

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121187.D
 Acq On : 5 Aug 2020 11:26
 Operator : JU/CG
 Sample : PB130722BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Quant Time: Aug 05 12:08:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147788	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	578047	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	303856	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	573241	20.00	ng	0.00
76) Chrysene-d12	13.97	240	437901	20.00	ng	0.00
86) Perylene-d12	15.42	264	431519	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	907033	100.61	ng	0.00
7) Phenol-d6	6.44	99	1105780	94.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	743012	74.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	345371	103.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1361449	66.90	ng	0.00
79) Terphenyl-d14	12.91	244	1360644	67.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	141783	34.173	ng	100
3) Pyridine	3.32	79	334152	30.275	ng	99
4) n-Nitrosodimethylamine	3.27	42	179104	37.949	ng	97
6) Aniline	6.46	93	507451	33.383	ng	# 86
8) 2-Chlorophenol	6.58	128	421892	42.481	ng	99
9) Benzaldehyde	6.35	77	263646	49.846	ng	99
10) Phenol	6.45	94	481473	37.586	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	391615	39.890	ng	100
12) 1,3-Dichlorobenzene	6.73	146	415626	38.595	ng	98
13) 1,4-Dichlorobenzene	6.81	146	425329	39.720	ng	98
14) 1,2-Dichlorobenzene	6.96	146	410813	40.553	ng	99
15) Benzyl Alcohol	6.94	79	329094	39.962	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	532534	37.634	ng	97
17) 2-Methylphenol	7.06	107	334998	38.058	ng	99
18) Hexachloroethane	7.30	117	156966	40.500	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	251132	37.925	ng	99
20) 3+4-Methylphenols	7.21	107	380567	33.987	ng	95
22) Acetophenone	7.20	105	523613	40.361	ng	95
24) Nitrobenzene	7.38	77	414488	38.496	ng	99
25) Isophorone	7.62	82	766277	38.434	ng	98
26) 2-Nitrophenol	7.70	139	228036	44.593	ng	96
27) 2,4-Dimethylphenol	7.74	122	363174	43.742	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	497278	40.860	ng	99
29) 2,4-Dichlorophenol	7.94	162	346830	40.880	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	371265	39.443	ng	99
31) Naphthalene	8.10	128	1149650	38.773	ng	100
32) Benzoic acid	7.87	122	191939	30.797	ng	98
33) 4-Chloroaniline	8.15	127	397324	30.039	ng	99
34) Hexachlorobutadiene	8.22	225	213317	38.443	ng	98
35) Caprolactam	8.53	113	78193	28.740	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	355920	40.905	ng	96
37) 2-Methylnaphthalene	8.79	142	786291	40.841	ng	99
38) 1-Methylnaphthalene	8.89	142	735563	40.340	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358929	40.543	ng	99

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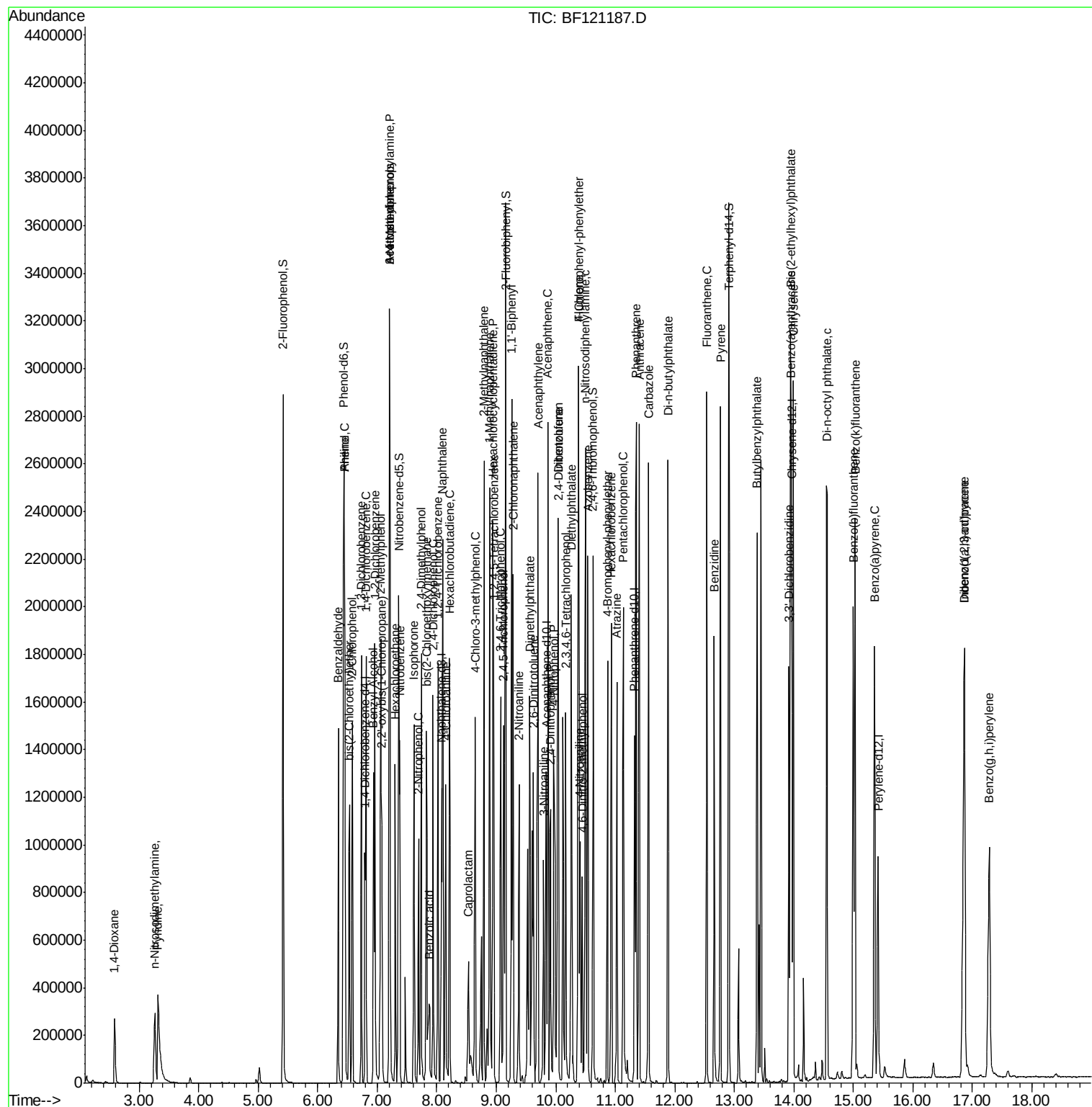
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	364701	74.537	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	249170	39.974	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	264296	37.379	nq	98
46) 1,1'-Biphenyl	9.26	154	945251	40.782	nq	100
47) 2-Chloronaphthalene	9.29	162	725785	38.407	nq	99
48) 2-Nitroaniline	9.38	65	224017	39.227	nq	99
49) Acenaphthylene	9.70	152	1150541	39.191	nq	100
50) Dimethylphthalate	9.56	163	873413	39.843	nq	100
51) 2,6-Dinitrotoluene	9.63	165	193452	41.076	nq	92
52) Acenaphthene	9.87	154	671752	35.991	nq	99
53) 3-Nitroaniline	9.79	138	161364	27.319	nq	99
54) 2,4-Dinitrophenol	9.91	184	184096	68.944	nq	99
55) Dibenzofuran	10.05	168	1004976	37.234	nq	98
56) 4-Nitrophenol	9.97	139	296512	66.084	nq	98
57) 2,4-Dinitrotoluene	10.03	165	249772	40.386	nq	93
58) Fluorene	10.39	166	754998	37.505	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221888	41.216	nq	100
60) Diethylphthalate	10.26	149	858879	38.736	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	379557	35.350	nq	99
62) 4-Nitroaniline	10.41	138	216074	37.554	nq	96
63) Azobenzene	10.54	77	800656	37.930	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	133389	40.829	nq	93
66) n-Nitrosodiphenylamine	10.50	169	728706	40.410	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	250747	39.233	nq	95
68) Hexachlorobenzene	10.93	284	286108	41.383	nq	# 93
69) Atrazine	11.03	200	211469	47.351	nq	99
70) Pentachlorophenol	11.13	266	299810	75.696	nq	99
71) Phenanthrene	11.35	178	1128144	38.266	nq	100
72) Anthracene	11.40	178	1178485	39.808	nq	99
73) Carbazole	11.56	167	1114276	37.927	nq	99
74) Di-n-butylphthalate	11.89	149	1329368	39.210	nq	99
75) Fluoranthene	12.54	202	1247413	38.172	nq	98
77) Benzidine	12.66	184	776709	67.462	nq	99
78) Pyrene	12.77	202	1279565	41.330	nq	100
80) Butylbenzylphthalate	13.38	149	579495	41.988	nq	95
81) Benzo(a)anthracene	13.96	228	1086963	40.991	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	372202	37.205	nq	100
83) Chrysene	13.99	228	1094368	39.272	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	763342	44.853	nq	99
85) Di-n-octyl phthalate	14.56	149	1362960	40.254	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1129568	37.639	nq	100
88) Benzo(b)fluoranthene	15.00	252	1094197	41.949	nq	100
89) Benzo(k)fluoranthene	15.03	252	1027626	43.199	nq	99
90) Benzo(a)pyrene	15.36	252	964602	40.533	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	934612	38.125	nq	99
92) Benzo(g,h,i)perylene	17.29	276	936064	38.727	nq	98

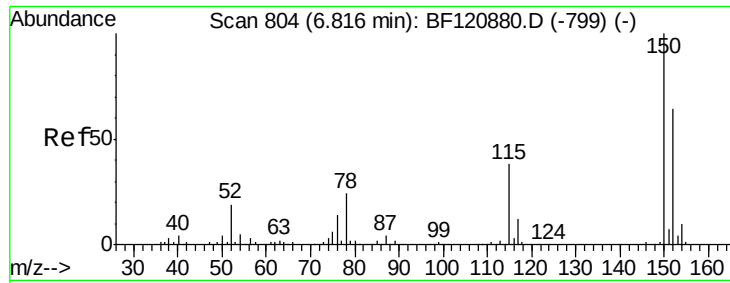
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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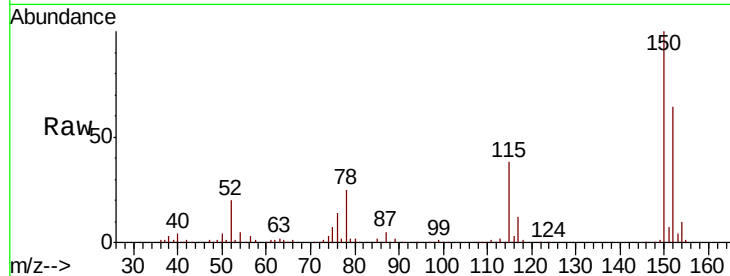


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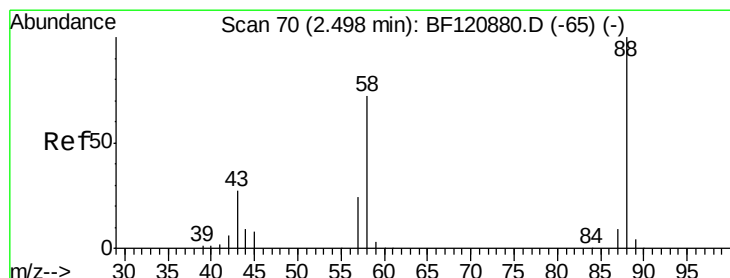
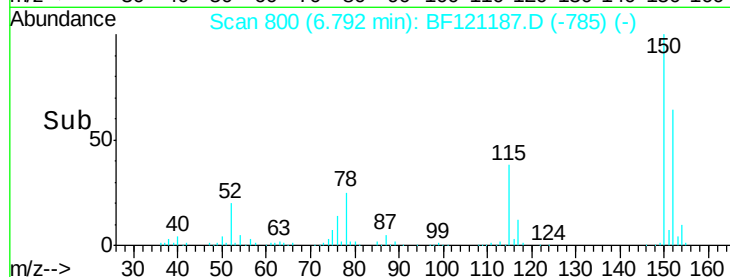
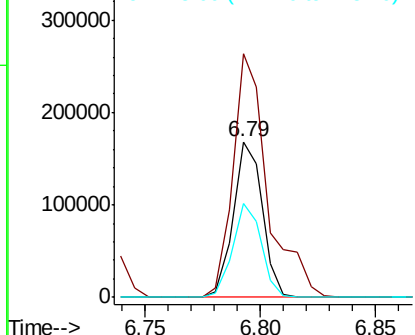
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:152 Resp: 147788
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 60.0 46.2 69.2



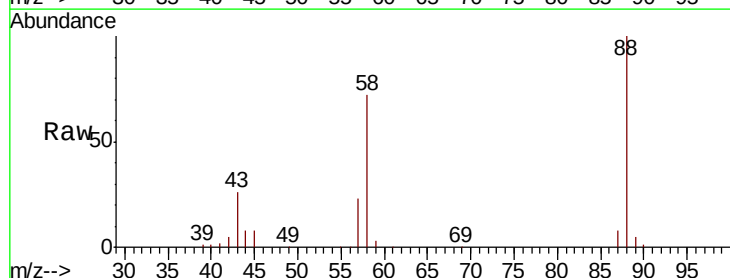
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



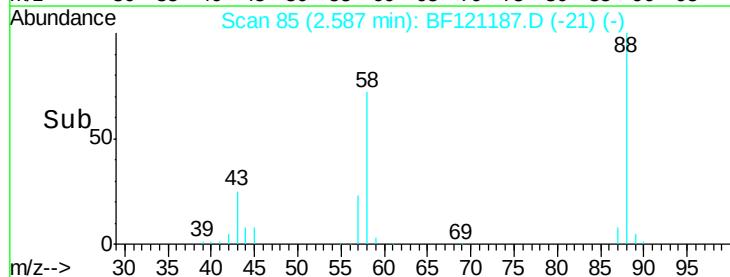
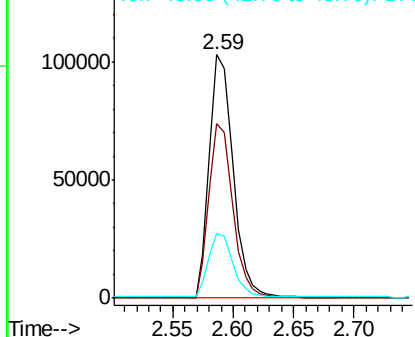
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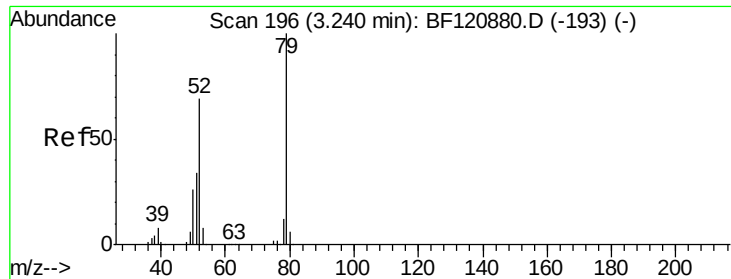
1,4-Dioxane
Concen: 34.173 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 88 Resp: 141783
Ion Ratio Lower Upper
88 100
58 72.4 58.2 87.4
43 26.3 21.3 31.9



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

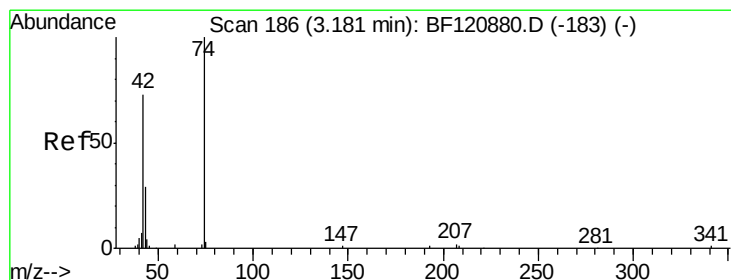
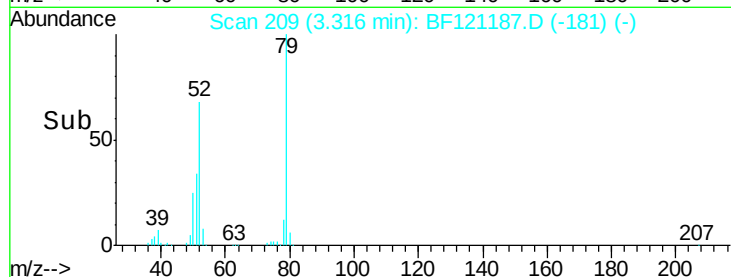
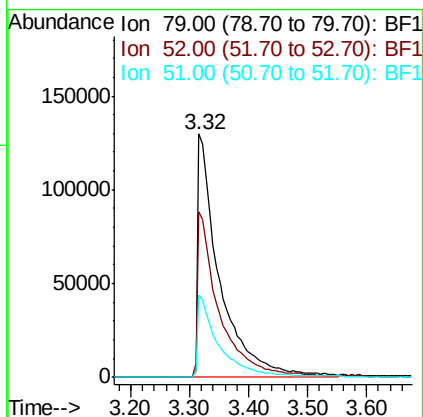
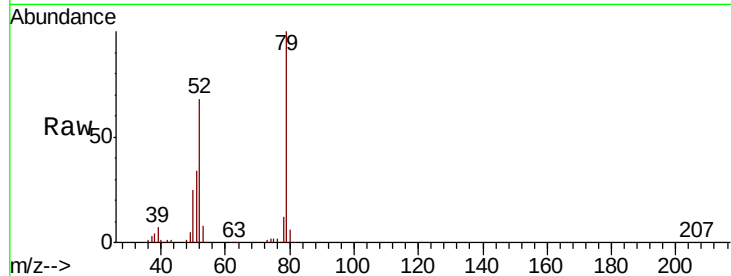




#3
 Pvridine
 Concen: 30.275 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

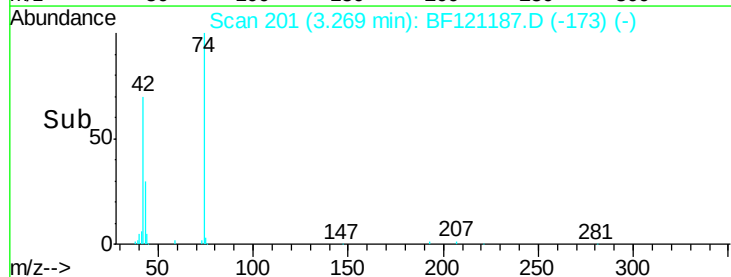
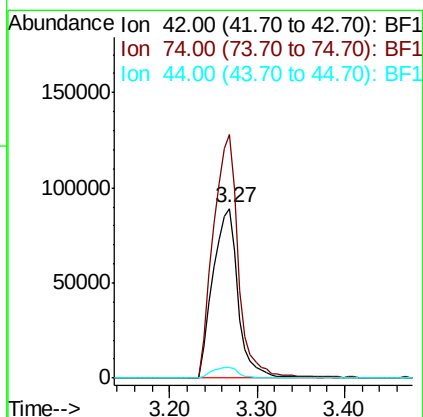
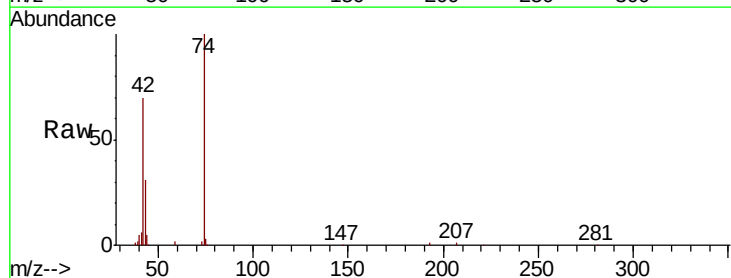
Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

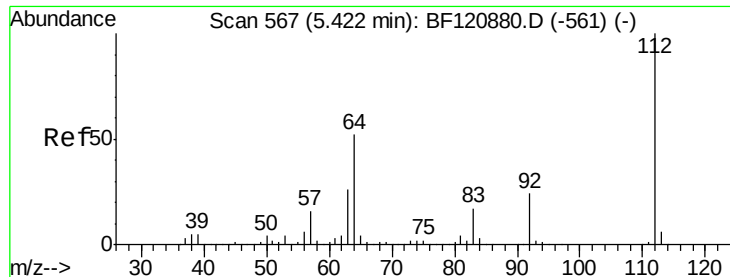
Tot Ion: 79 Resp: 334152
 Ion Ratio Lower Upper
 79 100
 52 67.9 54.9 82.3
 51 33.9 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.949 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 42 Resp: 179104
 Ion Ratio Lower Upper
 42 100
 74 143.3 117.3 175.9
 44 6.6 5.9 8.9





#5

2-Fluorophenol

Concen: 100.614 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

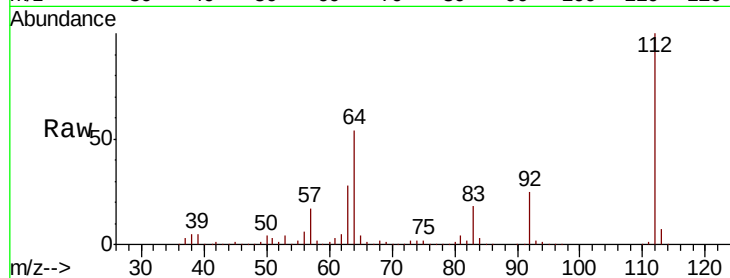
Tot Ion:112 Resp: 907033

Ion Ratio Lower Upper

112 100

64 54.5 43.9 65.9

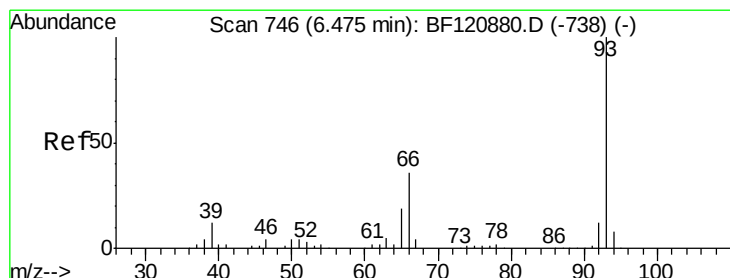
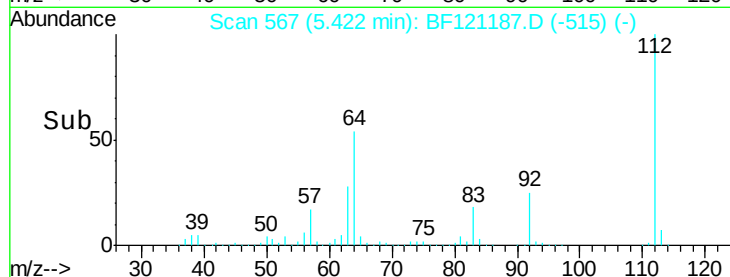
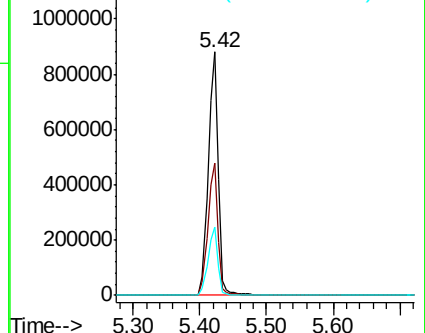
63 27.8 22.7 34.1



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: 33.383 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

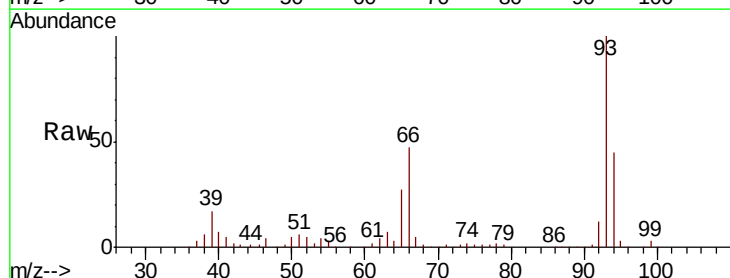
Tgt Ion: 93 Resp: 507451

Ion Ratio Lower Upper

93 100

66 47.0 31.0 46.4#

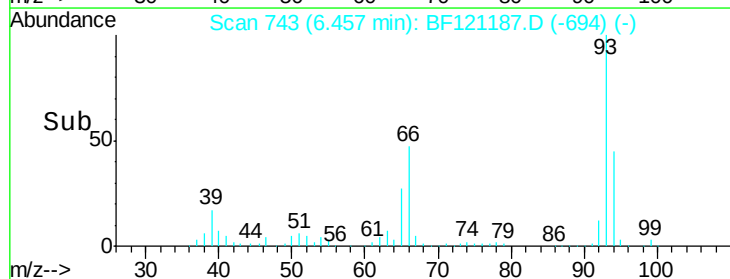
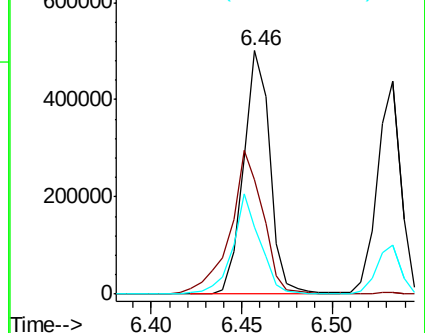
65 27.3 16.2 24.4#

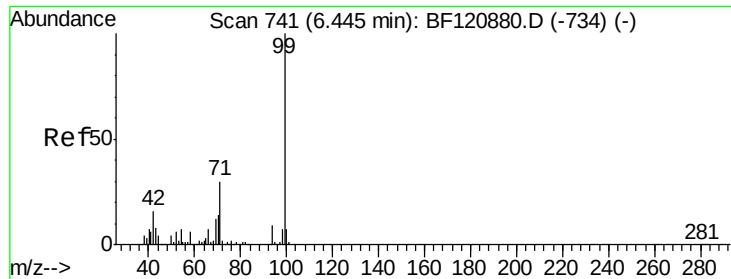


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.957 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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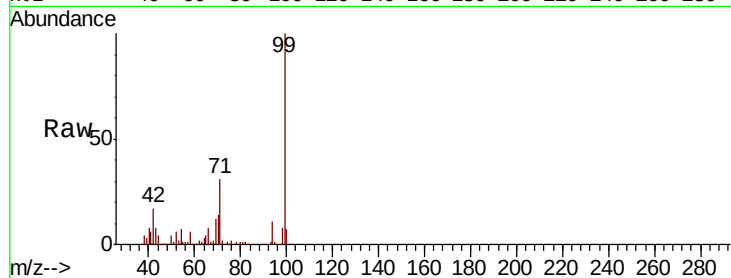
Tot Ion: 99 Resp: 1105780

Ion Ratio Lower Upper

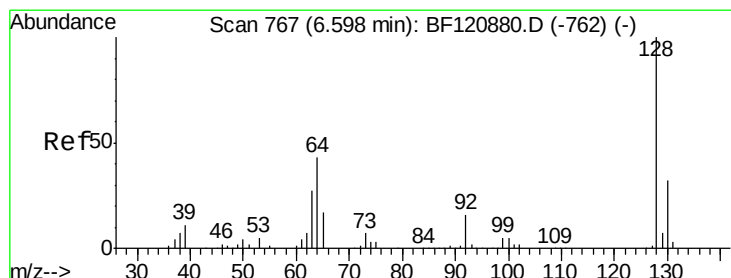
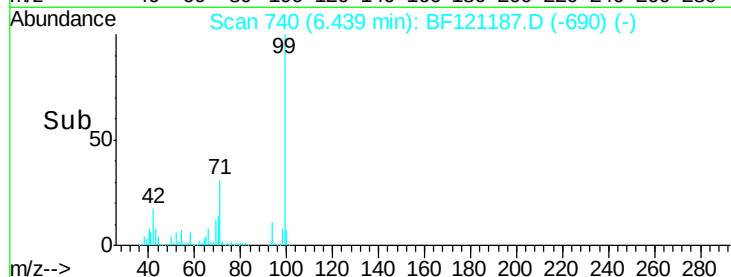
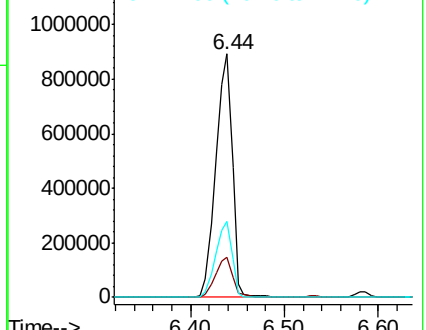
99 100

42 16.6 13.5 20.3

71 31.2 25.0 37.4



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: 42.481 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

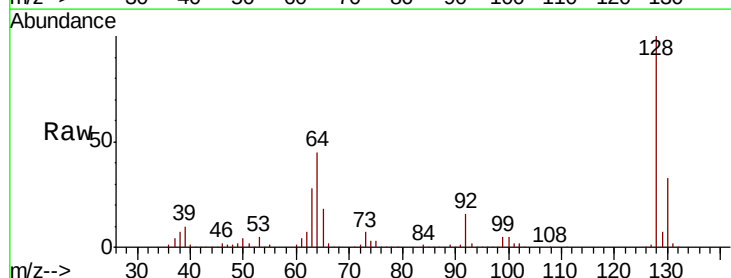
Tgt Ion: 128 Resp: 421892

Ion Ratio Lower Upper

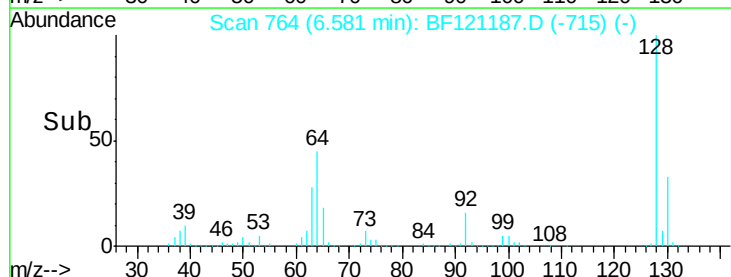
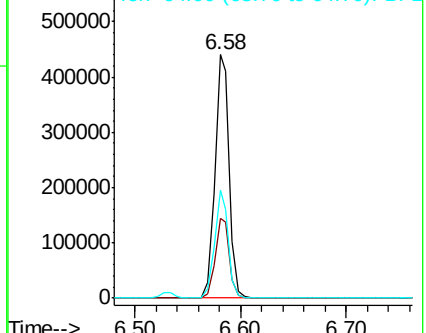
128 100

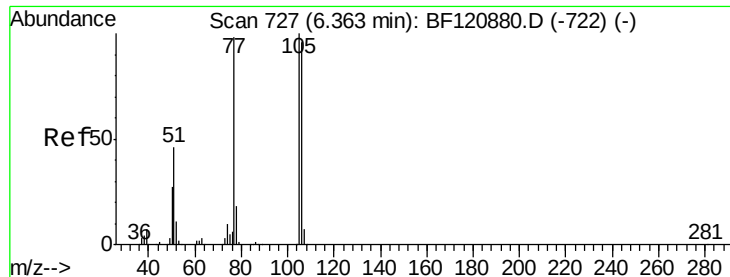
130 32.6 12.7 52.7

64 44.5 23.8 63.8



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: 49.846 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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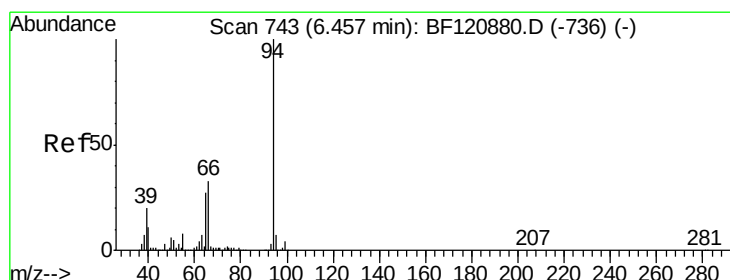
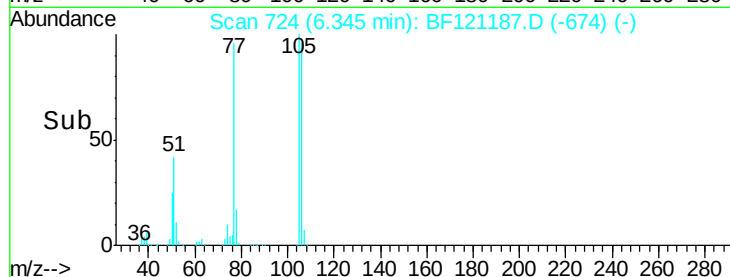
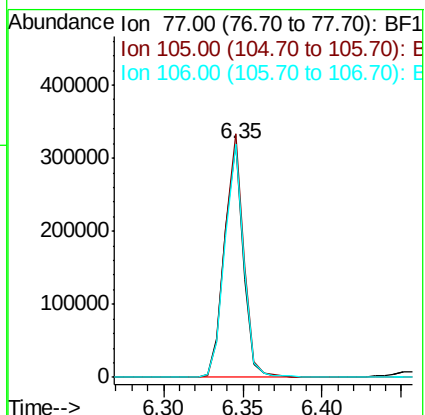
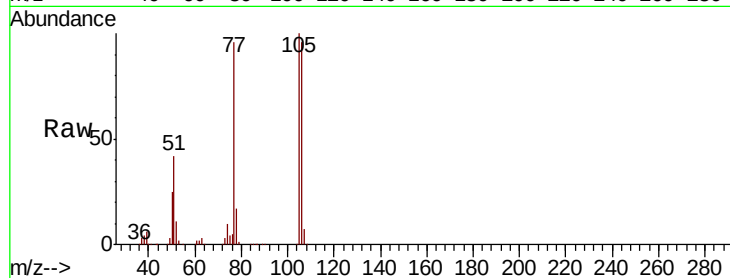
Tot Ion: 77 Resp: 263646

Ion Ratio Lower Upper

77 100

105 104.1 82.4 122.4

106 99.6 78.9 118.9



#10

Phenol

Concen: 37.586 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

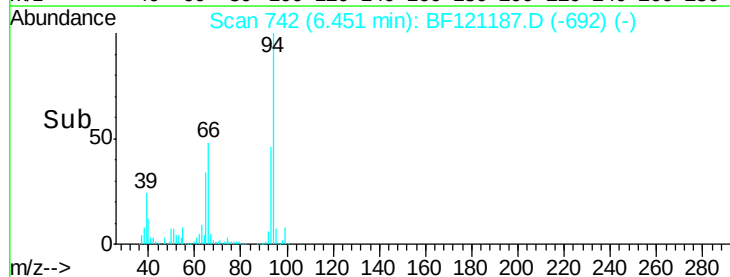
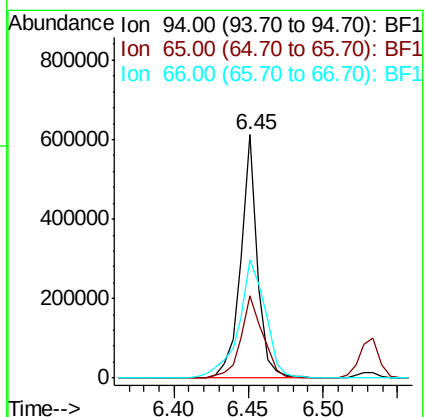
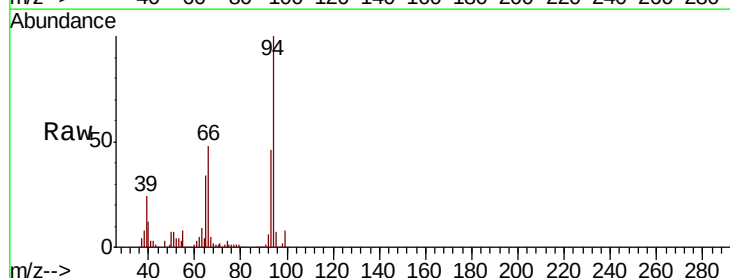
Tgt Ion: 94 Resp: 481473

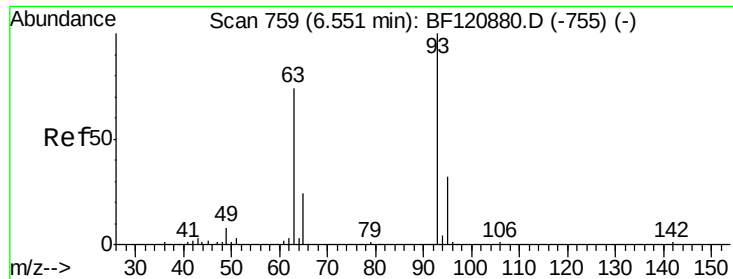
Ion Ratio Lower Upper

94 100

65 33.9 12.6 52.6

66 48.5 25.6 65.6

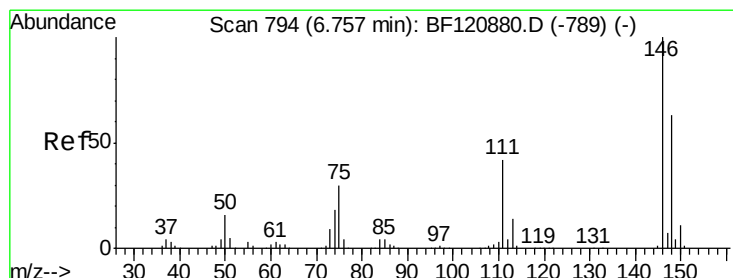
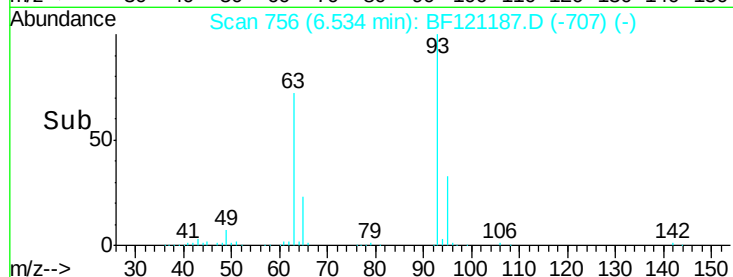
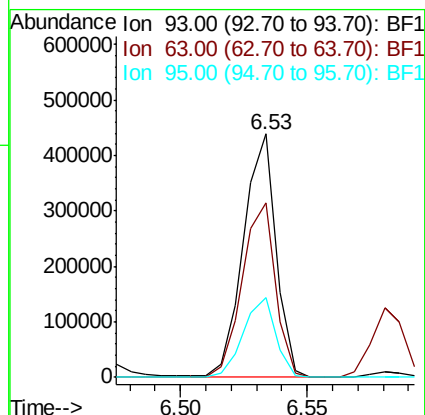
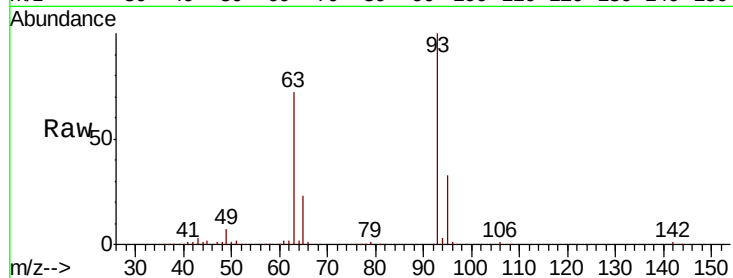




#11
 bis(2-Chloroethyl)ether
 Concen: 39.890 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

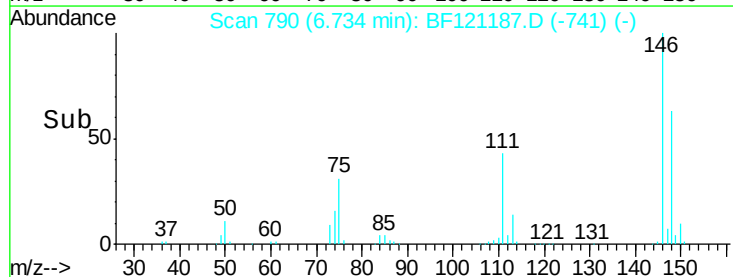
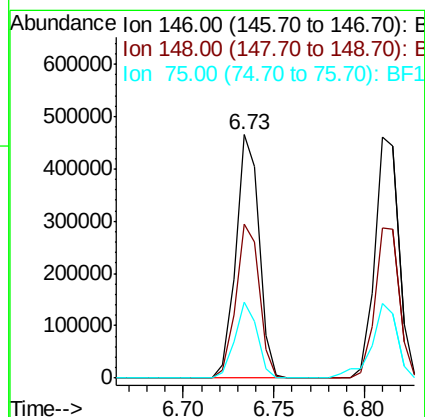
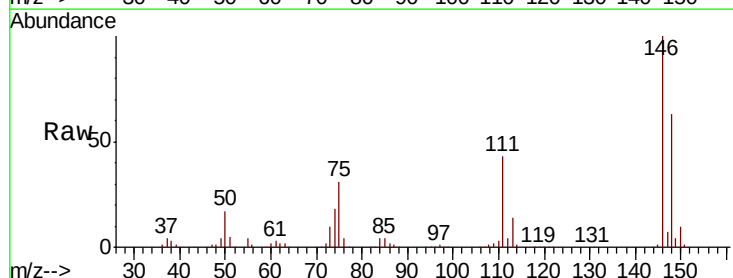
Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

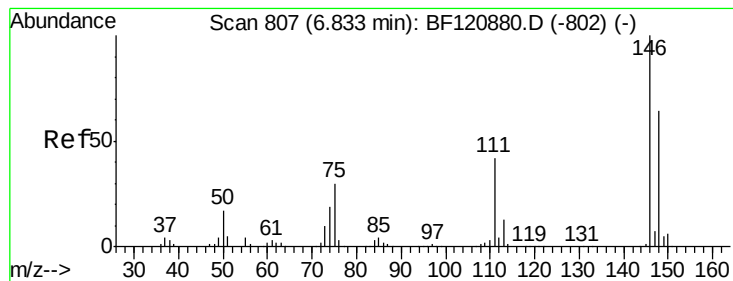
Tot Ion: 93 Resp: 391615
 Ion Ratio Lower Upper
 93 100
 63 71.6 51.9 91.9
 95 32.7 13.2 53.2



#12
 1,3-Dichlorobenzene
 Concen: 38.595 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 146 Resp: 415626
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.7 77.5
 75 31.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.720 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

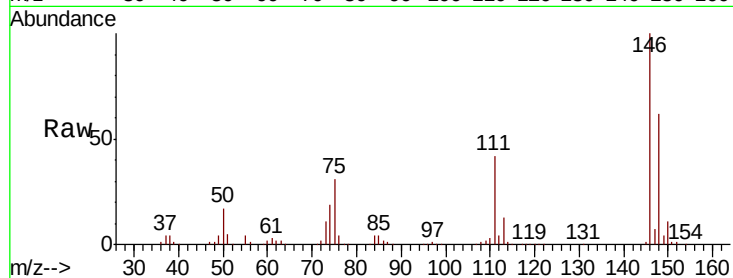
Tot Ion:146 Resp: 425329

Ion Ratio Lower Upper

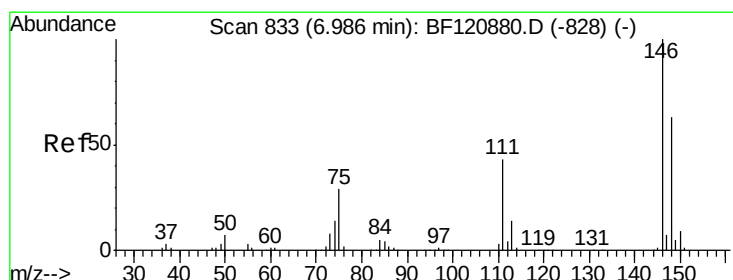
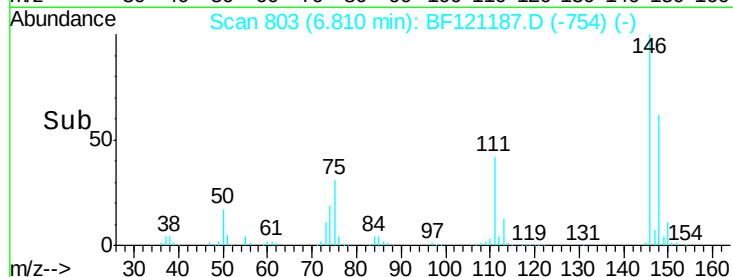
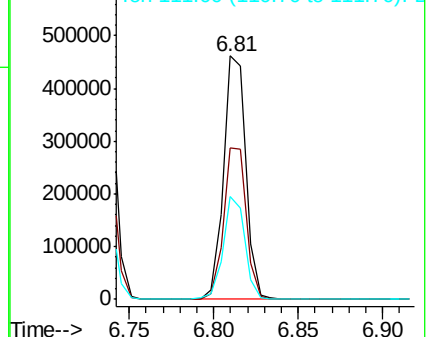
146 100

148 62.0 50.5 75.7

111 42.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.553 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

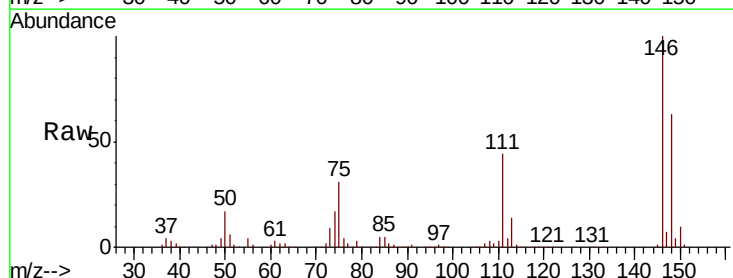
Tgt Ion:146 Resp: 410813

Ion Ratio Lower Upper

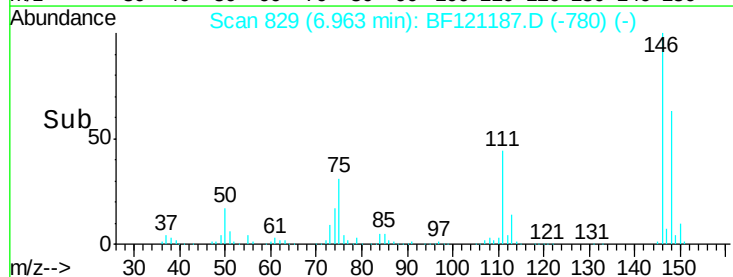
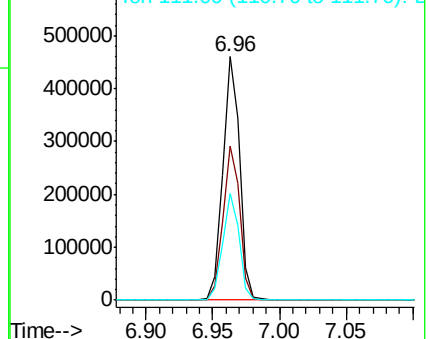
146 100

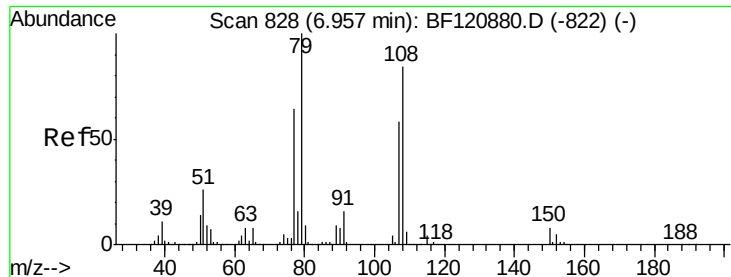
148 63.3 50.8 76.2

111 43.6 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.962 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

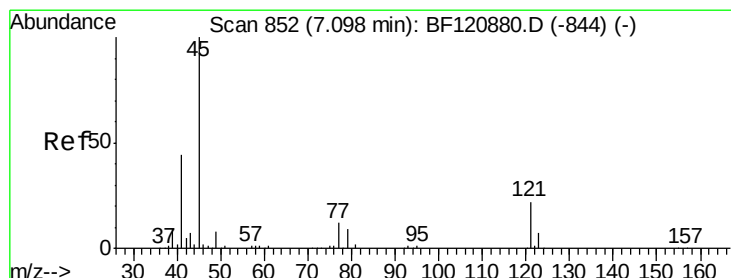
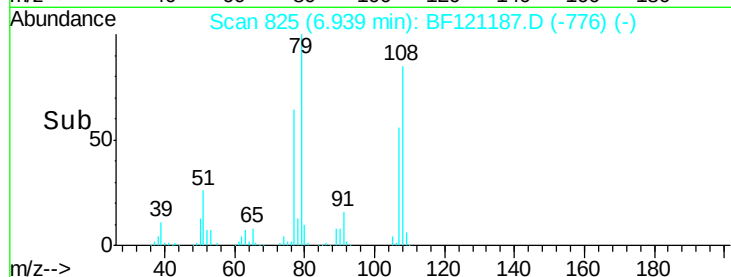
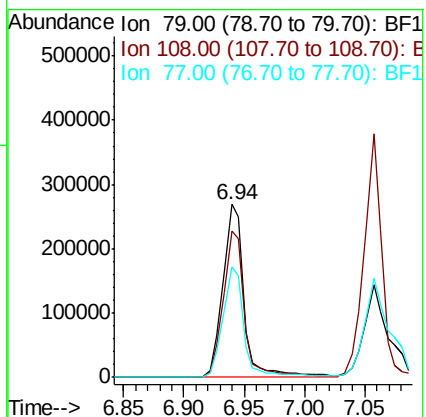
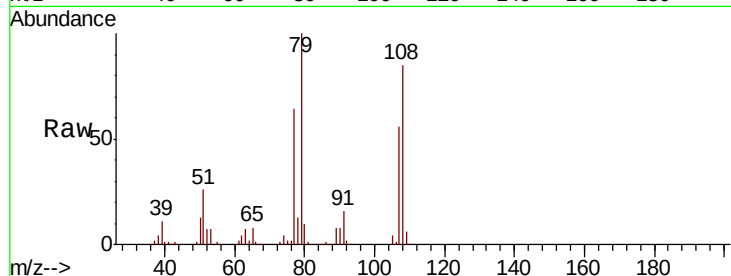
Tot Ion: 79 Resp: 329094

Ion Ratio Lower Upper

79 100

108 84.8 68.6 103.0

77 64.1 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.634 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

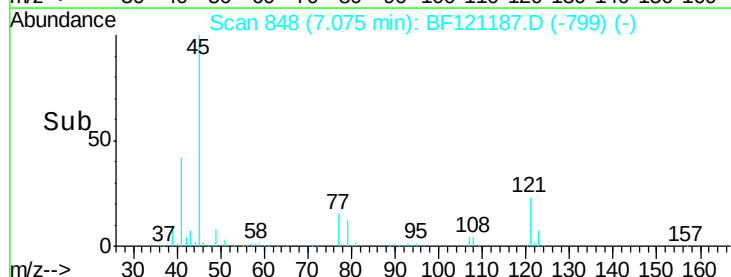
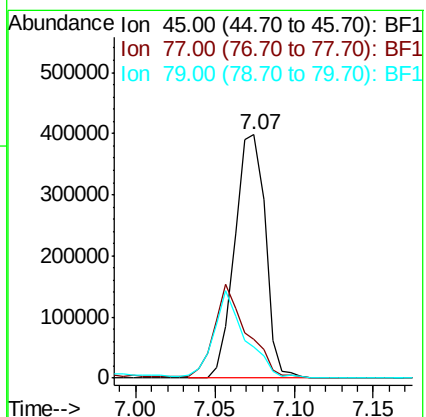
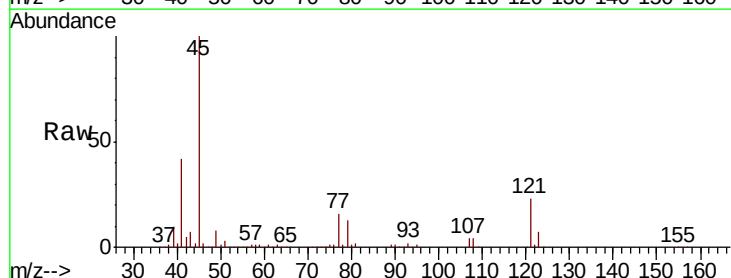
Tgt Ion: 45 Resp: 532534

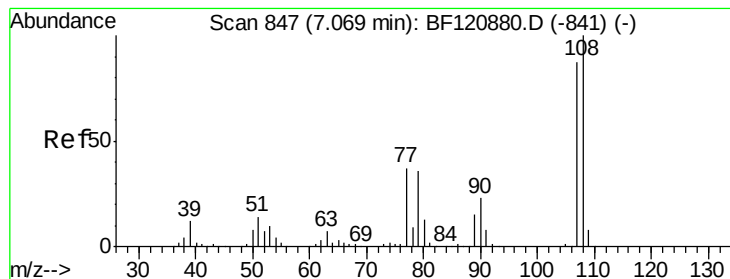
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.7

79 12.8 0.0 32.0





#17

2-Methylphenol

Concen: 38.058 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion:107 Resp: 334998

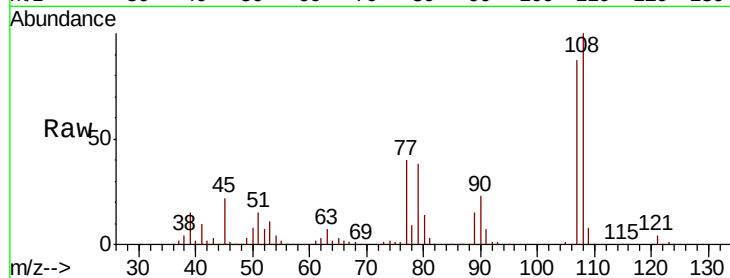
Ion Ratio Lower Upper

107 100

108 115.1 91.2 136.8

77 46.5 36.5 54.7

79 43.7 35.0 52.6

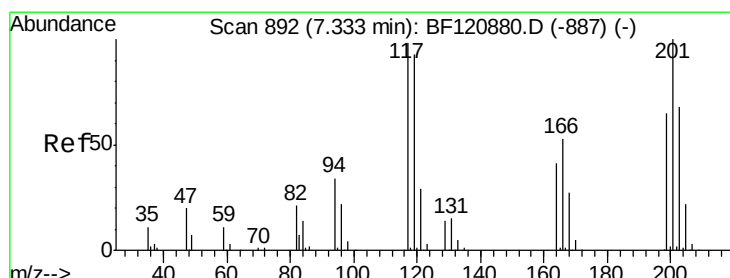
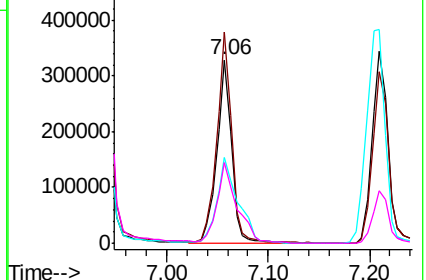
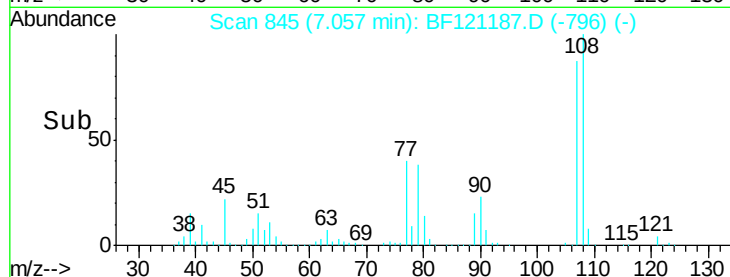


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.500 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

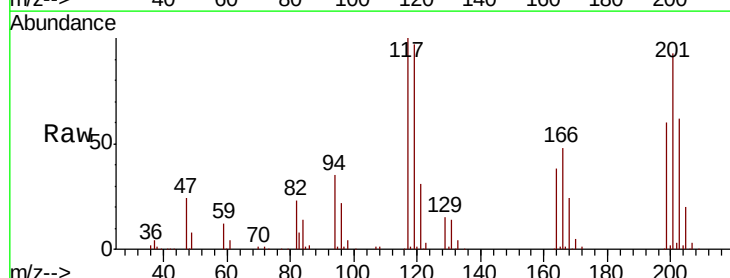
Tgt Ion:117 Resp: 156966

Ion Ratio Lower Upper

117 100

119 96.5 76.6 114.8

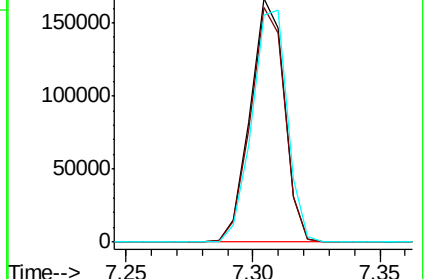
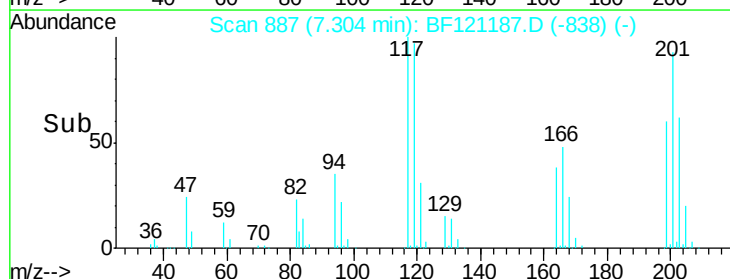
201 93.4 75.0 112.4

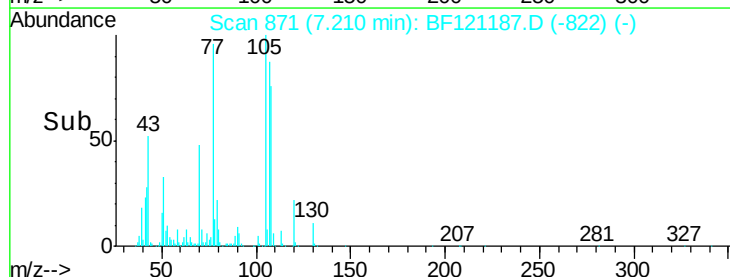
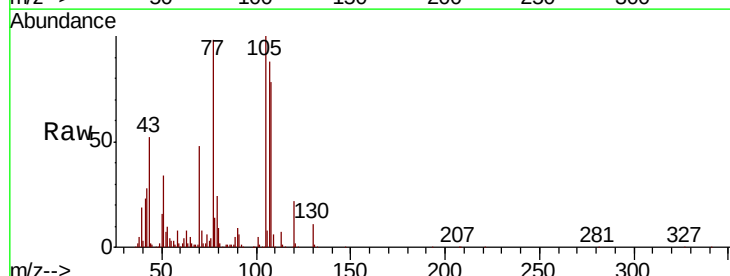
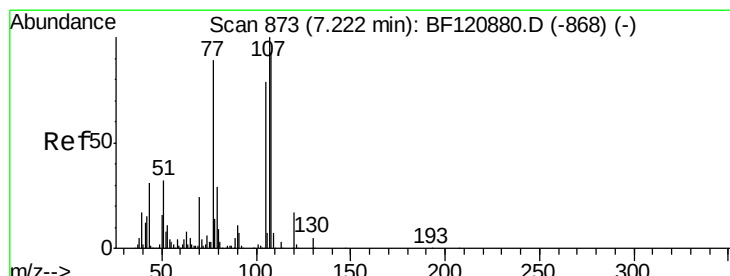
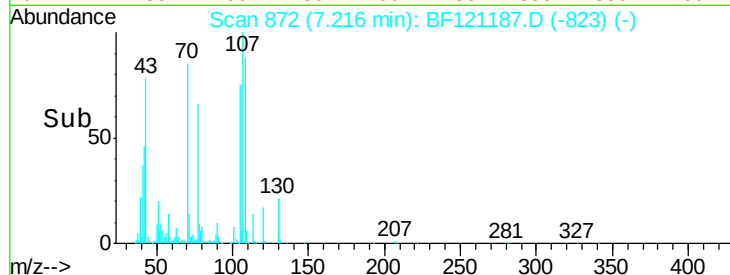
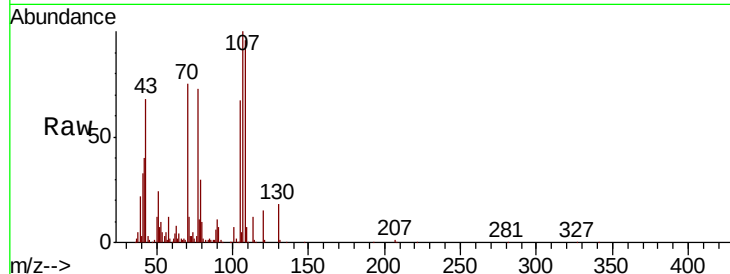
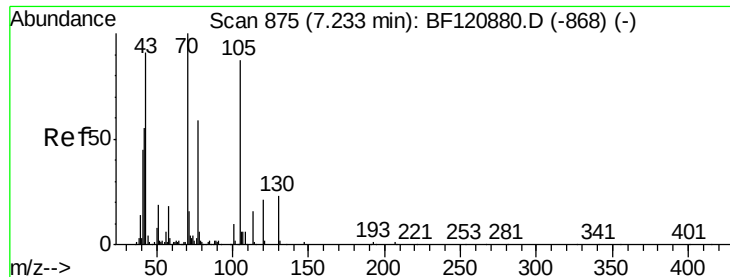


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

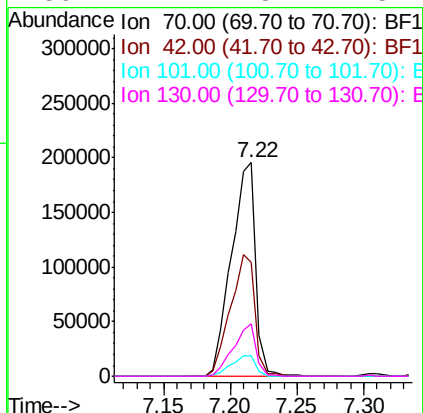




#19
n-Nitroso-di-n-propylamine
Concen: 37.925 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

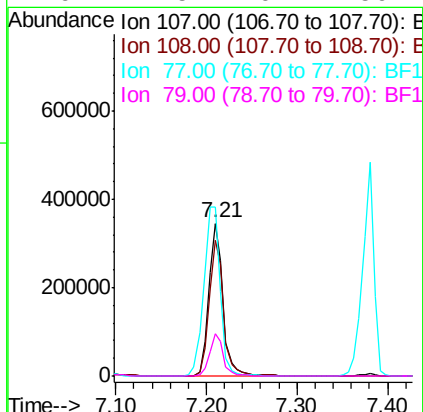
Instrument :
BNA_F
ClientSampleId :
PB130722BS

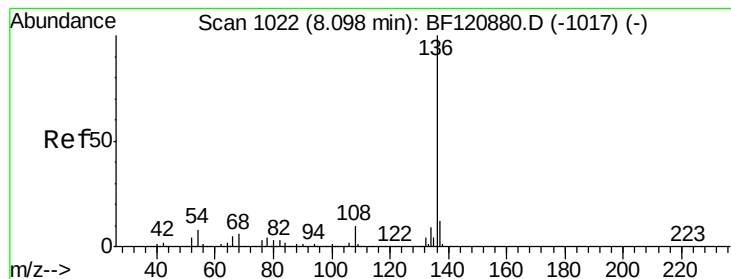
Tot Ion:	70	Resp:	251132
Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.3	64.9
101	9.7	8.4	12.6
130	24.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.987 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:	107	Resp:	380567
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.7	113.7
77	110.9	84.9	124.9
79	27.5	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion:136 Resp: 578047

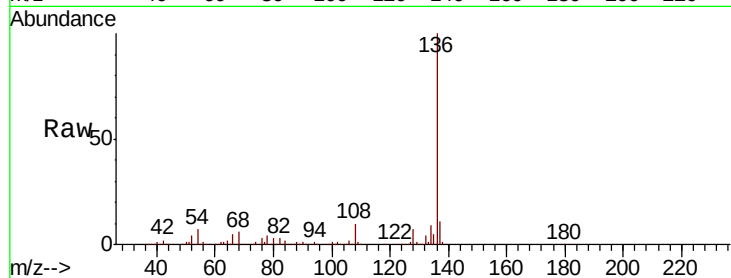
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 6.1 9.1

68 5.7 5.0 7.6

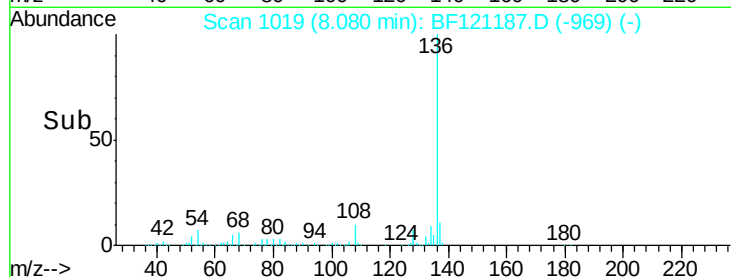


Abundance Ion 136.00 (135.70 to 136.70): E

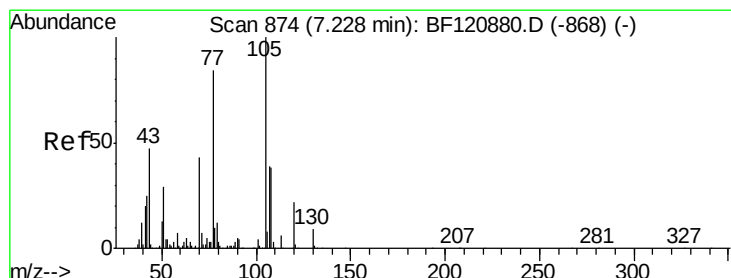
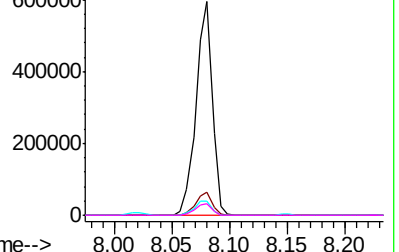
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.361 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:105 Resp: 523613

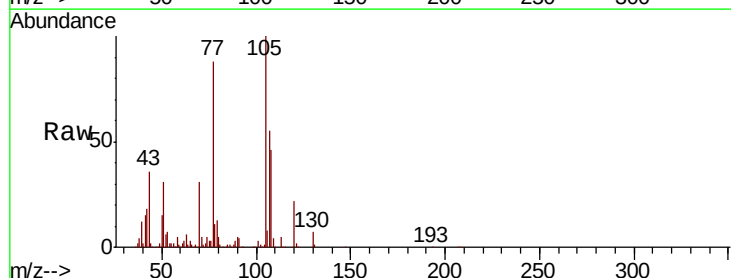
Ion Ratio Lower Upper

105 100

71 5.2 3.8 5.8

51 30.6 28.0 42.0

120 22.4 17.8 26.6

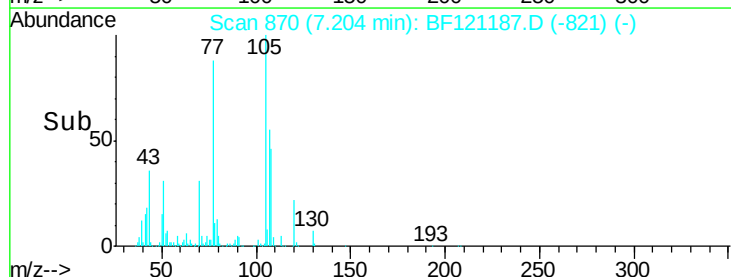


Abundance Ion 105.00 (104.70 to 105.70): E

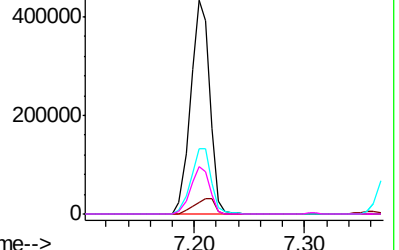
Ion 71.00 (70.70 to 71.70): BF1

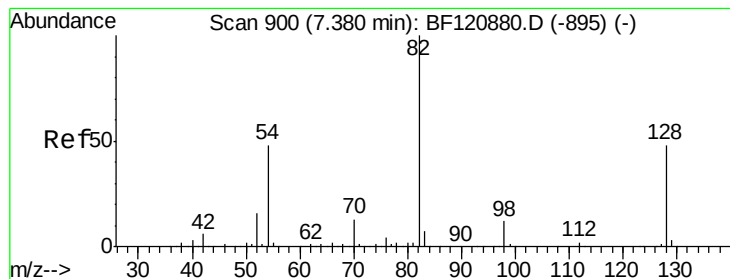
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 74.376 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

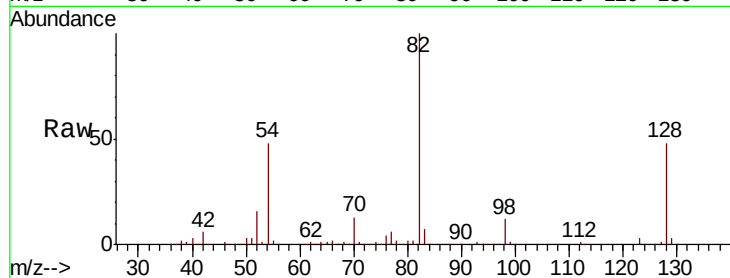
Tot Ion: 82 Resp: 743012

Ion Ratio Lower Upper

82 100

128 48.4 39.2 58.8

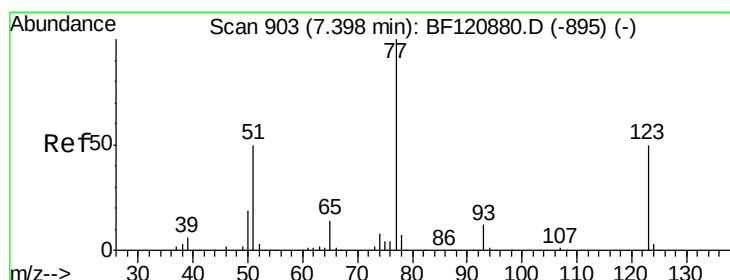
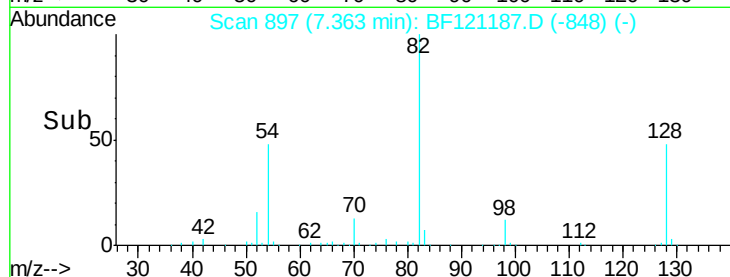
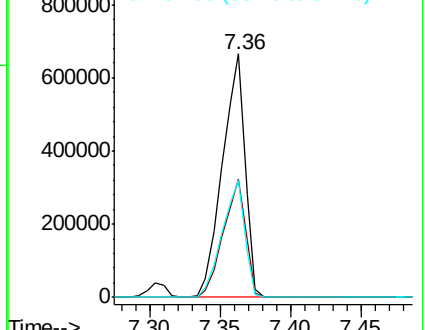
54 47.8 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.496 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

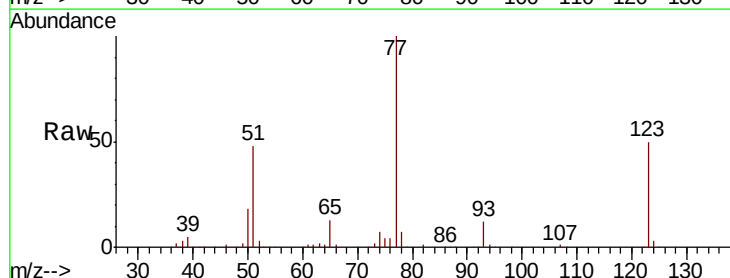
Tgt Ion: 77 Resp: 414488

Ion Ratio Lower Upper

77 100

123 50.2 41.0 61.6

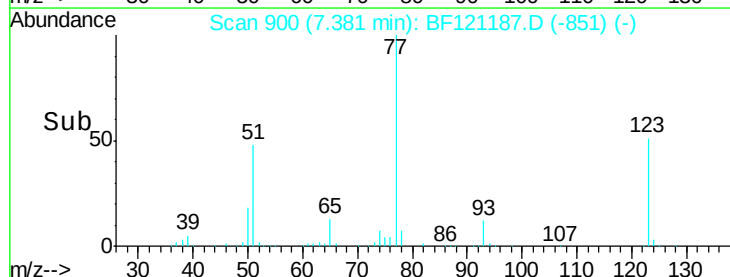
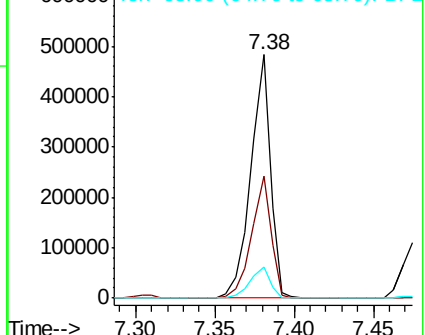
65 13.0 10.3 15.5

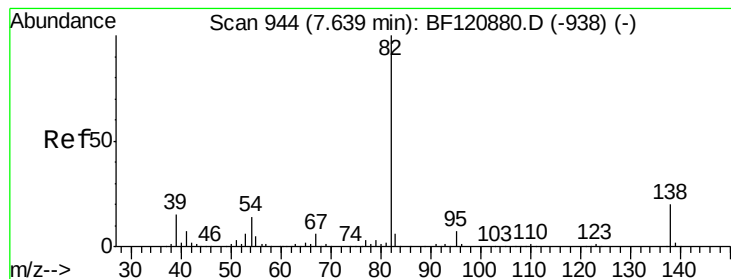


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.434 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

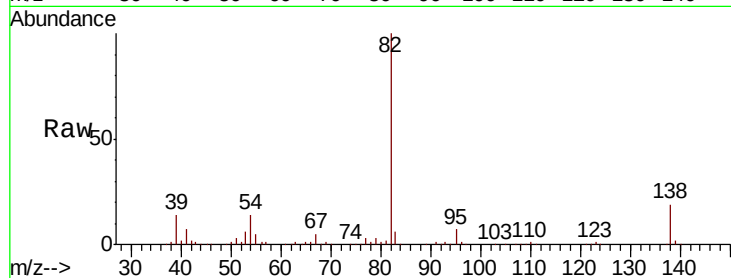
Tot Ion: 82 Resp: 766277

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

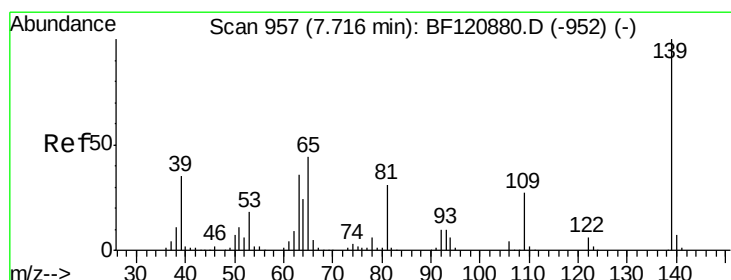
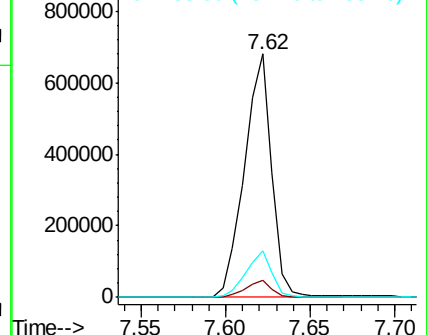
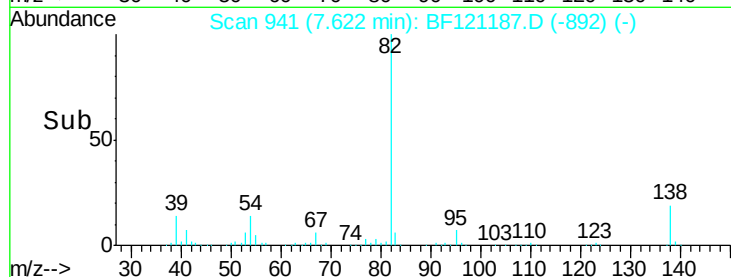
138 19.3 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.593 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

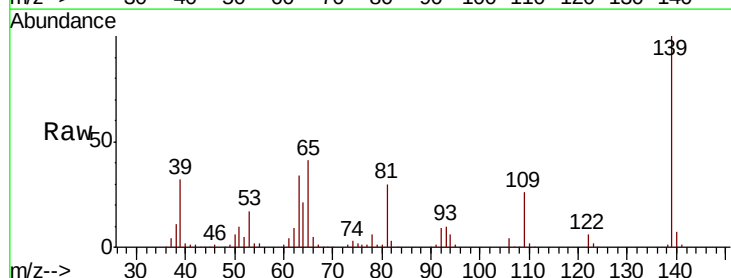
Tgt Ion: 139 Resp: 228036

Ion Ratio Lower Upper

139 100

109 26.3 21.7 32.5

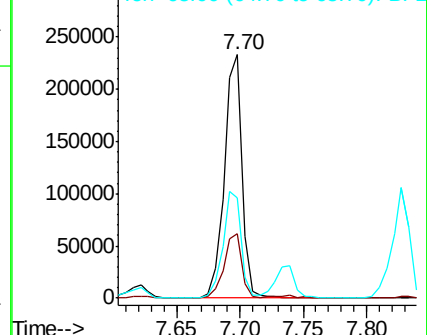
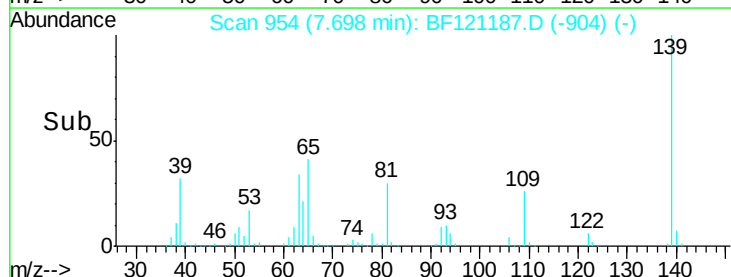
65 41.4 36.3 54.5

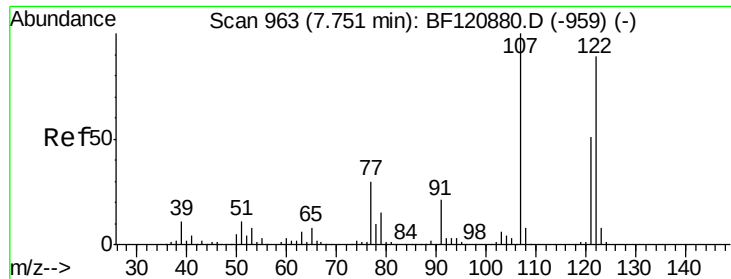


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

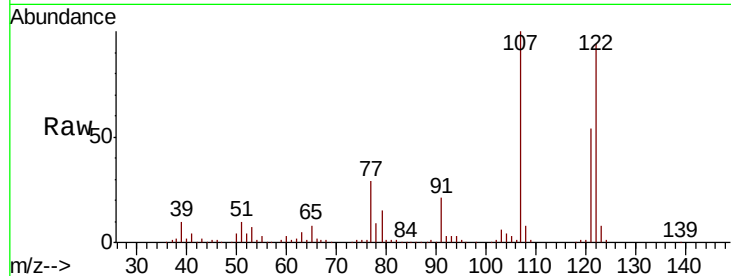




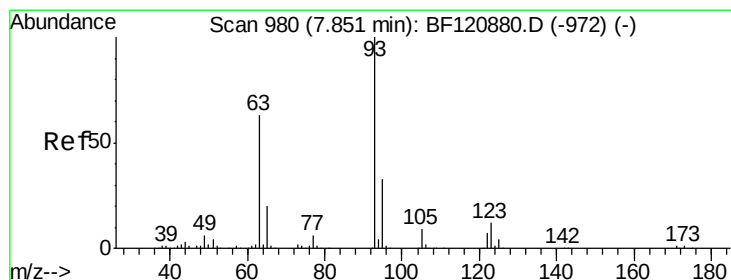
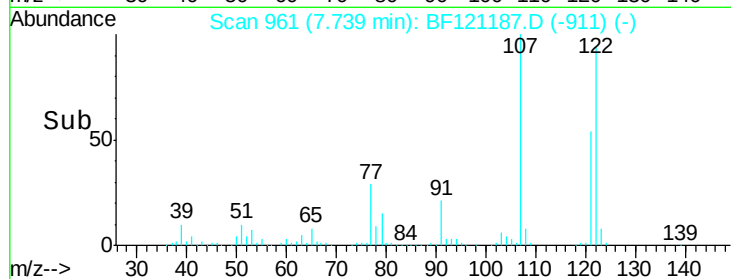
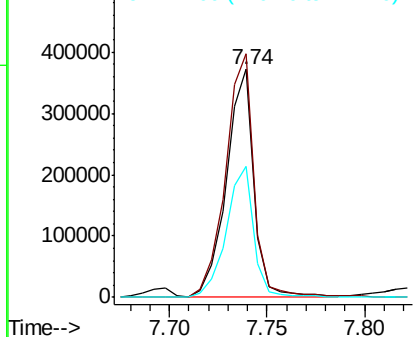
#27
2,4-Dimethylphenol
Concen: 43.742 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:122 Resp: 363174
Ion Ratio Lower Upper
122 100
107 106.8 87.1 130.7
121 57.3 45.5 68.3

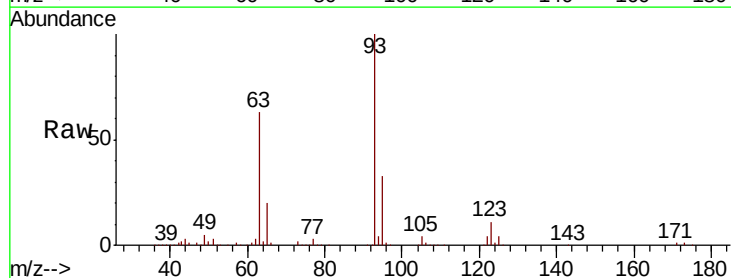


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

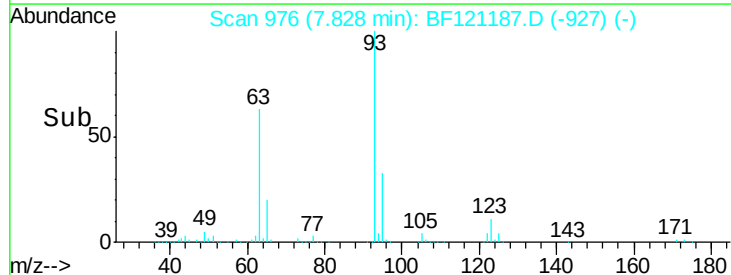
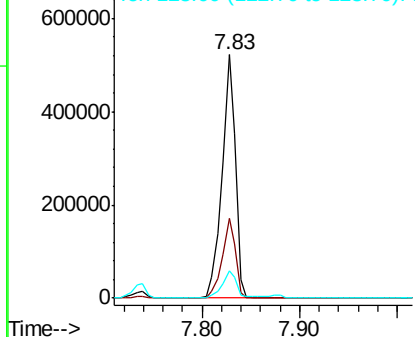


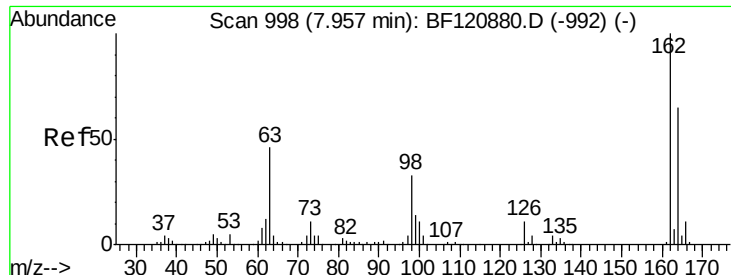
#28
bis(2-Chloroethoxy)methane
Concen: 40.860 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 93 Resp: 497278
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 11.3 9.5 14.3



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

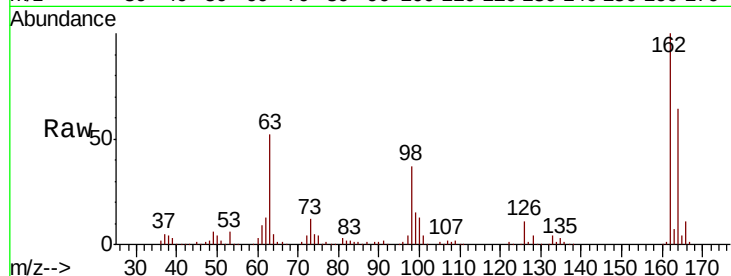




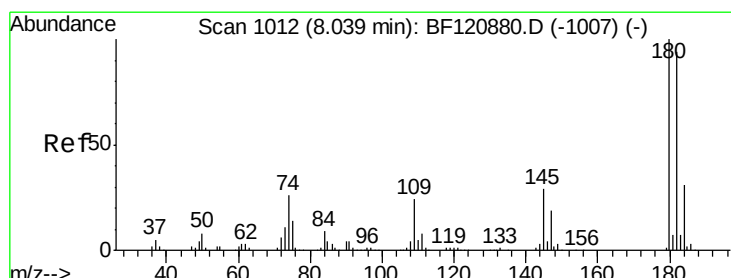
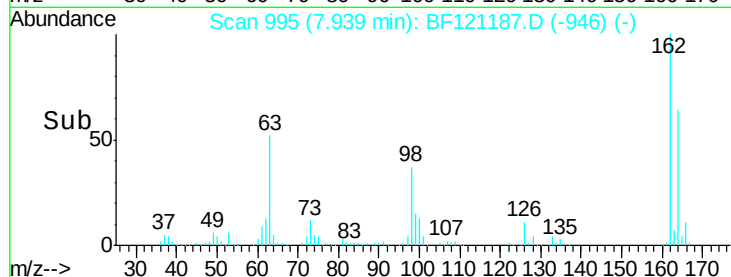
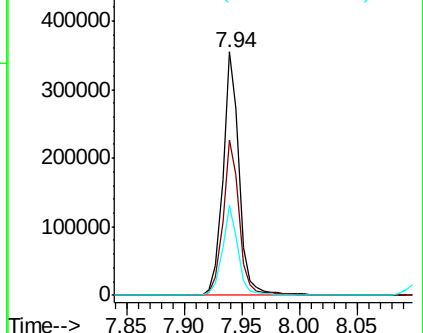
#29
 2,4-Dichlorophenol
 Concen: 40.880 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	36.8	14.2	54.2

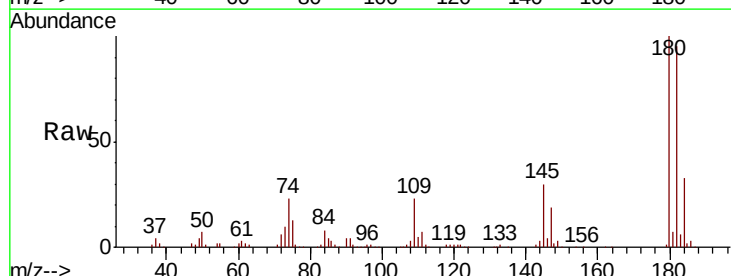


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

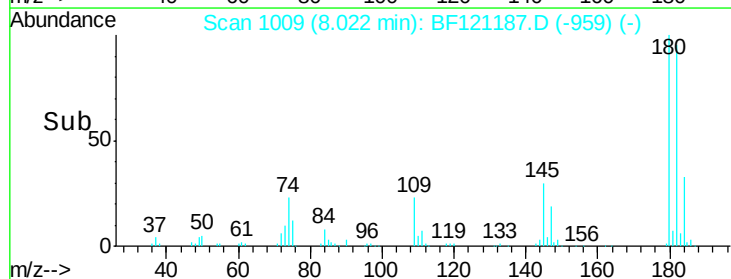
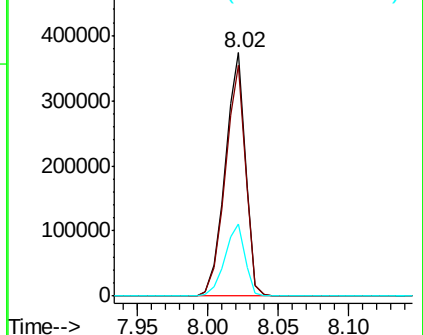


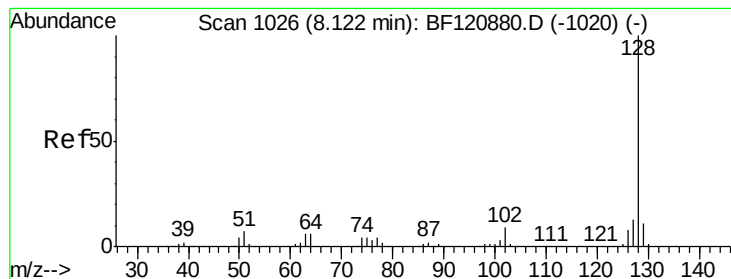
#30
 1,2,4-Trichlorobenzene
 Concen: 39.443 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	29.7	24.2	36.4



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: 38.773 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

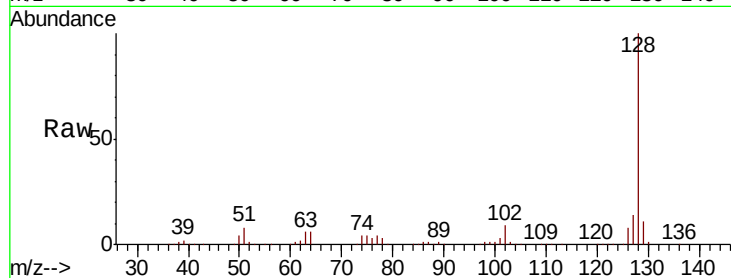
Tot Ion:128 Resp: 1149650

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

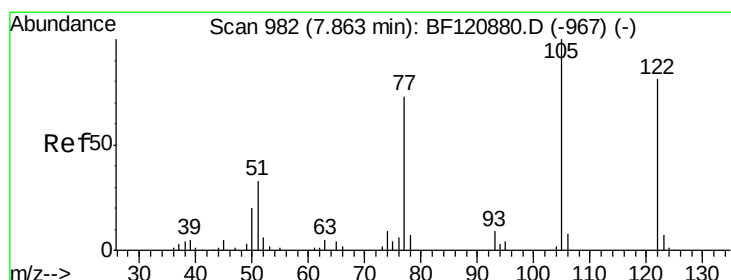
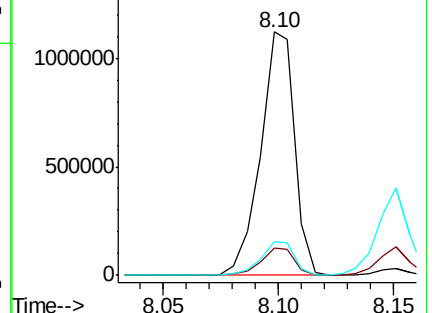
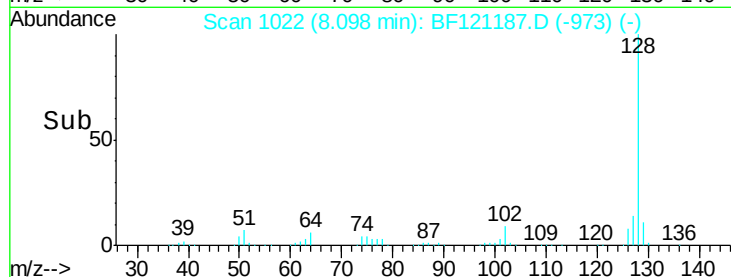
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.797 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

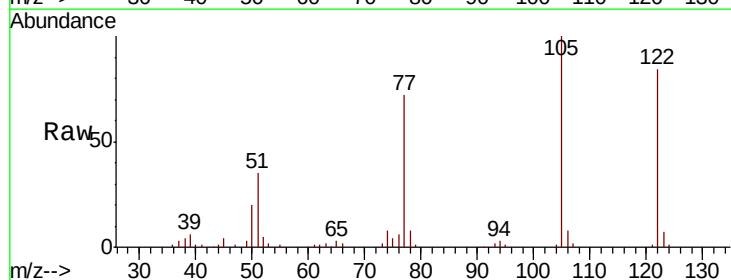
Tgt Ion:122 Resp: 191939

Ion Ratio Lower Upper

122 100

105 118.9 100.9 140.9

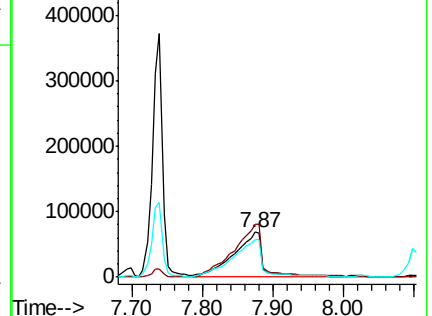
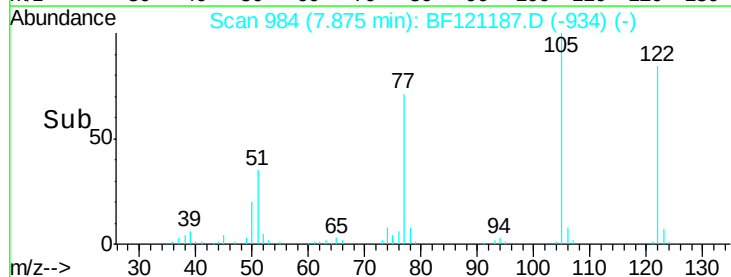
77 85.1 67.8 107.8

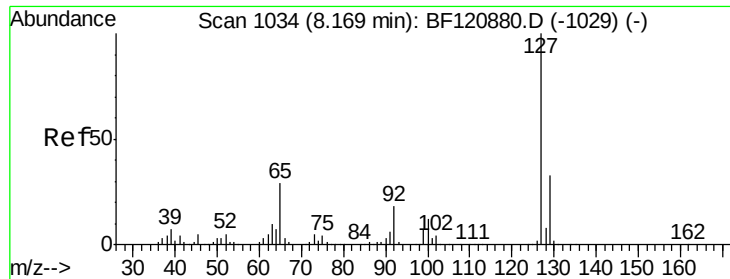


Abundance Ion 122.00 (121.70 to 122.70): E

500000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

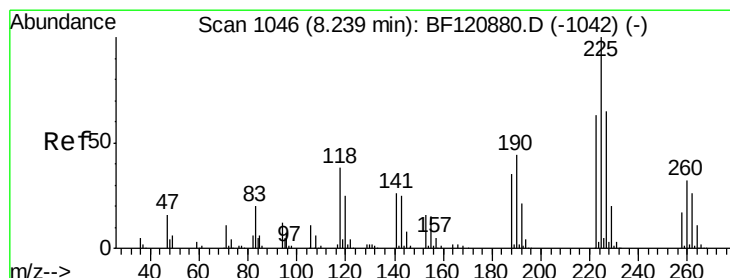
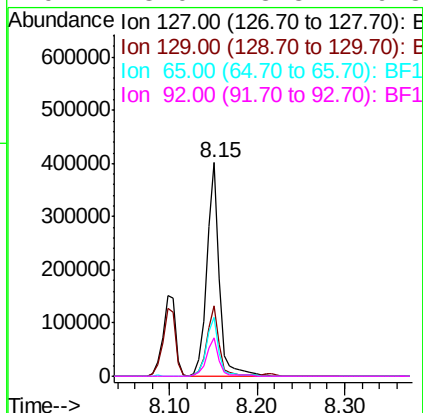
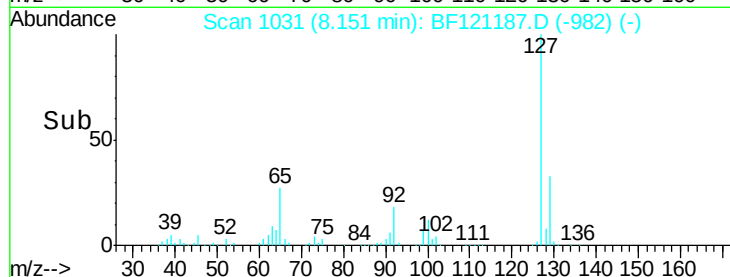
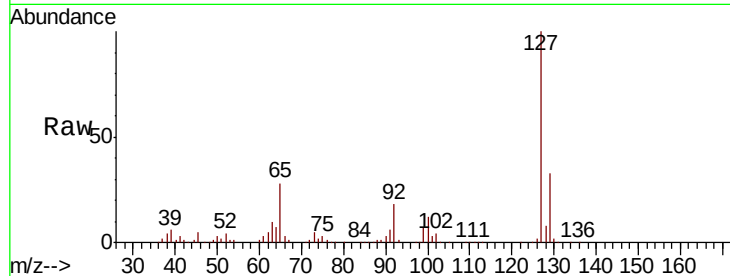




#33
4-Chloroaniline
Concen: 30.039 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

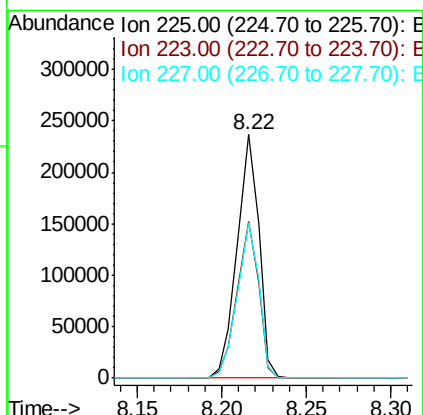
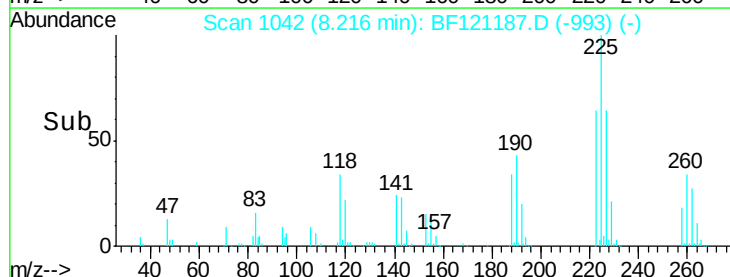
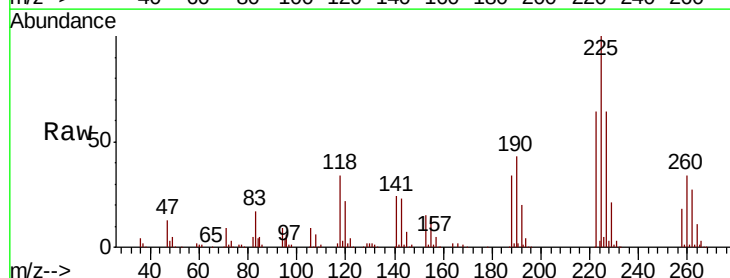
Instrument :
BNA_F
ClientSampleId :
PB130722BS

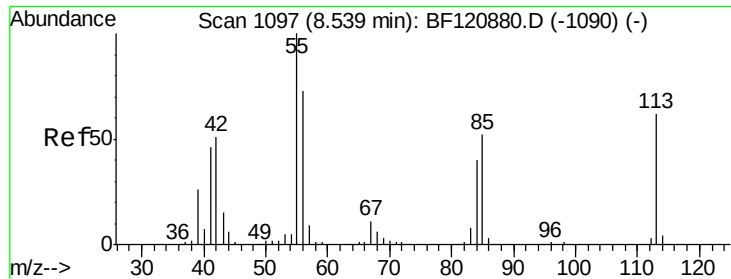
Tot Ion:	127	Resp:	397324
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	27.6	21.4	32.0
92	18.0	13.8	20.8



#34
Hexachlorobutadiene
Concen: 38.443 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:	225	Resp:	213317
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	63.9	51.4	77.0

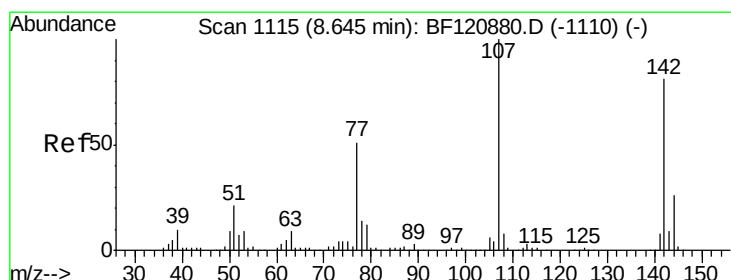
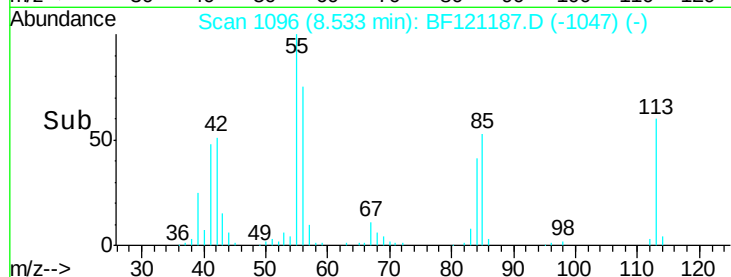
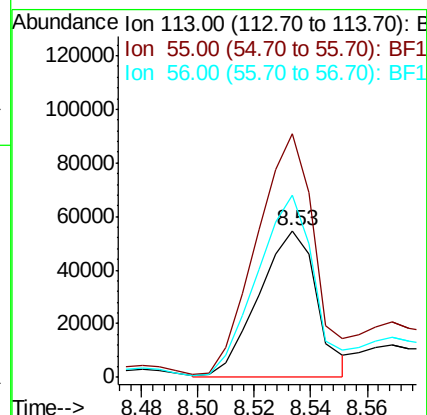
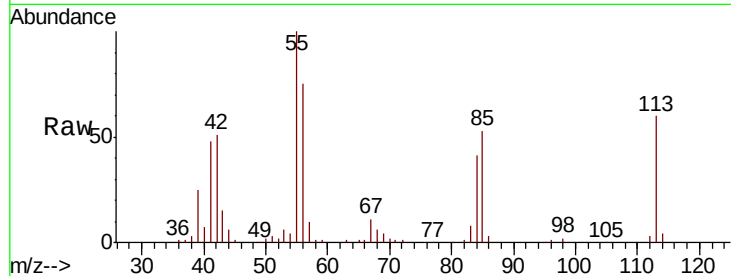




#35
 Caprolactam
 Concen: 28.740 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

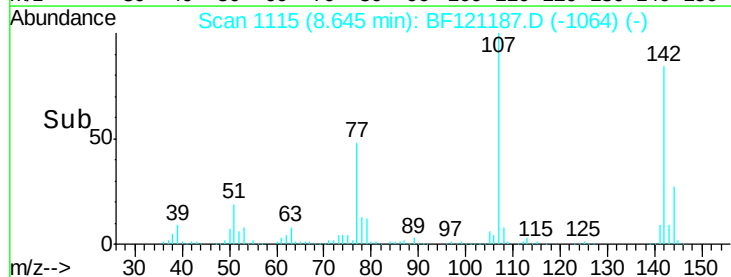
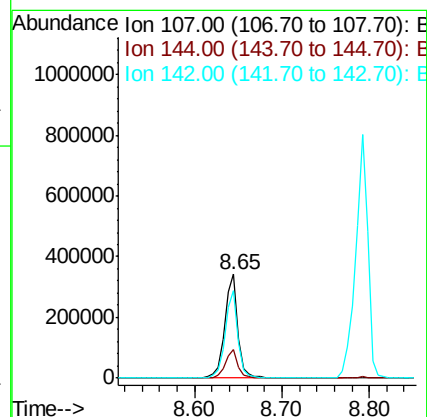
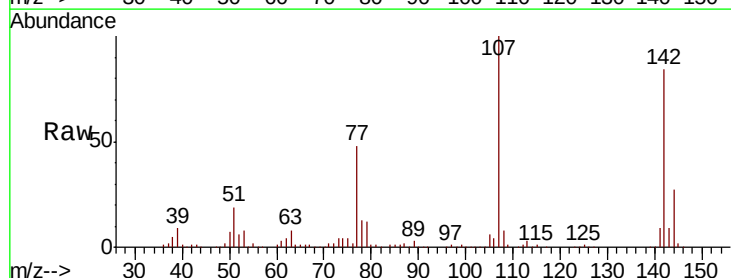
Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

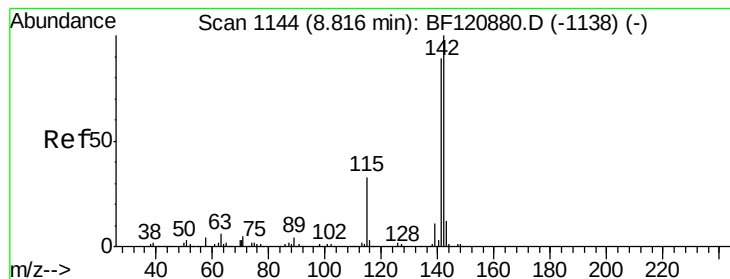
Tot Ion:113 Resp: 78193
 Ion Ratio Lower Upper
 113 100
 55 166.2 131.0 171.0
 56 124.0 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.905 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:107 Resp: 355920
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.9 31.3
 142 84.4 64.5 96.7





#37

2-Methylnaphthalene

Concen: 40.841 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

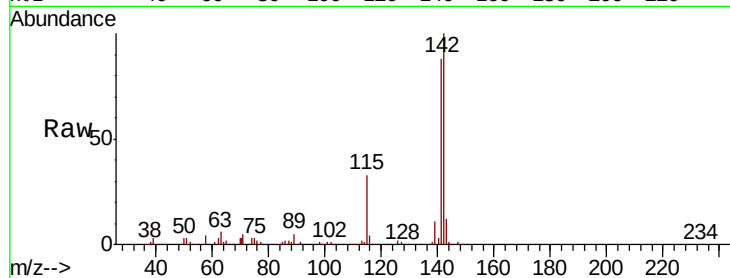
Tot Ion:142 Resp: 786291

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

115 33.1 27.1 40.7



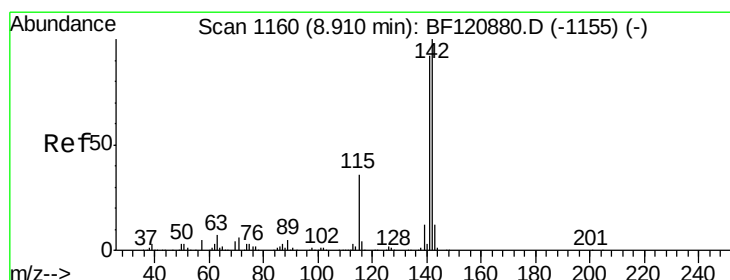
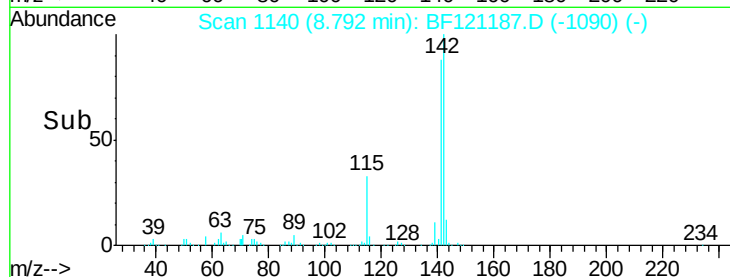
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



#38

1-Methylnaphthalene

Concen: 40.340 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

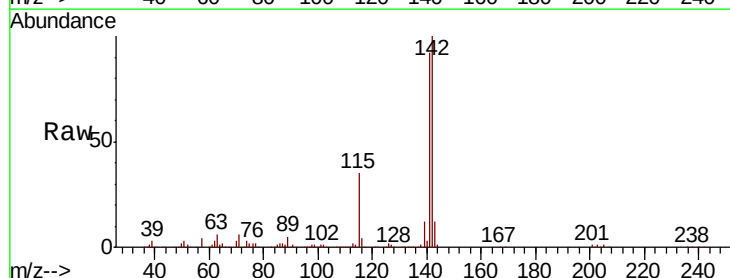
Tgt Ion:142 Resp: 735563

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.6

116 3.7 3.0 4.6



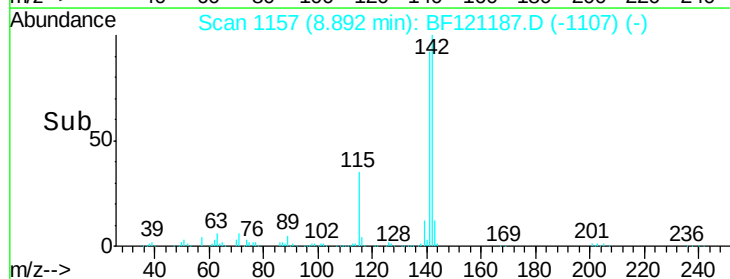
Abundance Ion 142.00 (141.70 to 142.70): E

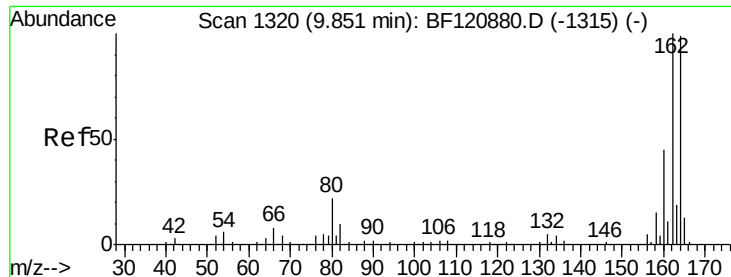
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

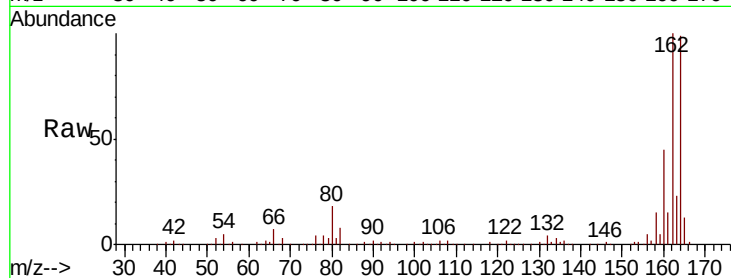
Tot Ion:164 Resp: 303856

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

160 45.8 37.2 55.8

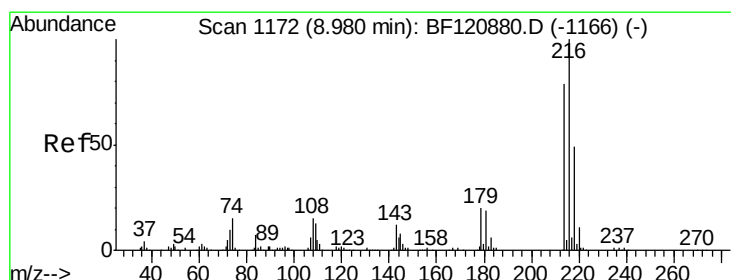
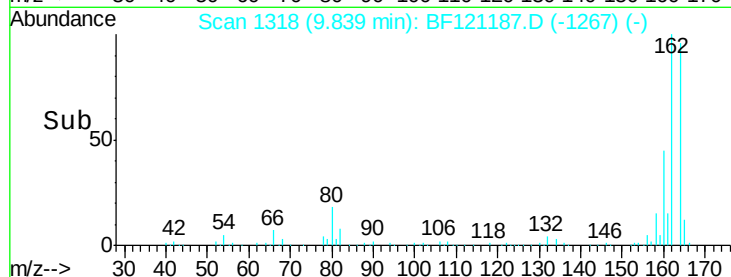
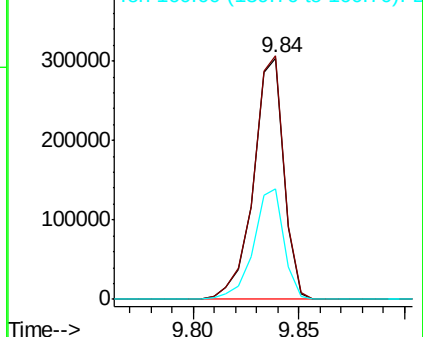


Abundance

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: 40.543 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:216 Resp: 358929

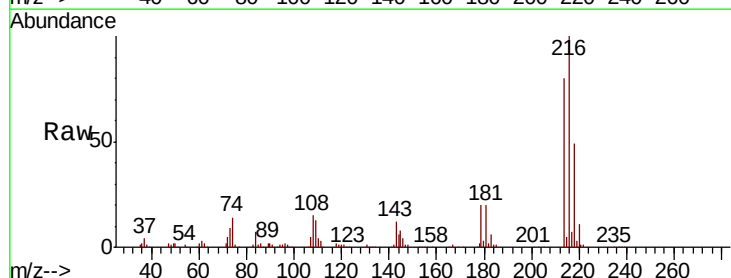
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 20.6 16.6 24.8

108 19.8 15.0 22.4



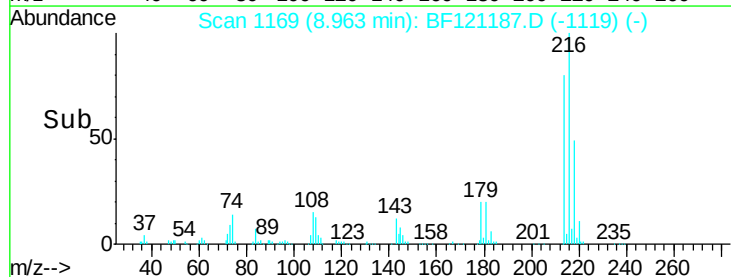
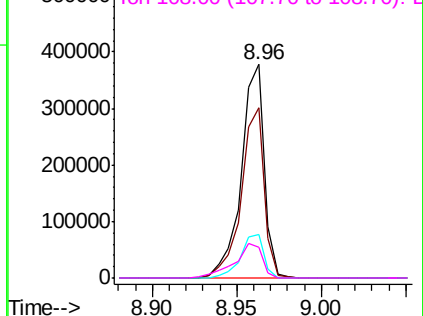
Abundance

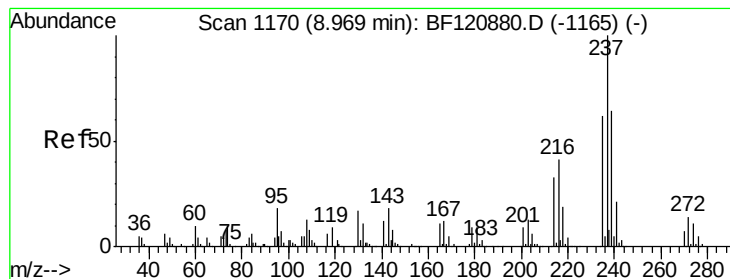
Ion 216.00 (215.70 to 216.70): E

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: 74.537 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

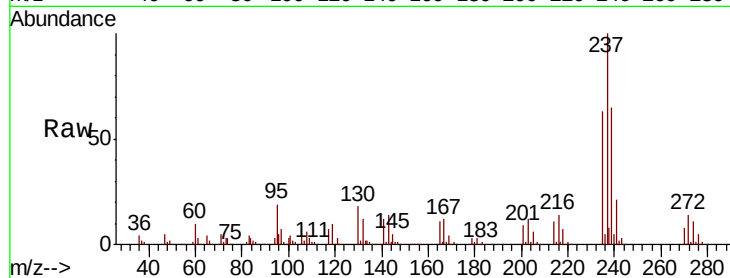
Tot Ion:237 Resp: 364701

Ion Ratio Lower Upper

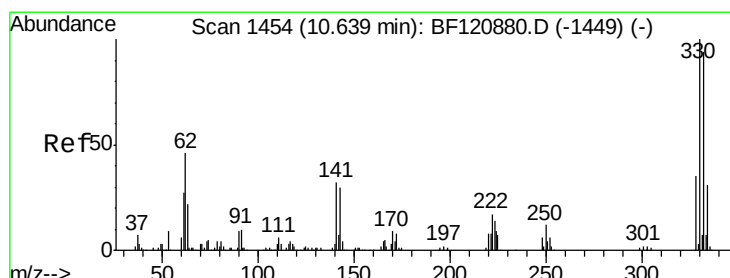
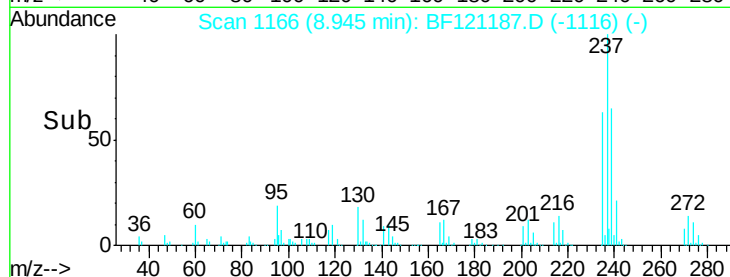
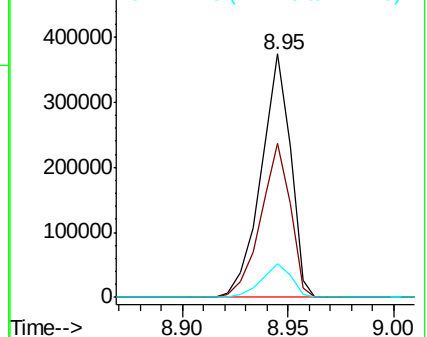
237 100

235 63.3 43.2 83.2

272 13.9 0.0 33.6



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: 103.840 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

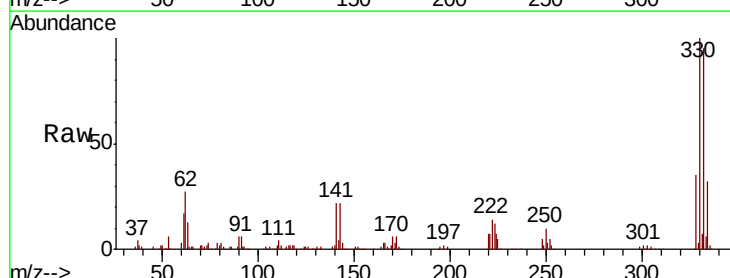
Tgt Ion:330 Resp: 345371

Ion Ratio Lower Upper

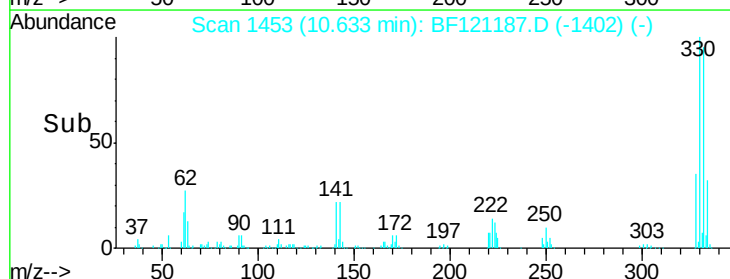
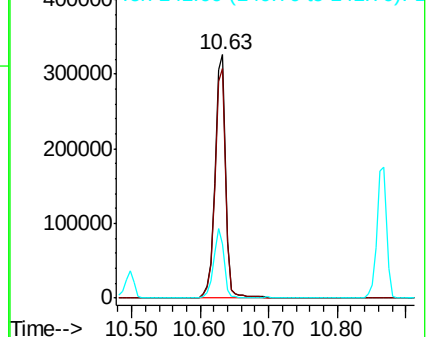
330 100

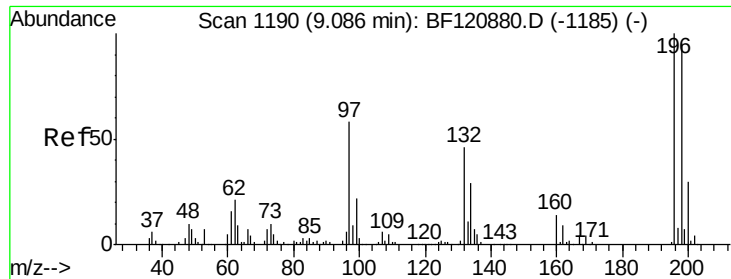
332 95.1 76.1 114.1

141 28.8 24.1 36.1



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

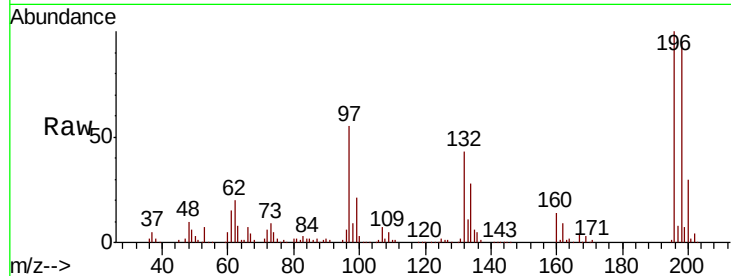




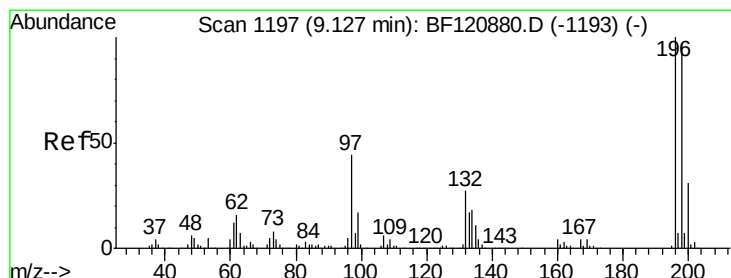
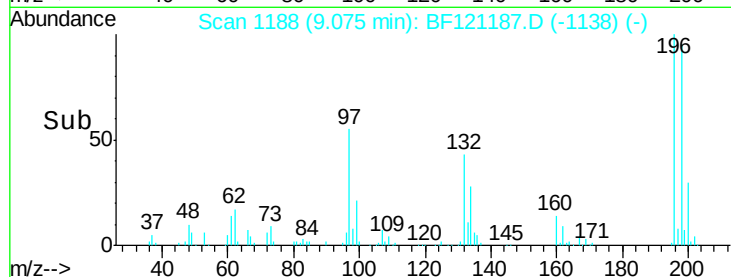
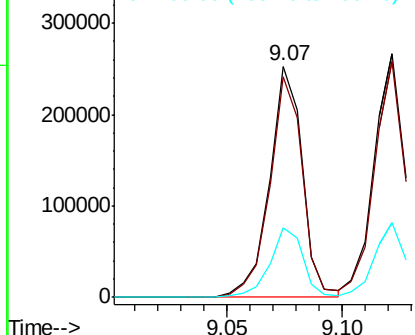
#43
 2,4,6-Trichlorophenol
 Concen: 39.974 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion:196 Resp: 249170
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.5 116.3
 200 30.3 24.6 37.0



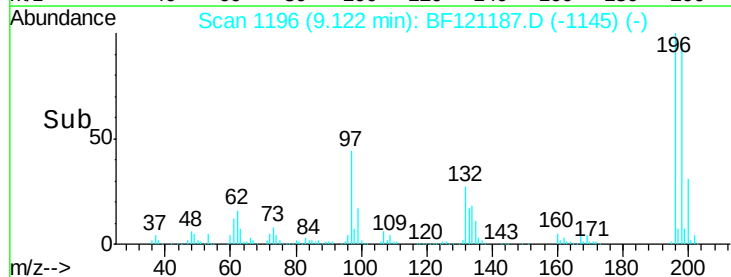
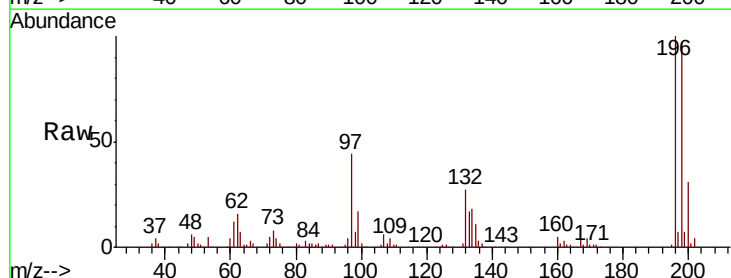
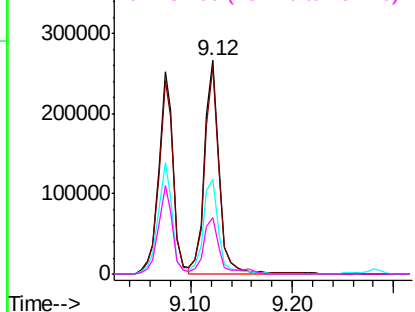
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

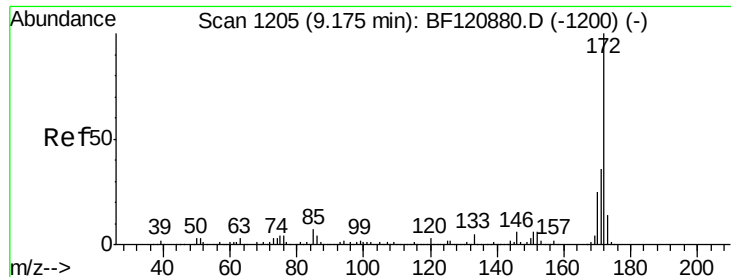


#44
 2,4,5-Trichlorophenol
 Concen: 37.379 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:196 Resp: 264296
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.4
 97 44.3 37.3 55.9
 132 26.6 22.0 33.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

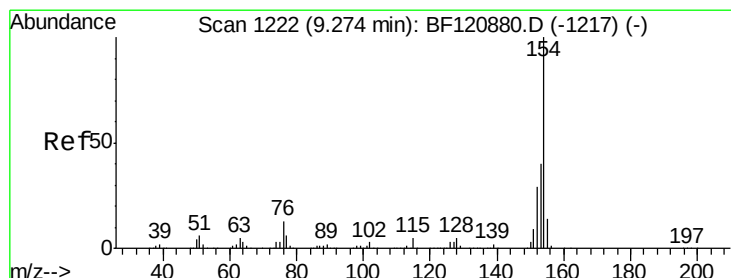
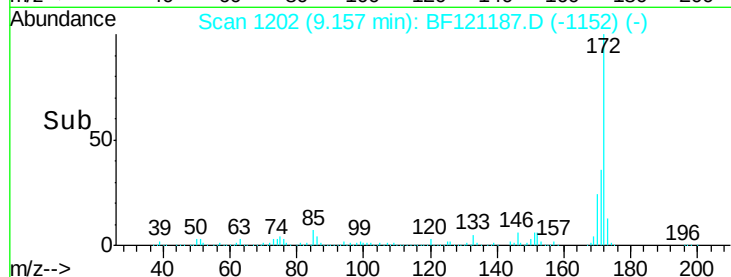
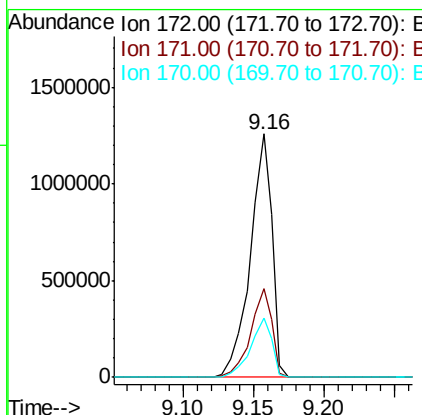
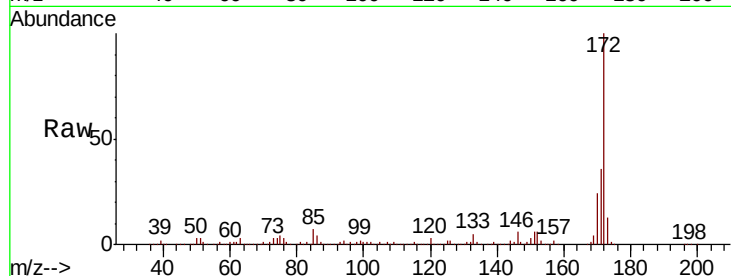




#45
2-Fluorobiphenyl
Concen: 66.897 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

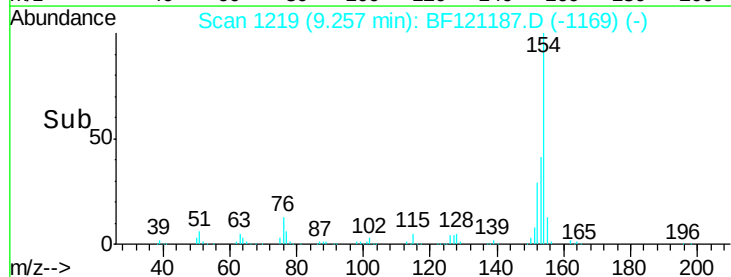
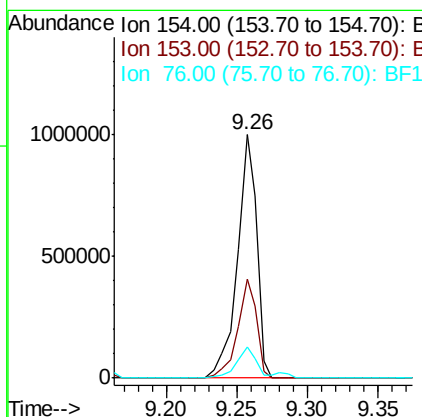
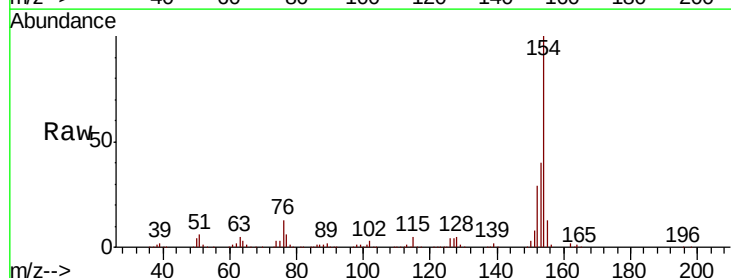
Instrument :
BNA_F
ClientSampleId :
PB130722BS

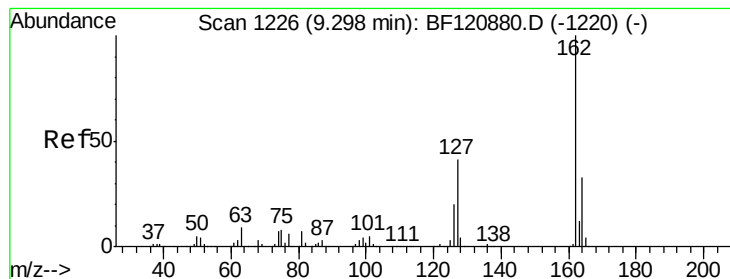
Tot Ion:172 Resp: 1361449
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 40.782 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:154 Resp: 945251
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 12.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 38.407 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

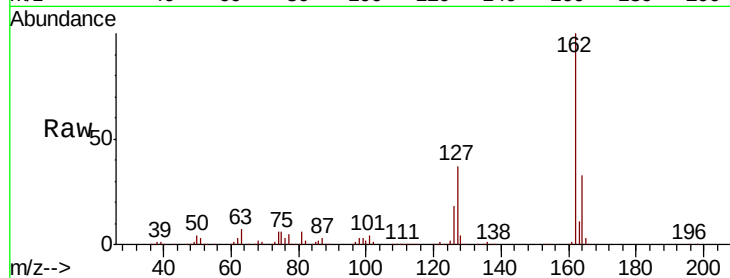
Tot Ion:162 Resp: 725785

Ion Ratio Lower Upper

162 100

127 37.4 31.1 46.7

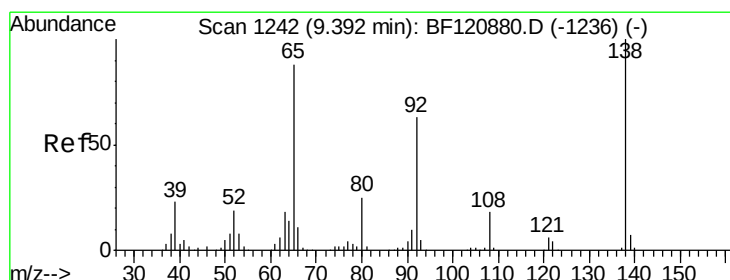
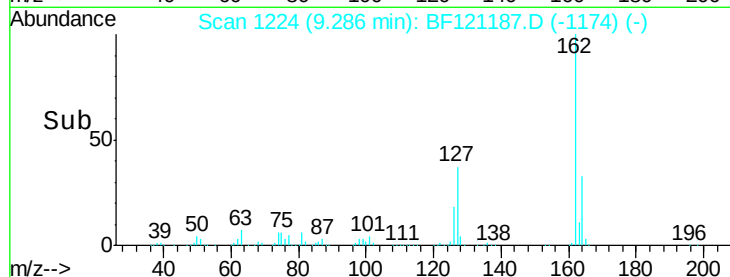
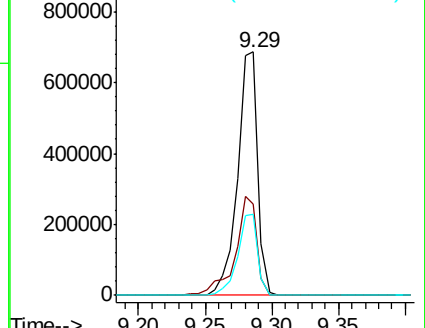
164 33.4 26.6 40.0



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: 39.227 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

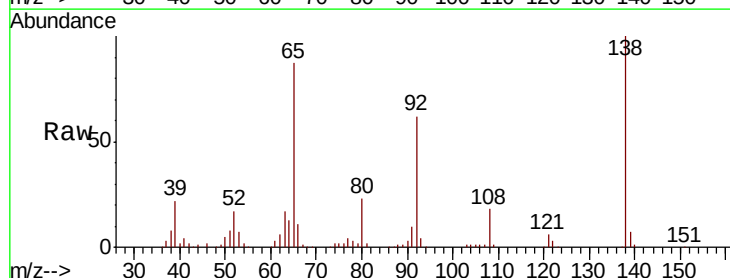
Tgt Ion: 65 Resp: 224017

Ion Ratio Lower Upper

65 100

92 71.4 58.0 87.0

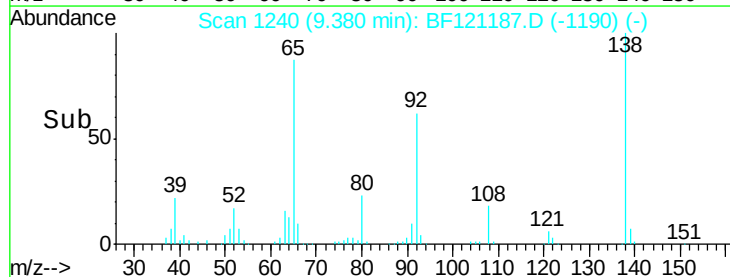
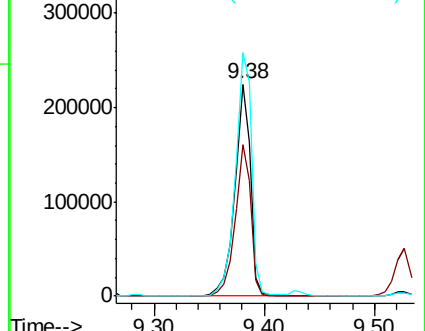
138 114.9 93.3 139.9

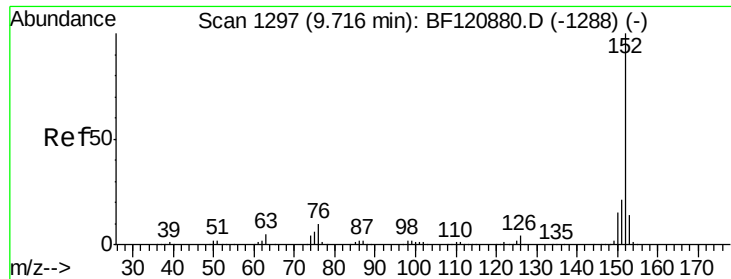


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.191 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion:152 Resp: 1150541

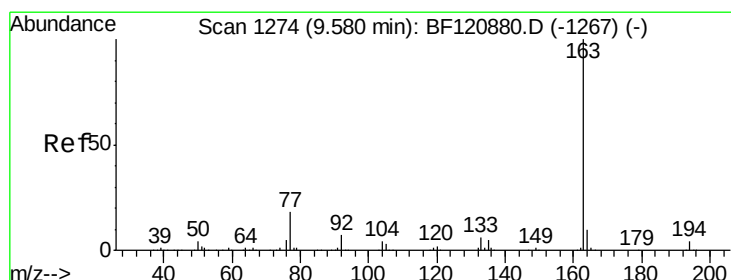
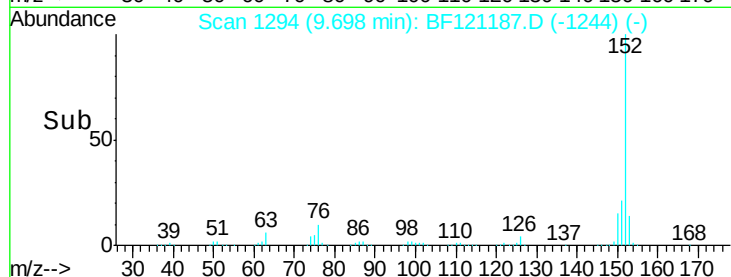
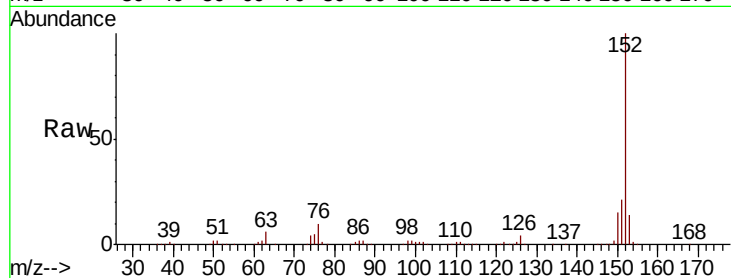
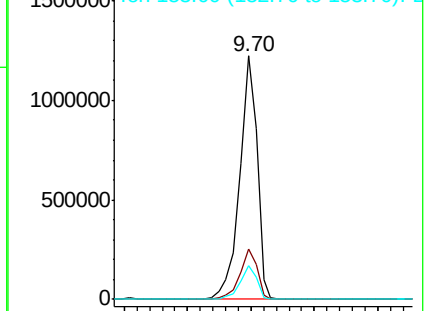
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.7	11.0	16.4

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: 39.843 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Tgt Ion:163 Resp: 873413

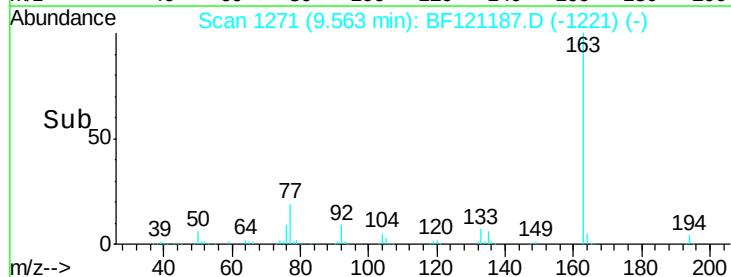
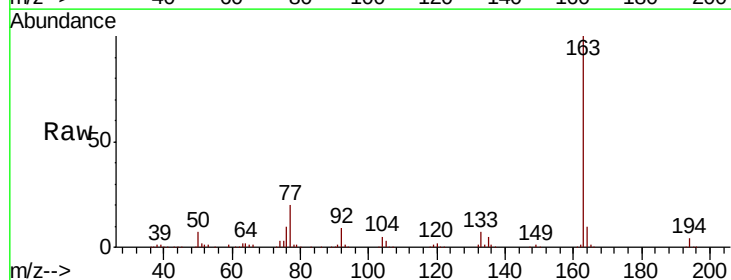
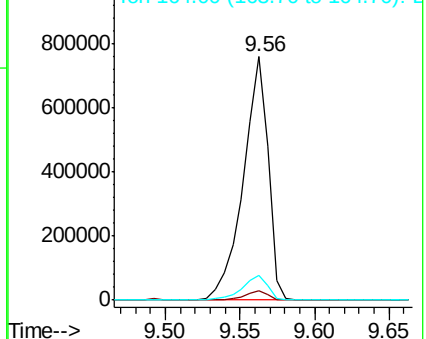
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.3	8.4	12.6

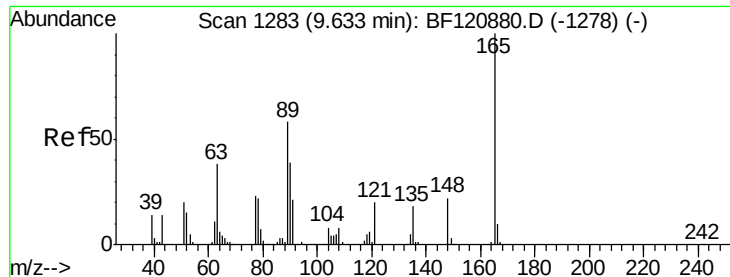
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.076 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

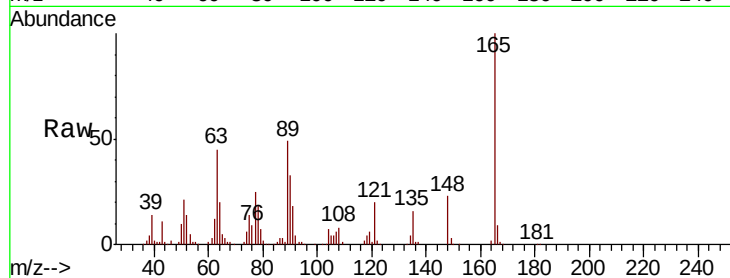
Tot Ion:165 Resp: 193452

Ion Ratio Lower Upper

165 100

63 45.1 41.1 61.7

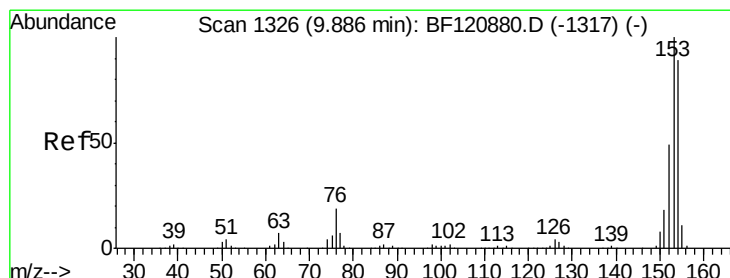
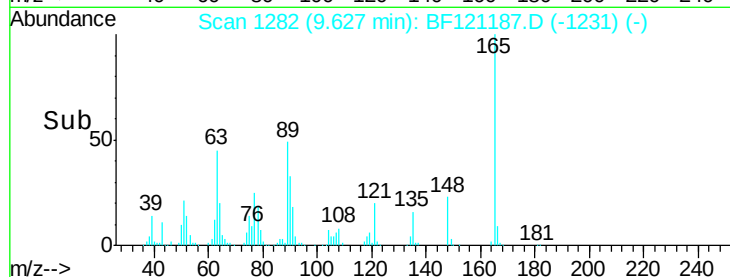
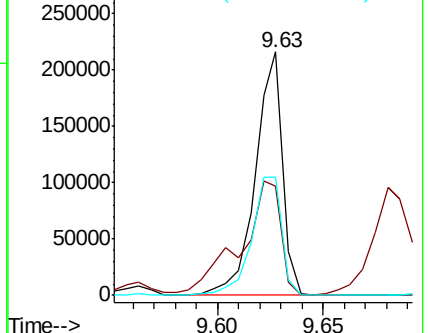
89 48.7 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.991 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

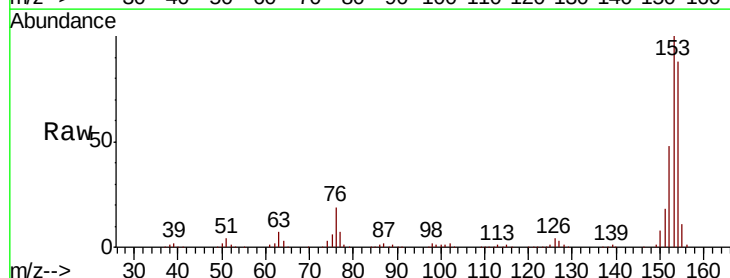
Tgt Ion:154 Resp: 671752

Ion Ratio Lower Upper

154 100

153 113.0 89.6 134.4

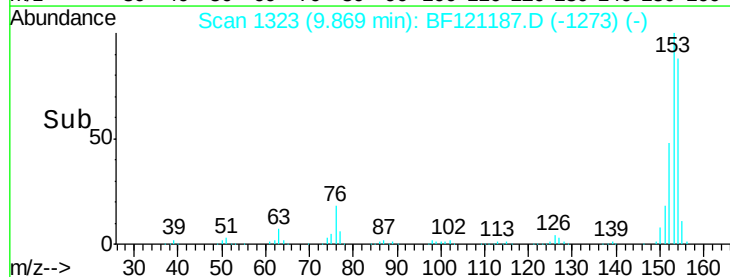
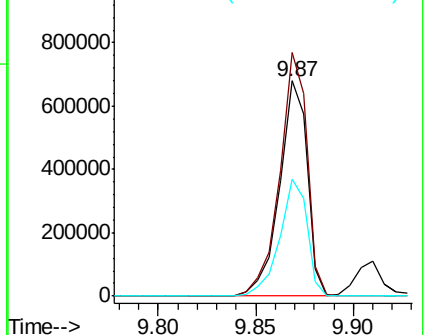
152 54.3 43.8 65.6

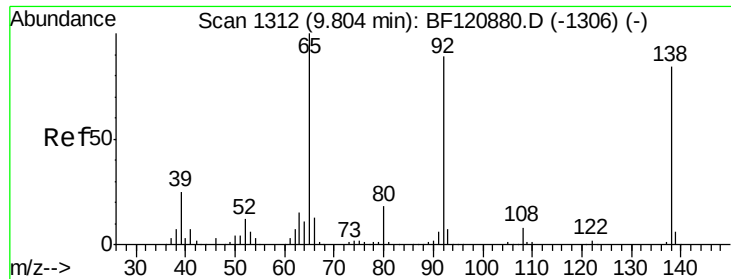


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

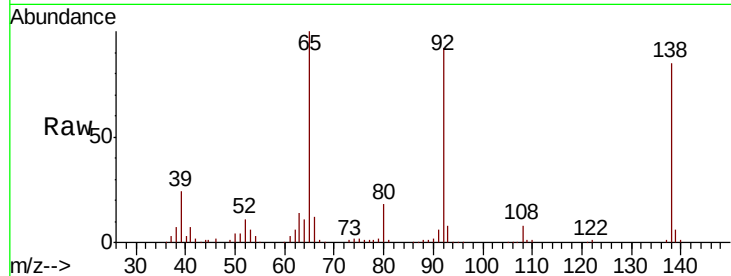




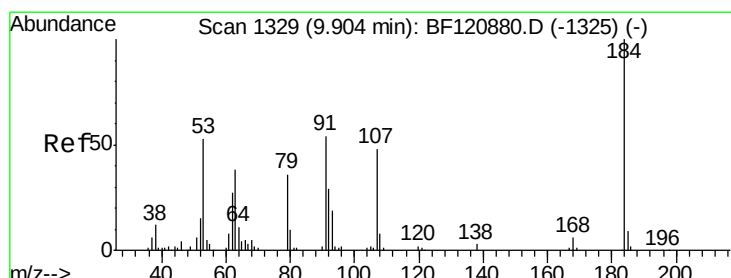
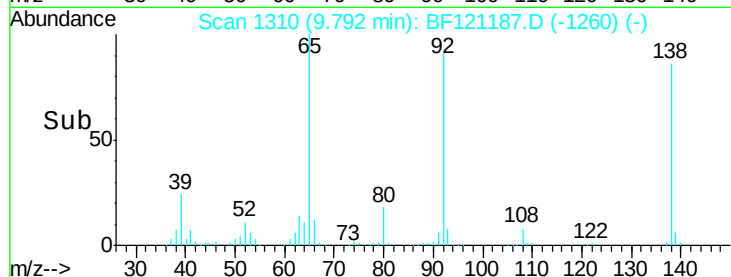
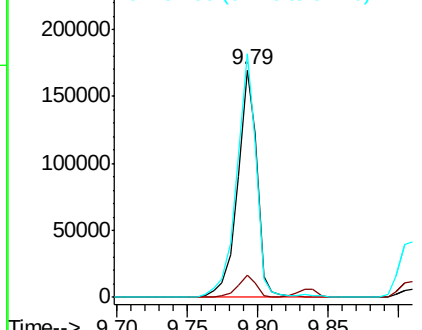
#53
 3-Nitroaniline
 Concen: 27.319 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion:138 Resp: 161364
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.8
 92 107.2 85.0 127.4

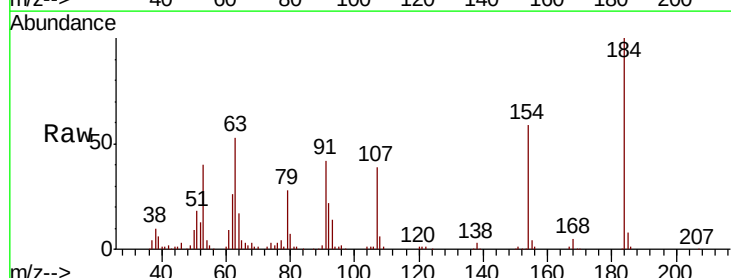


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

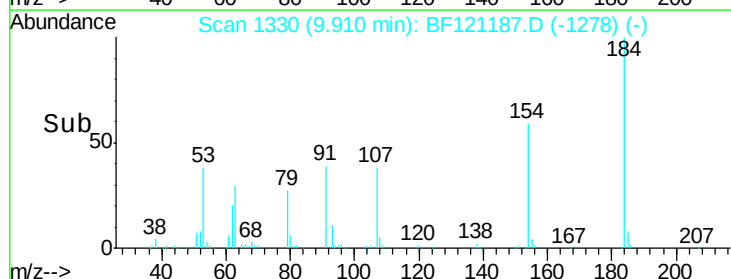
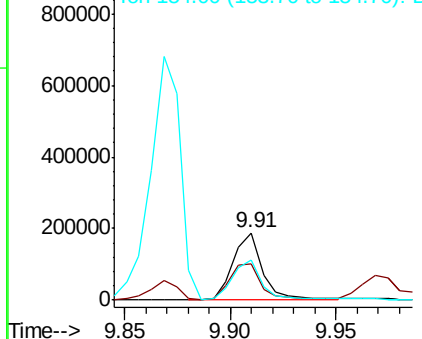


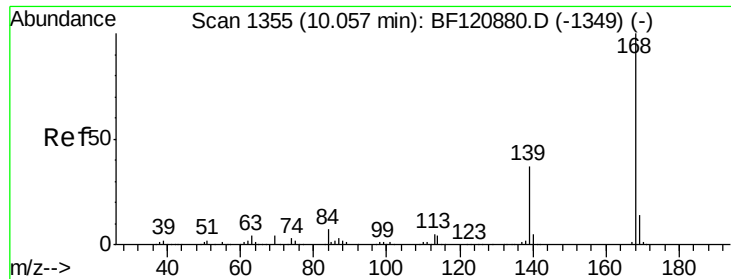
#54
 2,4-Dinitrophenol
 Concen: 68.944 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:184 Resp: 184096
 Ion Ratio Lower Upper
 184 100
 63 53.0 42.5 63.7
 154 59.1 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

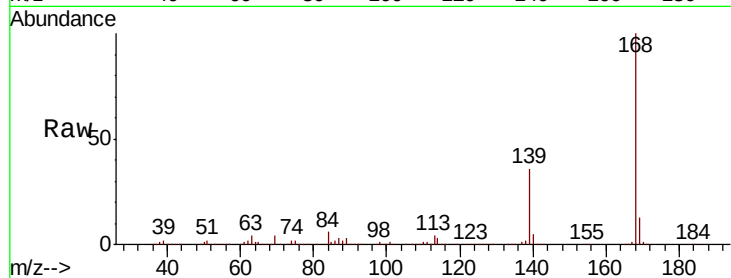




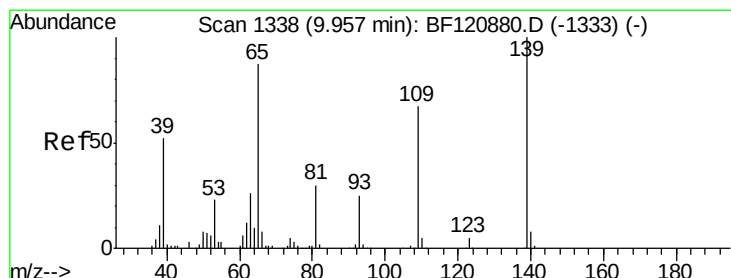
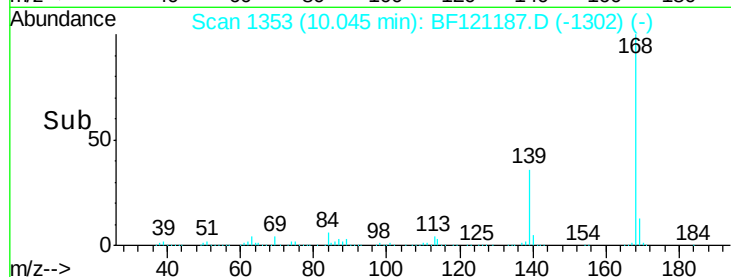
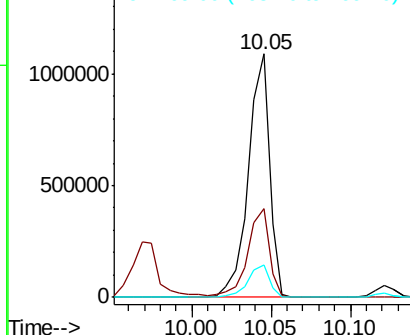
#55
Dibenzofuran
Concen: 37.234 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:168 Resp: 1004976
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 13.4 11.3 16.9

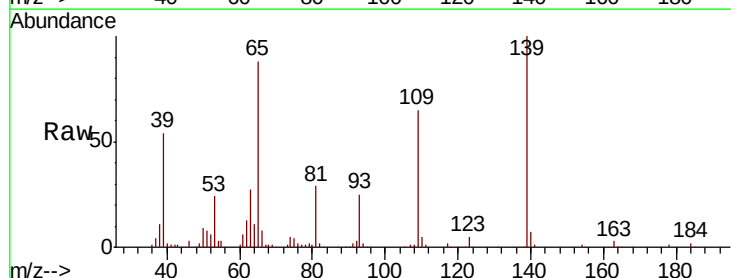


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

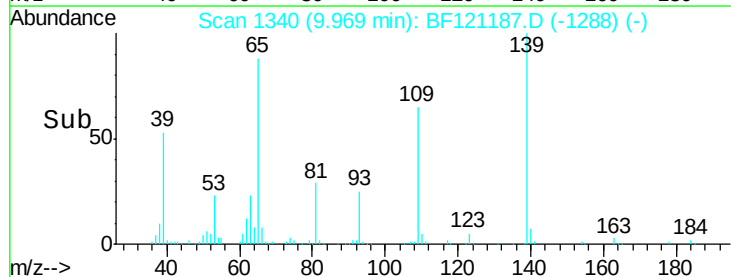
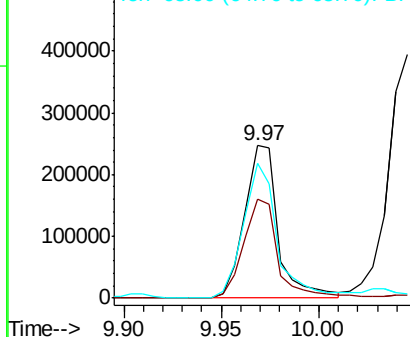


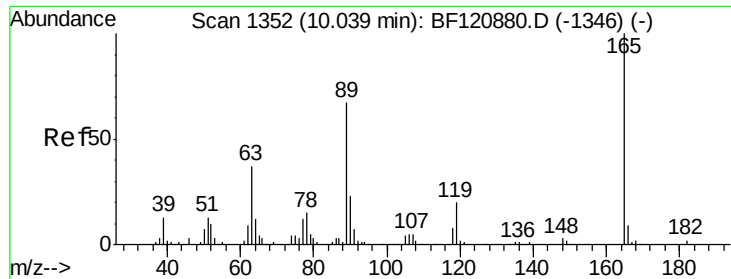
#56
4-Nitrophenol
Concen: 66.084 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:139 Resp: 296512
Ion Ratio Lower Upper
139 100
109 65.4 44.8 84.8
65 88.3 65.6 105.6



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

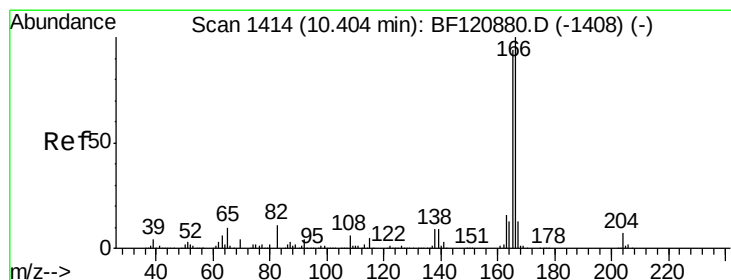
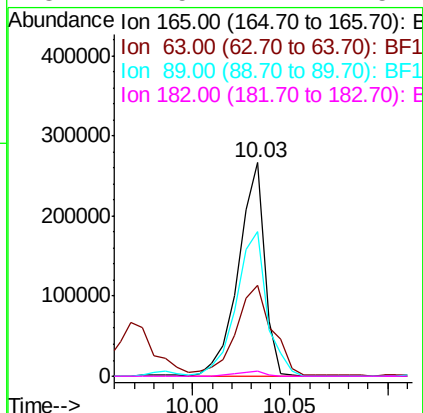
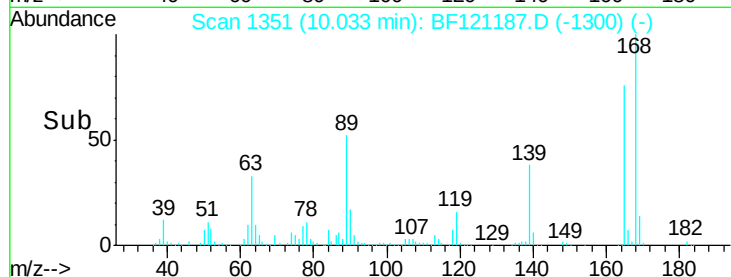
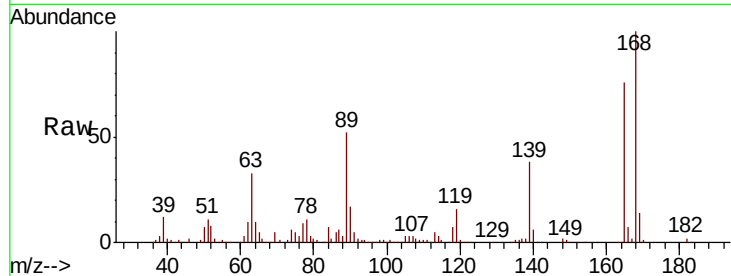




#57
2,4-Dinitrotoluene
Concen: 40.386 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

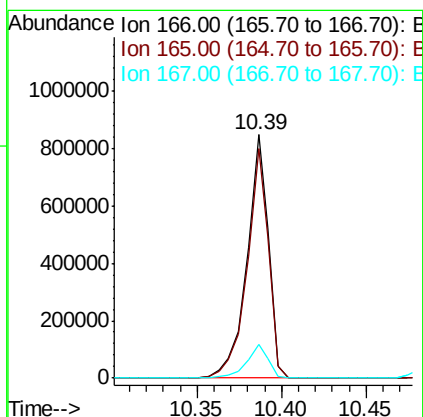
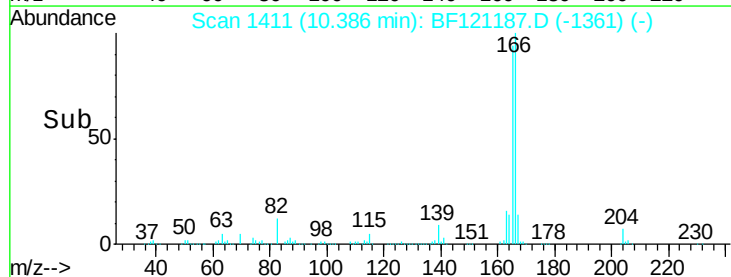
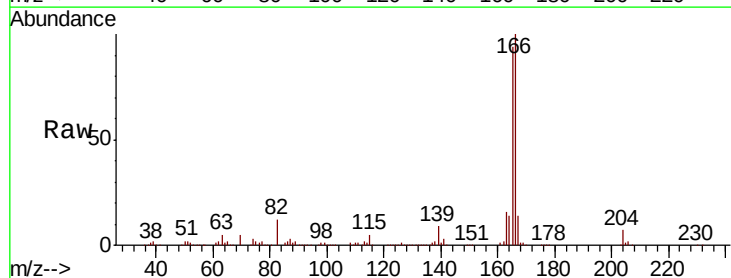
Instrument :
BNA_F
ClientSampleId :
PB130722BS

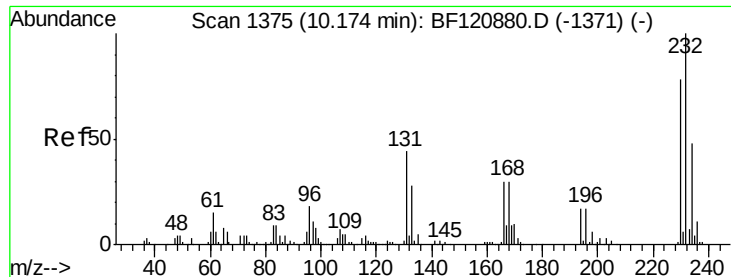
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	29.8	44.8
89	67.9	50.3	75.5
182	2.5	2.1	3.1



#58
Fluorene
Concen: 37.505 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.4	114.6
167	13.7	10.7	16.1

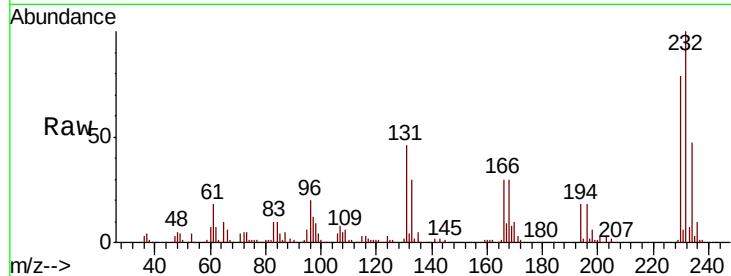




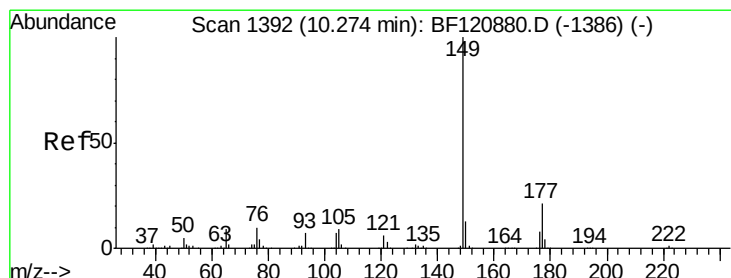
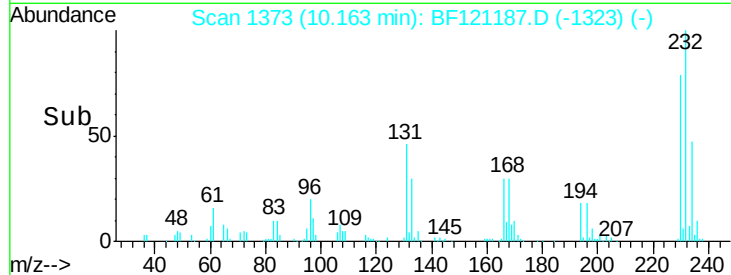
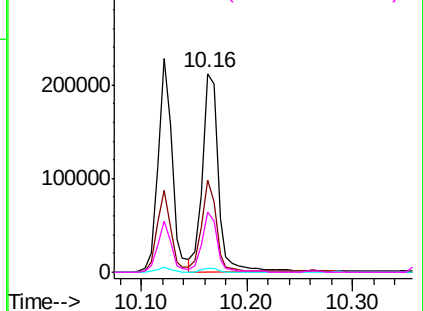
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.216 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion:232	Resp:	221888
Ion Ratio	Lower	Upper
232	100	
131	42.8	34.2 51.2
130	2.0	1.7 2.5
166	28.5	23.1 34.7

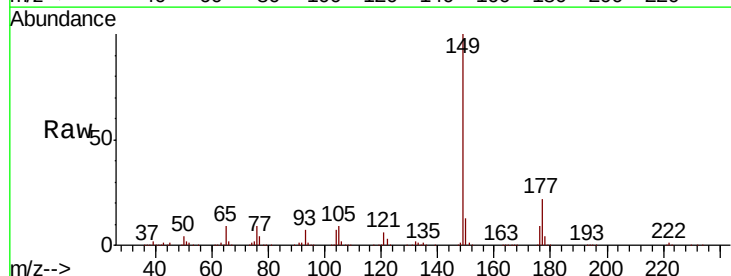


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

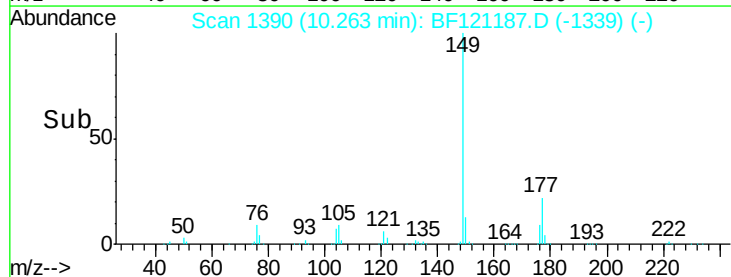
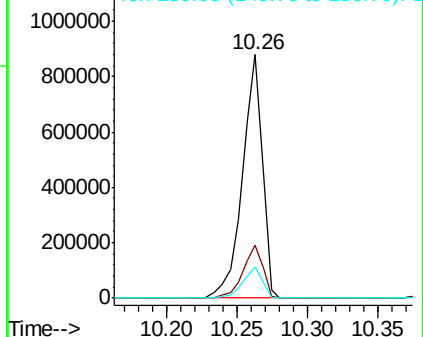


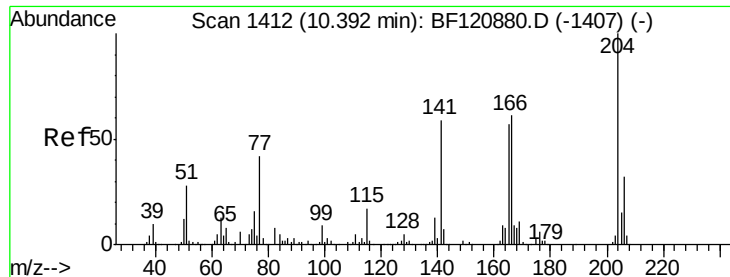
#60
 Diethylphthalate
 Concen: 38.736 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:149	Resp:	858879
Ion Ratio	Lower	Upper
149	100	
177	21.8	17.6 26.4
150	12.8	10.2 15.4



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

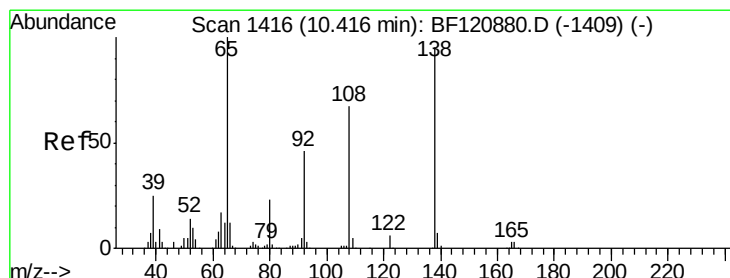
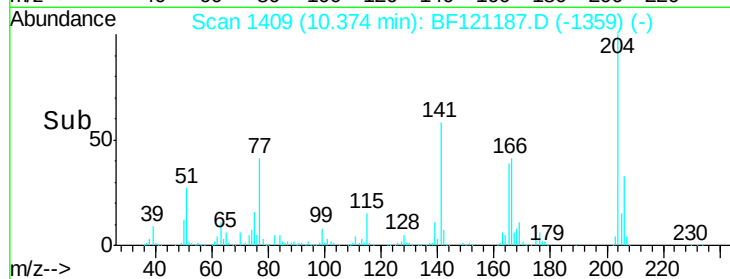
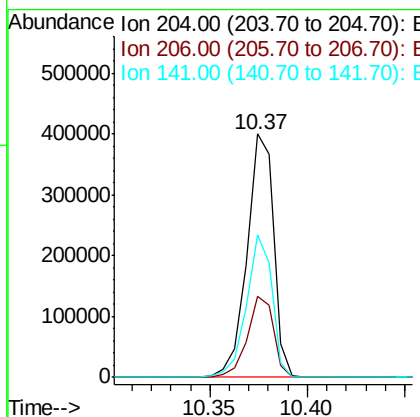
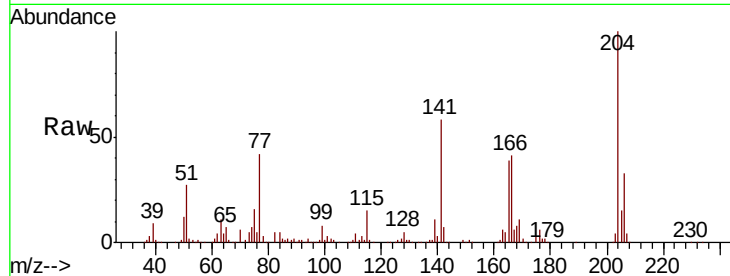




#61
4-Chlorophenyl-phenylether
Concen: 35.350 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

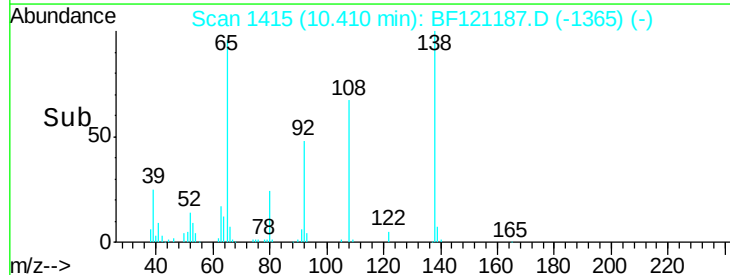
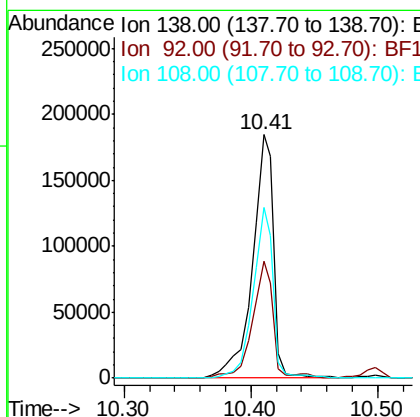
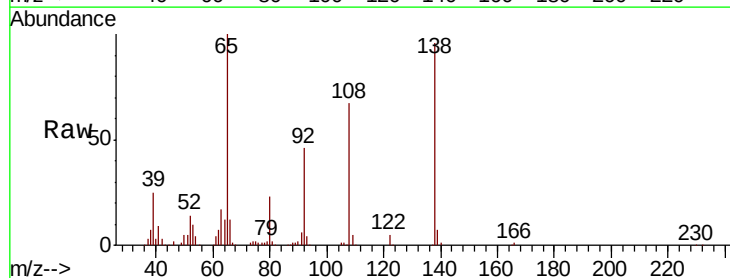
Instrument :
BNA_F
ClientSampleId :
PB130722BS

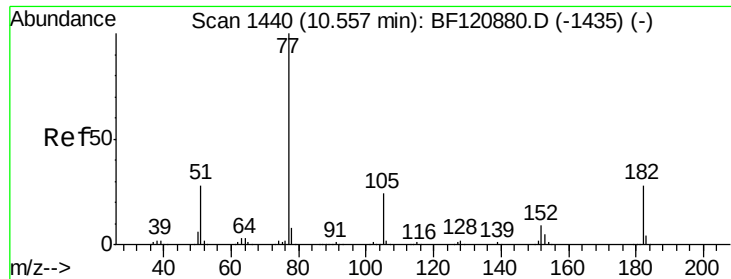
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	58.3	46.9	70.3



#62
4-Nitroaniline
Concen: 37.554 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	25.2	65.2
108	70.1	46.7	86.7





#63

Azobenzene

Concen: 37.930 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

Tot Ion: 77 Resp: 800656

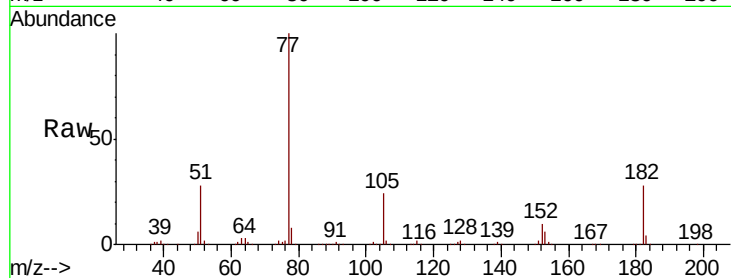
Ion Ratio Lower Upper

77 100

182 27.8 4.5 44.5

105 24.2 3.4 43.4

51 28.1 8.7 48.7

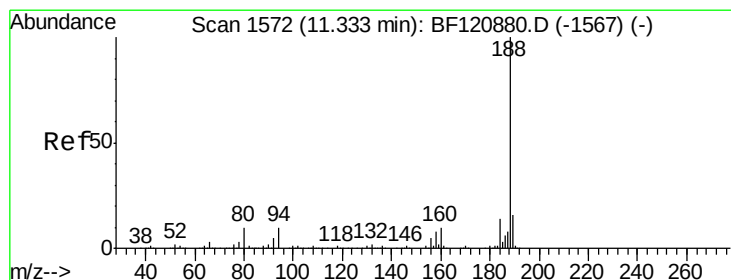
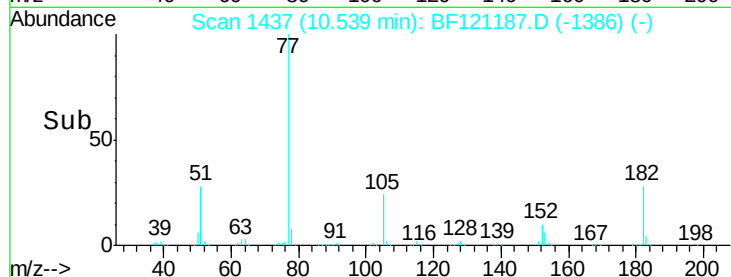
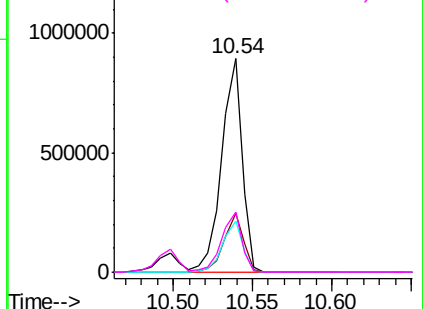


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

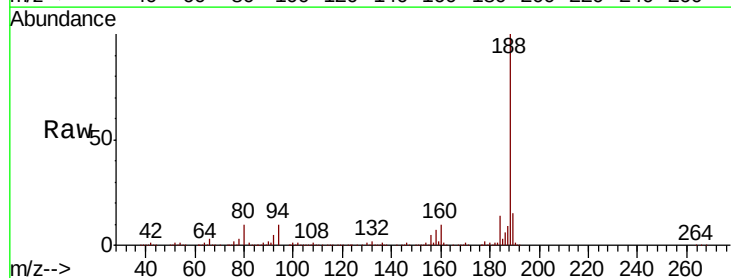
Tgt Ion: 188 Resp: 573241

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

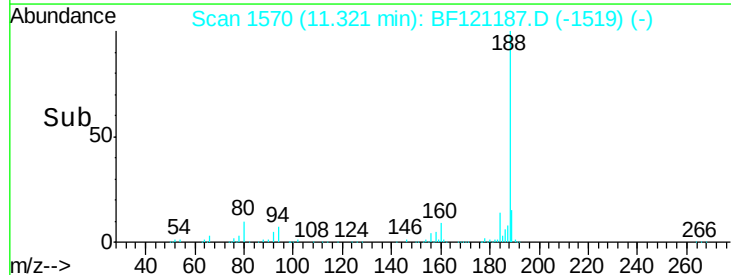
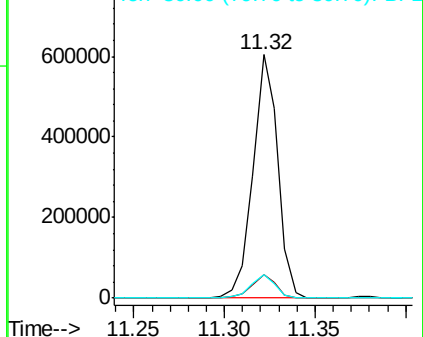
80 9.9 8.3 12.5

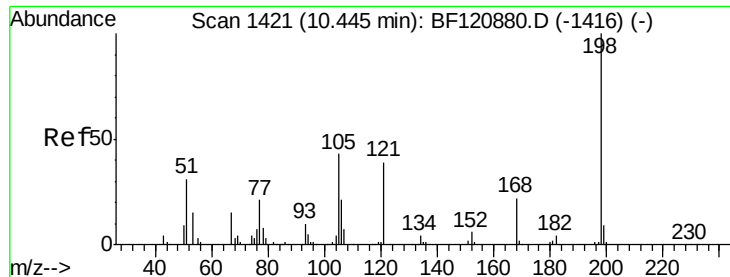


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

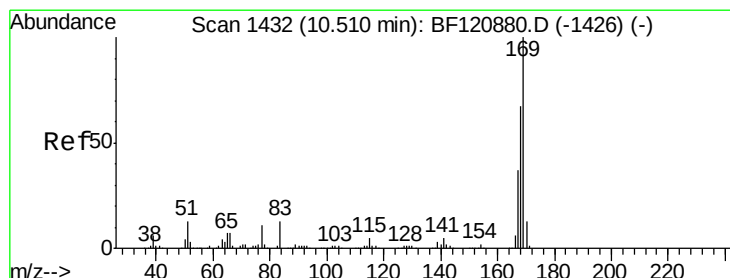
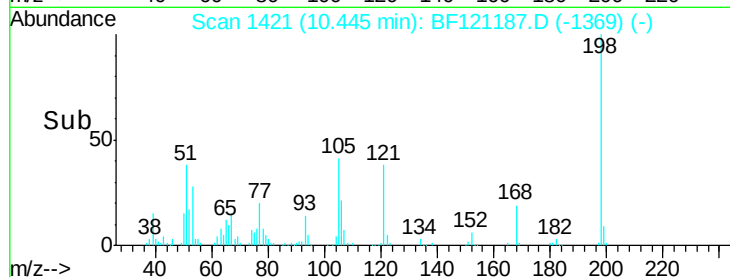
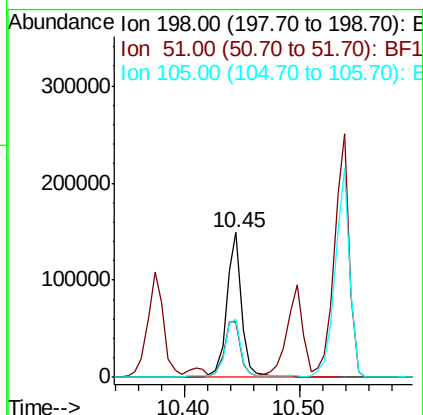
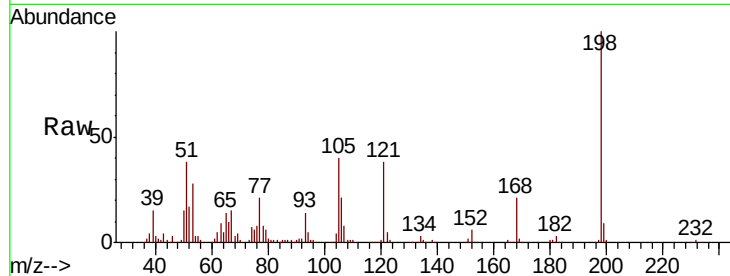




#65
4,6-Dinitro-2-methylphenol
Concen: 40.829 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

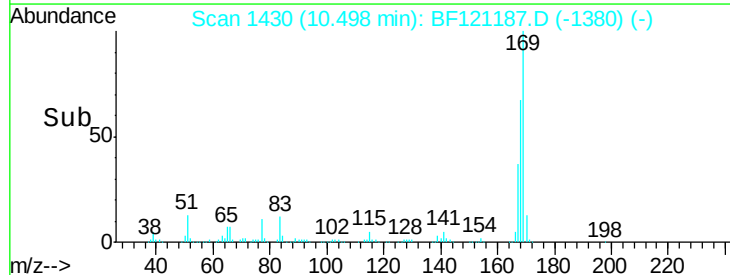
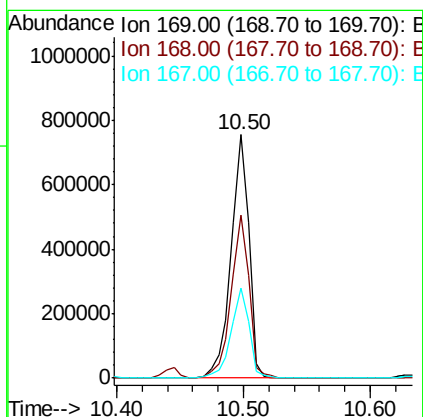
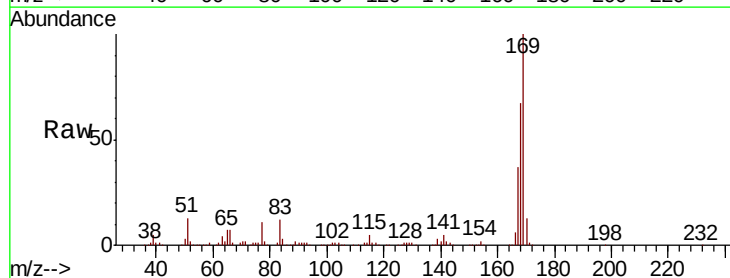
Instrument :
BNA_F
ClientSampleId :
PB130722BS

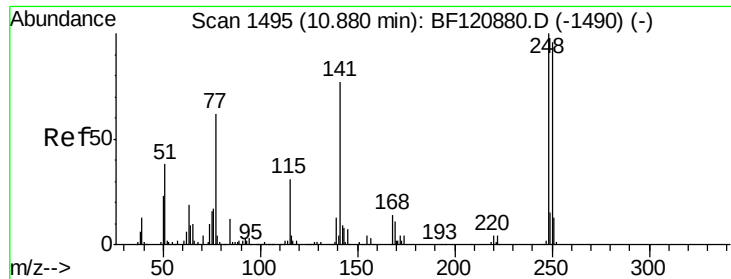
Tot Ion:198 Resp: 133389
Ion Ratio Lower Upper
198 100
51 38.0 23.4 63.4
105 40.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.410 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:169 Resp: 728706
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 37.2 30.0 45.0

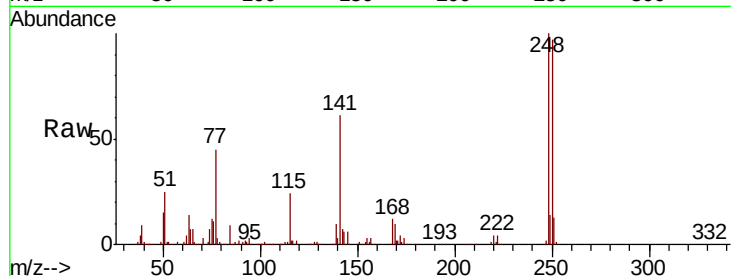




#67
4-Bromophenyl-phenylether
Concen: 39.233 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	61.0	56.6	85.0

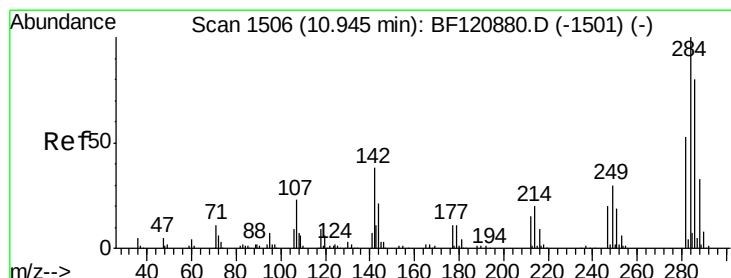
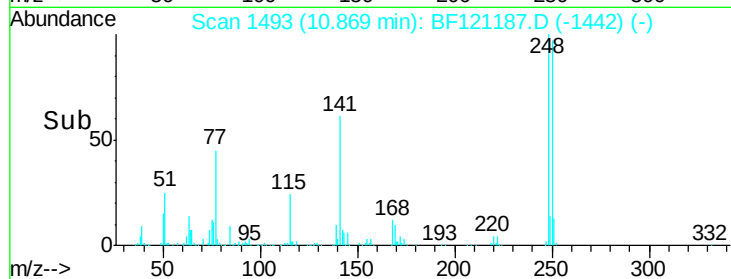
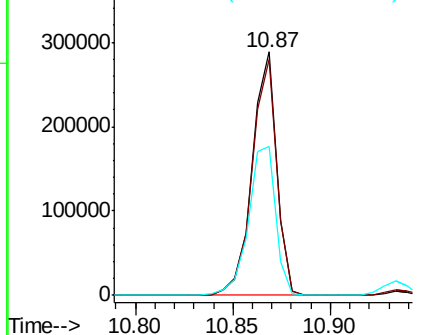


Abundance

Ion 248.00 (247.70 to 248.70): E

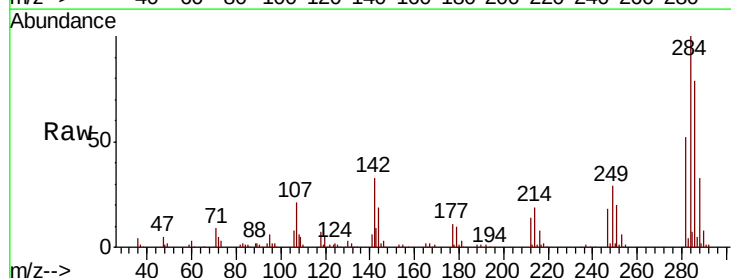
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.383 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	21.1	31.7#
249	29.1	22.5	33.7

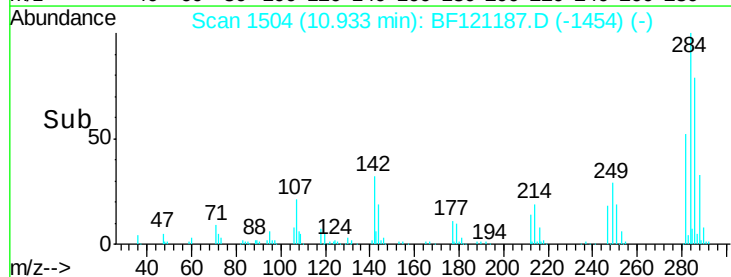
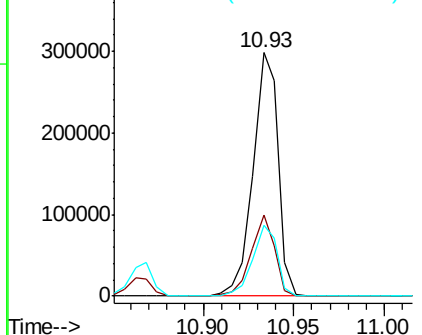


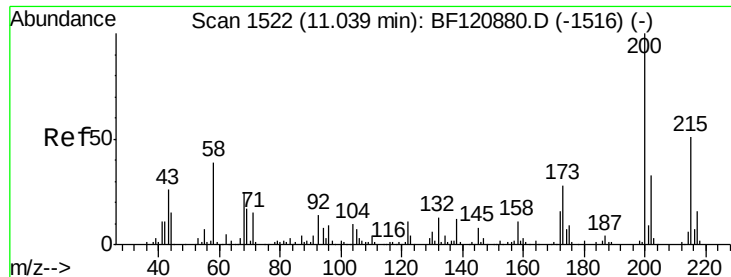
Abundance

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

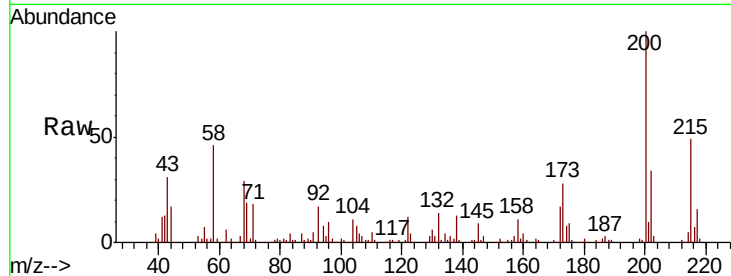




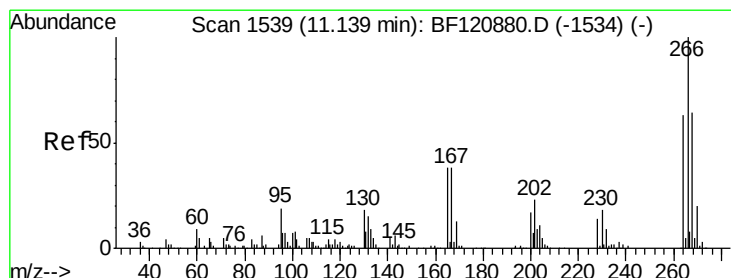
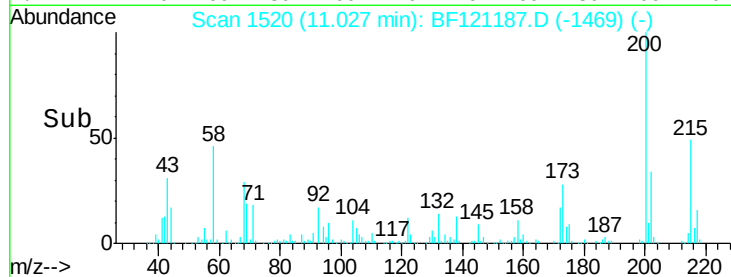
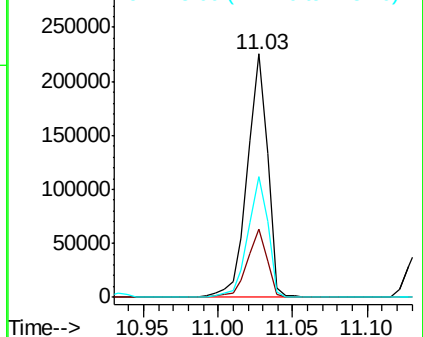
#69
 Atrazine
 Concen: 47.351 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.6	47.6
215	49.4	28.8	68.8

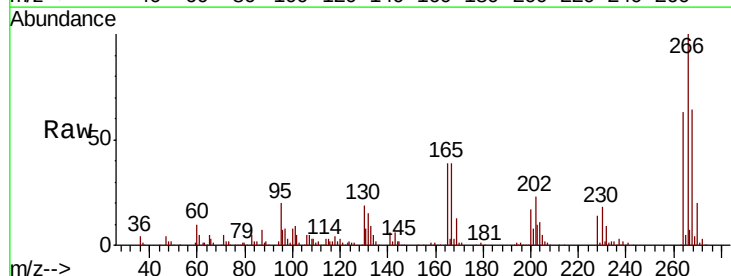


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

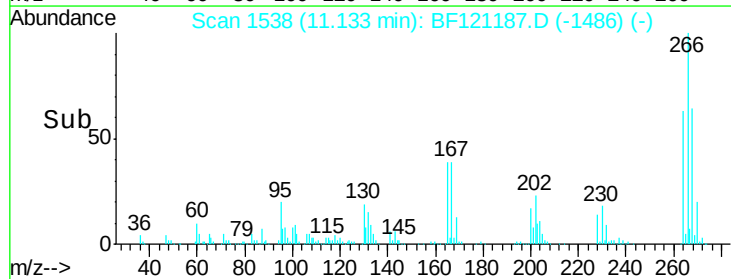
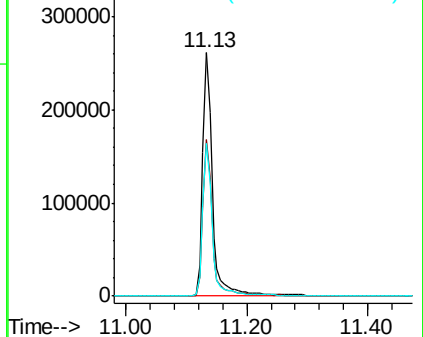


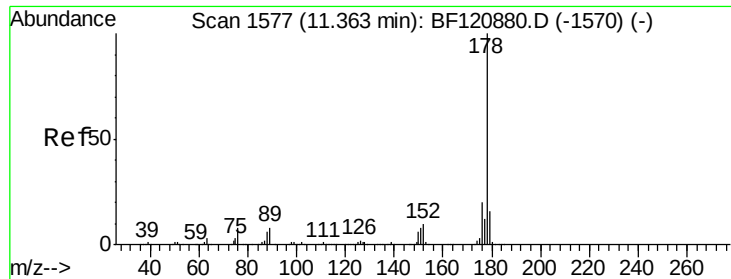
#70
 Pentachlorophenol
 Concen: 75.696 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.7	74.5
264	62.8	50.4	75.6



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

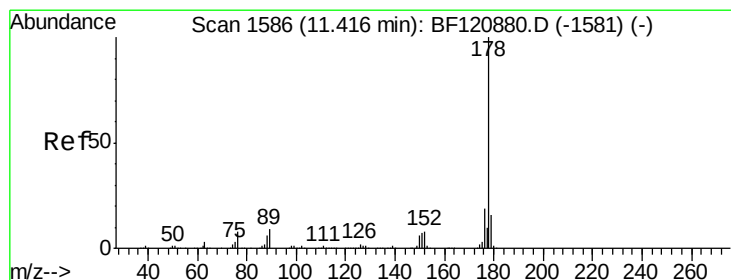
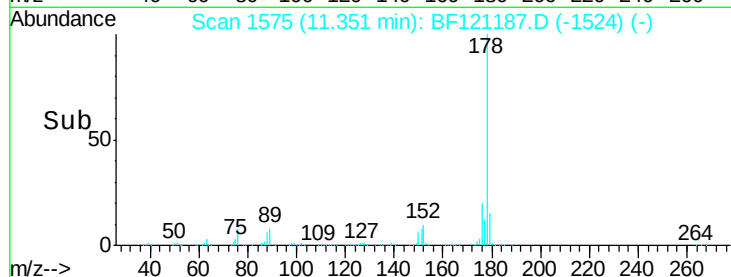
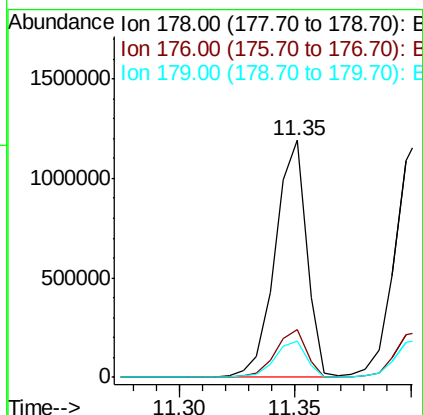
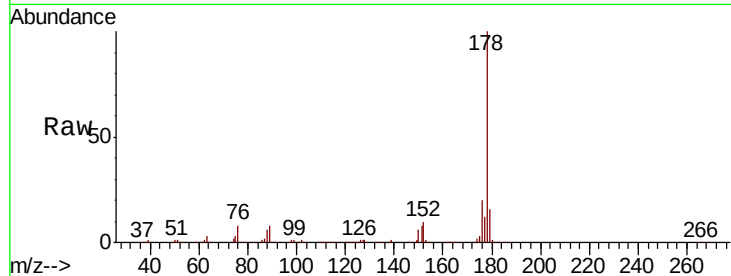




#71
Phenanthrene
Concen: 38.266 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

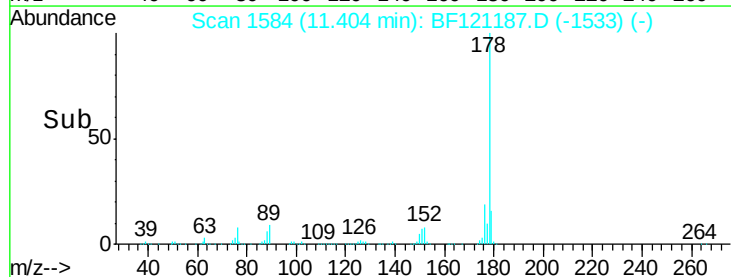
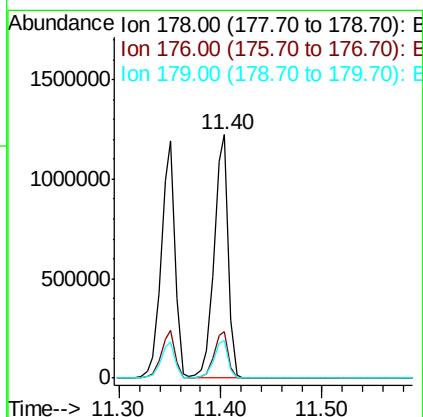
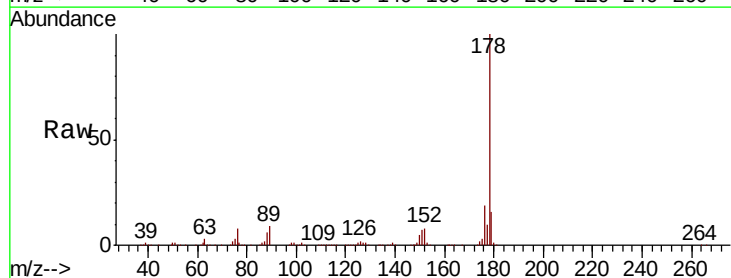
Instrument :
BNA_F
ClientSampleId :
PB130722BS

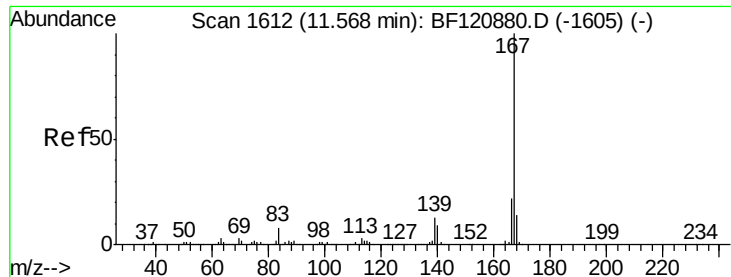
Tot Ion:178 Resp: 1128144
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.5 12.6 19.0



#72
Anthracene
Concen: 39.808 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:178 Resp: 1178485
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0



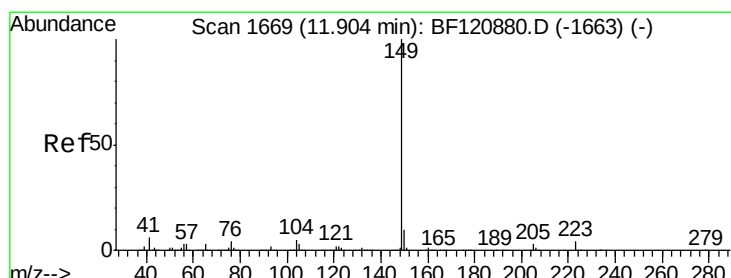
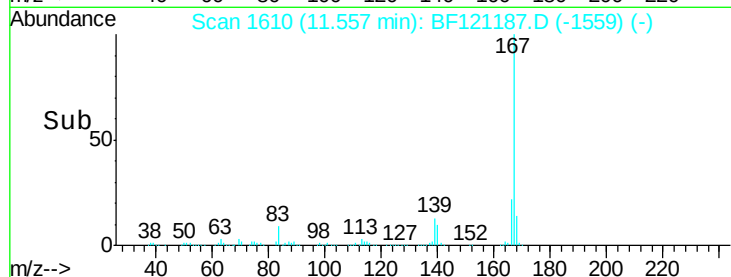
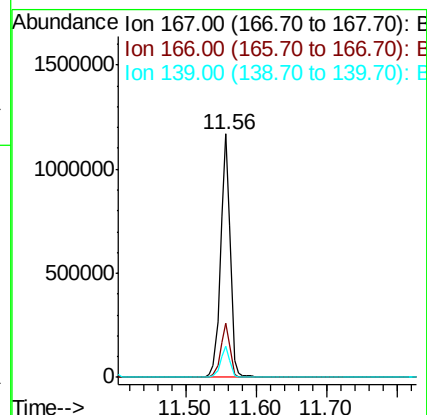
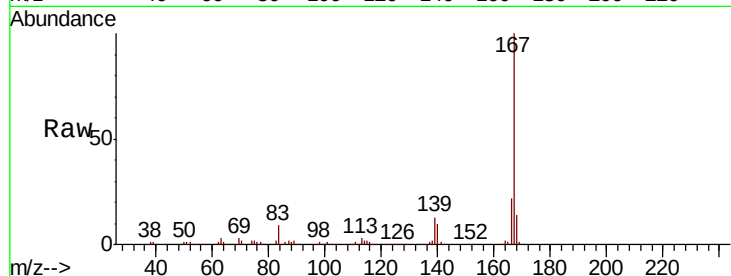


#73
 Carbazole
 Concen: 37.927 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

Tot Ion:167 Resp: 1114276

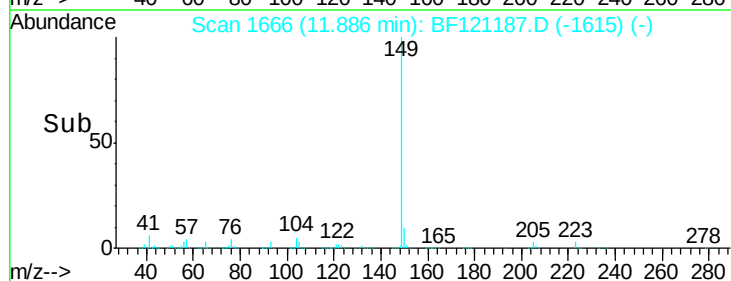
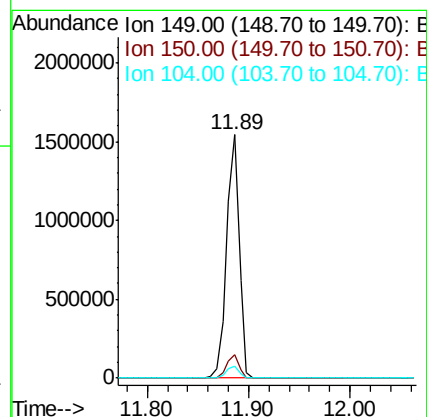
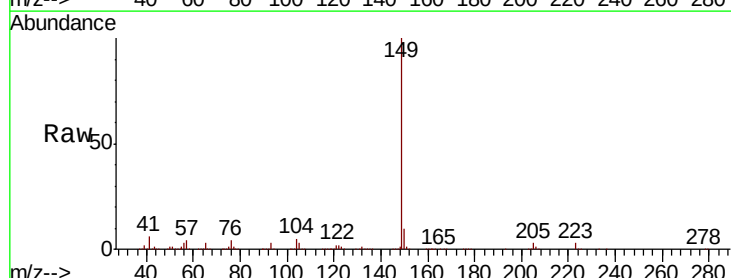
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	13.0	10.5	15.7

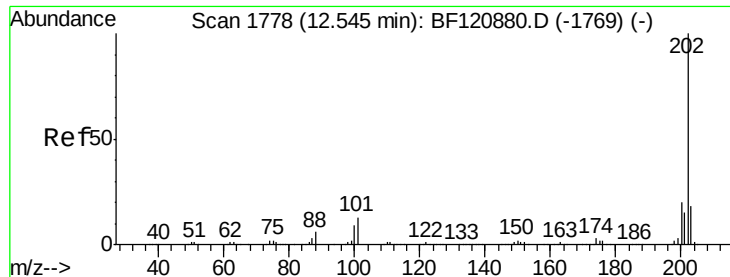


#74
 Di-n-butylphthalate
 Concen: 39.210 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:149 Resp: 1329368

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.7	3.9	5.9

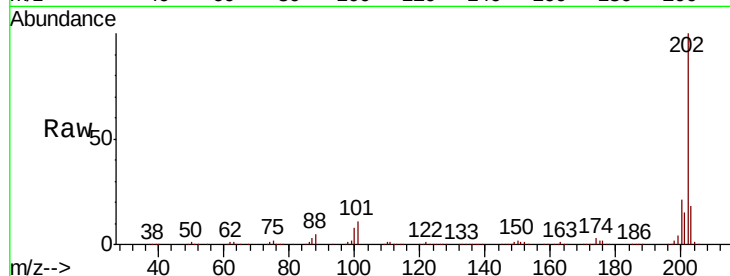




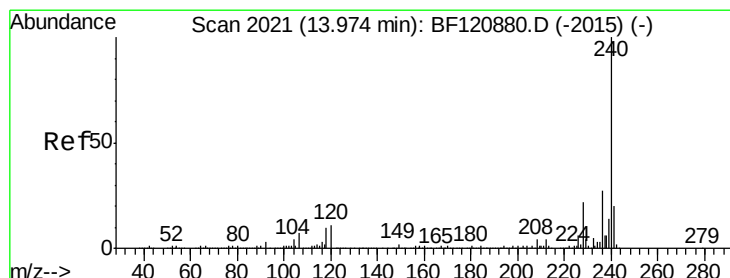
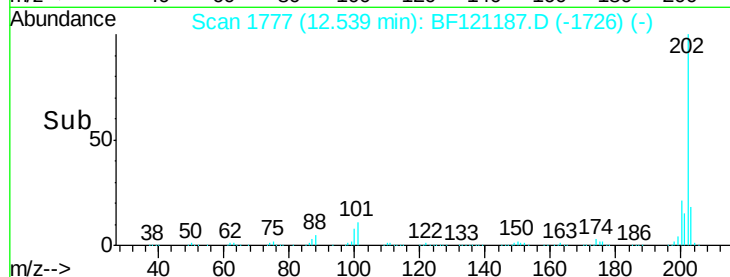
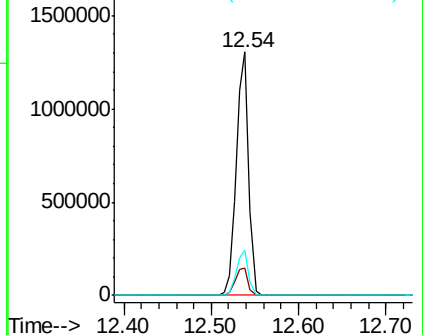
#75
Fluoranthene
Concen: 38.172 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:202 Resp: 1247413
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.5
203 18.4 0.0 37.7

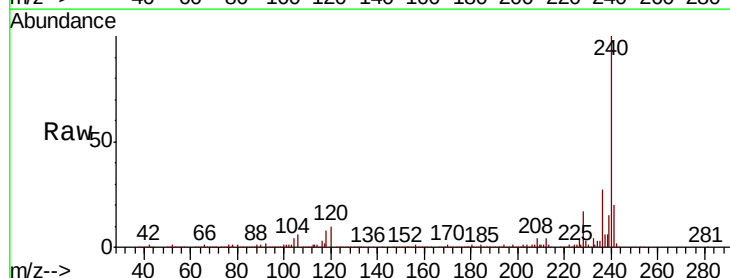


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

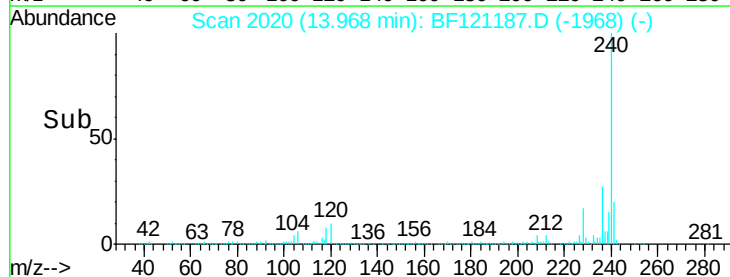
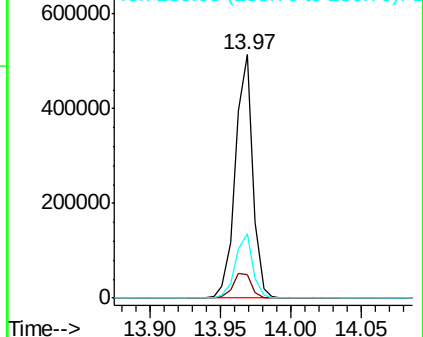


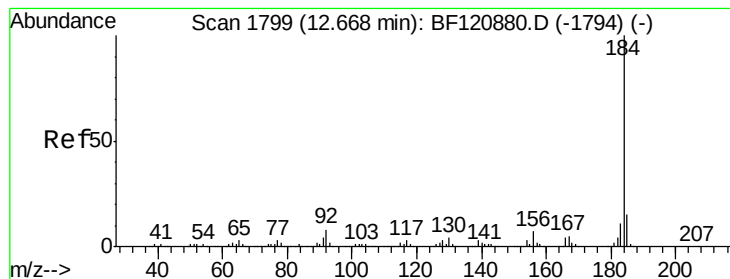
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:240 Resp: 437901
Ion Ratio Lower Upper
240 100
120 9.7 9.3 13.9
236 26.7 21.1 31.7



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





#77

Benzidine

Concen: 67.462 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

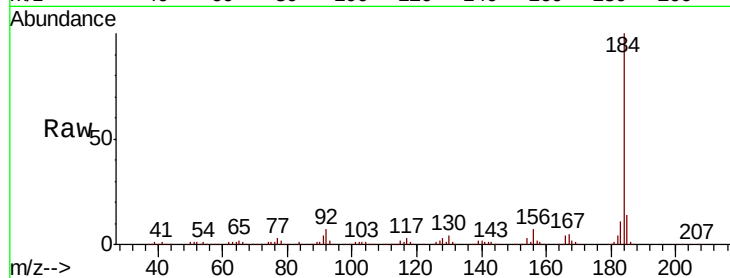
Tot Ion:184 Resp: 776709

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

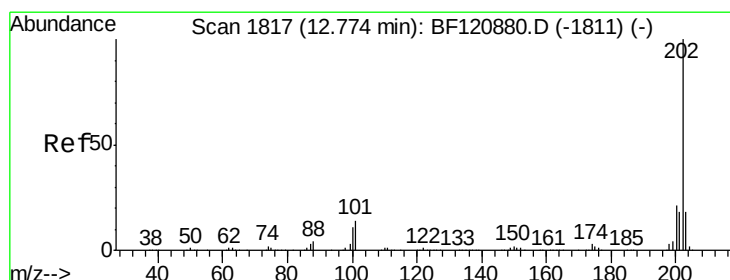
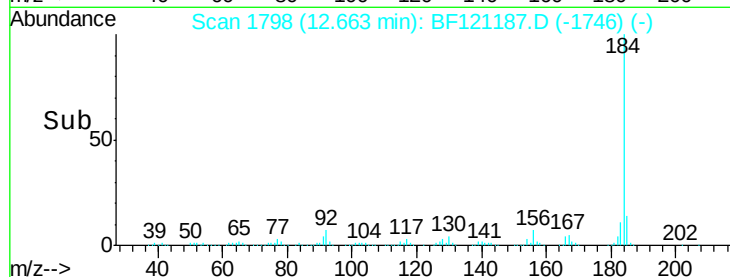
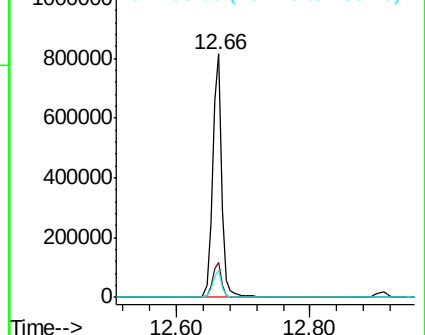
183 11.1 9.0 13.4



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: 41.330 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

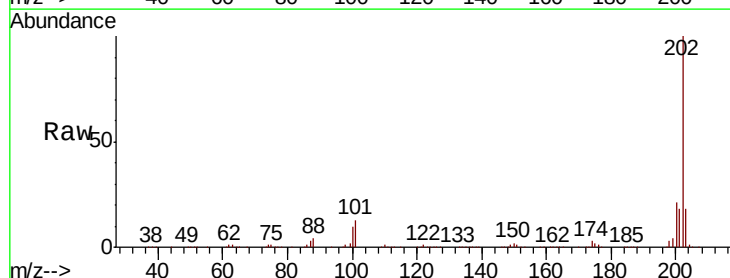
Tgt Ion:202 Resp: 1279565

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

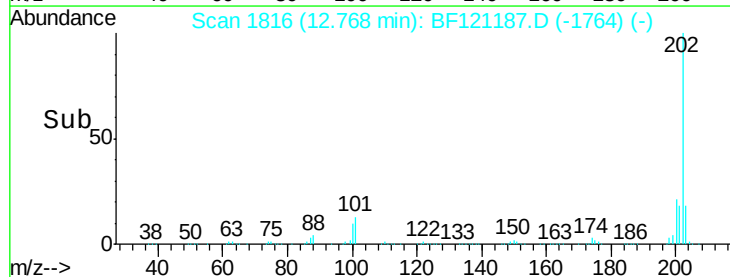
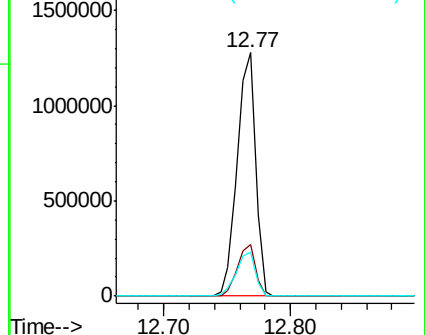
203 18.1 14.6 21.8

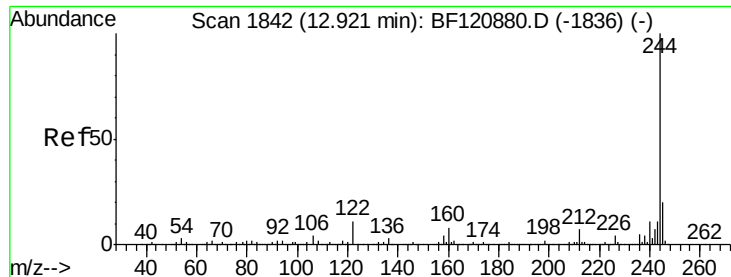


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

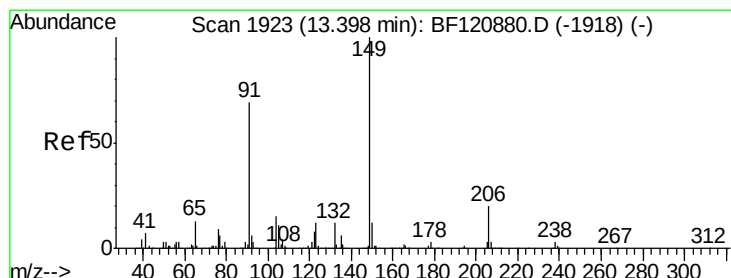
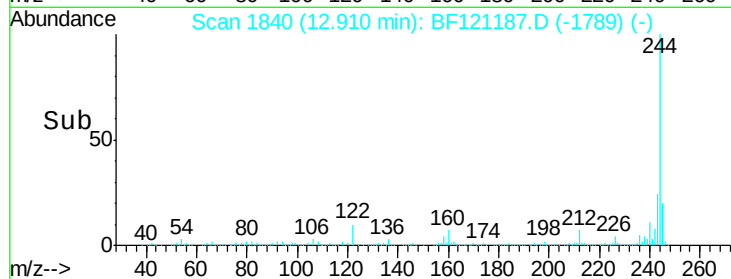
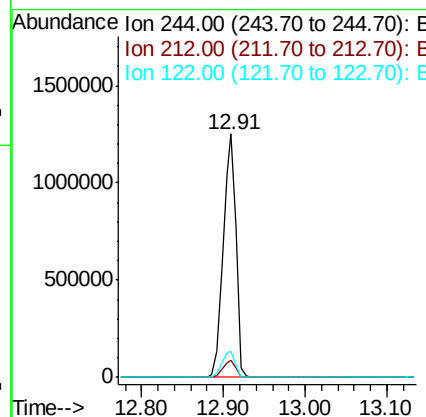
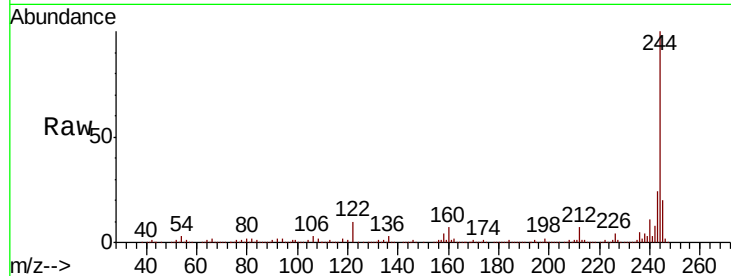




#79
 Terphenyl-d14
 Concen: 67.544 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

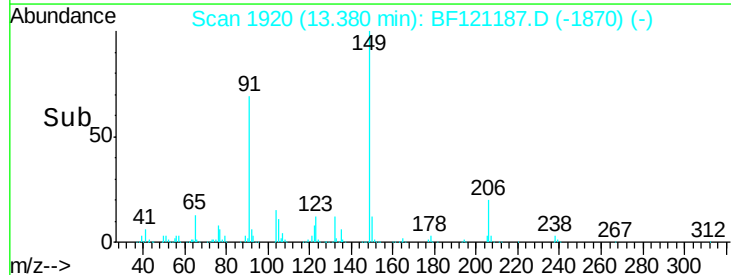
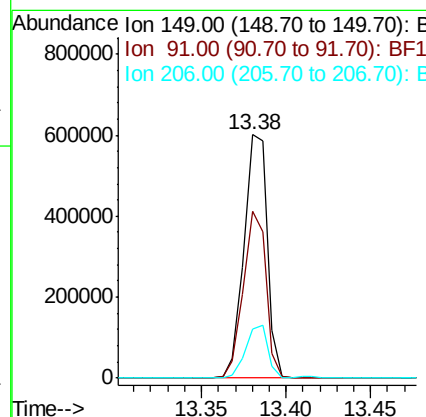
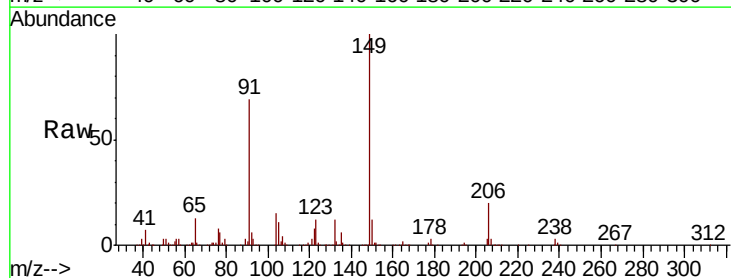
Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

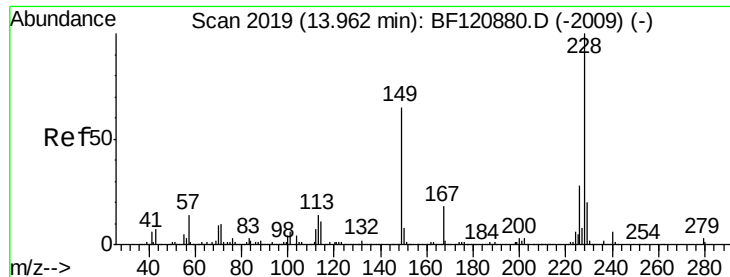
Tot Ion:244 Resp: 1360644
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.988 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:149 Resp: 579495
 Ion Ratio Lower Upper
 149 100
 91 68.7 51.4 77.0
 206 20.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.991 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

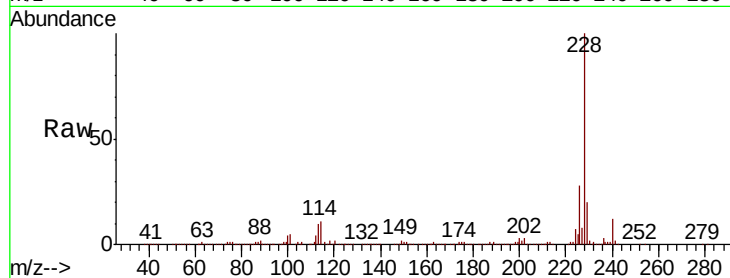
Tot Ion:228 Resp: 1086963

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

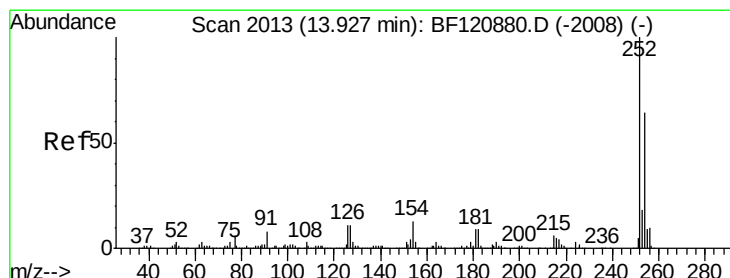
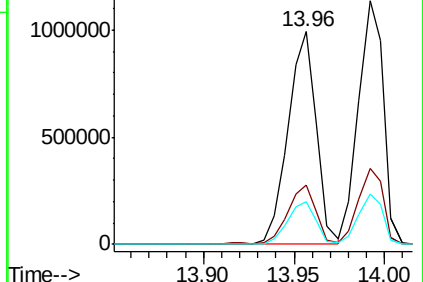
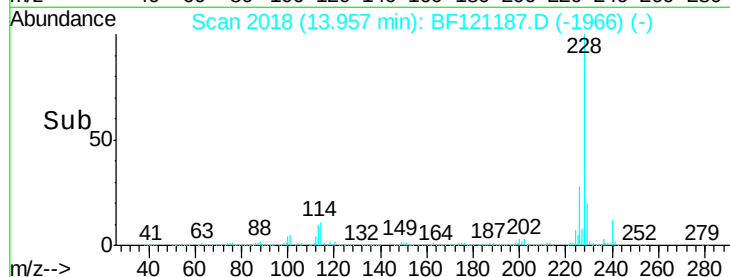
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.205 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

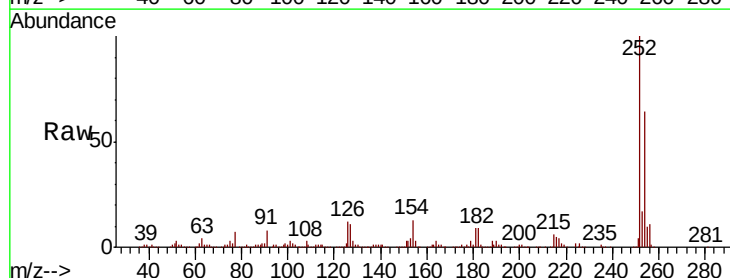
Tgt Ion:252 Resp: 372202

Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

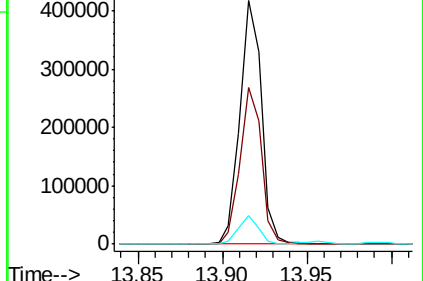
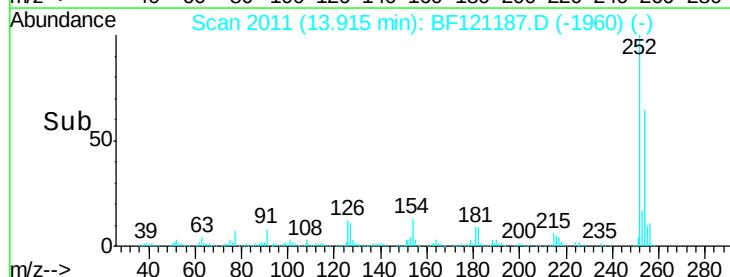
126 11.8 9.2 13.8

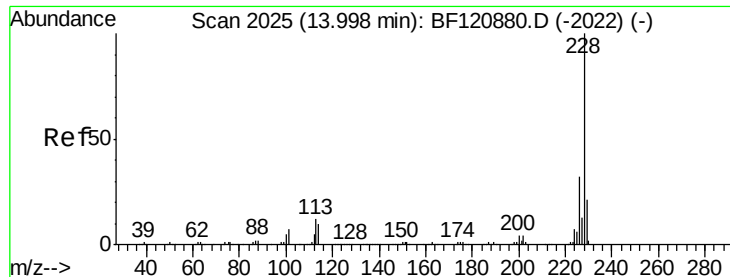


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.272 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

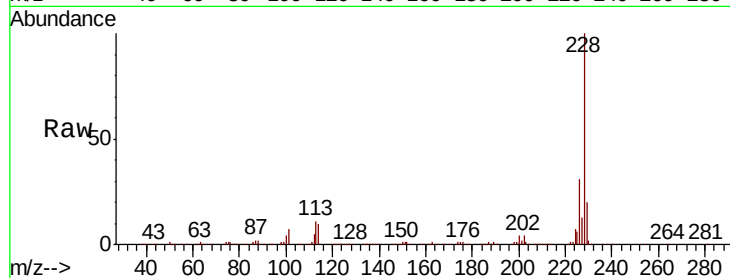
Tot Ion:228 Resp: 1094368

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

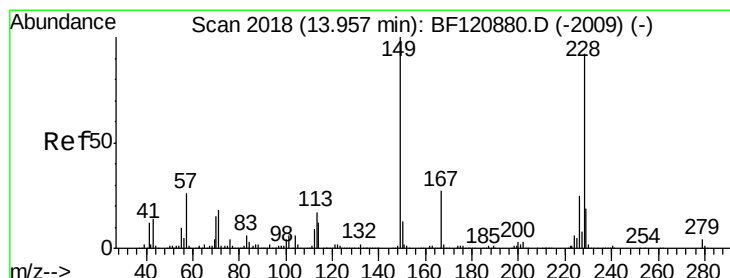
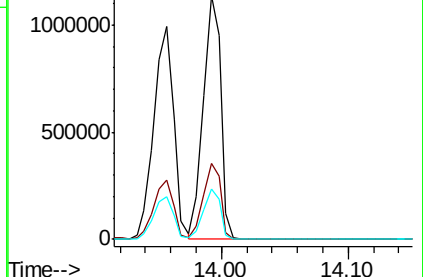
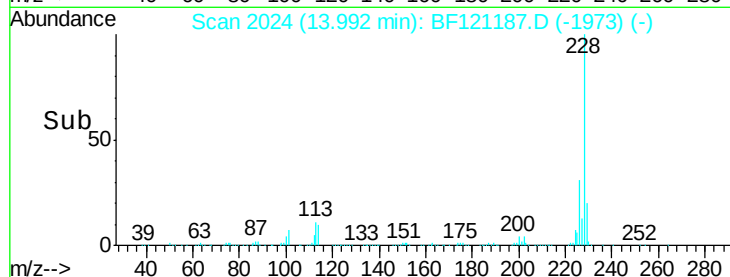
229 20.5 16.2 24.4



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: 44.853 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

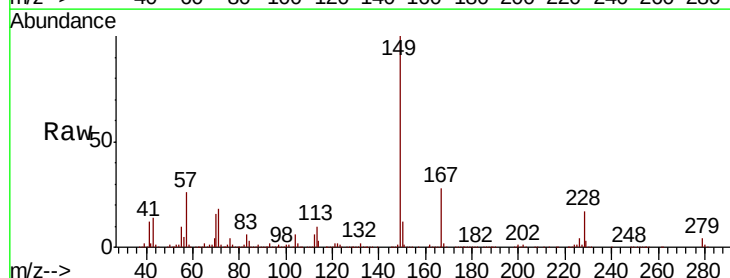
Tgt Ion:149 Resp: 763342

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

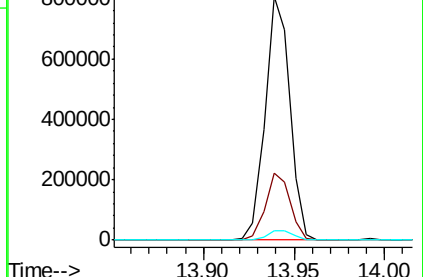
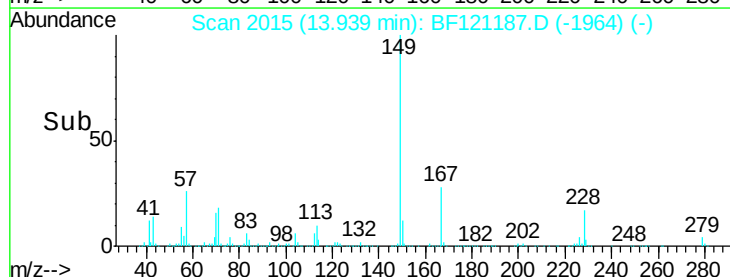
279 3.6 2.9 4.3

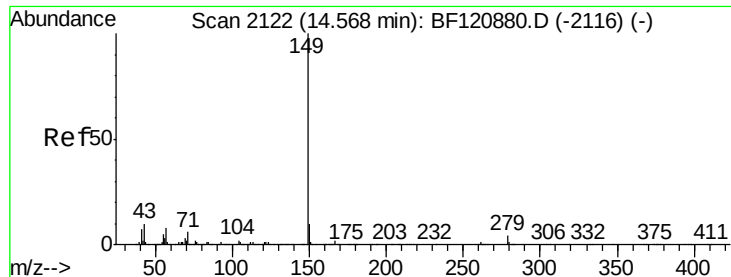


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

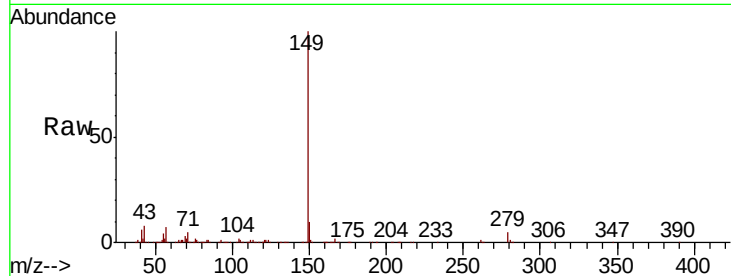




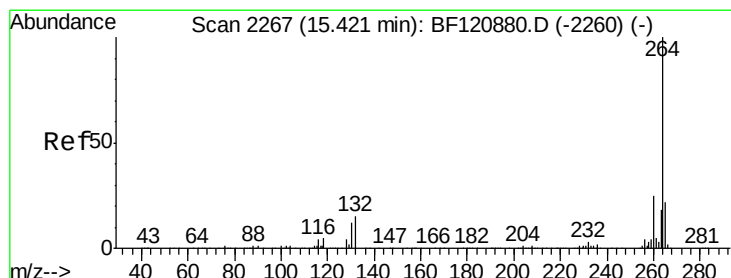
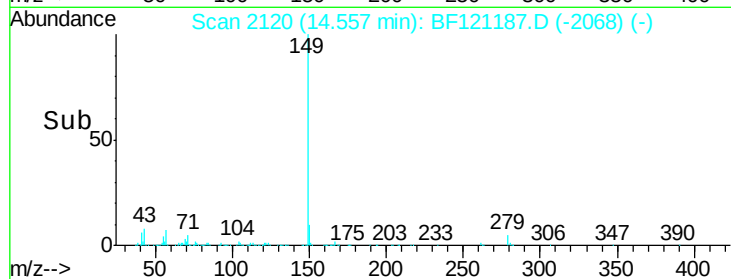
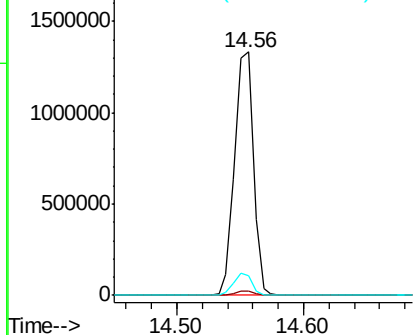
#85
Di-n-octyl phthalate
Concen: 40.254 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Tot Ion:149 Resp: 1362960
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.5 11.3

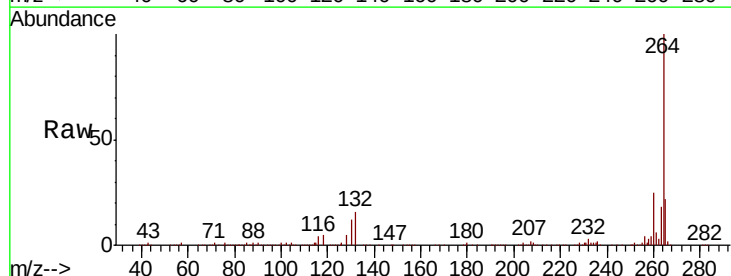


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

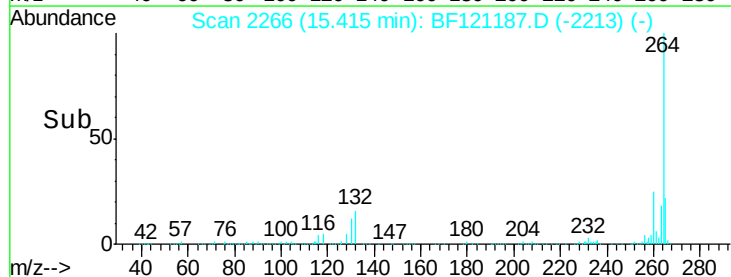
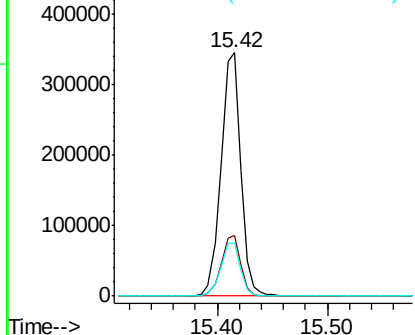


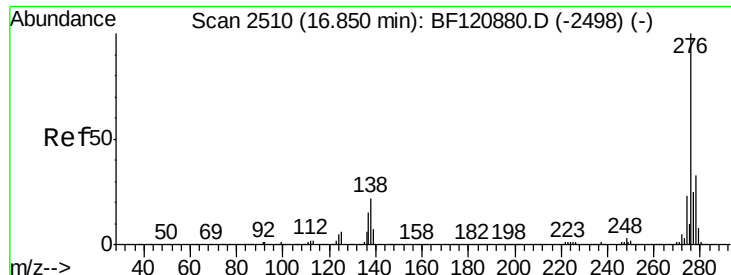
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:264 Resp: 431519
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 21.7 17.8 26.8



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

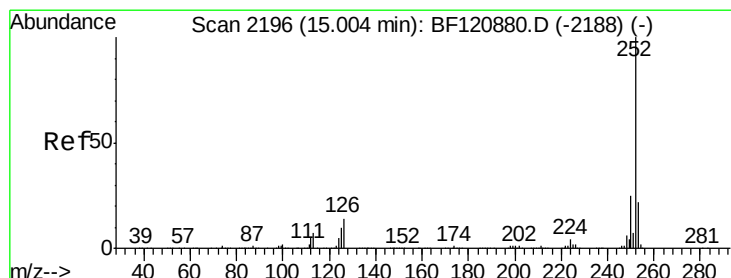
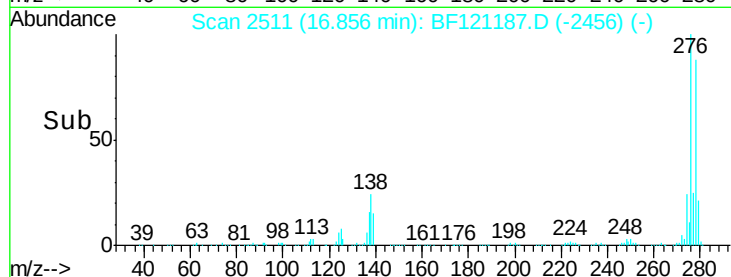
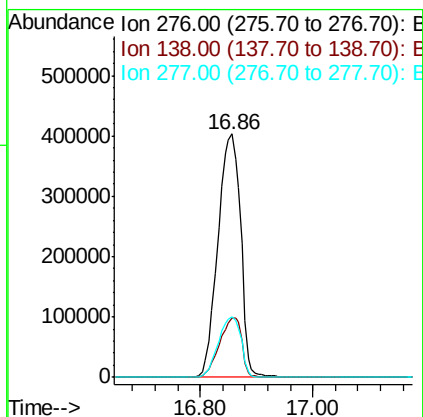
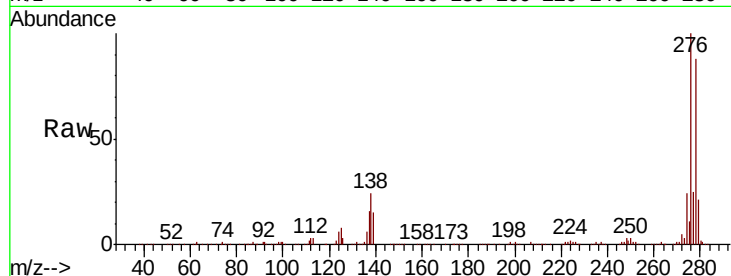




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.639 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

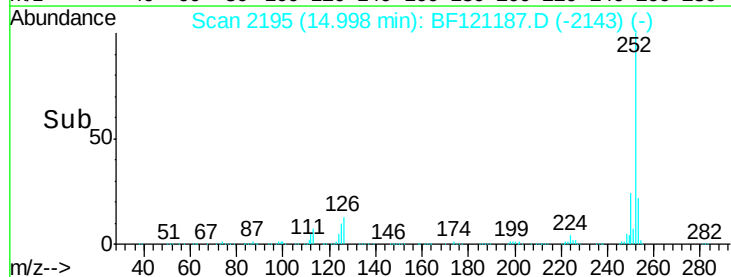
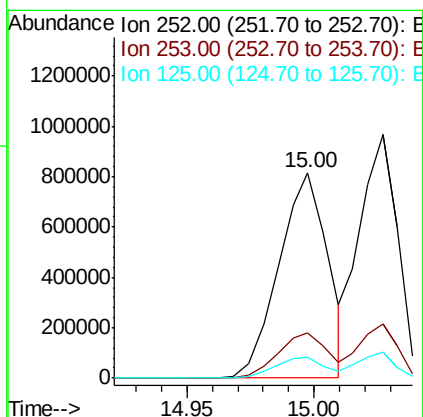
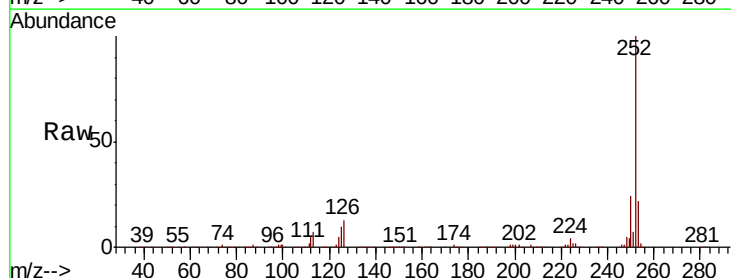
Instrument :
 BNA_F
 ClientSampleId :
 PB130722BS

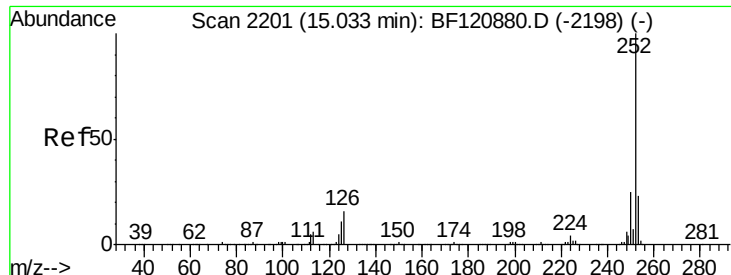
Tot Ion:276 Resp: 1129568
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 41.949 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121187.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:252 Resp: 1094197
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.9 26.9
 125 10.1 8.1 12.1

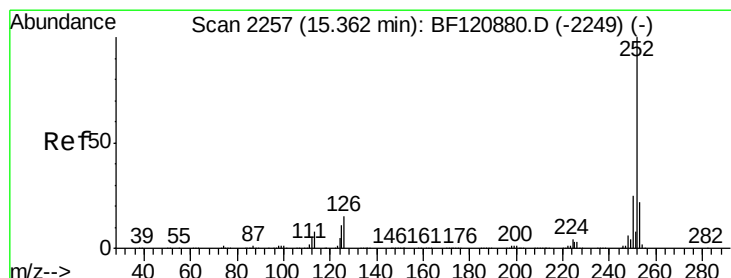
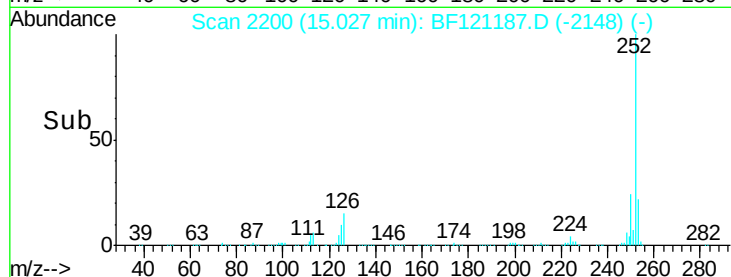
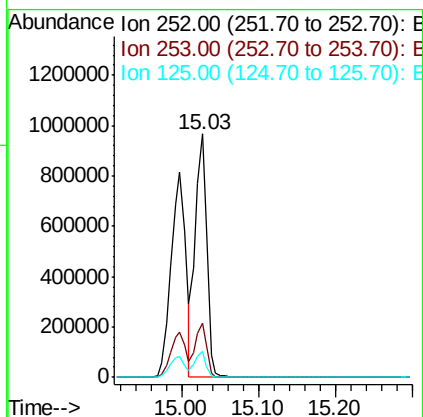
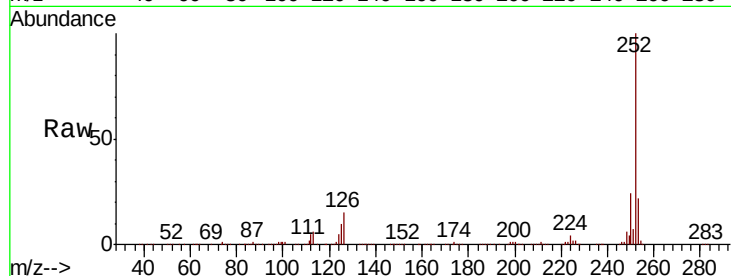




#89
Benzo(k)fluoranthene
Concen: 43.199 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

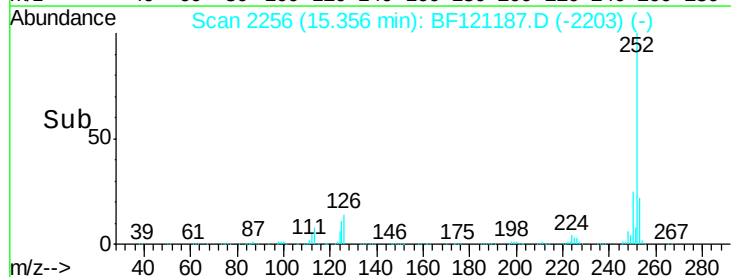
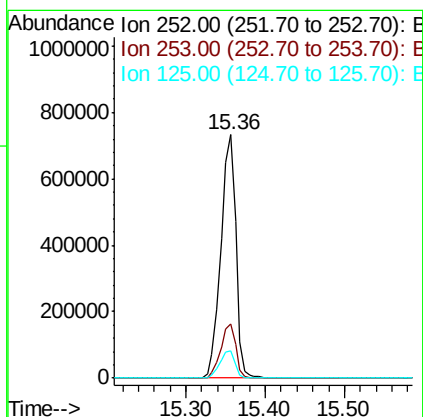
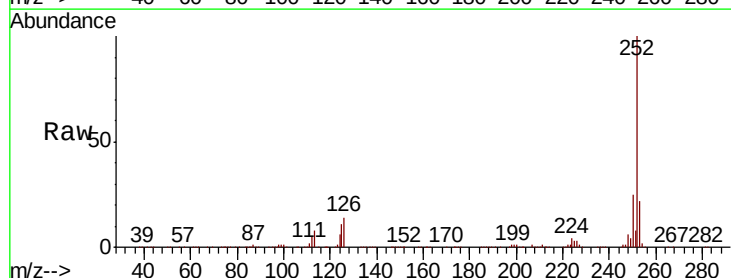
Instrument :
BNA_F
ClientSampleId :
PB130722BS

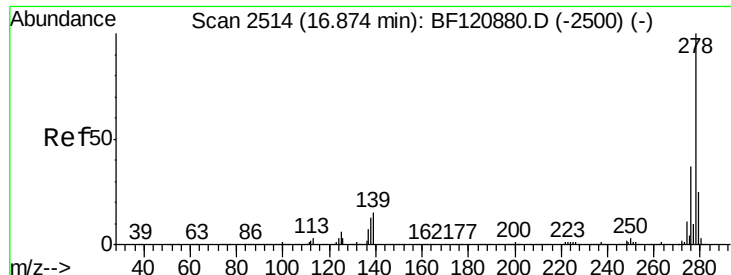
Tot Ion:252 Resp: 1027626
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 40.533 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121187.D
Acq: 5 Aug 2020 11:26

Tgt Ion:252 Resp: 964602
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 38.125 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.02 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

Instrument :

BNA_F

ClientSampleId :

PB130722BS

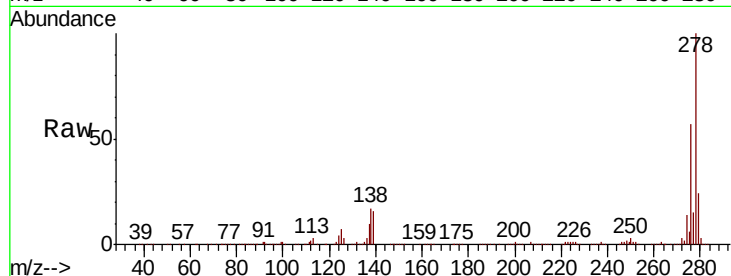
Tot Ion:278 Resp: 934612

Ion Ratio Lower Upper

278 100

139 16.1 12.6 18.8

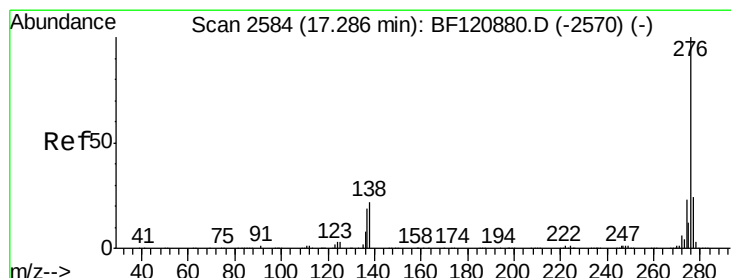
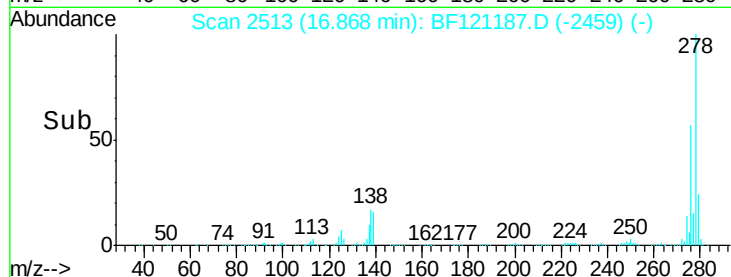
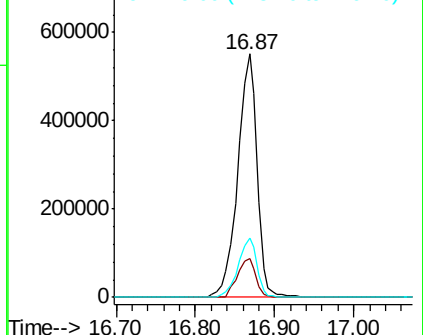
279 24.2 19.5 29.3



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: 38.727 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF121187.D

Acq: 5 Aug 2020 11:26

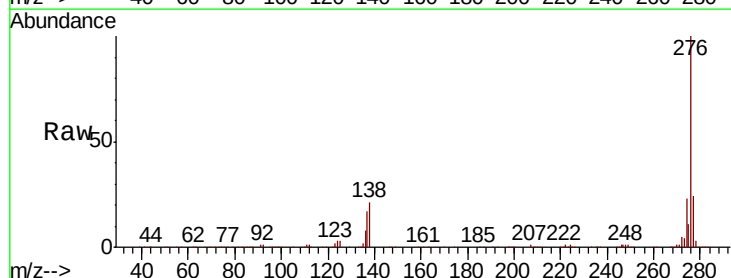
Tgt Ion:276 Resp: 936064

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 20.6 17.2 25.8



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

