

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120934.D
 Acq On : 20 Jul 2020 15:39
 Operator : JU/CG
 Sample : L3344-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Quant Time: Jul 20 16:04:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188563	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	739942	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	395977	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	770939	20.00	ng	0.00
76) Chrysene-d12	13.98	240	583630	20.00	ng	0.00
86) Perylene-d12	15.43	264	600343	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	852889	74.15	ng	0.01
7) Phenol-d6	6.45	99	1075281	72.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	666749	52.14	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	335957	77.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1301879	49.09	ng	0.00
79) Terphenyl-d14	12.92	244	1371404	51.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	247921	46.833	ng	99
3) Pyridine	3.36	79	679982	48.287	ng	99
4) n-Nitrosodimethylamine	3.32	42	306906	50.967	ng	91
6) Aniline	6.48	93	678872	35.003	ng	98
8) 2-Chlorophenol	6.60	128	667313	52.664	ng	96
9) Benzaldehyde	6.36	77	168270	20.142	ng	97
10) Phenol	6.46	94	812939	49.739	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	617884	49.328	ng	99
12) 1,3-Dichlorobenzene	6.76	146	662396	48.209	ng	99
13) 1,4-Dichlorobenzene	6.83	146	656185	48.028	ng	100
14) 1,2-Dichlorobenzene	6.99	146	637294	49.306	ng	99
15) Benzyl Alcohol	6.96	79	526641	50.121	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	874248	48.423	ng	99
17) 2-Methylphenol	7.07	107	526305	46.862	ng	99
18) Hexachloroethane	7.33	117	250238	50.604	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	408376	48.336	ng	99
20) 3+4-Methylphenols	7.23	107	572515	40.073	ng	91
22) Acetophenone	7.23	105	770830	46.417	ng	# 93
24) Nitrobenzene	7.40	77	671525	48.722	ng	98
25) Isophorone	7.65	82	1249156	48.945	ng	100
26) 2-Nitrophenol	7.72	139	359295	54.889	ng	98
27) 2,4-Dimethylphenol	7.76	122	564499	53.115	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	791681	50.817	ng	99
29) 2,4-Dichlorophenol	7.96	162	553130	50.932	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	581711	48.279	ng	97
31) Naphthalene	8.12	128	1805221	47.561	ng	99
32) Benzoic acid	7.90	122	428906	53.761	ng	98
33) 4-Chloroaniline	8.17	127	414413	24.476	ng	99
34) Hexachlorobutadiene	8.24	225	334967	47.159	ng	99
35) Caprolactam	8.56	113	124957	35.880	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	582005	52.253	ng	99
37) 2-Methylnaphthalene	8.82	142	1222199	49.593	ng	98
38) 1-Methylnaphthalene	8.92	142	1160562	49.722	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	523825	45.404	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	626348	98.231	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	418680	51.542	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	442476	48.020	nq	99
46) 1,1'-Biphenyl	9.28	154	1425180	47.183	nq	99
47) 2-Chloronaphthalene	9.30	162	1141504	46.353	nq	98
48) 2-Nitroaniline	9.40	65	373002	50.120	nq	99
49) Acenaphthylene	9.72	152	1794579	46.908	nq	99
50) Dimethylphthalate	9.59	163	1570838	54.987	nq	99
51) 2,6-Dinitrotoluene	9.65	165	319408	52.043	nq	91
52) Acenaphthene	9.89	154	1109042	45.596	nq	98
53) 3-Nitroaniline	9.81	138	212787	27.644	nq	100
54) 2,4-Dinitrophenol	9.92	184	326462	91.351	nq	# 81
55) Dibenzofuran	10.06	168	1609060	45.746	nq	100
56) 4-Nitrophenol	9.98	139	584417	99.949	nq	99
57) 2,4-Dinitrotoluene	10.05	165	427217	53.006	nq	98
58) Fluorene	10.41	166	1140050	43.458	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	372700	53.124	nq	98
60) Diethylphthalate	10.29	149	1375676	47.609	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	560183	40.035	nq	98
62) 4-Nitroaniline	10.43	138	346099	46.158	nq	99
63) Azobenzene	10.56	77	1293574	47.024	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	232764	51.834	nq	96
66) n-Nitrosodiphenylamine	10.52	169	1162094	47.917	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	404206	47.026	nq	95
68) Hexachlorobenzene	10.95	284	452608	48.678	nq	95
69) Atrazine	11.05	200	354331	58.994	nq	98
70) Pentachlorophenol	11.15	266	511006	95.934	nq	100
71) Phenanthrene	11.37	178	1796847	45.318	nq	99
72) Anthracene	11.42	178	1838329	46.173	nq	99
73) Carbazole	11.57	167	1782281	45.108	nq	98
74) Di-n-butylphthalate	11.90	149	2125806	46.622	nq	99
75) Fluoranthene	12.56	202	2018088	45.919	nq	98
77) Benzidine	12.67	184	913070	59.504	nq	99
78) Pyrene	12.79	202	2040275	49.446	nq	99
80) Butylbenzylphthalate	13.40	149	951665	51.737	nq	98
81) Benzo(a)anthracene	13.97	228	1592134	45.050	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	509815	38.236	nq	99
83) Chrysene	14.01	228	1762551	47.456	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1057371	46.616	nq	# 99
85) Di-n-octyl phthalate	14.57	149	2197034	48.686	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1743257	41.753	nq	100
88) Benzo(b)fluoranthene	15.01	252	2009573	55.378	nq	99
89) Benzo(k)fluoranthene	15.04	252	1605174	48.502	nq	99
90) Benzo(a)pyrene	15.37	252	1658057	50.080	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1438440	42.177	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1375920	40.917	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

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ClientSampleId :

TP-15-SMSD

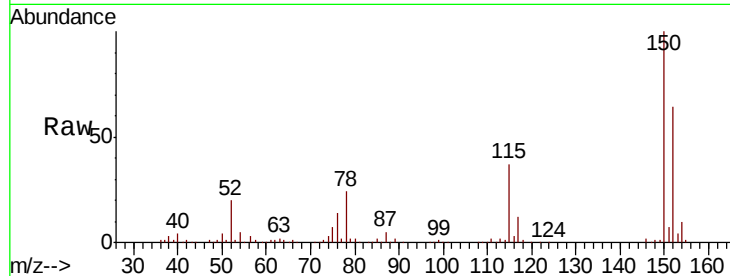
Tot Ion:152 Resp: 188563

Ion Ratio Lower Upper

152 100

150 155.1 125.0 187.6

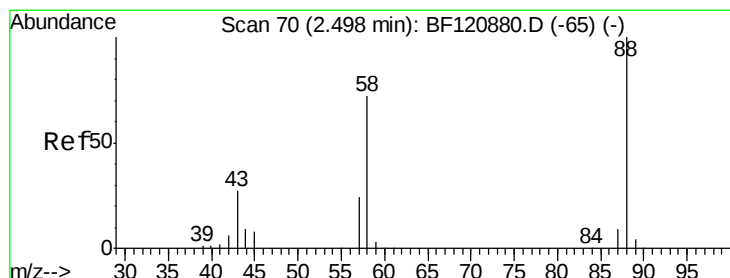
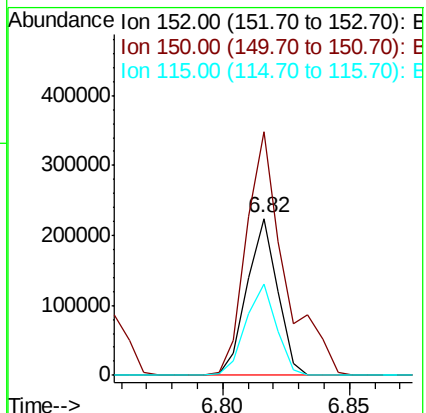
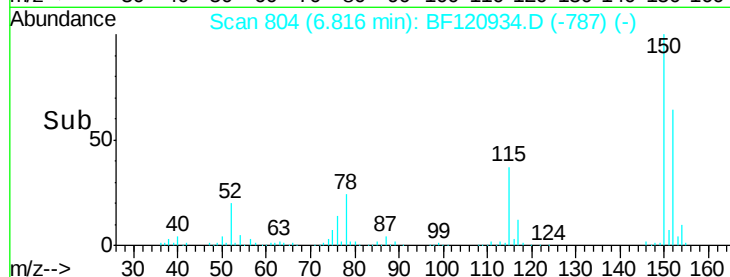
115 58.0 47.0 70.4



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: 46.833 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.12 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

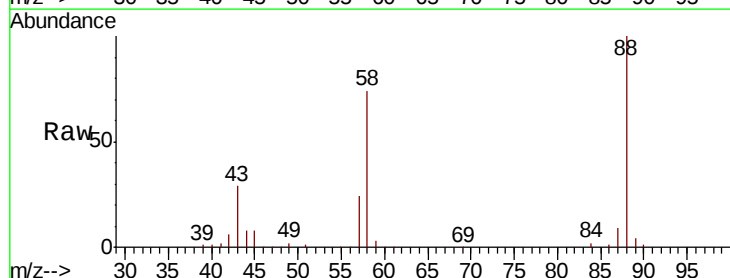
Tgt Ion: 88 Resp: 247921

Ion Ratio Lower Upper

88 100

58 72.4 58.2 87.2

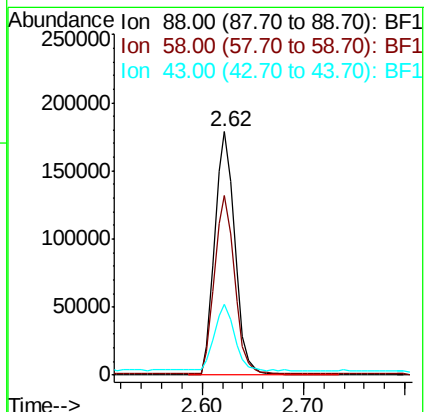
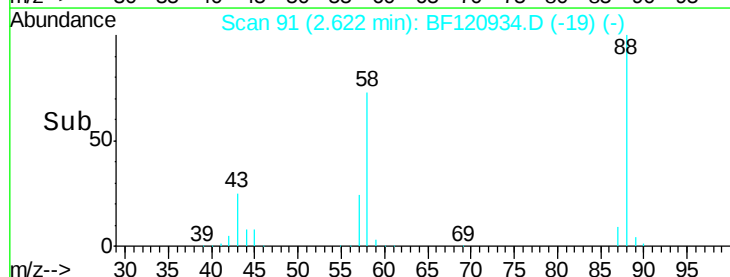
43 27.2 22.1 33.1



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

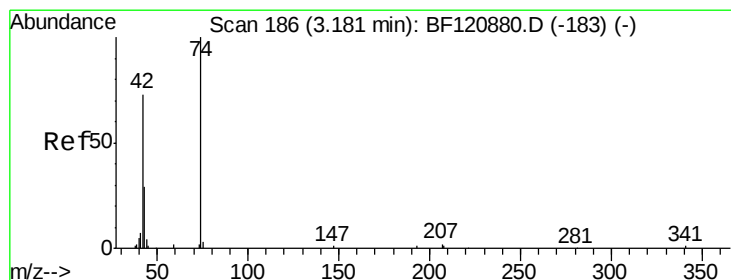
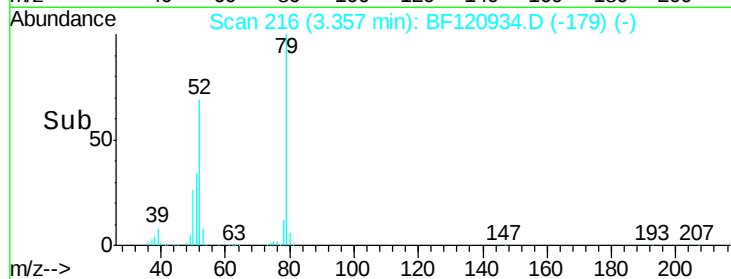
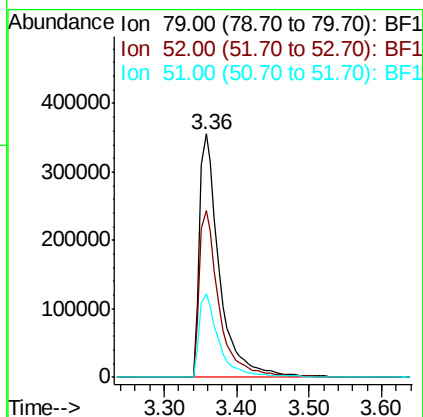
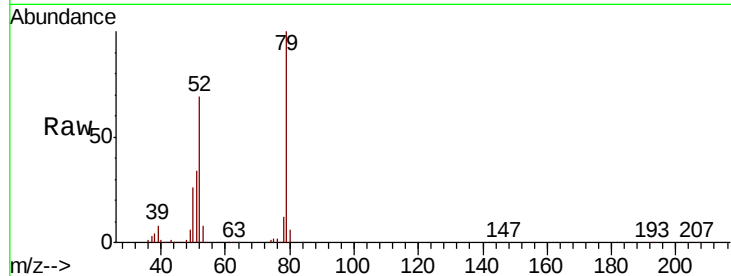




#3
 Pvridine
 Concen: 48.287 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.12 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

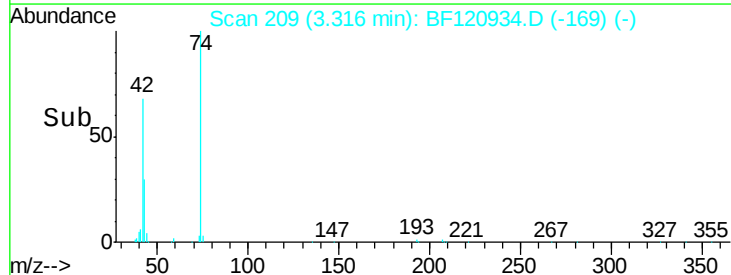
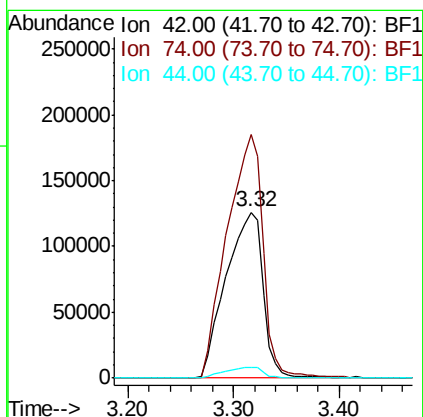
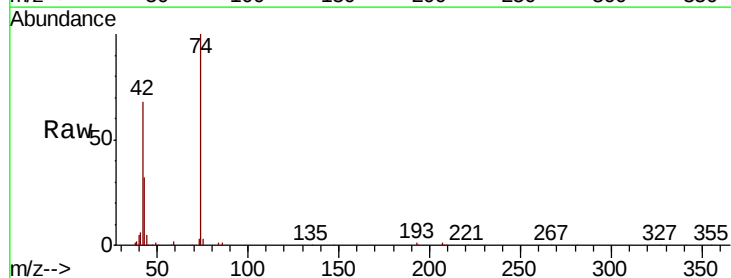
Instrument :
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 ClientSampleId :
 TP-15-SMSD

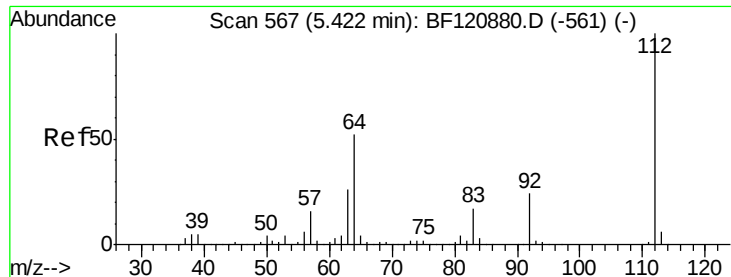
Tot Ion: 79 Resp: 679982
 Ion Ratio Lower Upper
 79 100
 52 68.6 55.0 82.6
 51 34.3 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 50.967 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion: 42 Resp: 306906
 Ion Ratio Lower Upper
 42 100
 74 146.5 108.7 163.1
 44 6.7 5.2 7.8





#5

2-Fluorophenol

Concen: 74.150 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

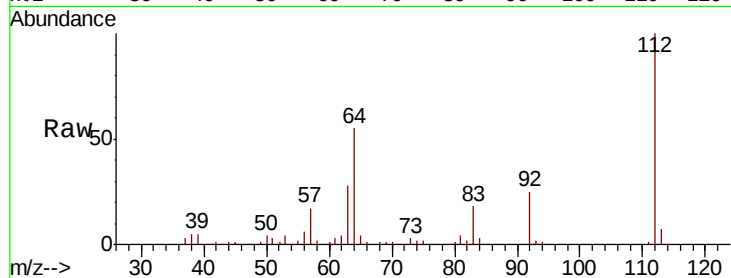
Tot Ion: 112 Resp: 852889

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

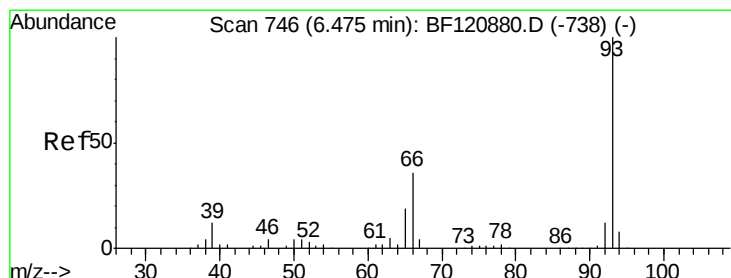
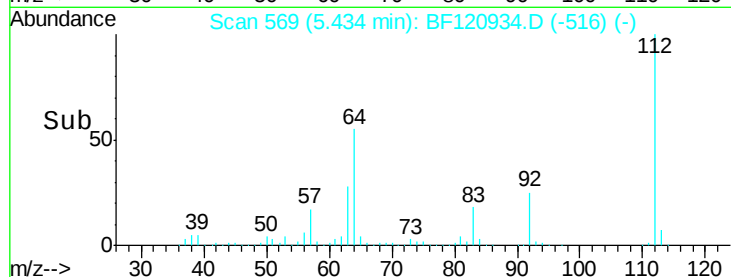
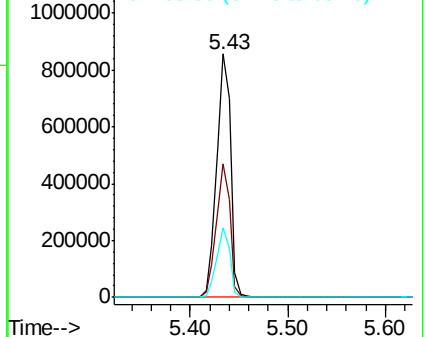
63 28.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.003 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

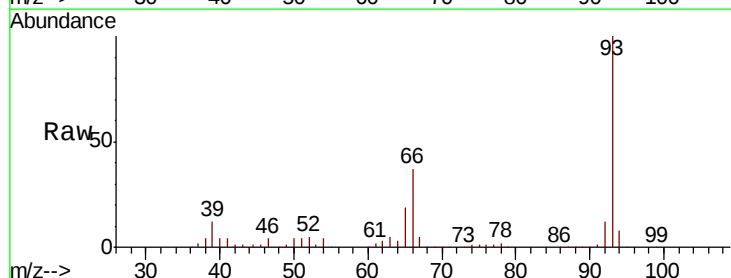
Tgt Ion: 93 Resp: 678872

Ion Ratio Lower Upper

93 100

66 36.6 30.2 45.4

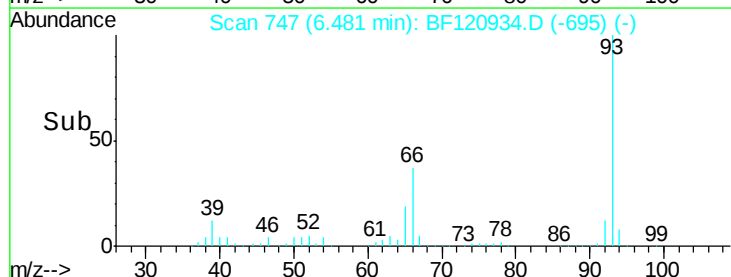
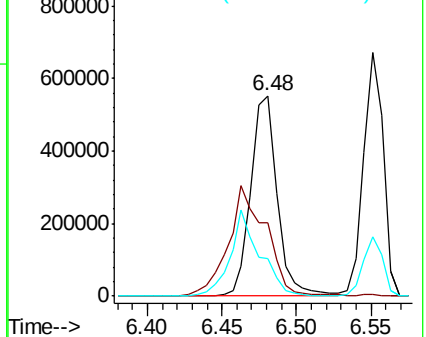
65 18.8 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.371 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

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ClientSampled :

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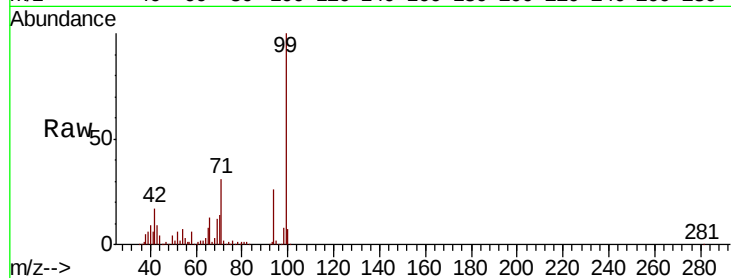
Tot Ion: 99 Resp: 1075281

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

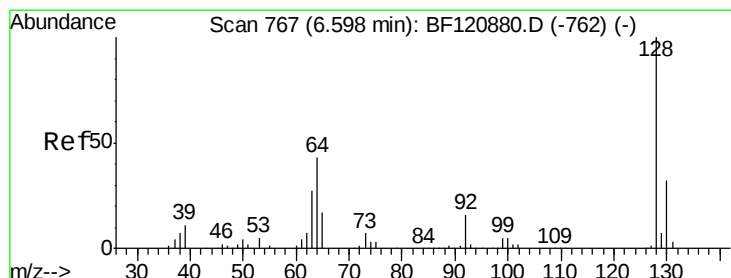
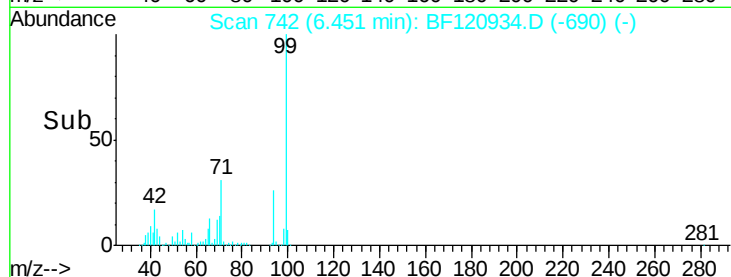
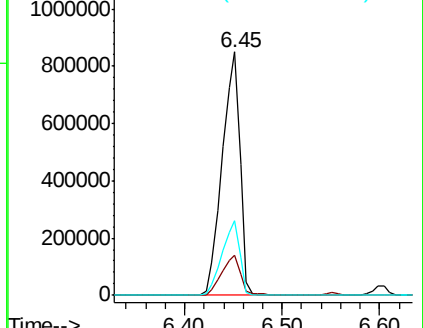
71 30.6 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.664 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

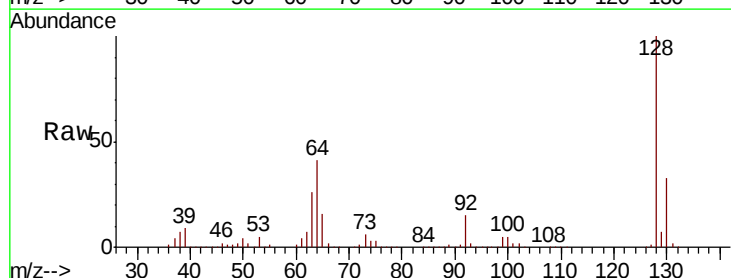
Tgt Ion: 128 Resp: 667313

Ion Ratio Lower Upper

128 100

130 33.4 12.1 52.1

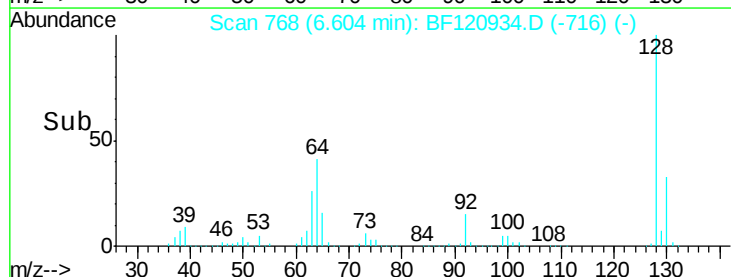
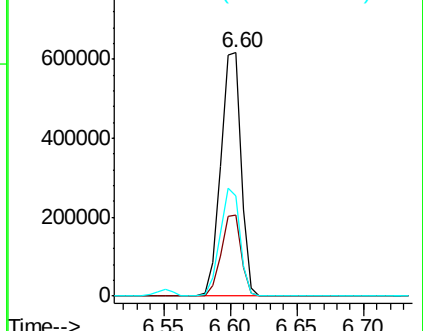
64 41.2 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.142 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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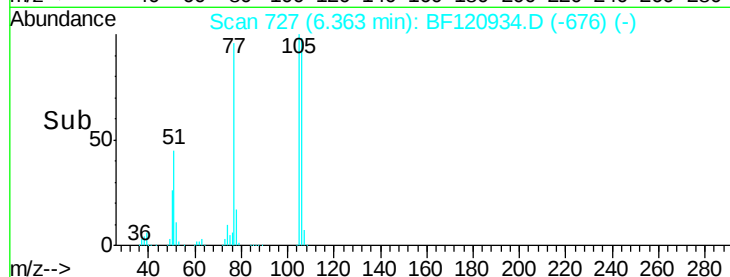
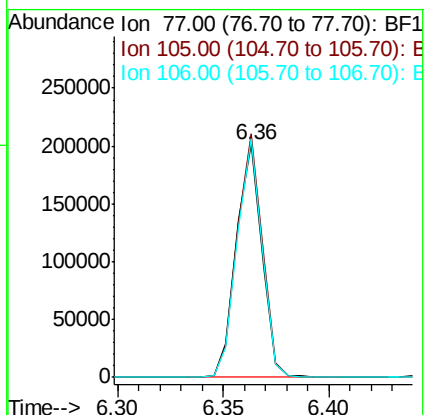
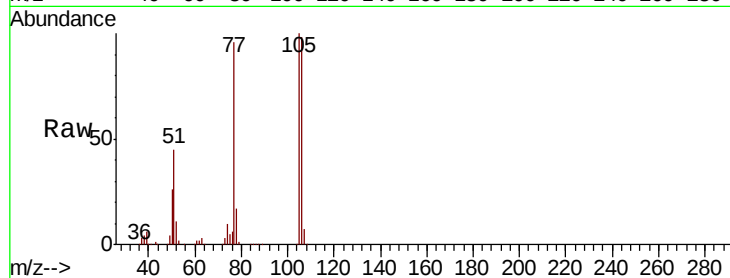
Tot Ion: 77 Resp: 168270

Ion Ratio Lower Upper

77 100

105 104.3 82.5 122.5

106 102.1 78.7 118.7



#10

Phenol

Concen: 49.739 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

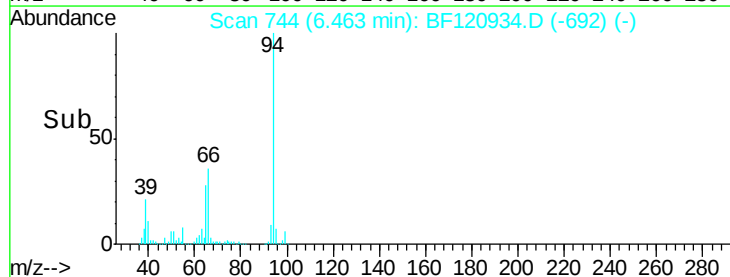
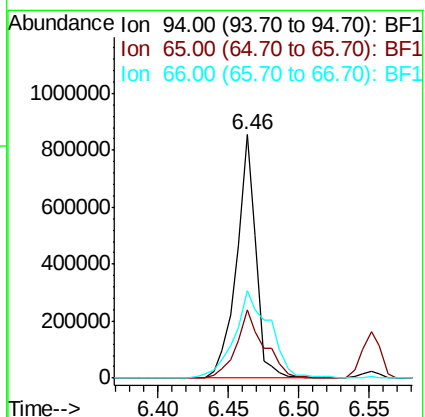
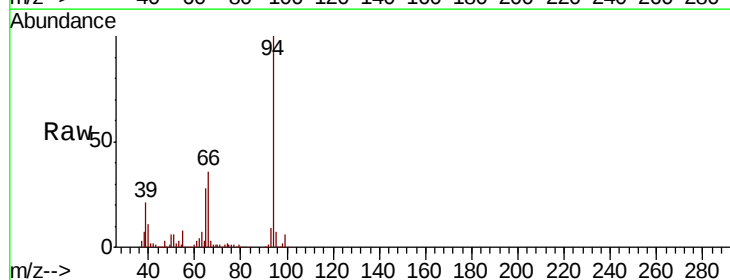
Tgt Ion: 94 Resp: 812939

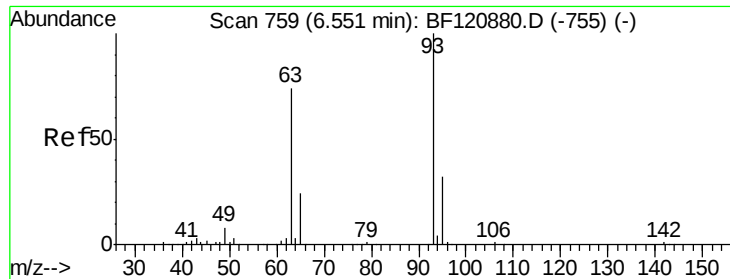
Ion Ratio Lower Upper

94 100

65 28.0 6.6 46.6

66 35.8 13.2 53.2

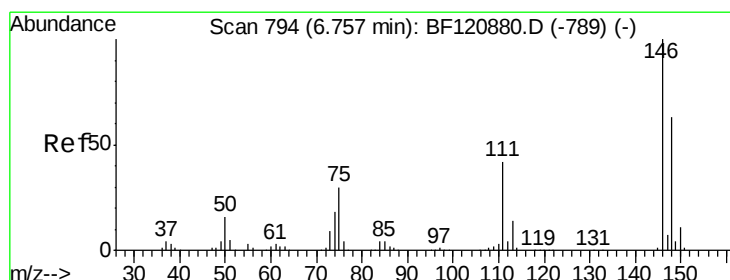
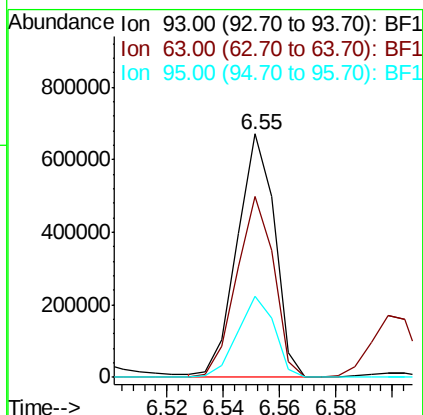
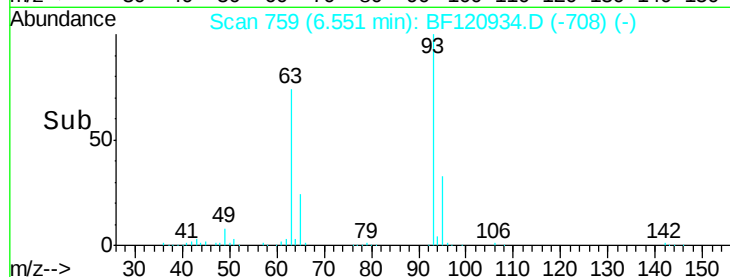
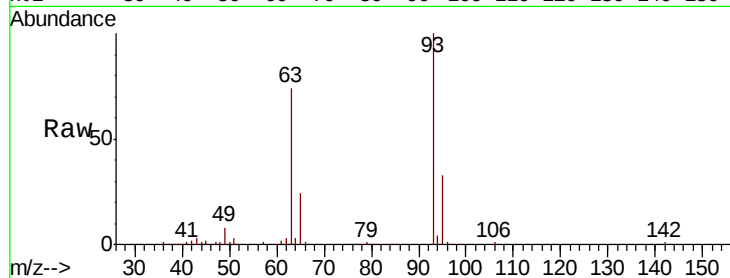




#11
bis(2-Chloroethyl)ether
Concen: 49.328 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

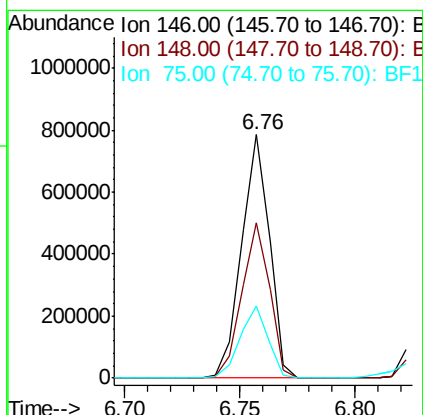
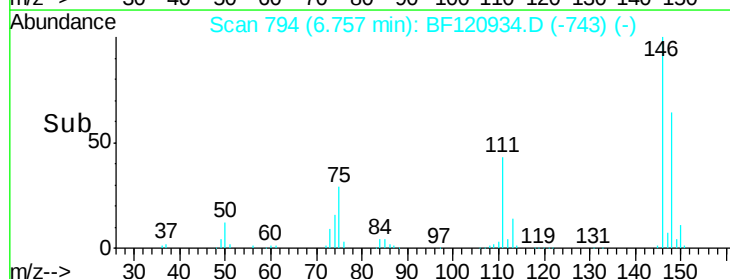
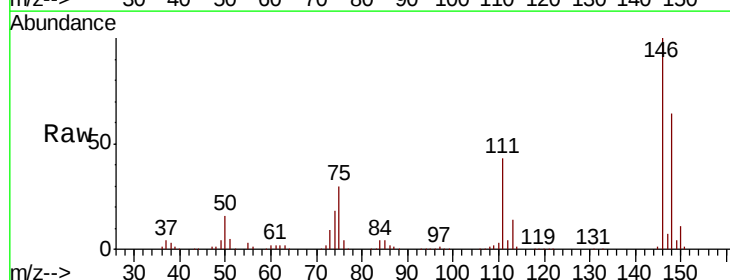
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

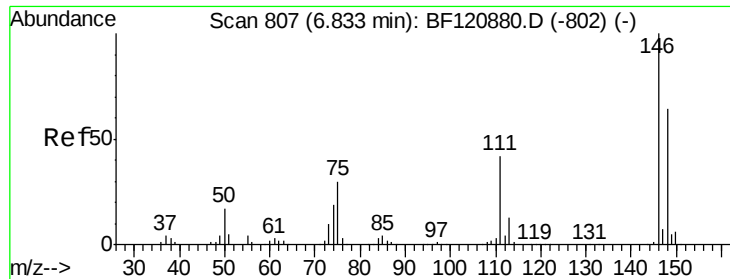
Tot Ion: 93 Resp: 617884
Ion Ratio Lower Upper
93 100
63 74.5 54.2 94.2
95 33.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.209 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion: 146 Resp: 662396
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 29.5 24.1 36.1

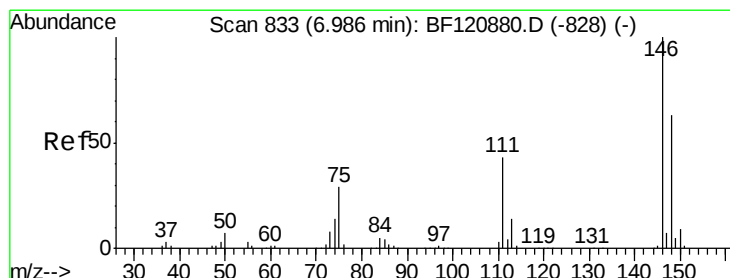
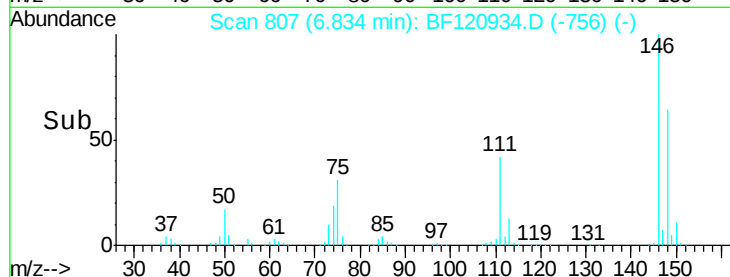
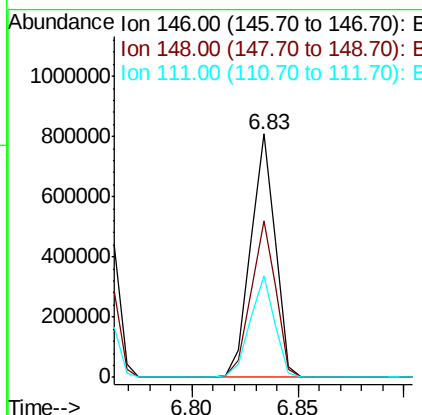
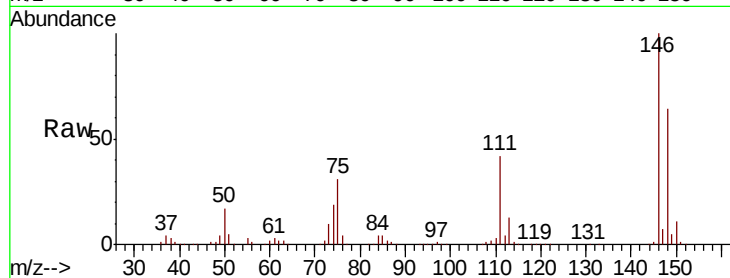




#13
 1,4-Dichlorobenzene
 Concen: 48.028 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

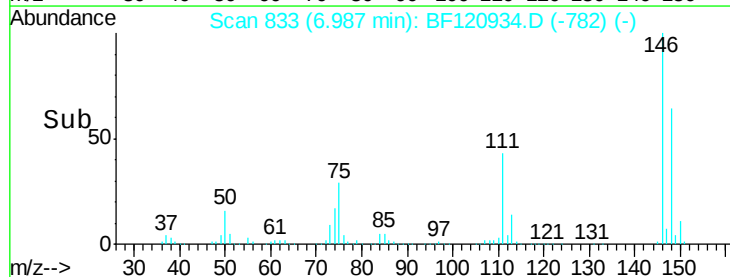
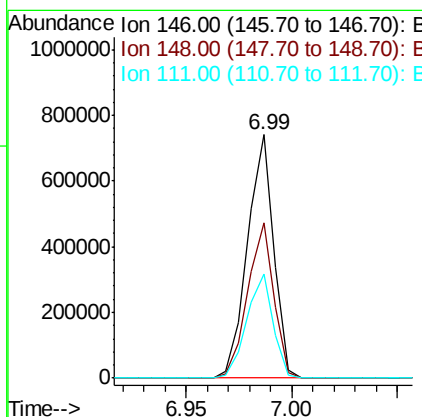
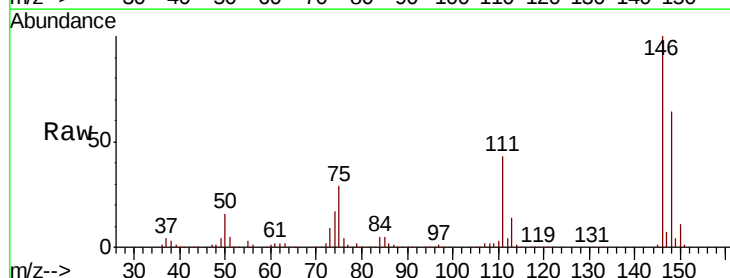
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

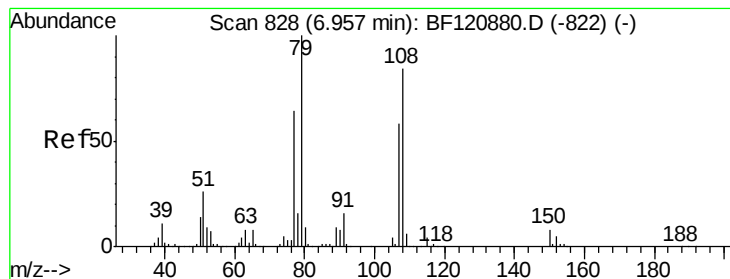
Tot Ion:146 Resp: 656185
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 41.6 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 49.306 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:146 Resp: 637294
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 42.9 34.2 51.2





#15

Benzyl Alcohol

Concen: 50.121 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

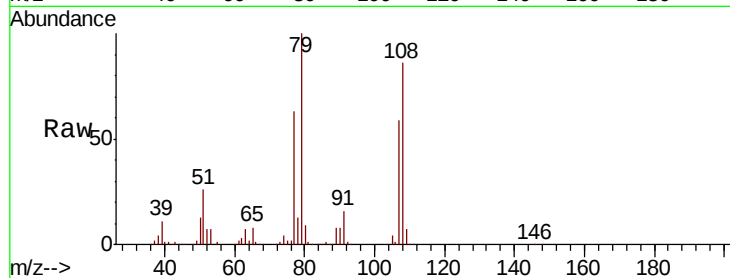
Tot Ion: 79 Resp: 526641

Ion Ratio Lower Upper

79 100

108 85.5 67.0 100.6

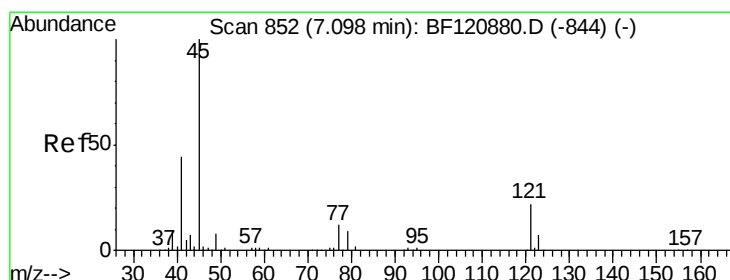
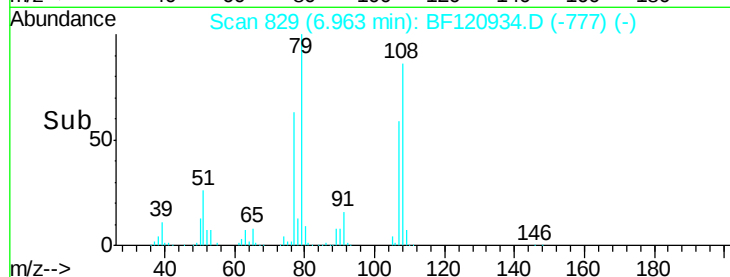
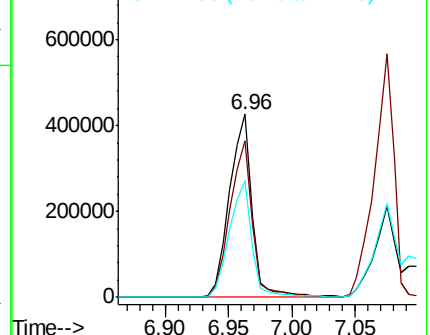
77 63.4 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.423 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

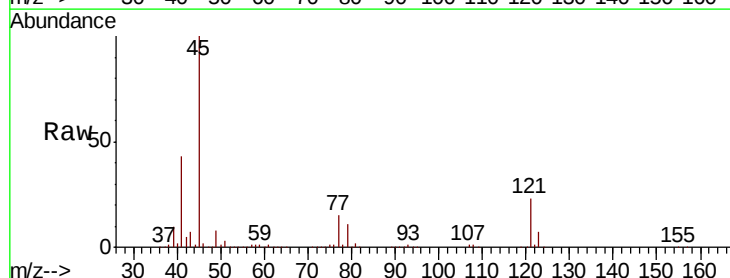
Tgt Ion: 45 Resp: 874248

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

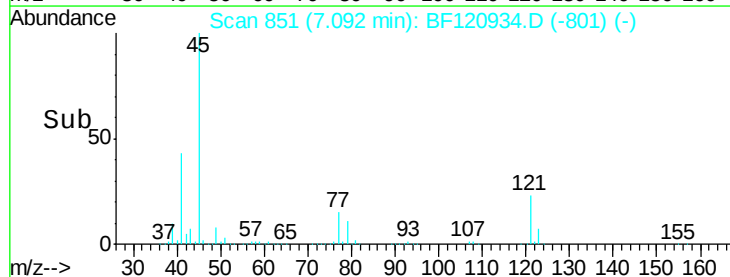
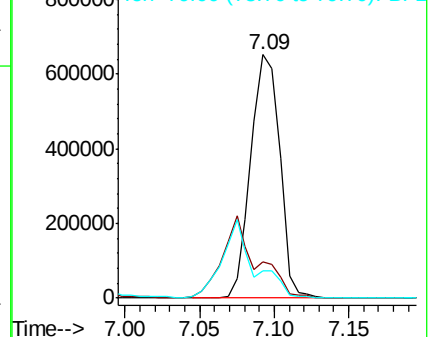
79 11.2 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

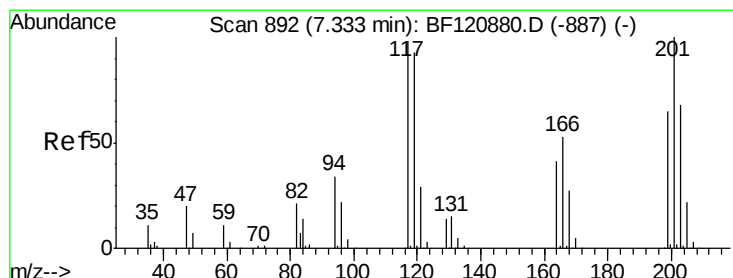
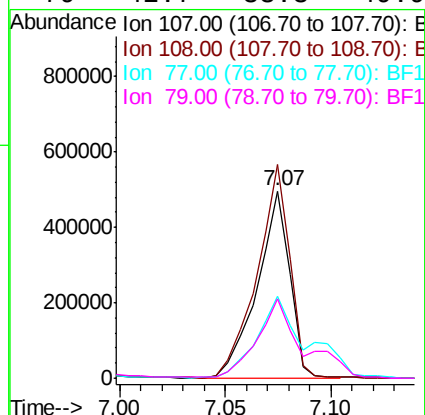
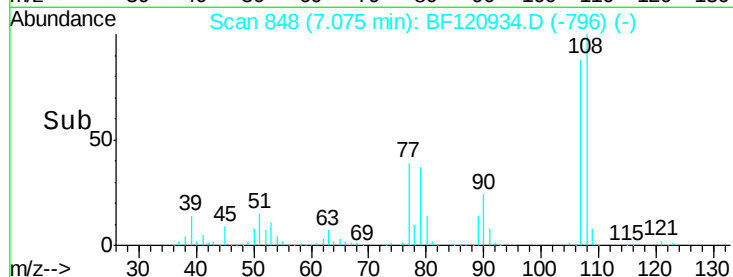
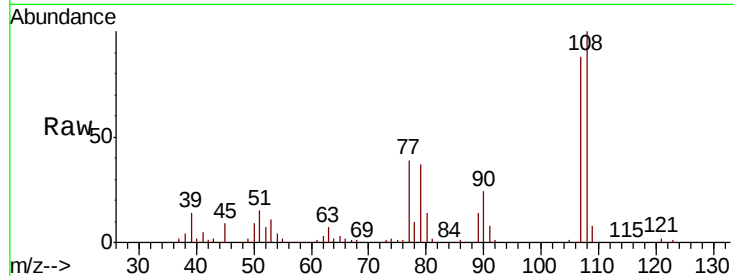




#17
2-Methylphenol
Concen: 46.862 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

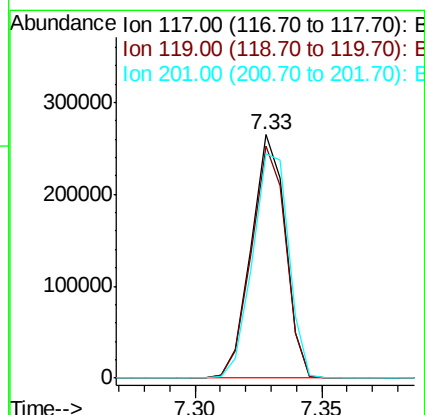
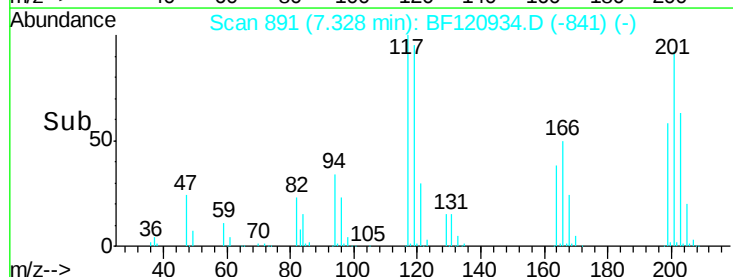
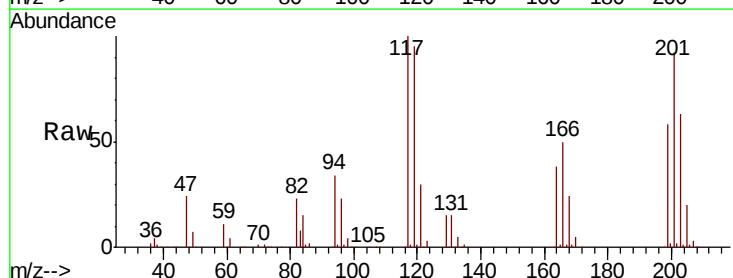
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

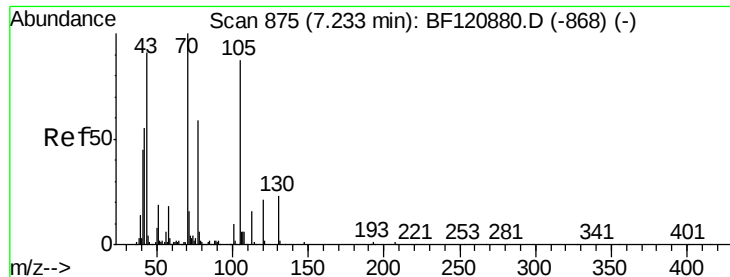
Tot Ion:107 Resp: 526305
Ion Ratio Lower Upper
107 100
108 114.3 92.0 138.0
77 44.2 34.0 51.0
79 42.7 33.3 49.9



#18
Hexachloroethane
Concen: 50.604 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:117 Resp: 250238
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
201 92.2 81.7 122.5

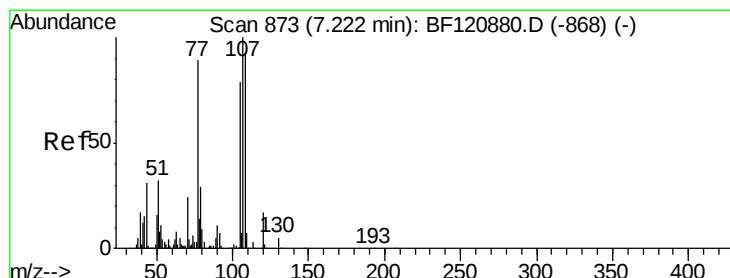
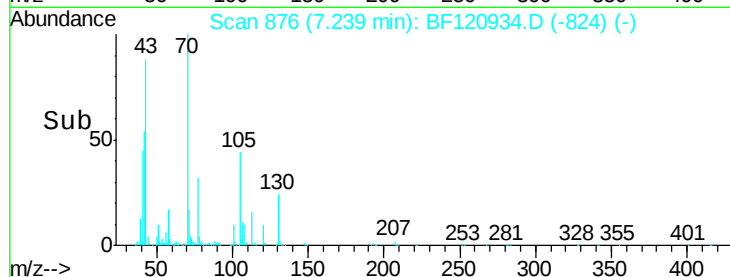
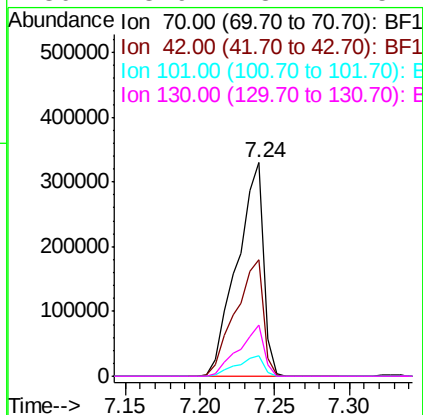
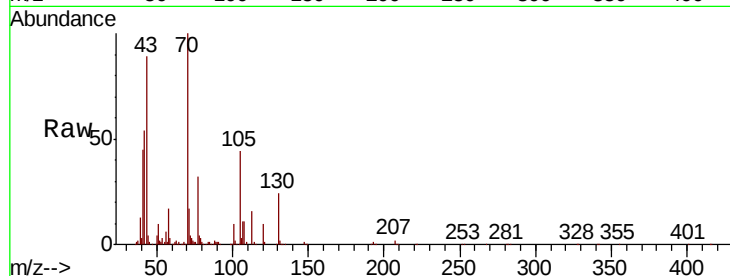




#19
n-Nitroso-di-n-propylamine
Concen: 48.336 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

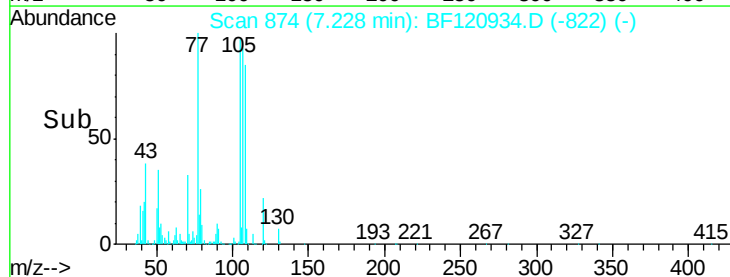
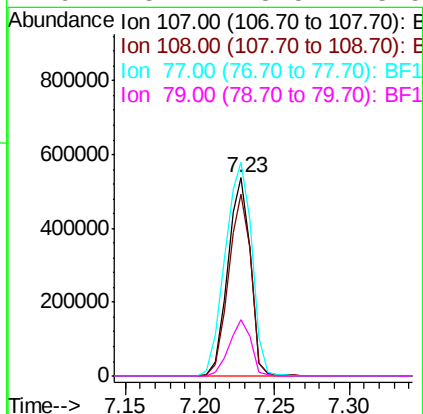
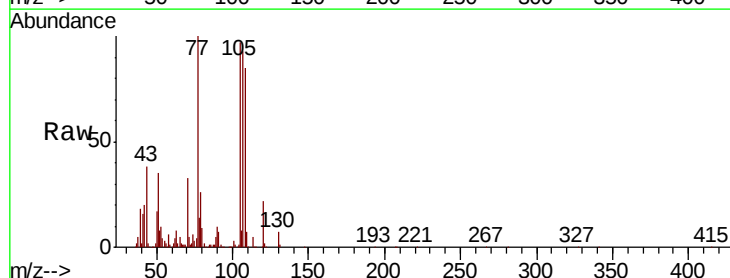
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

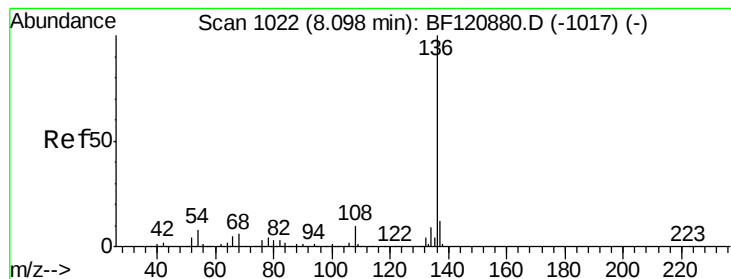
Tot Ion: 70 Resp: 408376
Ion Ratio Lower Upper
70 100
42 54.4 44.0 66.0
101 9.6 7.8 11.6
130 23.9 18.7 28.1



#20
3+4-Methylphenols
Concen: 40.073 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion: 107 Resp: 572515
Ion Ratio Lower Upper
107 100
108 91.5 72.8 112.8
77 107.7 68.7 108.7
79 28.4 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:136 Resp: 739942

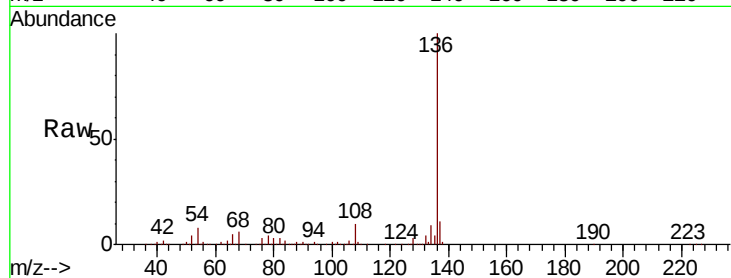
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.8 6.3 9.5

68 6.2 5.0 7.4

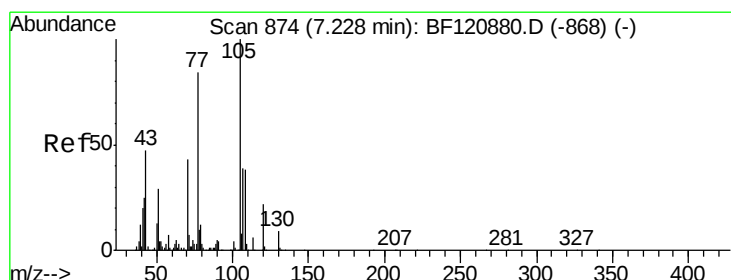
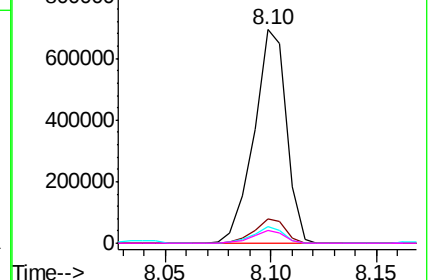
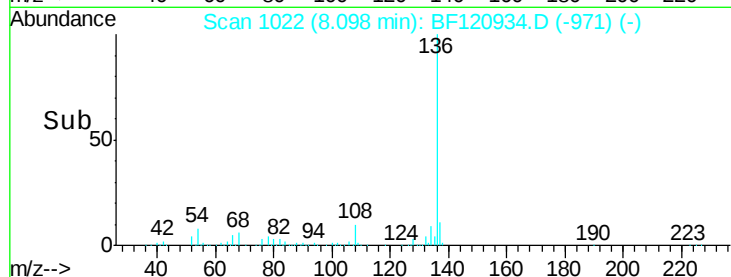


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.417 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:105 Resp: 770830

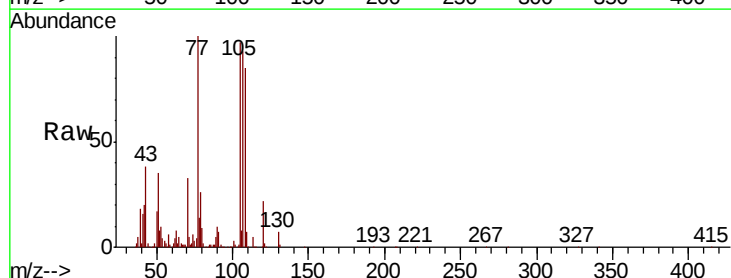
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 36.1 22.9 34.3#

120 22.5 18.0 27.0

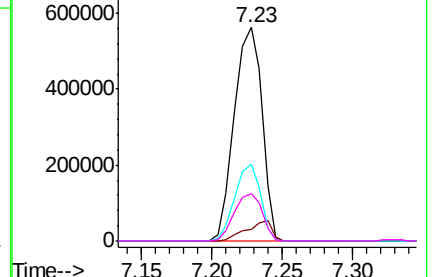
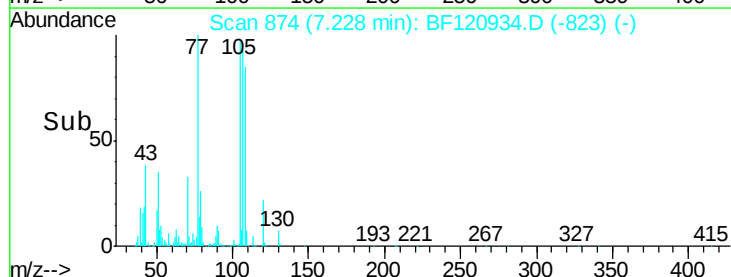


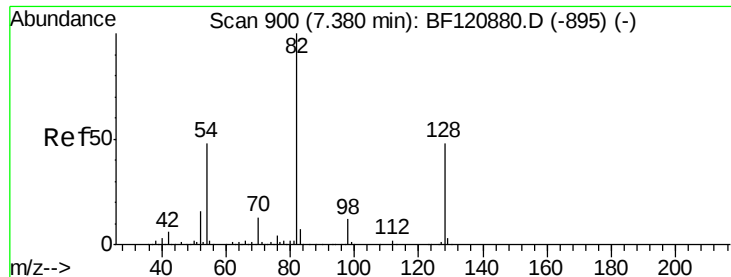
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

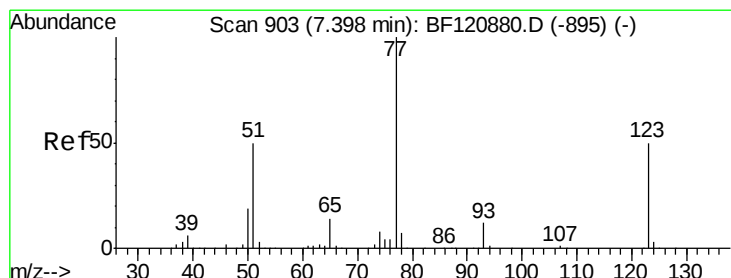
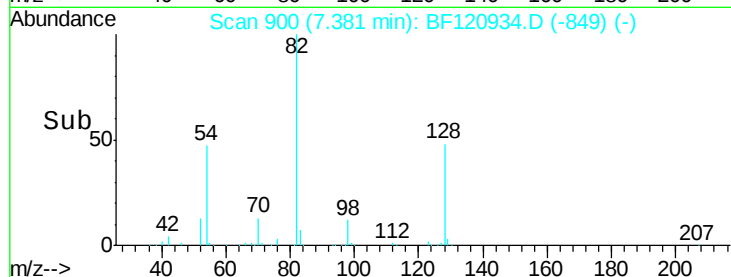
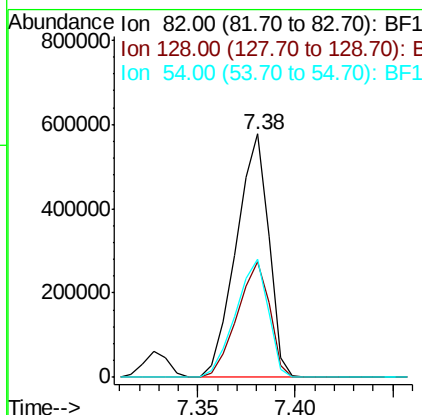
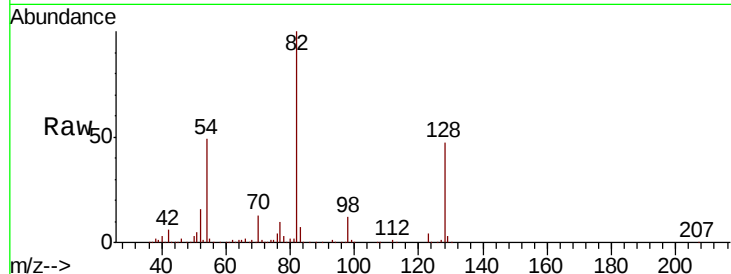




#23
 Nitrobenzene-d5
 Concen: 52.139 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

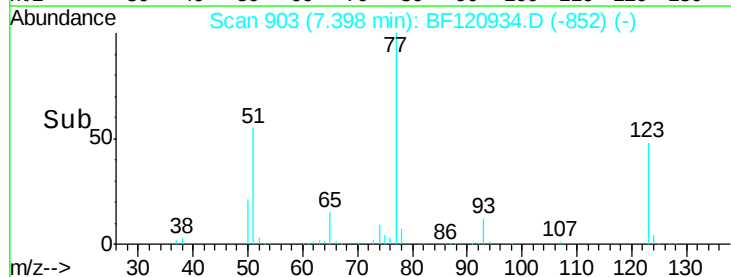
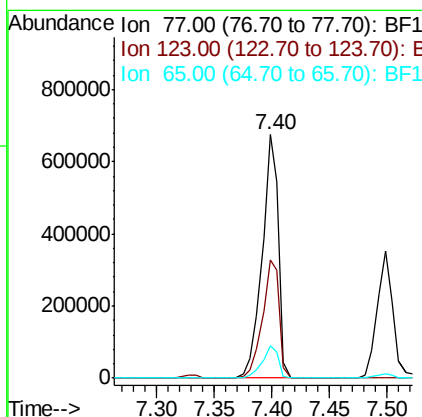
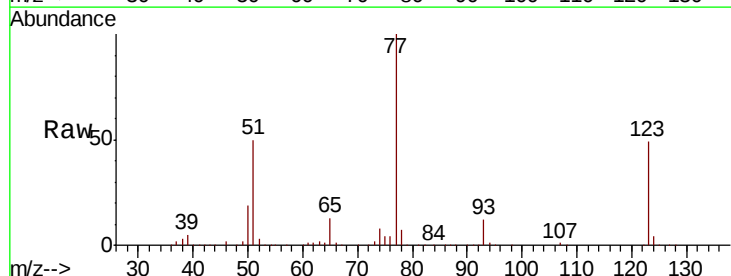
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

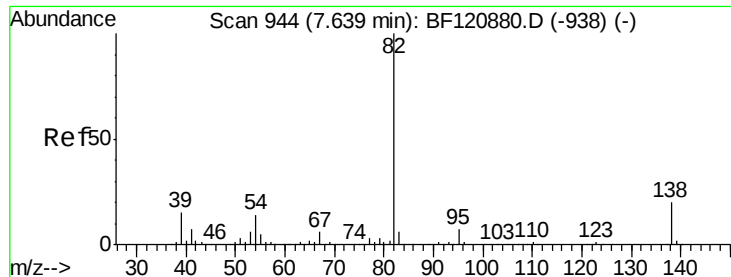
Tot Ion	82	Resp	666749
Ion Ratio	100	Lower	Upper
128	47.5	38.2	57.4
54	48.5	38.7	58.1



#24
 Nitrobenzene
 Concen: 48.722 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	77	Resp	671525
Ion Ratio	100	Lower	Upper
123	48.8	40.1	60.1
65	13.4	10.8	16.2

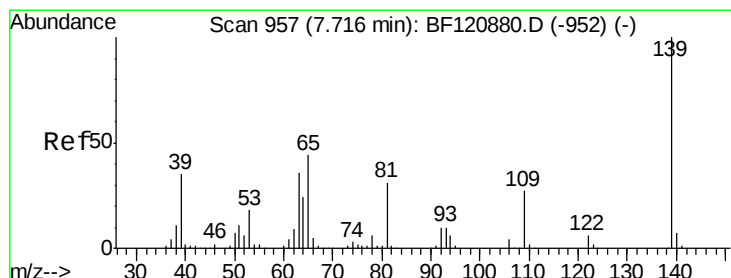
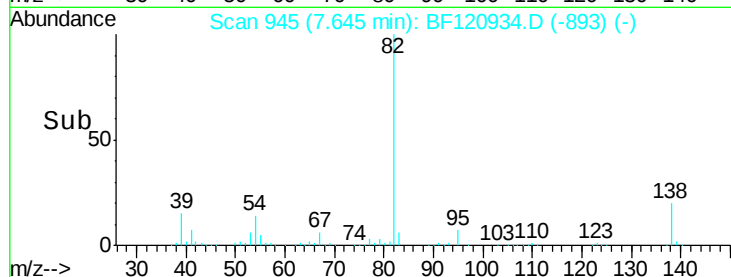
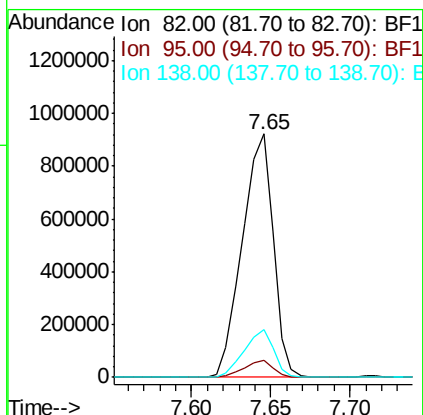
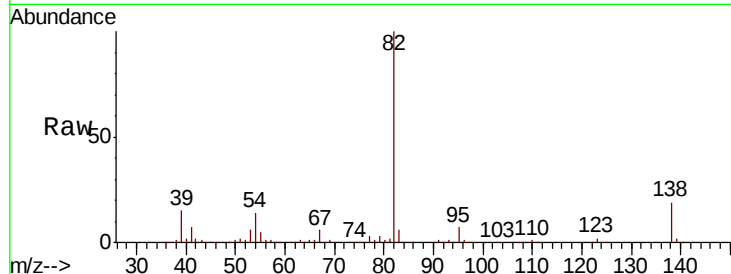




#25
Isophorone
Concen: 48.945 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

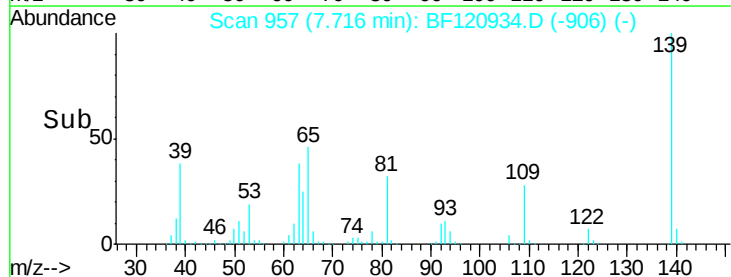
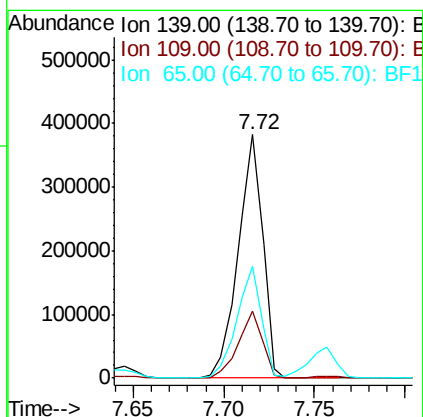
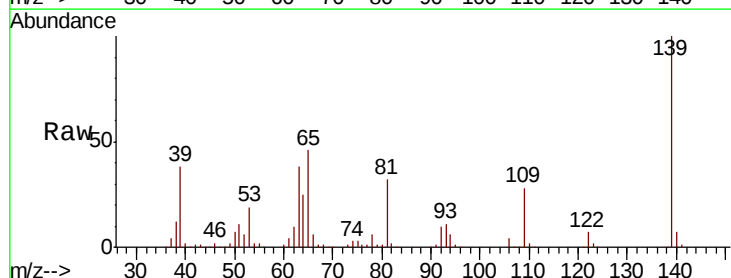
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

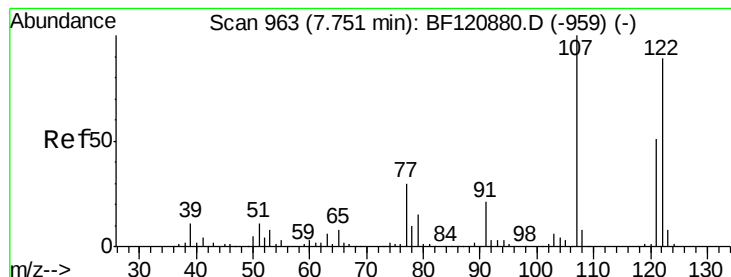
Tot Ion: 82 Resp: 1249156
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.4 15.6 23.4



#26
2-Nitrophenol
Concen: 54.889 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion: 139 Resp: 359295
Ion Ratio Lower Upper
139 100
109 27.6 21.6 32.4
65 46.1 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 53.115 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

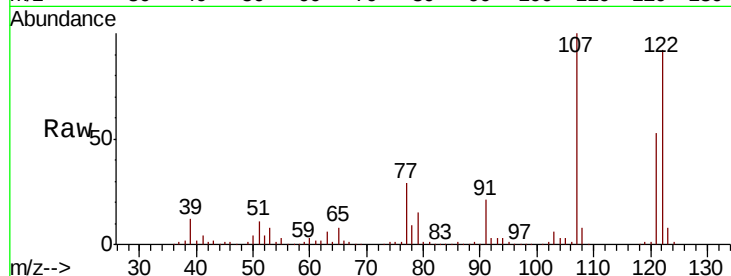
Tot Ion:122 Resp: 564499

Ion Ratio Lower Upper

122 100

107 108.9 89.4 134.0

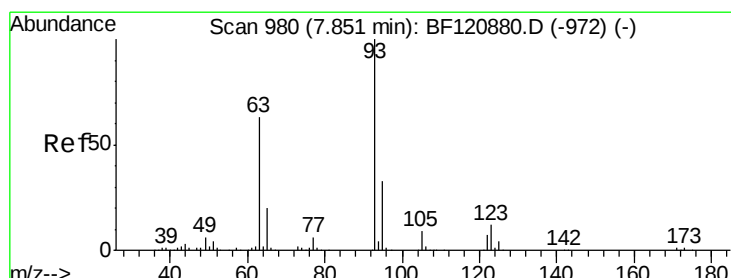
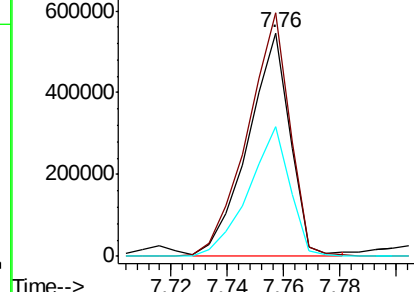
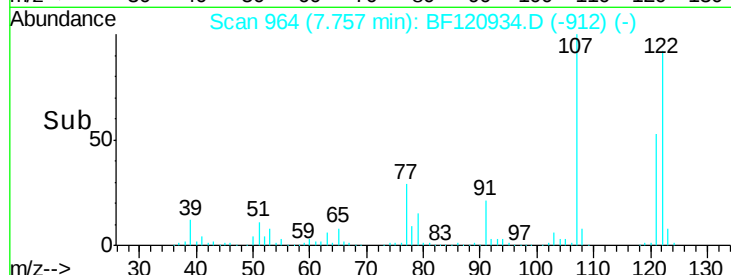
121 57.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.817 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

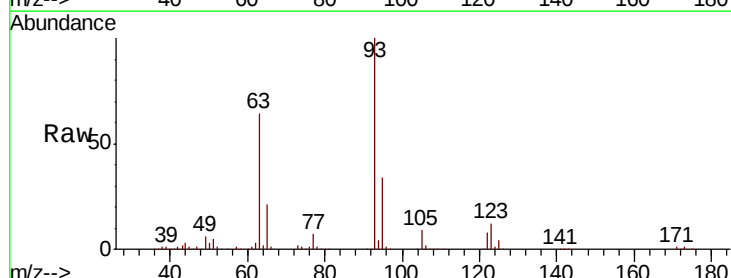
Tgt Ion: 93 Resp: 791681

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

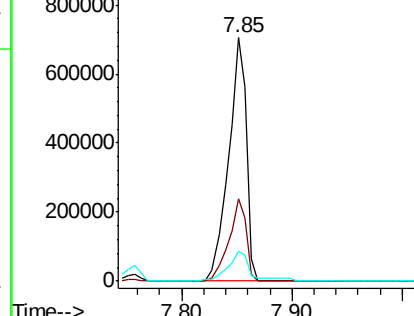
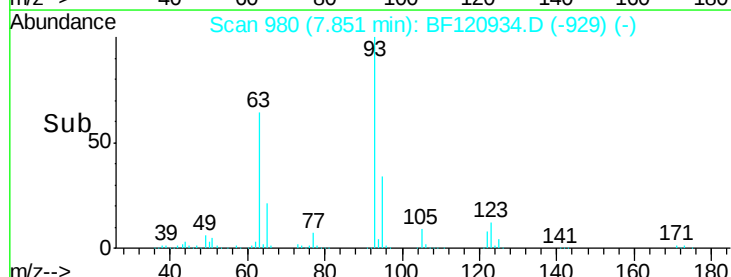
123 12.2 10.0 15.0

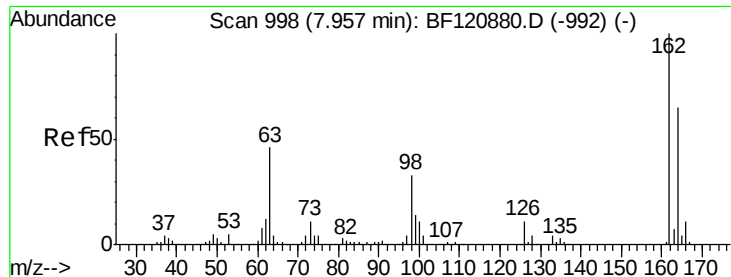


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

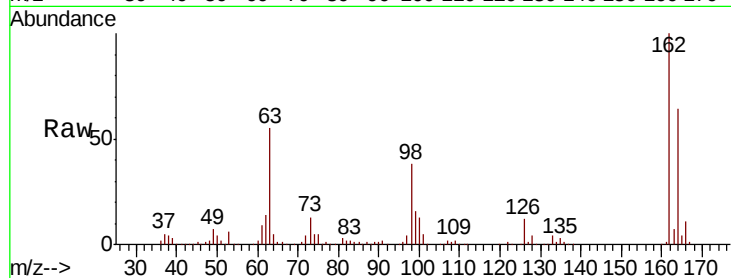




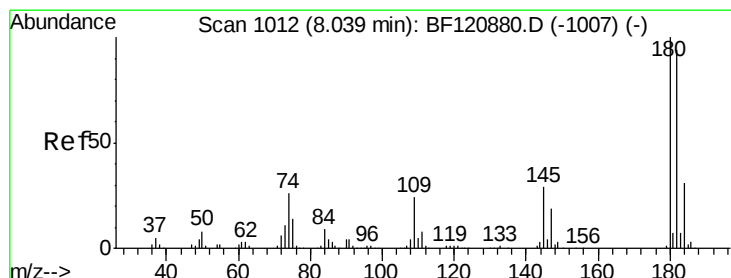
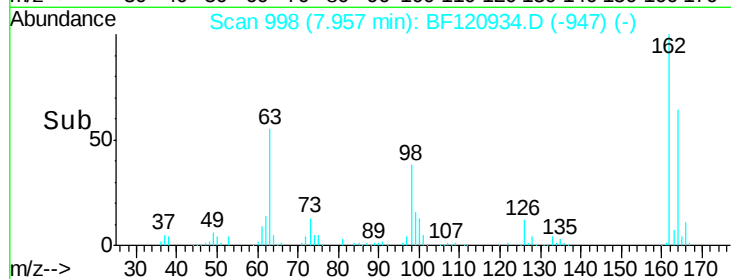
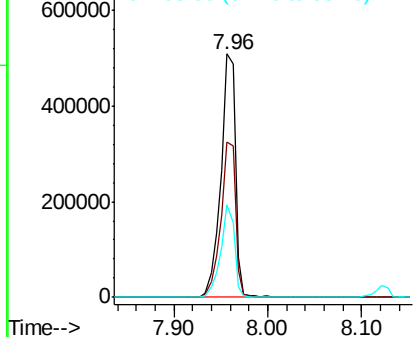
#29
 2,4-Dichlorophenol
 Concen: 50.932 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	38.0	13.3	53.3

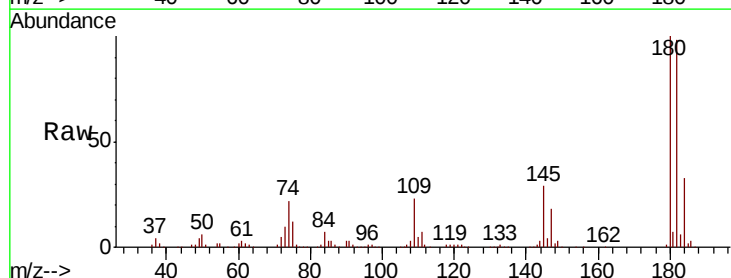


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

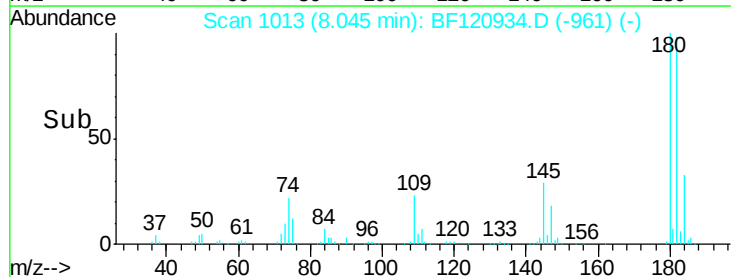
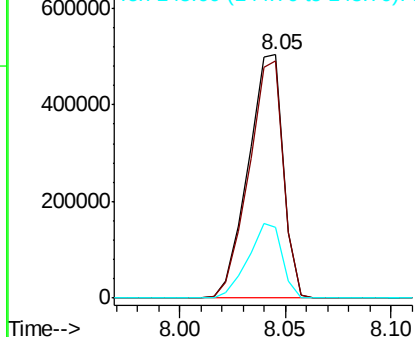


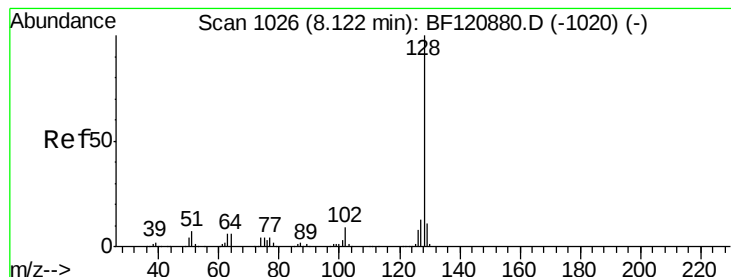
#30
 1,2,4-Trichlorobenzene
 Concen: 48.279 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.0	112.6
145	29.1	23.5	35.3



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





#31

Naphthalene

Concen: 47.561 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

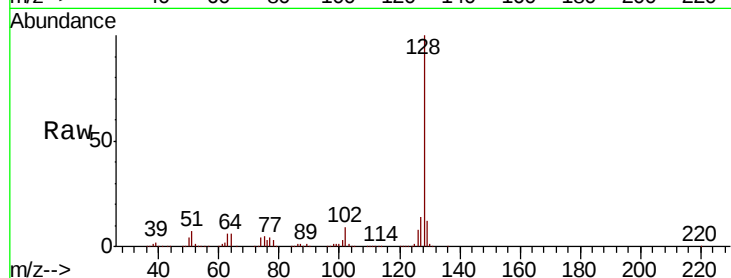
Tot Ion:128 Resp: 1805221

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

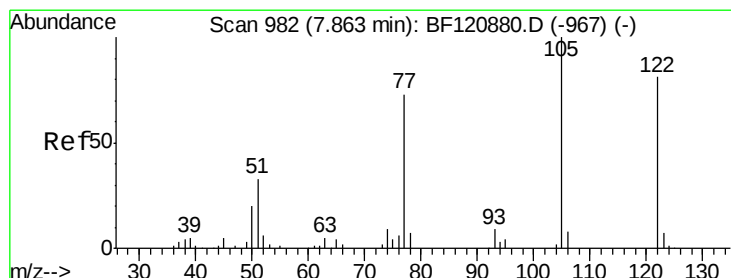
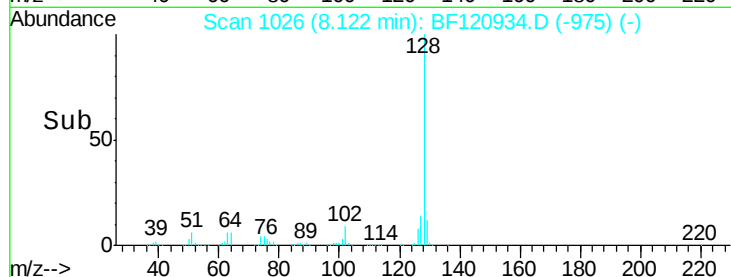
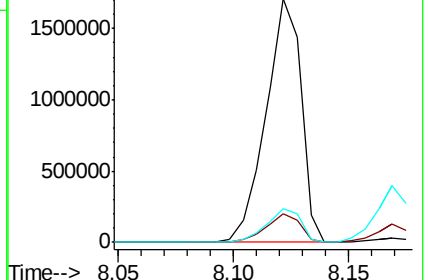
127 13.8 10.7 16.1



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: 53.761 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

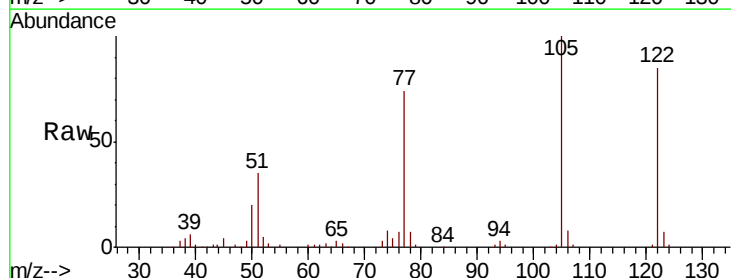
Tgt Ion:122 Resp: 428906

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

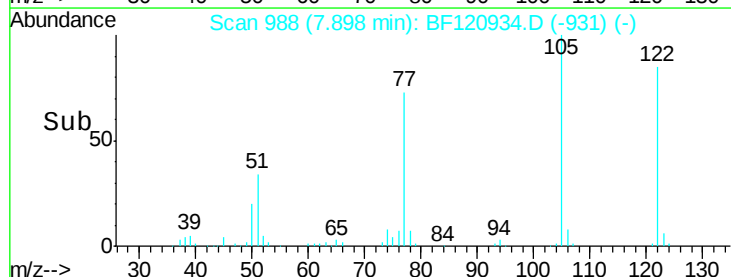
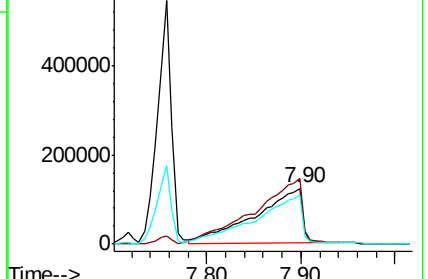
77 87.9 69.1 109.1

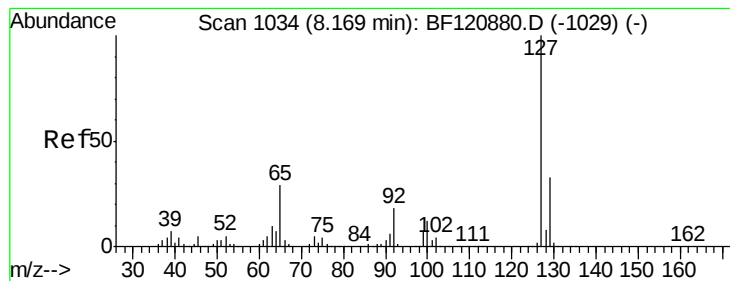


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.476 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:127 Resp: 414413

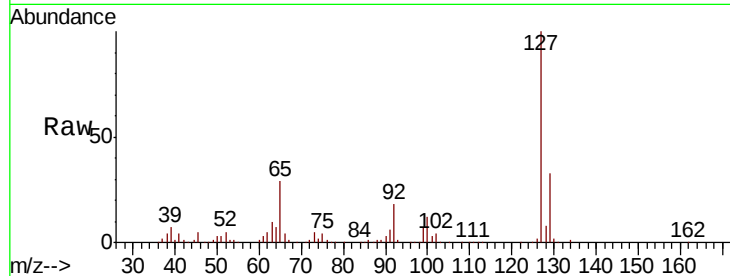
Ion Ratio Lower Upper

127 100

129 32.9 26.5 39.7

65 29.2 23.0 34.4

92 18.3 14.5 21.7

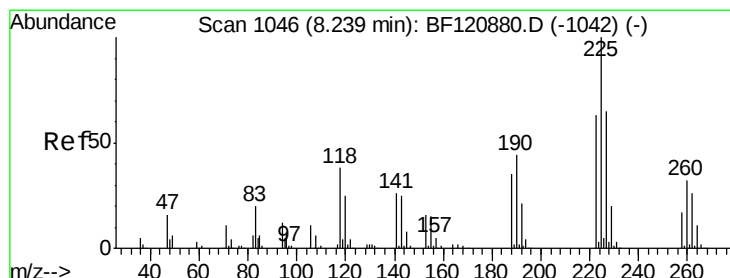
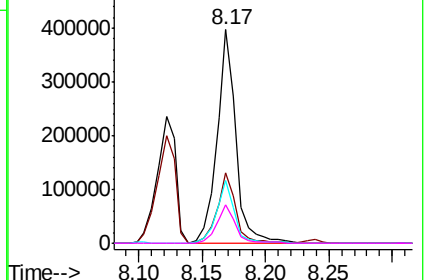
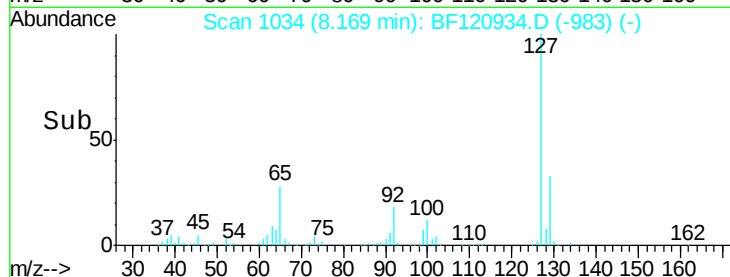


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 47.159 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

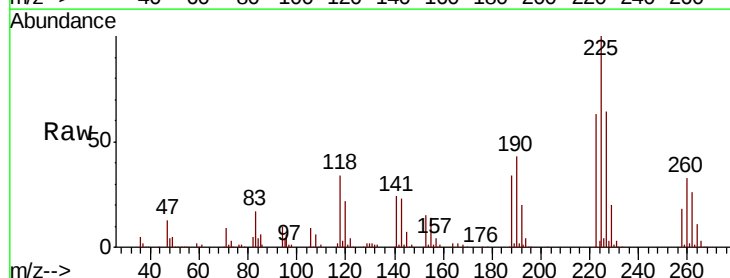
Tgt Ion:225 Resp: 334967

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

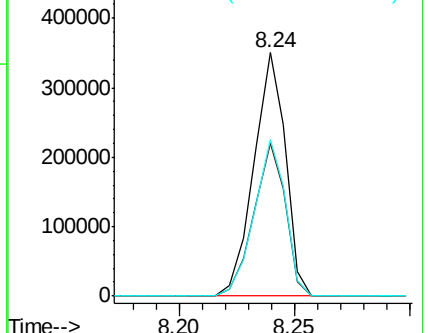
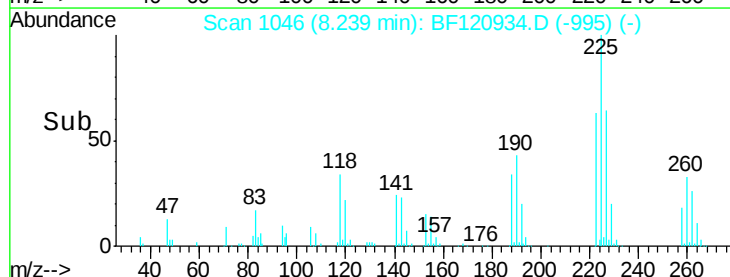
227 64.1 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

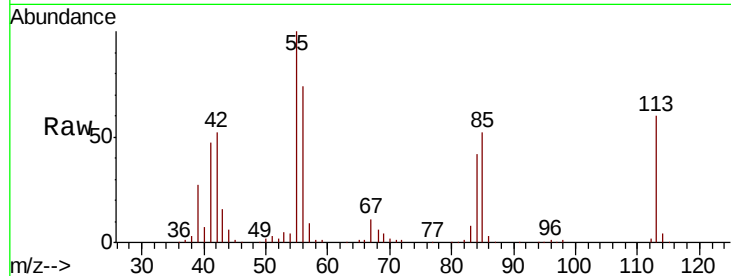




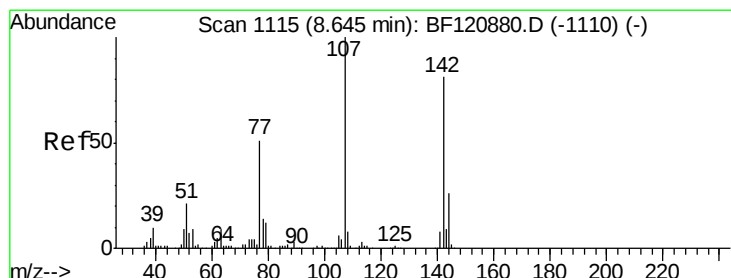
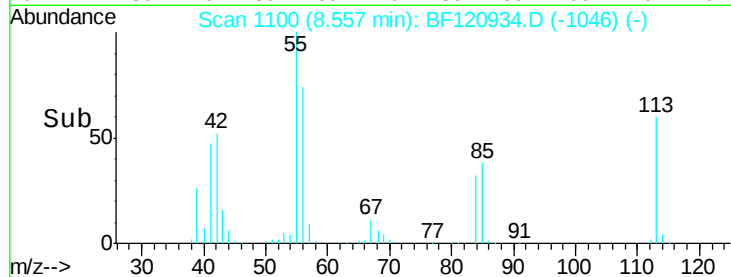
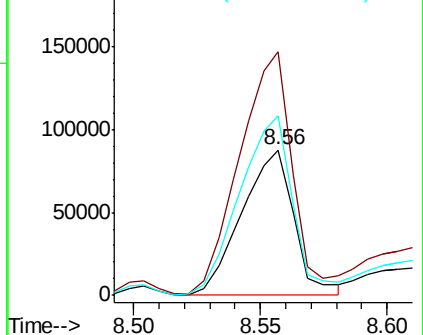
#35
 Caprolactam
 Concen: 35.880 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:113 Resp: 124957
 Ion Ratio Lower Upper
 113 100
 55 167.2 143.3 183.3
 56 123.7 99.4 139.4

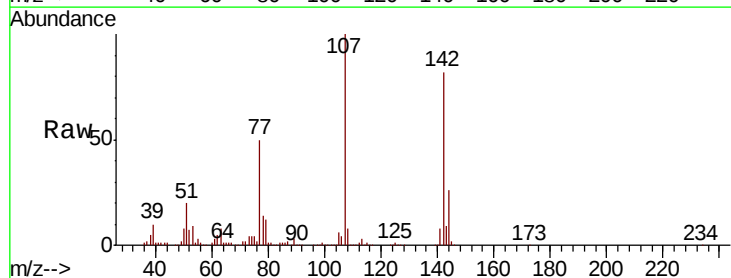


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

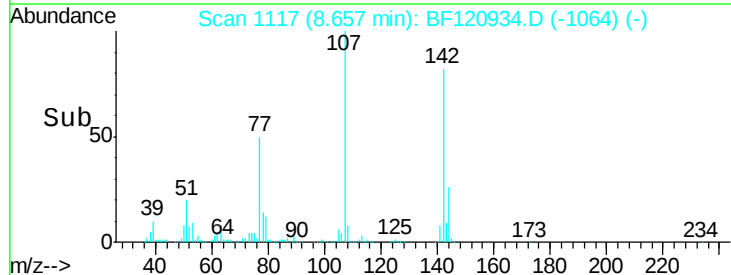
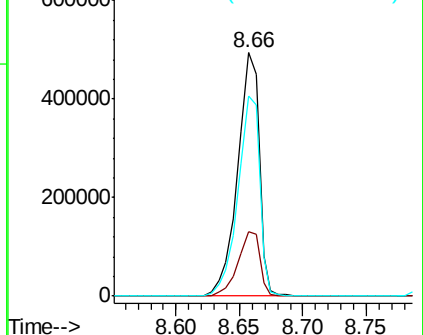


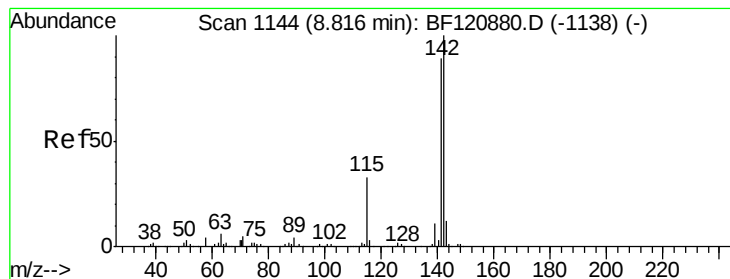
#36
 4-Chloro-3-methylphenol
 Concen: 52.253 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:107 Resp: 582005
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.6
 142 82.4 65.0 97.6



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





#37

2-Methylnaphthalene

Concen: 49.593 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

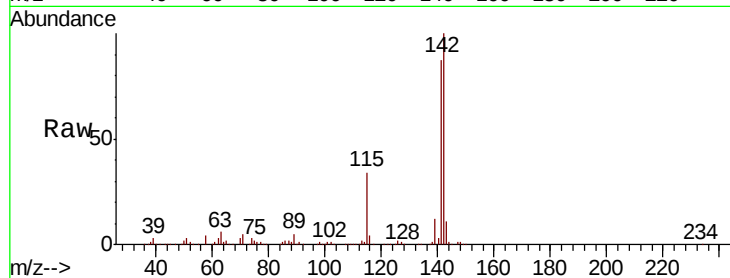
Tot Ion:142 Resp: 1222199

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.4

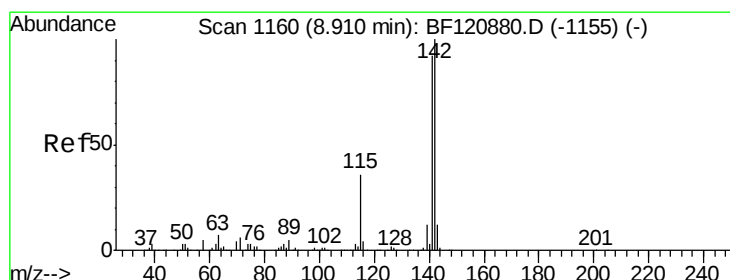
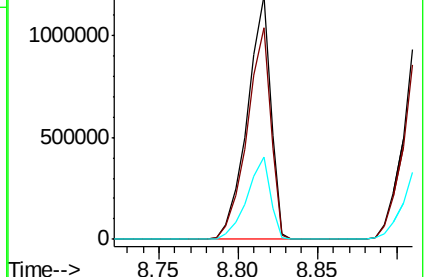
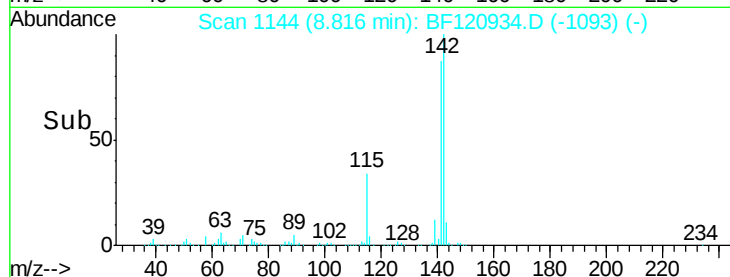
115 33.7 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.722 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

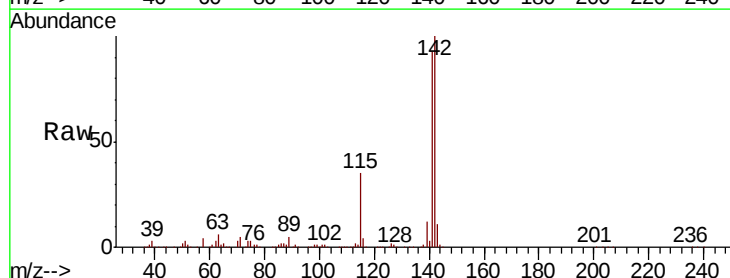
Tgt Ion:142 Resp: 1160562

Ion Ratio Lower Upper

142 100

141 92.6 73.7 110.5

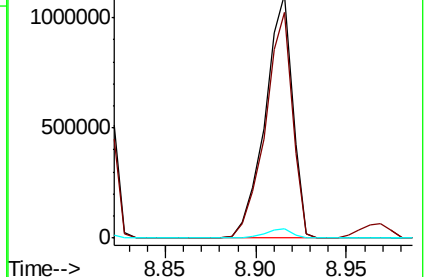
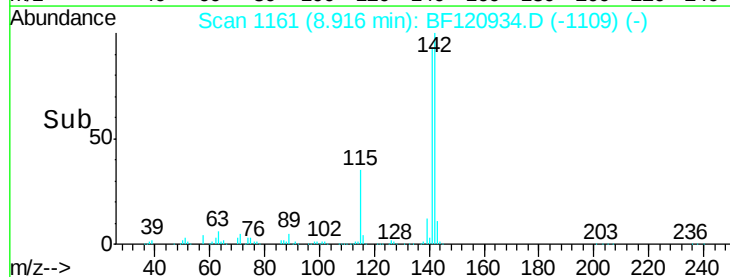
116 3.8 3.0 4.6

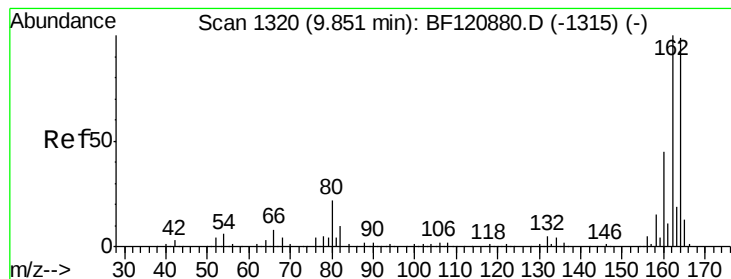


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

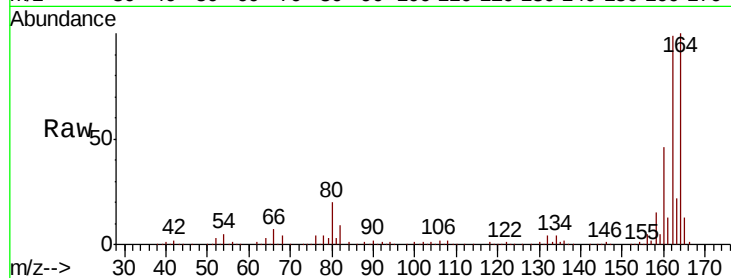
Tot Ion:164 Resp: 395977

Ion Ratio Lower Upper

164 100

162 99.0 81.2 121.8

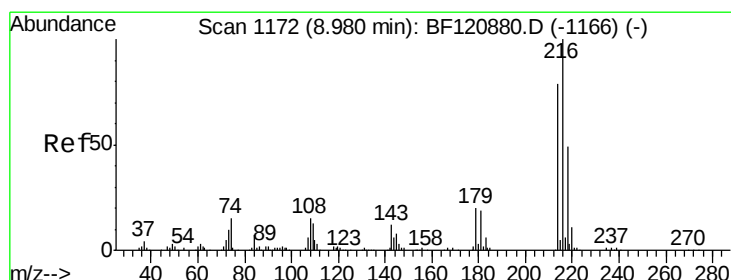
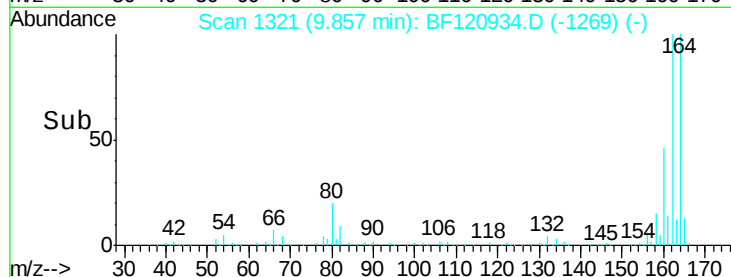
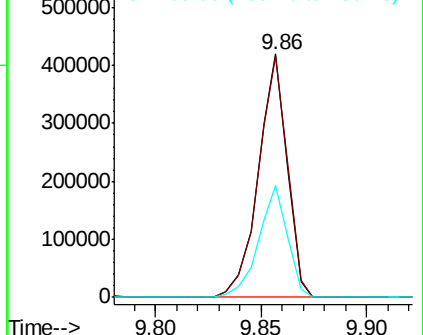
160 45.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.404 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:216 Resp: 523825

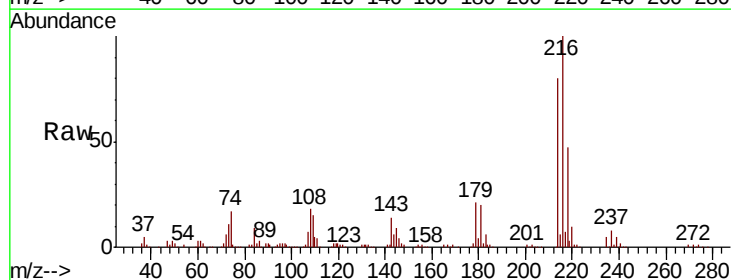
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 20.4 16.6 24.8

108 20.7 15.4 23.0

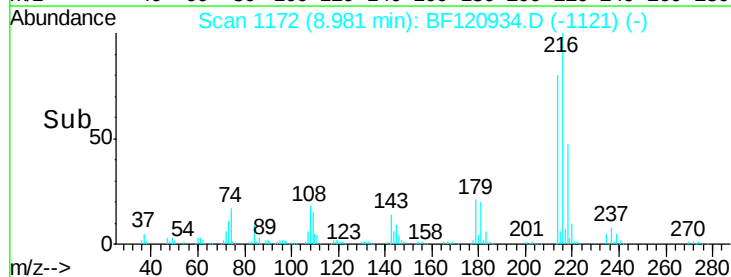
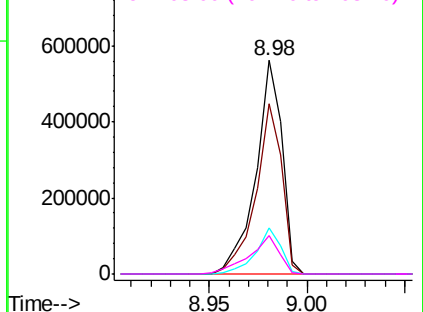


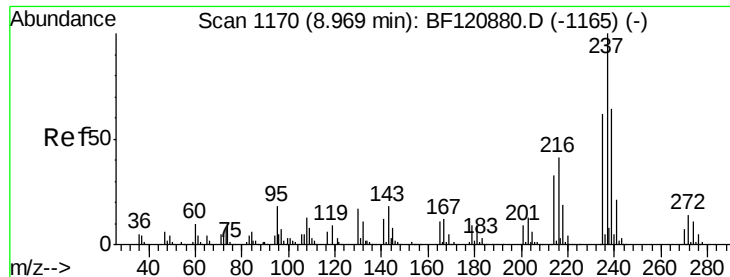
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.231 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

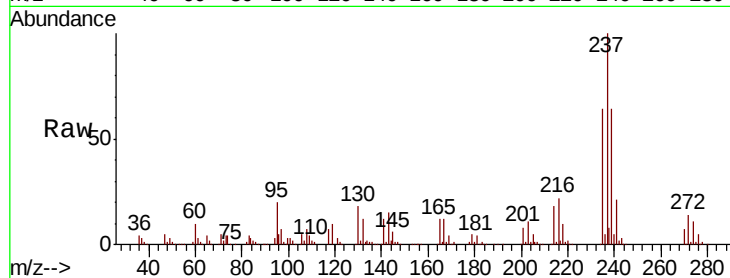
Tot Ion:237 Resp: 626348

Ion Ratio Lower Upper

237 100

235 63.9 41.6 81.6

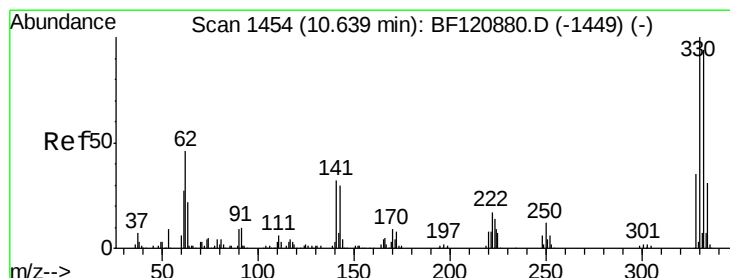
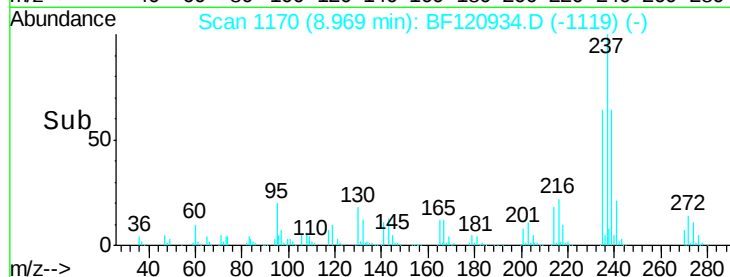
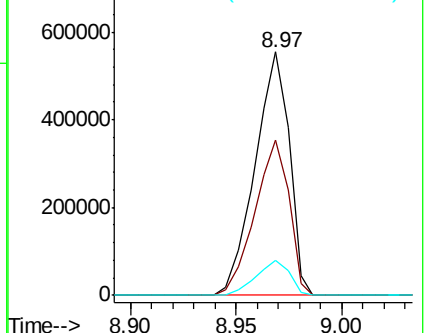
272 14.2 0.0 33.7



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: 77.510 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

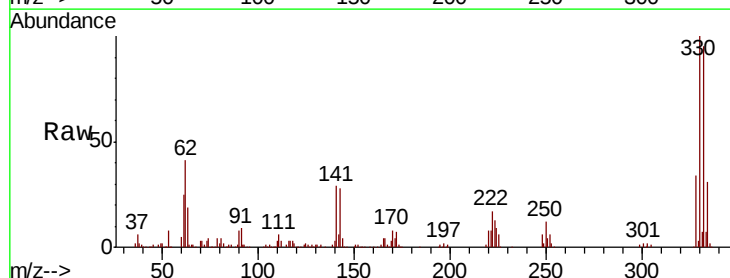
Tgt Ion:330 Resp: 335957

Ion Ratio Lower Upper

330 100

332 96.2 75.5 113.3

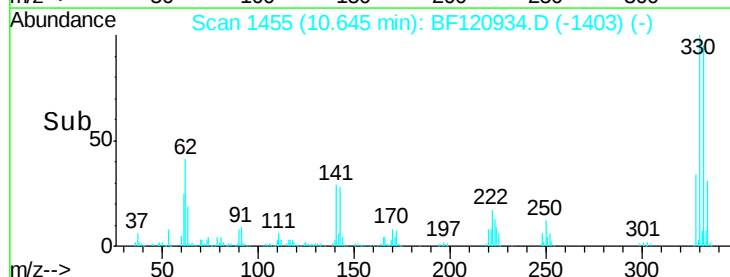
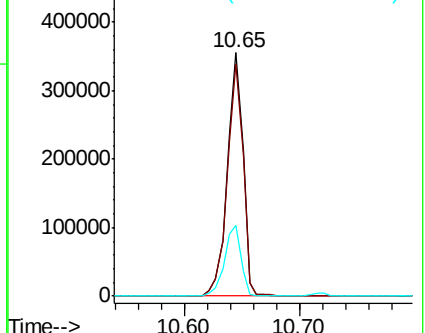
141 30.9 25.7 38.5

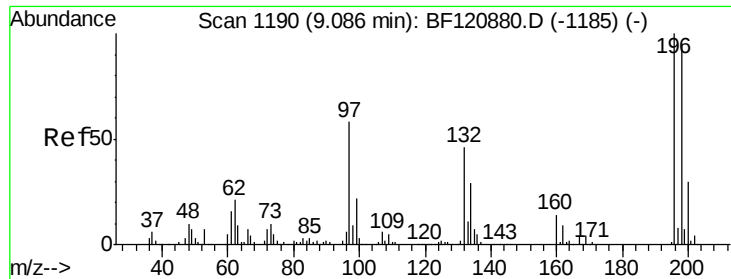


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

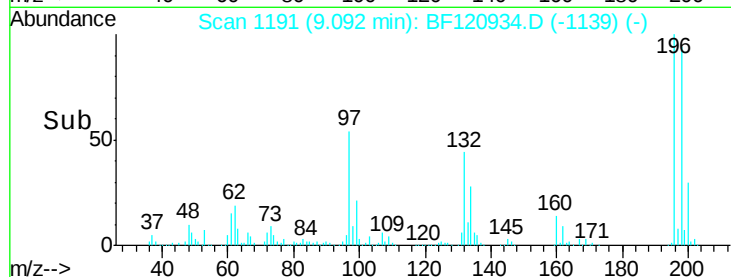
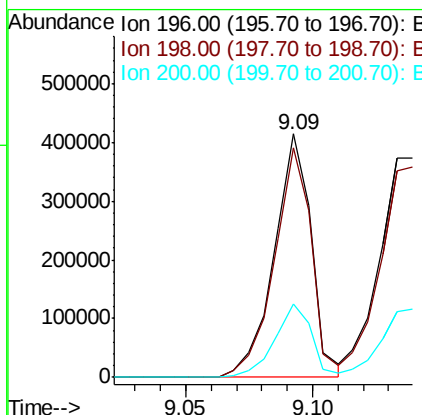
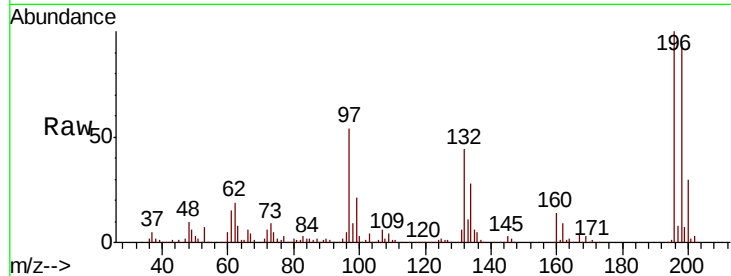




#43
 2,4,6-Trichlorophenol
 Concen: 51.542 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

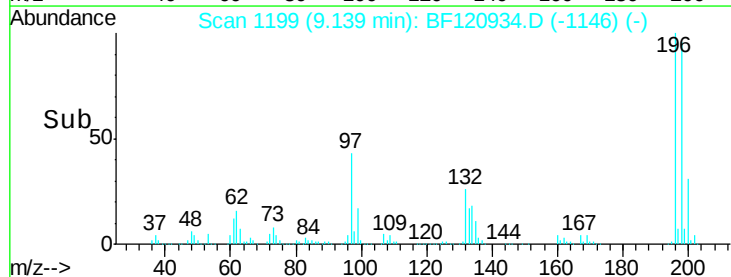
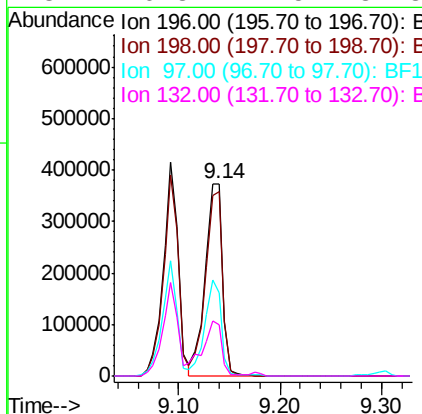
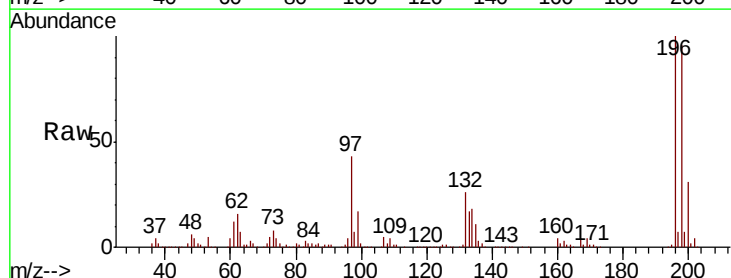
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

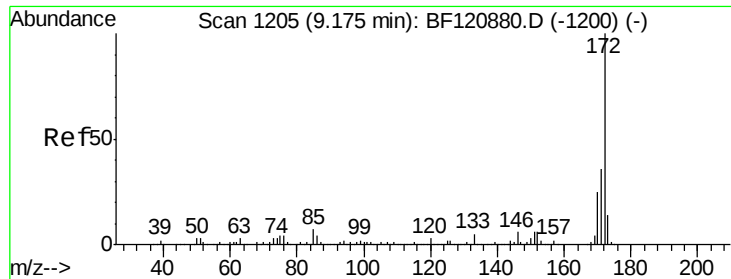
Tot Ion:196 Resp: 418680
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.9 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 48.020 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:196 Resp: 442476
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.6 116.4
 97 43.2 35.6 53.4
 132 26.3 21.5 32.3

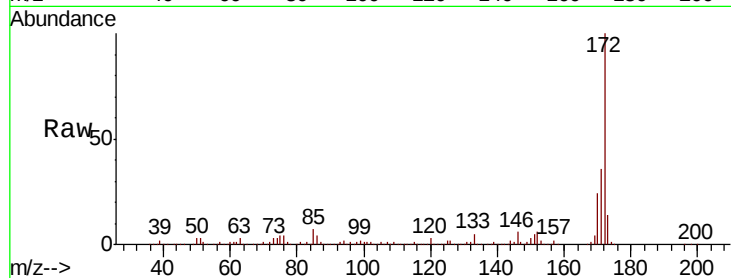




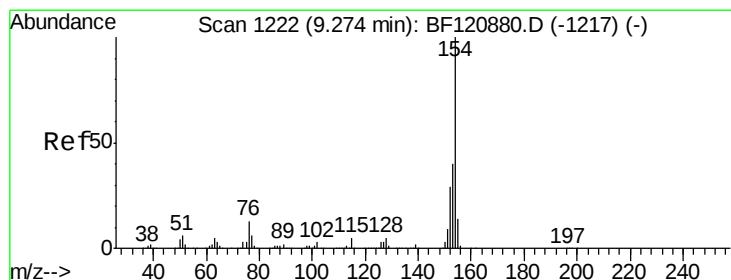
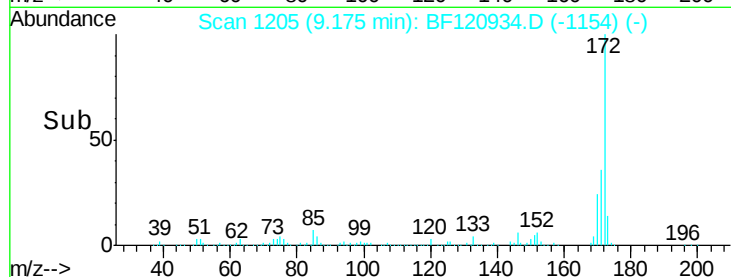
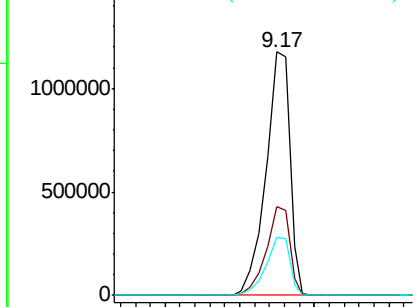
#45
2-Fluorobiphenyl
Concen: 49.088 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:172 Resp: 1301879
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.1 19.6 29.4

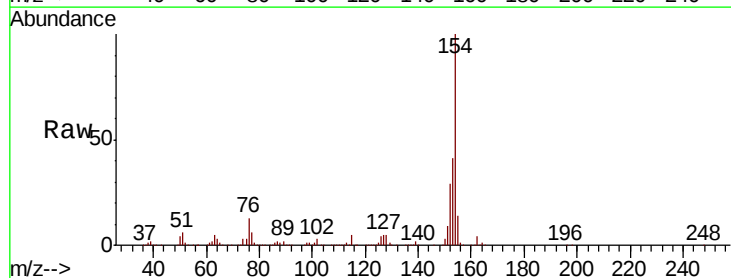


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

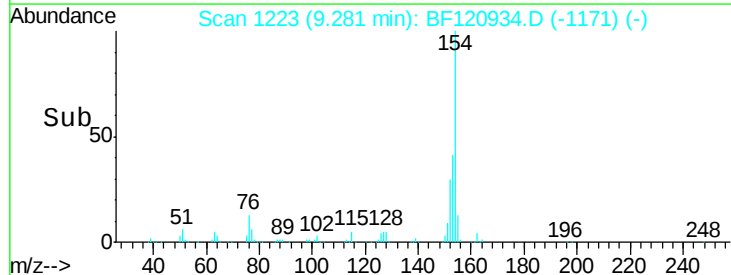
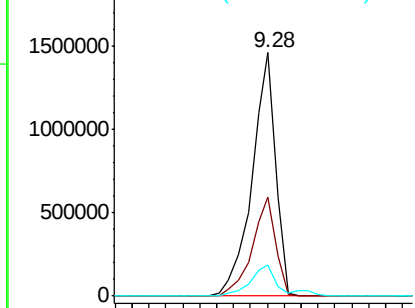


#46
1,1'-Biphenyl
Concen: 47.183 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:154 Resp: 1425180
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 12.6 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

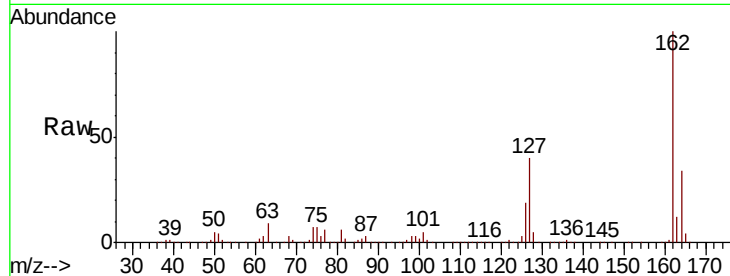




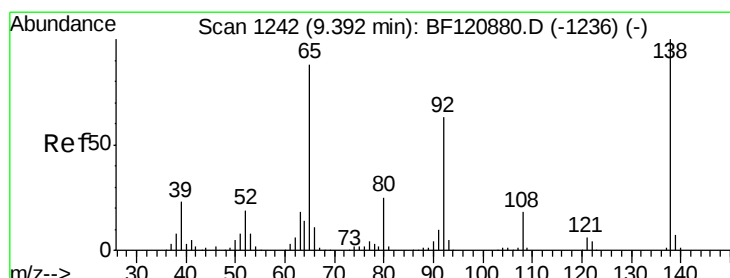
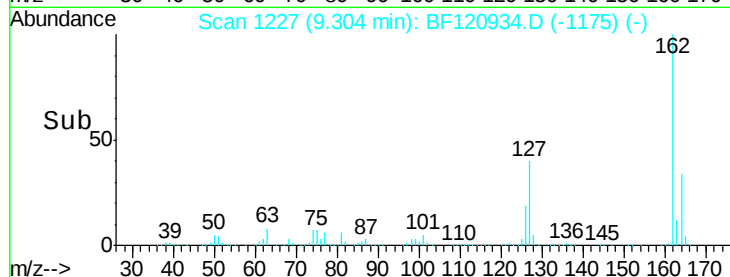
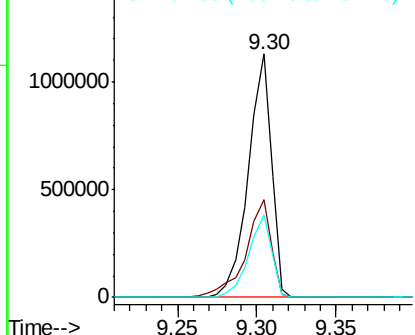
#47
 2-Chloronaphthalene
 Concen: 46.353 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:162 Resp: 1141504
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.3 49.9
 164 33.6 26.6 39.8

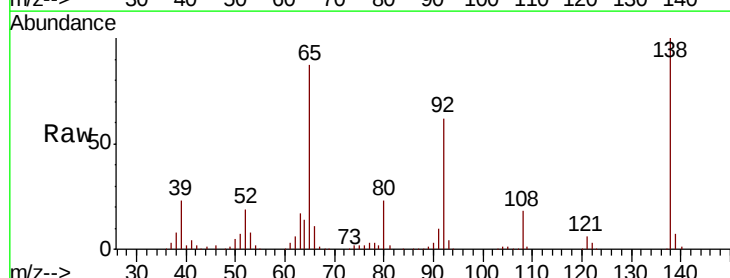


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

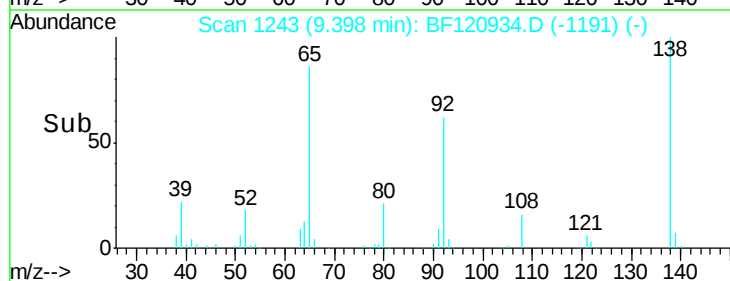
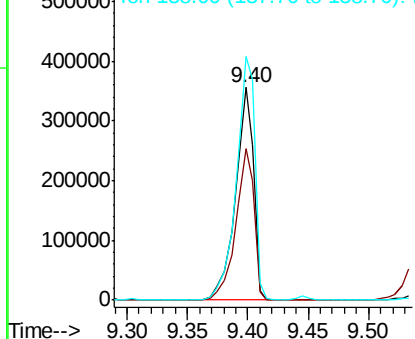


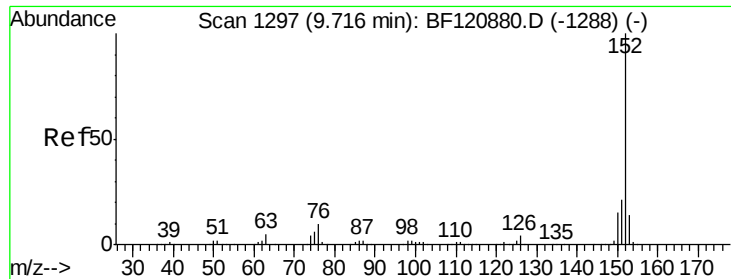
#48
 2-Nitroaniline
 Concen: 50.120 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion: 65 Resp: 373002
 Ion Ratio Lower Upper
 65 100
 92 71.1 57.0 85.4
 138 114.4 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.908 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

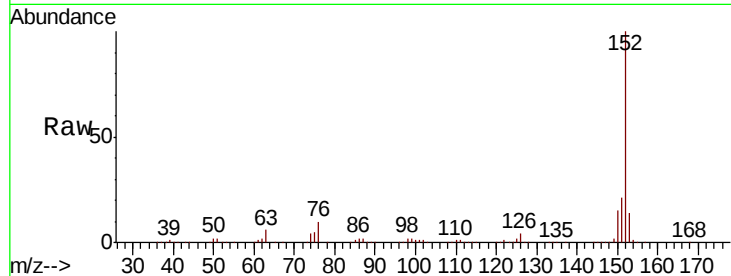
Tot Ion:152 Resp: 1794579

Ion Ratio Lower Upper

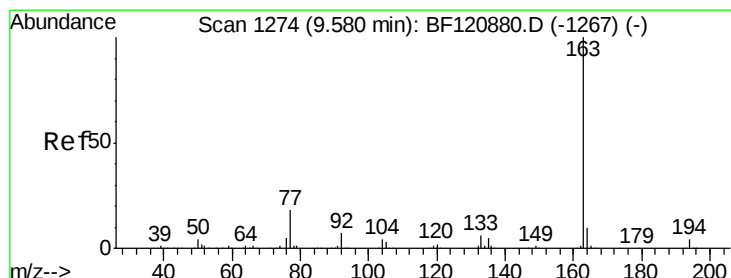
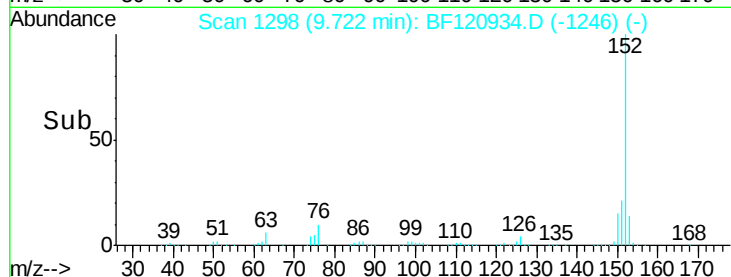
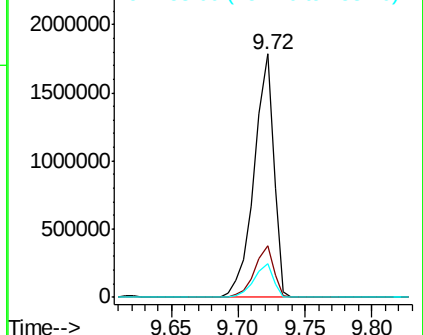
152 100

151 21.2 16.6 25.0

153 14.0 10.9 16.3



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: 54.987 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

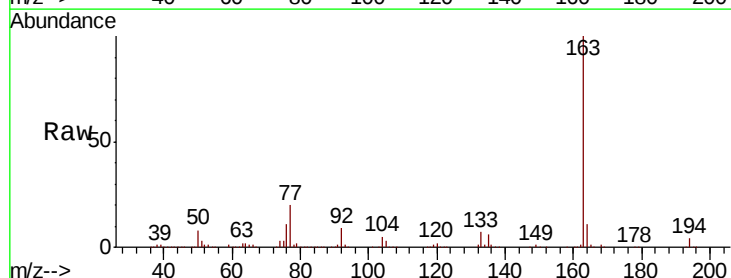
Tgt Ion:163 Resp: 1570838

Ion Ratio Lower Upper

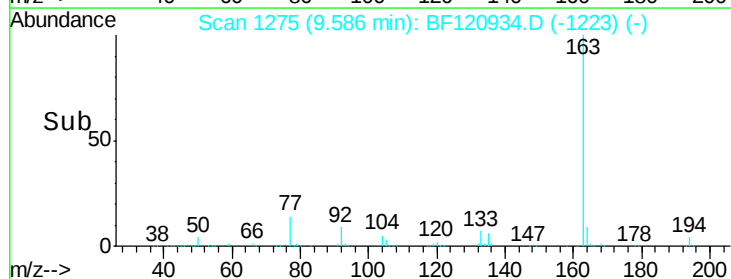
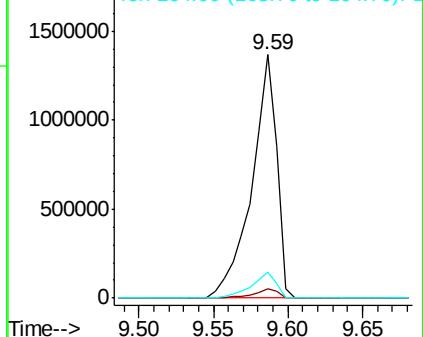
163 100

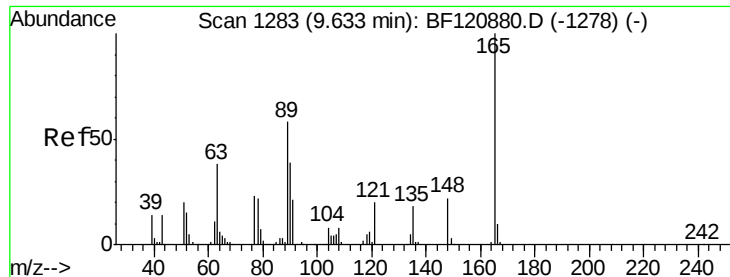
194 3.9 3.2 4.8

164 10.6 7.9 11.9



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

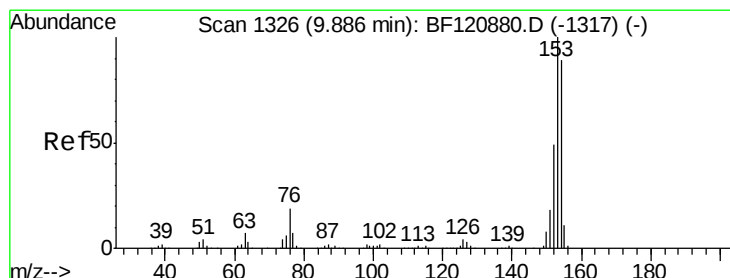
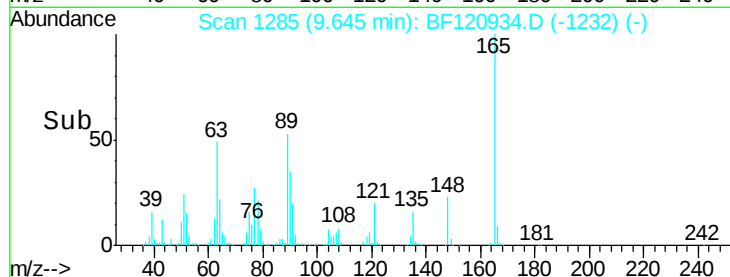
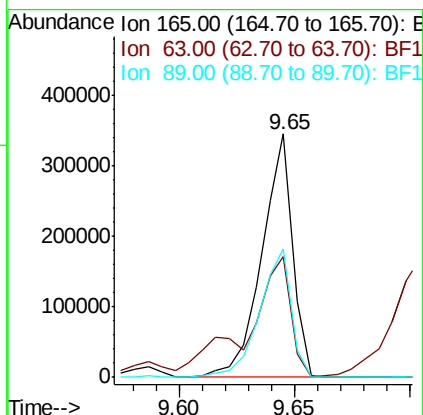
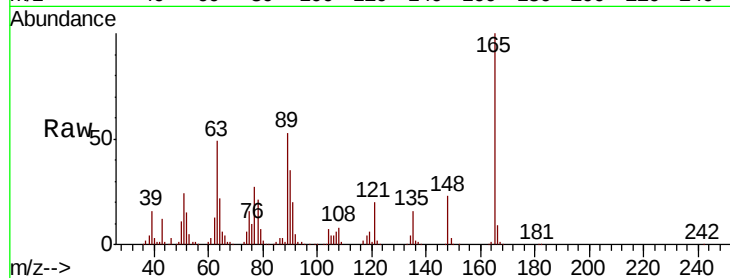




#51
 2,6-Dinitrotoluene
 Concen: 52.043 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

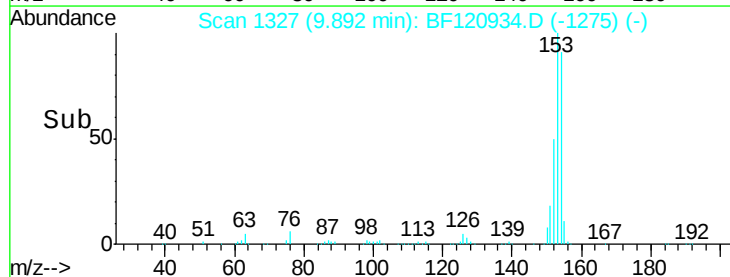
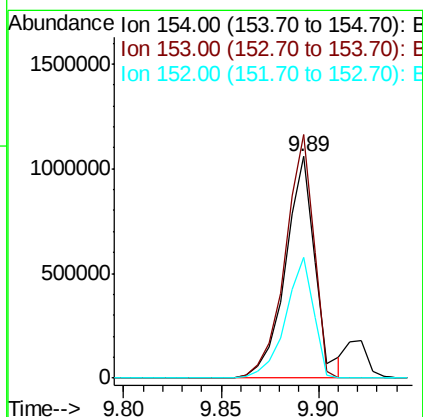
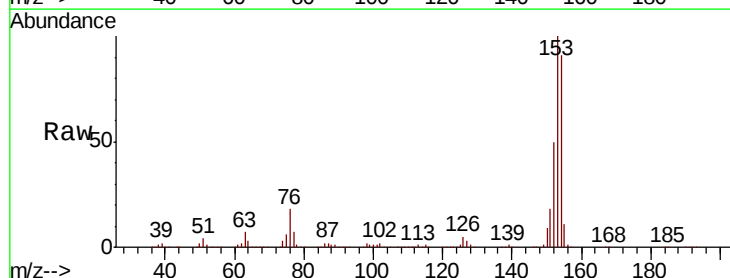
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

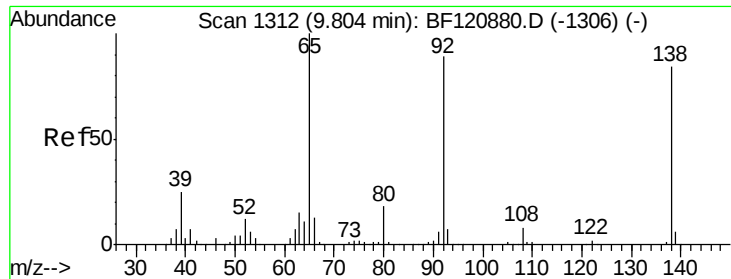
Tot Ion:165 Resp: 319408
 Ion Ratio Lower Upper
 165 100
 63 49.4 45.4 68.2
 89 52.8 47.0 70.4



#52
 Acenaphthene
 Concen: 45.596 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:154 Resp: 1109042
 Ion Ratio Lower Upper
 154 100
 153 109.8 89.5 134.3
 152 54.6 44.2 66.2

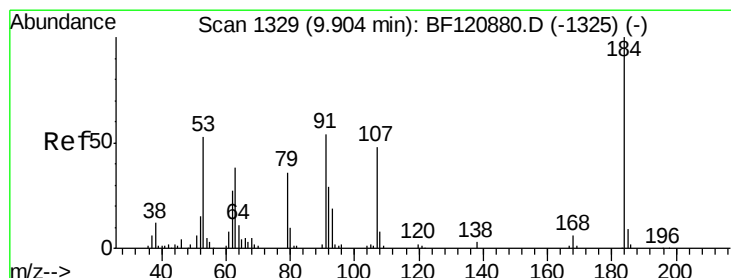
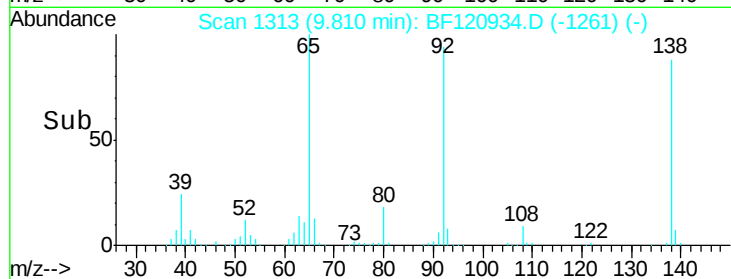
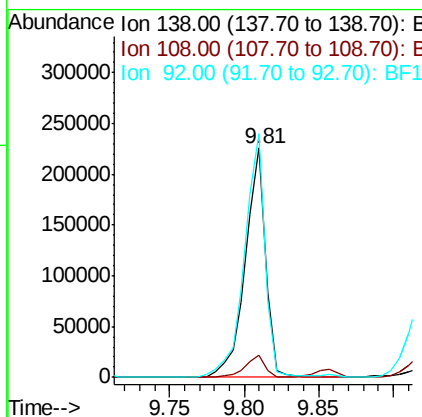
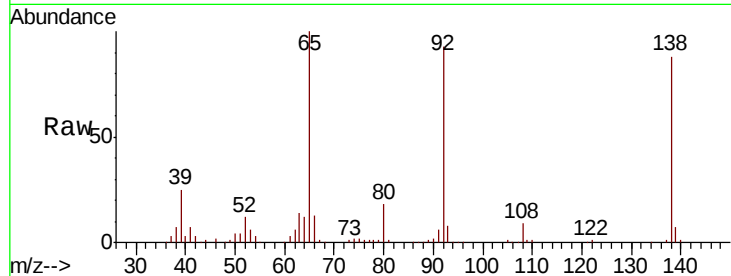




#53
3-Nitroaniline
Concen: 27.644 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

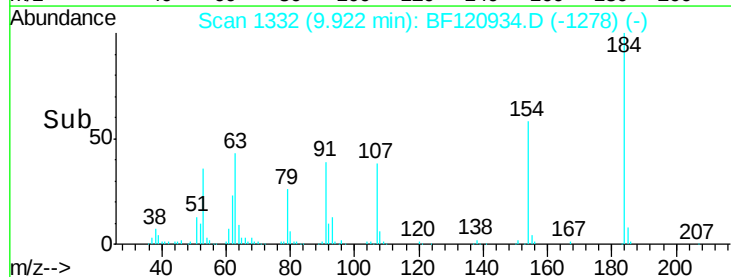
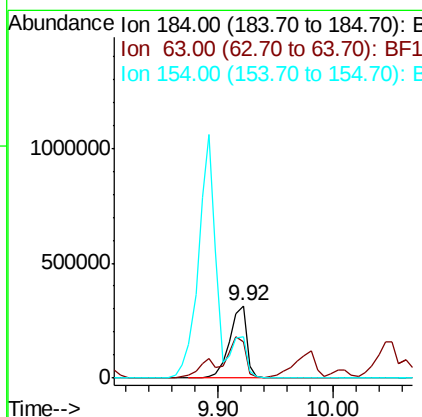
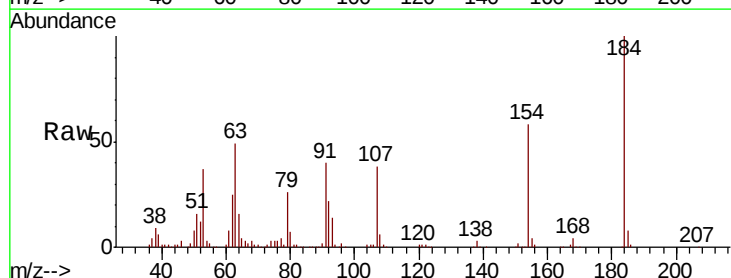
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

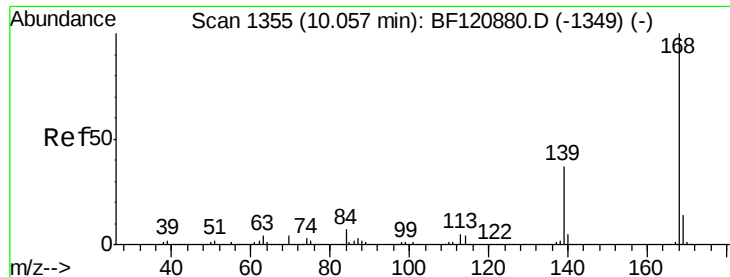
Tot Ion:138 Resp: 212787
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 106.2 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 91.351 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:184 Resp: 326462
Ion Ratio Lower Upper
184 100
63 49.5 57.9 86.9#
154 57.9 52.6 78.8

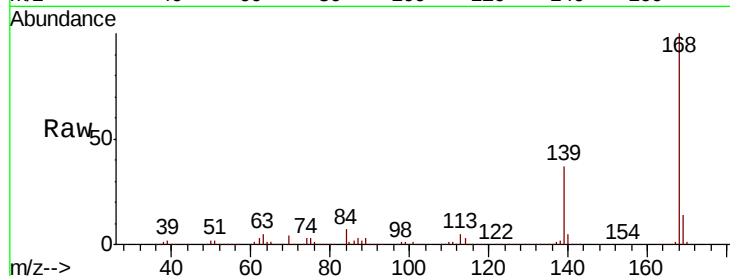




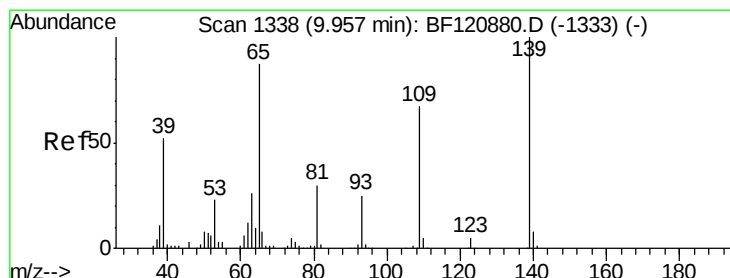
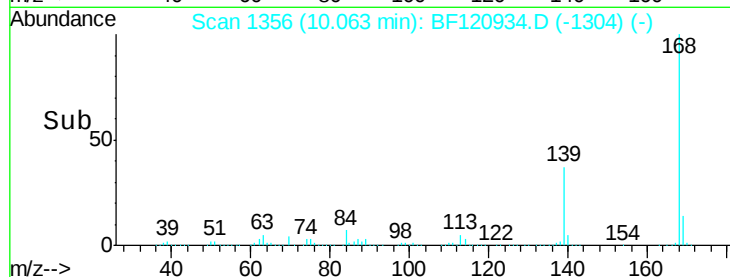
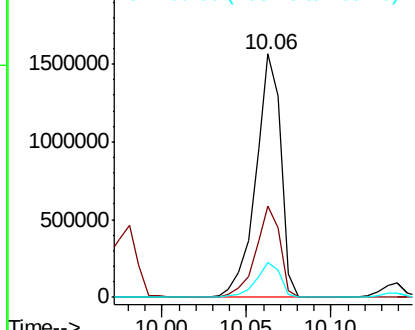
#55
Dibenzenofuran
Concen: 45.746 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:168 Resp: 1609060
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 14.2 11.1 16.7

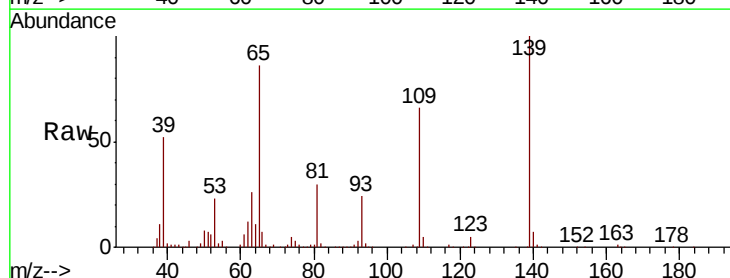


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

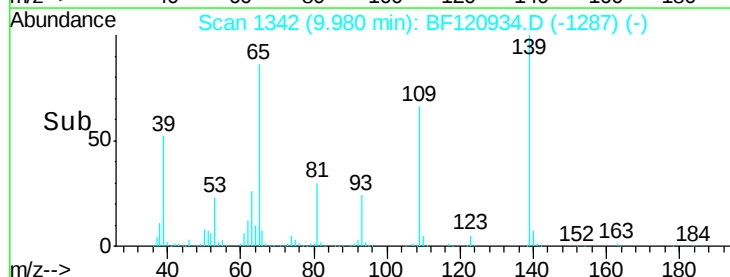
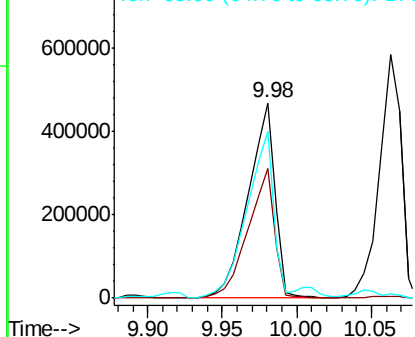


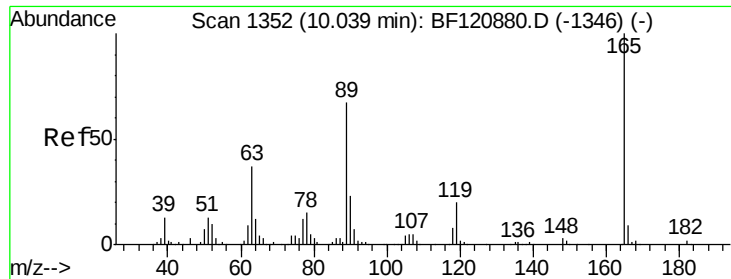
#56
4-Nitrophenol
Concen: 99.949 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:139 Resp: 584417
Ion Ratio Lower Upper
139 100
109 66.3 47.3 87.3
65 85.7 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

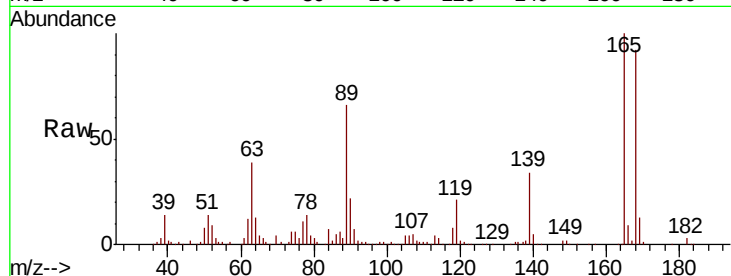




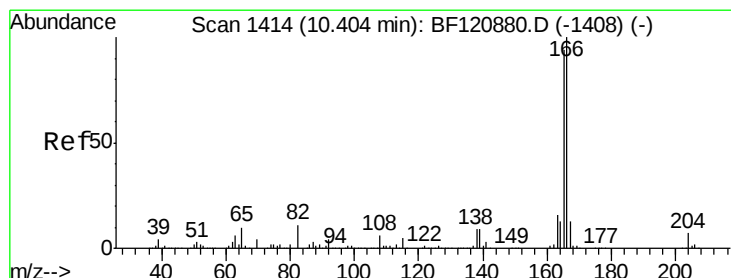
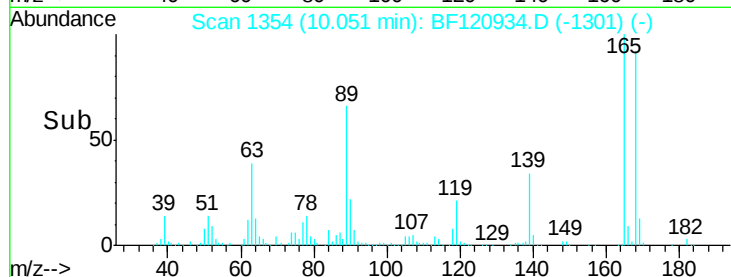
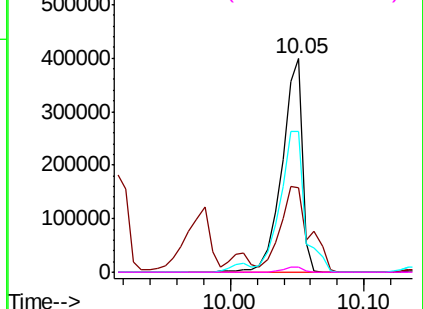
#57
2,4-Dinitrotoluene
Concen: 53.006 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:165 Resp: 427217
Ion Ratio Lower Upper
165 100
63 39.4 29.4 44.2
89 65.7 53.4 80.0
182 2.5 1.8 2.6

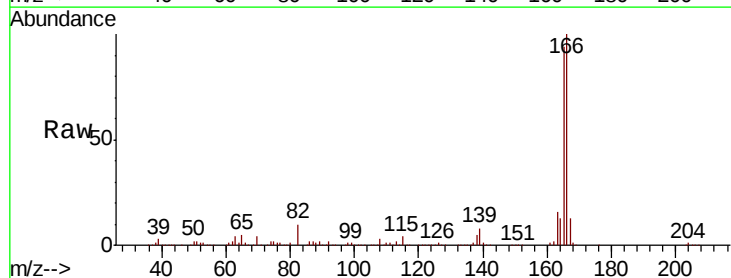


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

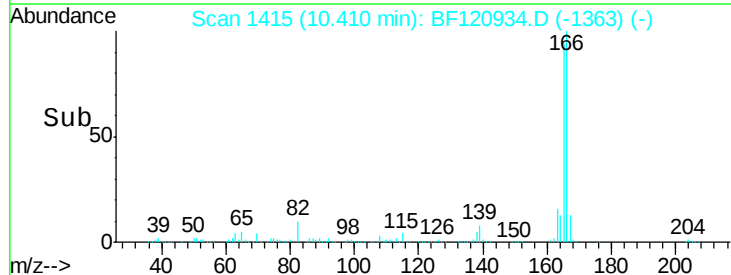
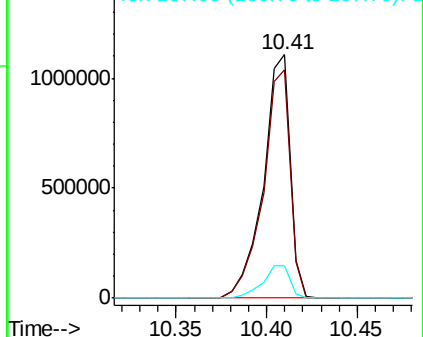


#58
Fluorene
Concen: 43.458 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:166 Resp: 1140050
Ion Ratio Lower Upper
166 100
165 93.6 75.4 113.0
167 13.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

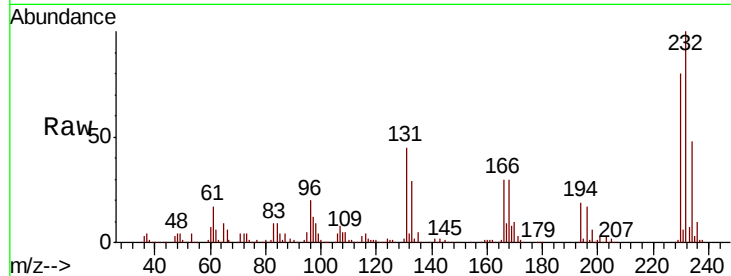




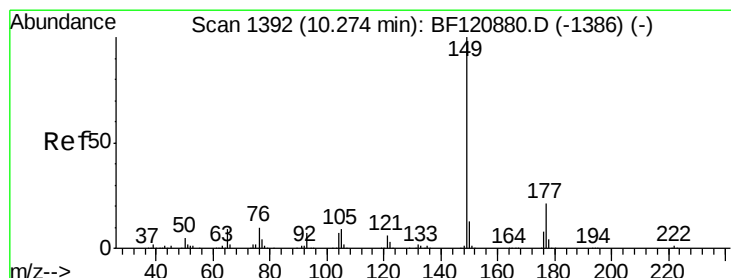
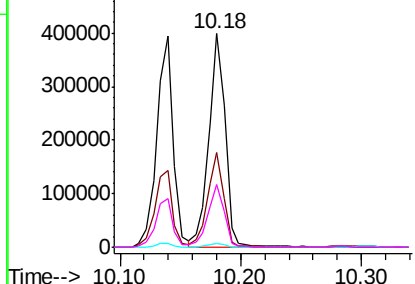
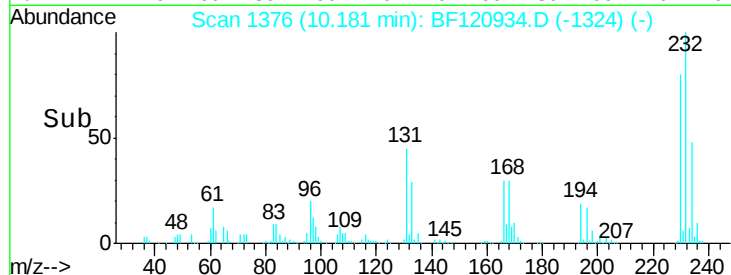
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.124 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:232	Resp:	372700
Ion Ratio	Lower	Upper
232 100		
131 44.4	37.1	55.7
130 2.1	1.7	2.5
166 29.5	24.2	36.4

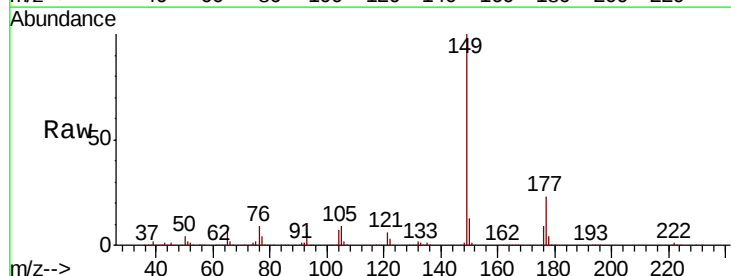


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

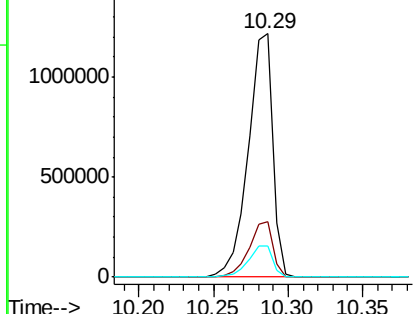
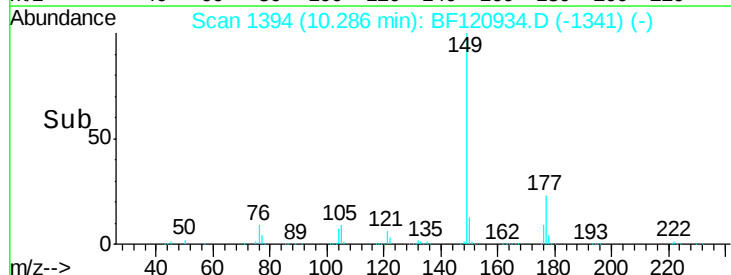


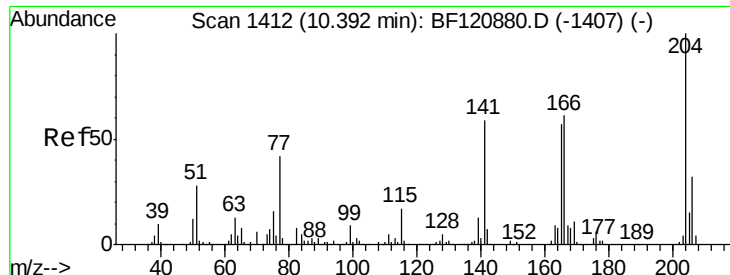
#60
 Diethylphthalate
 Concen: 47.609 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:149	Resp: 1375676
Ion Ratio	Lower Upper
149 100	
177 22.9	17.1 25.7
150 12.7	10.3 15.5



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

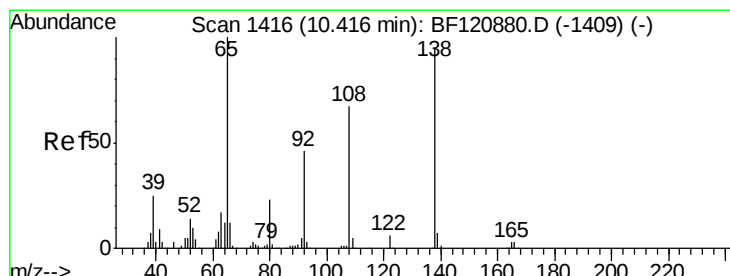
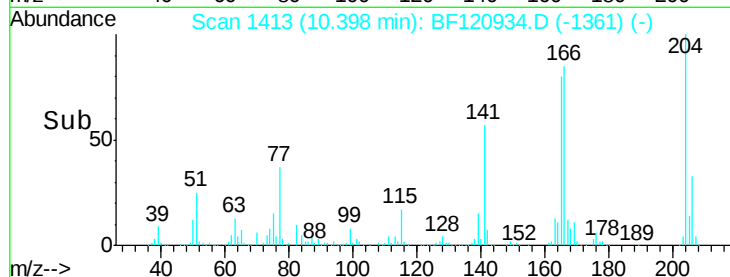
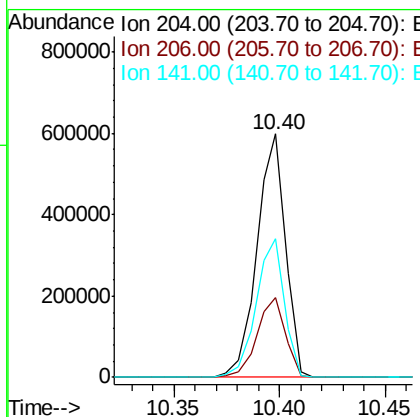
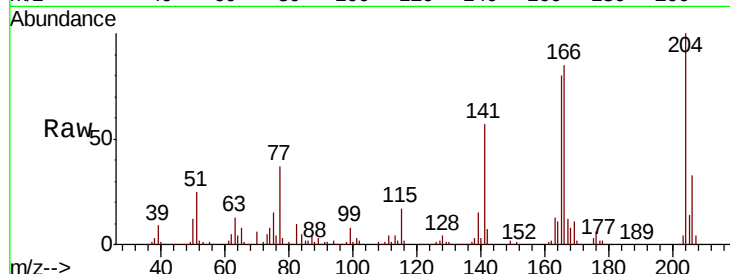




#61
4-Chlorophenyl-phenylether
Concen: 40.035 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

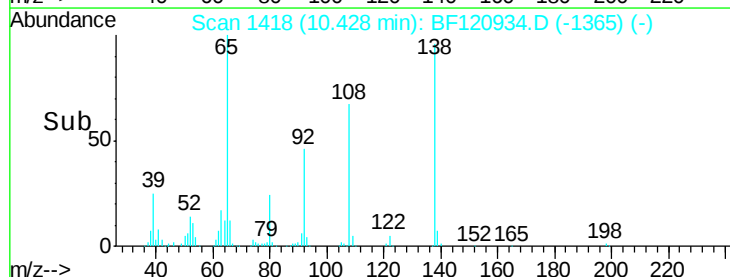
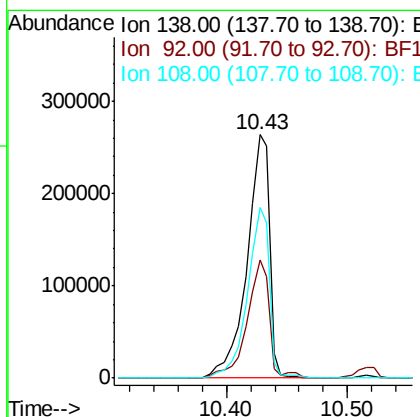
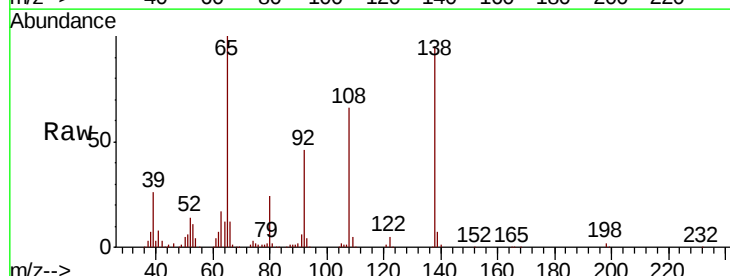
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

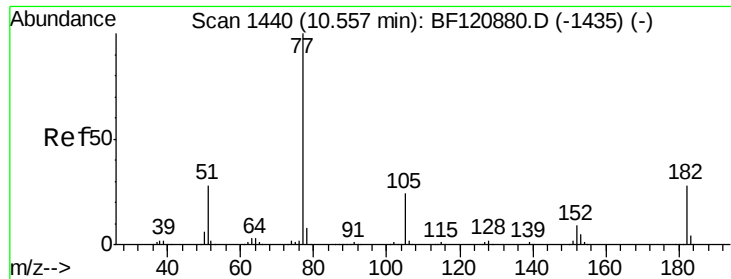
Tot Ion:204 Resp: 560183
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 57.1 47.2 70.8



#62
4-Nitroaniline
Concen: 46.158 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:138 Resp: 346099
Ion Ratio Lower Upper
138 100
92 48.6 28.6 68.6
108 69.9 51.1 91.1





#63

Azobenzene

Concen: 47.024 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion: 77 Resp: 1293574

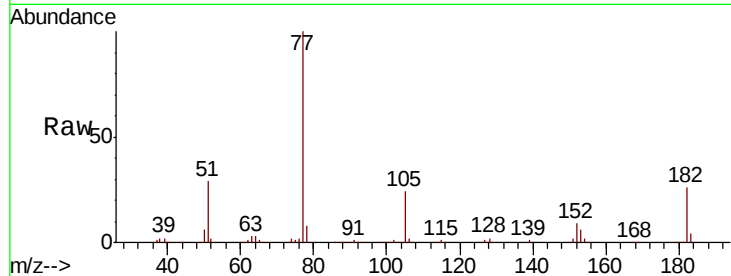
Ion Ratio Lower Upper

77 100

182 26.3 7.8 47.8

105 23.8 4.4 44.4

51 29.4 8.0 48.0

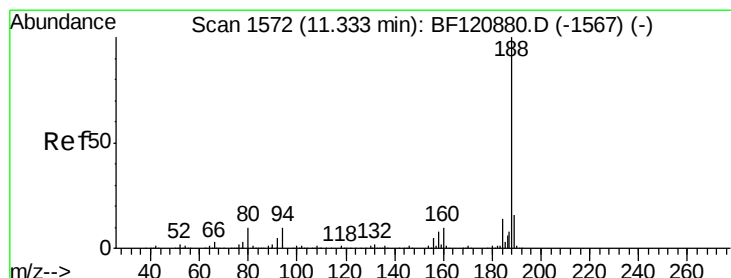
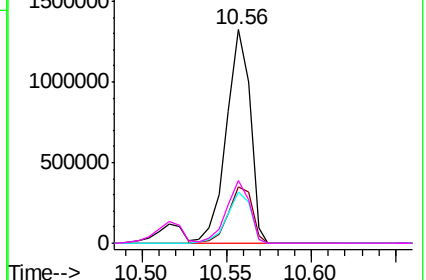
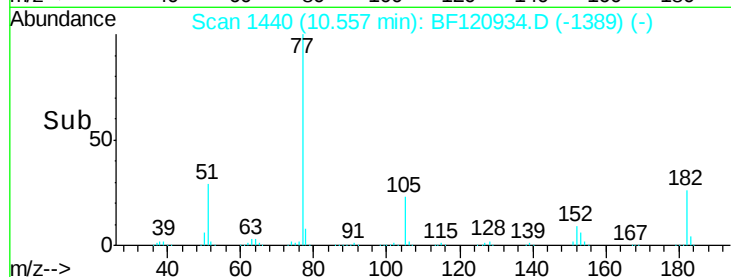


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

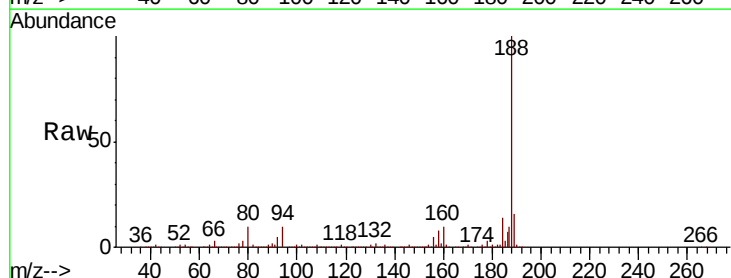
Tgt Ion: 188 Resp: 770939

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

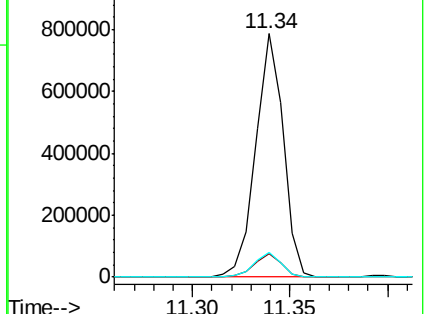
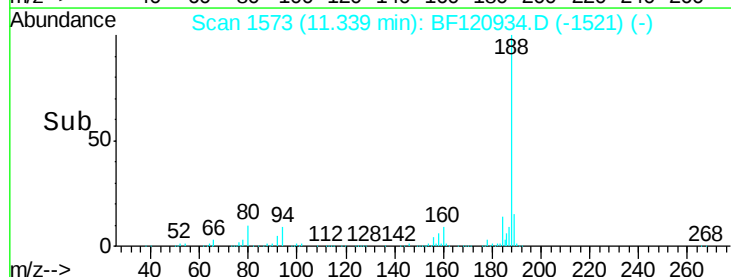
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

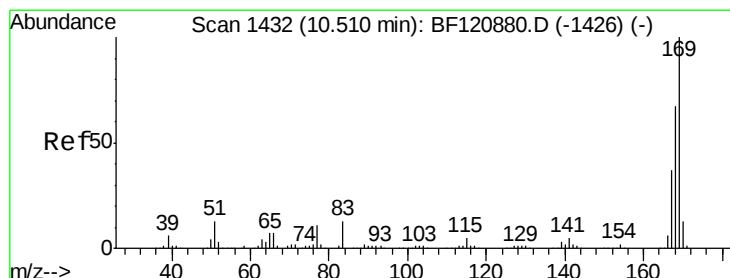
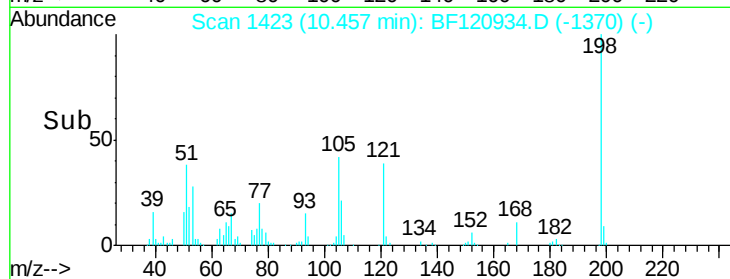
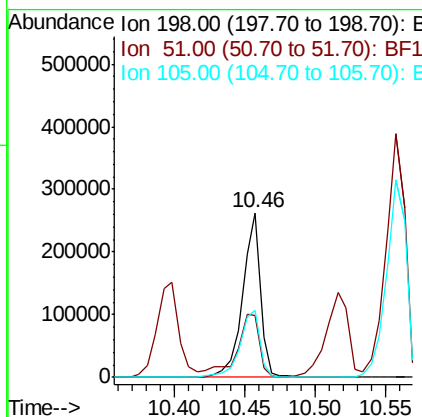
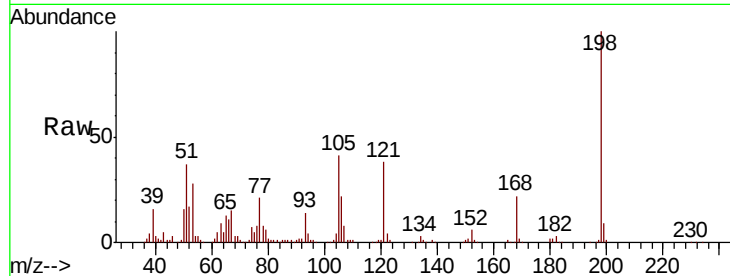




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.834 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

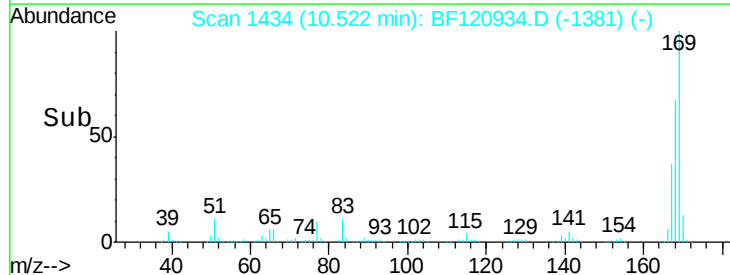
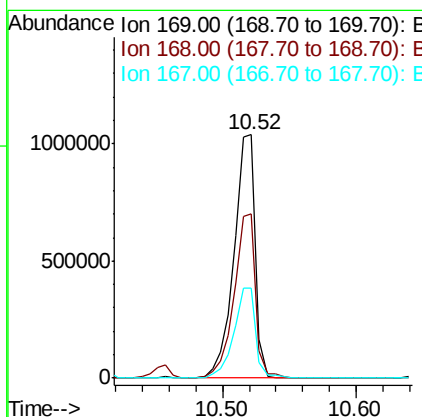
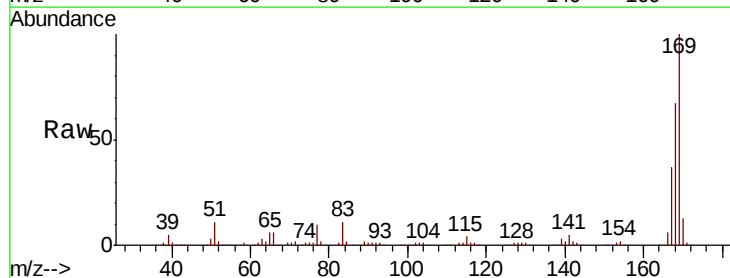
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:198 Resp: 232764
 Ion Ratio Lower Upper
 198 100
 51 37.4 19.5 59.5
 105 41.0 24.4 64.4



#66
 n-Nitrosodiphenylamine
 Concen: 47.917 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:169 Resp: 1162094
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.0
 167 37.1 29.4 44.0

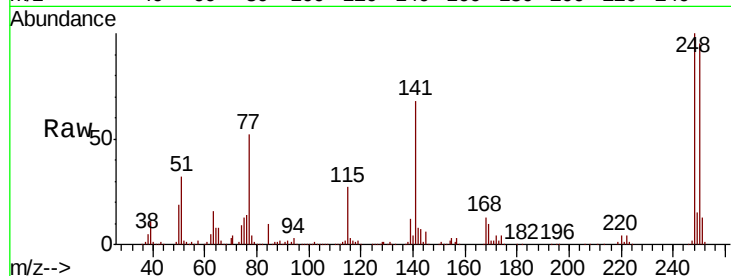




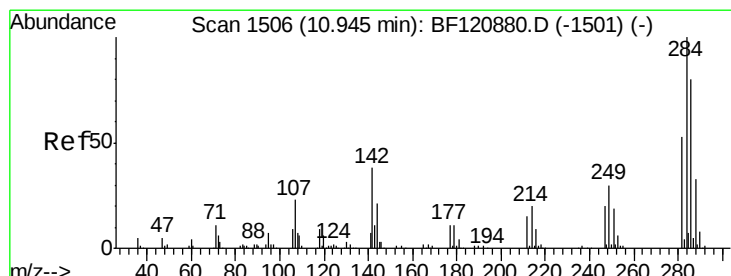
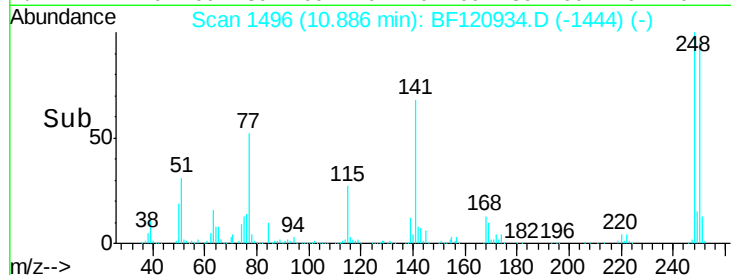
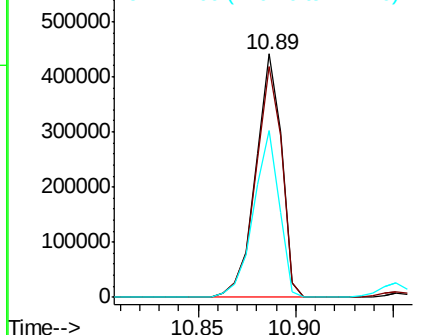
#67
 4-Bromophenyl-phenylether
 Concen: 47.026 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:248 Resp: 404206
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.1 115.7
 141 68.3 61.2 91.8

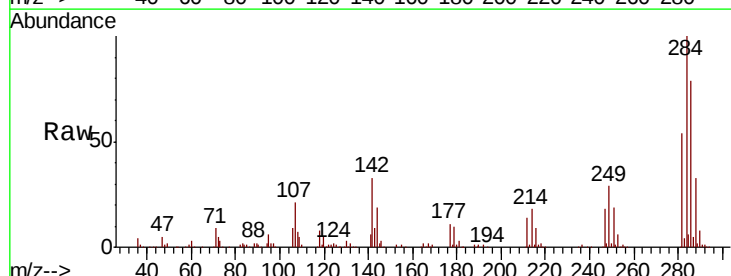


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

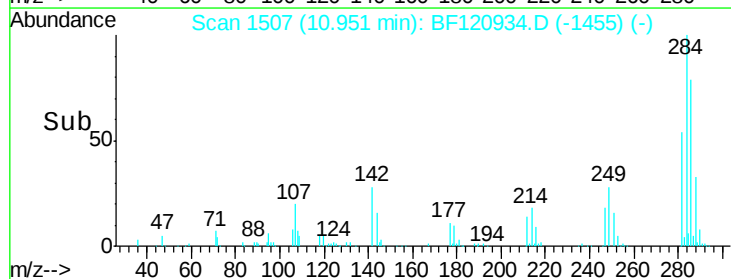
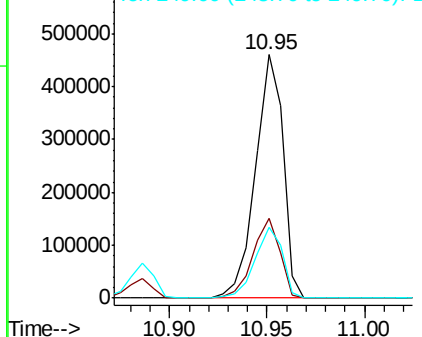


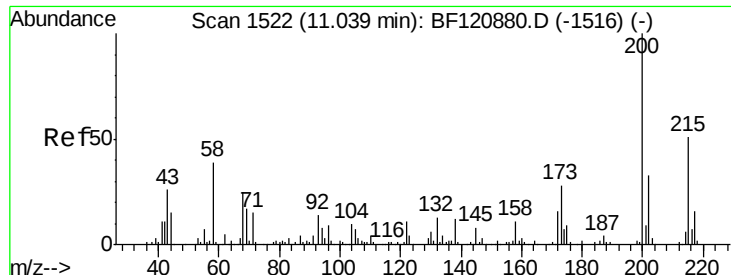
#68
 Hexachlorobenzene
 Concen: 48.678 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:284 Resp: 452608
 Ion Ratio Lower Upper
 284 100
 142 33.0 30.2 45.2
 249 29.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

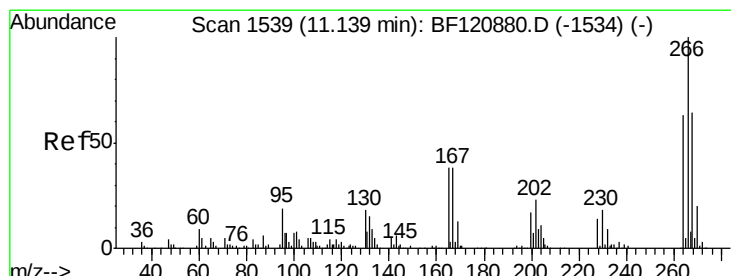
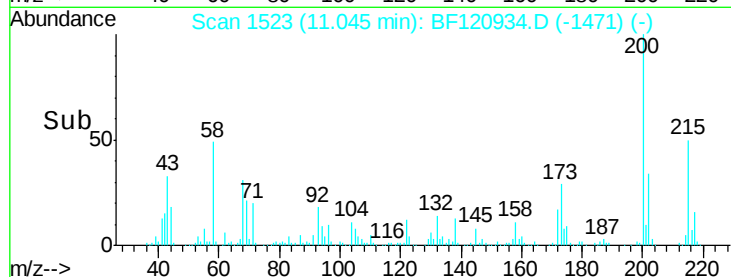
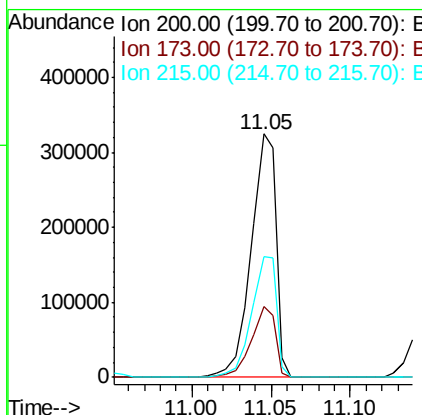
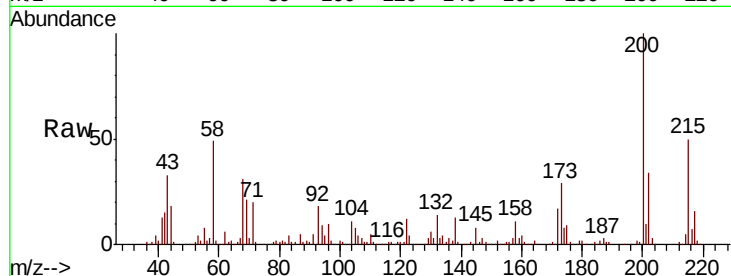




#69
 Atrazine
 Concen: 58.994 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

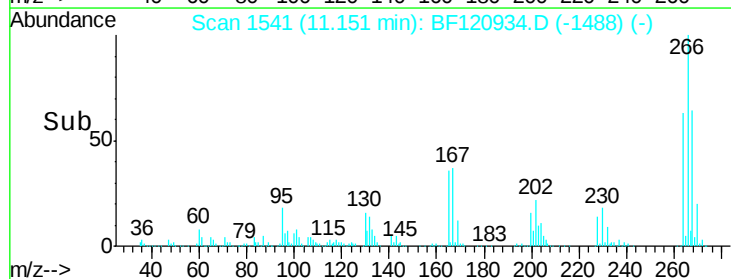
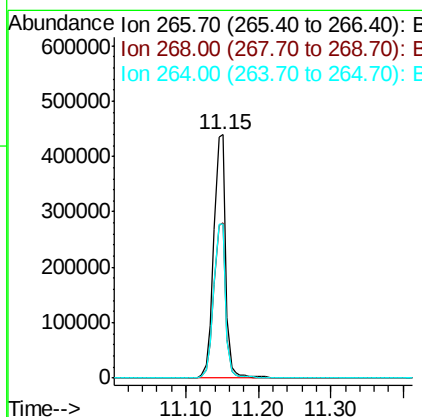
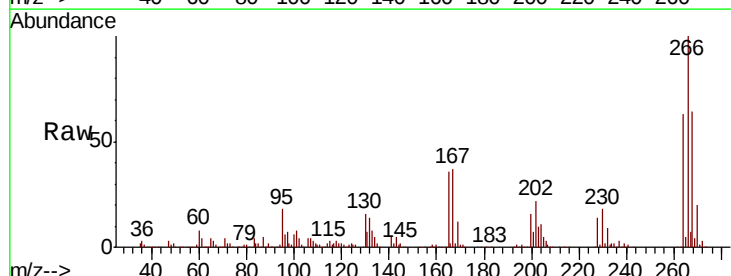
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

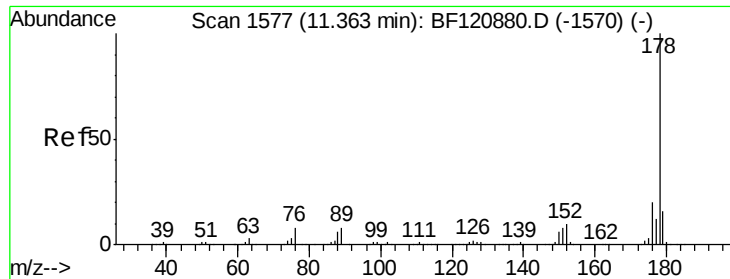
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.0	48.0
215	49.7	31.5	71.5



#70
 Pentachlorophenol
 Concen: 95.934 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.0	50.2	75.2

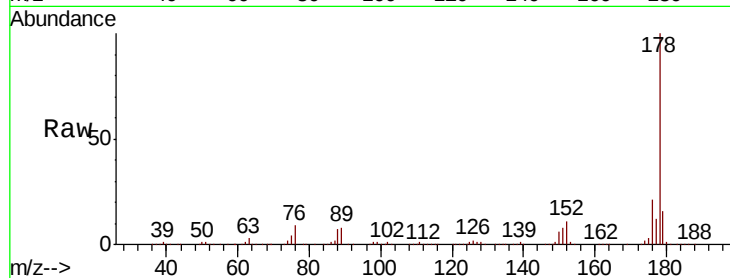




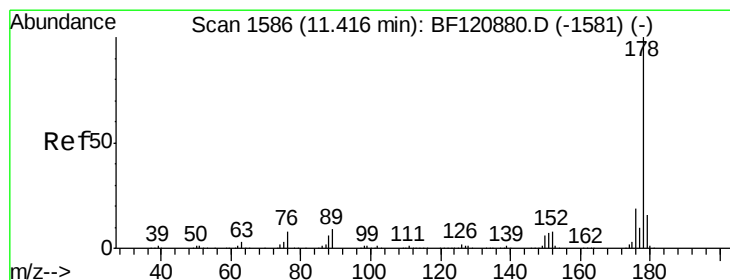
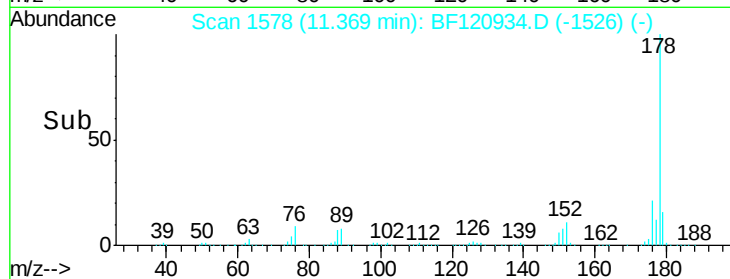
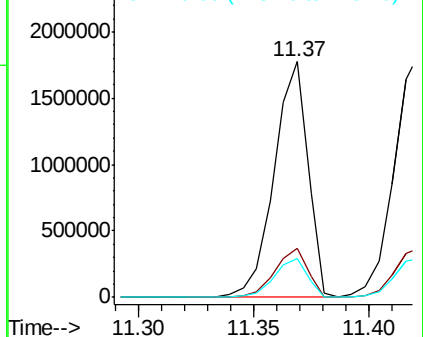
#71
Phenanthrene
Concen: 45.318 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:178 Resp: 1796847
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.3 12.8 19.2

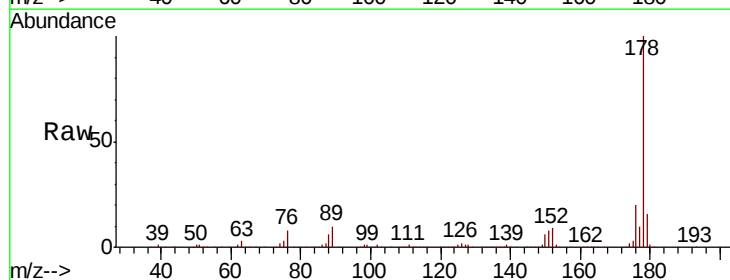


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

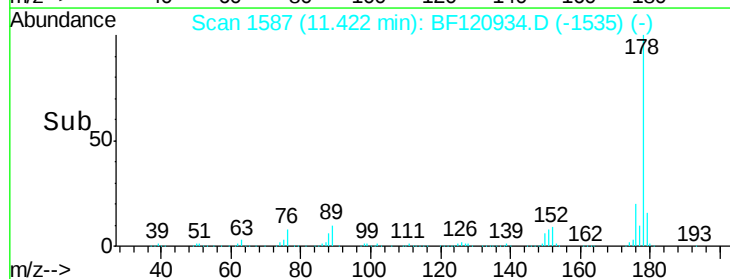
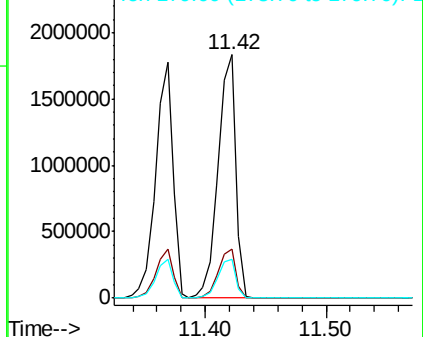


#72
Anthracene
Concen: 46.173 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:178 Resp: 1838329
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

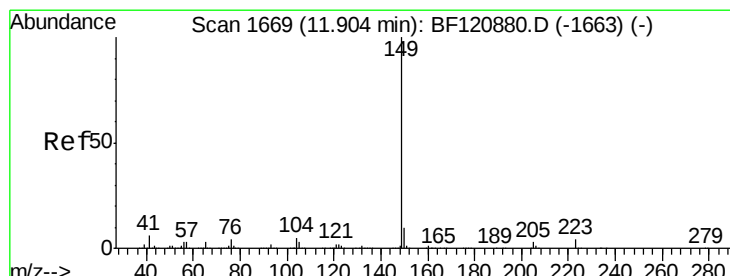
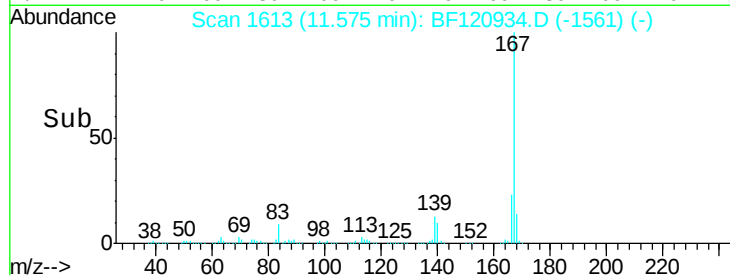
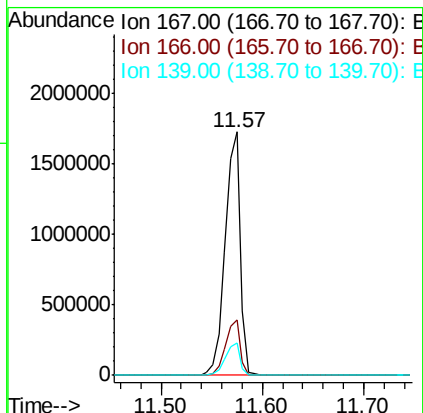
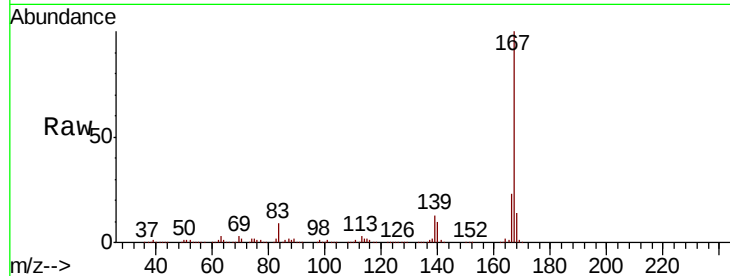




#73
 Carbazole
 Concen: 45.108 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

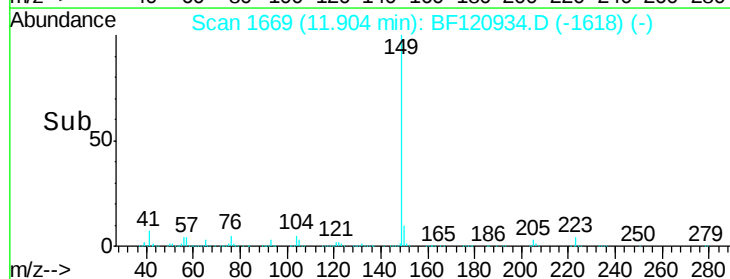
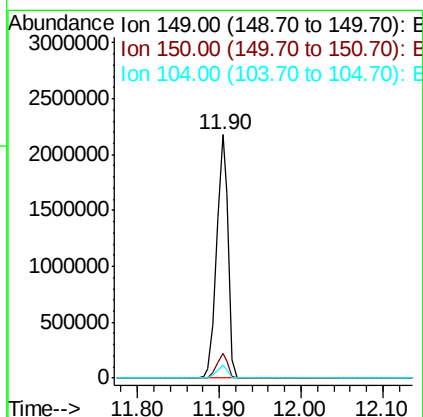
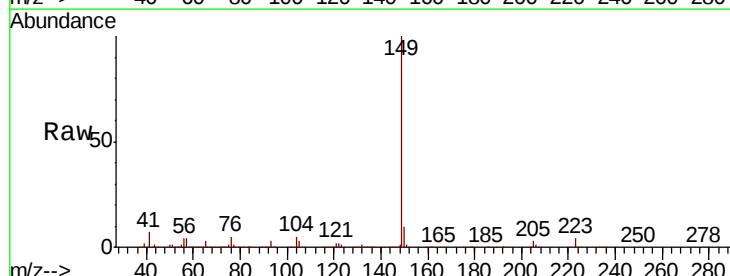
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

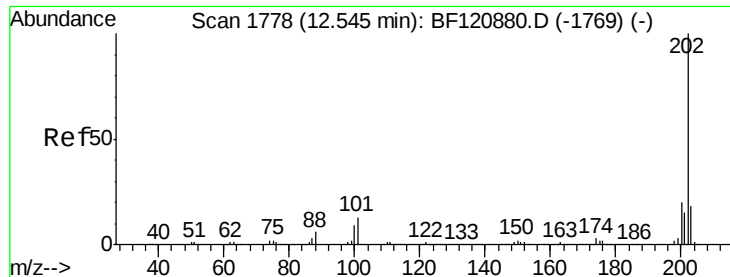
Tot Ion:167 Resp: 1782281
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.7 26.5
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.622 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:149 Resp: 2125806
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.2 3.8 5.6

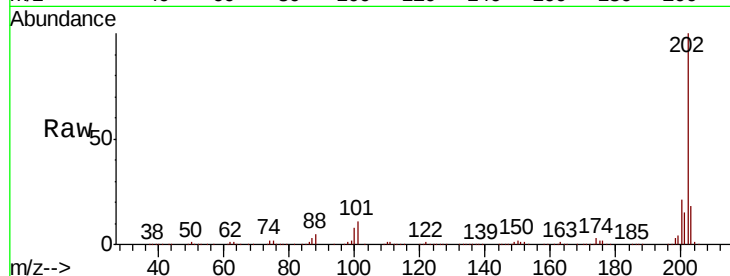




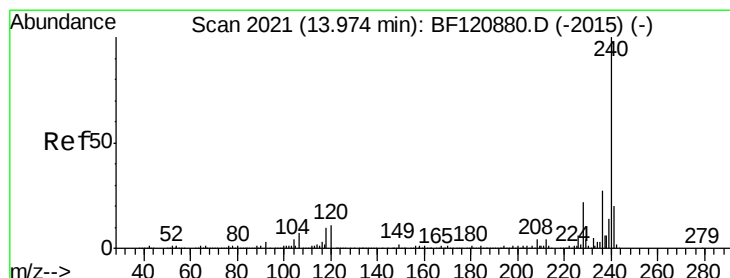
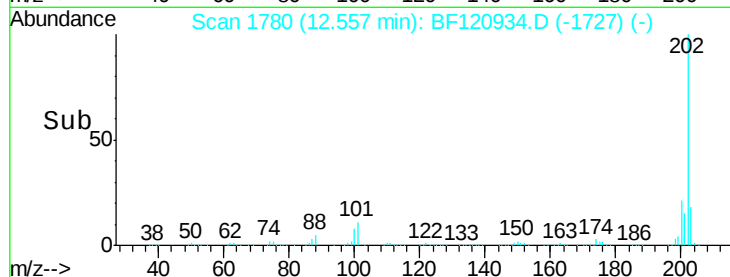
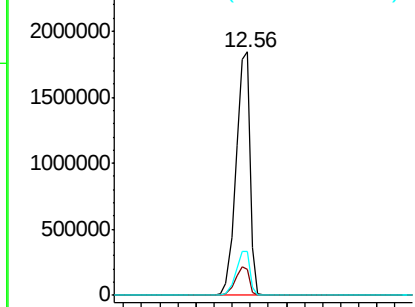
#75
 Fluoranthene
 Concen: 45.919 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

Tot Ion:202 Resp: 2018088
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 32.7
 203 18.3 0.0 38.0

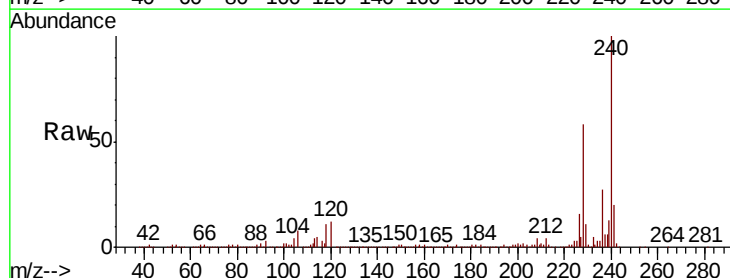


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

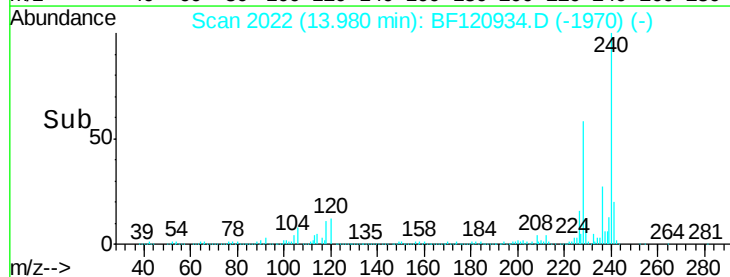
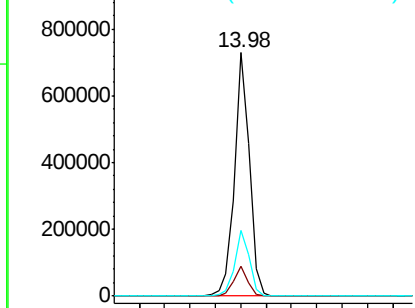


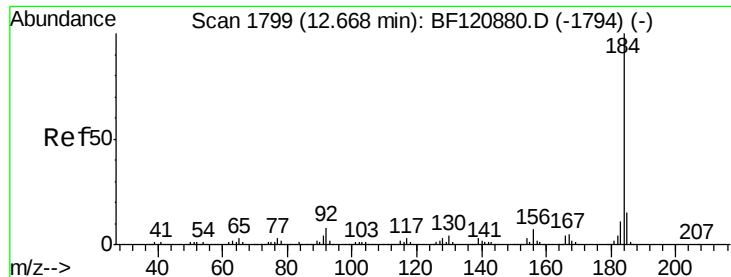
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:240 Resp: 583630
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.0 13.4
 236 26.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 1000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.504 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

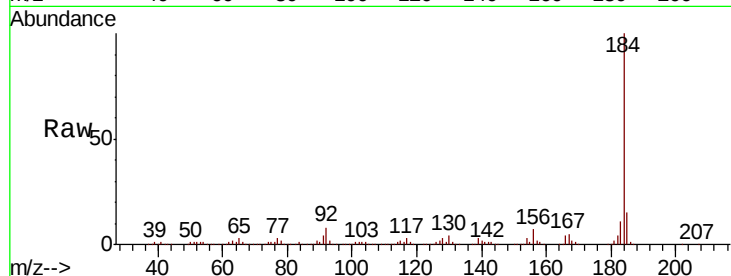
BNA_F

ClientSampleId :

TP-15-SMSD

Tot Ion:184 Resp: 913070

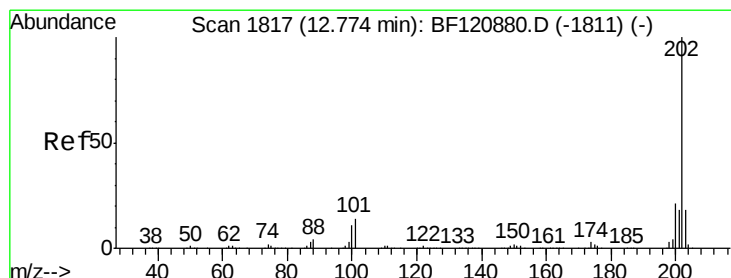
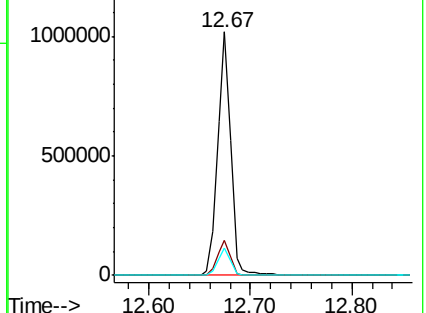
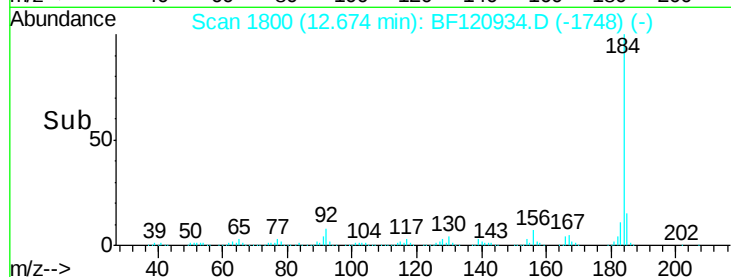
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	11.1	8.5	12.7



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: 49.446 ng

RT: 12.79 min Scan# 1819

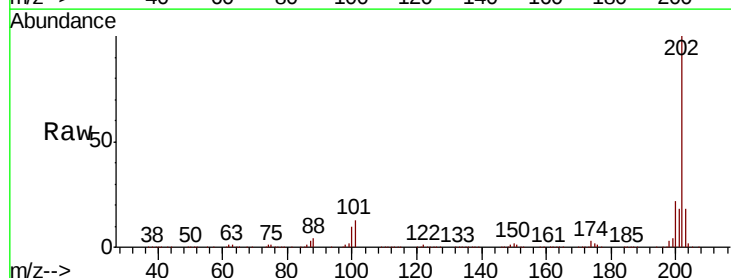
Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Tgt Ion:202 Resp: 2040275

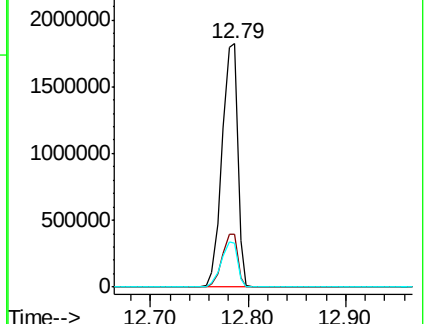
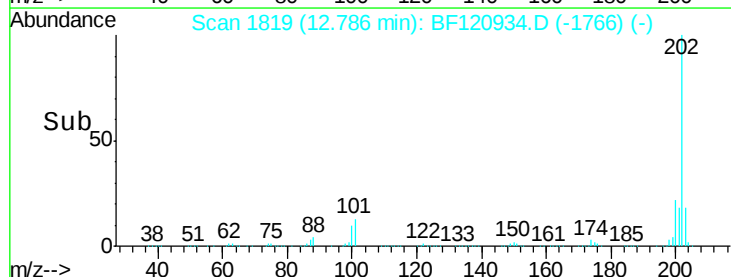
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.0	14.4	21.6



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: 51.079 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

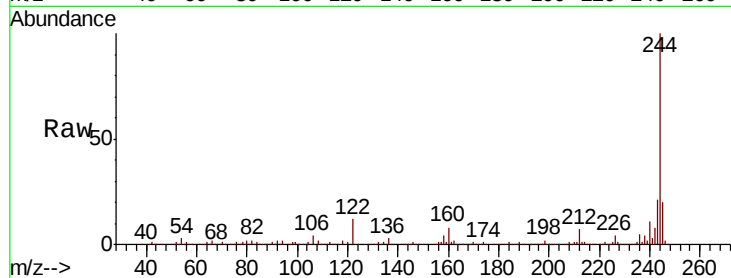
Tot Ion:244 Resp: 1371404

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

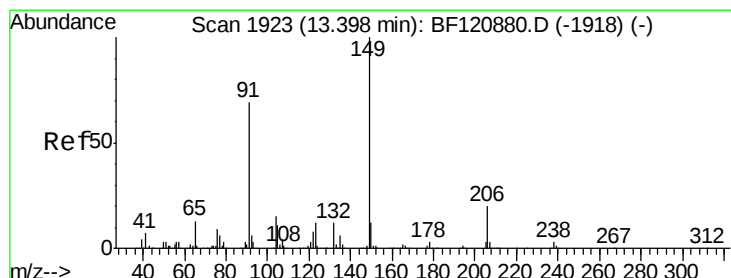
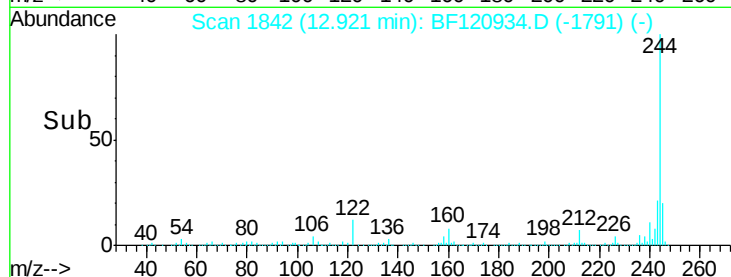
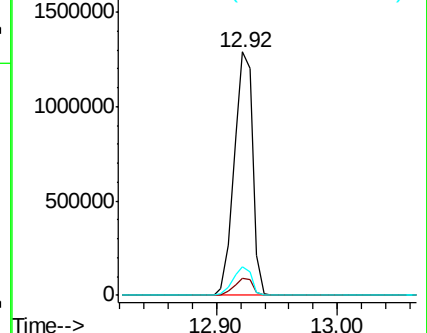
122 11.7 8.9 13.3



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



#80

Butylbenzylphthalate

Concen: 51.737 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

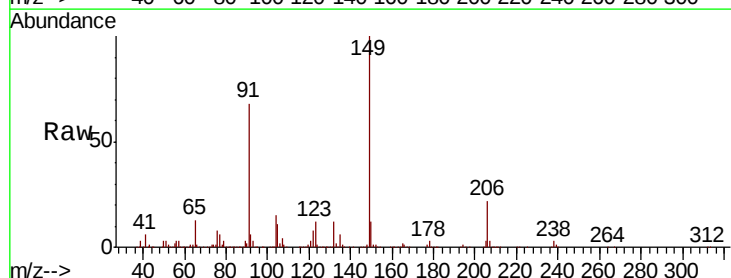
Tgt Ion:149 Resp: 951665

Ion Ratio Lower Upper

149 100

91 68.1 55.1 82.7

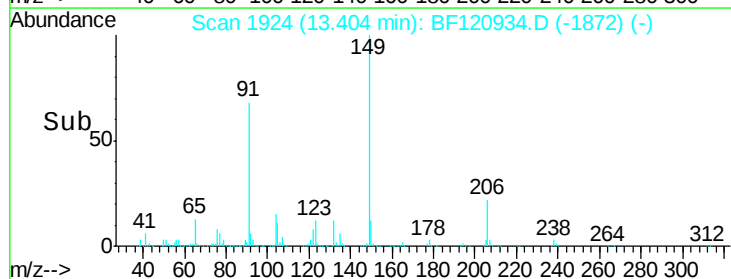
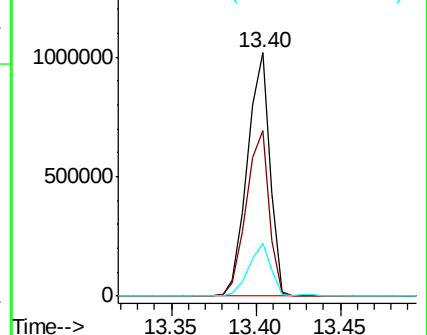
206 21.8 16.1 24.1

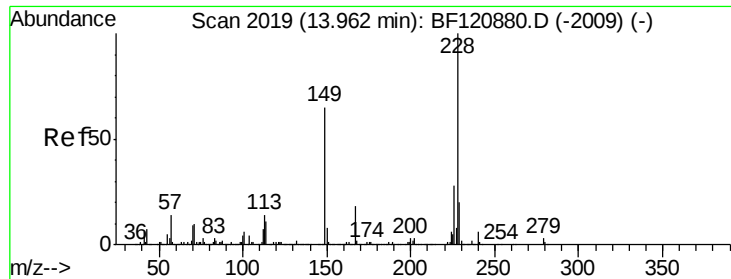


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

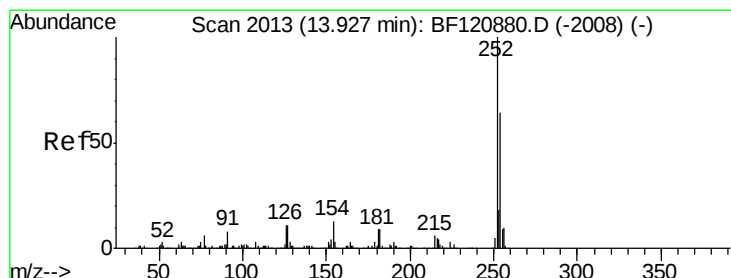
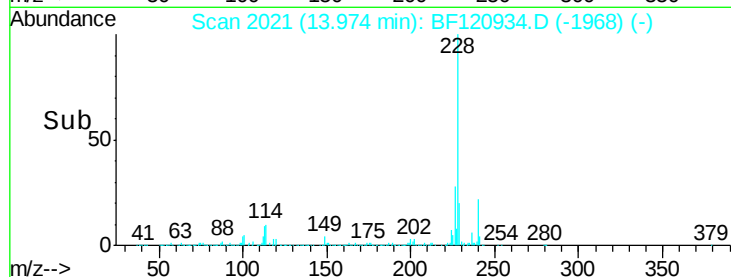
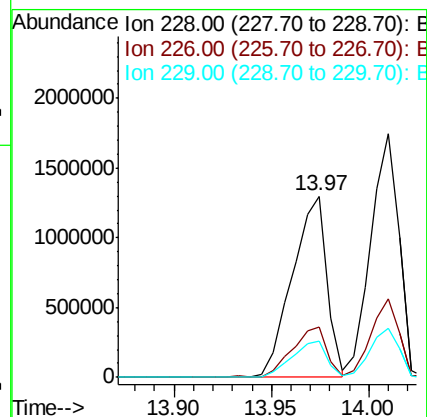
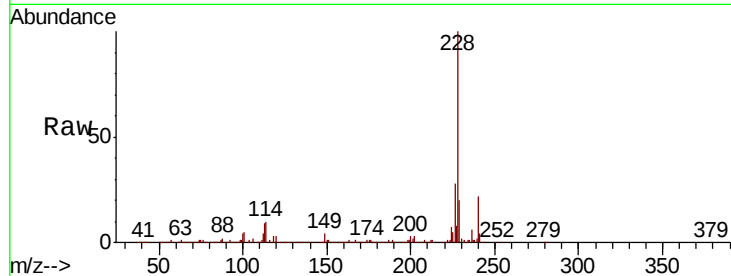




#81
Benzo(a)anthracene
Concen: 45.050 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

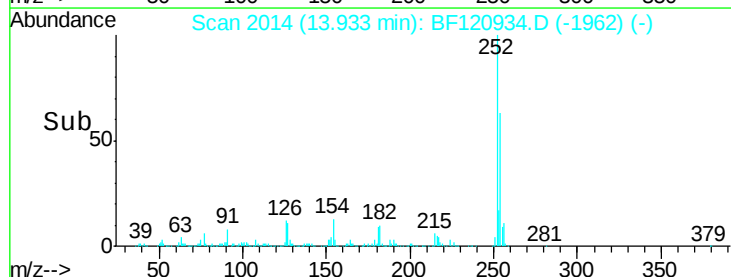
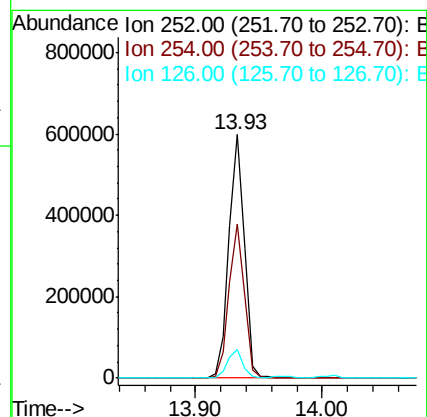
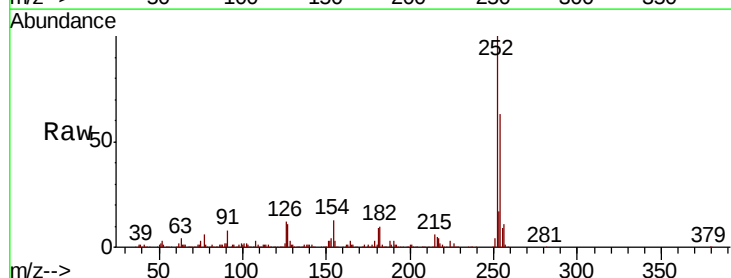
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Tot Ion:228 Resp: 1592134
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.236 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:252 Resp: 509815
Ion Ratio Lower Upper
252 100
254 63.4 51.2 76.8
126 11.9 8.7 13.1





#83

Chrysene

Concen: 47.456 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

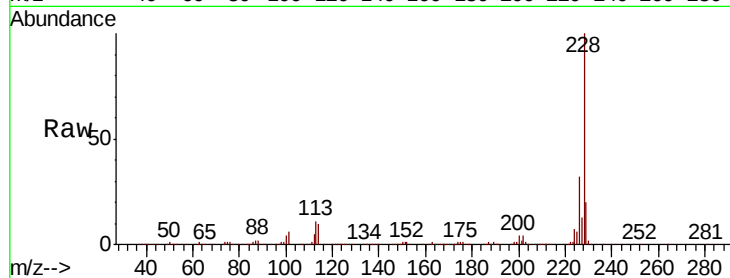
Tot Ion:228 Resp: 1762551

Ion Ratio Lower Upper

228 100

226 32.1 25.6 38.4

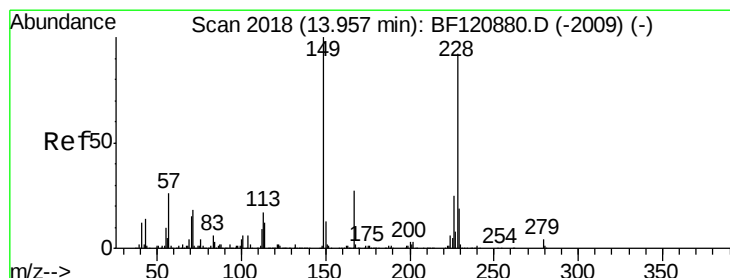
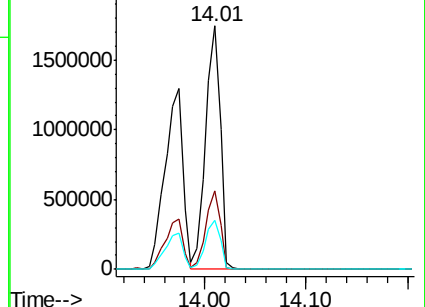
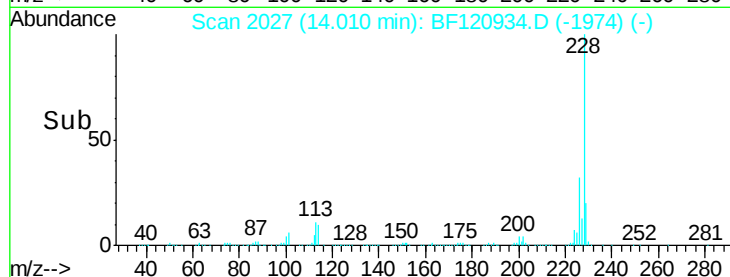
229 20.3 16.8 25.2



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: 46.616 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

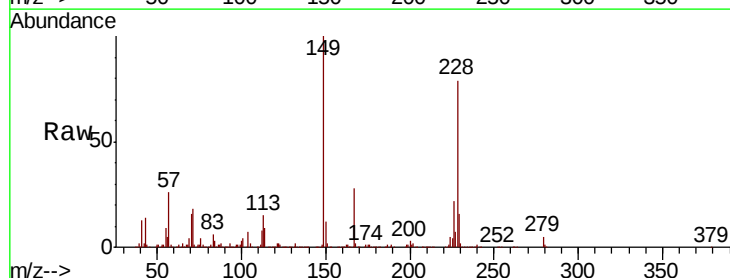
Tgt Ion:149 Resp: 1057371

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

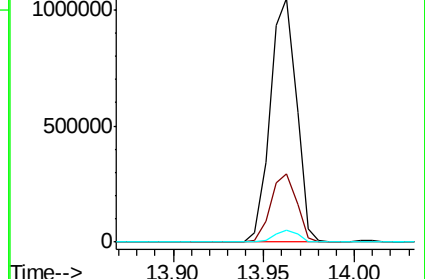
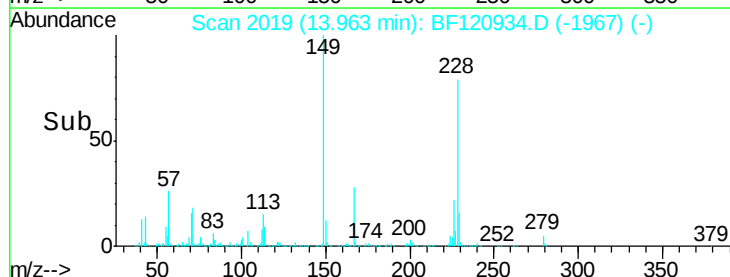
279 4.7 3.0 4.4#

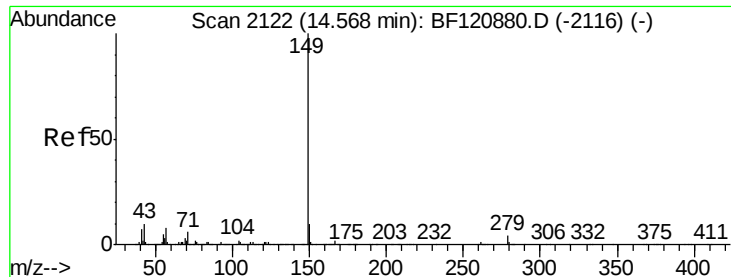


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.686 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-15-SMSD

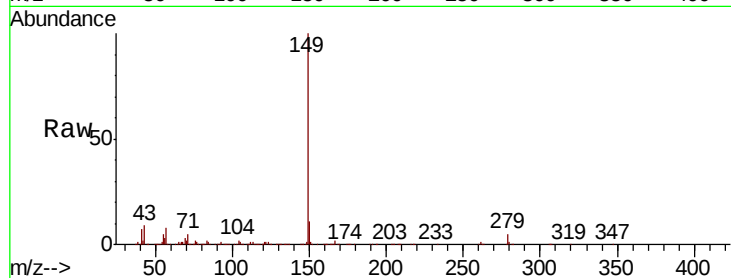
Tot Ion:149 Resp: 2197034

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

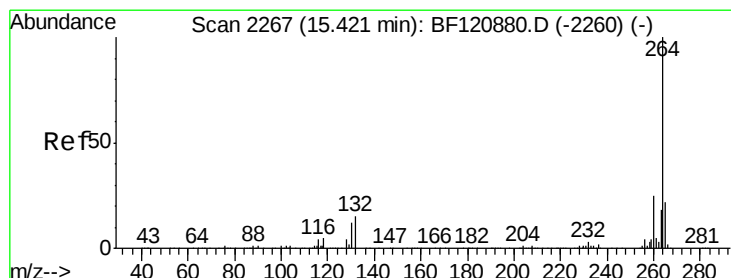
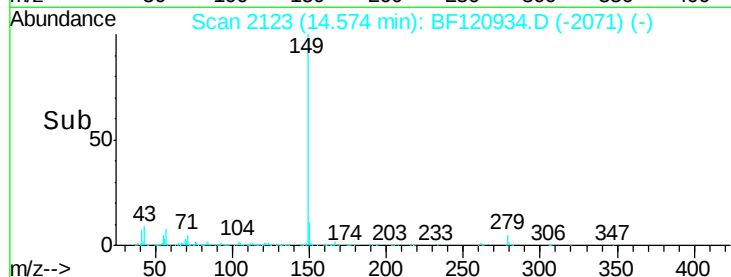
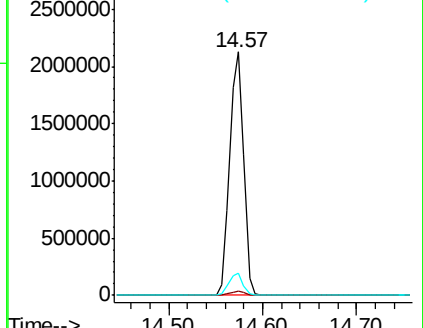
43 9.0 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

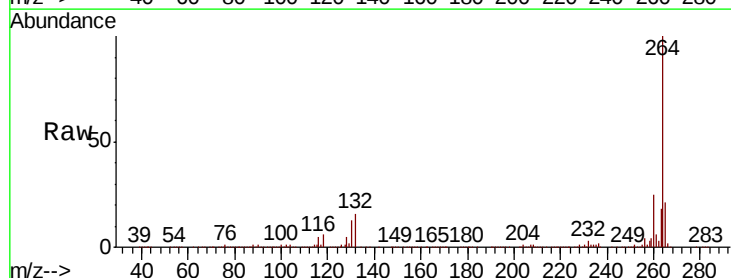
Tgt Ion:264 Resp: 600343

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

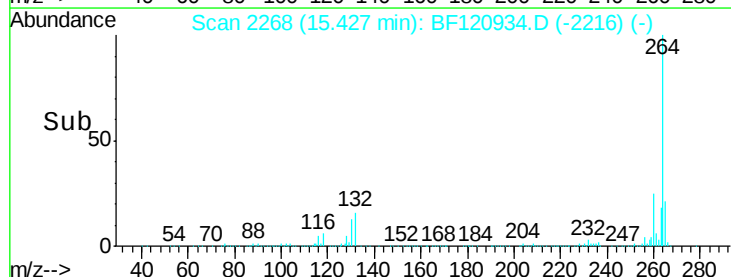
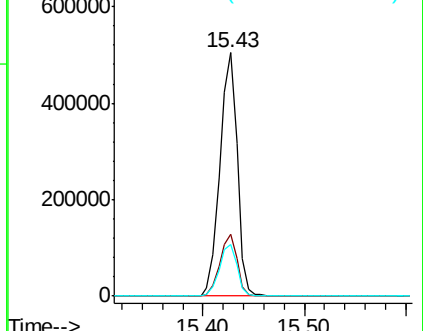
265 21.4 17.4 26.2

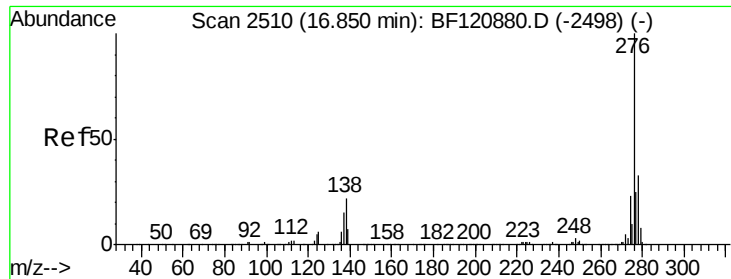


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

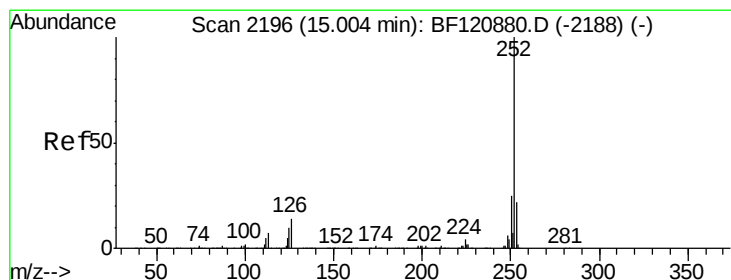
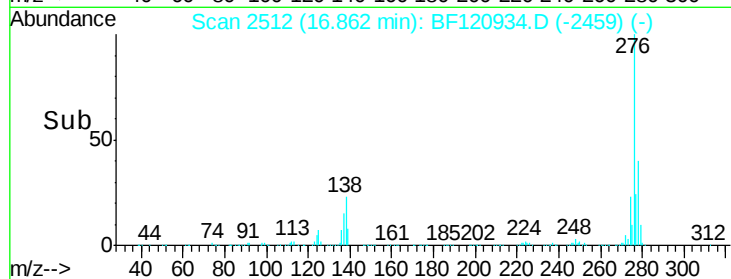
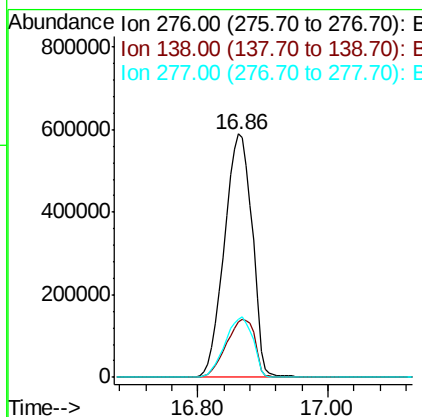
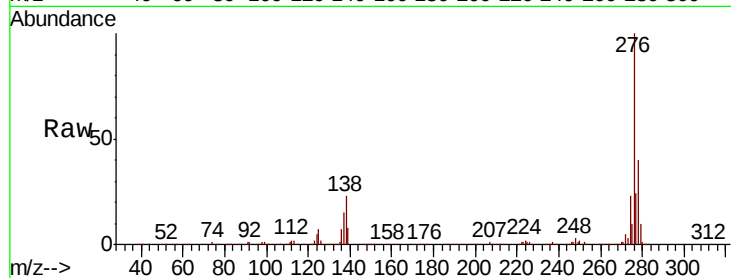




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.753 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

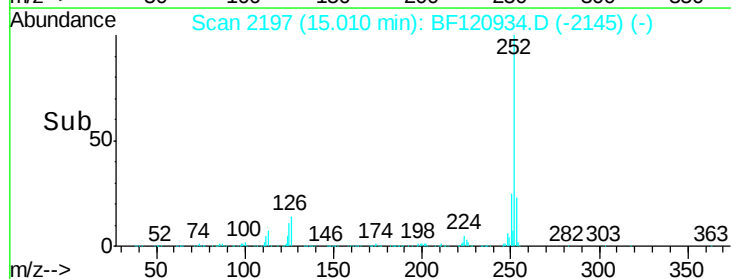
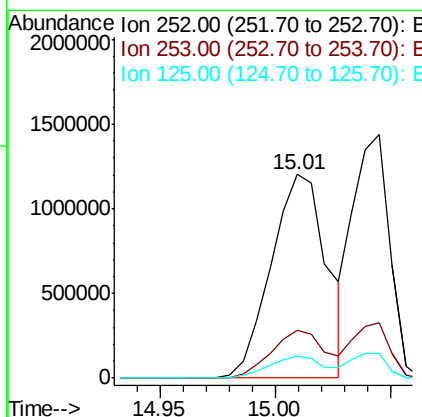
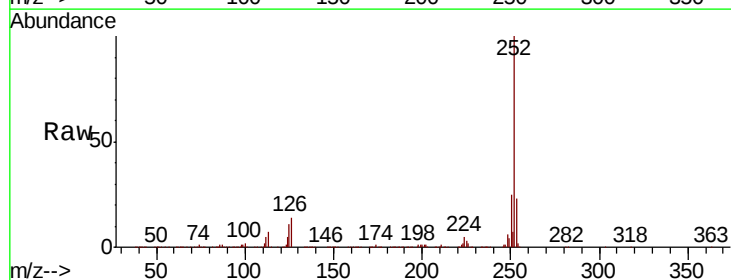
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMSD

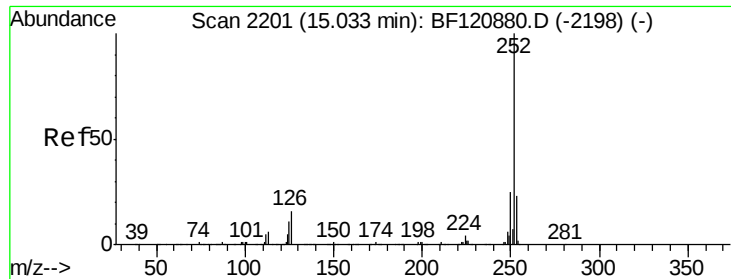
Tot Ion:276 Resp: 1743257
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.8 29.8
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 55.378 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120934.D
 Acq: 20 Jul 2020 15:39

Tgt Ion:252 Resp: 2009573
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 10.8 8.3 12.5

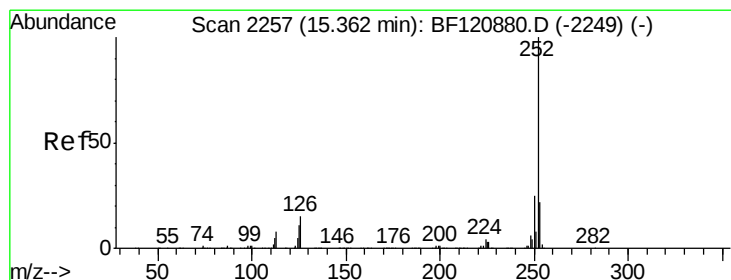
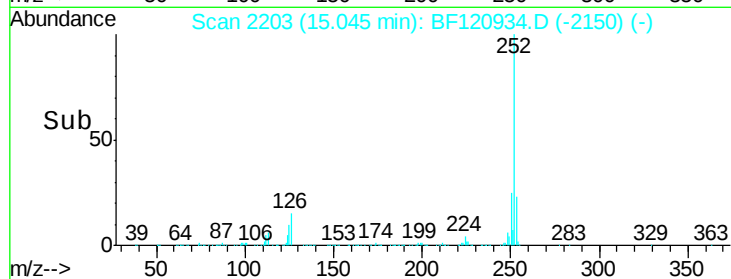
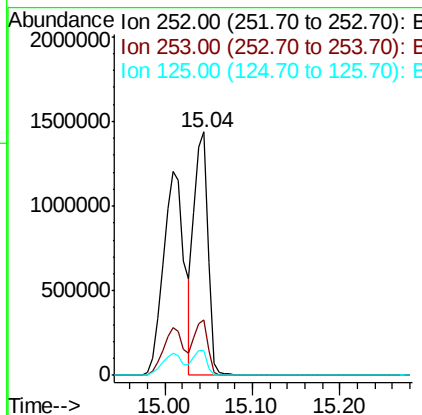
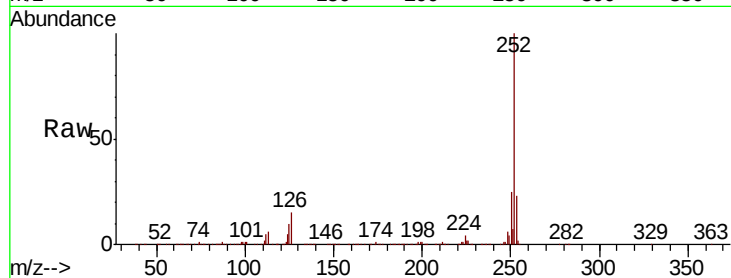




#89
Benzo(k)fluoranthene
Concen: 48.502 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

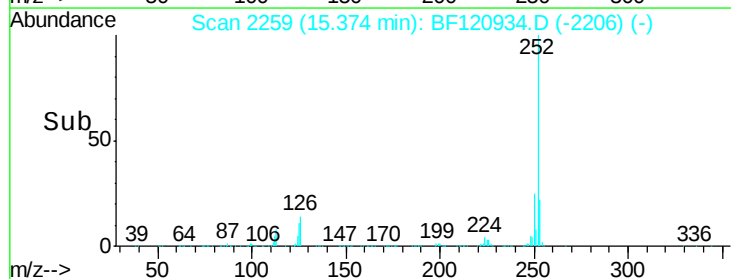
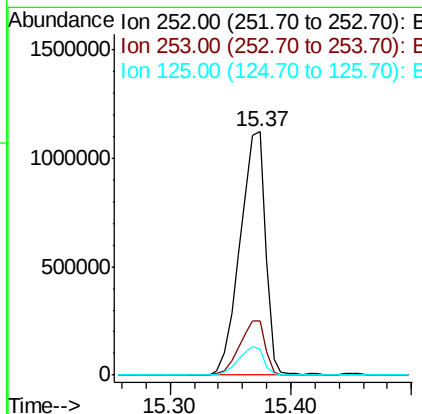
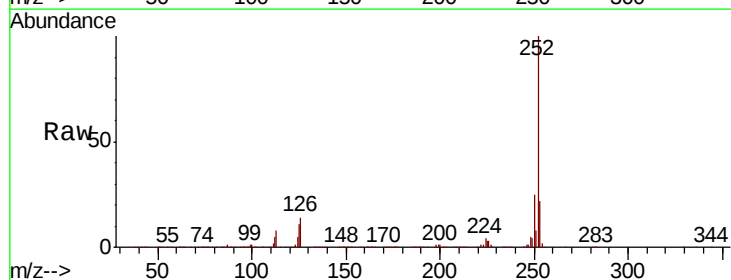
Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

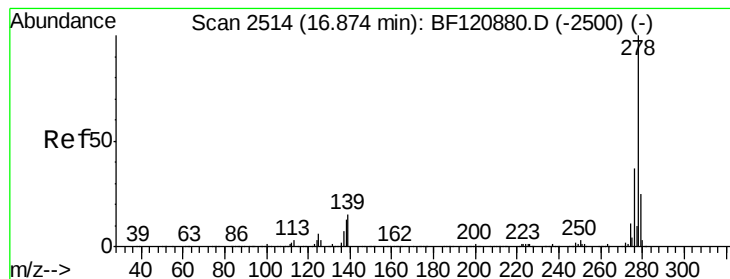
Tot Ion:252 Resp: 1605174
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 50.080 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF120934.D
Acq: 20 Jul 2020 15:39

Tgt Ion:252 Resp: 1658057
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 42.177 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

Instrument :

BNA_F

ClientSampled :

TP-15-SMSD

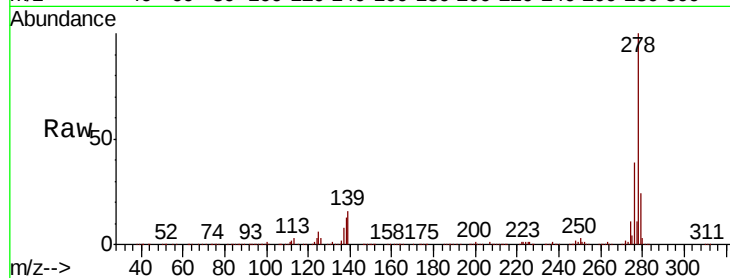
Tot Ion:278 Resp: 1438440

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

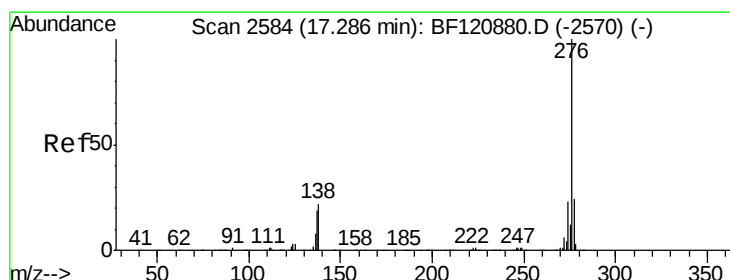
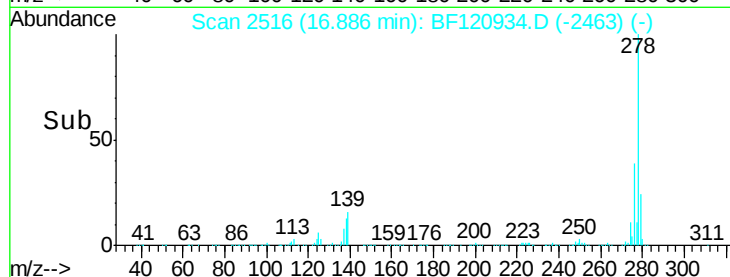
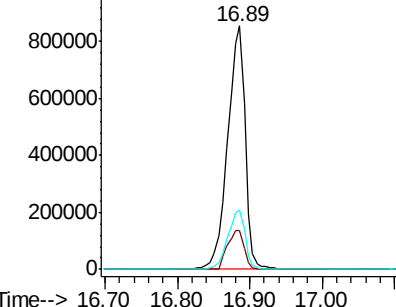
279 24.4 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.917 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF120934.D

Acq: 20 Jul 2020 15:39

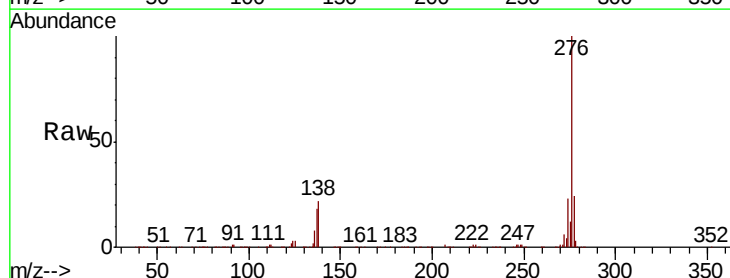
Tgt Ion:276 Resp: 1375920

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.0 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

