

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119265.D
 Acq On : 6 Mar 2020 22:38
 Operator : CG/JU
 Sample : L1761-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Manual Integrations
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mohammad
 3/9/2020 3:09:29 PM

Quant Time: Mar 07 07:07:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107084	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406376	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	228192	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	434258	20.00	ng	0.00
76) Chrysene-d12	13.89	240	333995	20.00	ng	0.00
87) Perylene-d12	15.31	264	324690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	770396	120.23	ng	0.01
7) Phenol-d6	6.39	99	847485	108.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	666278	86.57	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	378893	126.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1335209	86.20	ng	0.00
79) Terphenyl-d14	12.83	244	1856176	95.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	104327	36.568	ng	96
3) Pyridine	3.23	79	131896	16.928	ng	98
4) n-Nitrosodimethylamine	3.13	42	104776	44.392	ng	97
6) Aniline	6.40	93	86116	8.956	ng	# 1
8) 2-Chlorophenol	6.52	128	333122	48.173	ng	99
9) Benzaldehyde	6.28	77	253892	48.764	ng	98
10) Phenol	6.40	94	328580	38.998	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	308924	47.919	ng	97
12) 1,3-Dichlorobenzene	6.66	146	359495	43.374	ng	96
13) 1,4-Dichlorobenzene	6.74	146	365201	44.033	ng	100
14) 1,2-Dichlorobenzene	6.89	146	338991	44.816	ng	99
15) Benzyl Alcohol	6.88	79	279309	49.591	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	244217	43.731	ng	# 24
17) 2-Methylphenol	7.00	107	258821	46.165	ng	94
18) Hexachloroethane	7.23	117	128633	43.351	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	232628	51.229	ng	97
20) 3+4-Methylphenols	7.16	107	342792	49.906	ng	# 85
22) Acetophenone	7.14	105	459588	48.879	ng	# 94
24) Nitrobenzene	7.31	77	348820	45.831	ng	96
25) Isophorone	7.55	82	631142	47.218	ng	99
26) 2-Nitrophenol	7.63	139	184576	45.770	ng	99
27) 2,4-Dimethylphenol	7.67	122	269947	49.322	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	381587	43.859	ng	99
29) 2,4-Dichlorophenol	7.88	162	292466	45.392	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	321242	42.051	ng	99
31) Naphthalene	8.03	128	1063290	50.452	ng	99
32) Benzoic acid	7.84	122	130146	34.734	ng	97
33) 4-Chloroaniline	8.09	127	56984	6.286	ng	98
34) Hexachlorobutadiene	8.15	225	195060	40.992	ng	99
35) Caprolactam	8.46	113	69500m	35.031	ng	
36) 4-Chloro-3-methylphenol	8.59	107	310981	47.691	ng	99
37) 2-Methylnaphthalene	8.72	142	693987	48.931	ng	98
38) 1-Methylnaphthalene	8.82	142	654250	49.050	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	333326	43.325	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	120503	47.371	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	208137	42.840	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	216704	42.505	nq	98
46) 1,1'-Biphenyl	9.18	154	817509	44.327	nq	98
47) 2-Chloronaphthalene	9.21	162	649415	43.696	nq	98
48) 2-Nitroaniline	9.31	65	188737	45.531	nq	94
49) Acenaphthylene	9.62	152	994821	46.346	nq	99
50) Dimethylphthalate	9.49	163	833669	47.777	nq	99
51) 2,6-Dinitrotoluene	9.56	165	179349	46.263	nq	100
52) Acenaphthene	9.79	154	600486	46.394	nq	99
53) 3-Nitroaniline	9.73	138	42644	9.922	nq	88
54) 2,4-Dinitrophenol	9.85	184	106576	58.753	nq	93
55) Dibenzofuran	9.96	168	892090	46.177	nq	100
56) 4-Nitrophenol	9.92	139	137024	53.064	nq	# 83
57) 2,4-Dinitrotoluene	9.97	165	231827	46.135	nq	97
58) Fluorene	10.31	166	740378	49.320	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	195653	45.480	nq	98
60) Diethylphthalate	10.19	149	786493	47.829	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	374582	47.141	nq	97
62) 4-Nitroaniline	10.35	138	146131	33.233	nq	98
63) Azobenzene	10.46	77	702900	49.177	nq	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	110222	41.945	nq	97
66) n-Nitrosodiphenylamine	10.42	169	662246	46.574	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	247983	43.687	nq	95
68) Hexachlorobenzene	10.86	284	287923	43.995	nq	99
69) Atrazine	10.95	200	228684	46.031	nq	98
70) Pentachlorophenol	11.06	266	188208	71.392	nq	98
71) Phenanthrene	11.27	178	1133951	47.882	nq	99
72) Anthracene	11.32	178	1164936	49.231	nq	99
73) Carbazole	11.48	167	1024703	48.609	nq	98
74) Di-n-butylphthalate	11.80	149	1248693	48.914	nq	98
75) Fluoranthene	12.46	202	1225749	48.761	nq	98
77) Benzidine	12.58	184	117727	8.667	nq	97
78) Pyrene	12.69	202	1233195	45.981	nq	99
80) Butylbenzylphthalate	13.30	149	538997	47.752	nq	97
81) Benzo(a)anthracene	13.87	228	1088662	47.838	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	135183	15.298	nq	99
83) Chrysene	13.91	228	1051599	46.376	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	756801	53.071	nq	100
85) Di-n-octyl phthalate	14.46	149	1218576	53.633	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1029054	46.868	nq	100
88) Benzo(b)fluoranthene	14.90	252	971003	45.370	nq	99
89) Benzo(k)fluoranthene	14.93	252	996968	50.267	nq	99
90) Benzo(a)pyrene	15.25	252	868951	44.987	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	861051	50.663	nq	100
92) Benzo(g,h,i)perylene	17.13	276	874162	52.057	nq	99

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



#1

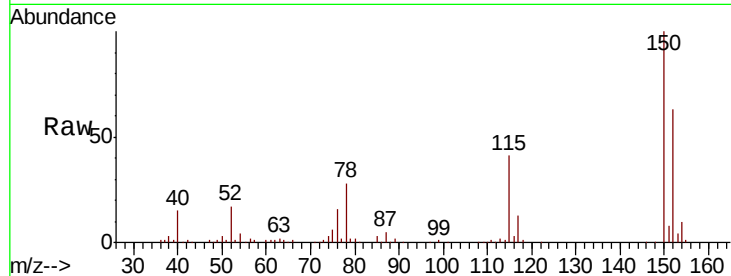
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampled :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.0	184.6
115	65.5	49.5	74.3

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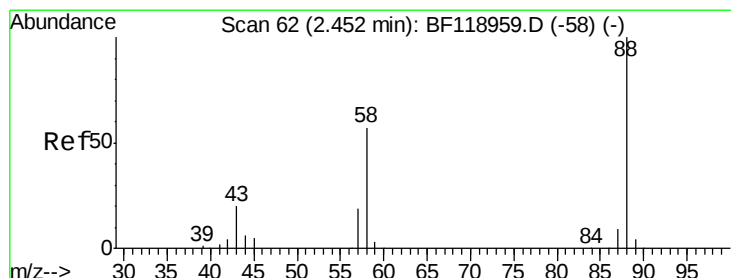
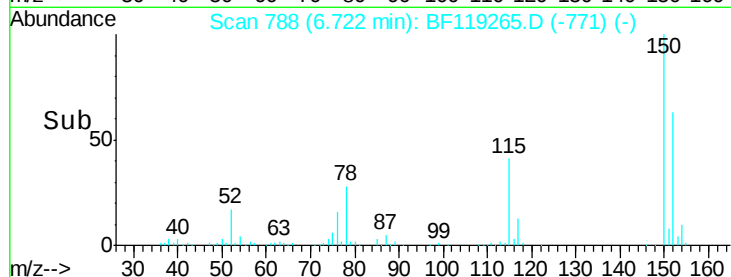
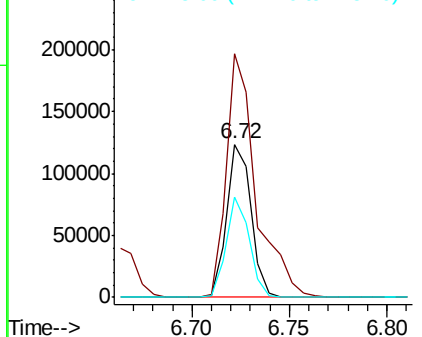


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

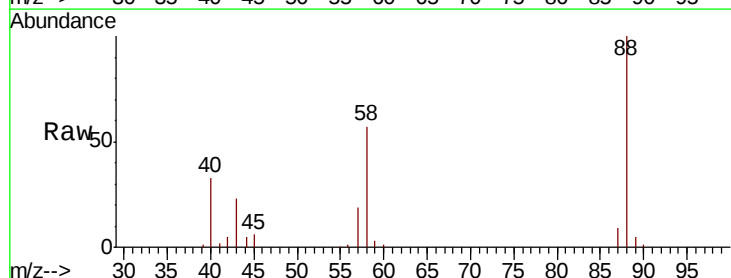
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.568 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.7	43.8	65.6
43	21.8	16.2	24.4

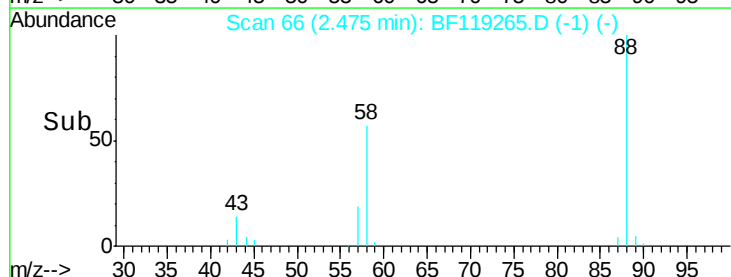
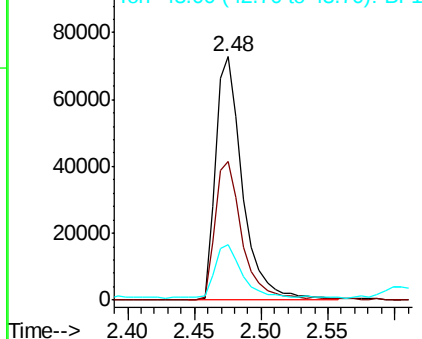


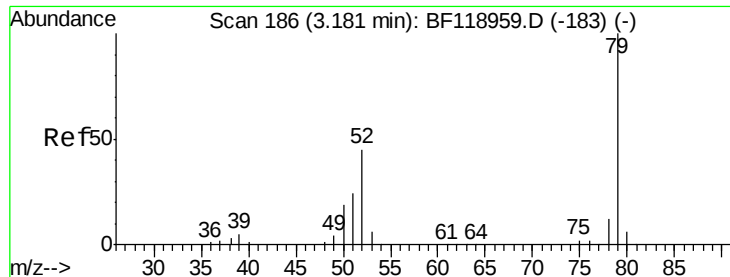
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





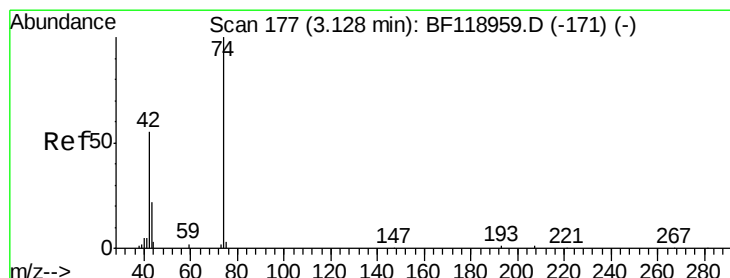
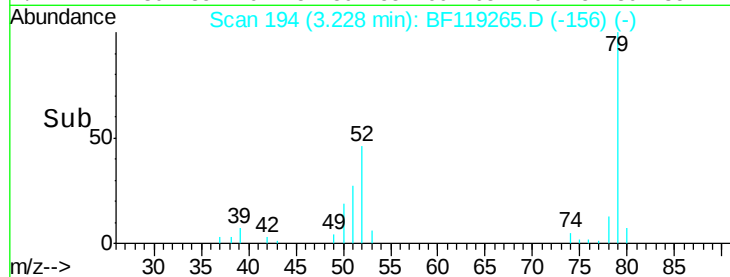
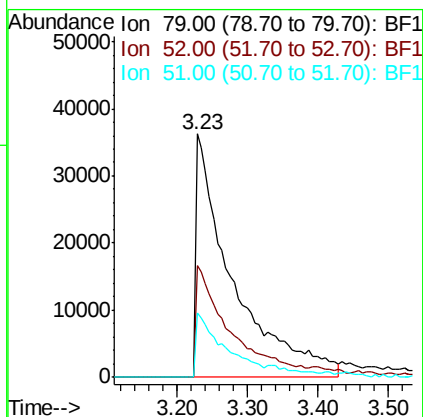
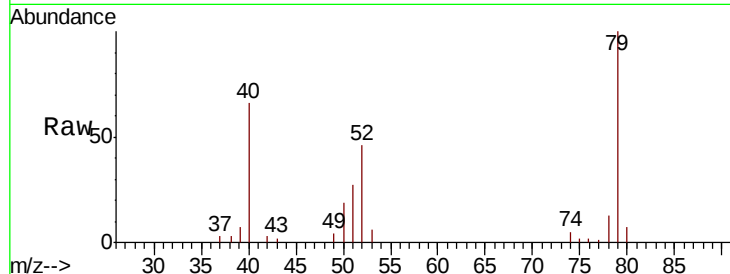
#3
 Pvridine
 Concen: 16.928 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.12 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
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 ClientSampleId :
 SU-04-030420MS

Tot Ion:	79	Resp:	131896
Ion	Ratio	Lower	Upper
79	100		
52	46.0	37.4	56.0
51	26.7	19.8	29.6

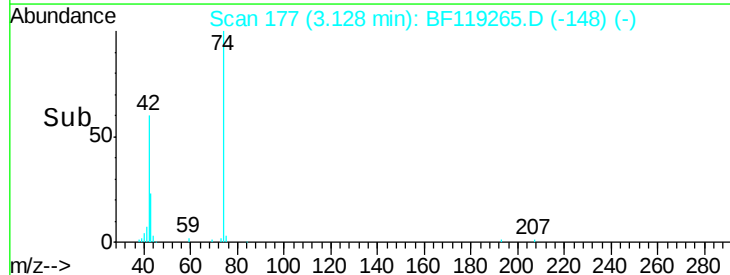
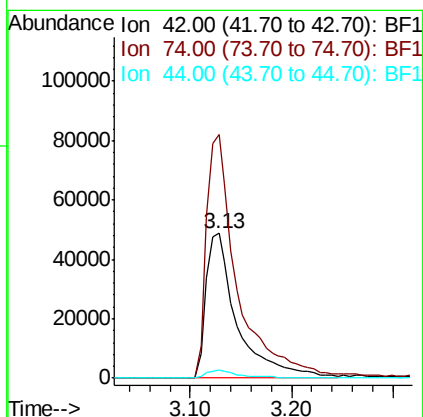
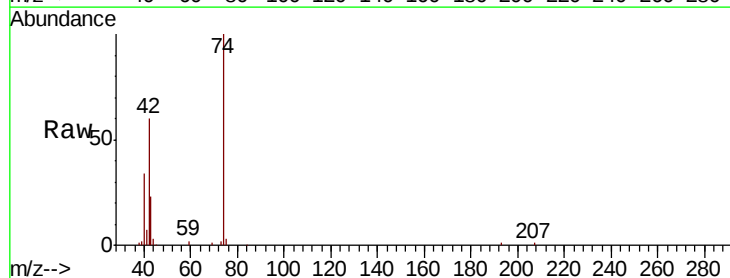
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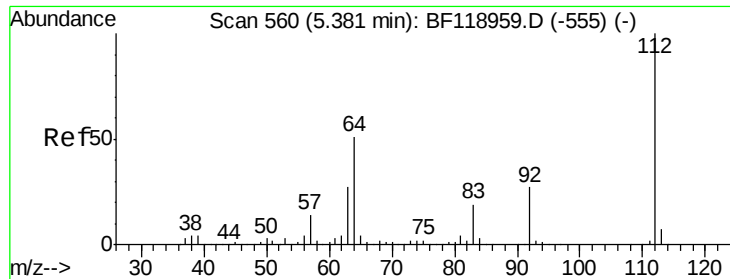
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#4
 n-Nitrosodimethylamine
 Concen: 44.392 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.07 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:	42	Resp:	104776
Ion	Ratio	Lower	Upper
42	100		
74	167.9	137.7	206.5
44	5.2	4.5	6.7





#5

2-Fluorophenol

Concen: 120.230 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

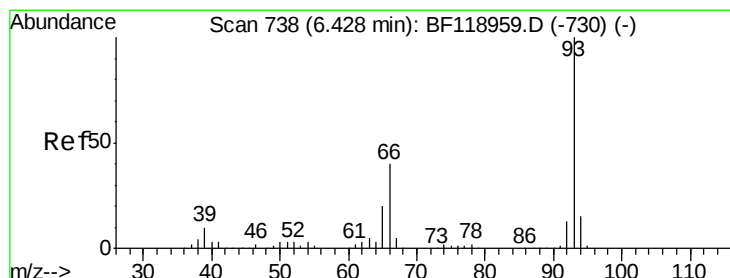
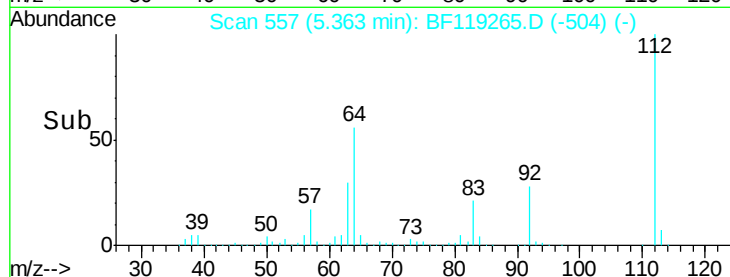
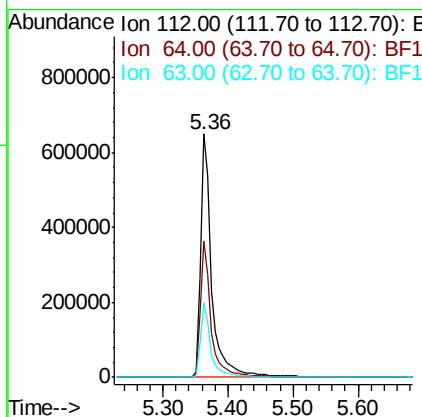
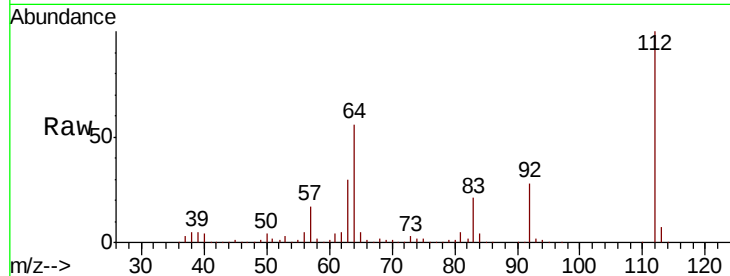
ClientSampleId :

SU-04-030420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		770396		
64	56.0	45.0	67.4		
63	30.4	24.2	36.4		

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#6

Aniline

Concen: 8.956 ng

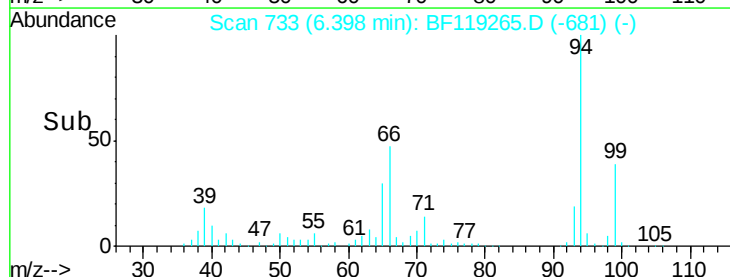
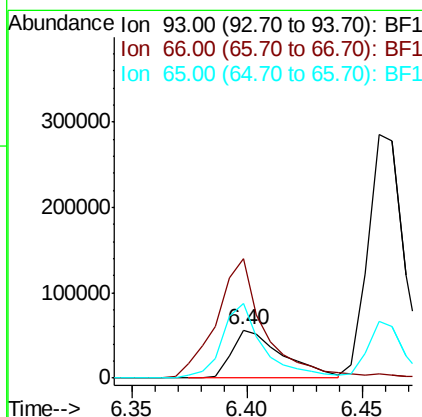
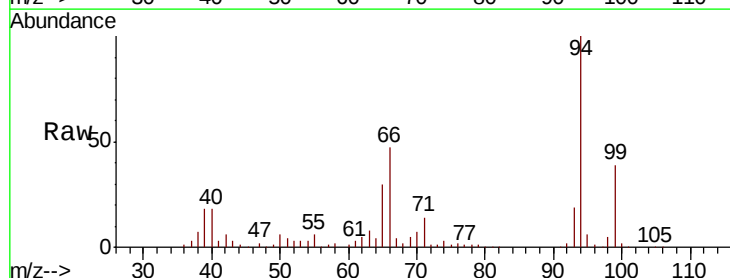
RT: 6.40 min Scan# 733

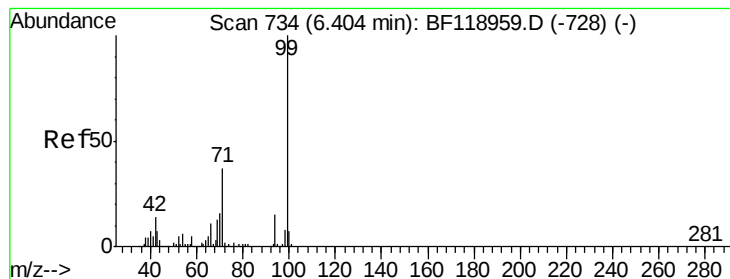
Delta R.T. 0.01 min

Lab File: BF119265.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		86116		
66	246.0	74.5	111.7#		
65	154.3	45.3	67.9#		





#7

Phenol-d6

Concen: 108.750 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

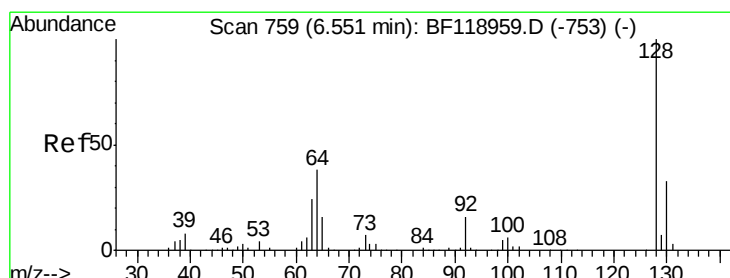
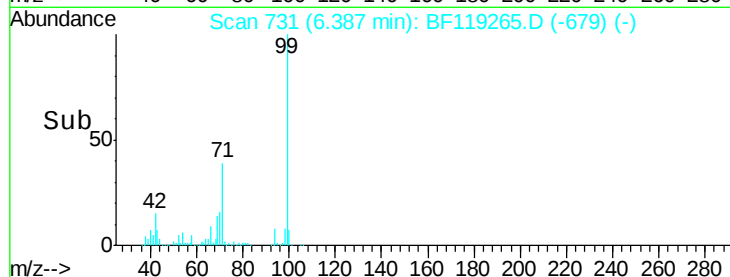
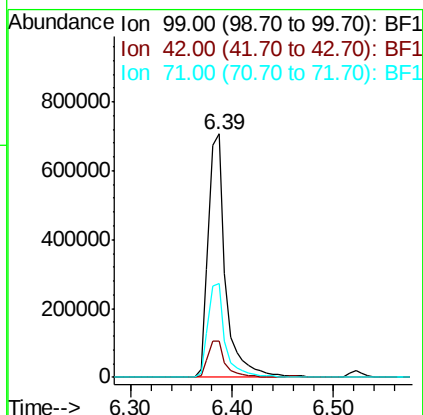
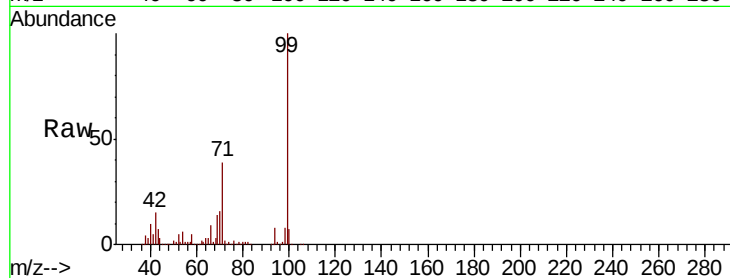
ClientSampleId :

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Tot Ion:	99	Resp:	847485
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.6	18.8
71	38.6	31.0	46.4

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#8

2-Chlorophenol

Concen: 48.173 ng

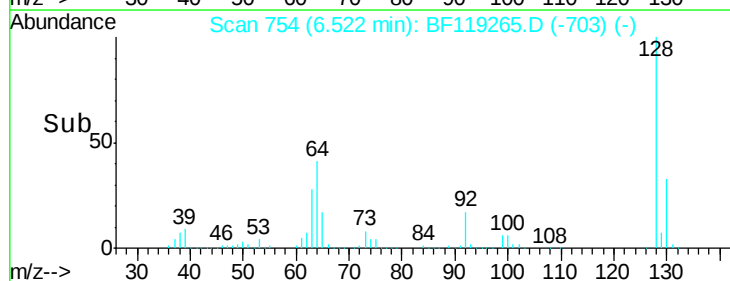
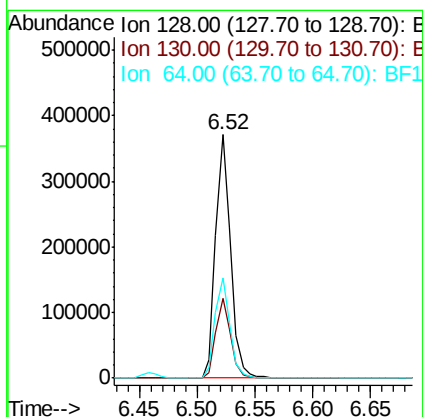
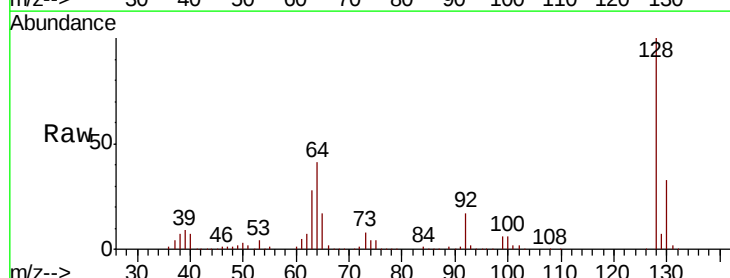
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	128	Resp:	333122
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	41.2	22.3	62.3





#9

Benzaldehyde

Concen: 48.764 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

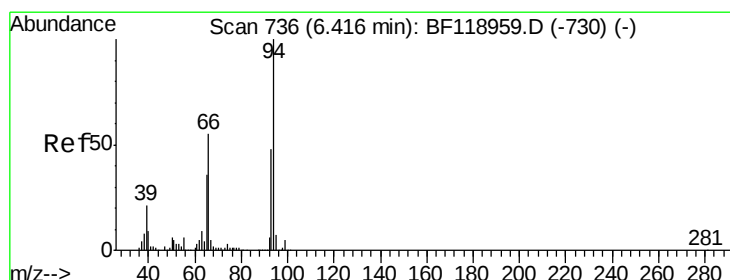
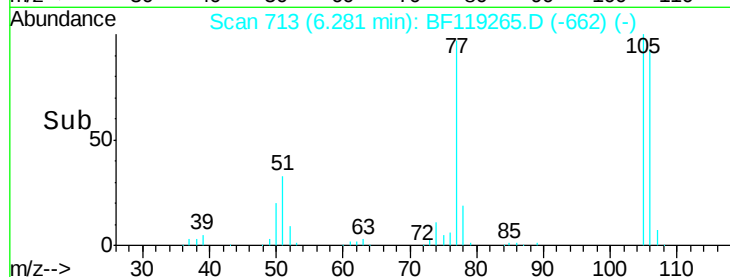
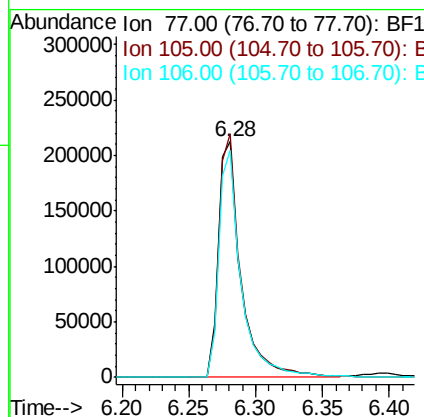
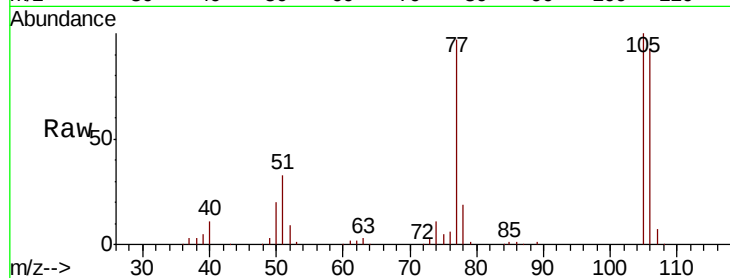
ClientSampleId :

SU-04-030420MS

Tot Ion:	77	Resp:	253892
Ion	Ratio	Lower	Upper
77	100		
105	103.4	80.1	120.1
106	96.6	75.9	115.9

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#10

Phenol

Concen: 38.998 ng

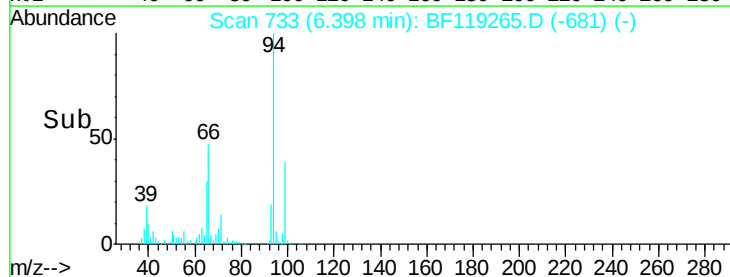
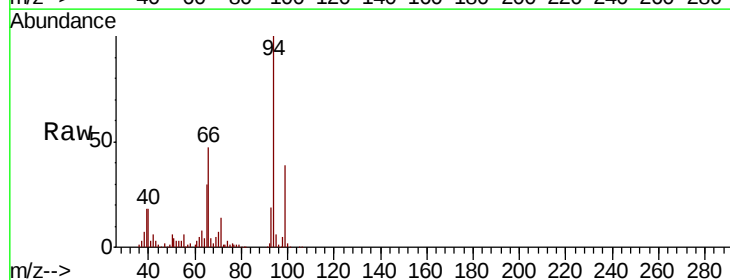
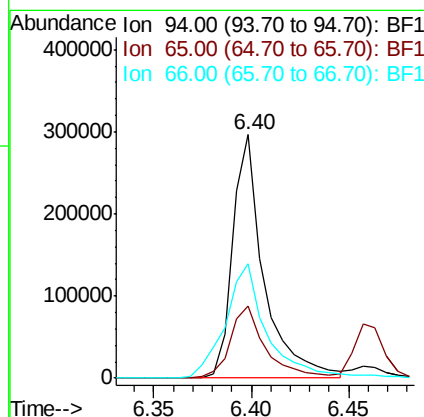
RT: 6.40 min Scan# 733

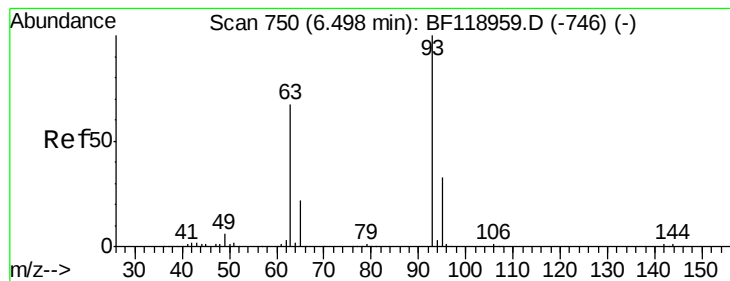
Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	94	Resp:	328580
Ion	Ratio	Lower	Upper
94	100		
65	29.5	19.2	59.2
66	47.0	44.4	84.4





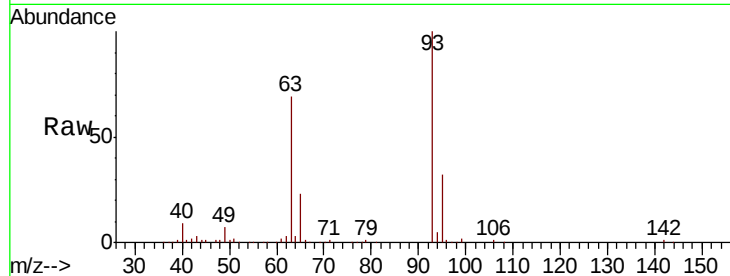
#11
bis(2-Chloroethyl)ether
Concen: 47.919 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	308924		
63	68.6		45.4	85.4
95	32.4		13.5	53.5

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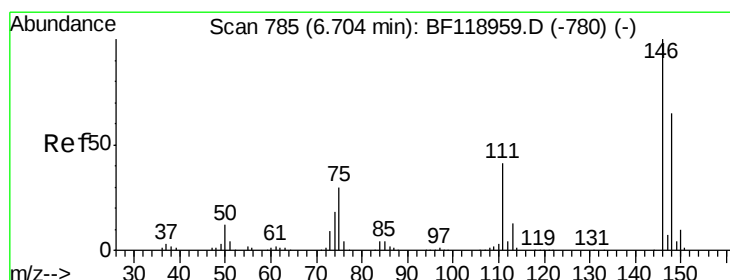
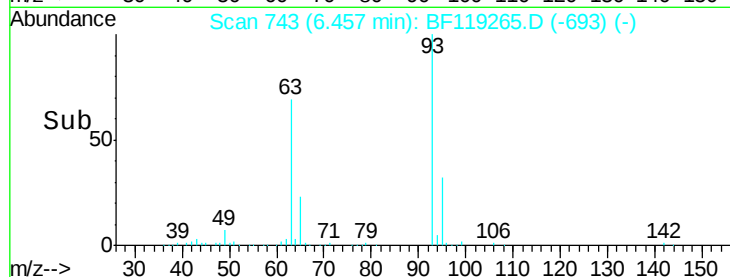
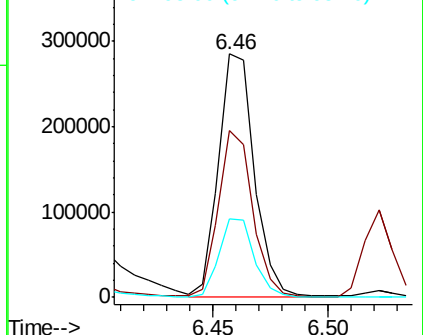


Abundance

Ion 93.00 (92.70 to 93.70): BF1

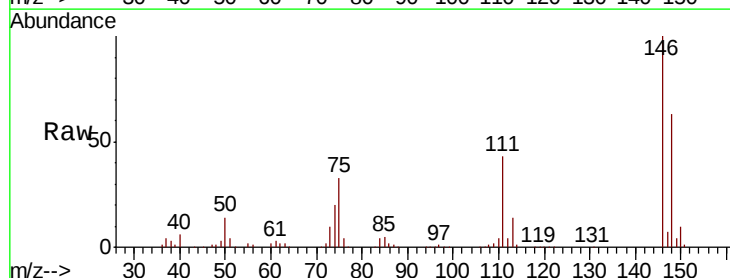
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 43.374 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	359495		
148	63.4		52.5	78.7
75	32.7		23.6	35.4

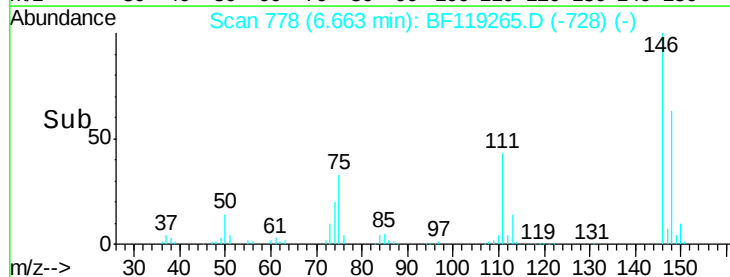
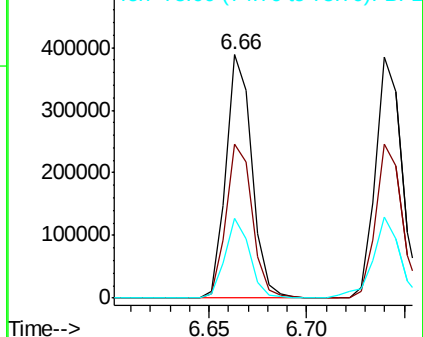


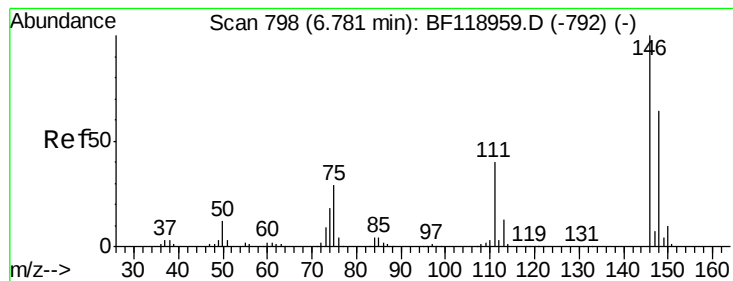
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.033 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

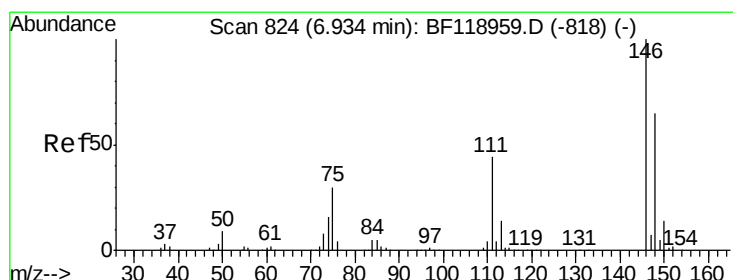
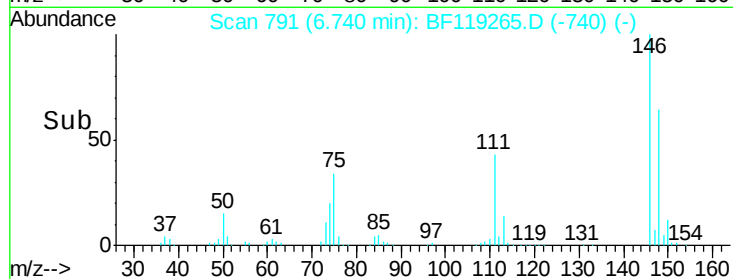
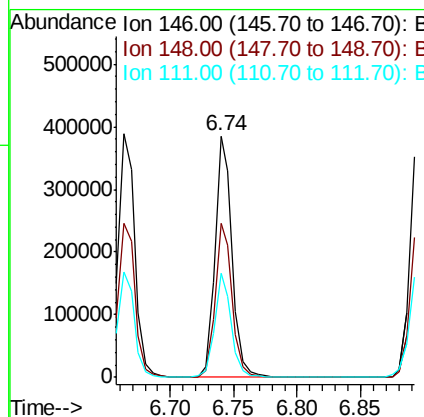
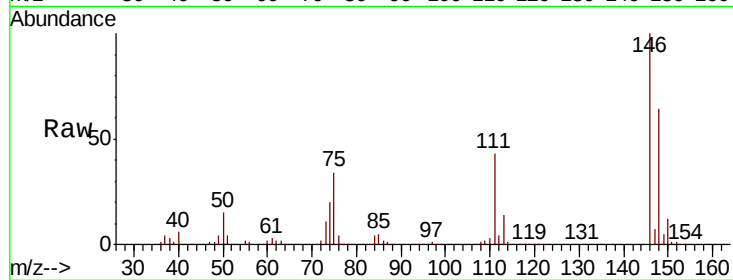
ClientSampleID :

SU-04-030420MS

Tot Ion:	146	Resp:	365201
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	43.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 44.816 ng

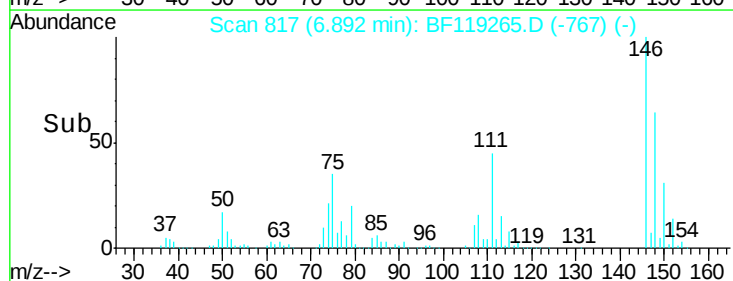
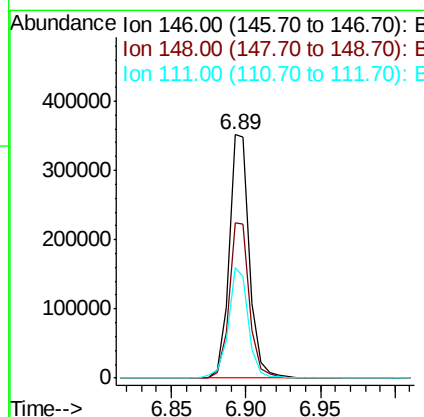
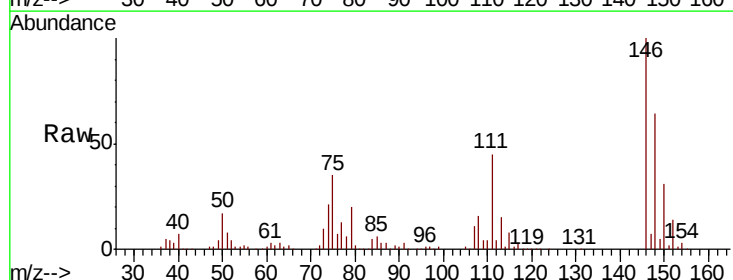
RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	146	Resp:	338991
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	45.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 49.591 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

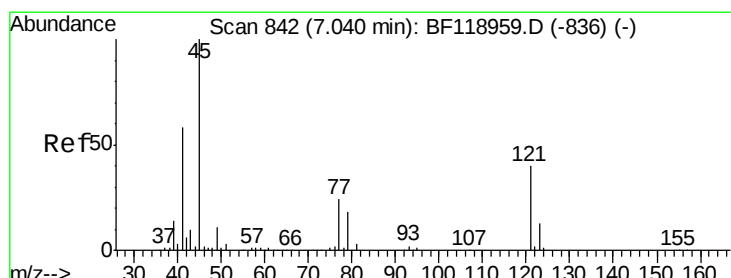
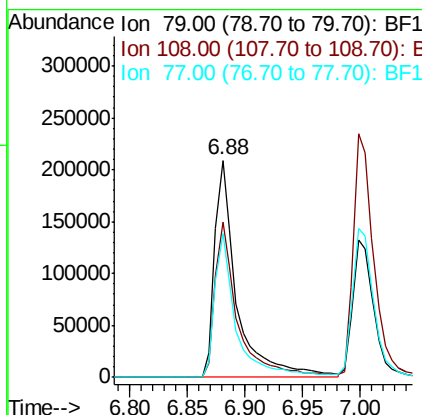
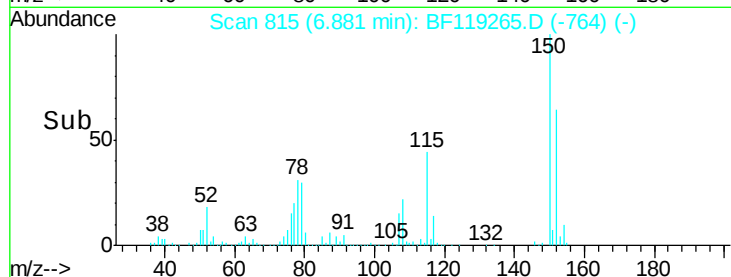
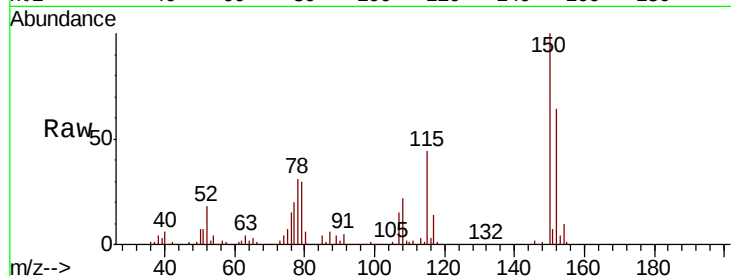
ClientSampleId :

SU-04-030420MS

Tot Ion:	79	Resp:	279309
Ion Ratio	Lower	Upper	
79	100		
108	71.7	58.2	87.2
77	66.3	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.731 ng

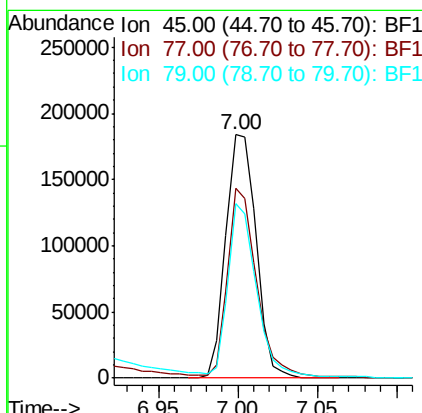
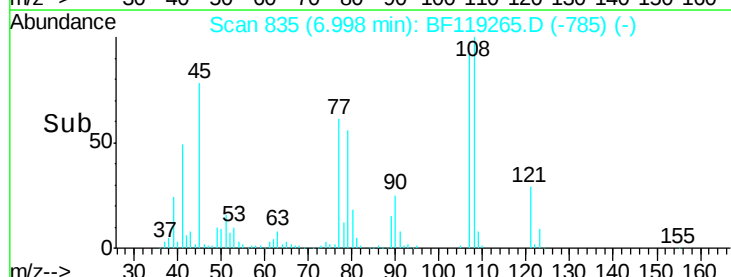
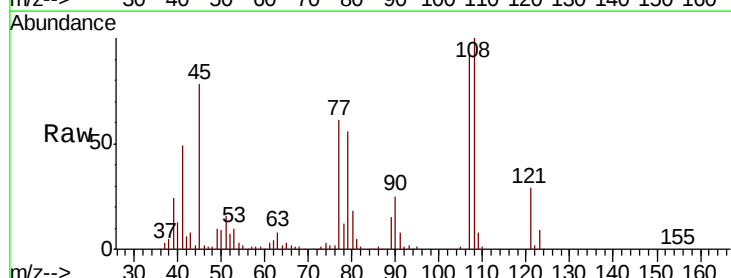
RT: 7.00 min Scan# 835

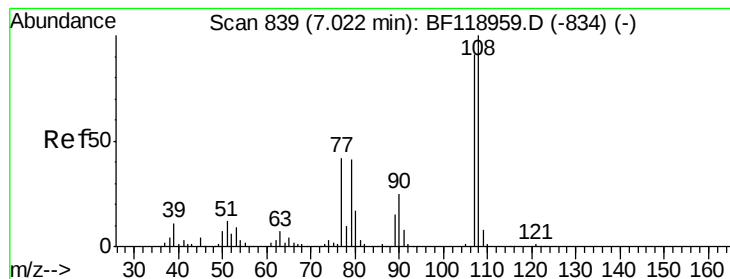
Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	45	Resp:	244217
Ion Ratio	Lower	Upper	
45	100		
77	77.8	15.0	55.0#
79	71.7	9.4	49.4#





#17

2-Methylphenol

Concen: 46.165 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

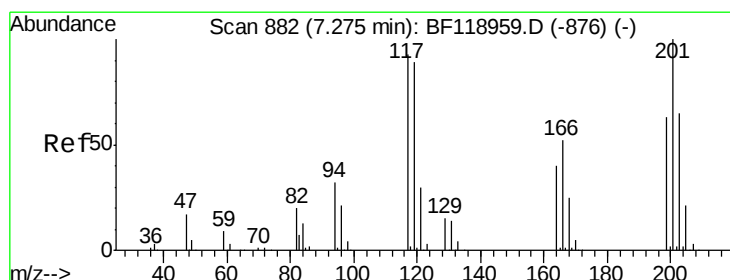
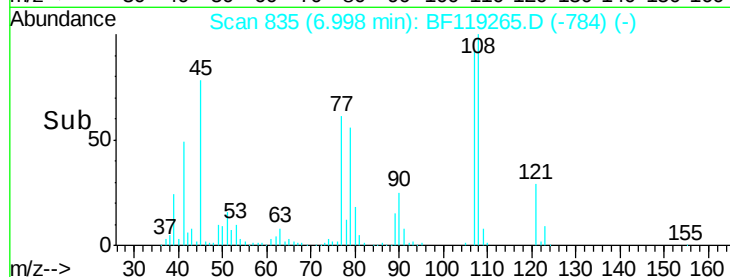
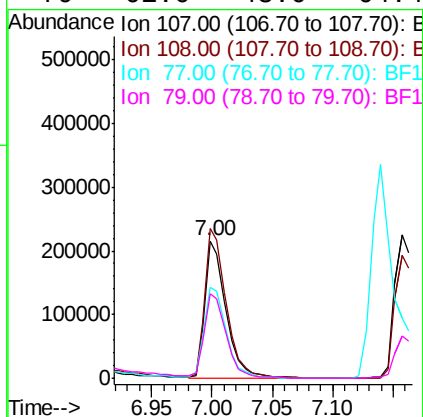
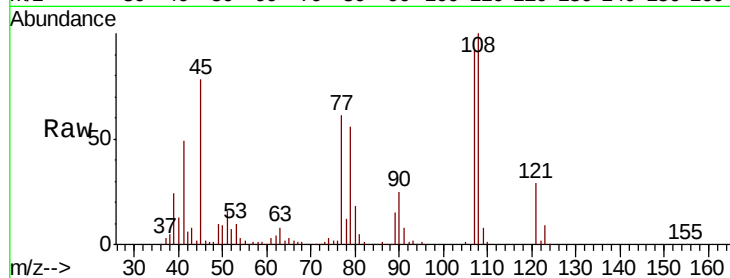
ClientSampleId :

SU-04-030420MS

Tot Ion	107	Resp	258821
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.9	131.9
77	66.3	45.3	67.9
79	61.0	43.0	64.4

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#18

Hexachloroethane

Concen: 43.351 ng

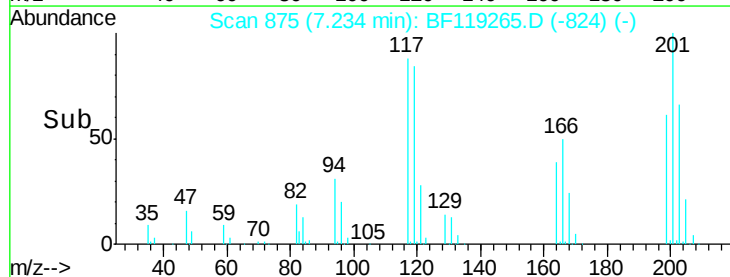
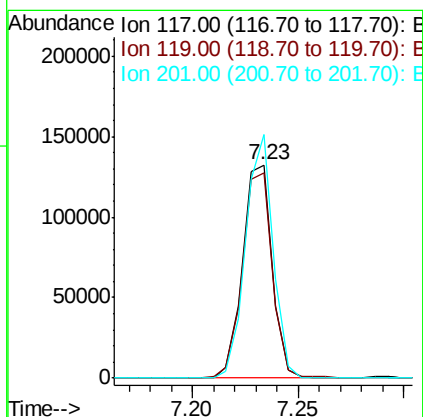
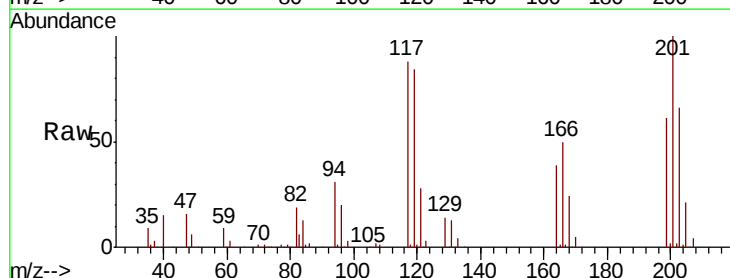
RT: 7.23 min Scan# 875

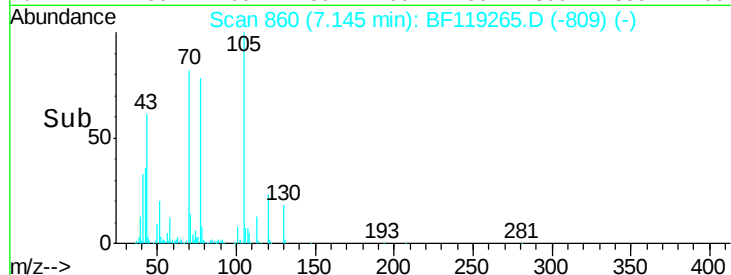
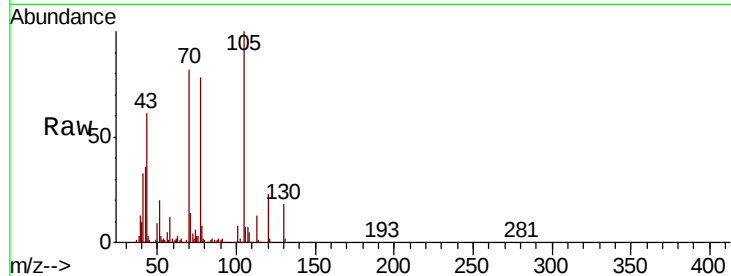
Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion	117	Resp	128633
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
201	114.1	82.6	123.8





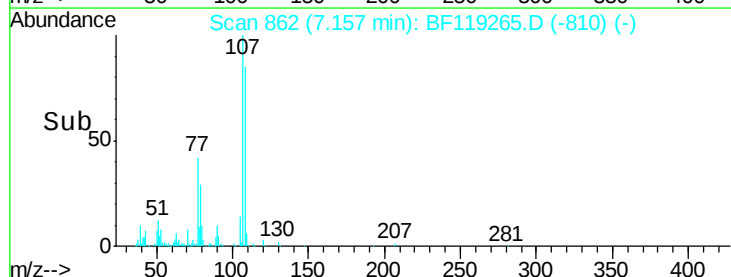
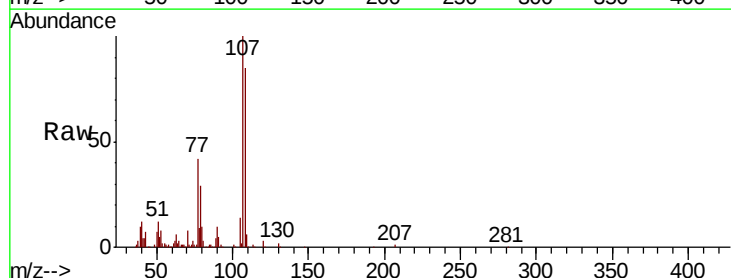
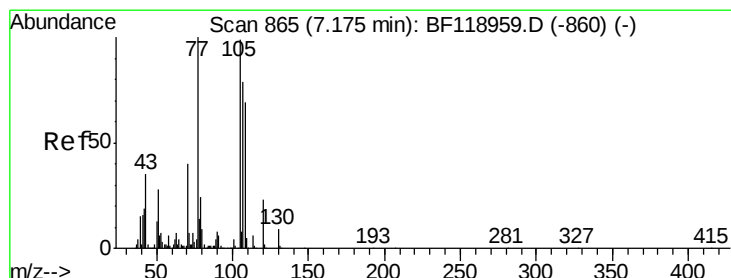
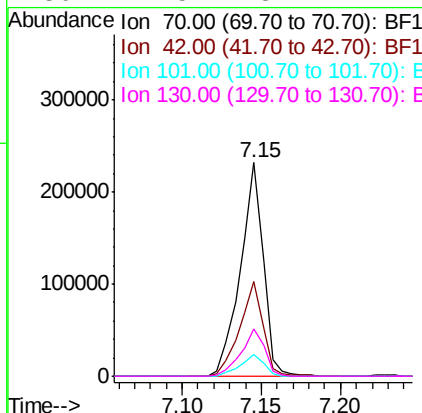
#19
n-Nitroso-di-n-propylamine
Concen: 51.229 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	38.0	57.0
101	10.3	8.2	12.4
130	22.5	18.2	27.4

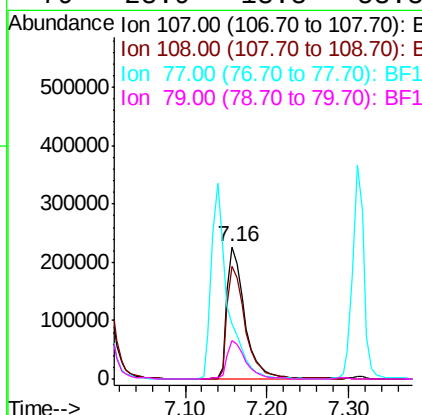
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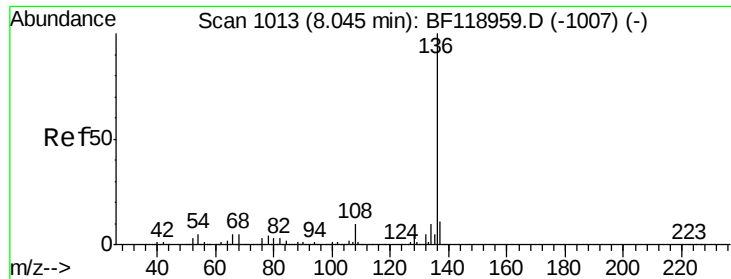
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#20
3+4-Methylphenols
Concen: 49.906 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	71.5	111.5
77	41.8	45.9	85.9#
79	28.9	13.8	53.8





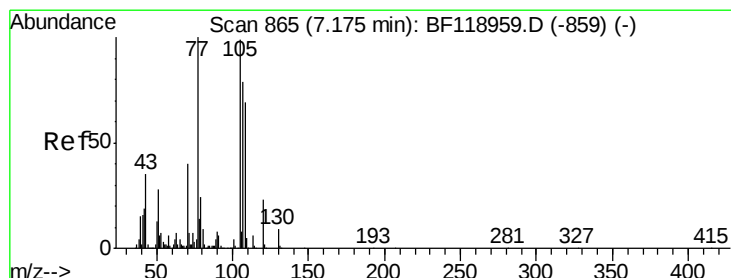
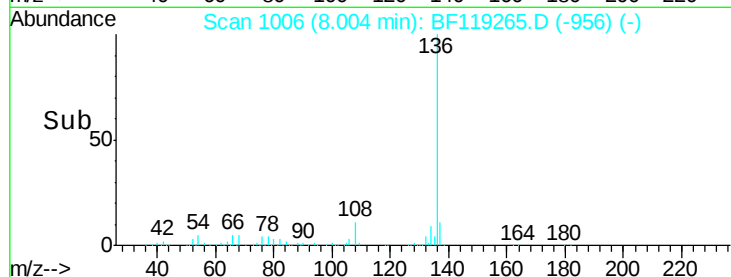
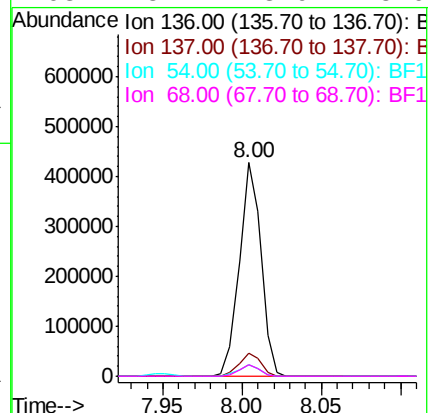
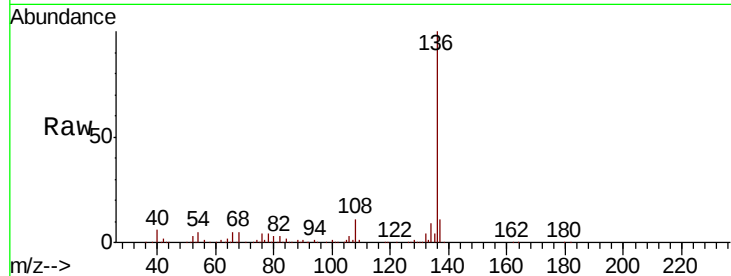
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		406376		
137	10.8		8.8	13.2	
54	5.3		3.8	5.6	
68	5.1		3.9	5.9	

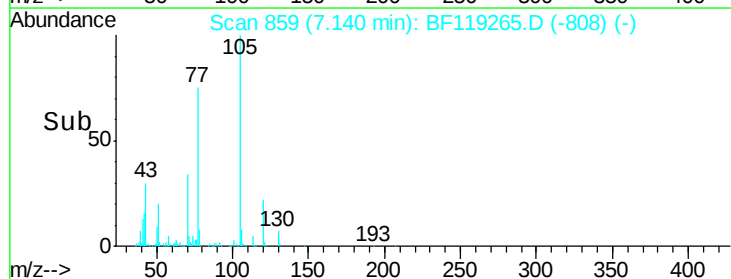
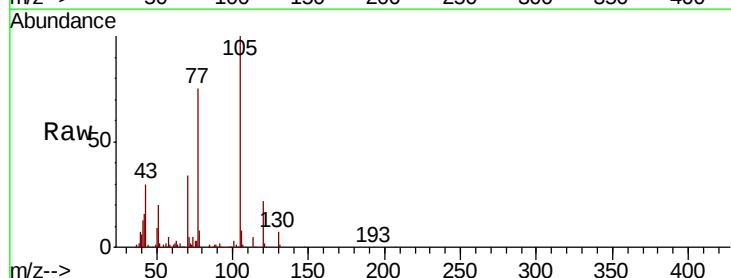
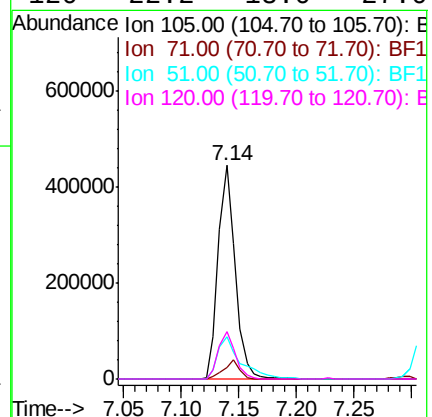
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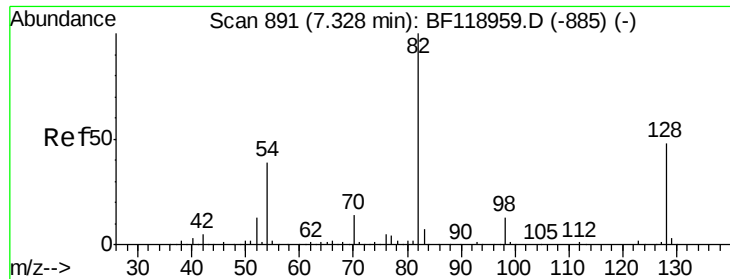
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#22
Acetophenone
Concen: 48.879 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		459588		
71	5.3		3.0	4.4#	
51	20.1		20.1	30.1	
120	22.2		18.0	27.0	





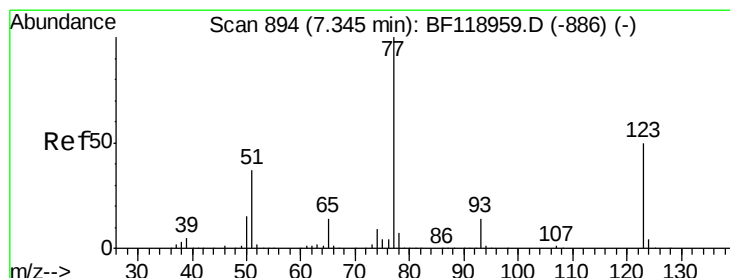
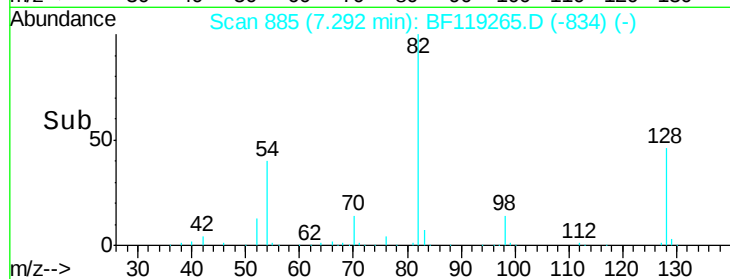
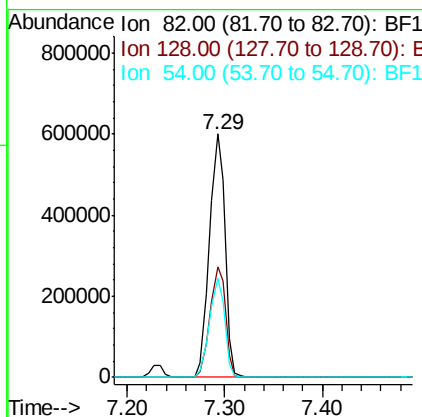
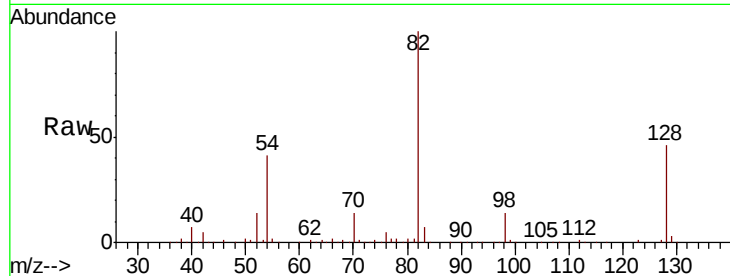
#23
 Nitrobenzene-d5
 Concen: 86.569 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.9	56.9
54	40.8	33.4	50.2

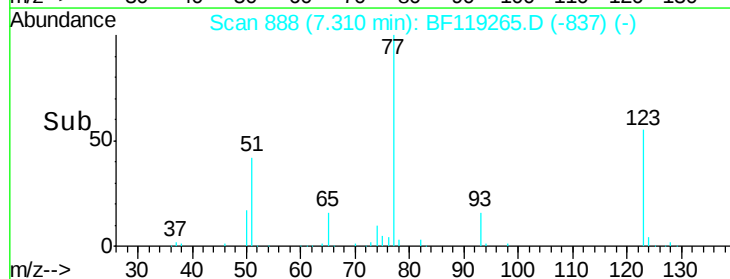
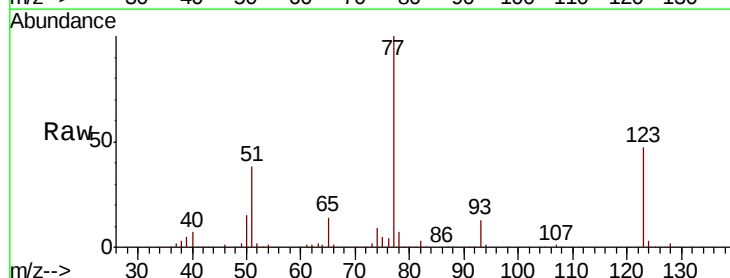
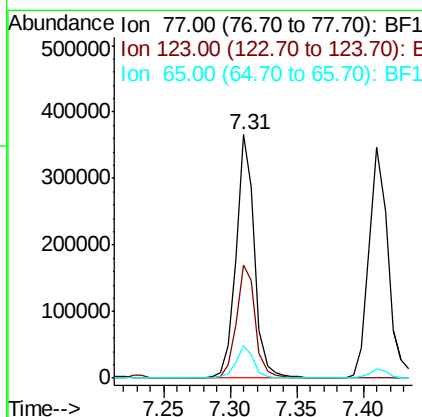
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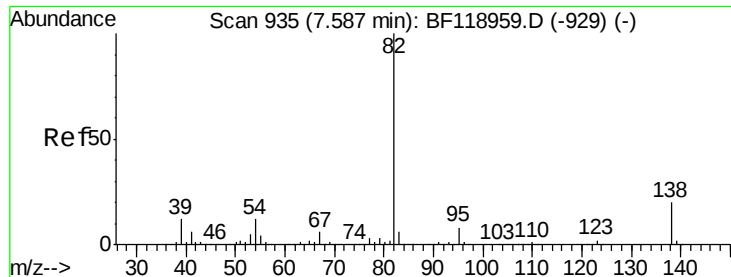
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#24
 Nitrobenzene
 Concen: 45.831 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	40.2	60.2
65	13.6	10.8	16.2





#25

Isophorone

Concen: 47.218 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

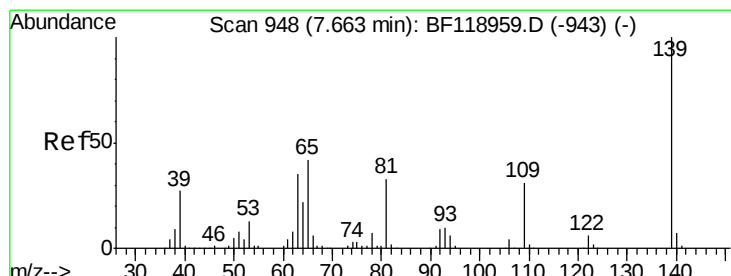
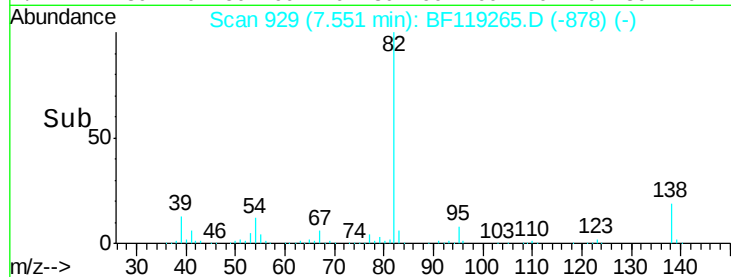
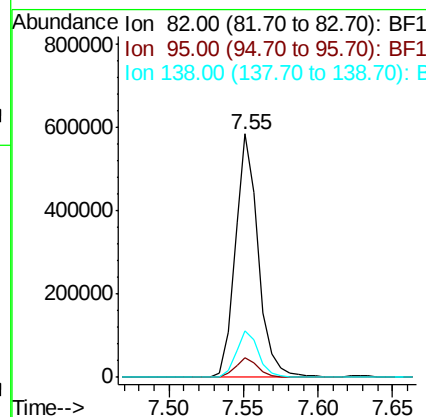
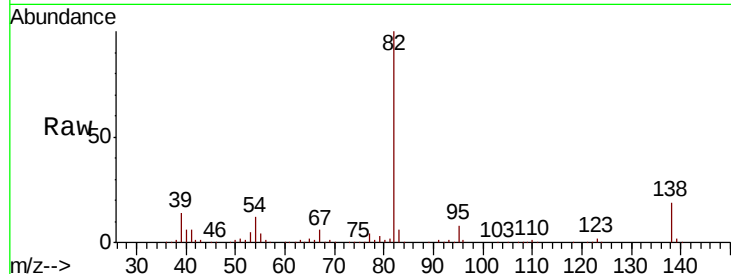
ClientSampleId :

SU-04-030420MS

Tot Ion:	82	Resp:	631142
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.9	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.770 ng

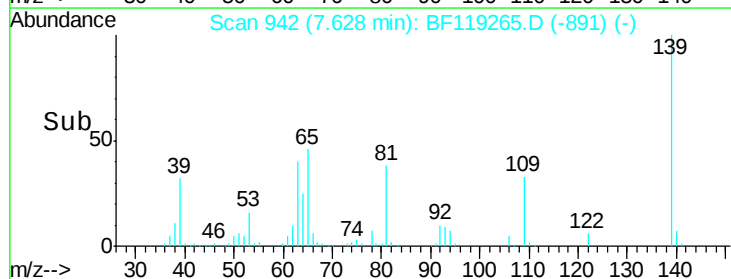
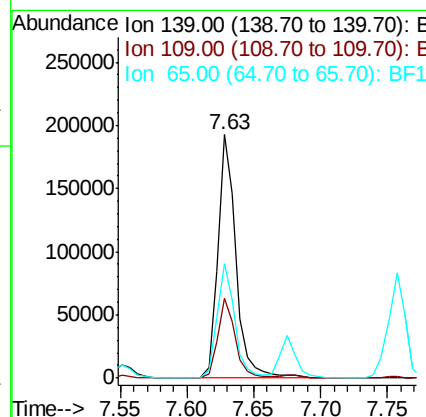
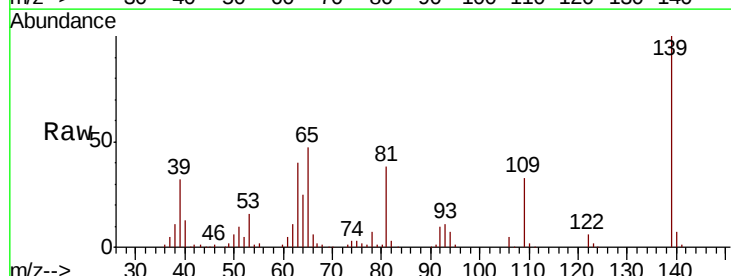
RT: 7.63 min Scan# 942

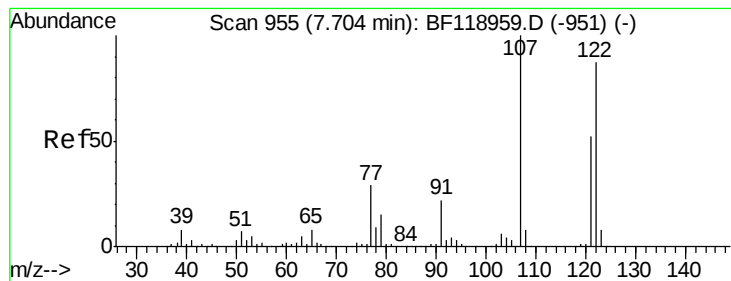
Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	139	Resp:	184576
Ion Ratio		Lower	Upper
139	100		
109	32.7	25.7	38.5
65	47.1	37.1	55.7





#27

2,4-Dimethylphenol

Concen: 49.322 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

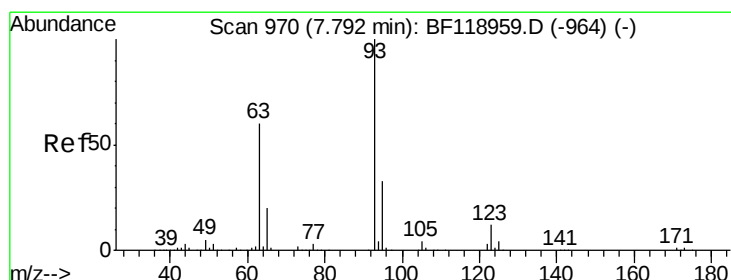
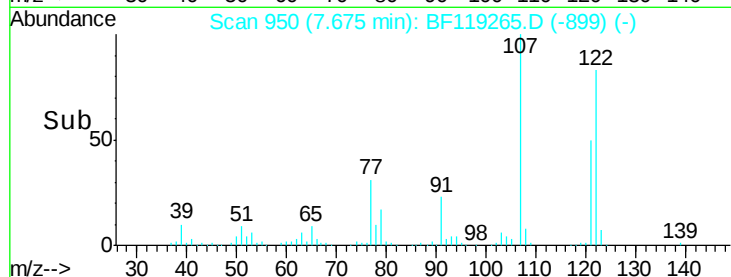
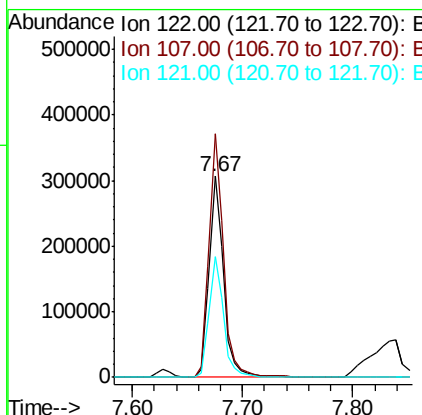
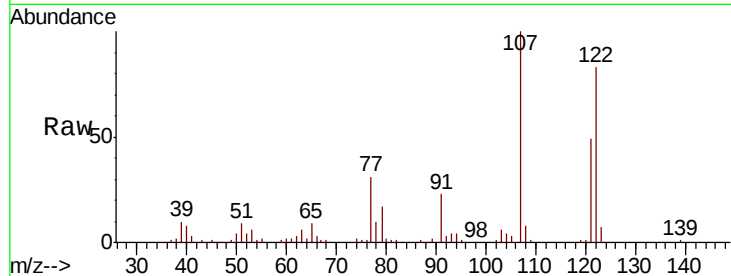
ClientSampleId :

SU-04-030420MS

Tot Ion:	122	Resp:	269947
Ion Ratio	Lower	Upper	
122	100		
107	121.0	93.8	140.6
121	59.9	48.2	72.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.859 ng

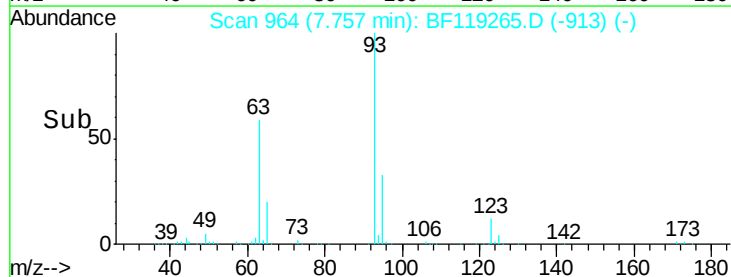
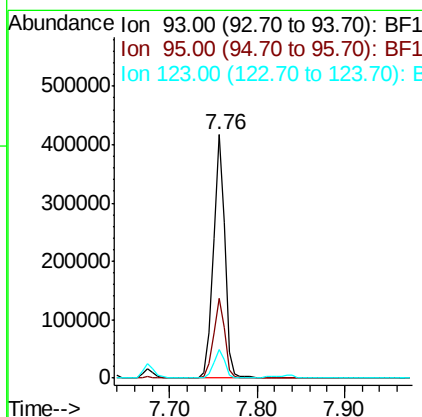
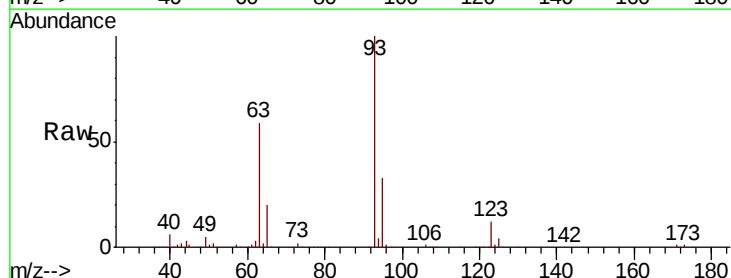
RT: 7.76 min Scan# 964

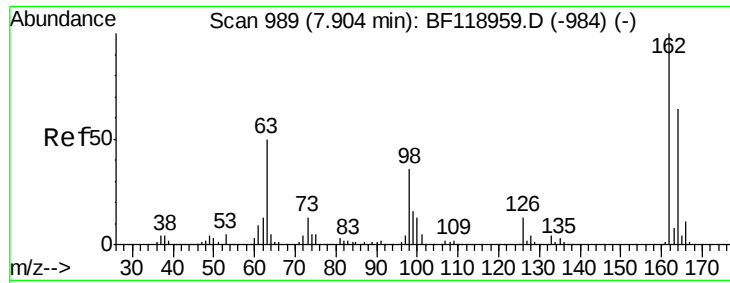
Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	93	Resp:	381587
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	11.8	10.2	15.2





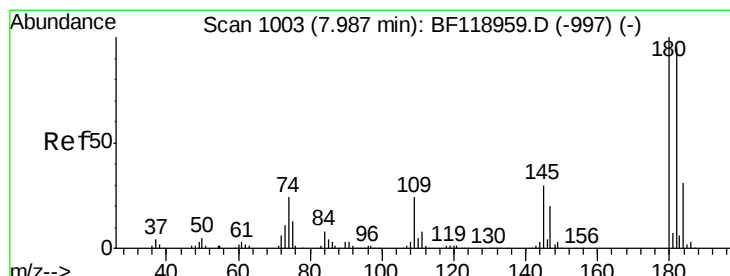
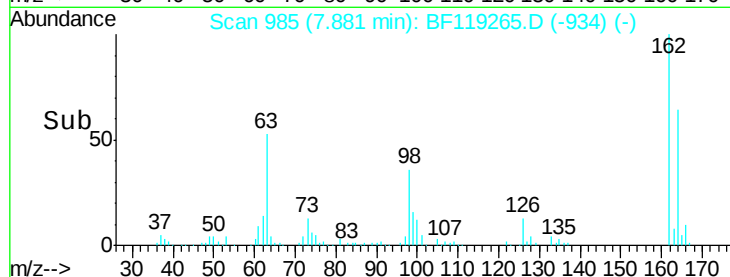
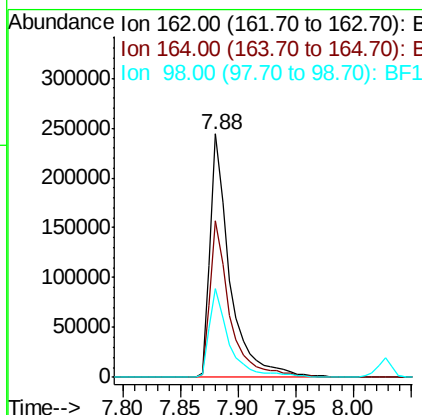
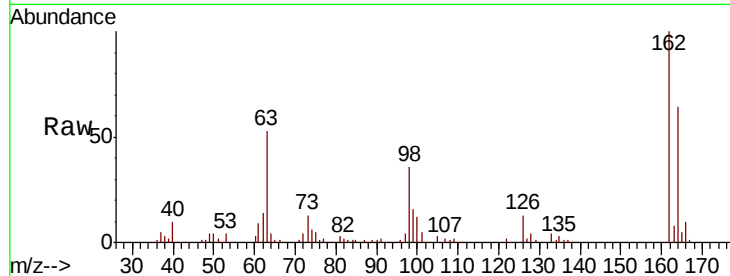
#29
2,4-Dichlorophenol
Concen: 45.392 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	45.2	85.2
98	36.3	17.4	57.4

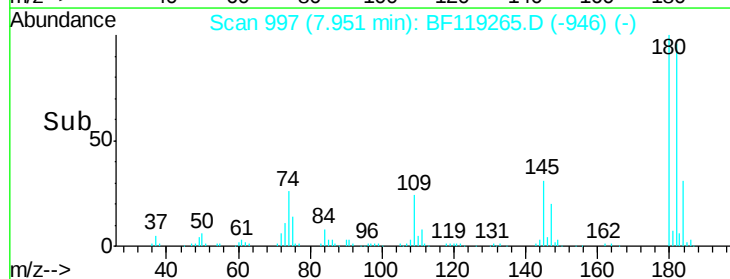
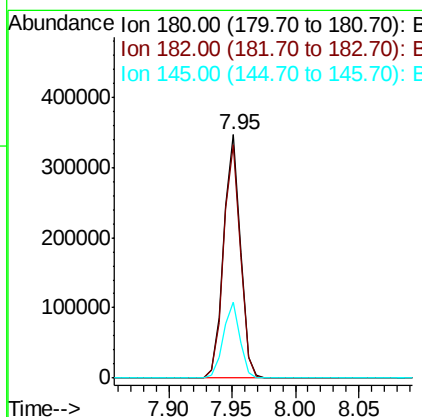
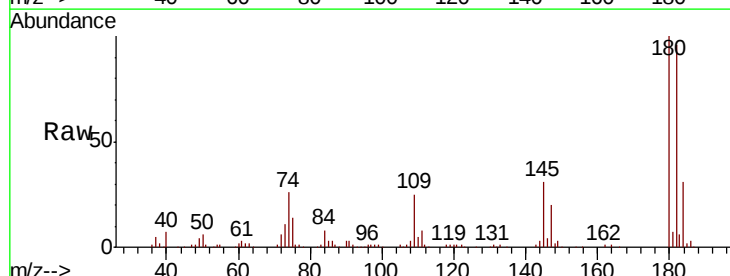
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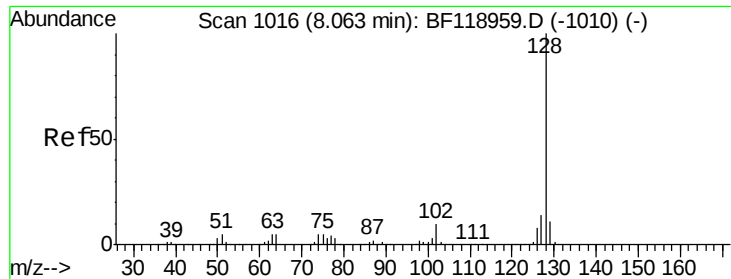
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#30
1,2,4-Trichlorobenzene
Concen: 42.051 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	77.8	116.6
145	31.3	25.2	37.8





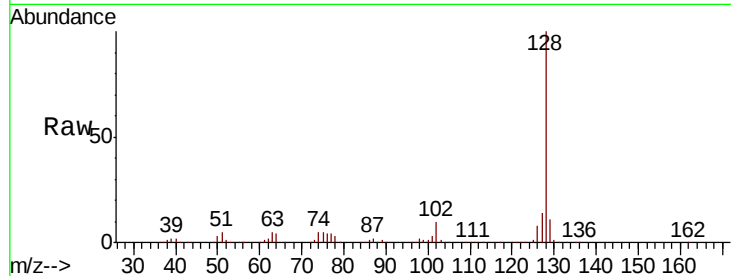
#31
Naphthalene
Concen: 50.452 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.7	11.4	17.2

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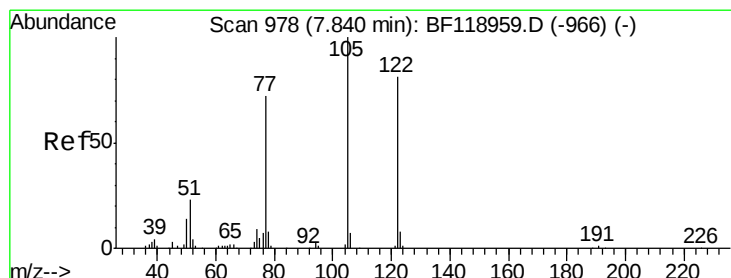
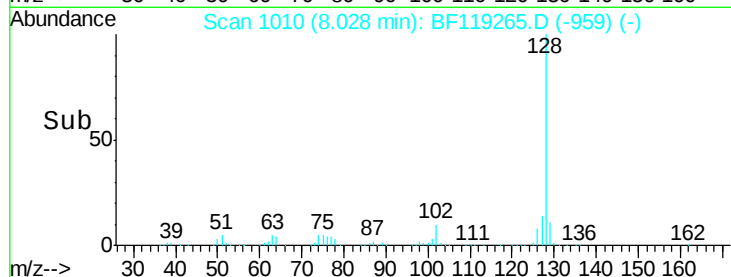
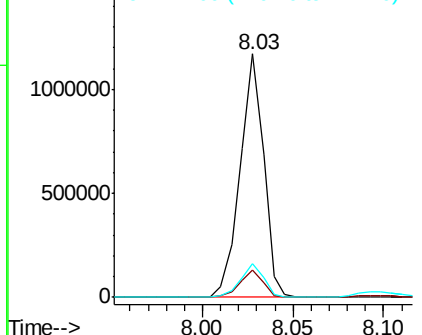


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.734 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

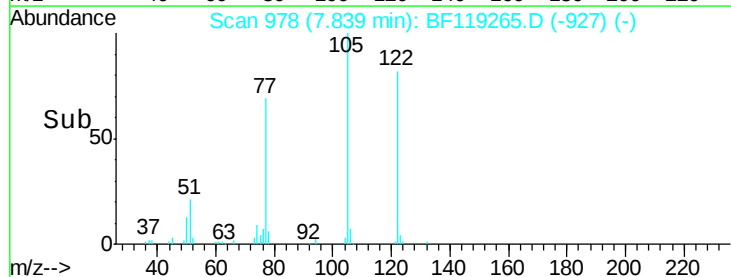
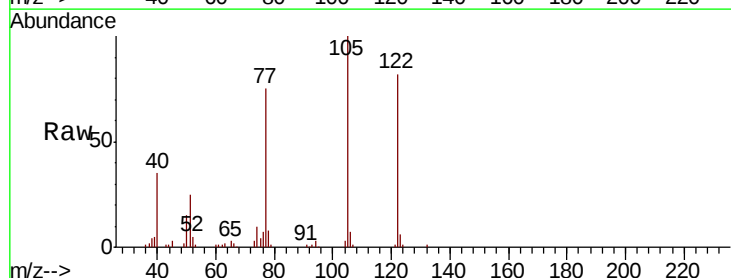
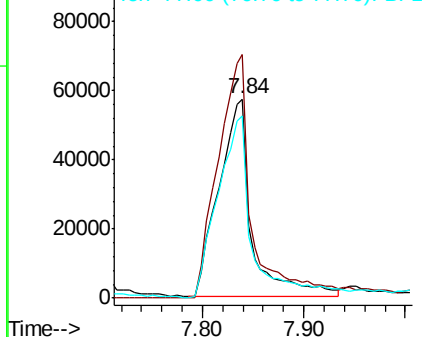
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	106.3	146.3
77	91.7	73.1	113.1

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





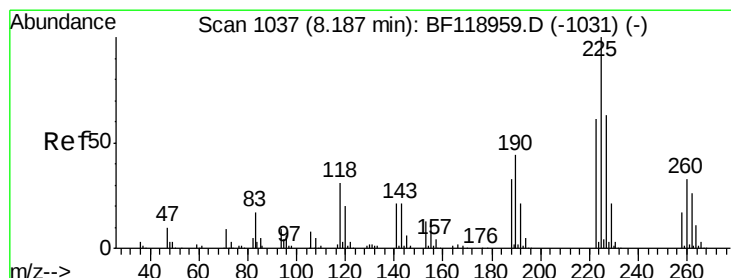
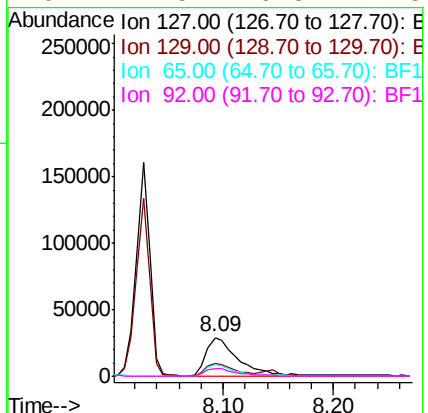
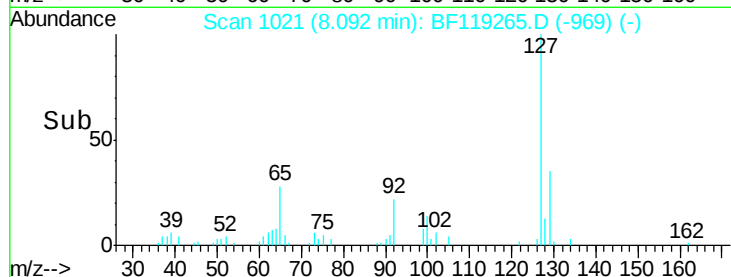
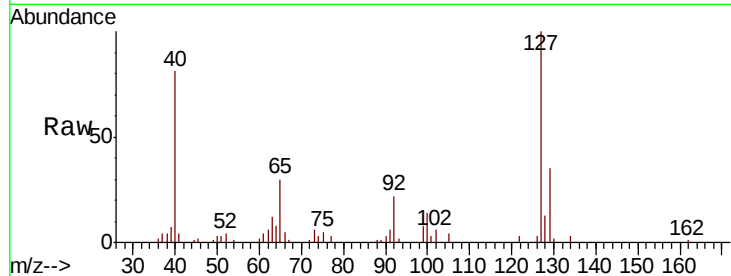
#33
4-Chloroaniline
Concen: 6.286 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	25.9	38.9		
65	29.8	23.9	35.9		
92	21.5	16.3	24.5		

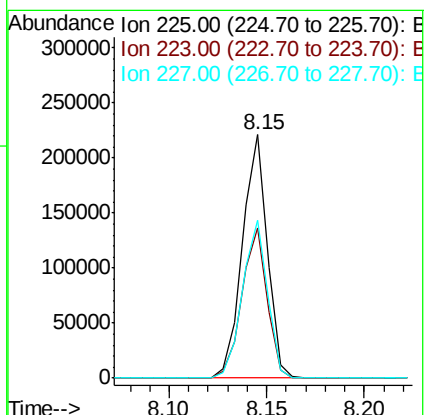
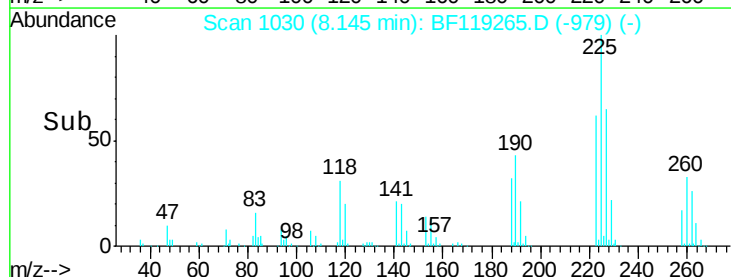
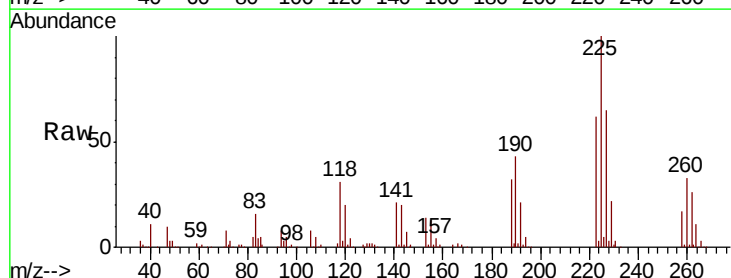
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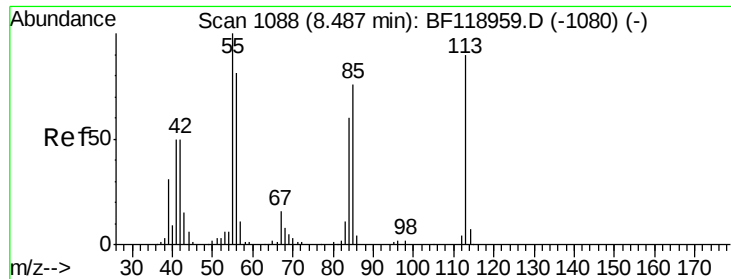
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#34
Hexachlorobutadiene
Concen: 40.992 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	49.4	74.2		
227	64.8	52.9	79.3		





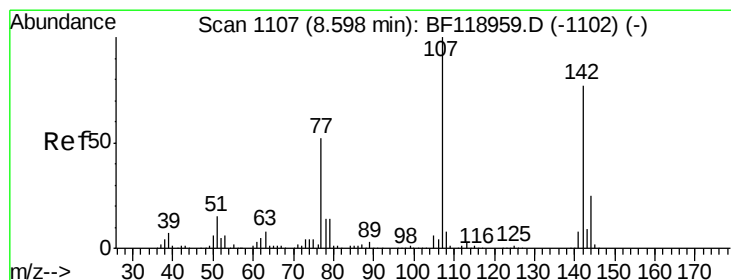
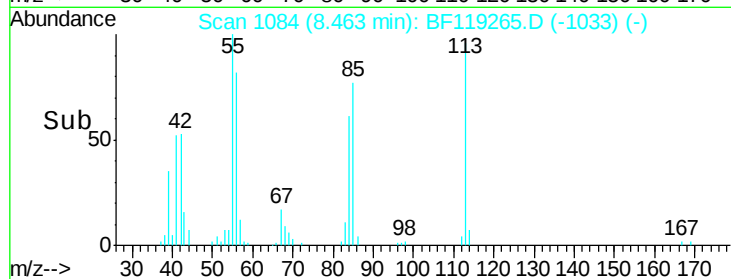
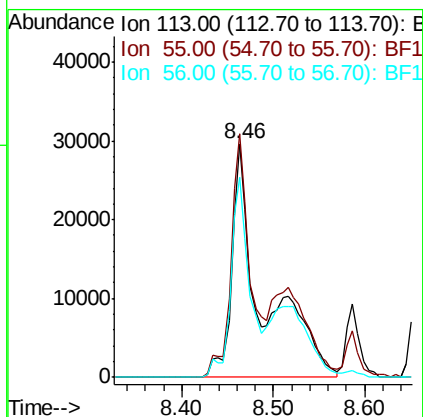
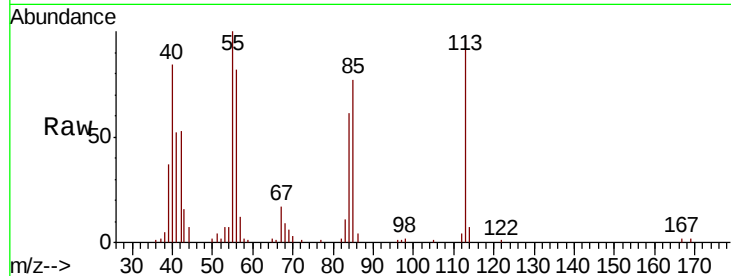
#35
 Caprolactam
 Concen: 35.031 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	104.3	95.7	135.7	
56	85.5	73.1	113.1	

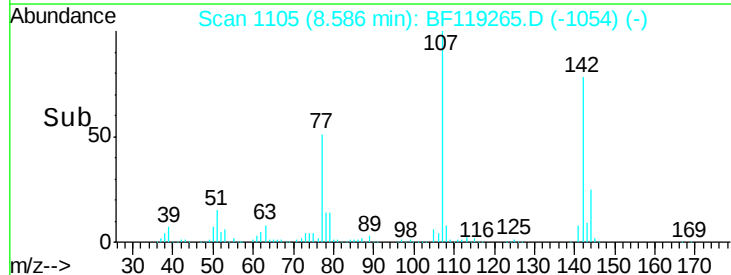
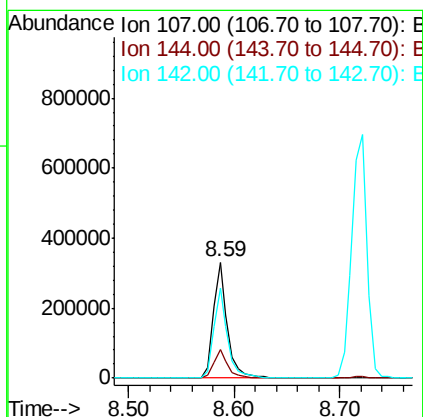
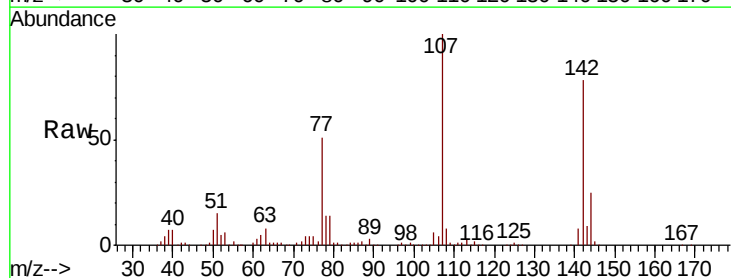
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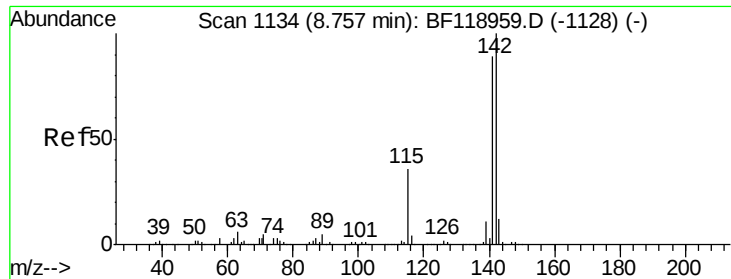
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#36
 4-Chloro-3-methylphenol
 Concen: 47.691 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.8	20.1	30.1	
142	77.6	61.4	92.2	





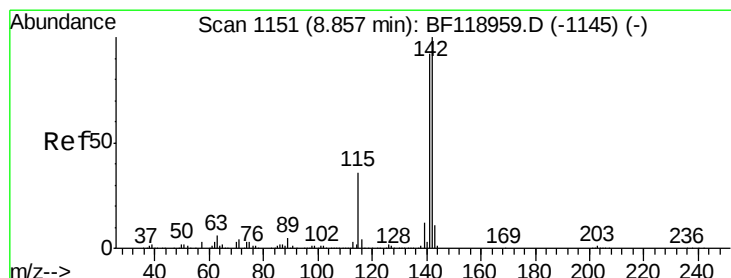
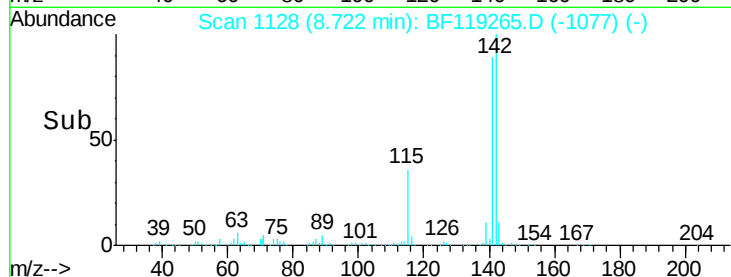
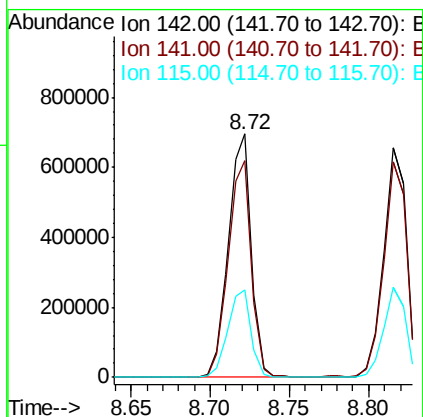
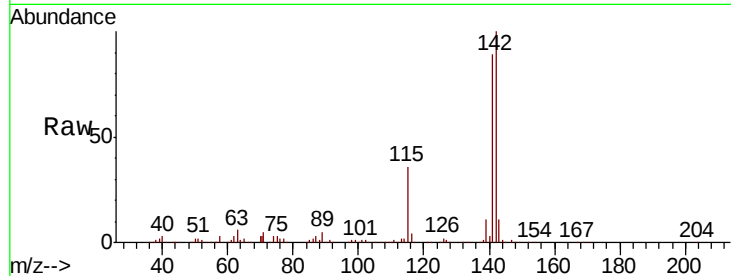
#37
2-Methylnaphthalene
Concen: 48.931 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	36.0	30.6	45.8

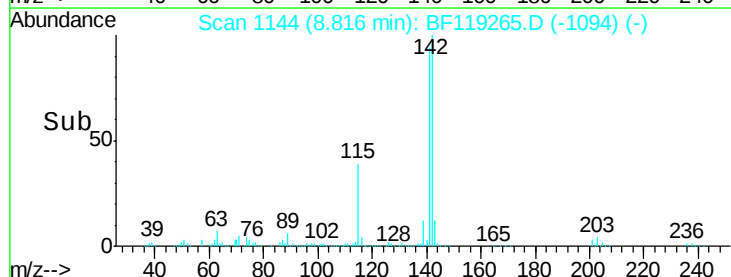
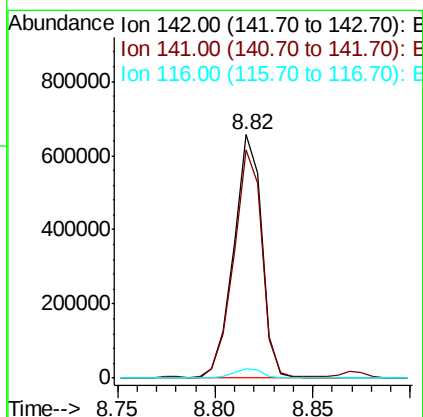
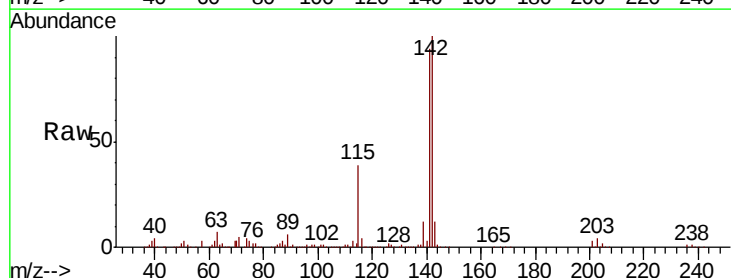
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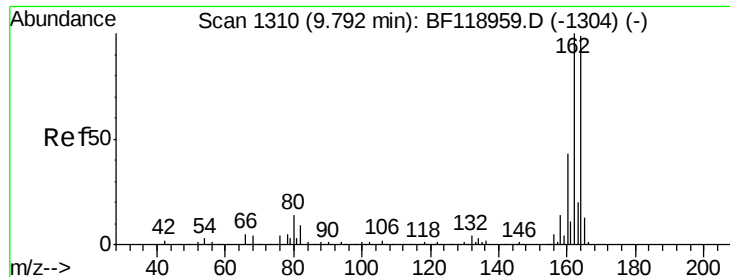
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#38
1-Methylnaphthalene
Concen: 49.050 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	4.0	3.1	4.7





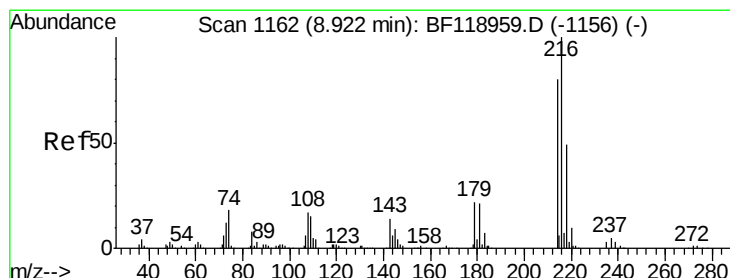
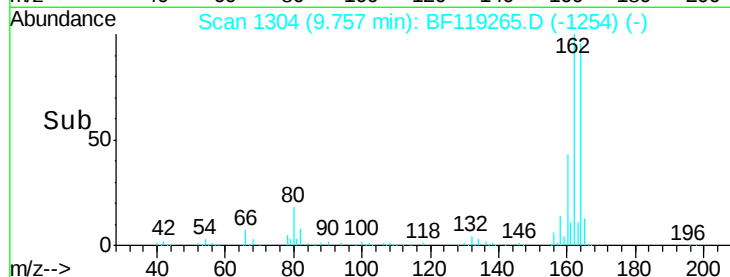
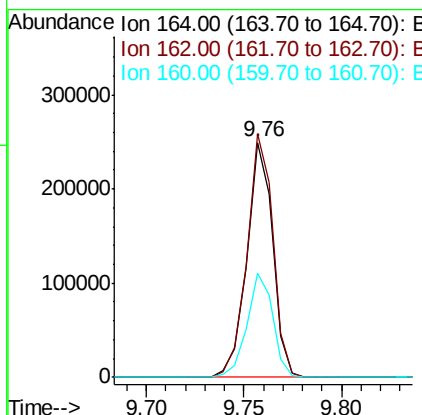
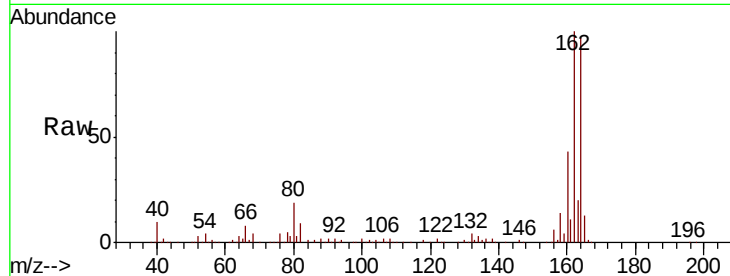
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	81.8	122.8	
160	44.3	36.0	54.0	

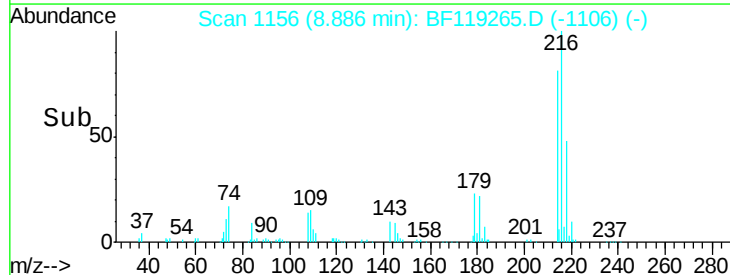
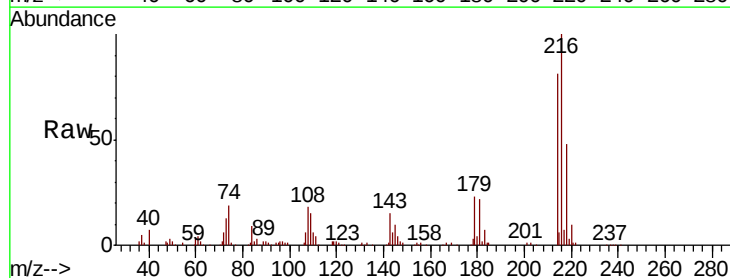
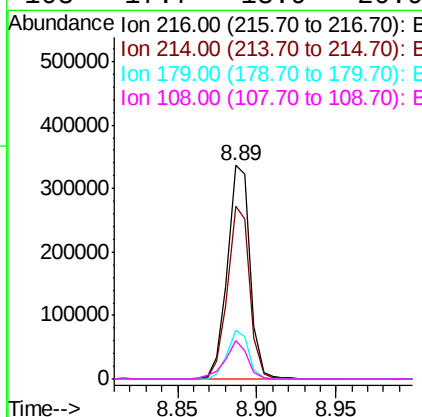
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.325 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.3	94.9	
179	21.7	17.7	26.5	
108	17.7	13.9	20.9	





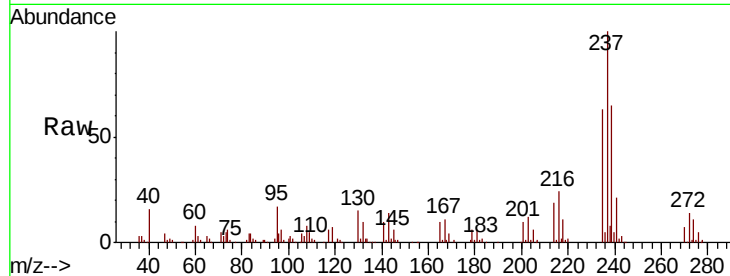
#41
Hexachlorocyclopentadiene
Concen: 47.371 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

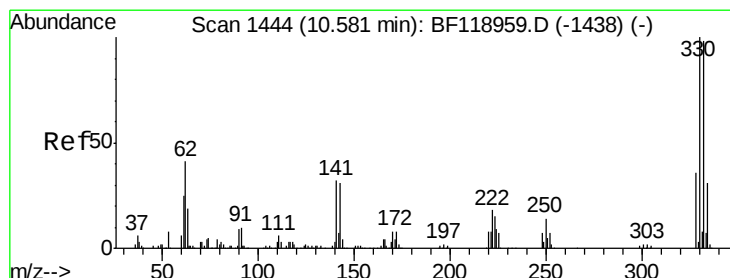
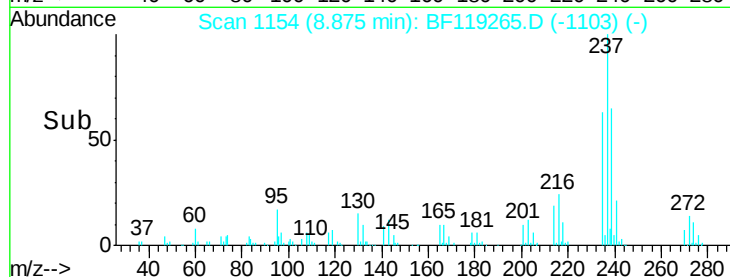
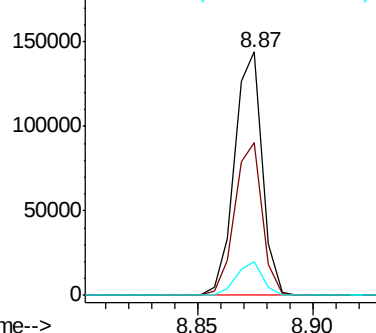
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	42.3	82.3
272	13.7	0.0	33.5

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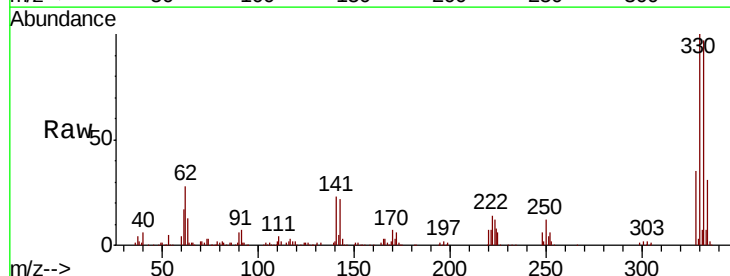


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

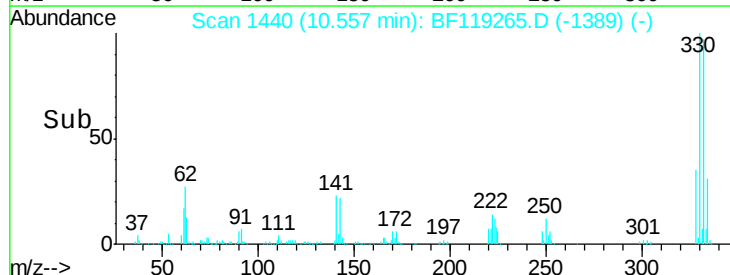
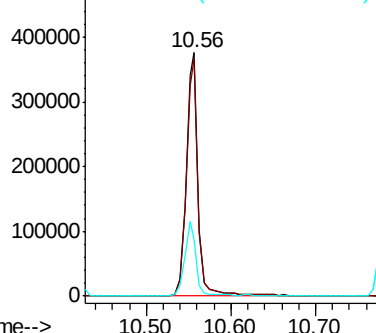


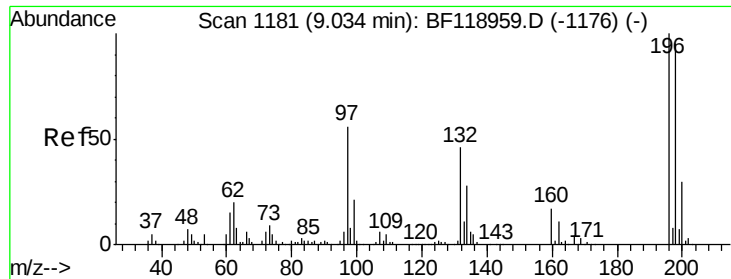
#42
2,4,6-Tribromophenol
Concen: 126.927 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	76.0	114.0
141	29.7	22.9	34.3



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





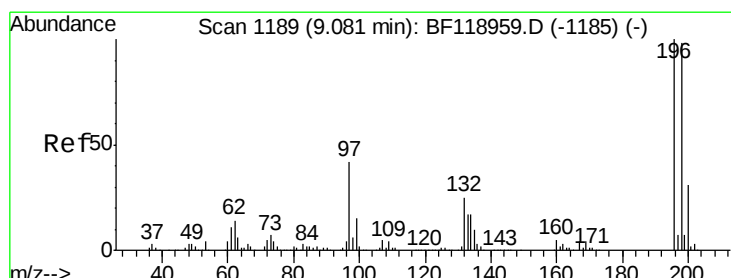
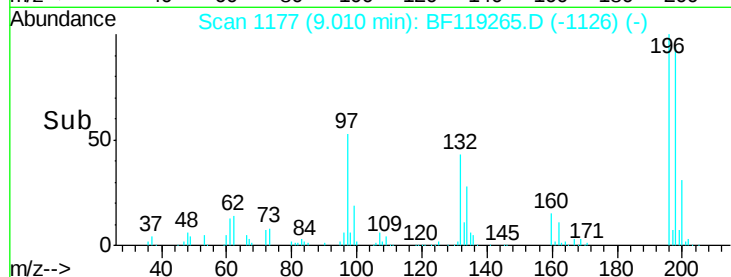
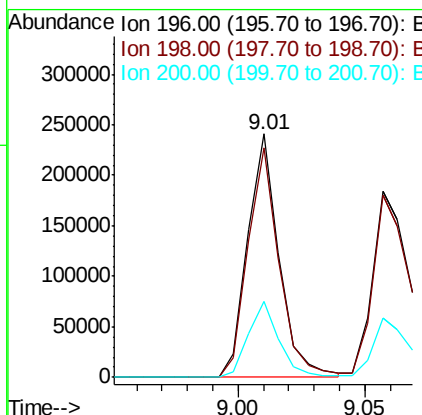
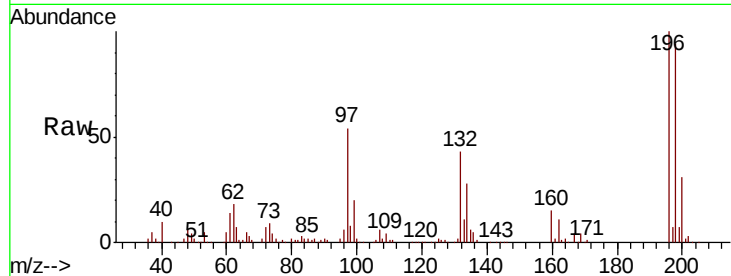
#43
 2,4,6-Trichlorophenol
 Concen: 42.840 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208137		
198	94.3	77.1	115.7	
200	31.0	25.0	37.6	

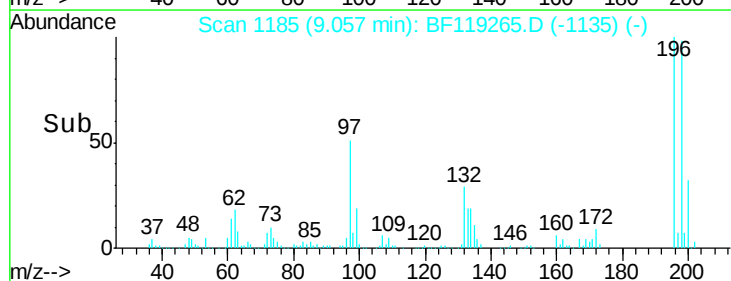
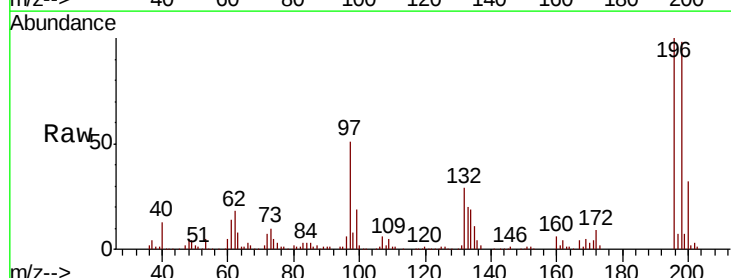
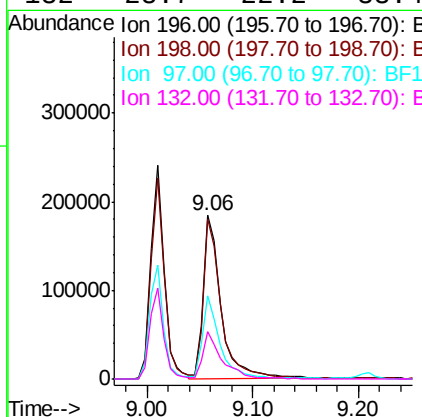
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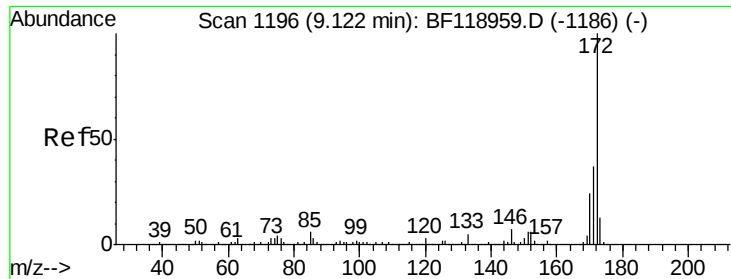
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.505 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216704		
198	97.6	76.8	115.2	
97	50.9	38.5	57.7	
132	28.7	22.2	33.4	





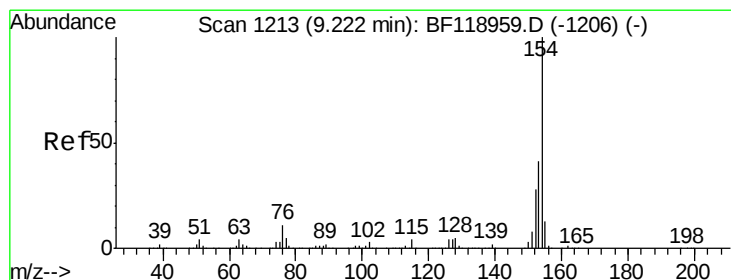
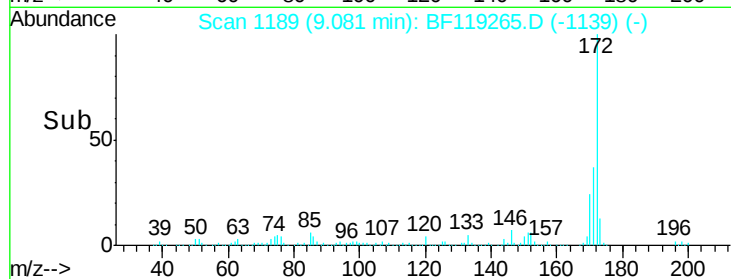
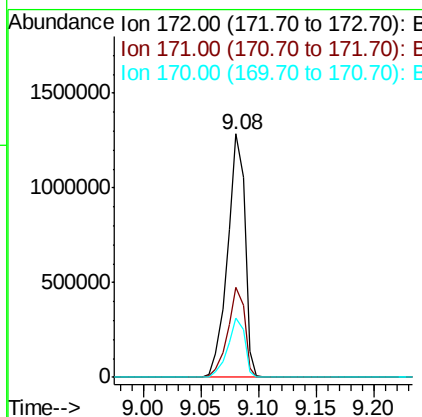
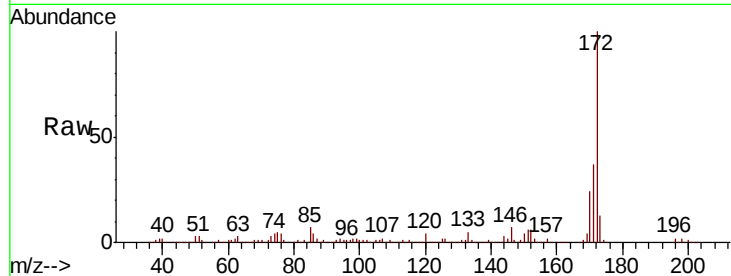
#45
 2-Fluorobiphenyl
 Concen: 86.199 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.2	20.2	30.2

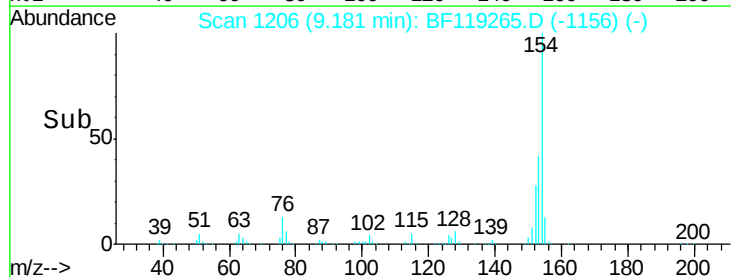
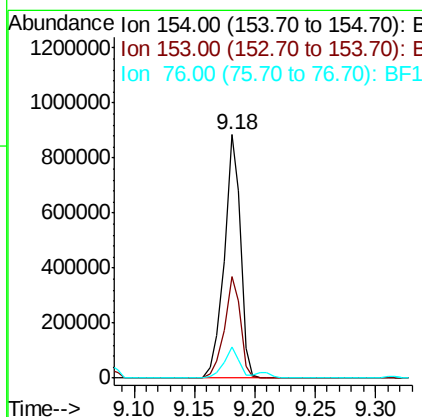
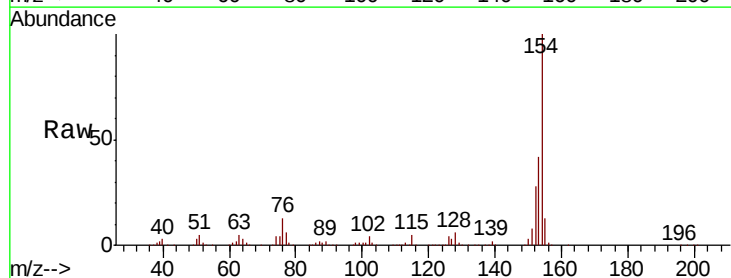
Manual Integrations
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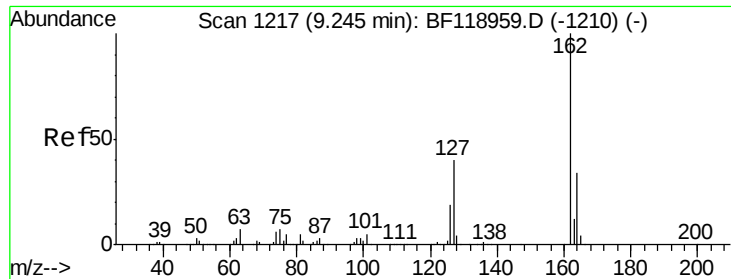
mohammad
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#46
 1,1'-Biphenyl
 Concen: 44.327 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.7	0.0	32.2





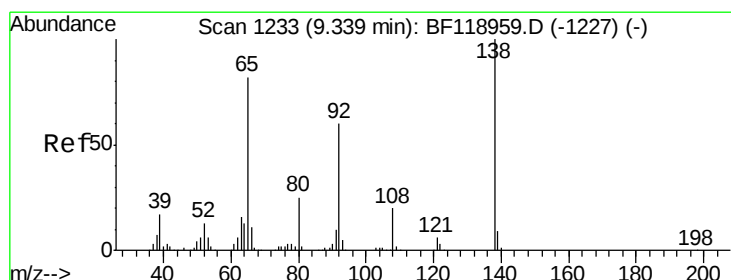
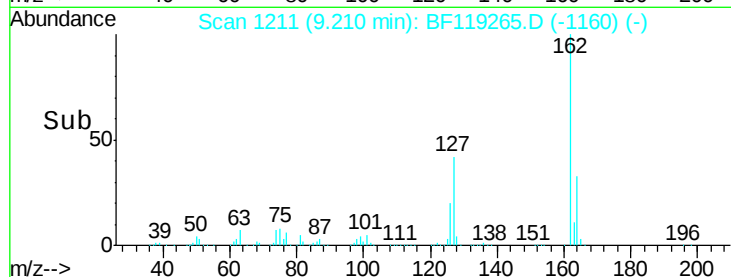
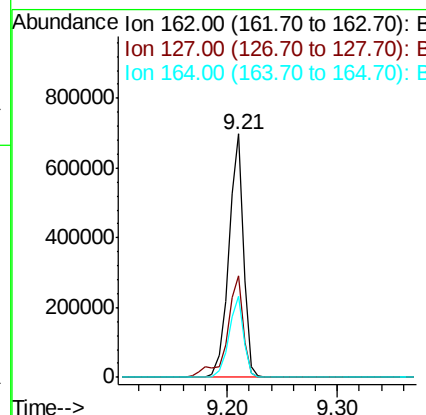
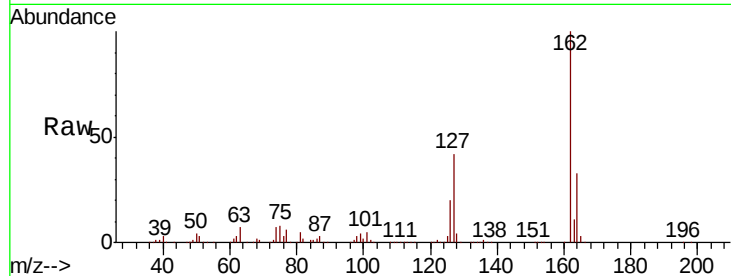
#47
2-Chloronaphthalene
Concen: 43.696 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	649415		
127	41.7		35.0	52.4
164	33.1		27.2	40.8

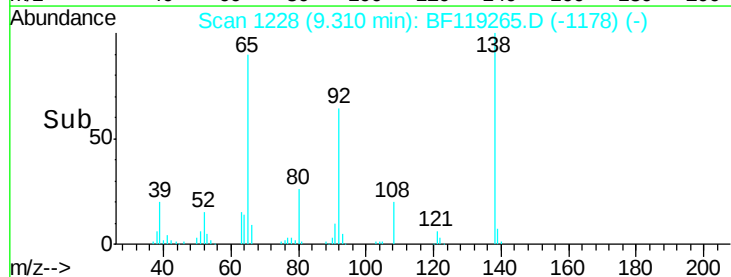
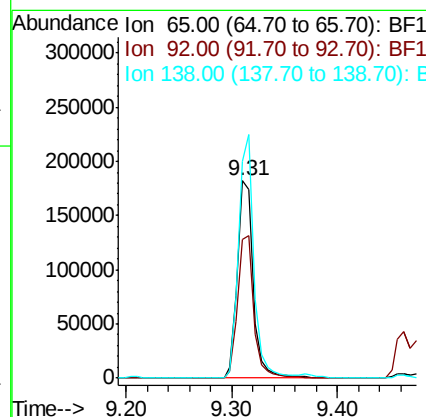
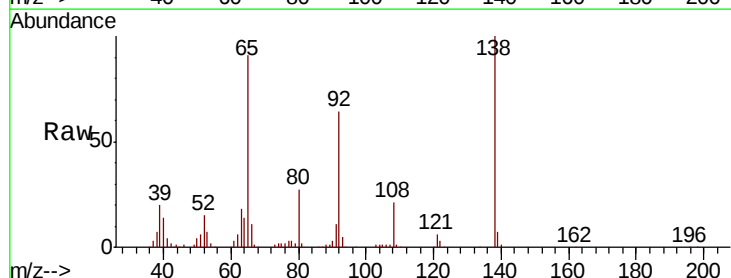
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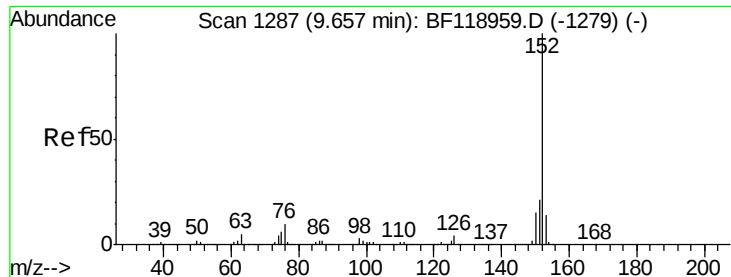
mohammad
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#48
2-Nitroaniline
Concen: 45.531 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	188737		
92	70.0		58.2	87.2
138	110.3		95.6	143.4





#49

Acenaphthylene

Concen: 46.346 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

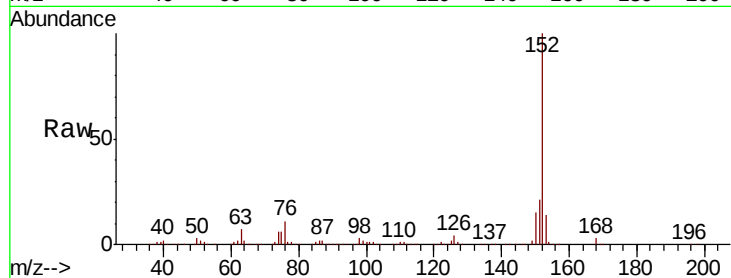
ClientSampleId :

SU-04-030420MS

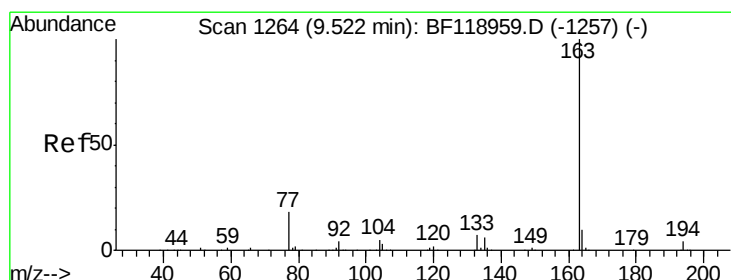
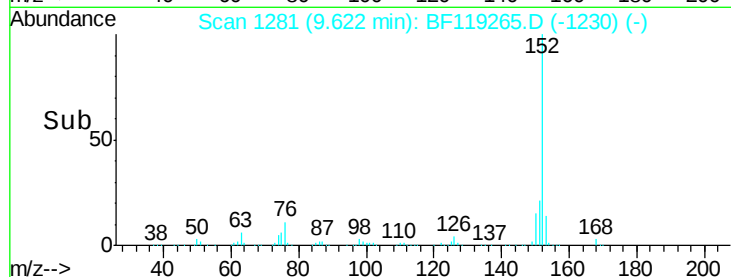
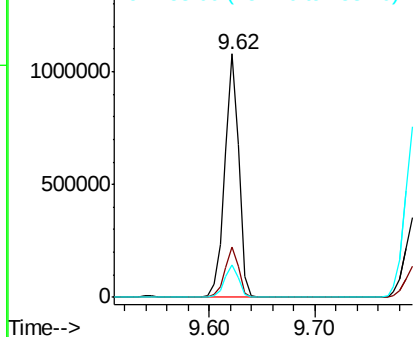
Tot Ion:	152	Resp:	994821
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.9	25.3
153	13.5	11.0	16.6

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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: 47.777 ng

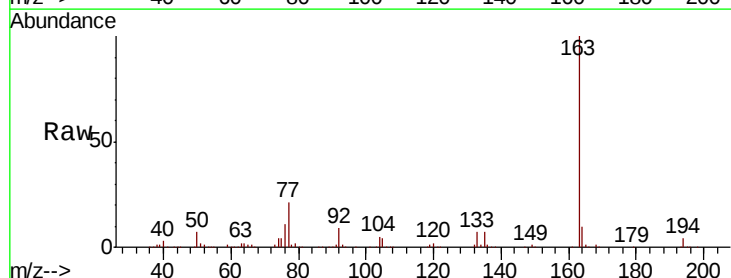
RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

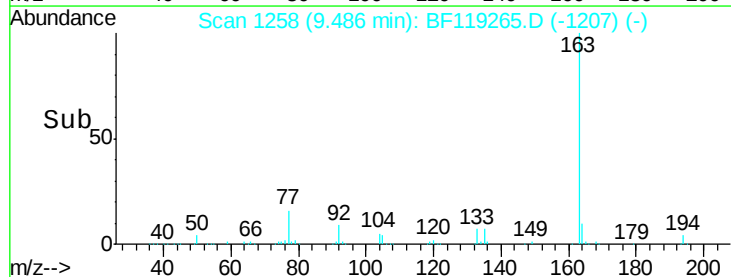
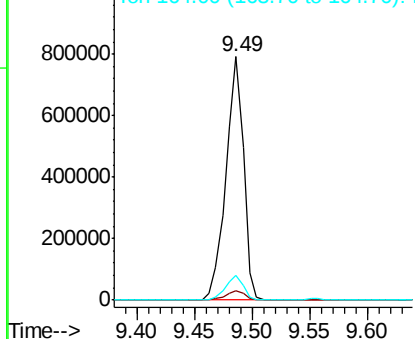
Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	163	Resp:	833669
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	10.1	8.4	12.6



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: 46.263 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

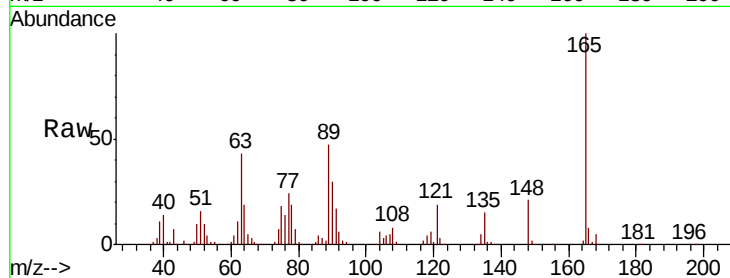
ClientSampleId :

SU-04-030420MS

Tot Ion:	165	Resp:	179349
Ion Ratio	Lower	Upper	
165	100		
63	42.8	34.3	51.5
89	47.5	38.3	57.5

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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

250000

200000

150000

100000

50000

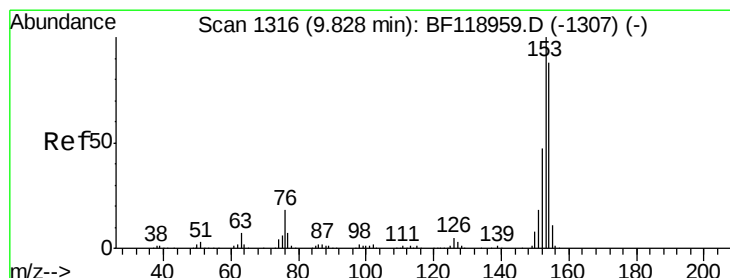
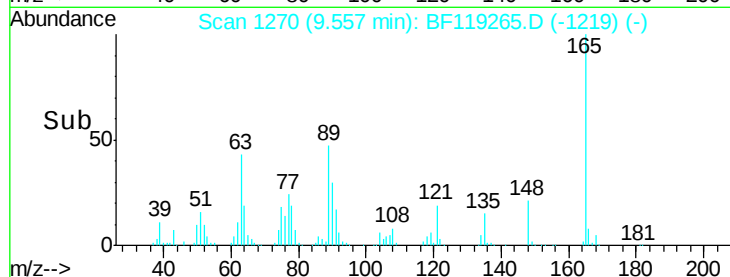
0

9.50

9.55

9.60

Time-->



#52

Acenaphthene

Concen: 46.394 ng

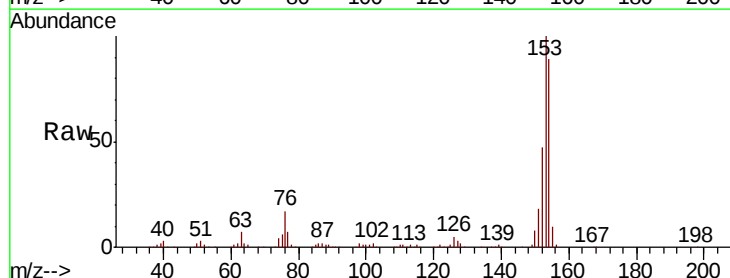
RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	154	Resp:	600486
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.3	135.5
152	52.9	43.8	65.8



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

1000000

800000

600000

400000

200000

0

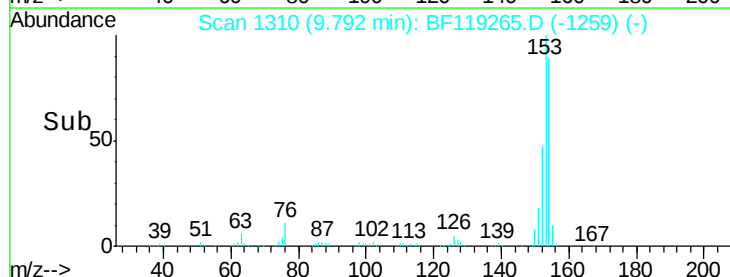
9.70

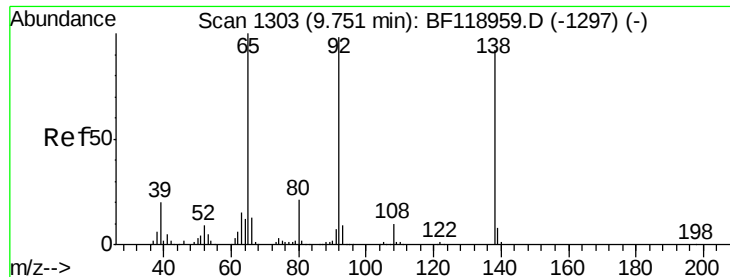
9.75

9.80

9.85

Time-->





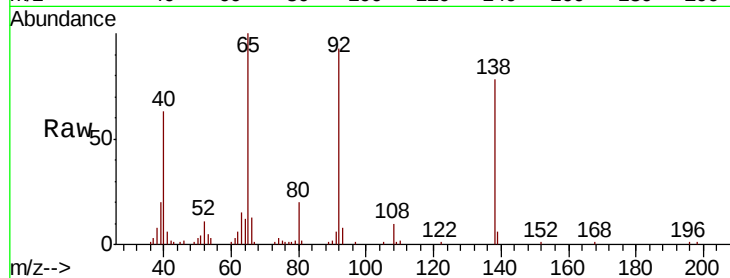
#53
3-Nitroaniline
Concen: 9.922 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.8	13.2
92	119.2	84.8	127.2

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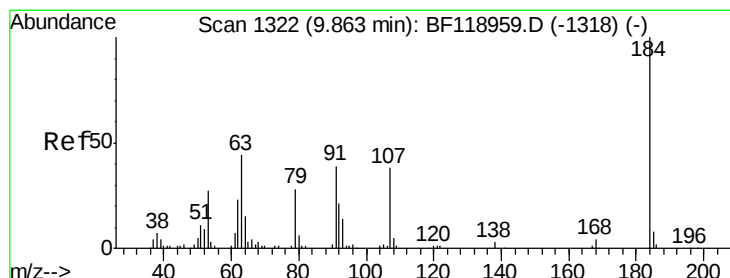
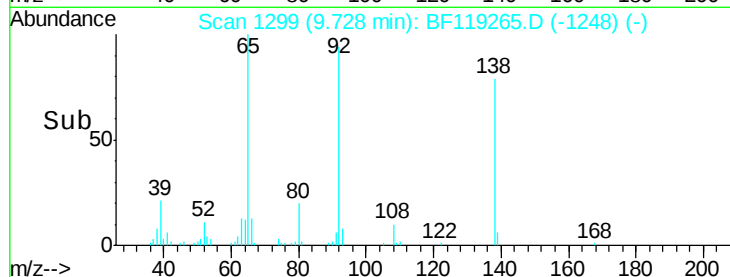
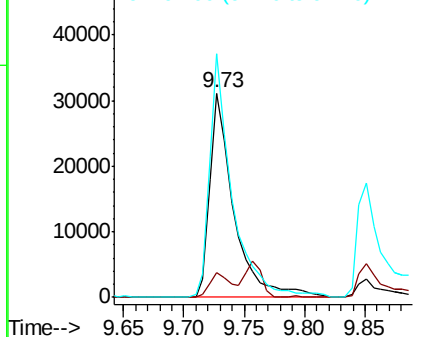


Abundance

Ion 138.00 (137.70 to 138.70): E

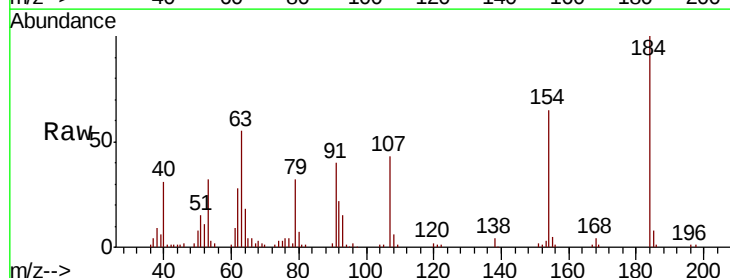
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 58.753 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	38.7	58.1
154	65.2	49.7	74.5

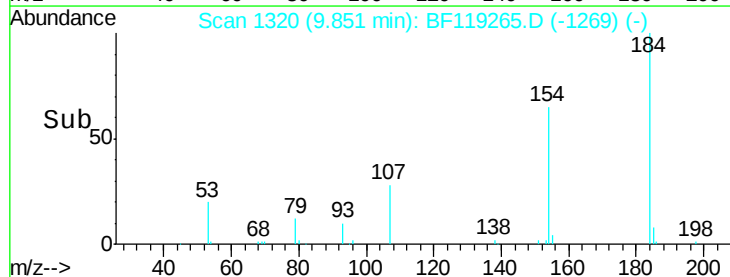
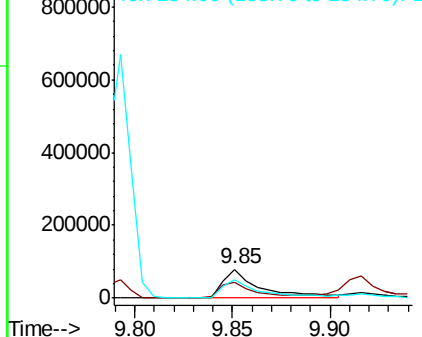


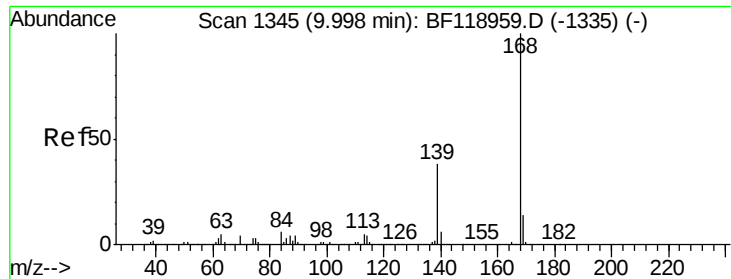
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





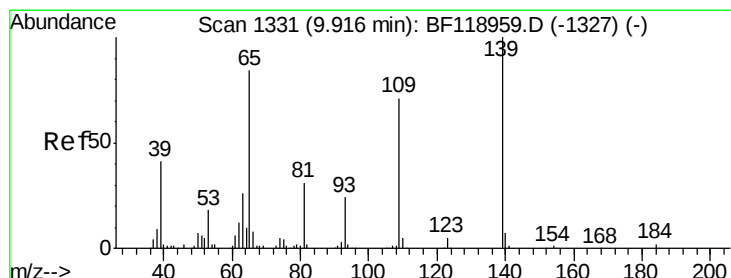
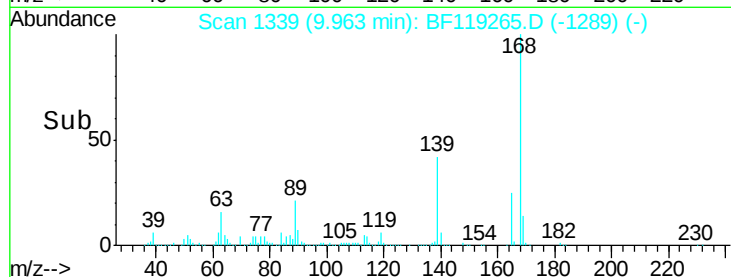
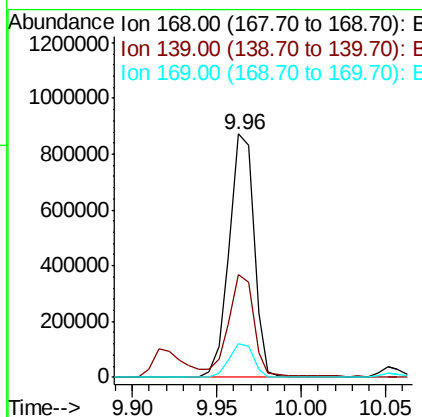
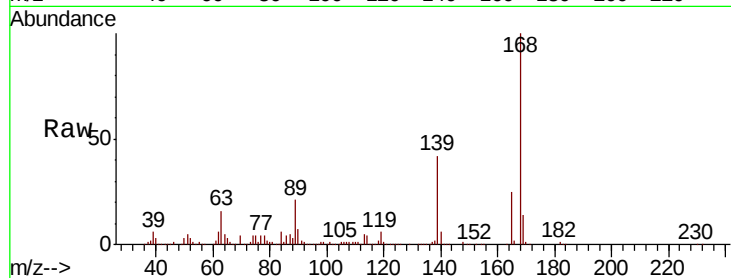
#55
Dibenzofuran
Concen: 46.177 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	34.0	51.0
169	13.9	11.0	16.4

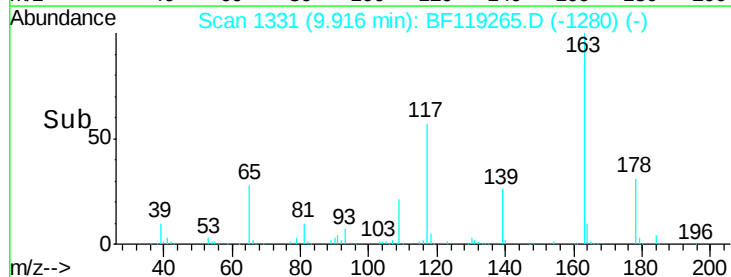
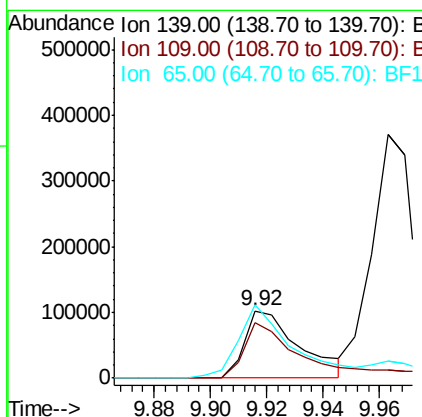
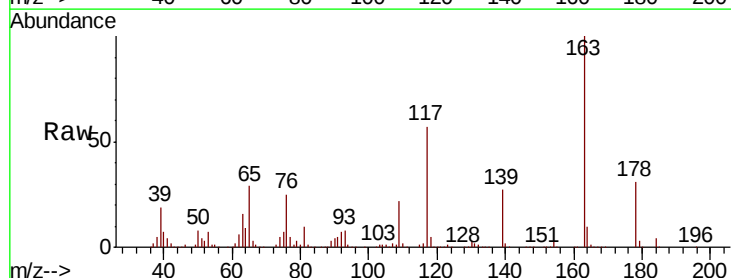
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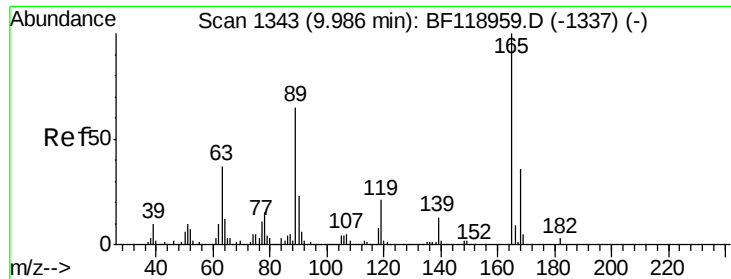
mohammad
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#56
4-Nitrophenol
Concen: 53.064 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.5	56.7	96.7
65	109.6	65.0	105.0#





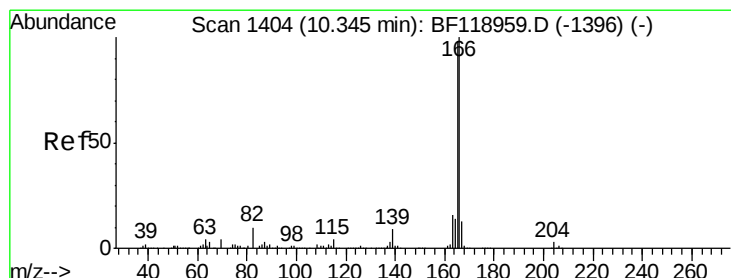
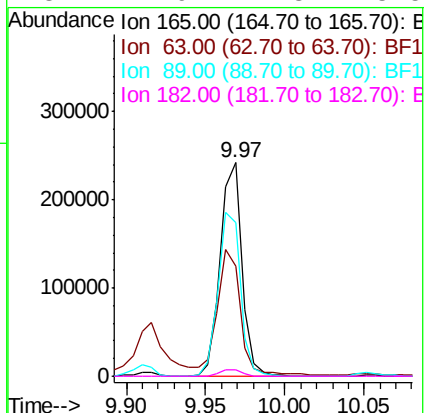
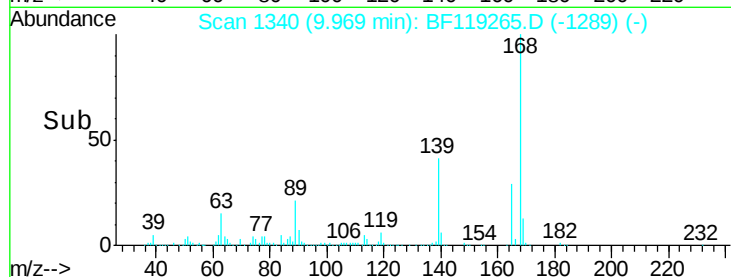
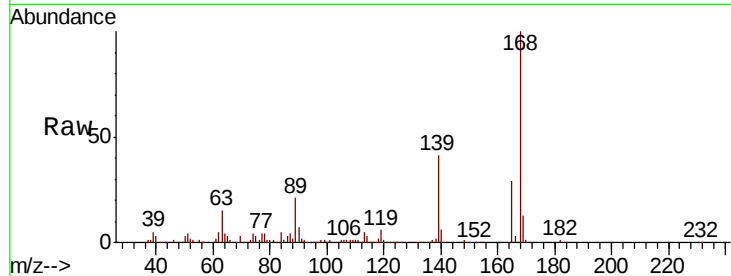
#57
2,4-Dinitrotoluene
Concen: 46.135 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231827		
63	51.3	42.3	63.5	
89	71.6	60.2	90.4	
182	2.9	2.3	3.5	

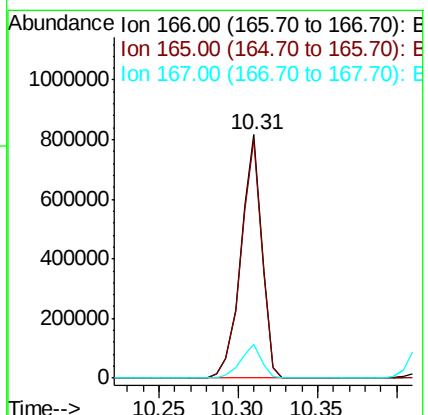
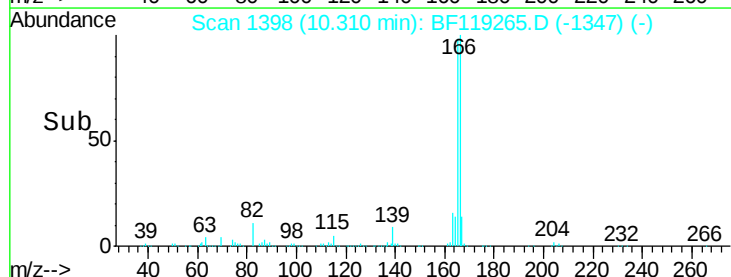
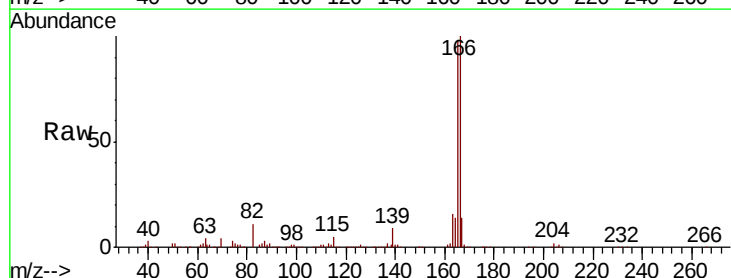
Manual Integrations
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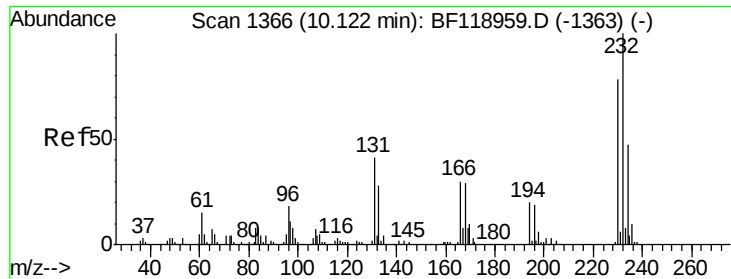
mohammad
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#58
Fluorene
Concen: 49.320 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	740378		
165	98.0	78.5	117.7	
167	13.6	11.0	16.4	





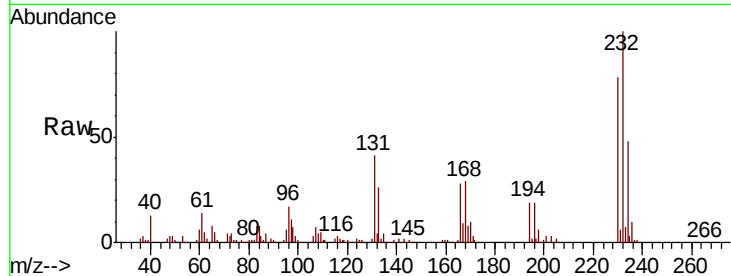
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.480 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		195653		
131	40.5	33.8	50.8		
130	2.4	1.8	2.6		
166	27.8	23.0	34.4		

Manual Integrations
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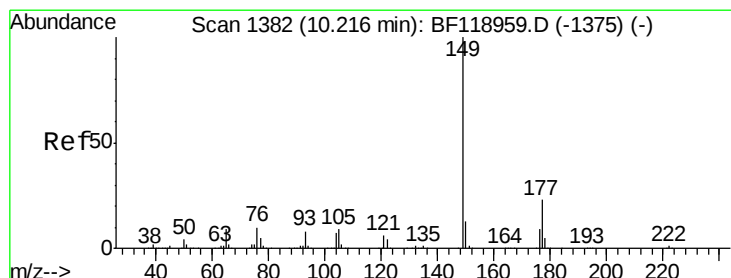
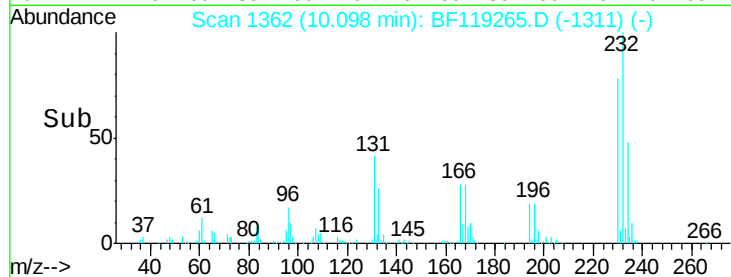
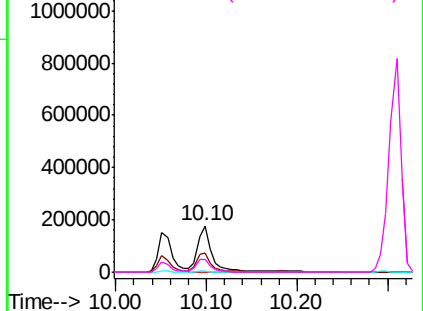
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

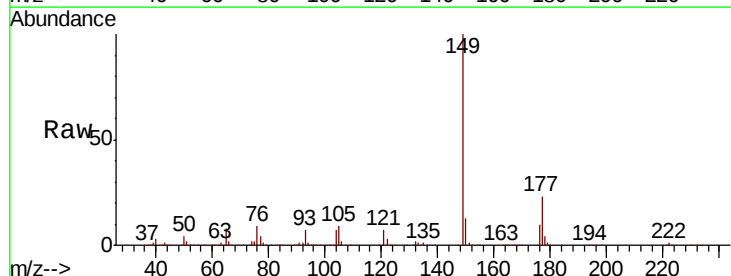
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.829 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		786493		
177	23.0	18.2	27.2		
150	12.7	10.5	15.7		

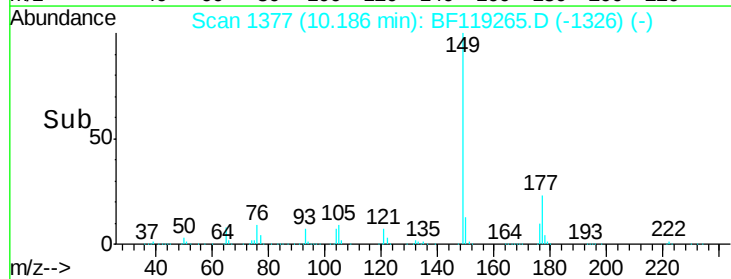
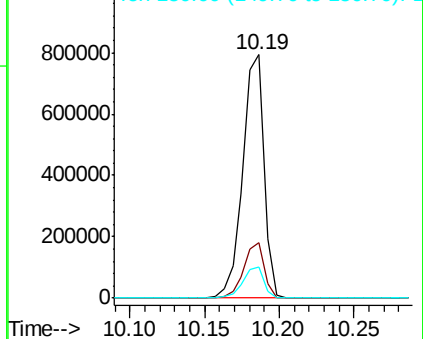


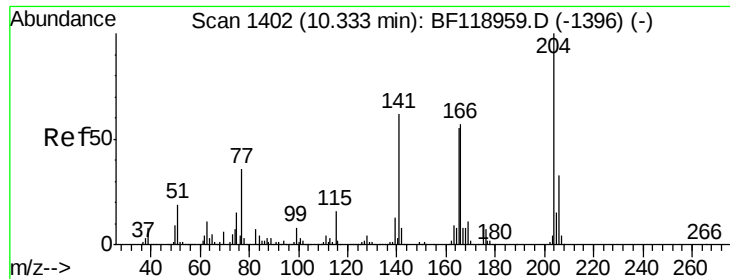
Abundance

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





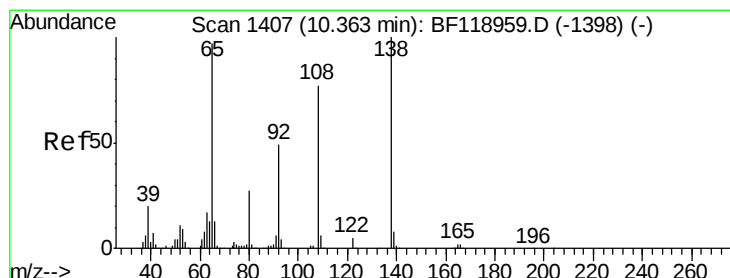
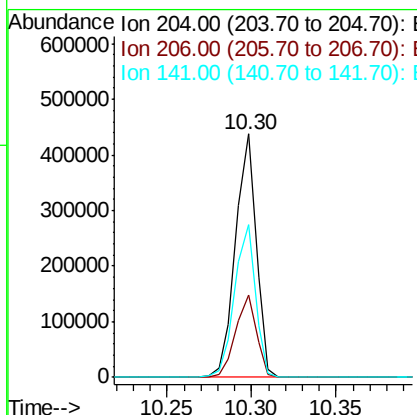
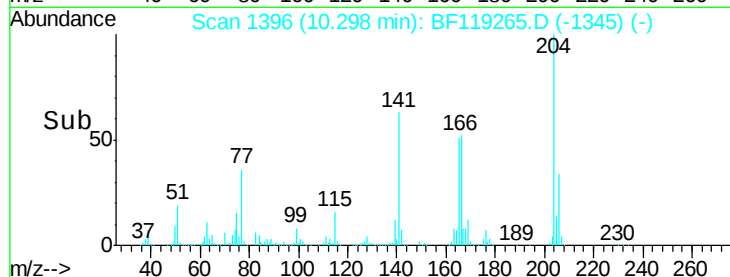
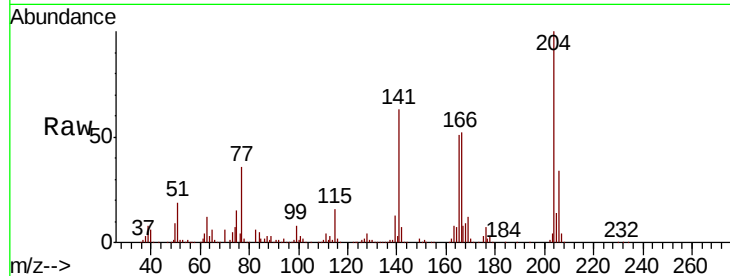
#61
 4-Chlorophenyl-phenylether
 Concen: 47.141 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion:	204	Resp:	374582
Ion Ratio		Lower	Upper
204	100		
206	33.7	27.1	40.7
141	62.6	52.9	79.3

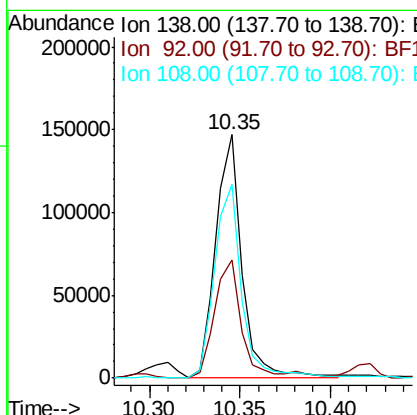
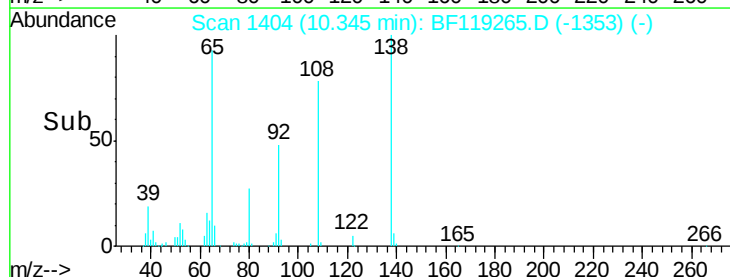
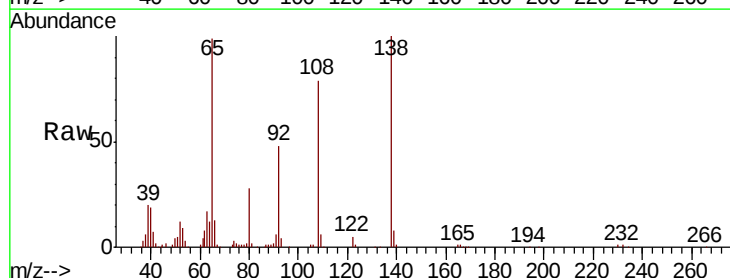
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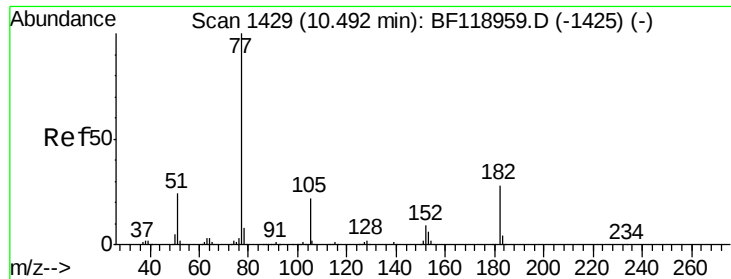
mohammad
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#62
 4-Nitroaniline
 Concen: 33.233 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:	138	Resp:	146131
Ion Ratio		Lower	Upper
138	100		
92	48.3	27.3	67.3
108	79.3	57.0	97.0





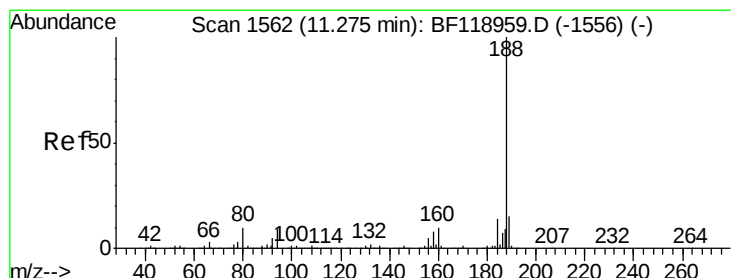
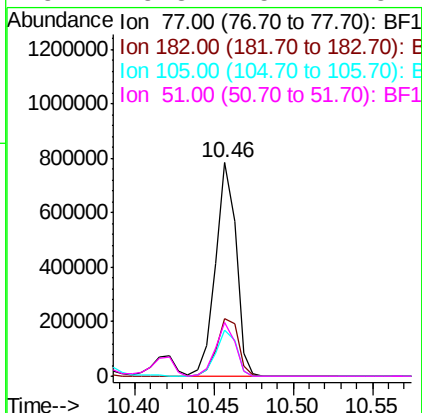
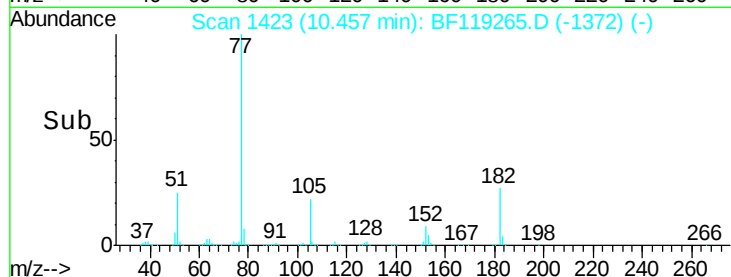
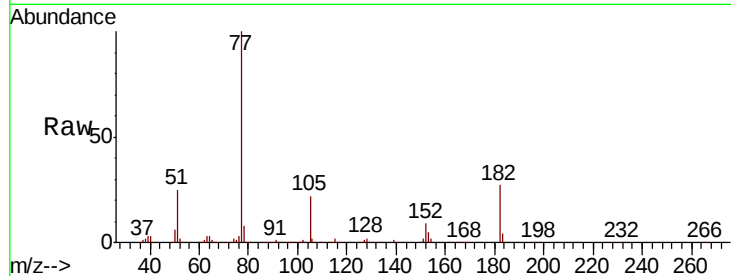
#63
Azobenzene
Concen: 49.177 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		702900		
182	27.0	11.4	51.4		
105	21.8	3.4	43.4		
51	25.3	5.1	45.1		

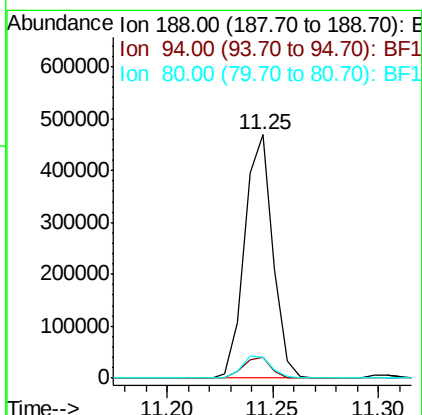
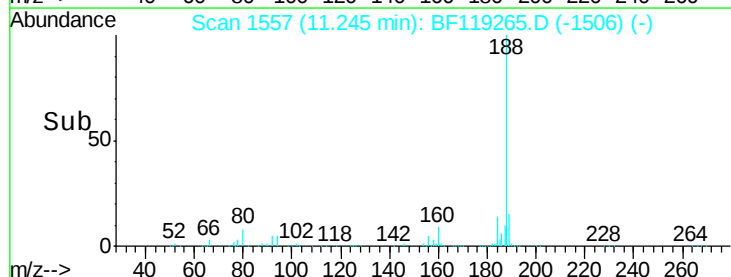
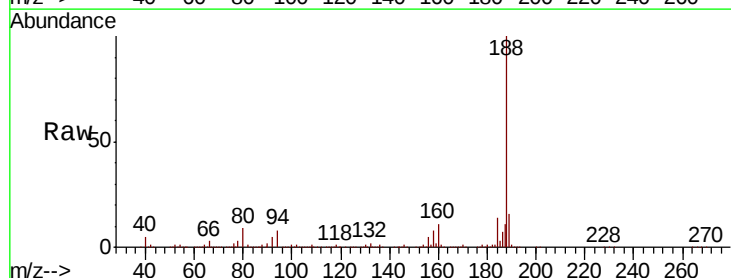
Manual Integrations
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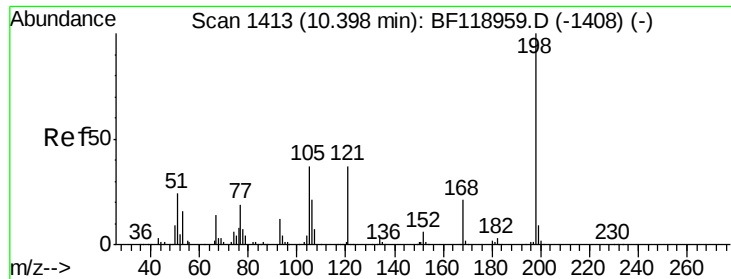
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		434258		
94	8.3	7.1	10.7		
80	8.7	7.8	11.8		





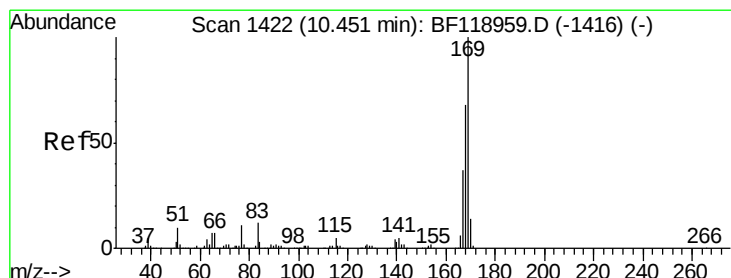
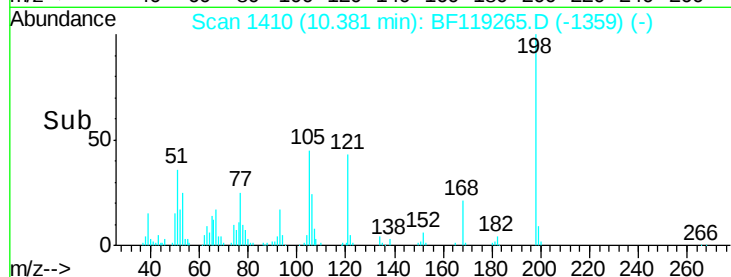
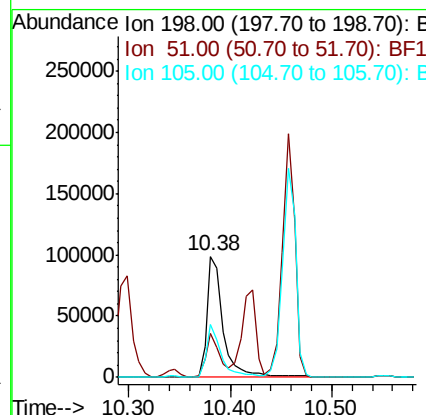
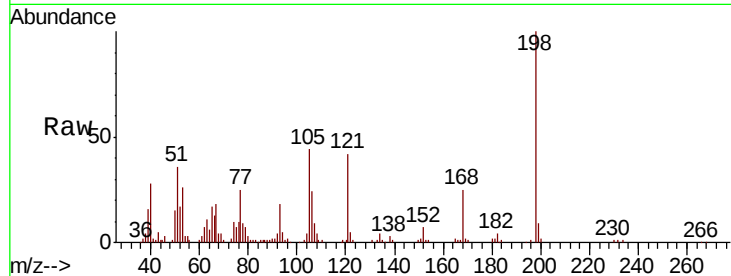
#65
4,6-Dinitro-2-methylphenol
Concen: 41.945 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	110222		
51	35.8	14.2	54.2	
105	44.1	22.7	62.7	

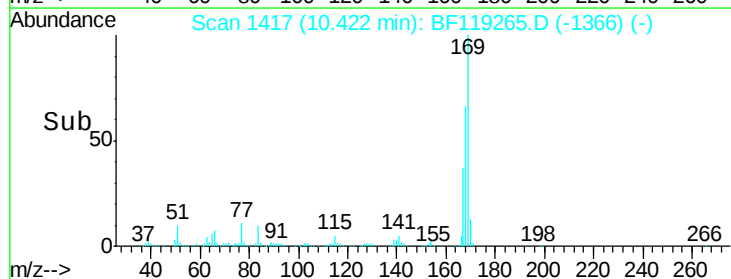
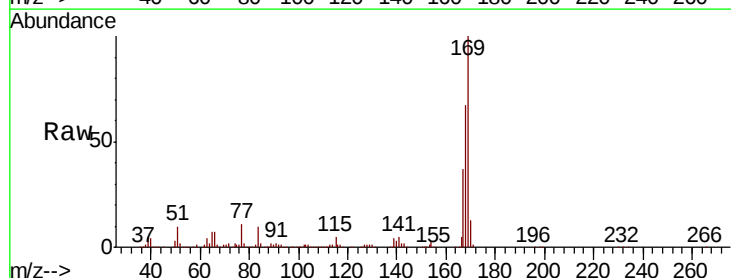
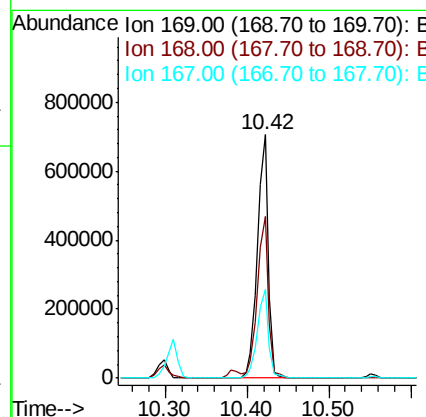
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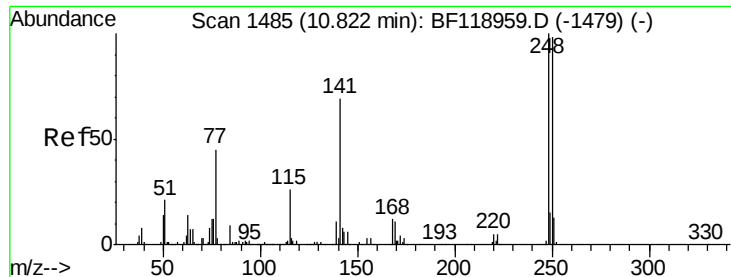
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#66
n-Nitrosodiphenylamine
Concen: 46.574 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	662246		
168	66.7	54.1	81.1	
167	36.7	29.4	44.0	





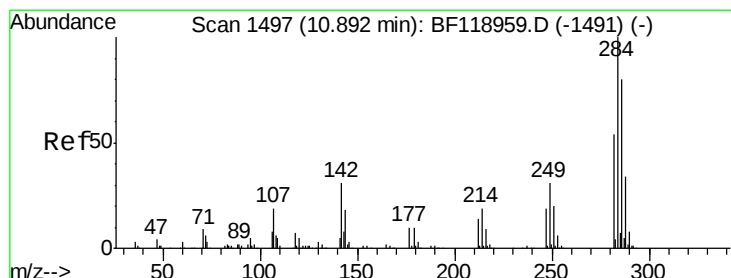
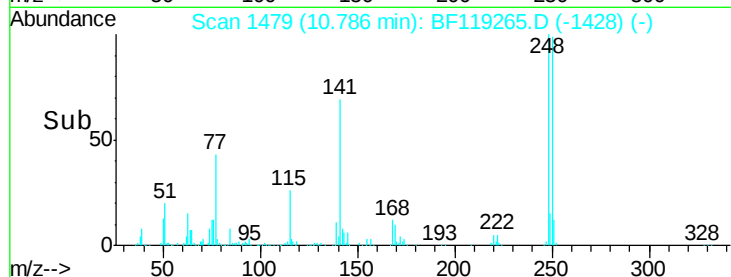
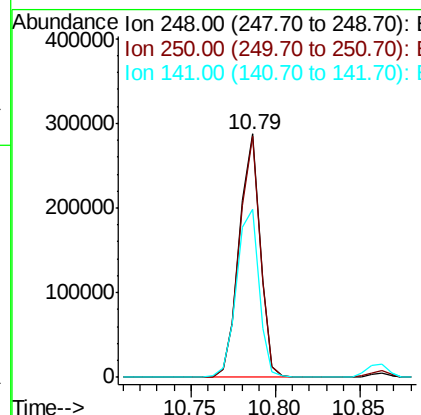
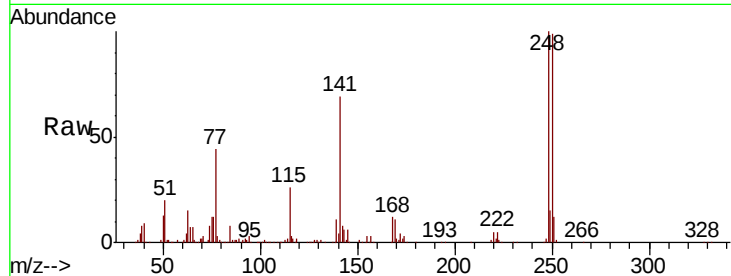
#67
 4-Bromophenyl-phenylether
 Concen: 43.687 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion:	248	Resp:	247983
Ion Ratio	Lower	Upper	
248	100		
250	98.8	76.7	115.1
141	69.1	60.7	91.1

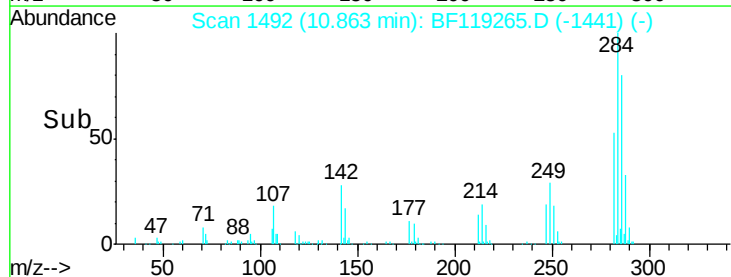
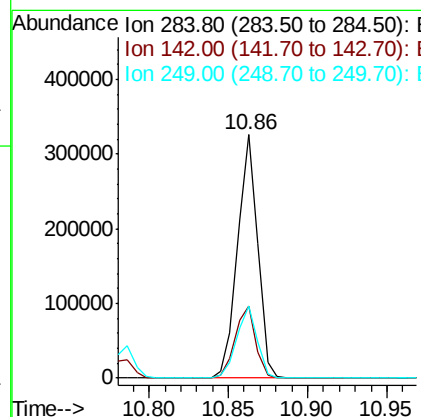
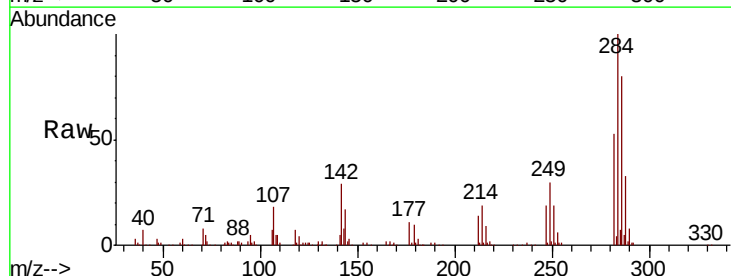
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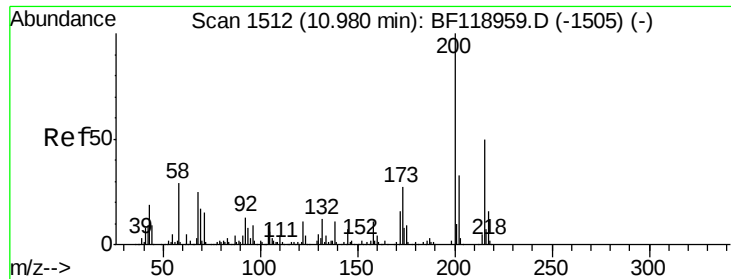
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.995 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:	284	Resp:	287923
Ion Ratio	Lower	Upper	
284	100		
142	29.4	23.7	35.5
249	29.9	25.0	37.6





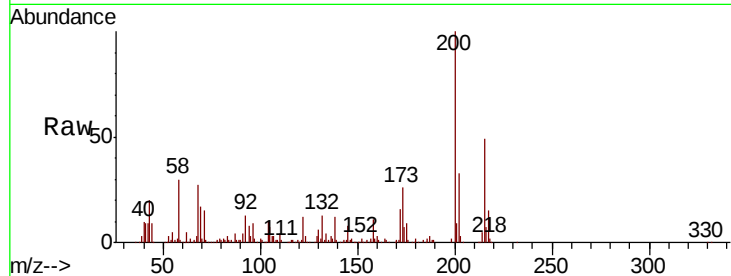
#69
Atrazine
Concen: 46.031 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

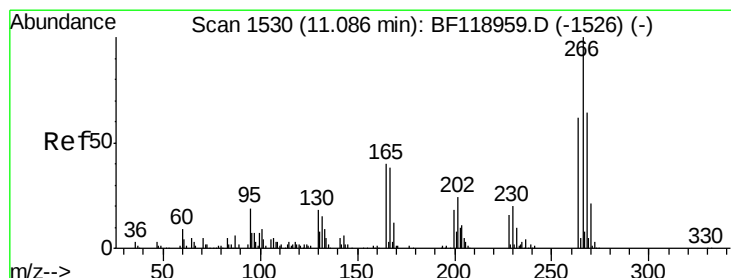
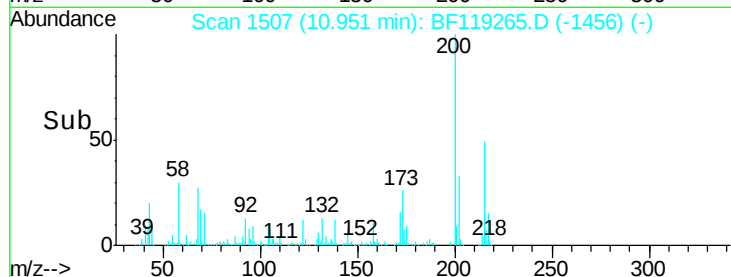
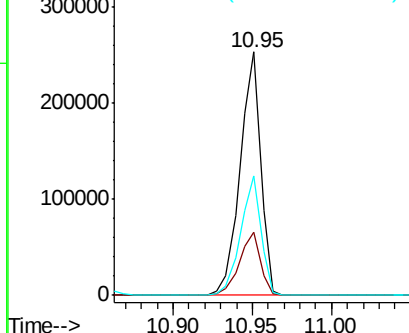
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.4	46.4
215	48.9	27.4	67.4

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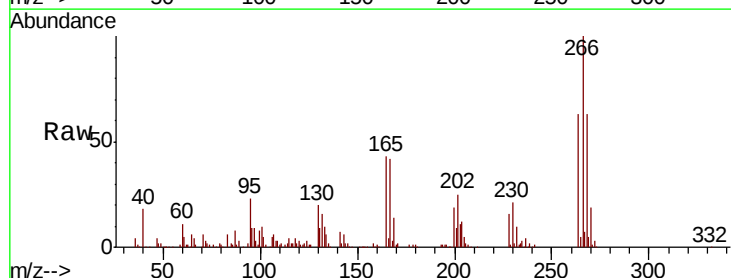


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

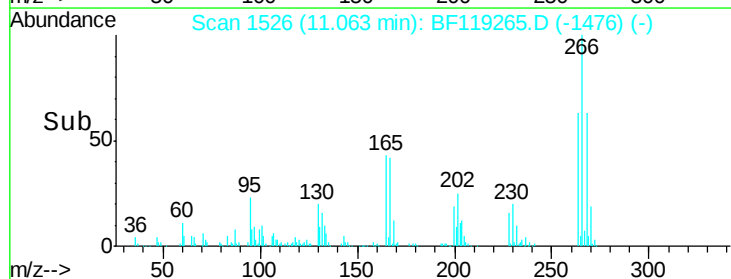
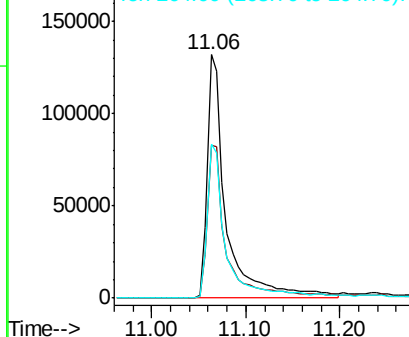


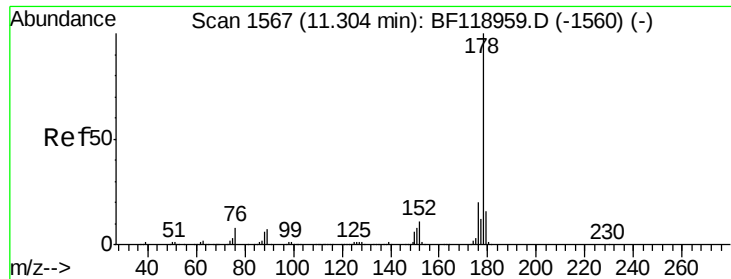
#70
Pentachlorophenol
Concen: 71.392 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.9	77.9
264	63.2	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





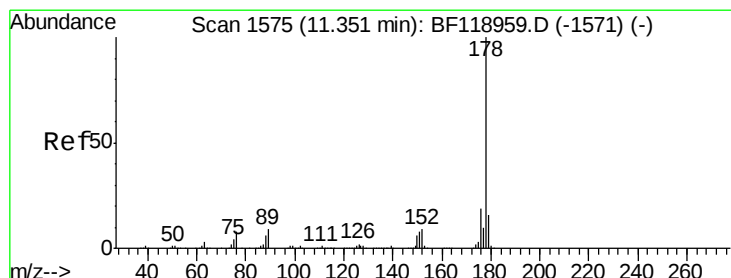
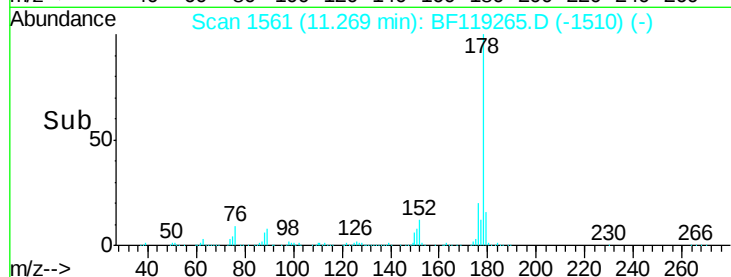
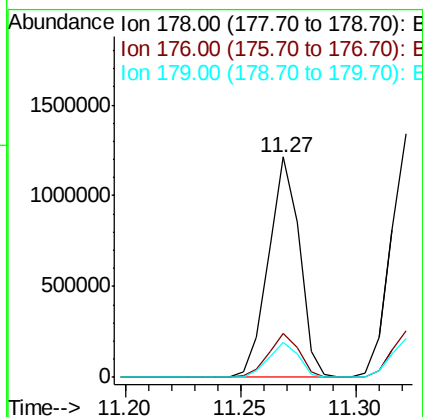
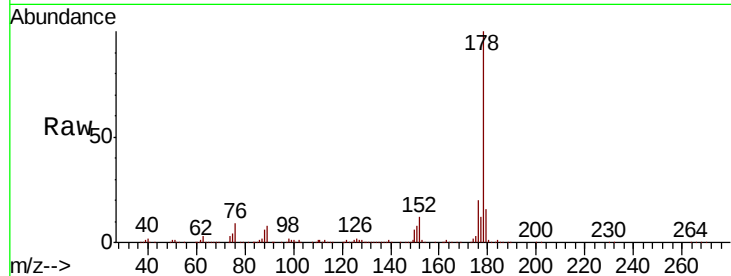
#71
Phenanthrene
Concen: 47.882 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion:178 Resp: 1133951
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.9 13.0 19.6

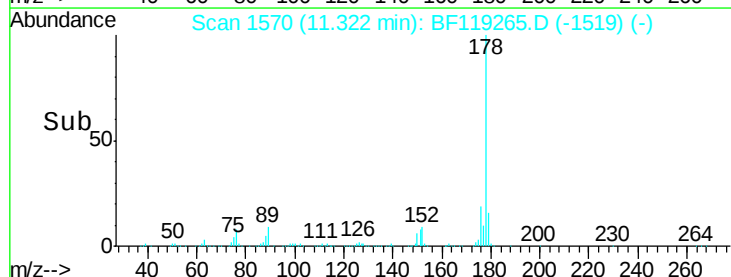
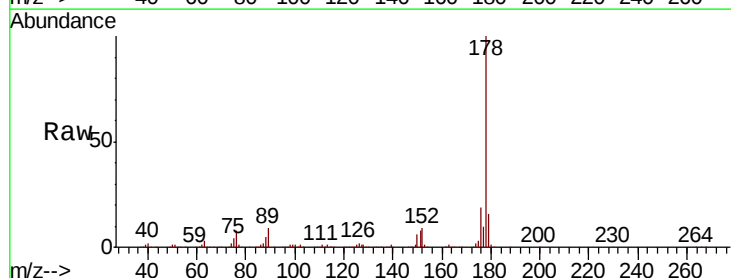
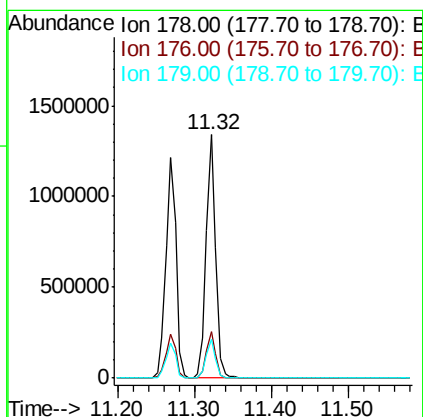
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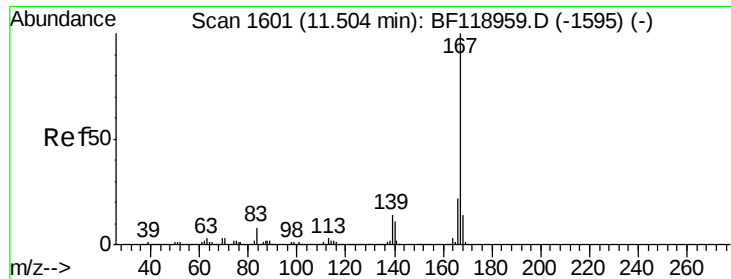
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#72
Anthracene
Concen: 49.231 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:178 Resp: 1164936
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.9 13.1 19.7





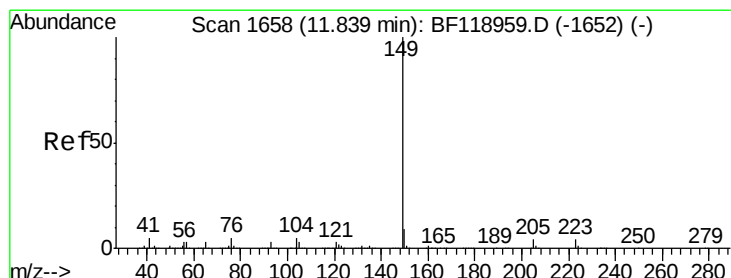
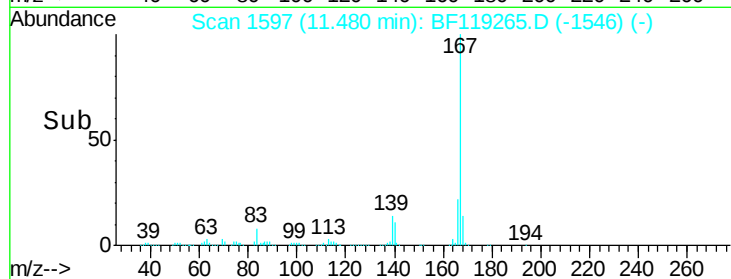
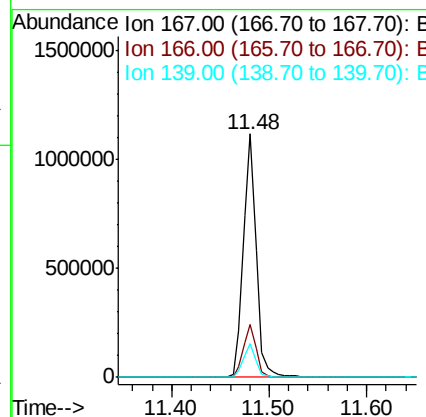
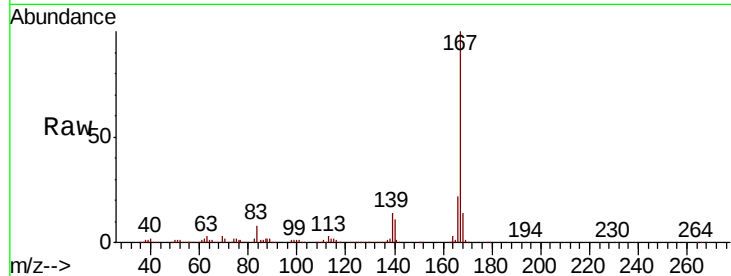
#73
 Carbazole
 Concen: 48.609 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.8	11.7	17.5

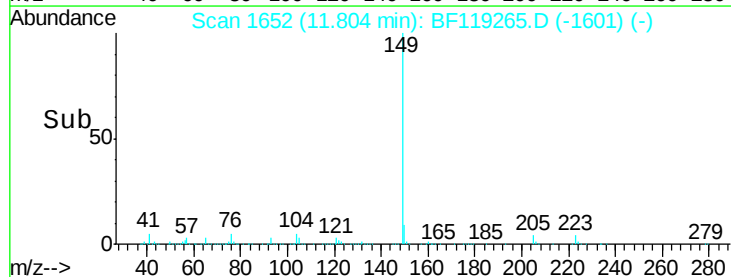
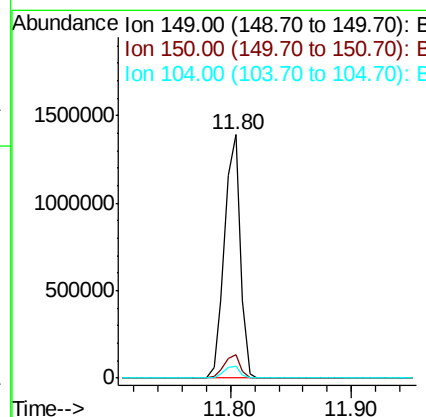
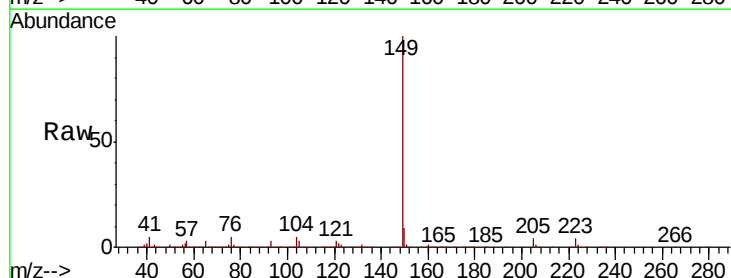
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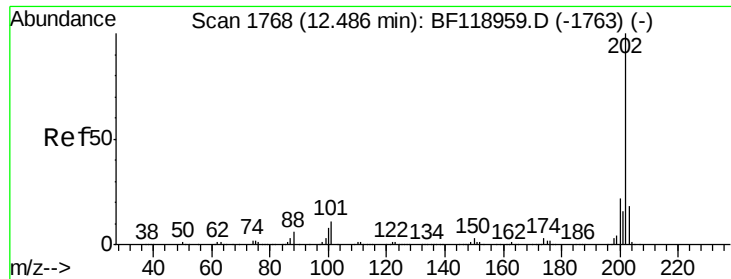
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.914 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 48.761 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

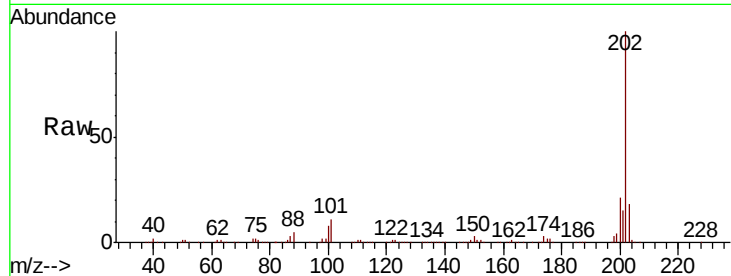
ClientSampleId :

SU-04-030420MS

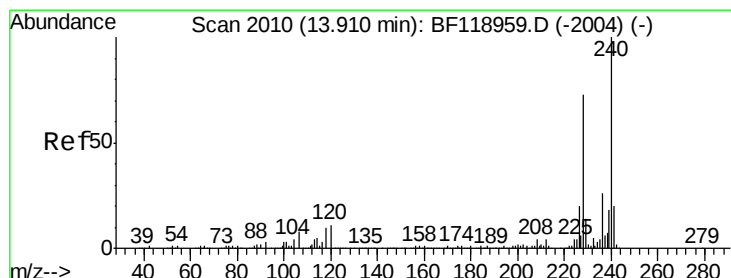
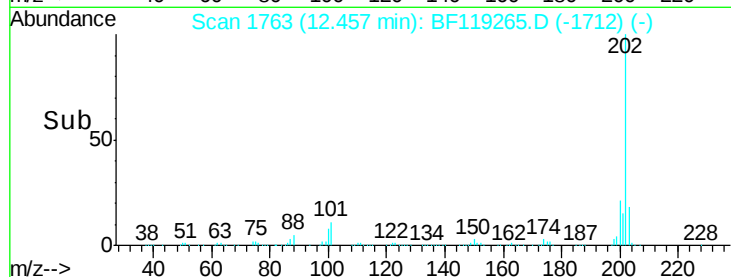
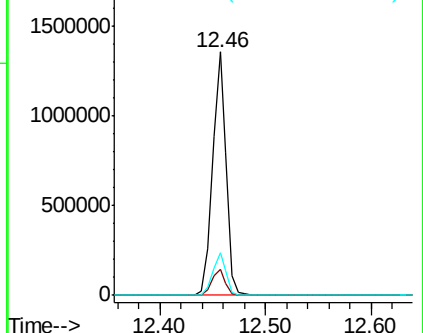
Tot Ion:	202	Resp:	1225749
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.5	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

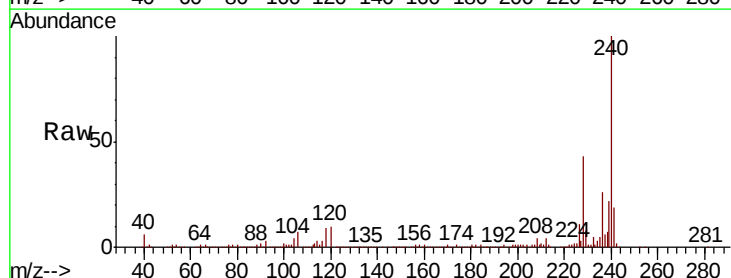
RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

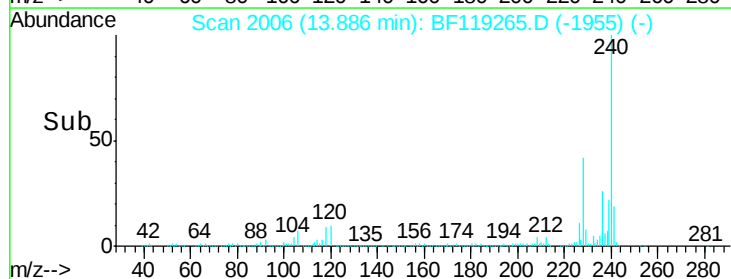
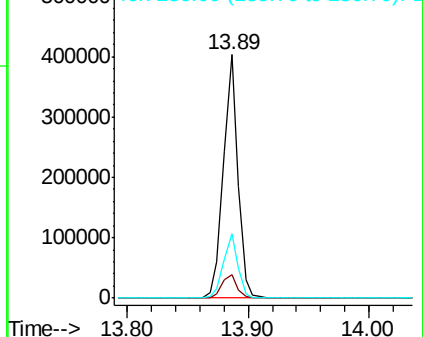
Lab File: BF119265.D

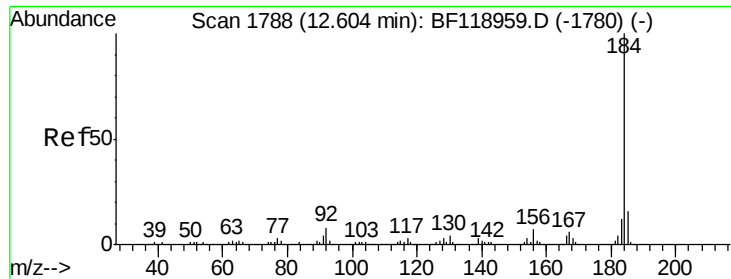
Acq: 6 Mar 2020 22:38

Tgt Ion:	240	Resp:	333995
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.4	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.667 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

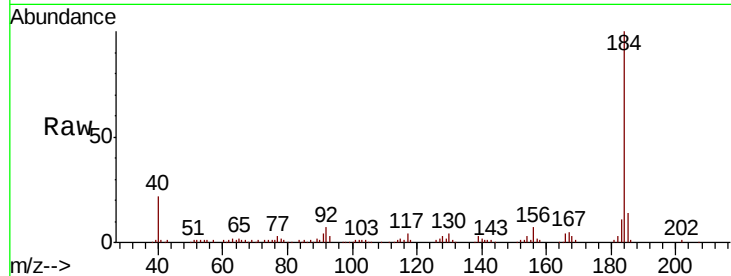
ClientSampleId :

SU-04-030420MS

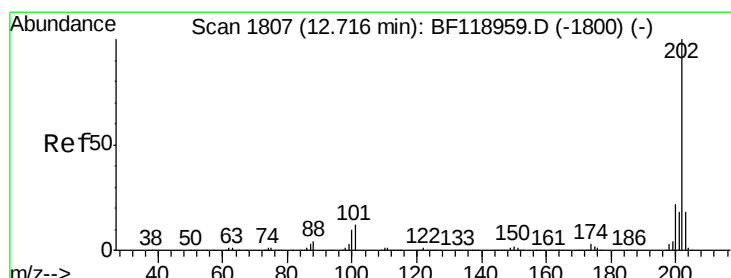
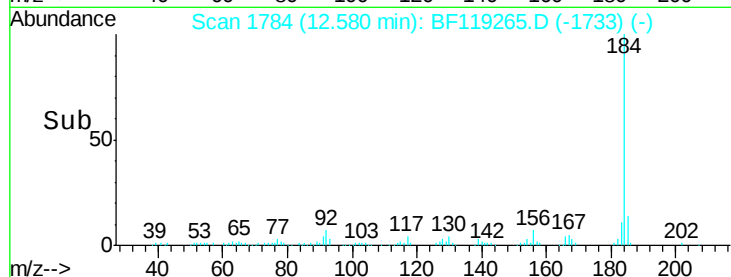
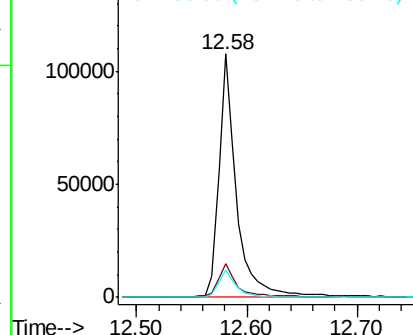
Tot Ion:	184	Resp:	117727
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.2	18.4
183	11.2	9.9	14.9

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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: 45.981 ng

RT: 12.69 min Scan# 1802

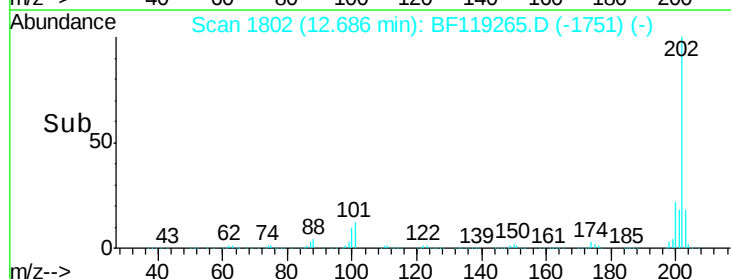
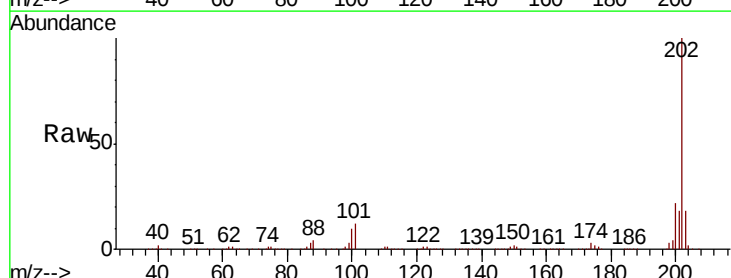
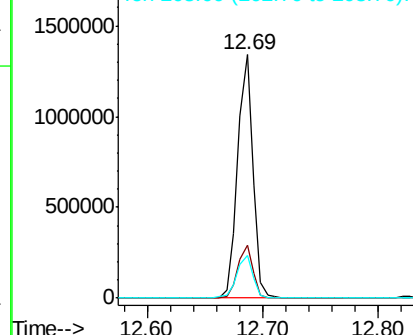
Delta R.T. 0.00 min

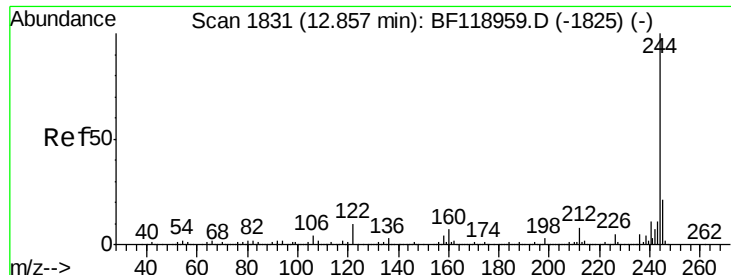
Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:	202	Resp:	1233195
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.0	27.0
203	17.7	14.6	22.0

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: 95.682 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

SU-04-030420MS

Tot Ion:244 Resp: 1856176

Ion Ratio Lower Upper

244 100

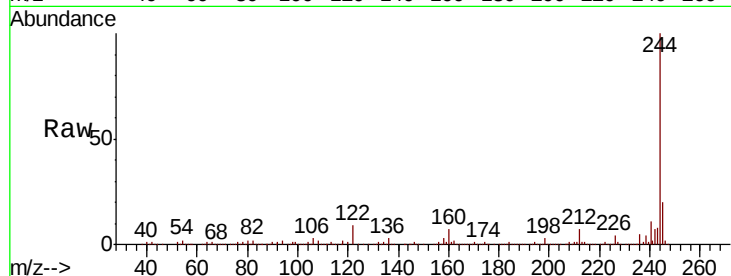
212 7.4 6.6 10.0

122 8.9 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2500000

2000000

1500000

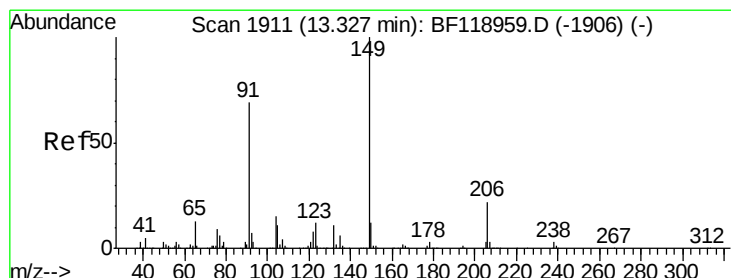
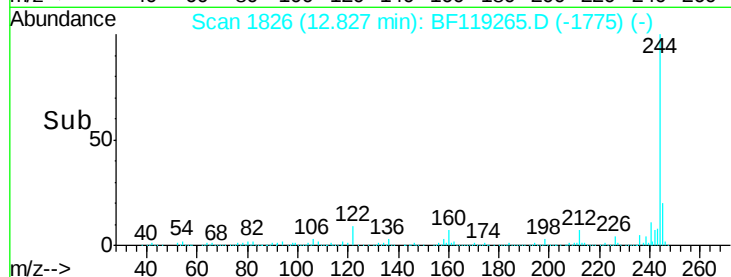
1000000

500000

0

12.83

Time--> 12.70 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 47.752 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

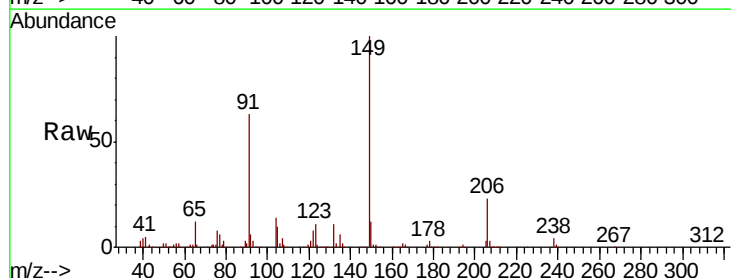
Tgt Ion:149 Resp: 538997

Ion Ratio Lower Upper

149 100

91 62.7 52.3 78.5

206 23.4 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

600000

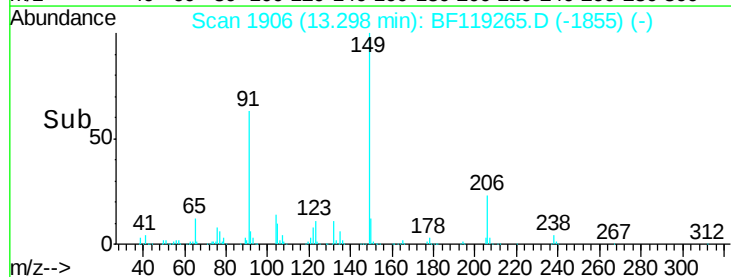
400000

200000

0

13.30

Time--> 13.25 13.30 13.35





#81

Benzo(a)anthracene

Concen: 47.838 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

SU-04-030420MS

Tot Ion:228 Resp: 1088662

Ion Ratio Lower Upper

228 100

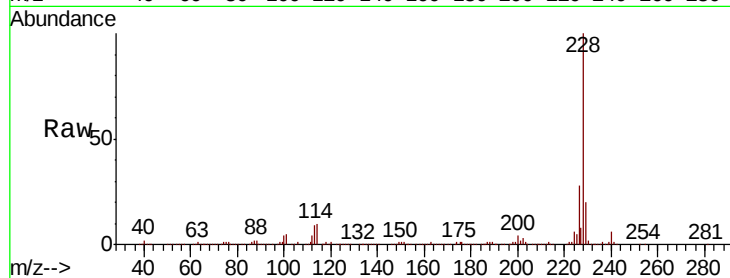
226 27.7 22.6 33.8

229 20.1 16.6 24.8

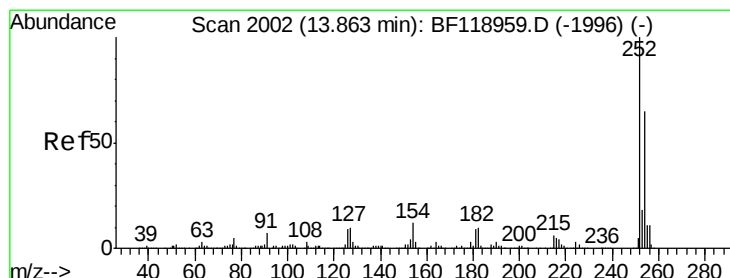
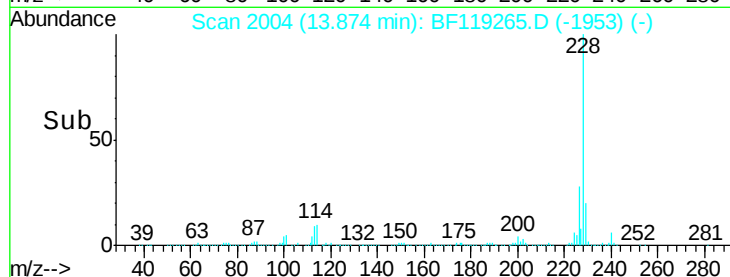
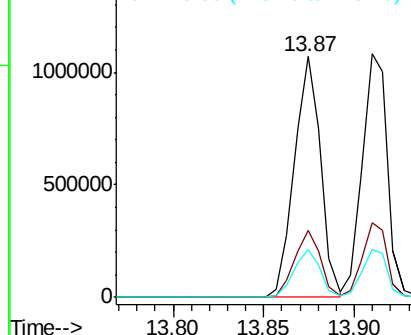
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.298 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

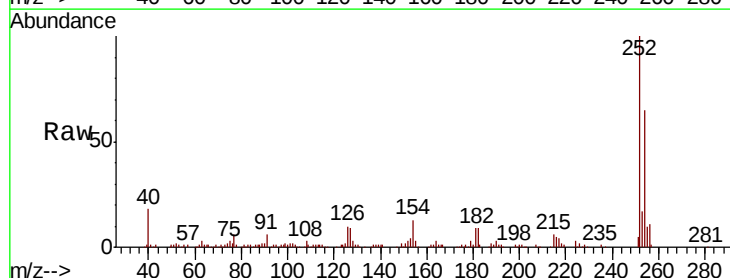
Tgt Ion:252 Resp: 135183

Ion Ratio Lower Upper

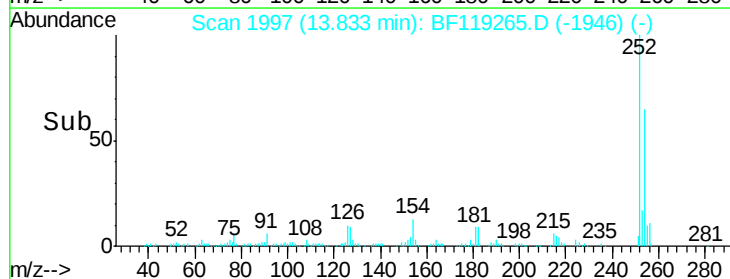
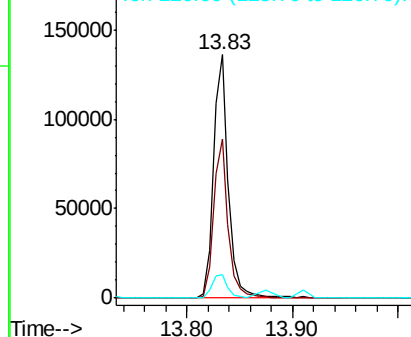
252 100

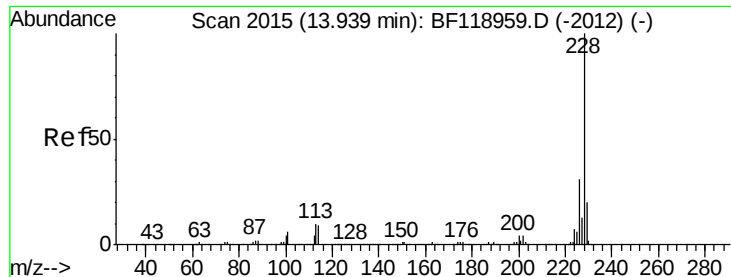
254 65.4 51.6 77.4

126 9.6 7.4 11.0



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





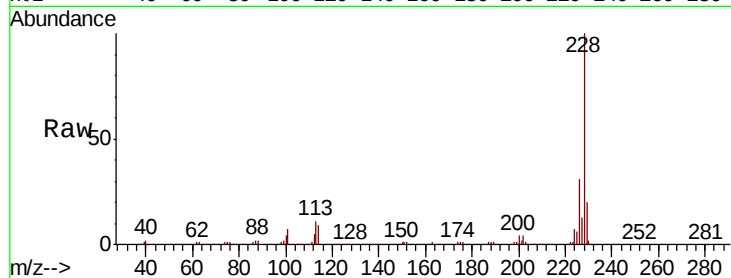
#83
Chrysene
Concen: 46.376 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	19.7	16.3	24.5

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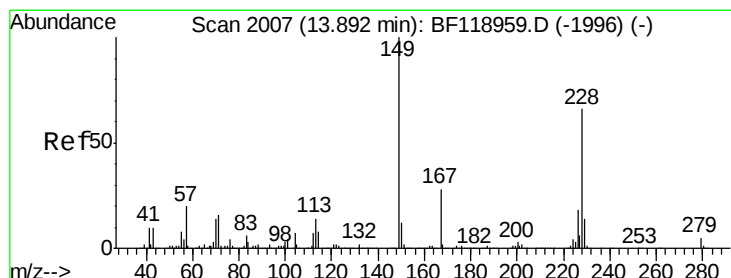
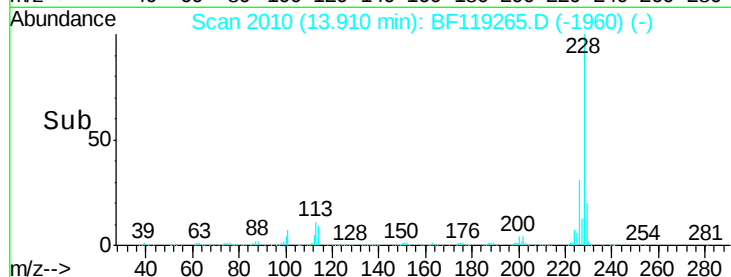
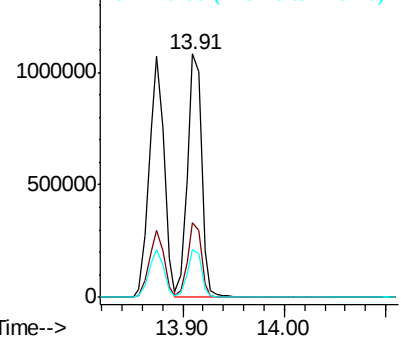


Abundance

Ion 228.00 (227.70 to 228.70): E

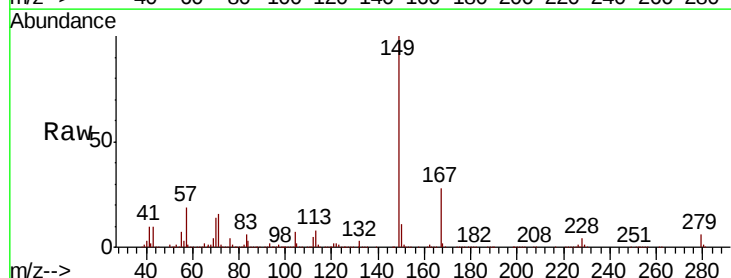
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.071 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	5.6	4.6	6.8

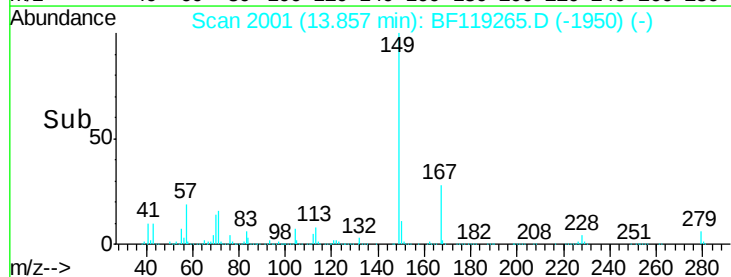
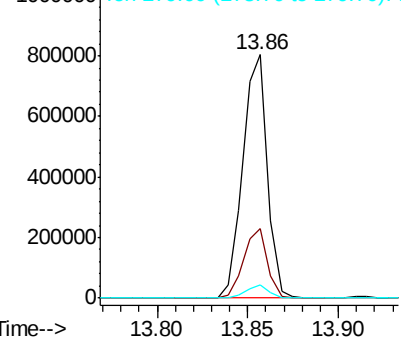


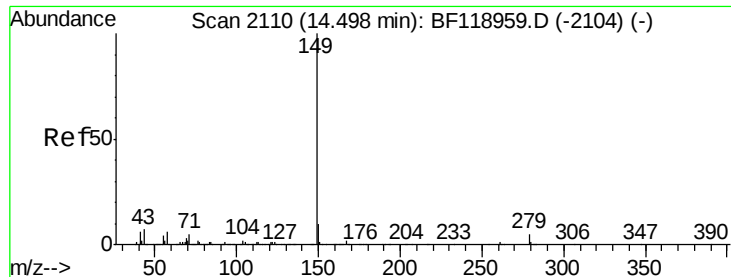
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.633 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

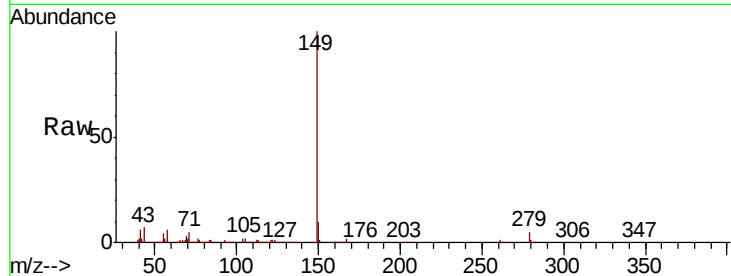
ClientSampleId :

SU-04-030420MS

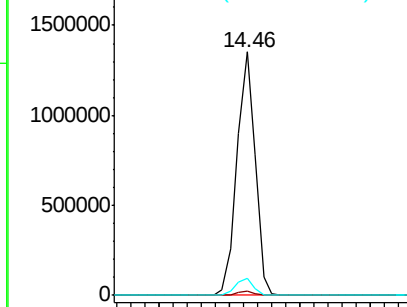
Tot Ion:	149	Resp:	1218576
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

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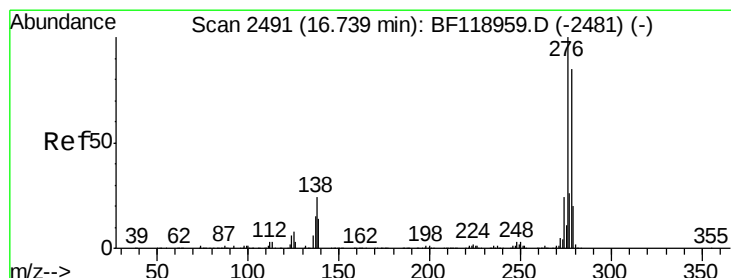
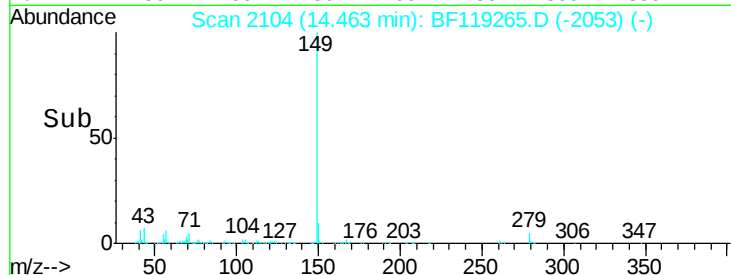
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.868 ng

RT: 16.72 min Scan# 2488

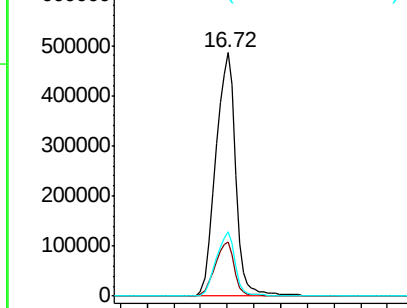
Delta R.T. 0.01 min

Lab File: BF119265.D

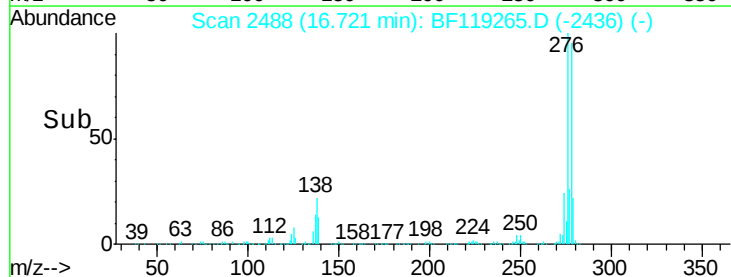
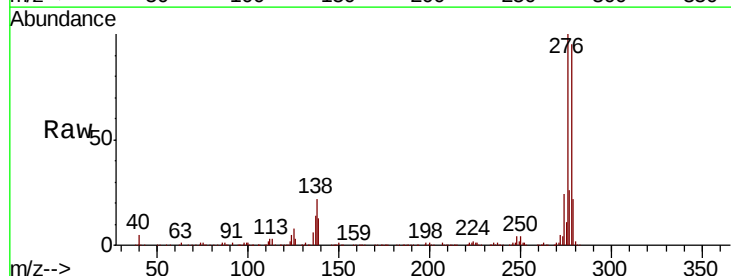
Acq: 6 Mar 2020 22:38

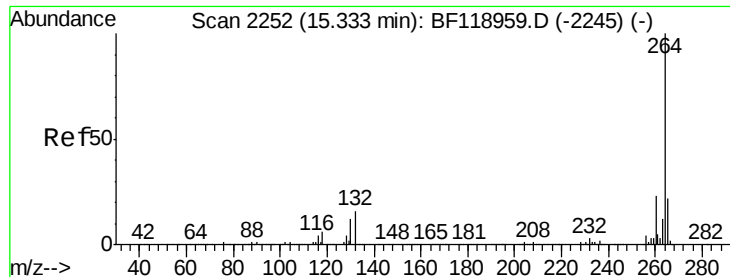
Tgt Ion:	276	Resp:	1029054
Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.4	20.3	30.5

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



Time-->





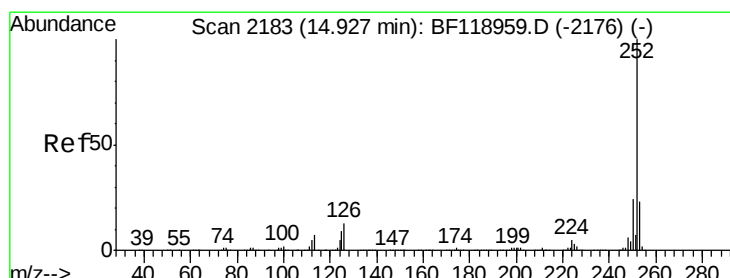
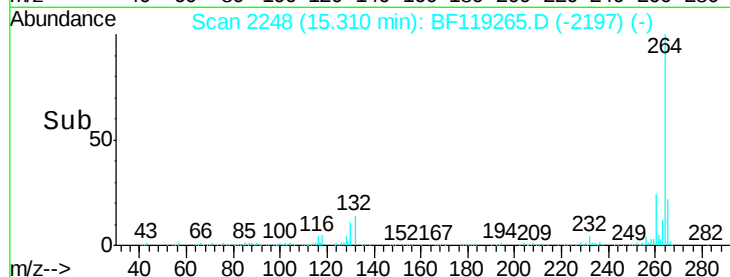
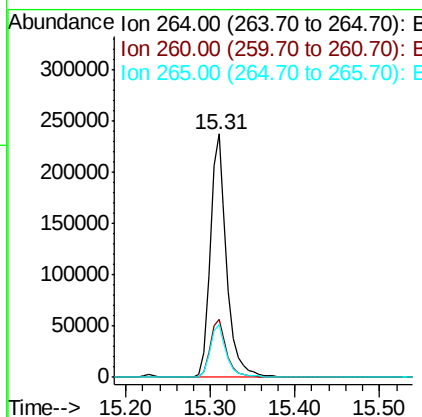
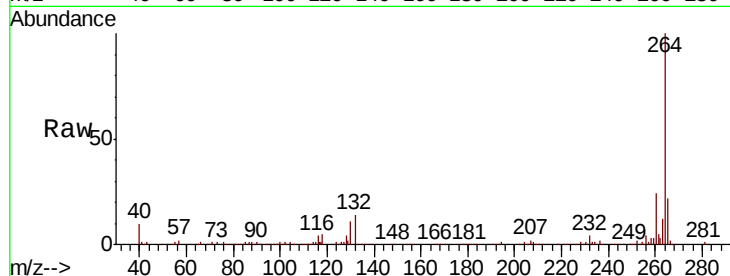
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.7	26.5

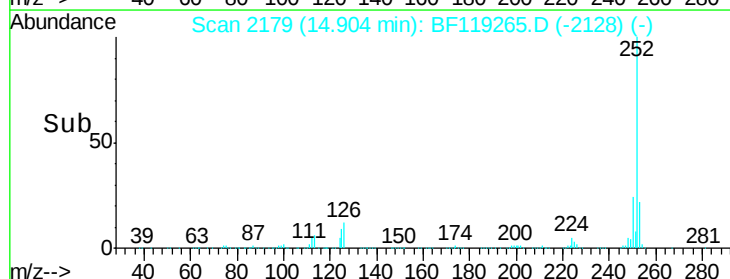
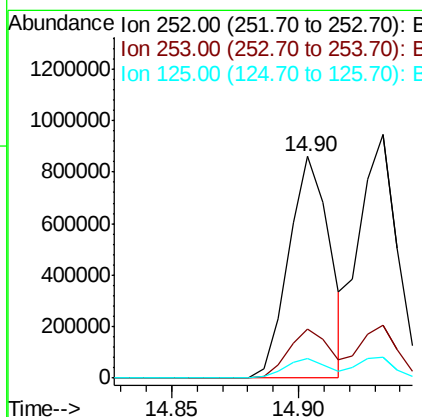
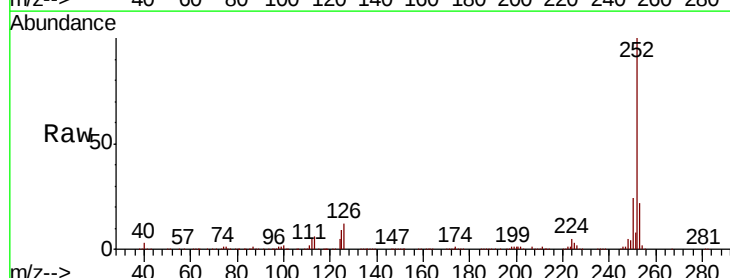
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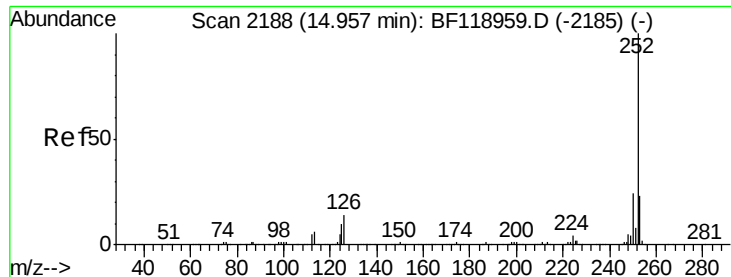
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#88
Benzo(b)fluoranthene
Concen: 45.370 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.1	7.4	11.0





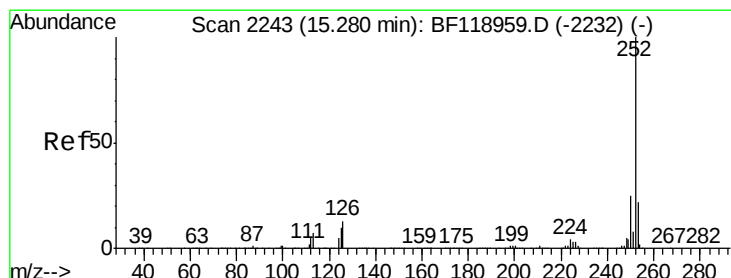
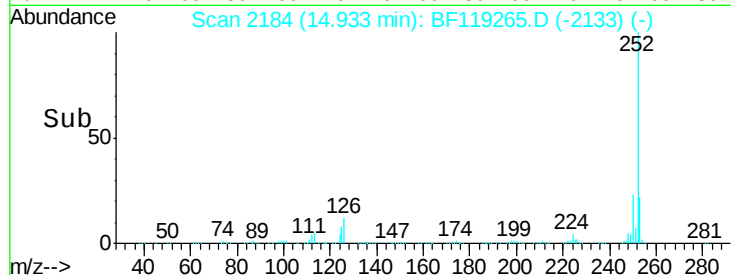
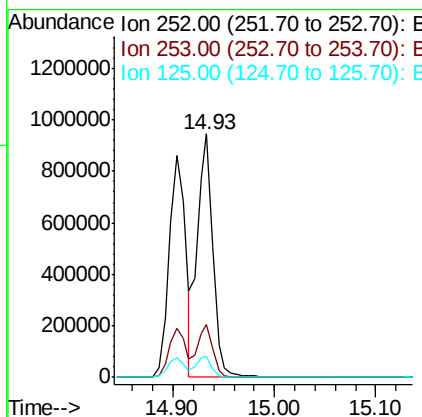
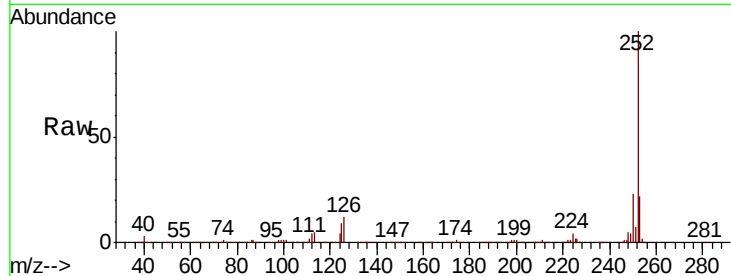
#89
Benzo(k)fluoranthene
Concen: 50.267 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.5	7.5	11.3

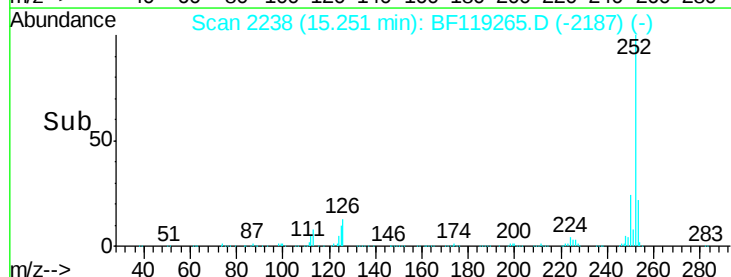
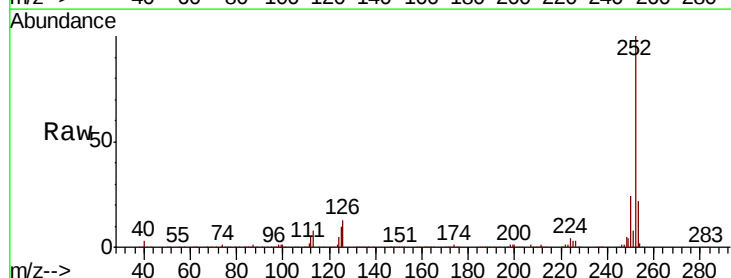
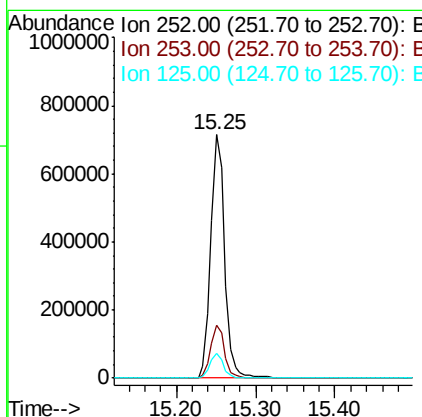
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#90
Benzo(a)pyrene
Concen: 44.987 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.2	8.6	12.8





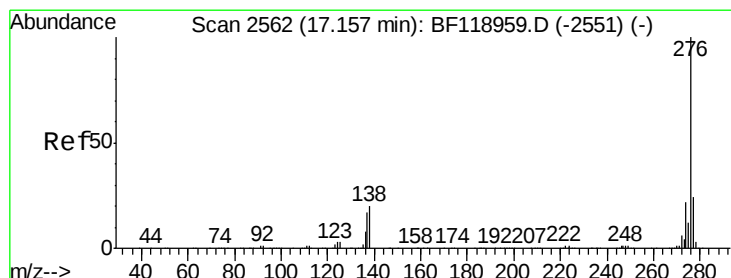
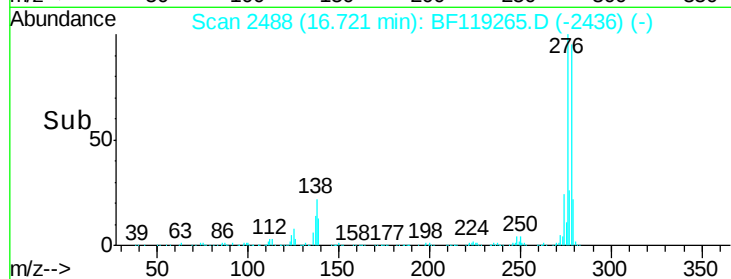
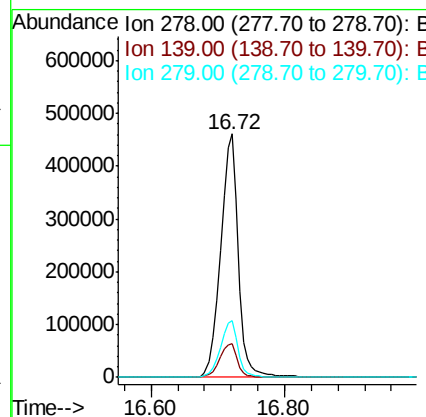
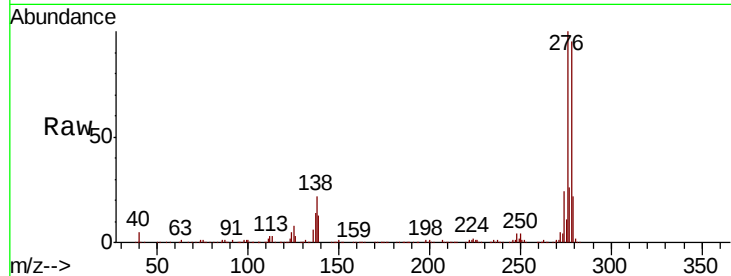
#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	23.4	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 52.057 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.4	14.3	21.5

