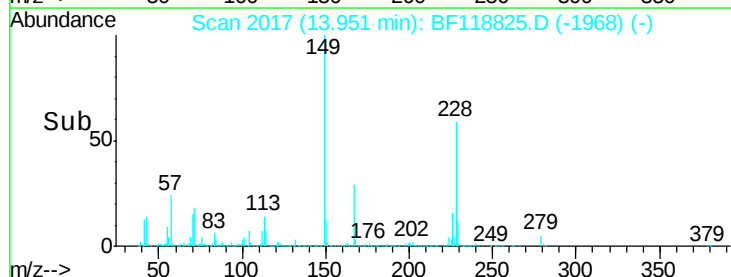
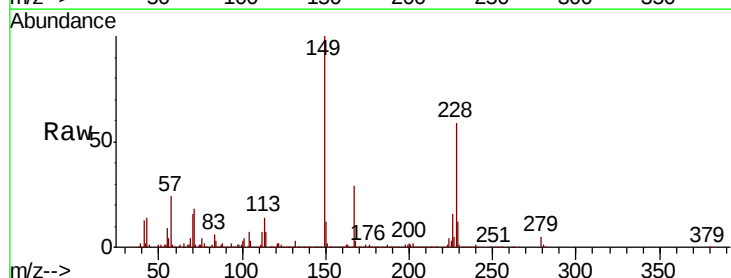
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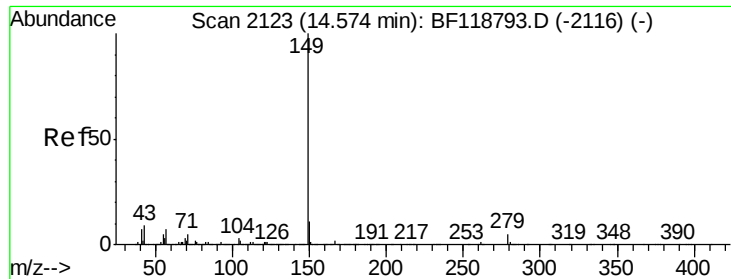
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.222 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:149 Resp: 1274499
Ion Ratio Lower Upper
149 100
167 28.7 23.0 34.6
279 5.1 4.4 6.6





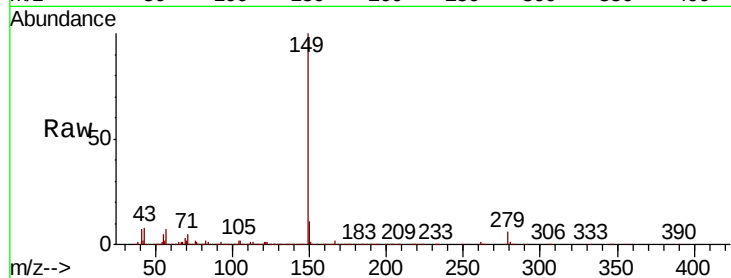
#85
Di-n-octyl phthalate
Concen: 39.636 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

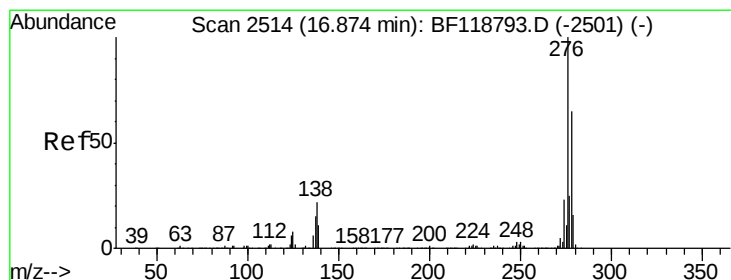
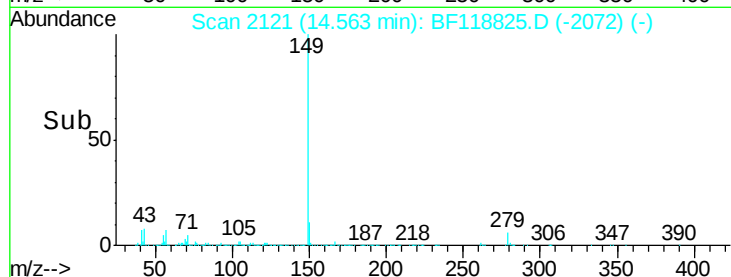
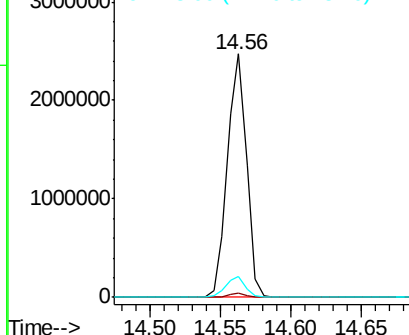
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.2	6.6	10.0

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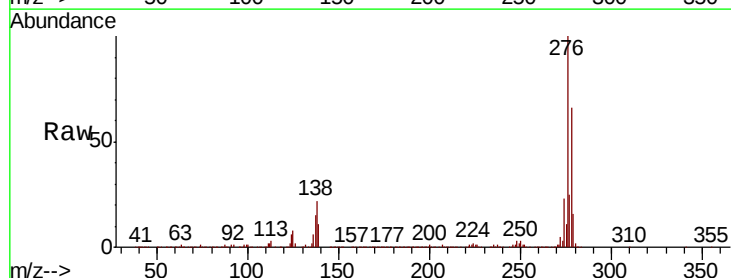


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

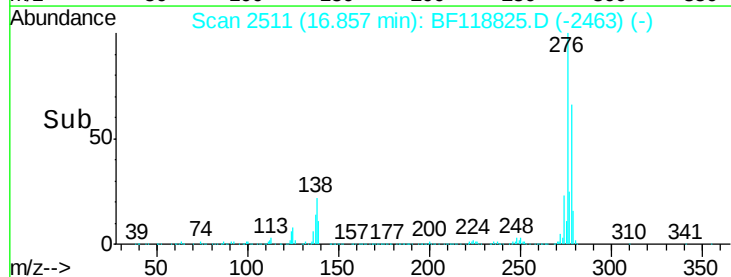
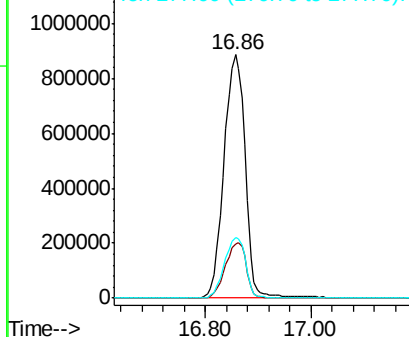


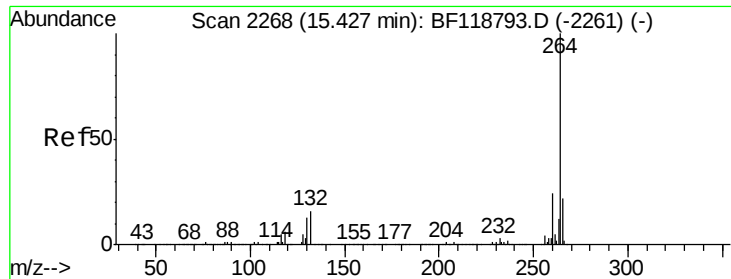
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.061 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.3	27.5
277	25.3	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

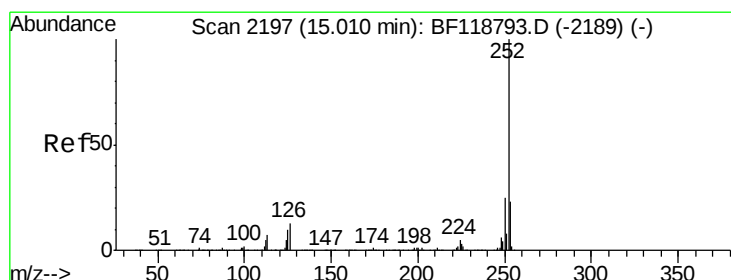
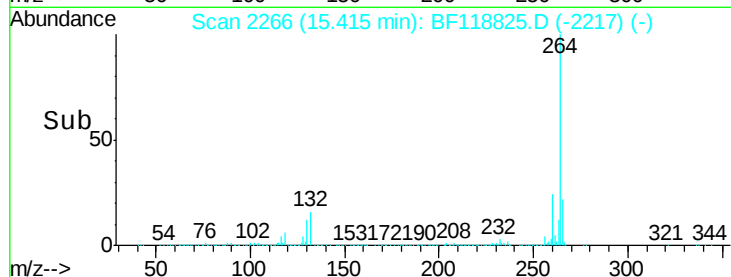
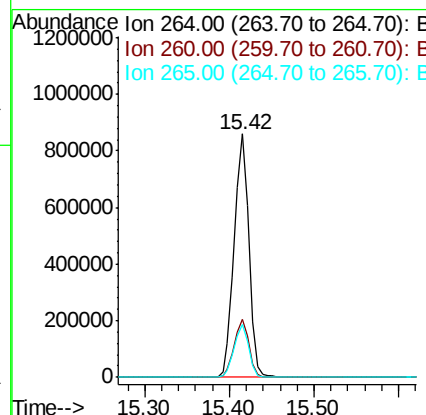
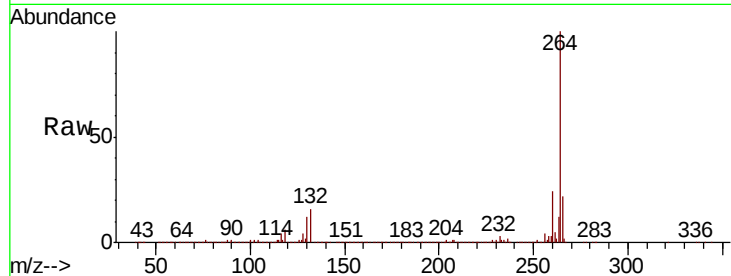
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:264 Resp: 1030223

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.5	17.2	25.8

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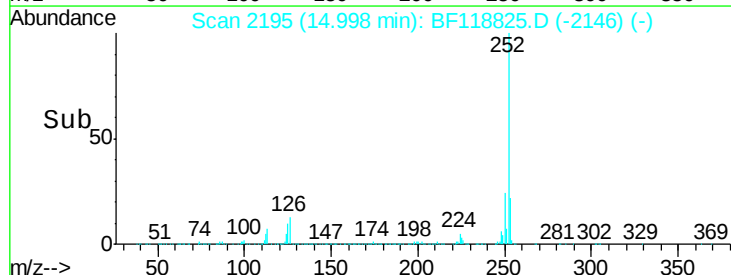
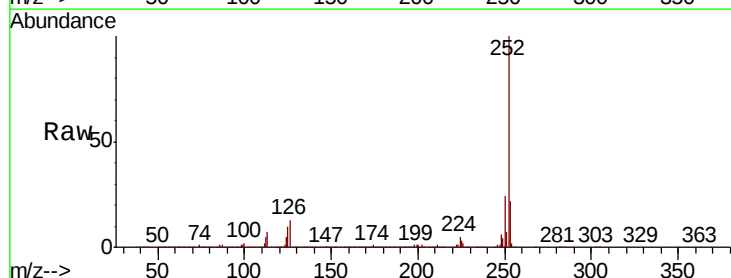
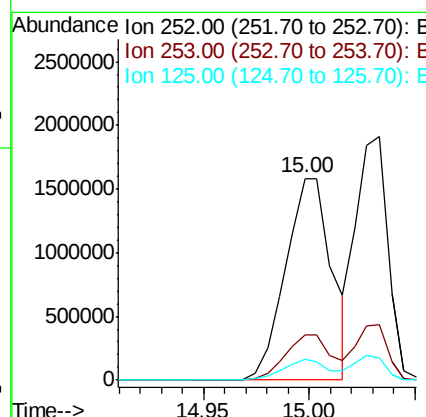
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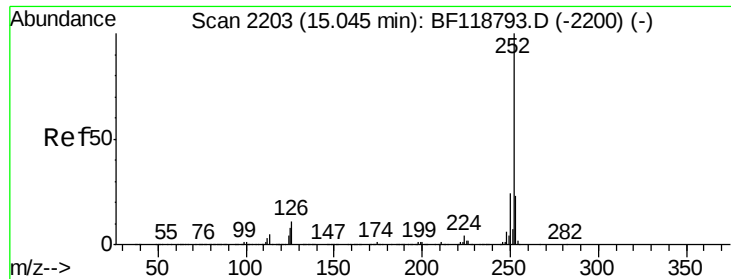


#88
Benzo(b)fluoranthene
Concen: 37.839 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:252 Resp: 2418931

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	10.1	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 36.497 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:252 Resp: 2031705

Ion Ratio Lower Upper

252 100

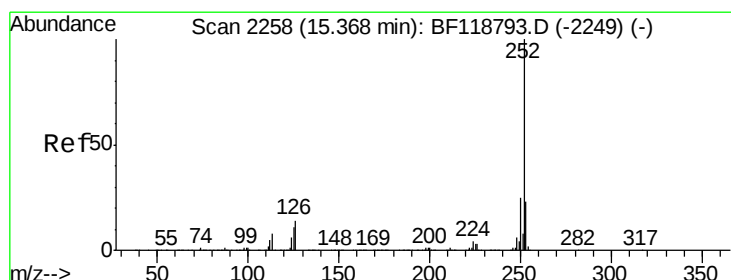
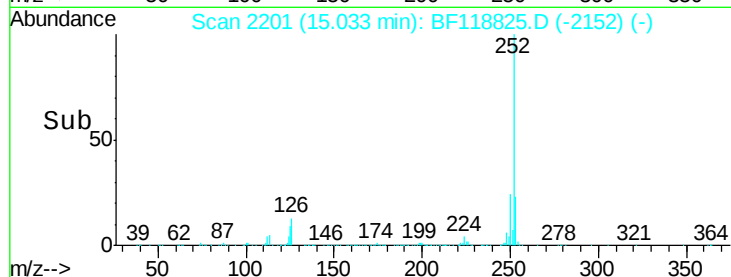
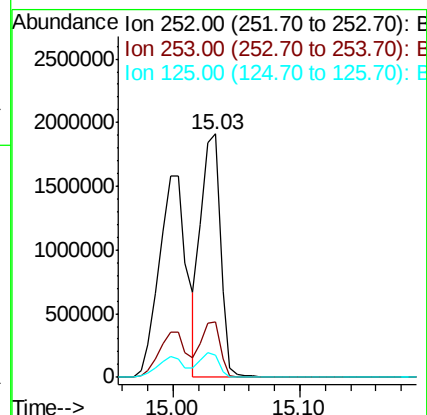
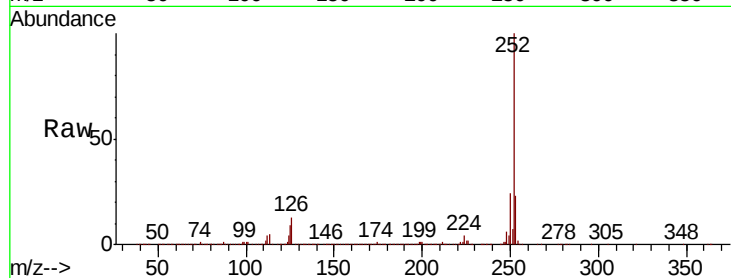
253 22.6 18.2 27.4

125 9.1 7.0 10.6

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#90

Benzo(a)pyrene

Concen: 37.437 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

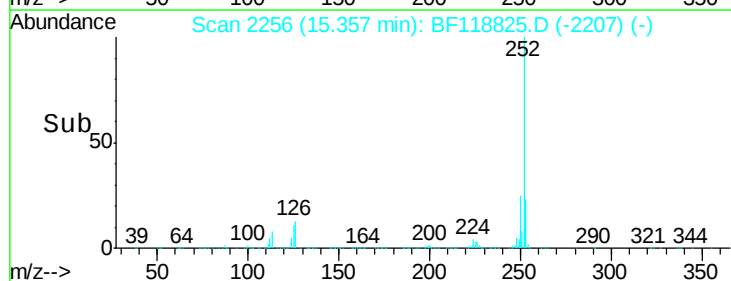
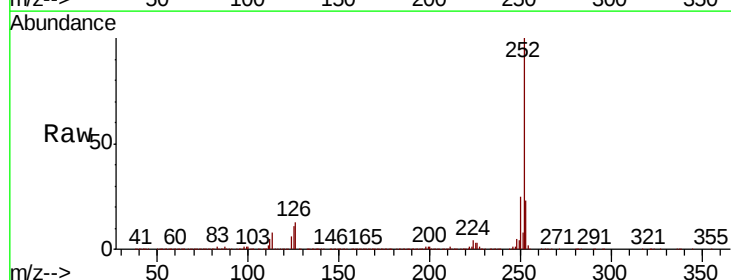
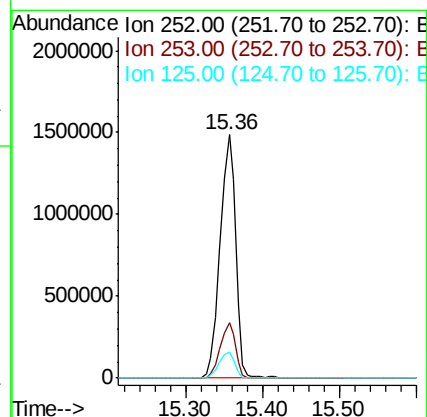
Tgt Ion:252 Resp: 2048183

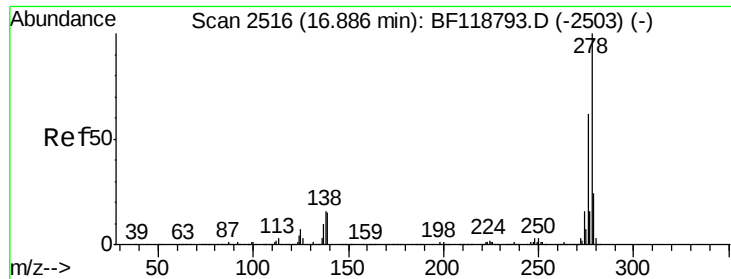
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 10.8 8.7 13.1





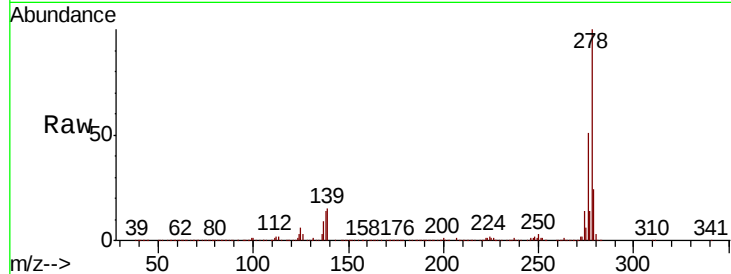
#91
Dibenzo(a,h)anthracene
Concen: 42.449 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :
TP-1MSD

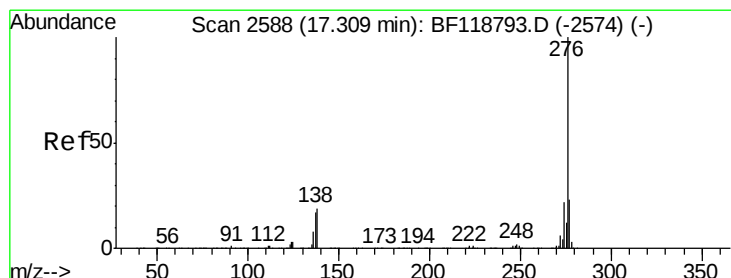
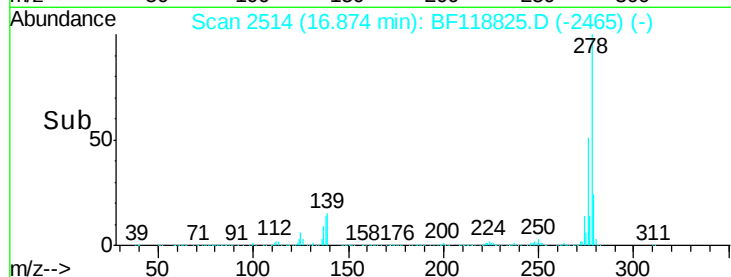
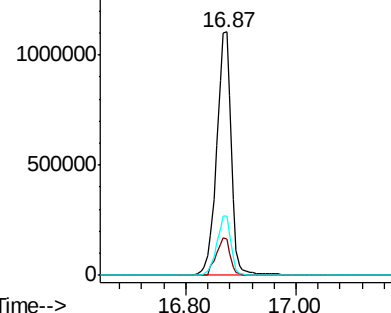
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.3	18.5
279	24.3	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/6/2020 2:18:54 PM



Abundance Ion 278.00 (277.70 to 278.70): E
1500000 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: 42.956 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.2	15.4	23.2

Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

