

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121239.D
 Acq On : 11 Aug 2020 14:39
 Operator : JU/CG
 Sample : PB130878BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Quant Time: Aug 11 15:27:54 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	153395	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	580151	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	295492	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	556019	20.00	ng	0.00
76) Chrysene-d12	13.97	240	400514	20.00	ng	0.00
86) Perylene-d12	15.42	264	386407	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	872229	93.22	ng	0.00
7) Phenol-d6	6.44	99	1049819	86.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	711174	70.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	310788	96.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1281259	64.74	ng	0.00
79) Terphenyl-d14	12.91	244	1264076	68.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	136701	31.744	ng	97
3) Pyridine	3.32	79	334981	29.241	ng	100
4) n-Nitrosodimethylamine	3.26	42	172685	35.252	ng	98
6) Aniline	6.46	93	449051	28.461	ng	# 68
8) 2-Chlorophenol	6.59	128	401089	38.910	ng	98
9) Benzaldehyde	6.35	77	246551	42.922	ng	99
10) Phenol	6.45	94	460446	34.631	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	374727	36.775	ng	99
12) 1,3-Dichlorobenzene	6.73	146	406874	36.401	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409558	36.849	ng	98
14) 1,2-Dichlorobenzene	6.96	146	394854	37.552	ng	100
15) Benzyl Alcohol	6.95	79	312805	36.595	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	523336	35.632	ng	95
17) 2-Methylphenol	7.06	107	317152	34.713	ng	98
18) Hexachloroethane	7.30	117	152234	37.843	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	243896	35.486	ng	99
20) 3+4-Methylphenols	7.22	107	370806	31.905	ng	# 83
22) Acetophenone	7.20	105	502632	38.604	ng	95
24) Nitrobenzene	7.38	77	396714	36.711	ng	98
25) Isophorone	7.62	82	722308	36.097	ng	98
26) 2-Nitrophenol	7.70	139	212985	41.499	ng	99
27) 2,4-Dimethylphenol	7.74	122	342254	41.073	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	469460	38.434	ng	100
29) 2,4-Dichlorophenol	7.94	162	329702	38.721	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	352620	37.326	ng	100
31) Naphthalene	8.10	128	1092700	36.718	ng	99
32) Benzoic acid	7.88	122	159960	25.572	ng	100
33) 4-Chloroaniline	8.15	127	313545	23.619	ng	98
34) Hexachlorobutadiene	8.22	225	205706	36.937	ng	99
35) Caprolactam	8.54	113	101191	37.058	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	336296	38.509	ng	99
37) 2-Methylnaphthalene	8.79	142	742778	38.441	ng	100
38) 1-Methylnaphthalene	8.89	142	696923	38.082	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	346767	40.278	ng	100

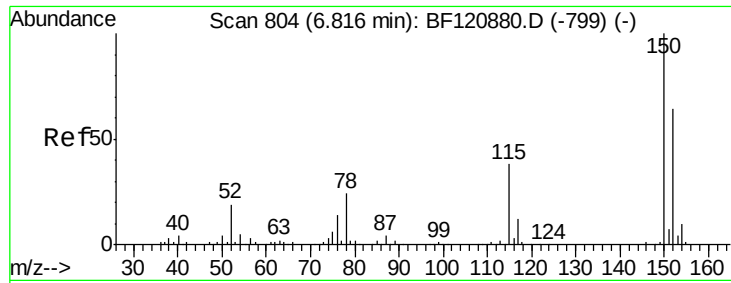
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121239.D
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 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	315655	66.339	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	228406	37.680	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	242042	35.201	nq	98
46) 1,1'-Biphenyl	9.26	154	902412	40.036	nq	99
47) 2-Chloronaphthalene	9.28	162	689976	37.545	nq	98
48) 2-Nitroaniline	9.39	65	212699	38.299	nq	94
49) Acenaphthylene	9.70	152	1085242	38.013	nq	100
50) Dimethylphthalate	9.56	163	812559	38.116	nq	99
51) 2,6-Dinitrotoluene	9.63	165	179933	39.287	nq	92
52) Acenaphthene	9.87	154	632012	34.820	nq	100
53) 3-Nitroaniline	9.80	138	132442	23.057	nq	98
54) 2,4-Dinitrophenol	9.91	184	156764	61.219	nq	93
55) Dibenzofuran	10.05	168	939507	35.794	nq	98
56) 4-Nitrophenol	9.97	139	233990	53.626	nq	100
57) 2,4-Dinitrotoluene	10.03	165	227472	37.821	nq	# 89
58) Fluorene	10.39	166	723603	36.963	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	207834	39.699	nq	99
60) Diethylphthalate	10.26	149	799261	37.067	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	363360	34.800	nq	98
62) 4-Nitroaniline	10.42	138	197845	35.359	nq	100
63) Azobenzene	10.54	77	759163	36.982	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	117577	37.455	nq	98
66) n-Nitrosodiphenylamine	10.50	169	676613	38.683	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	235806	38.038	nq	93
68) Hexachlorobenzene	10.93	284	265700	39.622	nq	# 92
69) Atrazine	11.03	200	193938	44.770	nq	99
70) Pentachlorophenol	11.14	266	257396	67.001	nq	98
71) Phenanthrene	11.35	178	1053220	36.831	nq	99
72) Anthracene	11.40	178	1116968	38.899	nq	99
73) Carbazole	11.56	167	1027956	36.073	nq	100
74) Di-n-butylphthalate	11.89	149	1246703	37.911	nq	99
75) Fluoranthene	12.54	202	1150635	36.301	nq	99
77) Benzdine	12.66	184	567035	53.848	nq	99
78) Pyrene	12.77	202	1165451	41.158	nq	100
80) Butylbenzylphthalate	13.38	149	522025	41.355	nq	93
81) Benzo(a)anthracene	13.96	228	993550	40.966	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	315121	34.439	nq	98
83) Chrysene	13.99	228	976291	38.305	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	721385	46.344	nq	99
85) Di-n-octyl phthalate	14.55	149	1216329	39.277	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	986246	36.700	nq	100
88) Benzo(b)fluoranthene	15.00	252	906259	38.800	nq	99
89) Benzo(k)fluoranthene	15.03	252	923520	43.355	nq	99
90) Benzo(a)pyrene	15.36	252	827784	38.845	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	826670	37.659	nq	99
92) Benzo(g,h,i)perylene	17.29	276	826104	38.168	nq	100

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

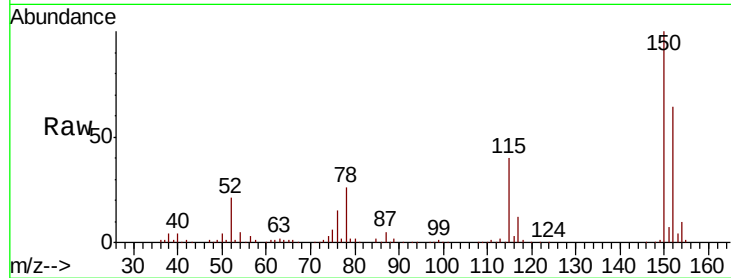


#1

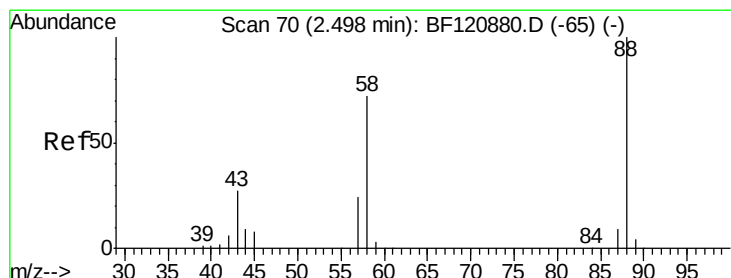
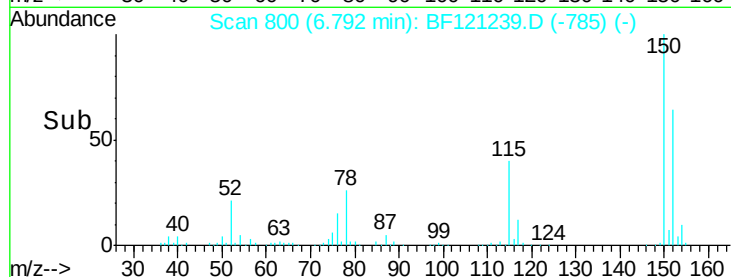
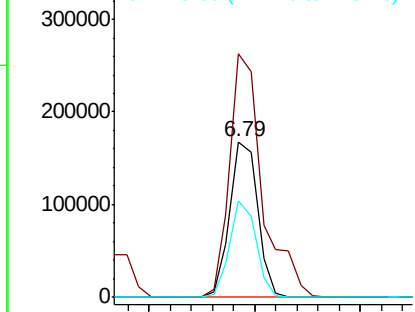
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.6	188.4
115	61.8	46.2	69.2



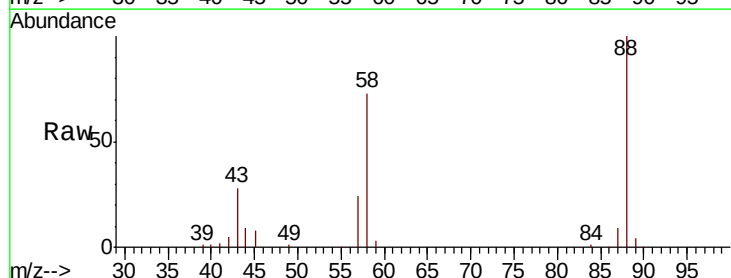
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



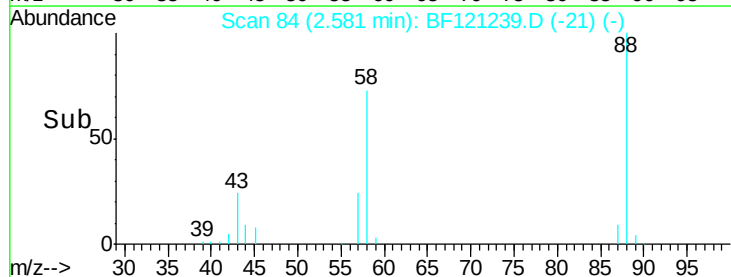
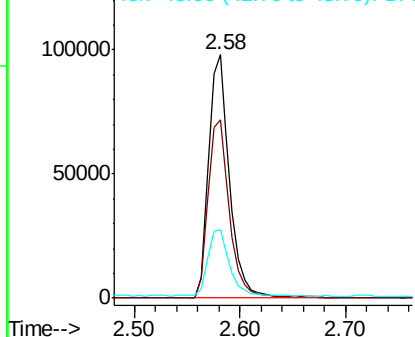
#2

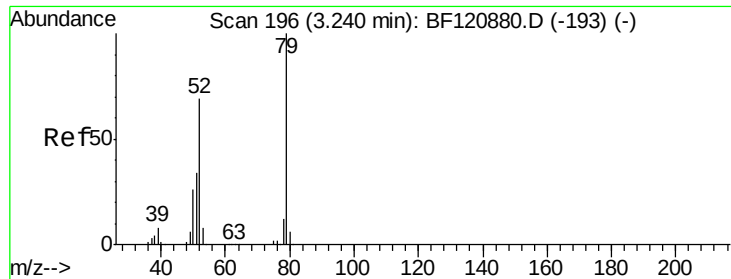
1,4-Dioxane
Concen: 31.744 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.07 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	58.2	87.4
43	28.4	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

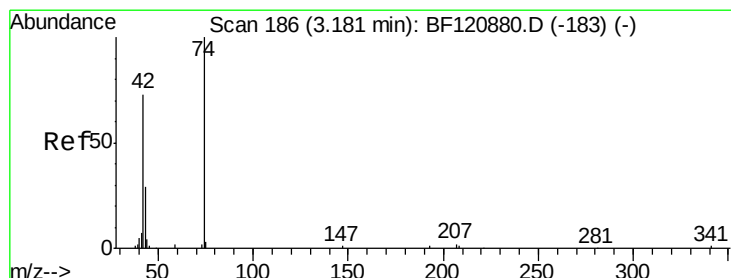
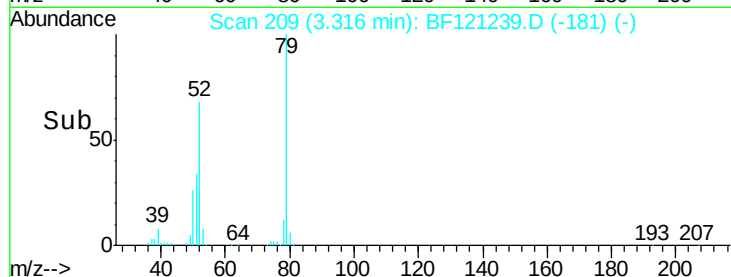
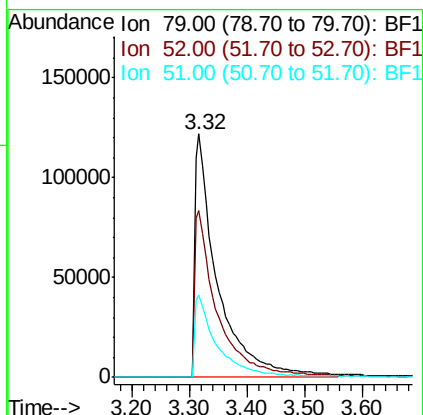
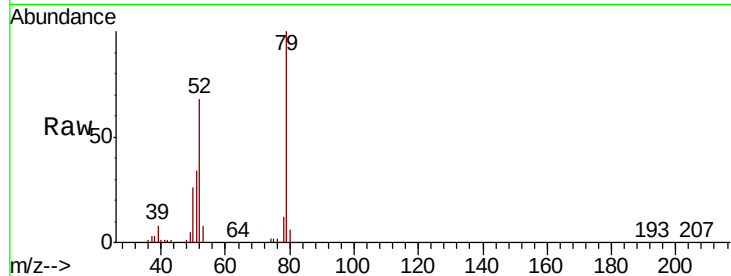




#3
 Pvridine
 Concen: 29.241 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

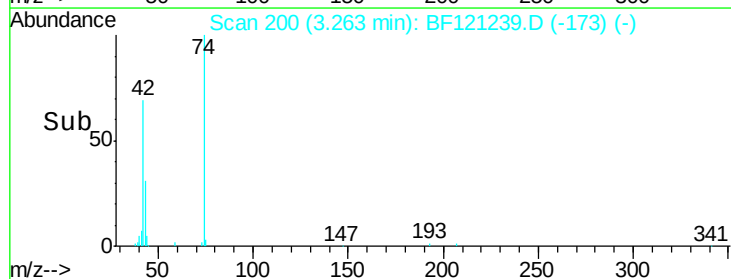
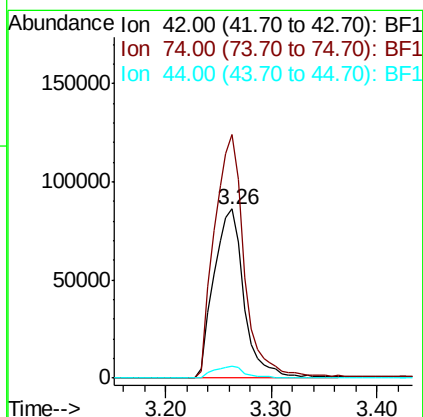
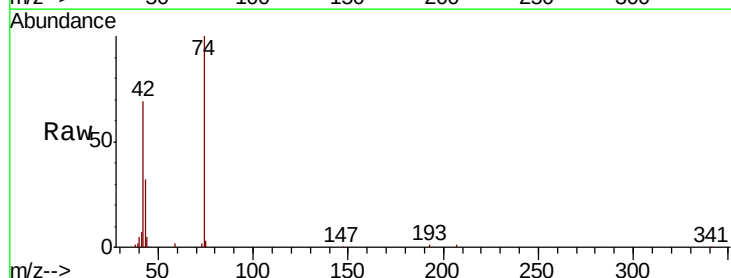
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

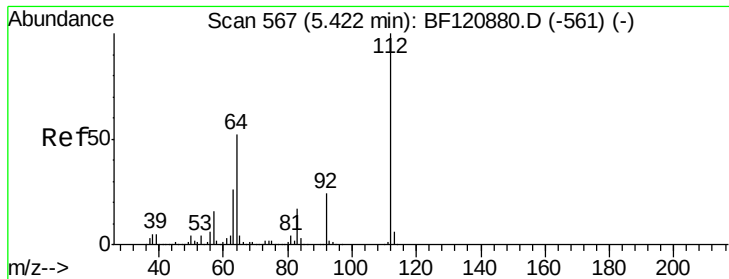
Tot Ion: 79 Resp: 334981
 Ion Ratio Lower Upper
 79 100
 52 68.5 54.9 82.3
 51 34.0 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 35.252 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.06 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion: 42 Resp: 172685
 Ion Ratio Lower Upper
 42 100
 74 144.0 117.3 175.9
 44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 93.216 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampled :

PB130878BS

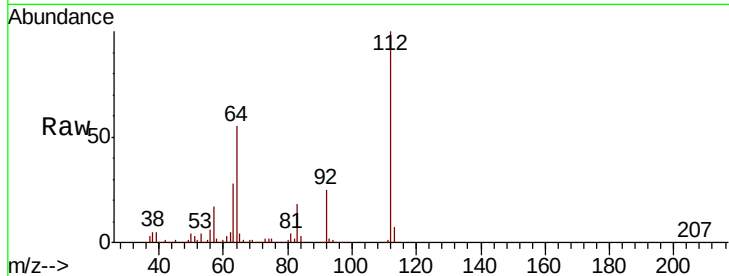
Tot Ion:112 Resp: 872229

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

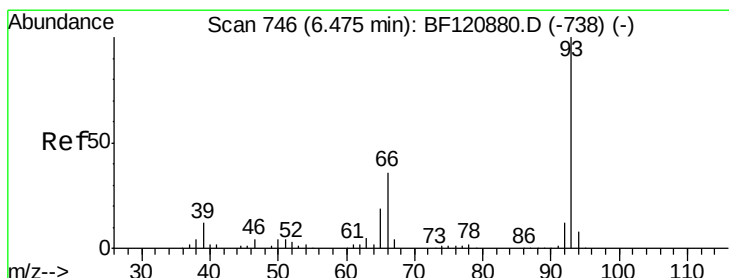
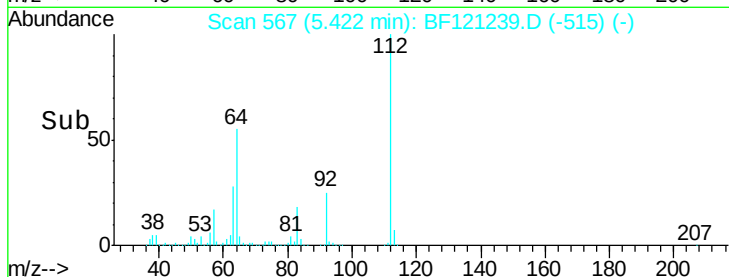
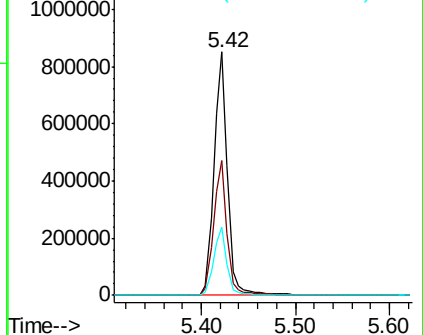
63 28.0 22.7 34.1



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: 28.461 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

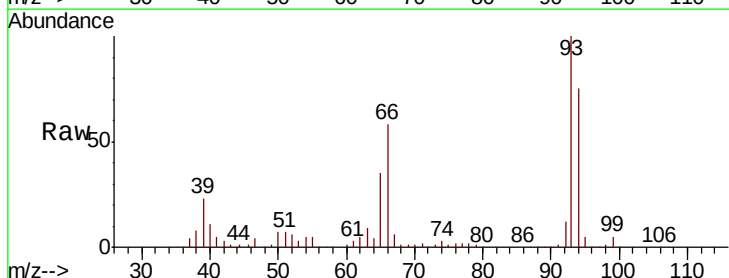
Tgt Ion: 93 Resp: 449051

Ion Ratio Lower Upper

93 100

66 57.7 31.0 46.4#

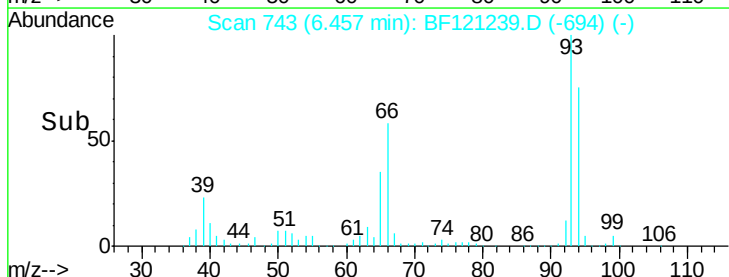
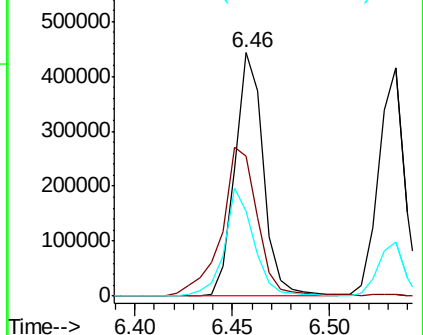
65 35.1 16.2 24.4#

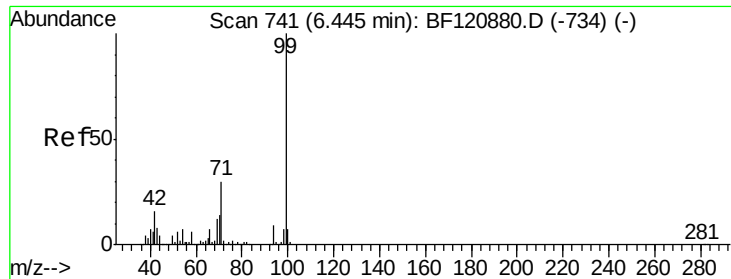


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.856 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

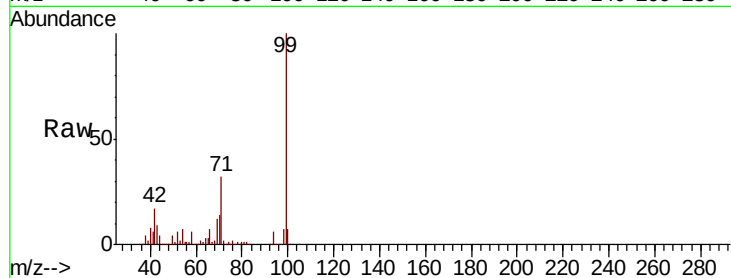
Tot Ion: 99 Resp: 1049819

Ion Ratio Lower Upper

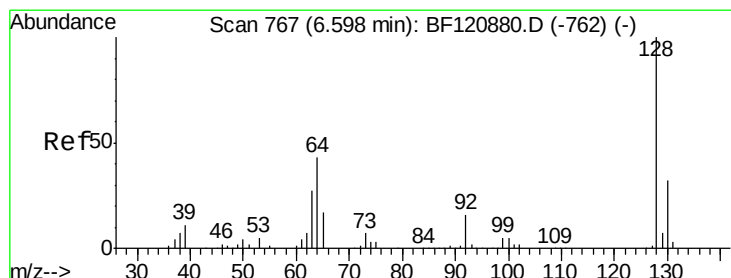
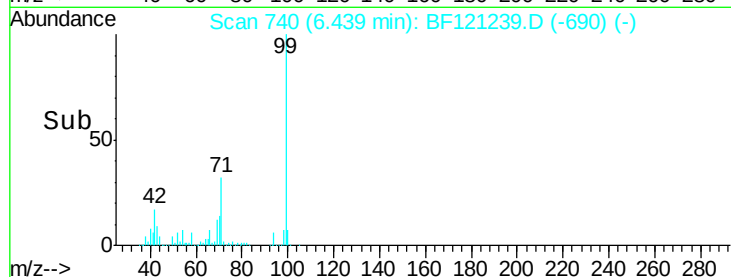
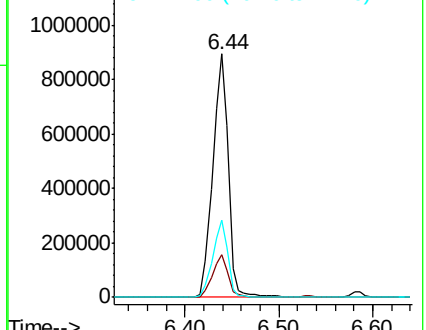
99 100

42 17.4 13.5 20.3

71 31.8 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: 38.910 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

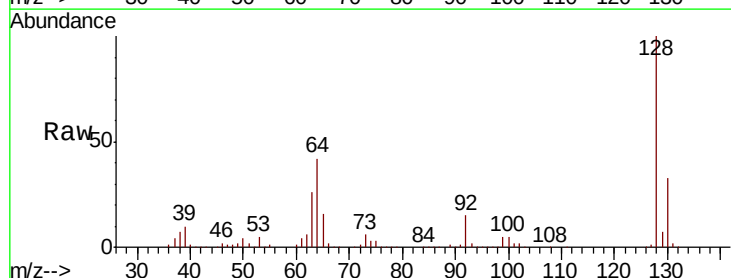
Tgt Ion: 128 Resp: 401089

Ion Ratio Lower Upper

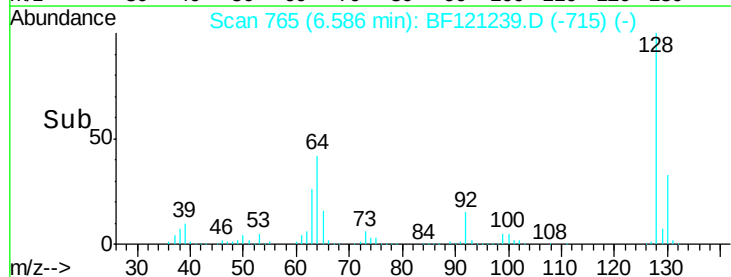
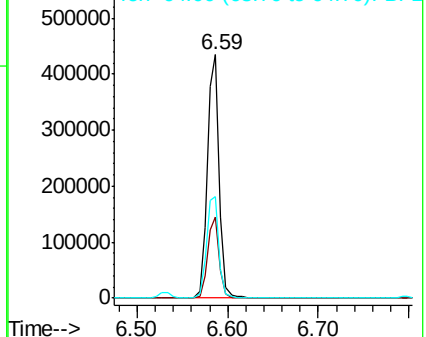
128 100

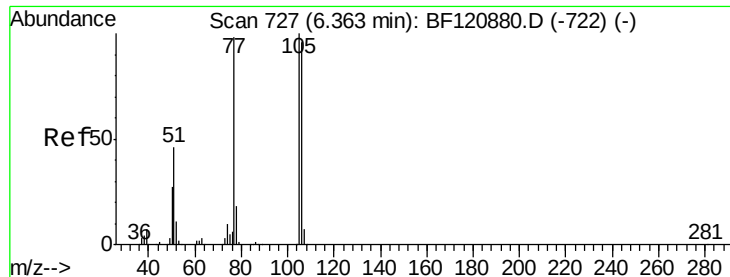
130 33.1 12.7 52.7

64 41.7 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: 42.922 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

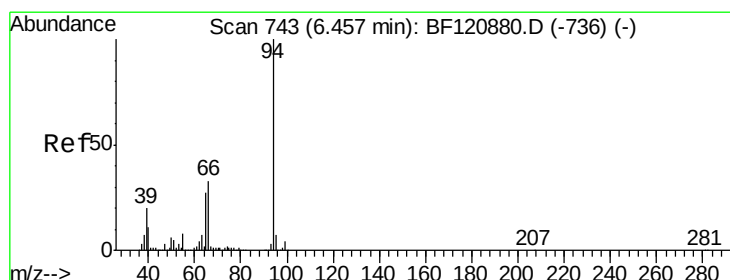
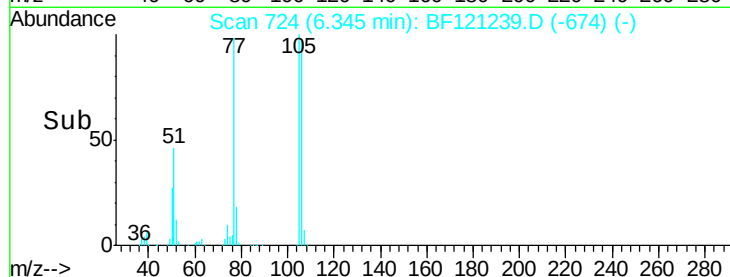
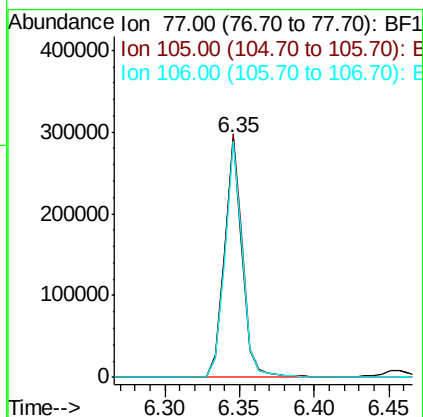
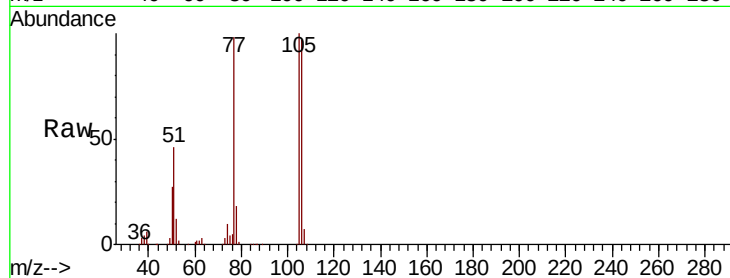
Tot Ion: 77 Resp: 246551

Ion Ratio Lower Upper

77 100

105 101.6 82.4 122.4

106 98.2 78.9 118.9



#10

Phenol

Concen: 34.631 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

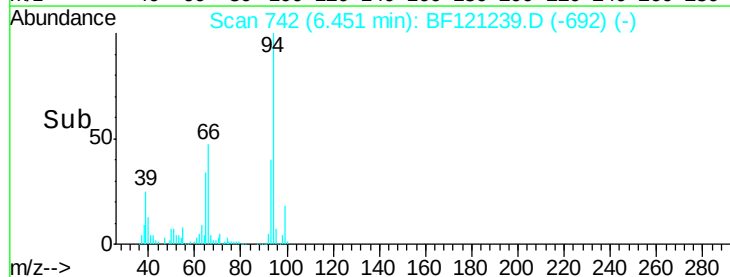
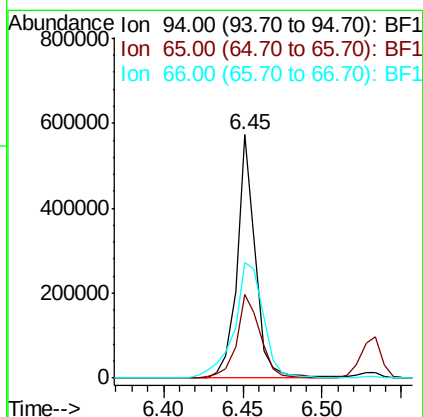
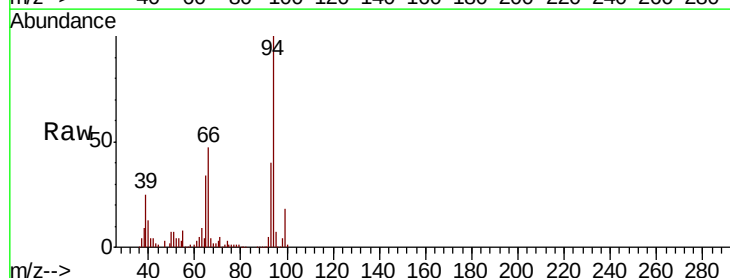
Tgt Ion: 94 Resp: 460446

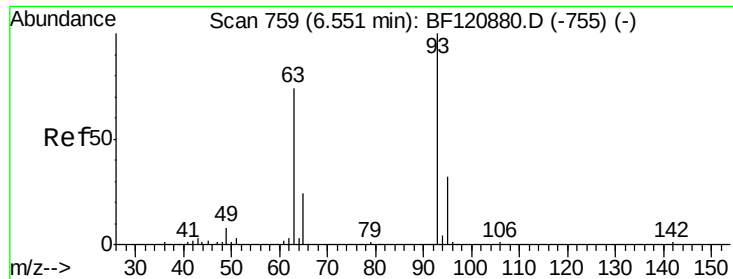
Ion Ratio Lower Upper

94 100

65 34.2 12.6 52.6

66 47.4 25.6 65.6

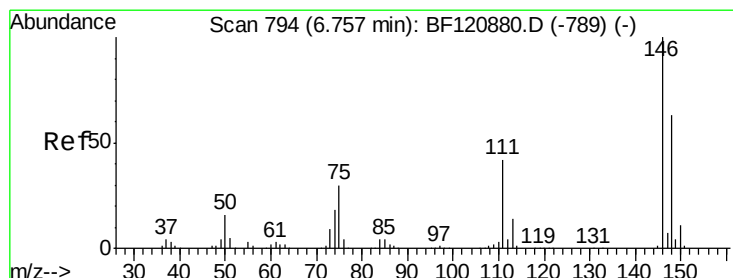
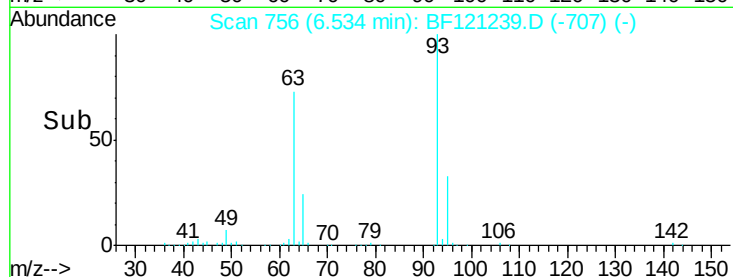
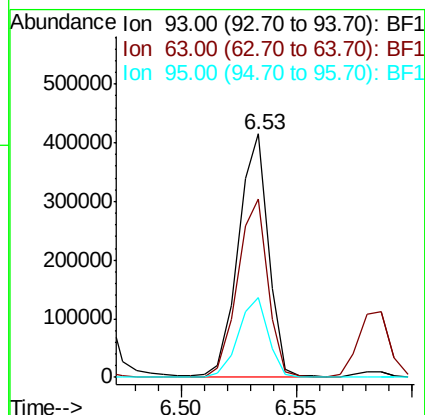
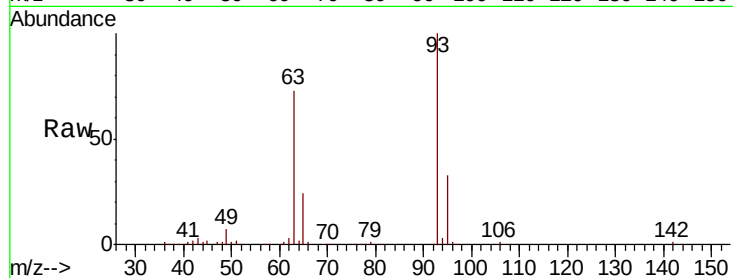




#11
bis(2-Chloroethyl)ether
Concen: 36.775 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

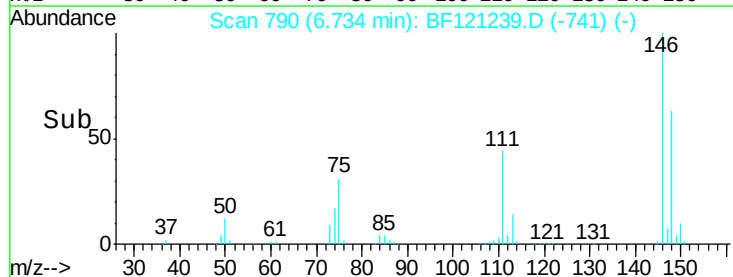
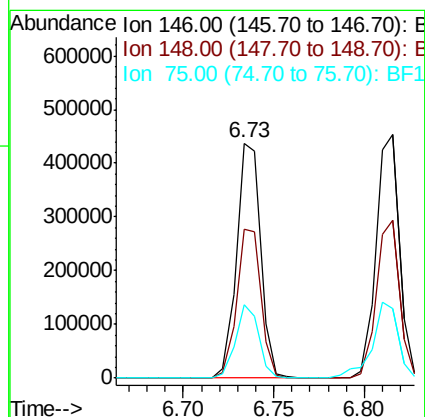
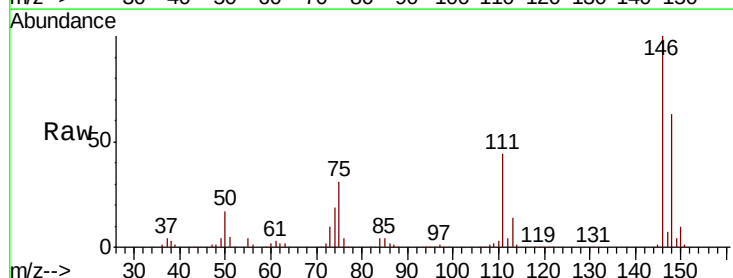
Instrument :
BNA_F
ClientSampled :
PB130878BS

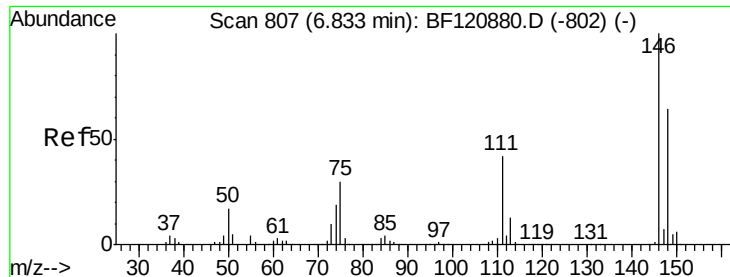
Tot Ion: 93 Resp: 374727
Ion Ratio Lower Upper
93 100
63 73.1 51.9 91.9
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 36.401 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion: 146 Resp: 406874
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
75 31.4 23.8 35.6

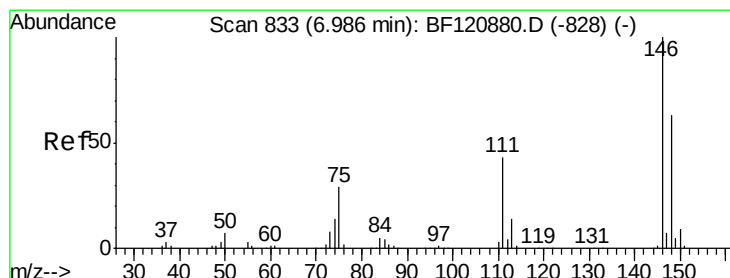
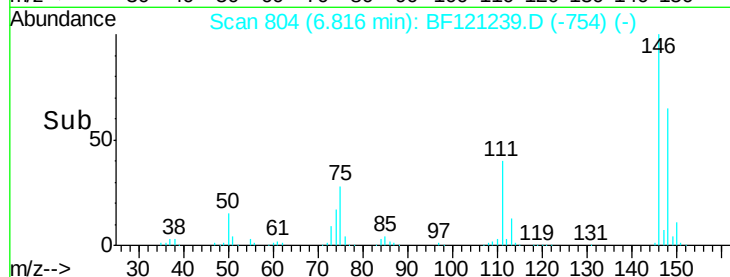
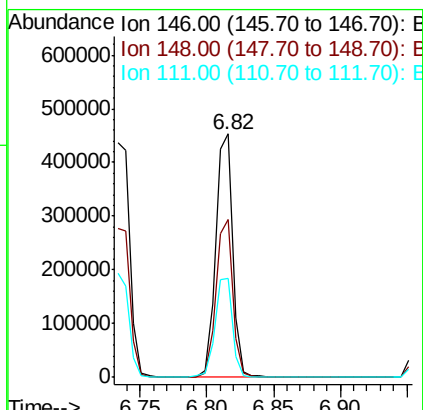
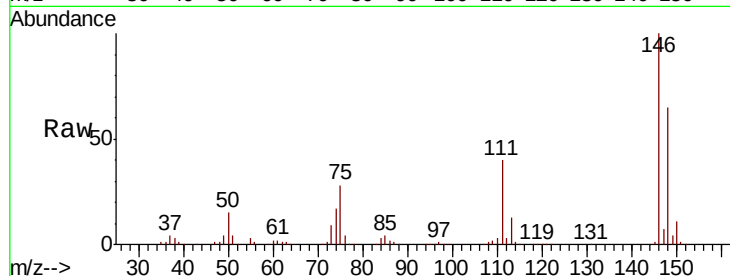




#13
 1,4-Dichlorobenzene
 Concen: 36.849 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

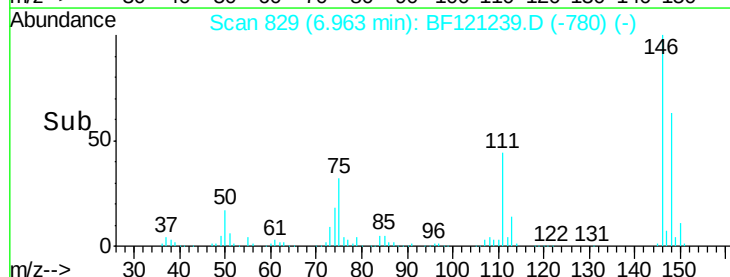
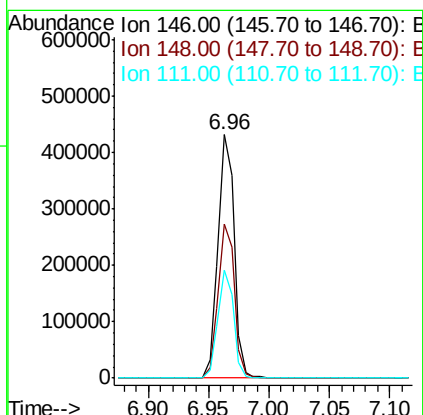
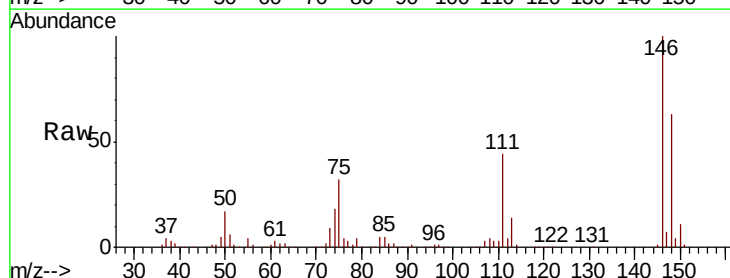
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

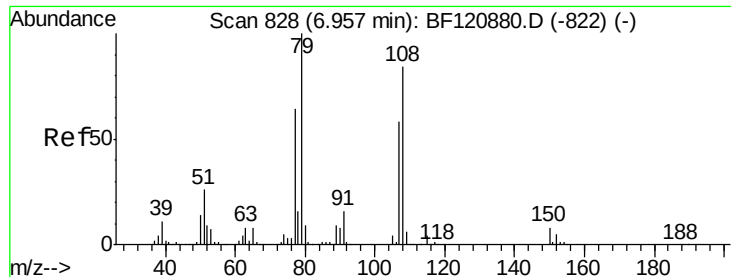
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
111	40.5	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.552 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	44.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 36.595 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

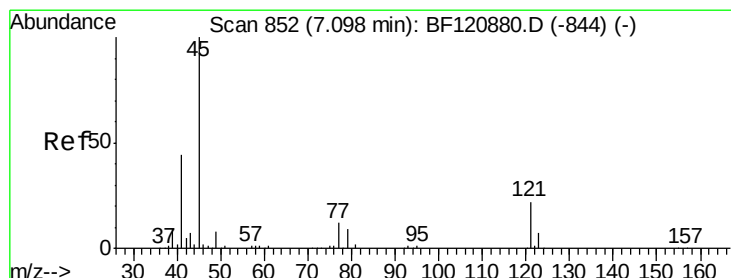
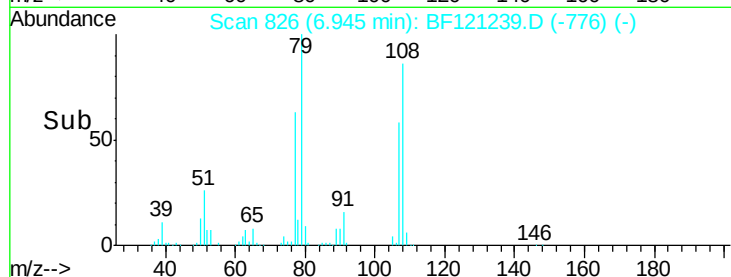
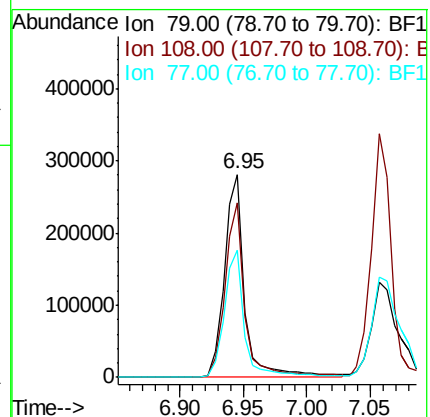
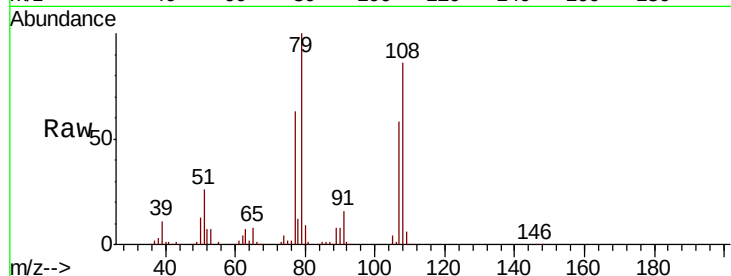
Tot Ion: 79 Resp: 312805

Ion Ratio Lower Upper

79 100

108 85.8 68.6 103.0

77 62.6 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.632 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

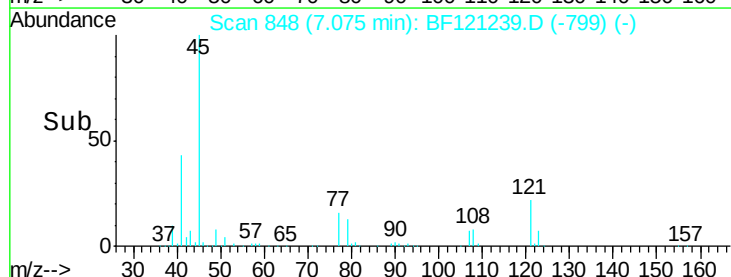
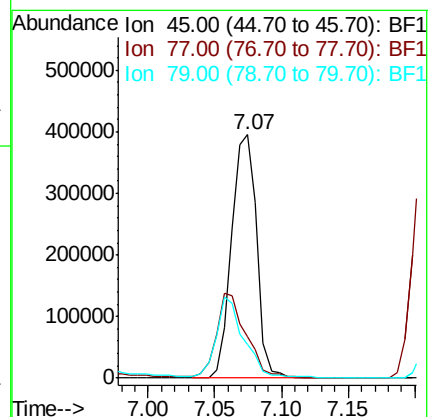
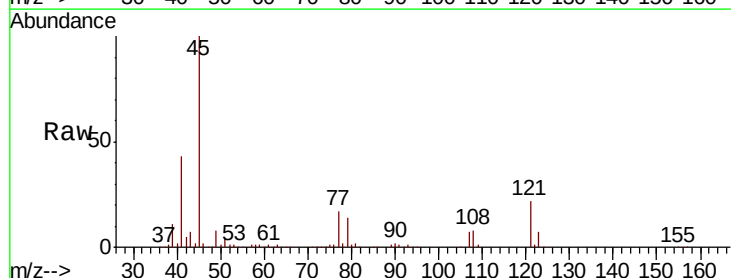
Tgt Ion: 45 Resp: 523336

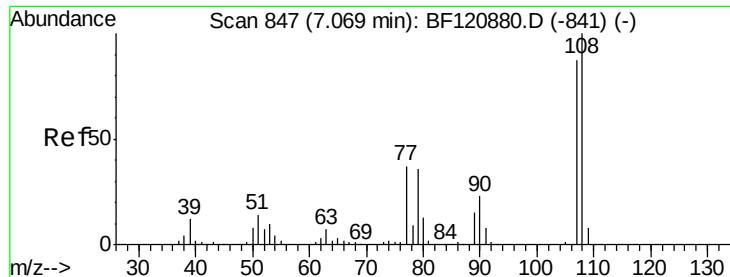
Ion Ratio Lower Upper

45 100

77 16.9 0.0 34.7

79 13.7 0.0 32.0





#17

2-Methylphenol

Concen: 34.713 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

Tot Ion:107 Resp: 317152

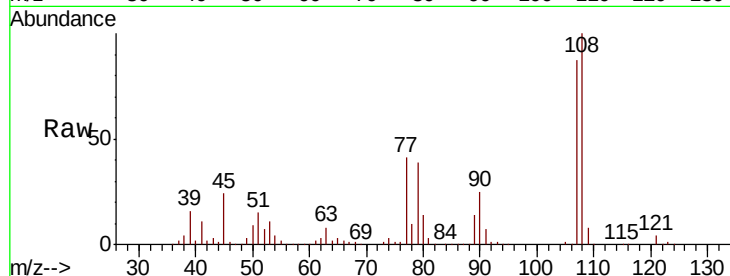
Ion Ratio Lower Upper

107 100

108 115.1 91.2 136.8

77 47.2 36.5 54.7

79 45.0 35.0 52.6

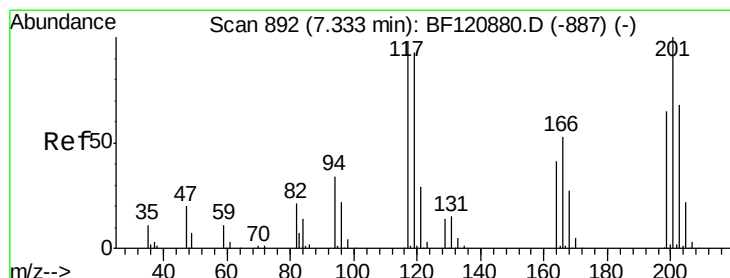
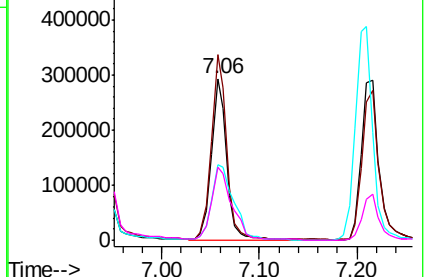
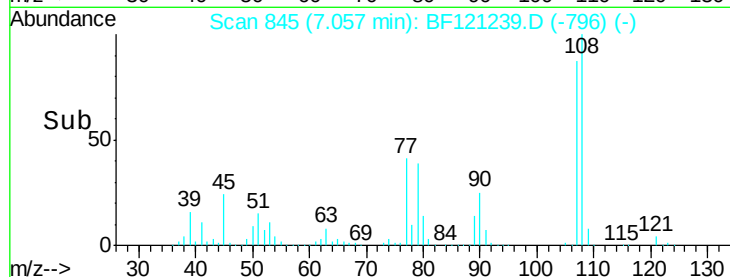


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.843 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

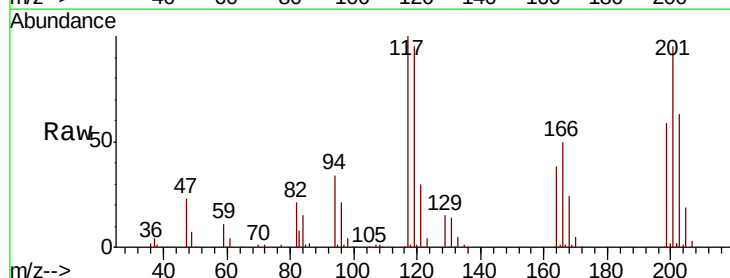
Tgt Ion:117 Resp: 152234

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

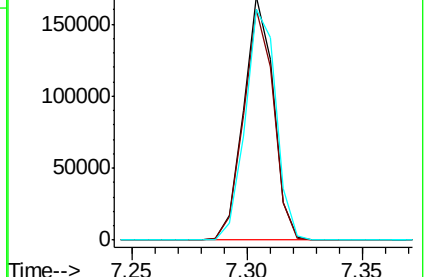
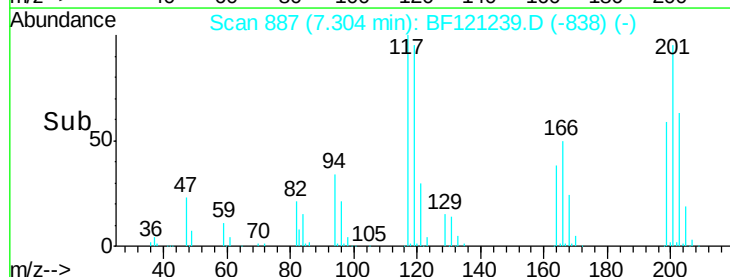
201 94.7 75.0 112.4

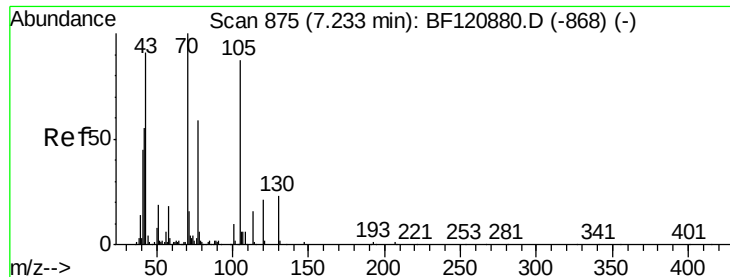


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

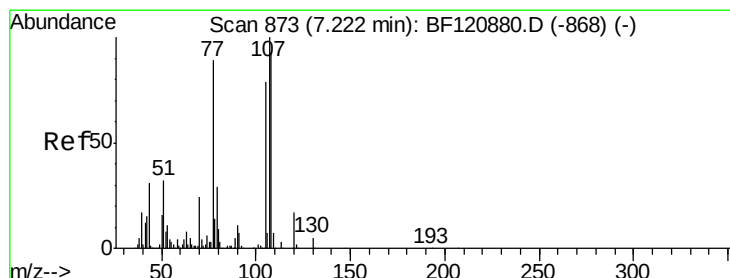
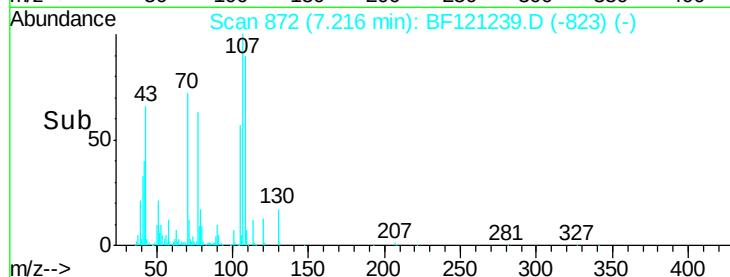
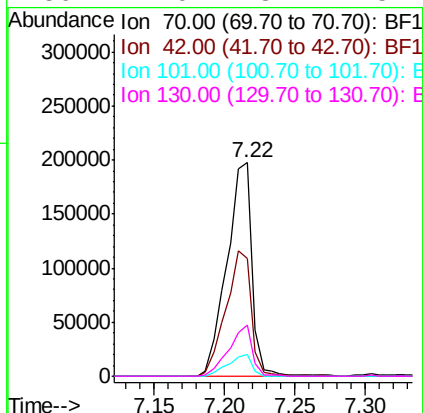
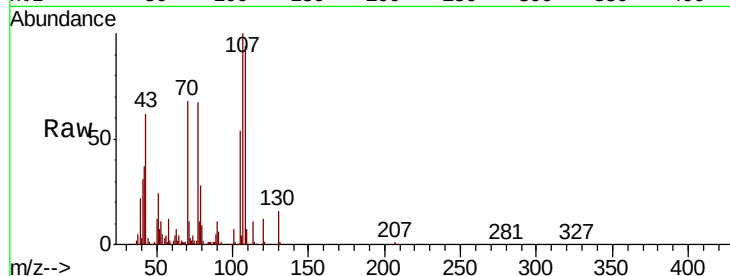




#19
n-Nitroso-di-n-propylamine
Concen: 35.486 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

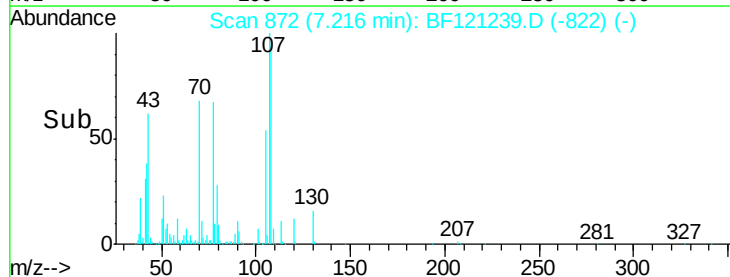
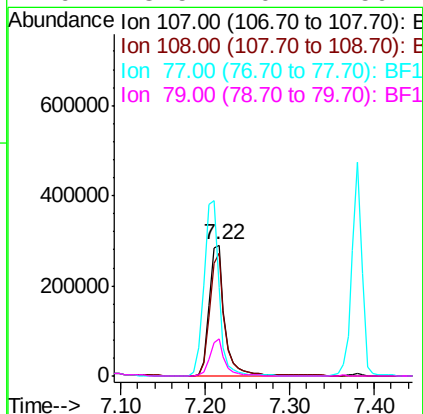
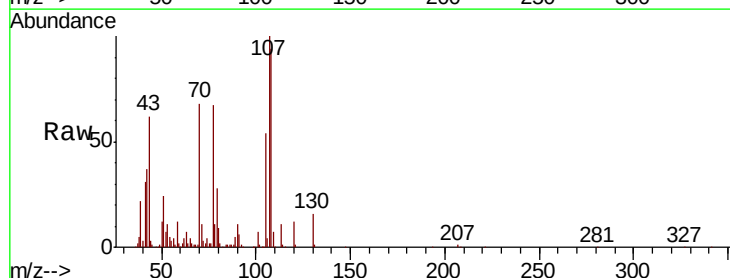
Instrument :
BNA_F
ClientSampleId :
PB130878BS

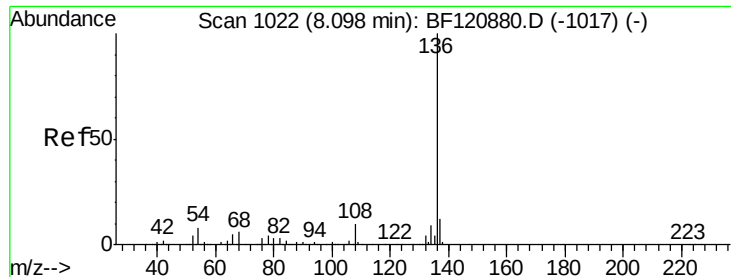
Tot Ion:	70	Resp:	243896
Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.3	64.9
101	10.0	8.4	12.6
130	24.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.905 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	107	Resp:	370806
Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.7	113.7
77	66.9	84.9	124.9#
79	28.5	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: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

Tot Ion:136 Resp: 580151

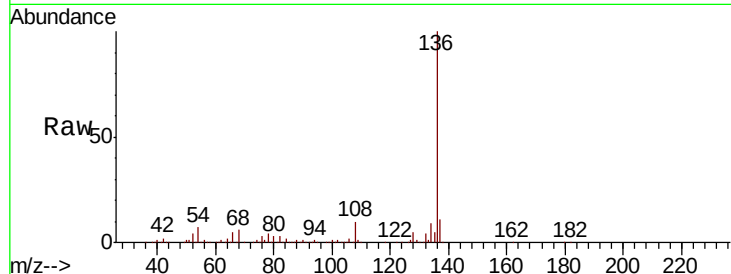
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.0 6.1 9.1

68 5.6 5.0 7.6

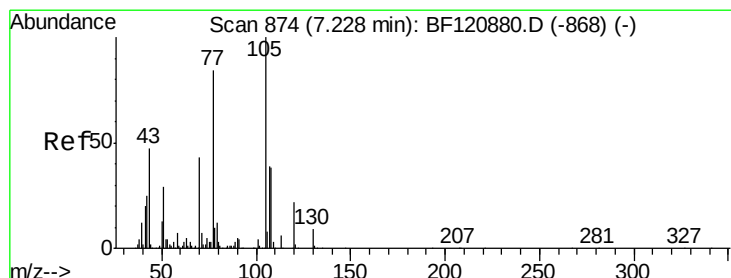
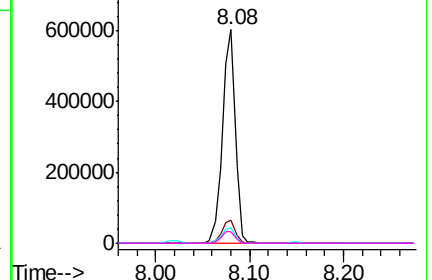
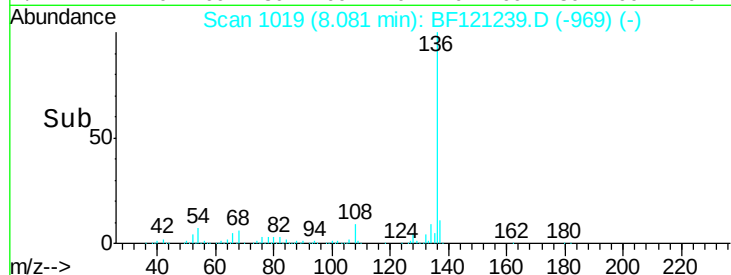


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.604 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Tgt Ion:105 Resp: 502632

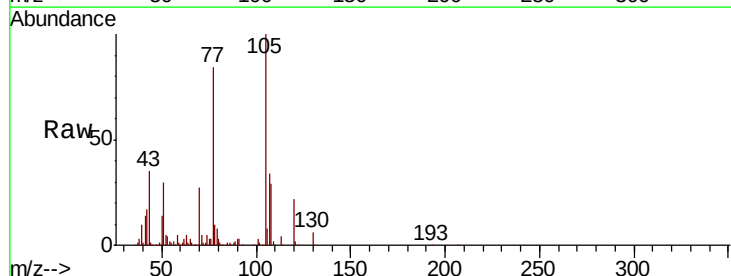
Ion Ratio Lower Upper

105 100

71 4.7 3.8 5.8

51 30.4 28.0 42.0

120 22.3 17.8 26.6

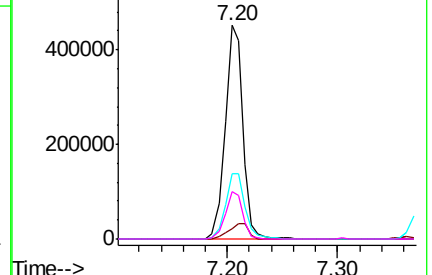
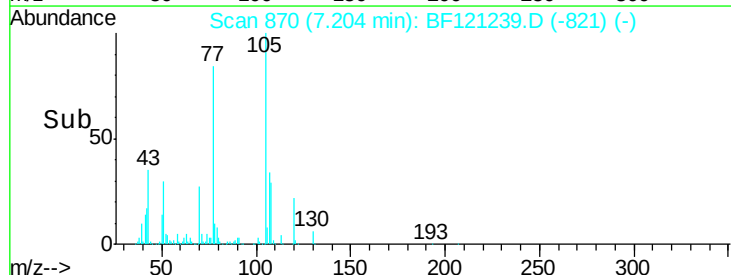


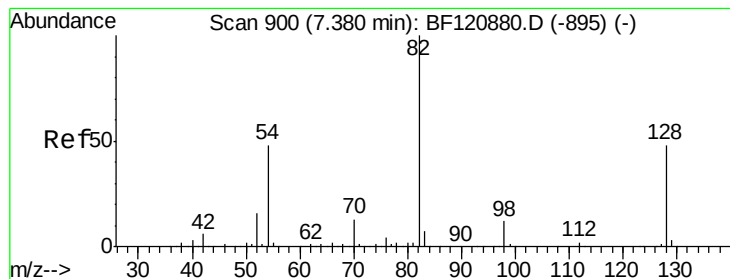
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 70.931 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

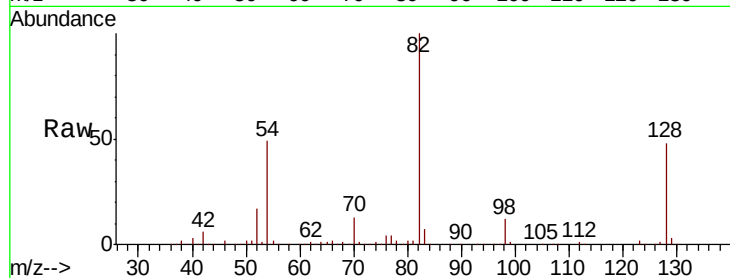
Tot Ion: 82 Resp: 711174

Ion Ratio Lower Upper

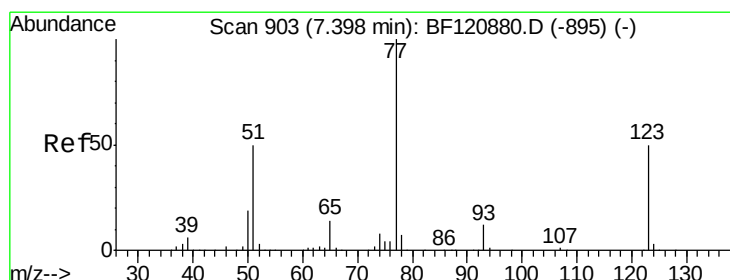
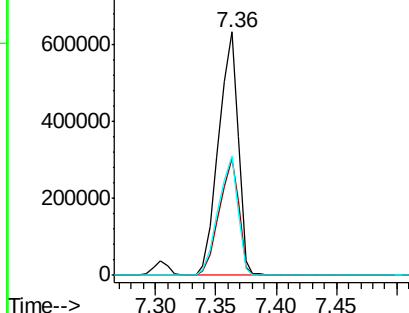
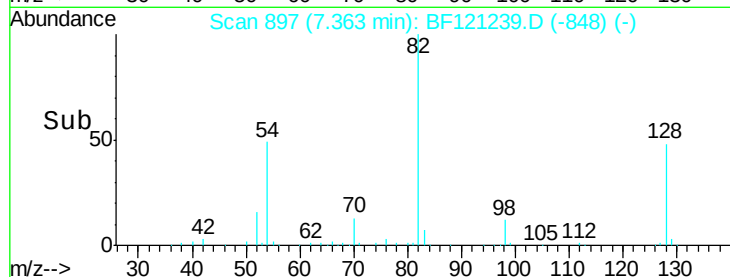
82 100

128 48.1 39.2 58.8

54 48.8 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: 36.711 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

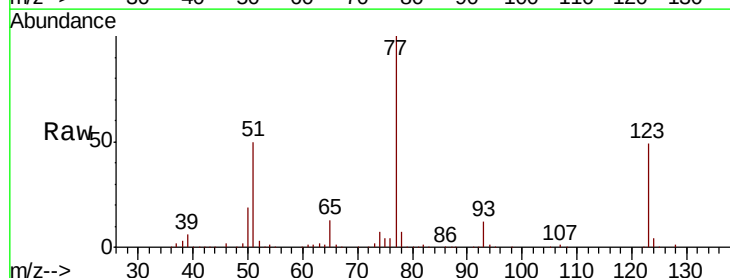
Tgt Ion: 77 Resp: 396714

Ion Ratio Lower Upper

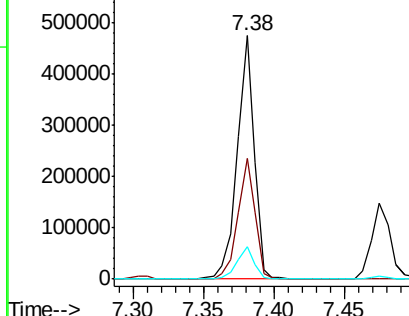
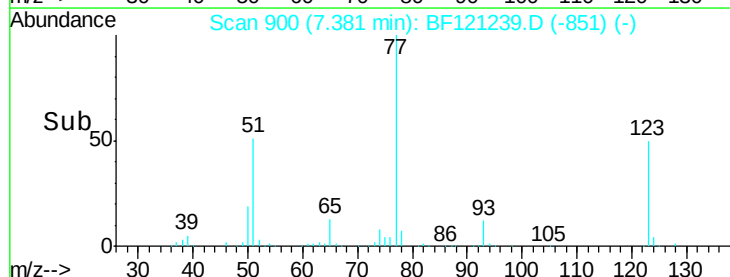
77 100

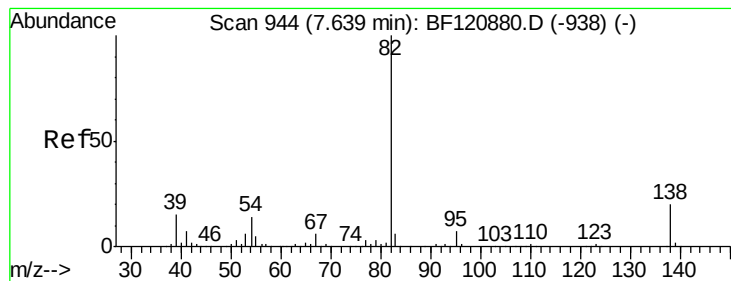
123 49.5 41.0 61.6

65 13.4 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: 36.097 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

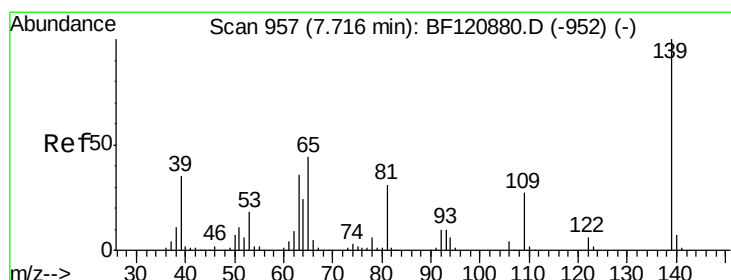
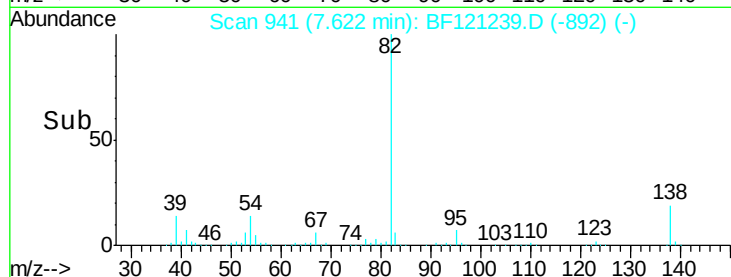
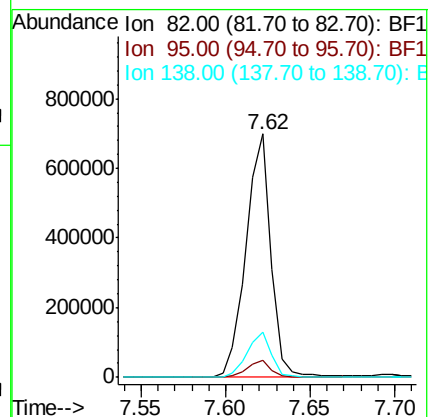
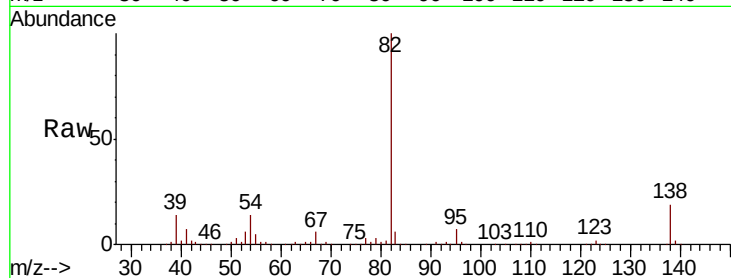
Tot Ion: 82 Resp: 722308

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.8 16.2 24.2



#26

2-Nitrophenol

Concen: 41.499 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

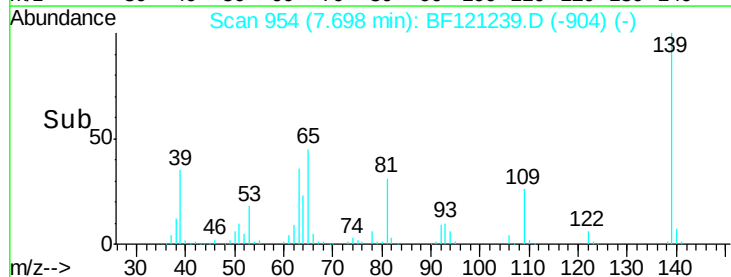
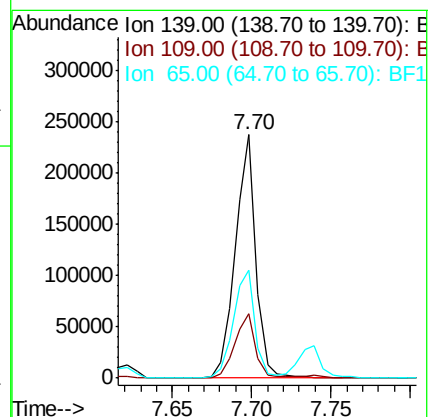
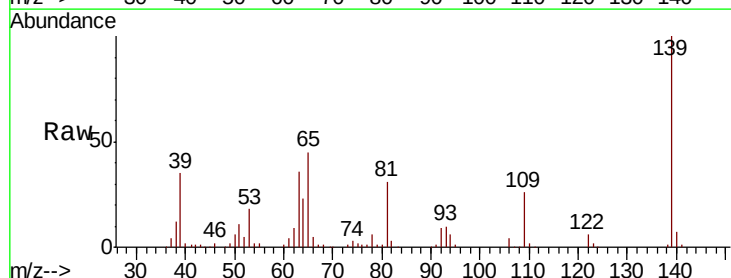
Tgt Ion: 139 Resp: 212985

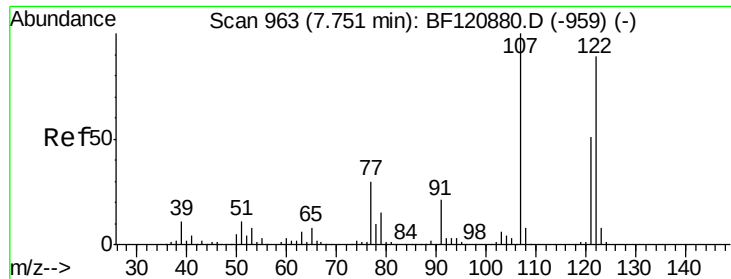
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 44.6 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 41.073 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

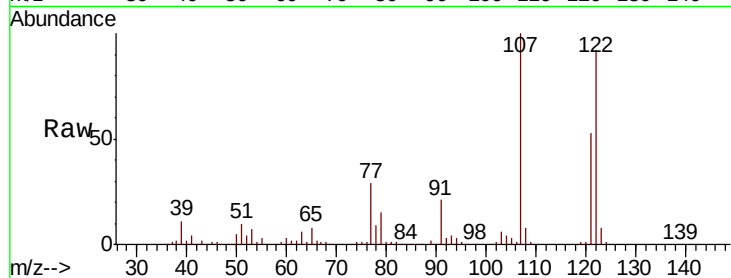
Tot Ion:122 Resp: 342254

Ion Ratio Lower Upper

122 100

107 108.5 87.1 130.7

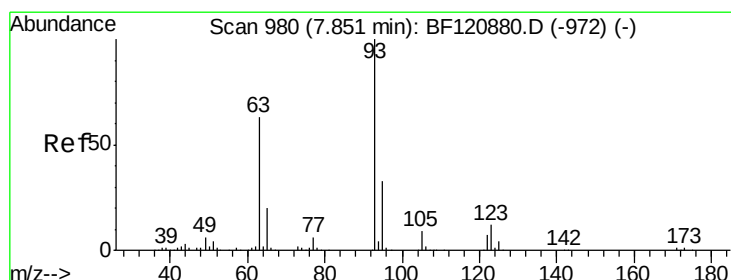
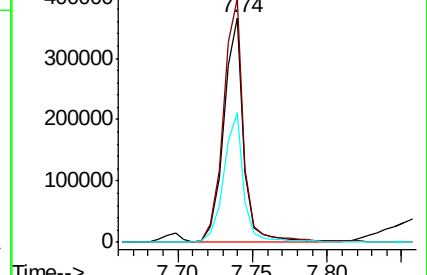
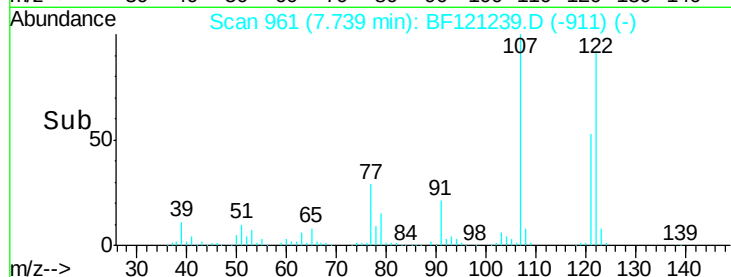
121 57.7 45.5 68.3



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: 38.434 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

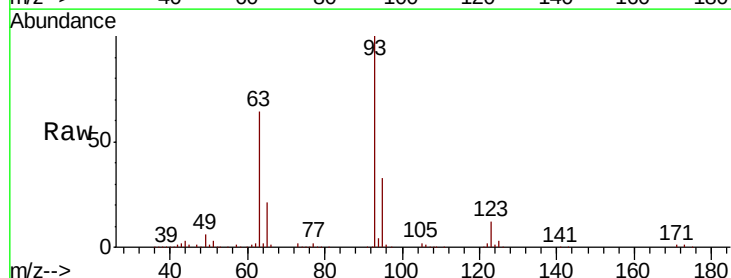
Tgt Ion: 93 Resp: 469460

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

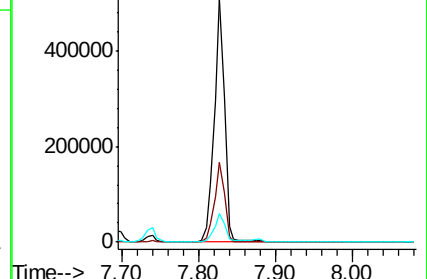
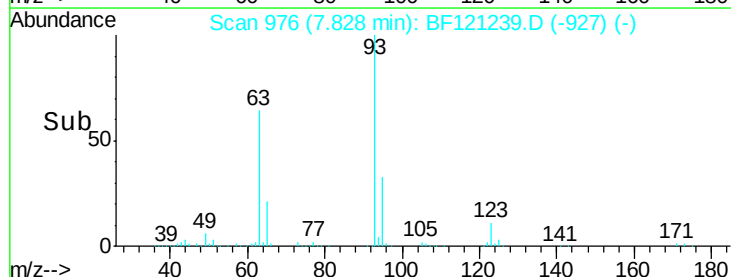
123 11.6 9.5 14.3

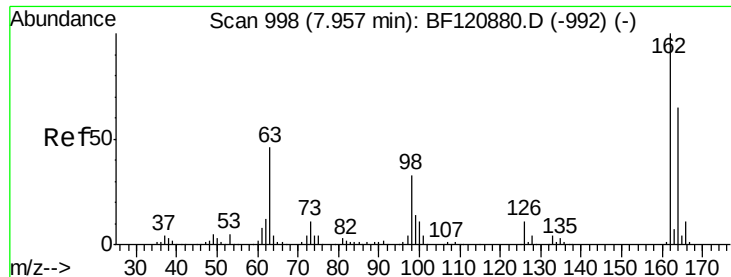


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

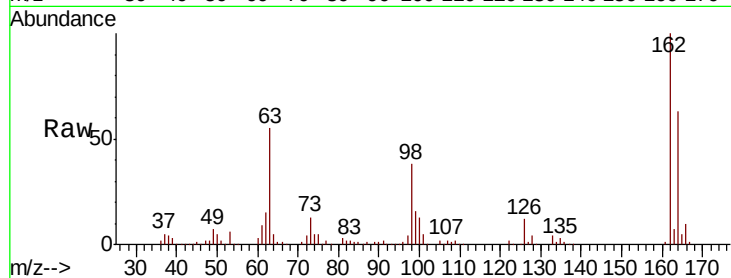




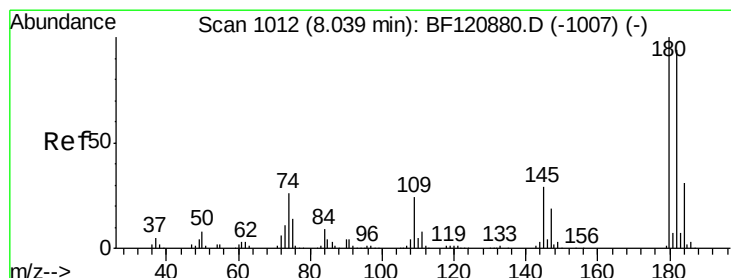
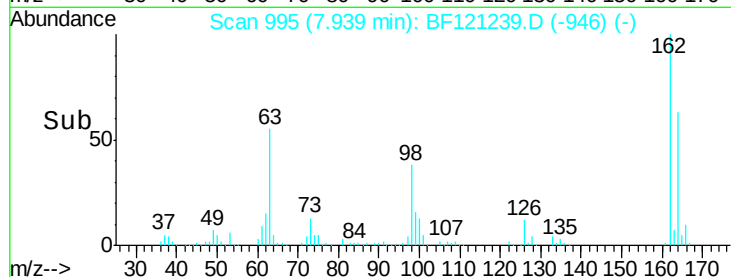
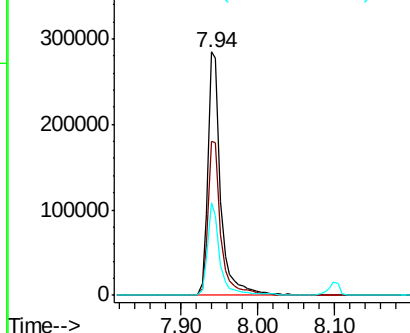
#29
 2,4-Dichlorophenol
 Concen: 38.721 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	37.9	14.2	54.2

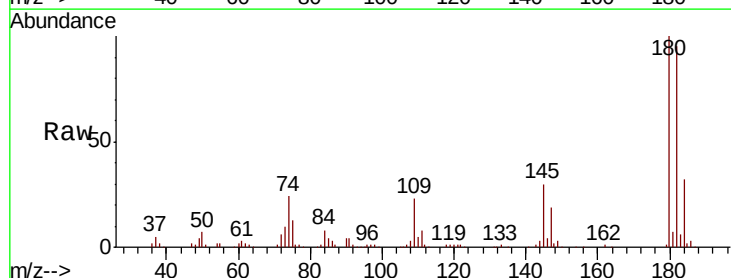


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

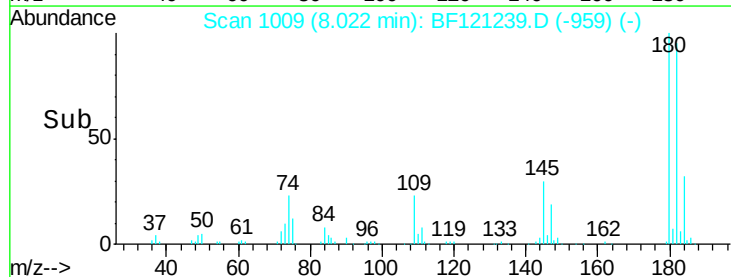
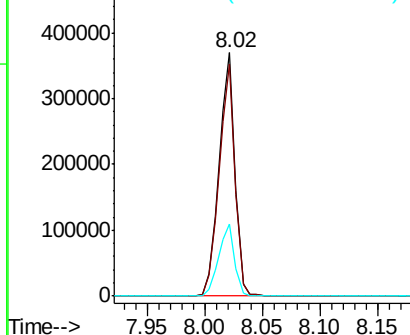


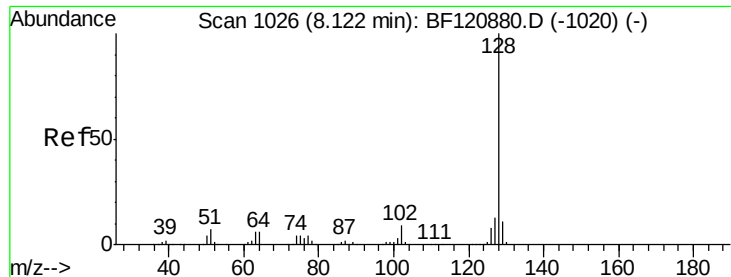
#30
 1,2,4-Trichlorobenzene
 Concen: 37.326 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	29.8	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

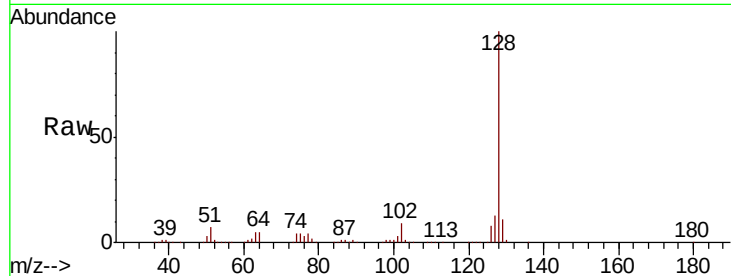




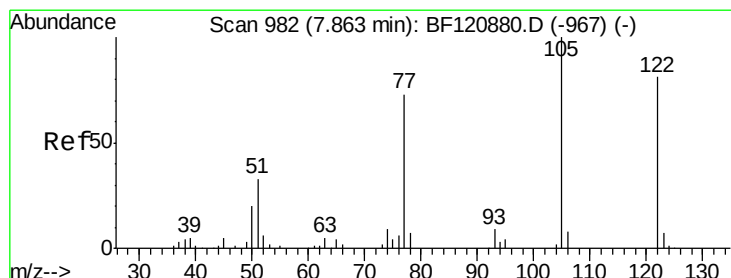
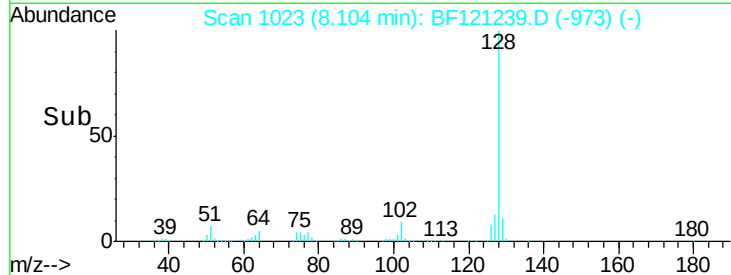
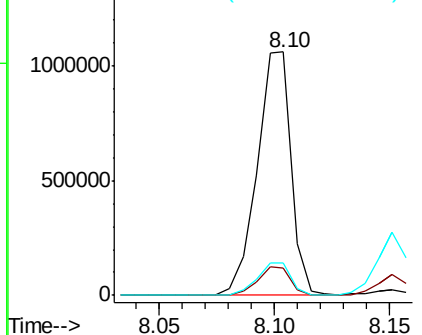
#31
Naphthalene
Concen: 36.718 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:128 Resp: 1092700
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.4 10.8 16.2

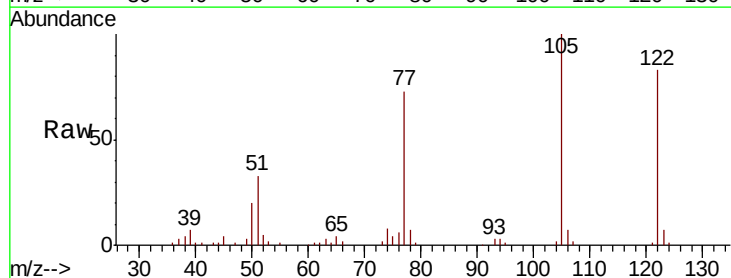


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

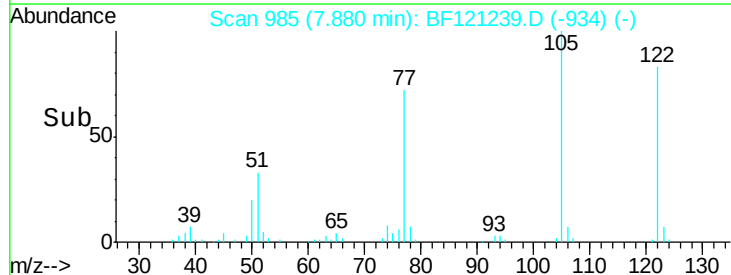
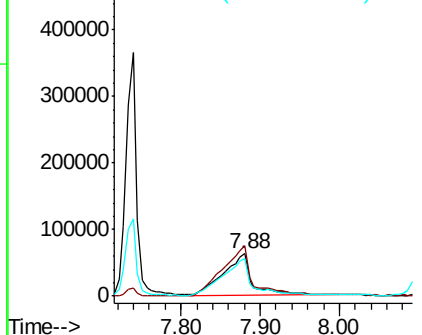


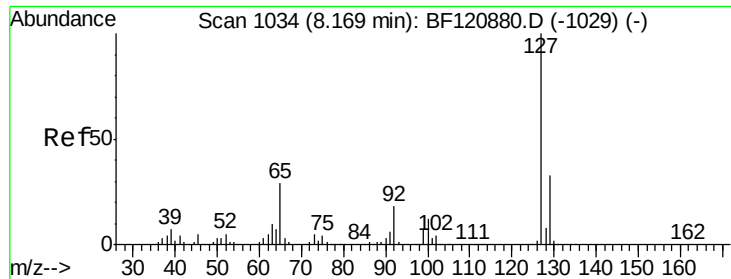
#32
Benzoic acid
Concen: 25.572 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:122 Resp: 159960
Ion Ratio Lower Upper
122 100
105 120.0 100.9 140.9
77 87.8 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

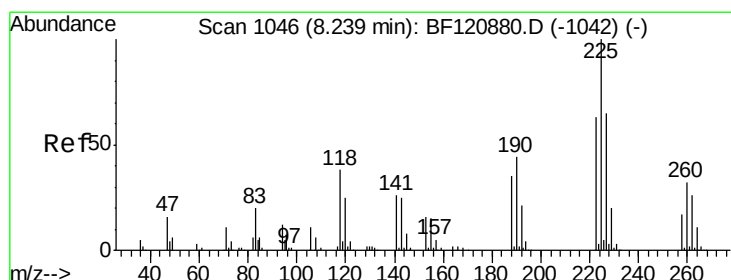
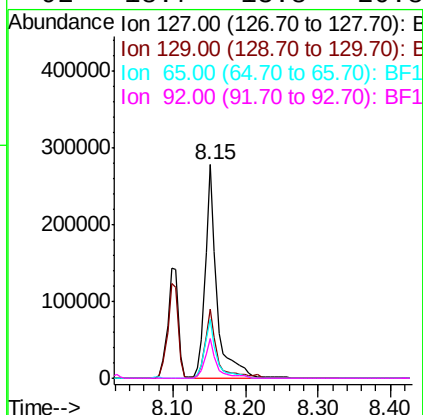
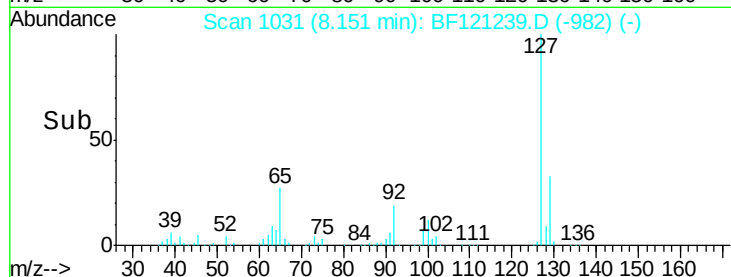
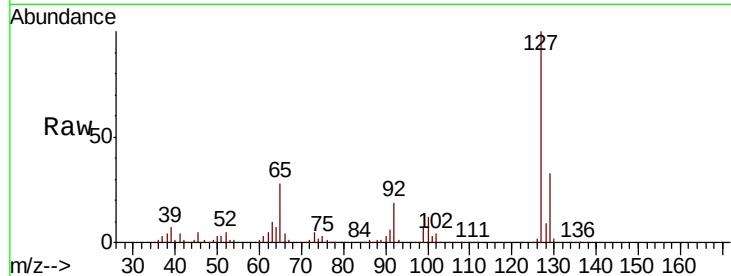




#33
4-Chloroaniline
Concen: 23.619 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

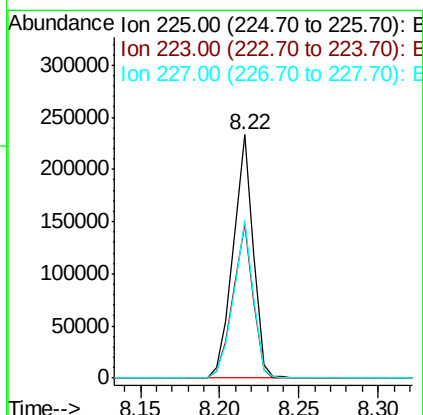
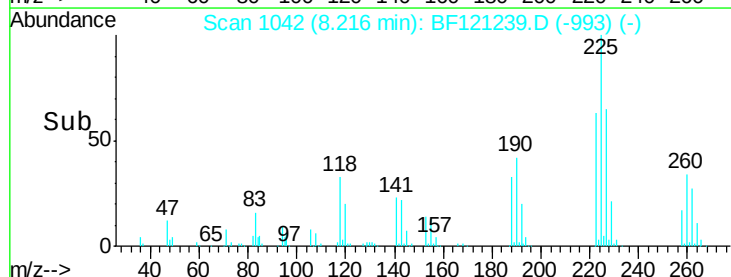
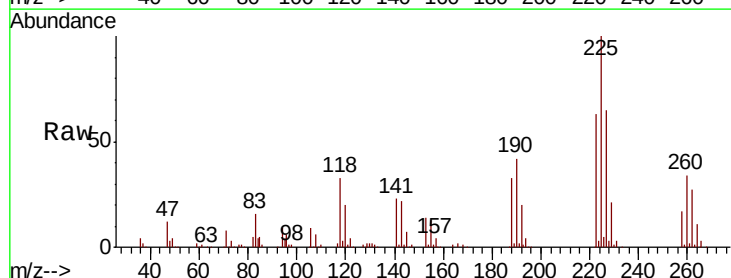
Instrument :
BNA_F
ClientSampleId :
PB130878BS

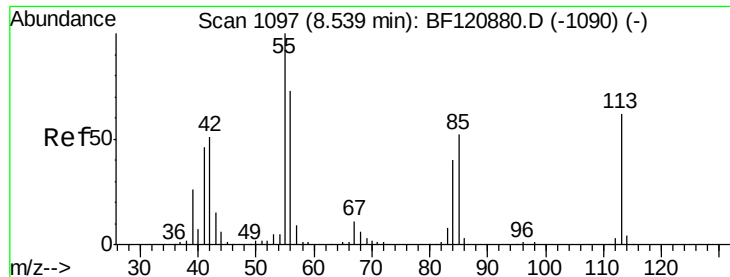
Tot Ion:	127	Resp:	313545
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.9	21.4	32.0
92	18.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 36.937 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	225	Resp:	205706
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.8	51.4	77.0

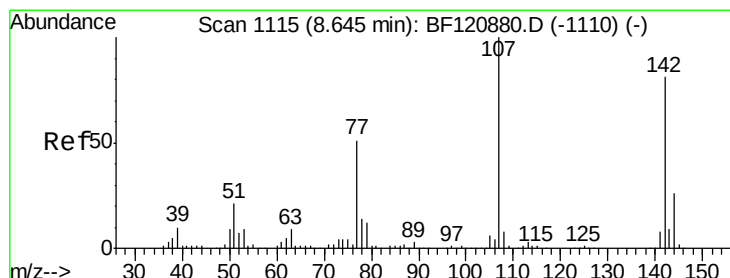
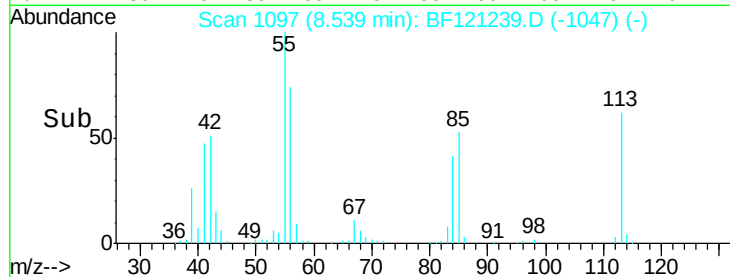
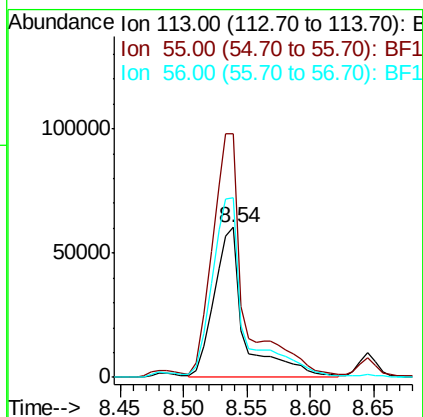
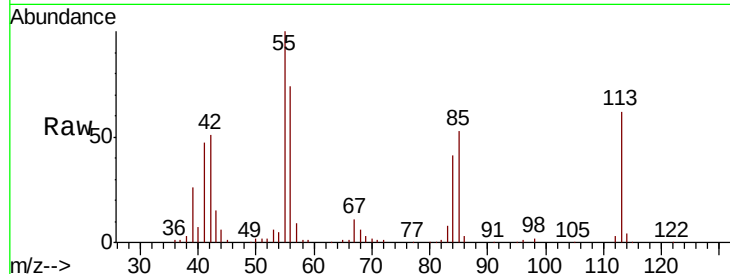




#35
 Caprolactam
 Concen: 37.058 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

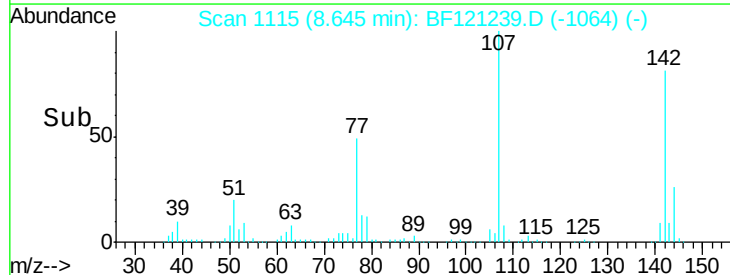
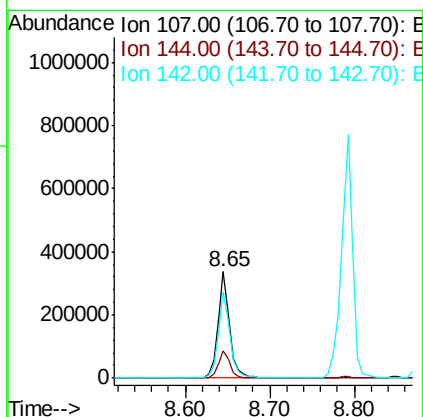
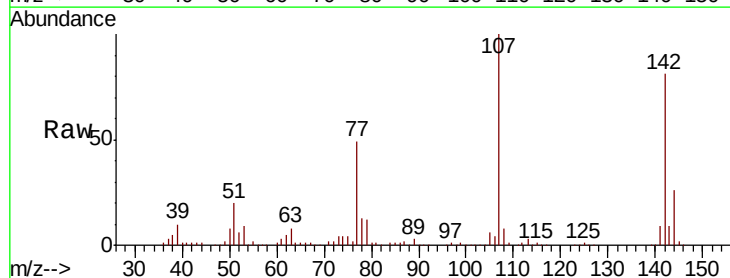
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

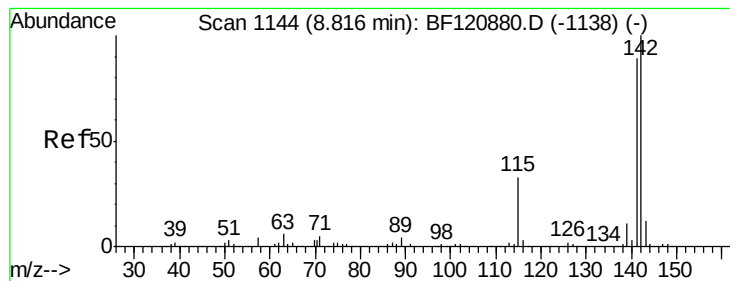
Tot Ion:113 Resp: 101191
 Ion Ratio Lower Upper
 113 100
 55 162.3 131.0 171.0
 56 120.1 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.509 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:107 Resp: 336296
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 81.3 64.5 96.7





#37

2-Methylnaphthalene

Concen: 38.441 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

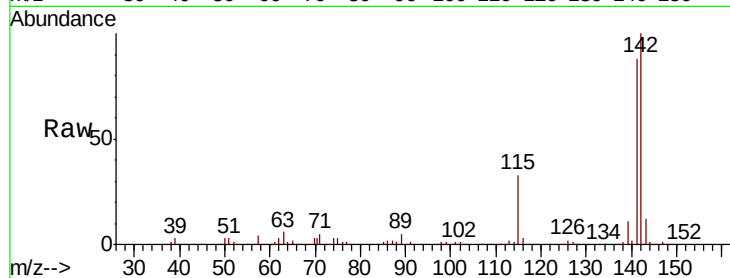
Tot Ion:142 Resp: 742778

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

115 33.3 27.1 40.7



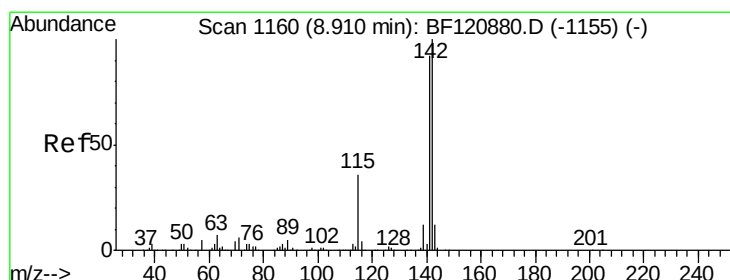
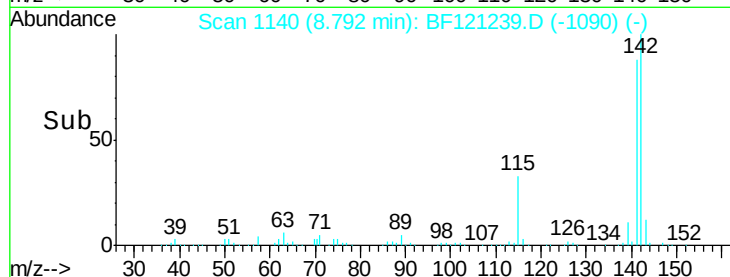
Abundance Ion 142.00 (141.70 to 142.70): E

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: 38.082 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

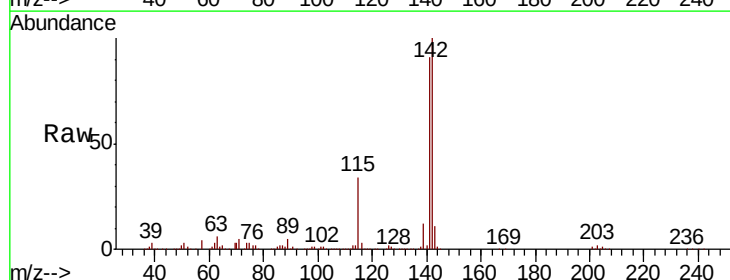
Tgt Ion:142 Resp: 696923

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

116 3.5 3.0 4.6



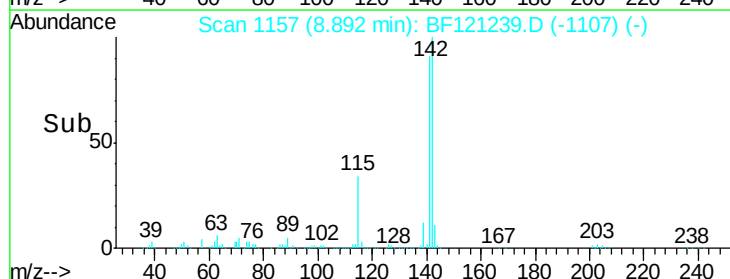
Abundance Ion 142.00 (141.70 to 142.70): E

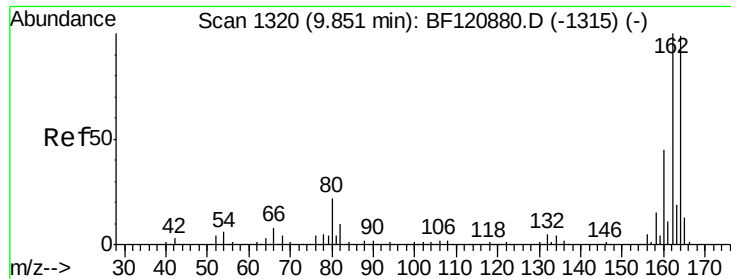
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

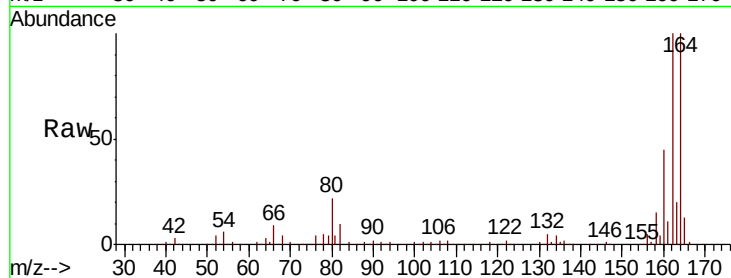
Tot Ion:164 Resp: 295492

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.2

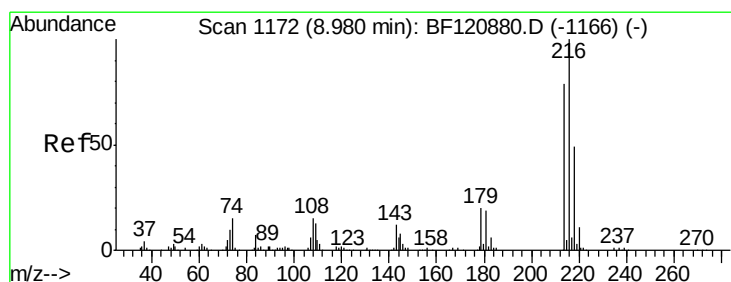
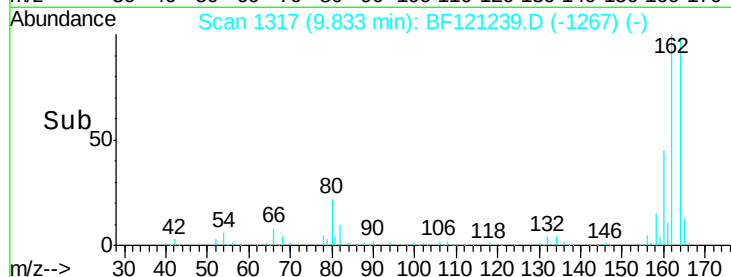
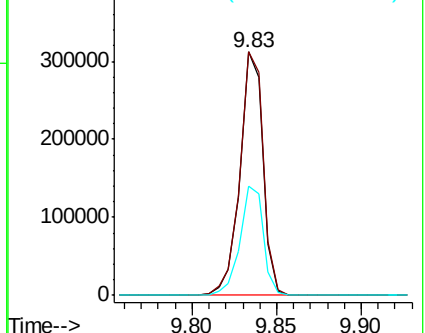
160 45.0 37.2 55.8



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: 40.278 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Tgt Ion:216 Resp: 346767

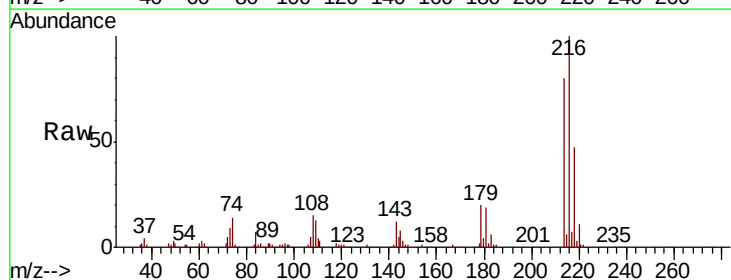
Ion Ratio Lower Upper

216 100

214 79.8 63.9 95.9

179 20.6 16.6 24.8

108 19.8 15.0 22.4

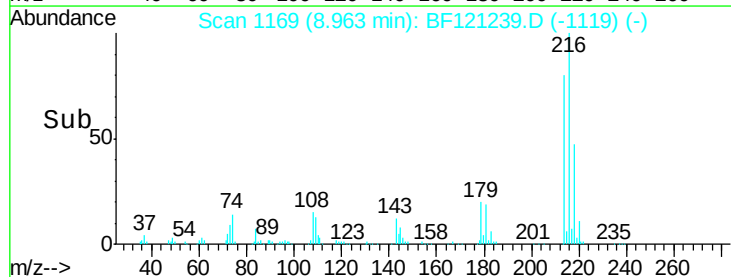
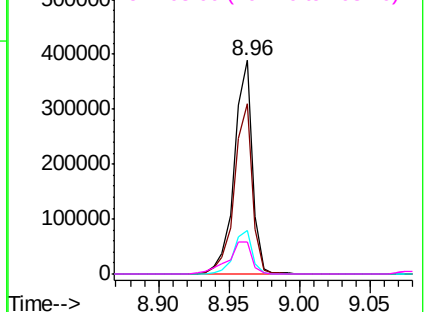


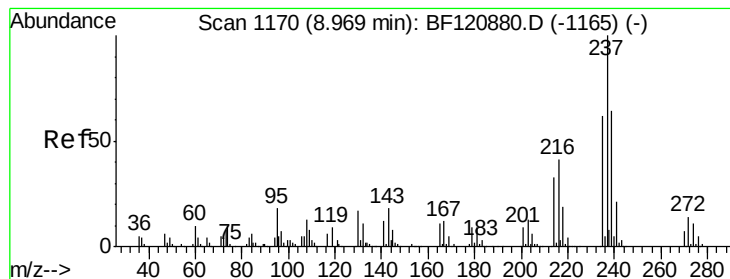
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.339 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

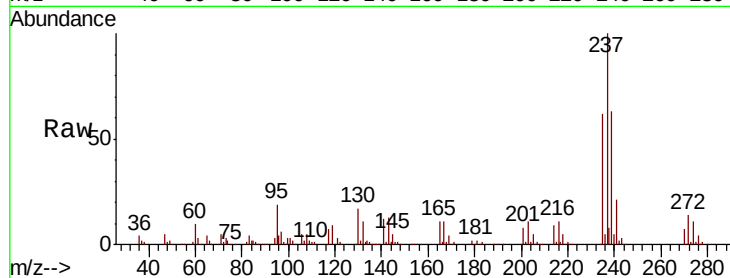
Tot Ion:237 Resp: 315655

Ion Ratio Lower Upper

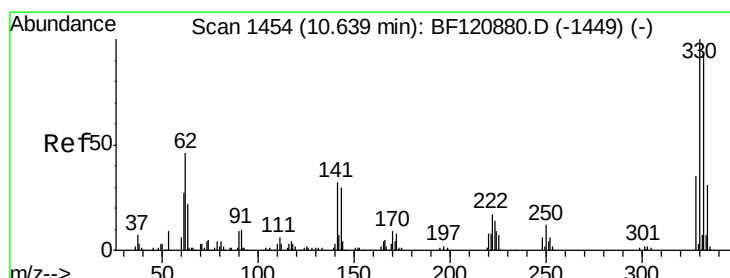
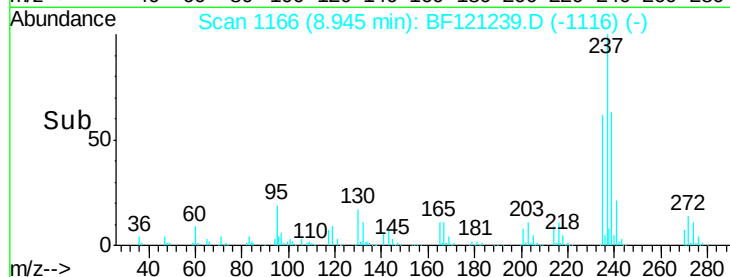
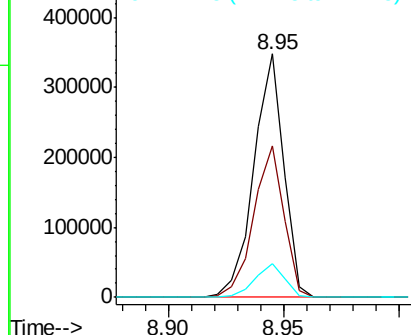
237 100

235 62.3 43.2 83.2

272 13.7 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: 96.087 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

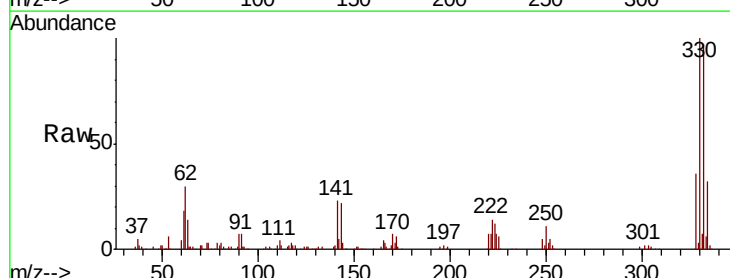
Tgt Ion:330 Resp: 310788

Ion Ratio Lower Upper

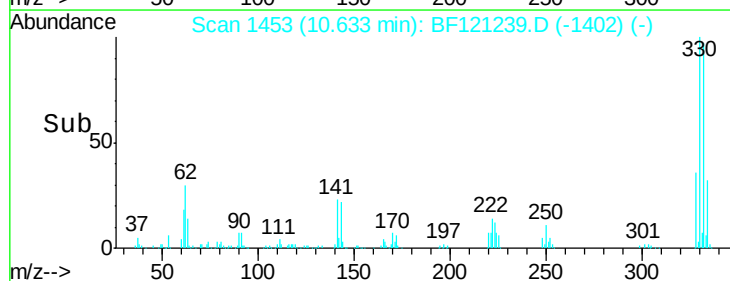
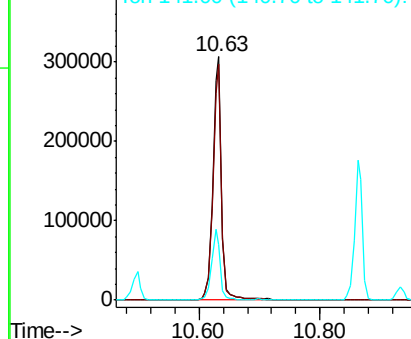
330 100

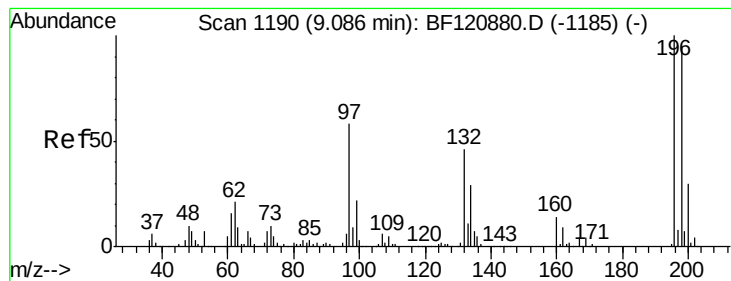
332 95.6 76.1 114.1

141 29.3 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: 37.680 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

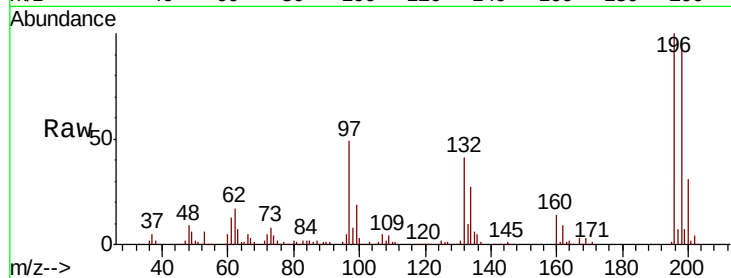
Tot Ion:196 Resp: 228406

Ion Ratio Lower Upper

196 100

198 97.5 77.5 116.3

200 30.9 24.6 37.0

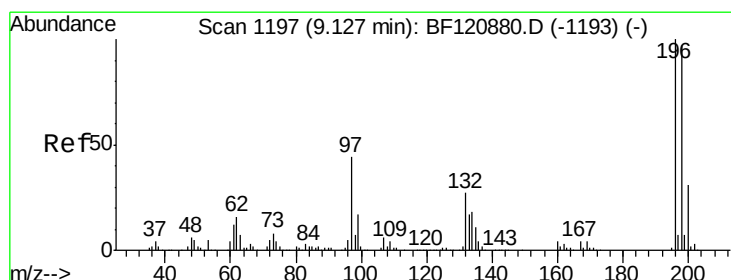
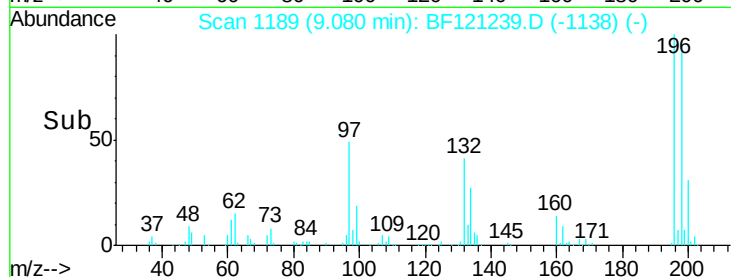
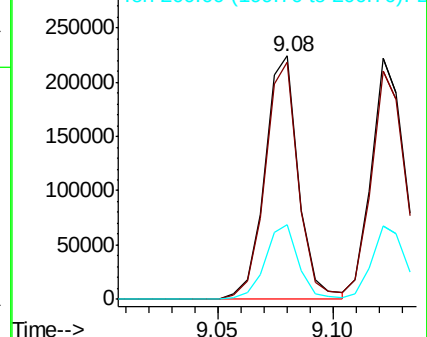


Abundance

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: 35.201 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Tgt Ion:196 Resp: 242042

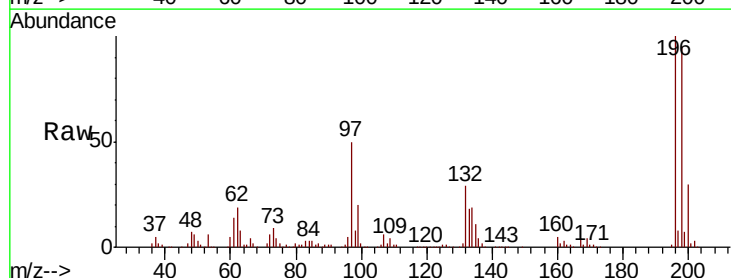
Ion Ratio Lower Upper

196 100

198 94.6 76.2 114.4

97 50.2 37.3 55.9

132 29.1 22.0 33.0



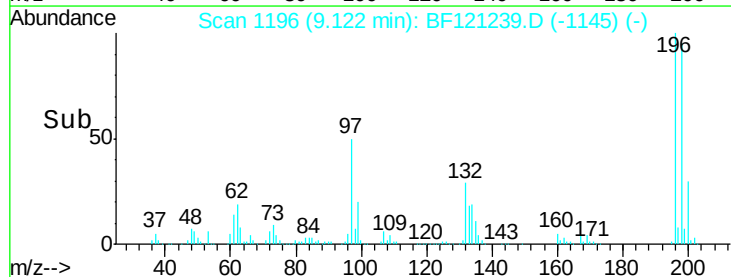
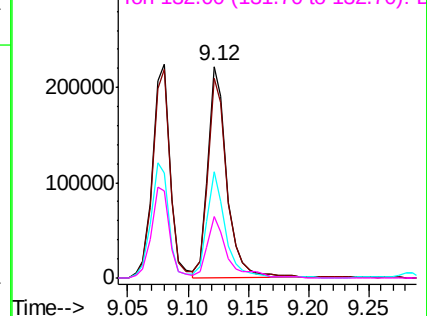
Abundance

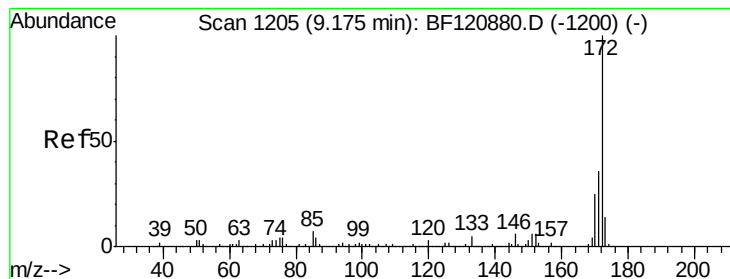
Ion 196.00 (195.70 to 196.70): E

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: 64.739 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

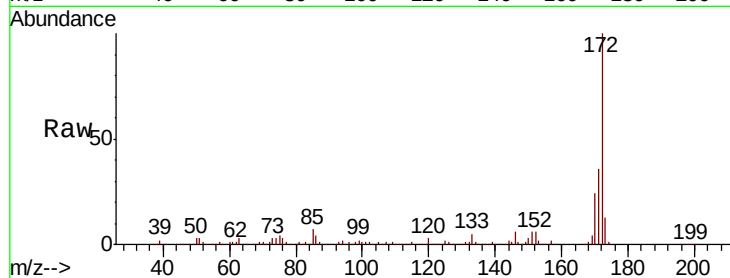
Tot Ion:172 Resp: 1281259

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

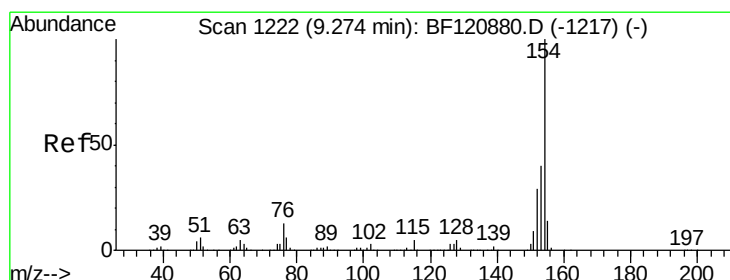
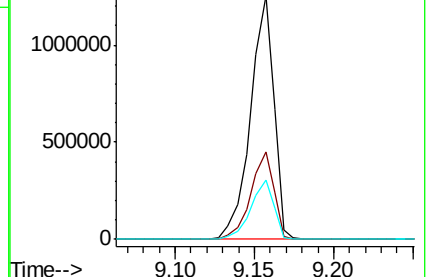
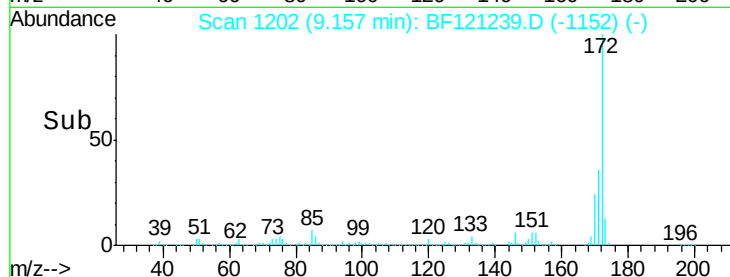
170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.036 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

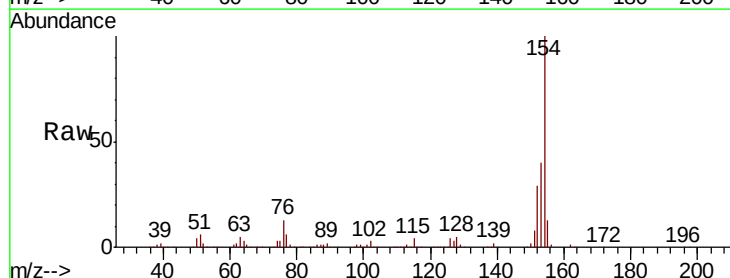
Tgt Ion:154 Resp: 902412

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

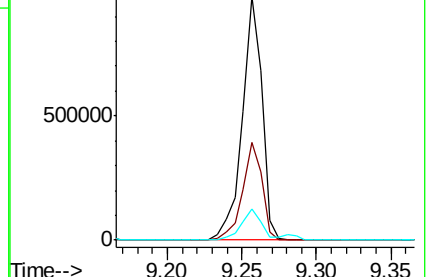
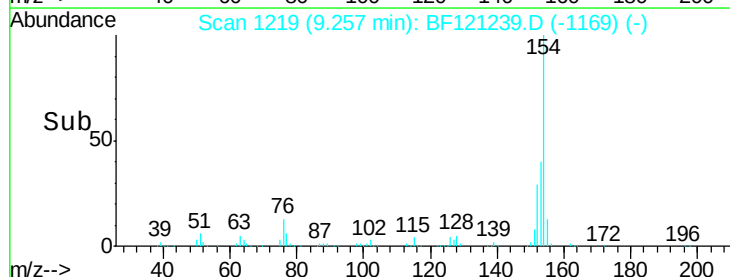
76 12.8 0.0 33.4

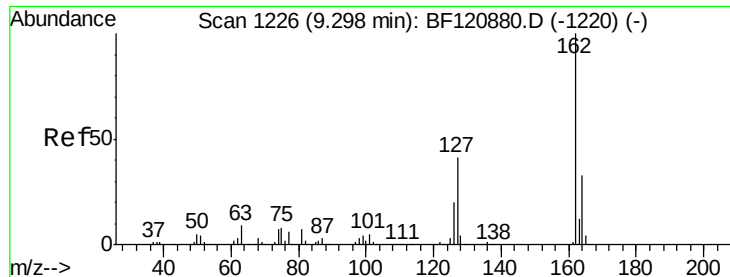


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

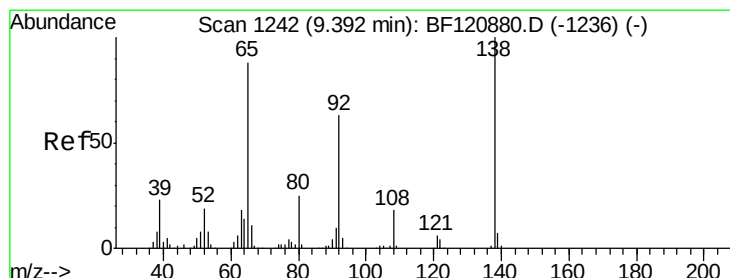
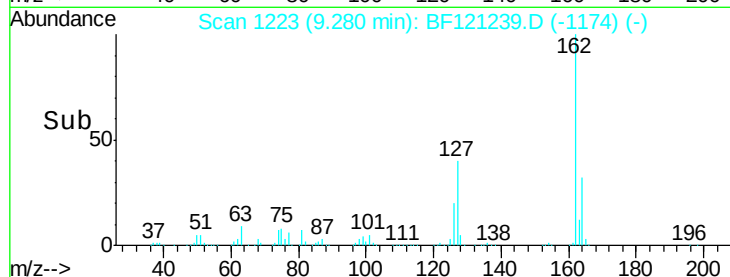
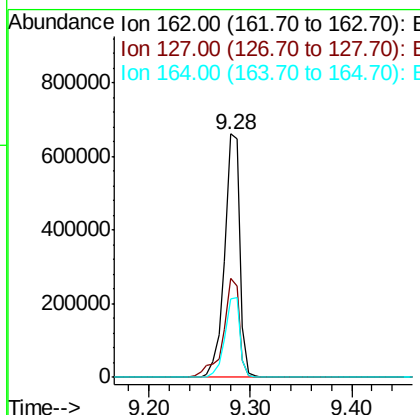
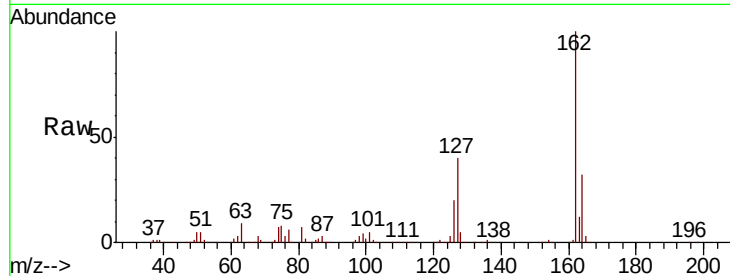




#47
 2-Chloronaphthalene
 Concen: 37.545 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

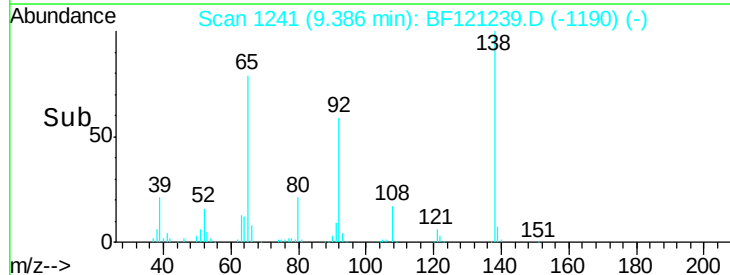
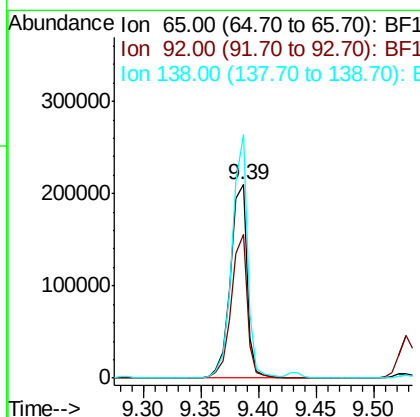
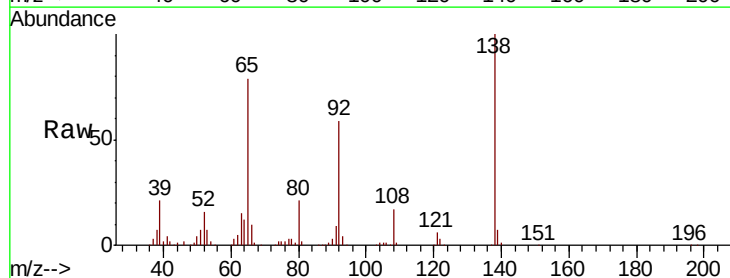
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

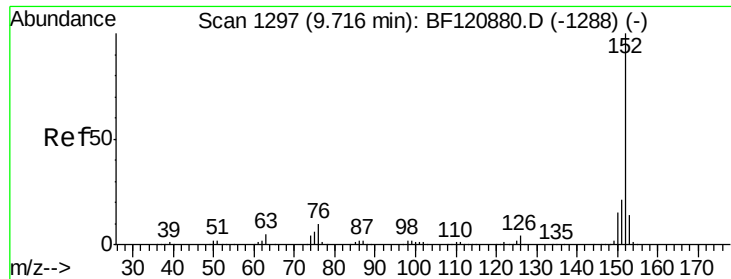
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.1	46.7
164	32.5	26.6	40.0



#48
 2-Nitroaniline
 Concen: 38.299 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	58.0	87.0
138	125.9	93.3	139.9





#49

Acenaphthylene

Concen: 38.013 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

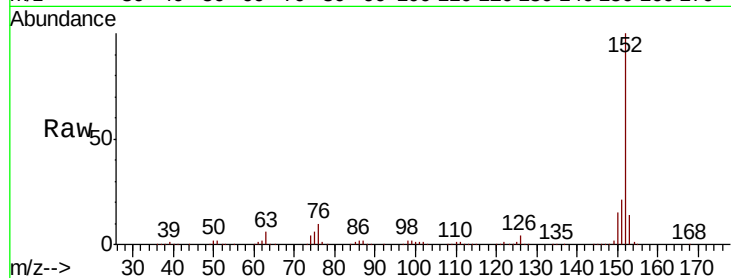
Tot Ion:152 Resp: 1085242

Ion Ratio Lower Upper

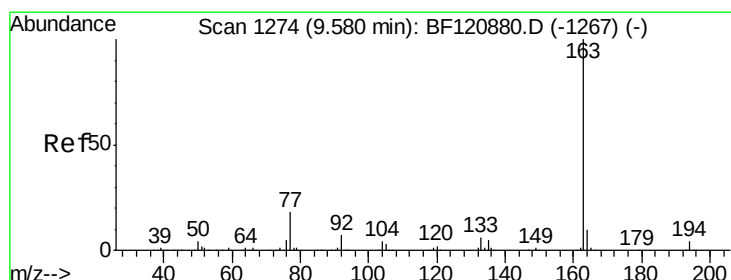
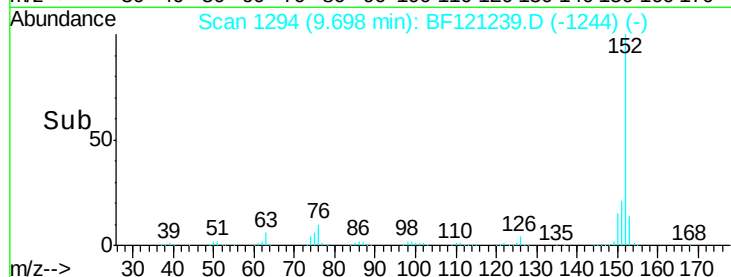
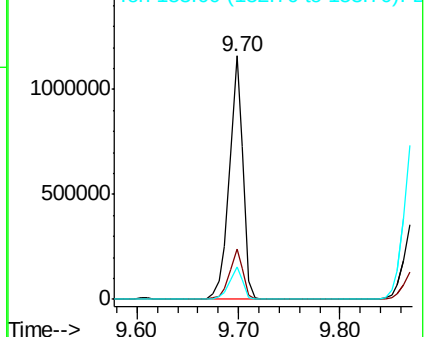
152 100

151 20.8 16.6 25.0

153 13.5 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: 38.116 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

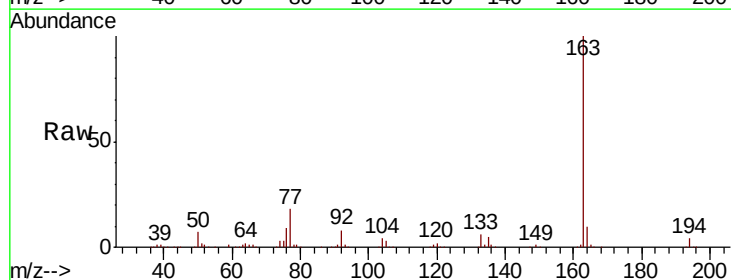
Tgt Ion:163 Resp: 812559

Ion Ratio Lower Upper

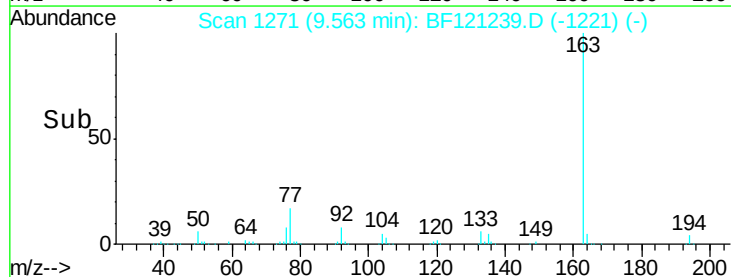
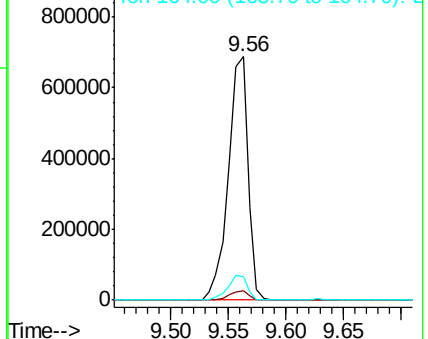
163 100

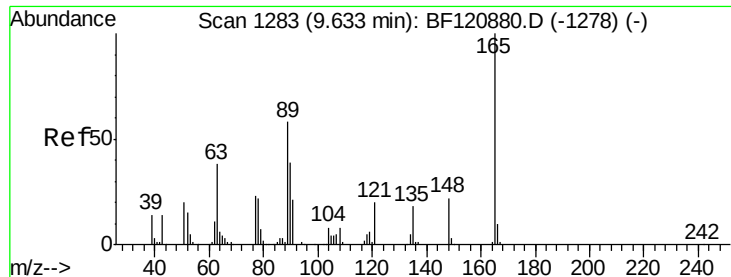
194 3.9 3.0 4.4

164 9.9 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

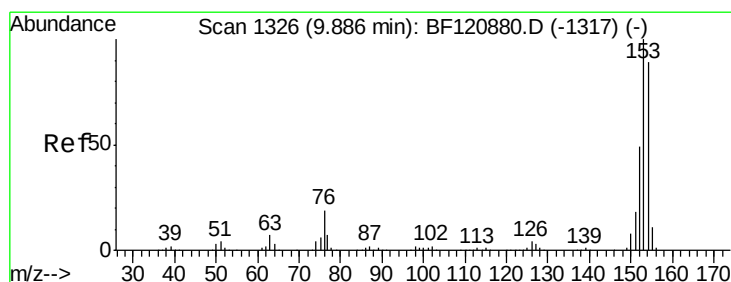
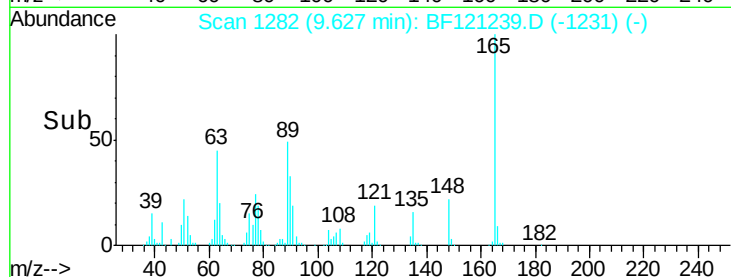
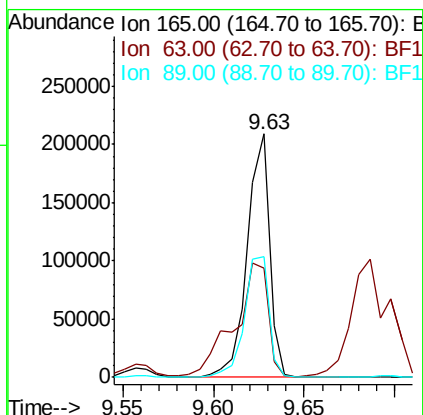
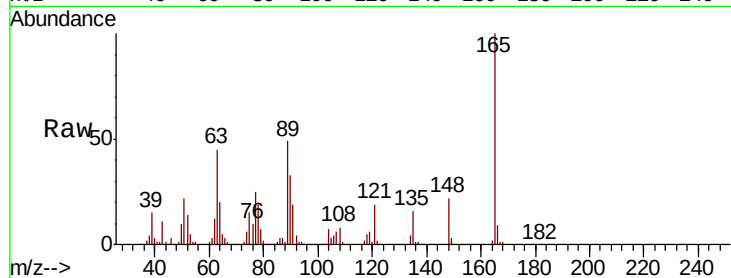




#51
 2,6-Dinitrotoluene
 Concen: 39.287 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

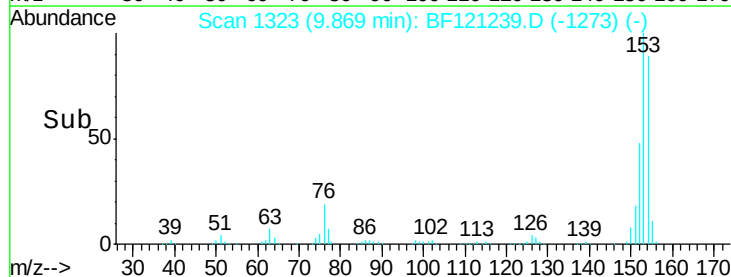
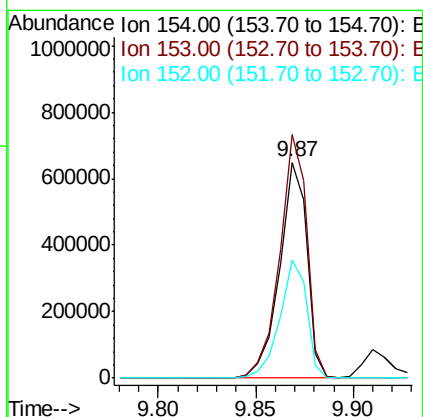
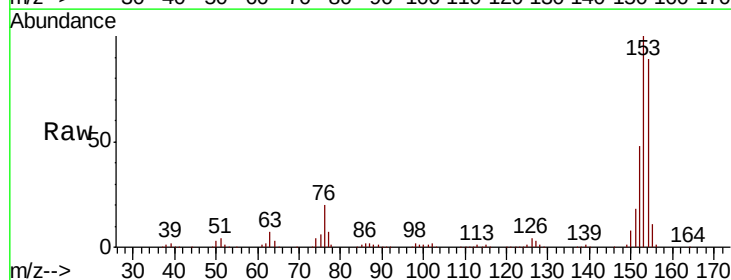
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

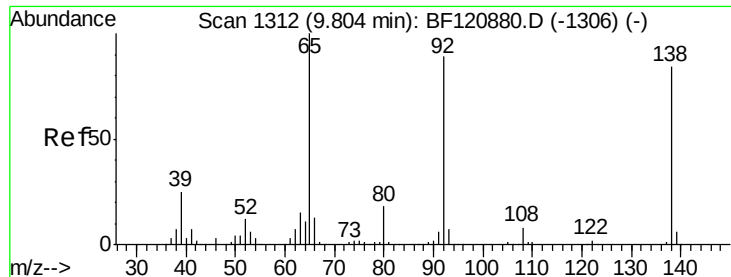
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	41.1	61.7
89	49.5	43.5	65.3



#52
 Acenaphthene
 Concen: 34.820 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.6	134.4
152	54.6	43.8	65.6

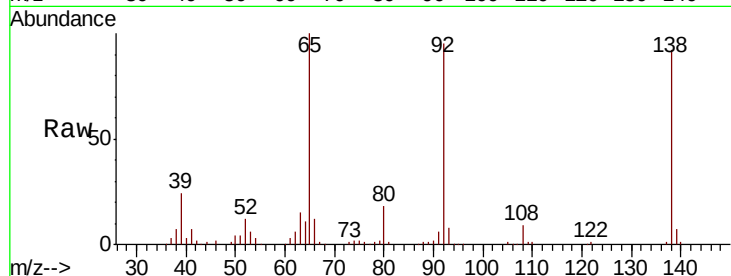




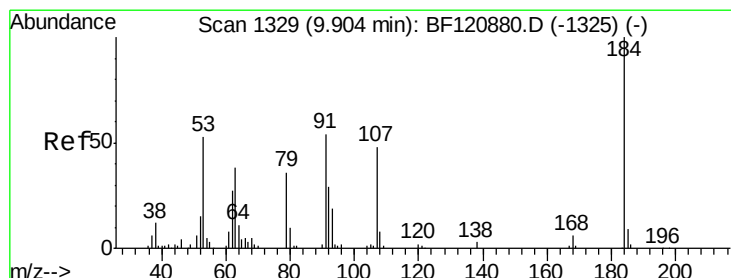
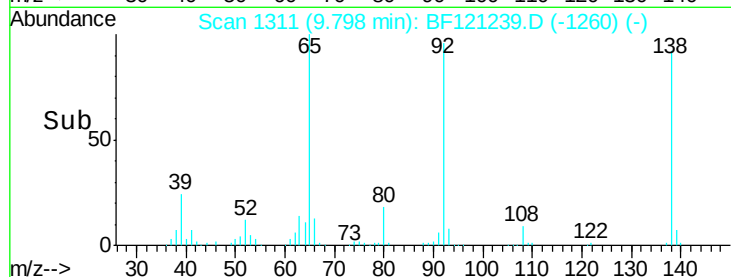
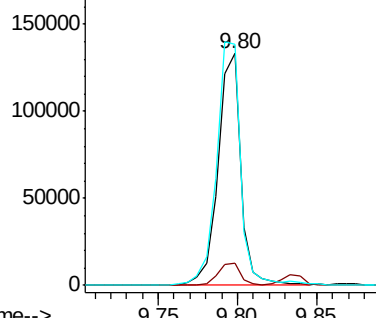
#53
 3-Nitroaniline
 Concen: 23.057 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion:138 Resp: 132442
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.8 11.8
 92 103.7 85.0 127.4

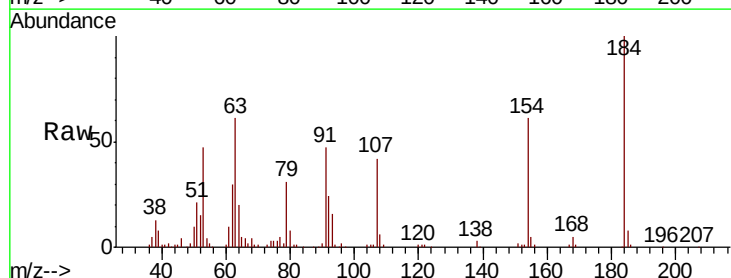


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

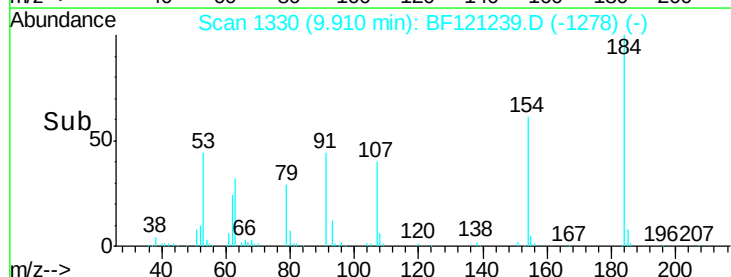
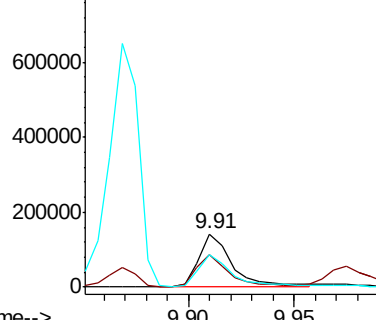


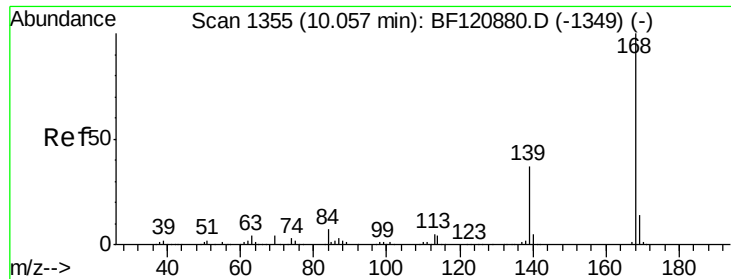
#54
 2,4-Dinitrophenol
 Concen: 61.219 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:184 Resp: 156764
 Ion Ratio Lower Upper
 184 100
 63 60.9 42.5 63.7
 154 61.4 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

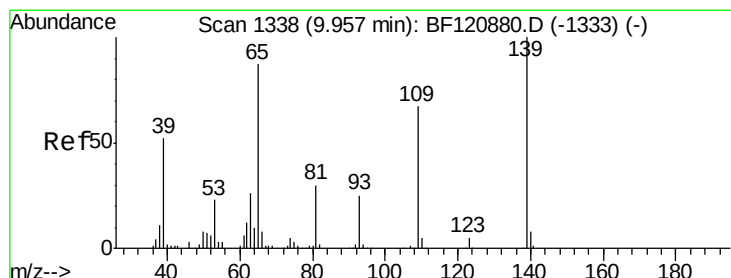
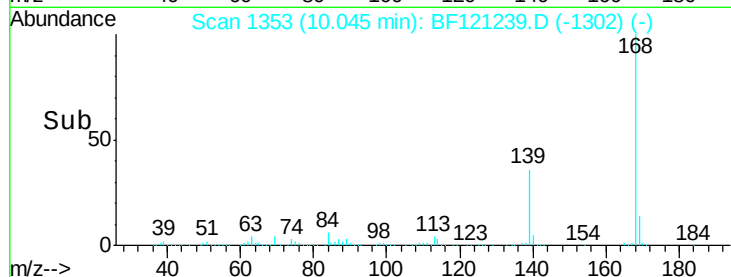
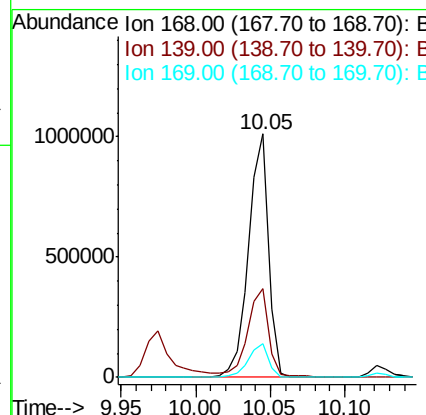
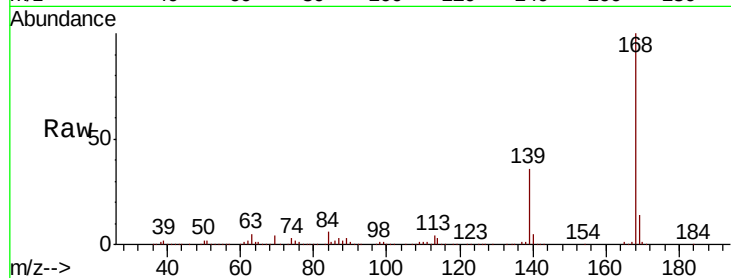




#55
Dibenzofuran
Concen: 35.794 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

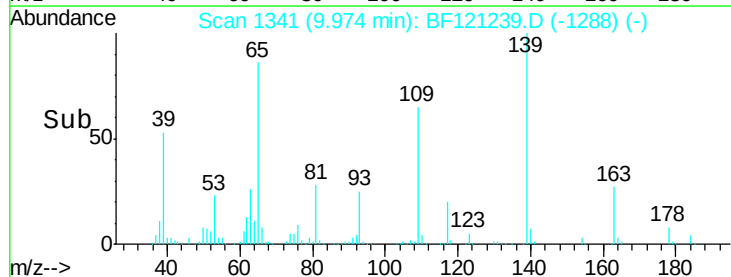
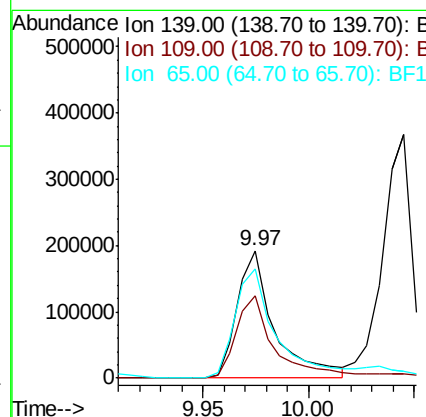
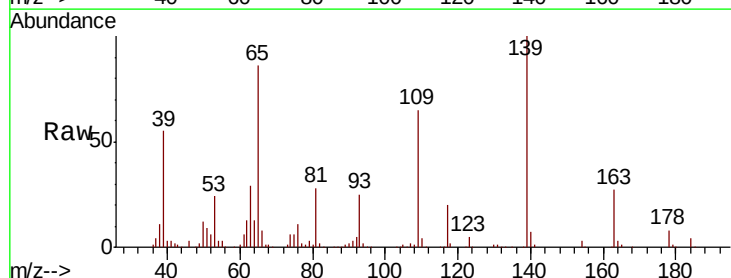
Instrument :
BNA_F
ClientSampleId :
PB130878BS

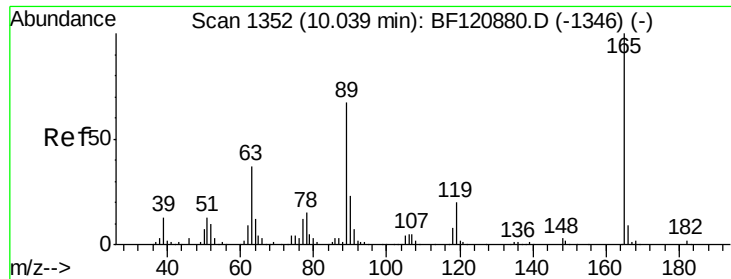
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.7	11.3	16.9



#56
4-Nitrophenol
Concen: 53.626 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	44.8	84.8
65	86.0	65.6	105.6

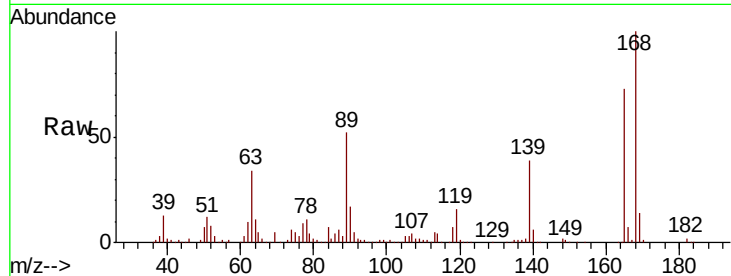




#57
2,4-Dinitrotoluene
Concen: 37.821 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	29.8	44.8#
89	70.6	50.3	75.5
182	2.3	2.1	3.1

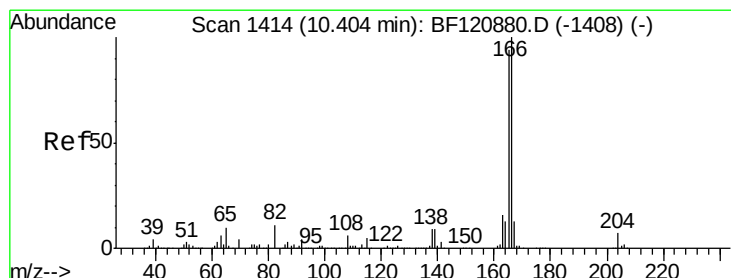
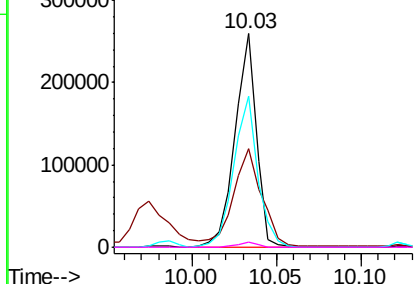
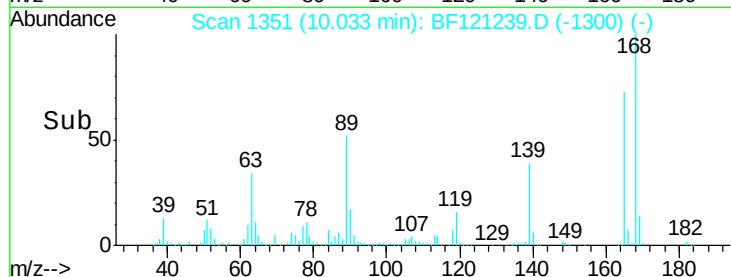


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

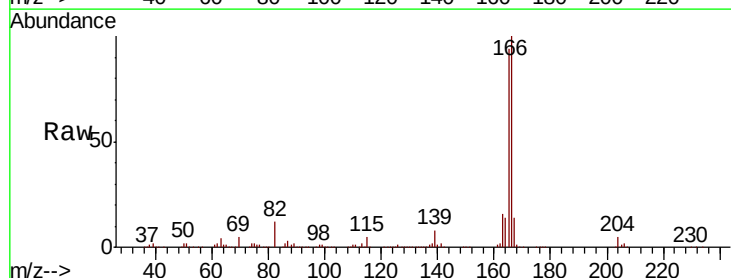
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.963 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

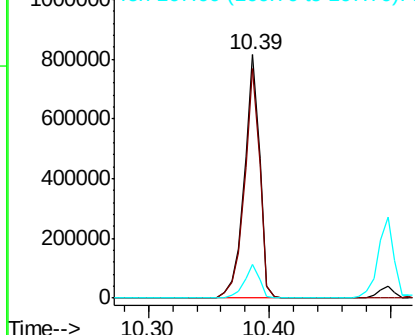
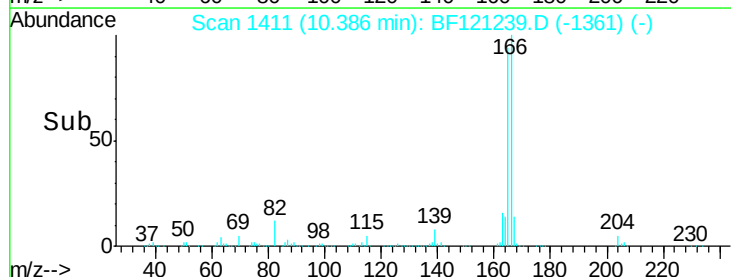
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.4	114.6
167	13.6	10.7	16.1

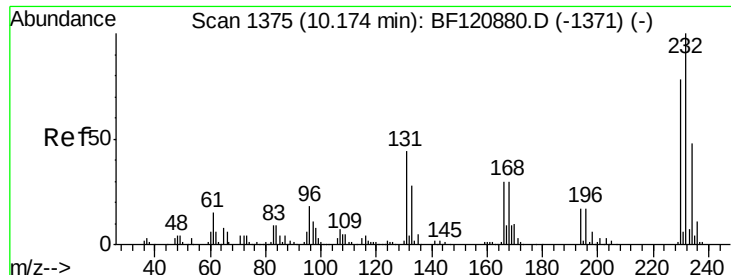


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

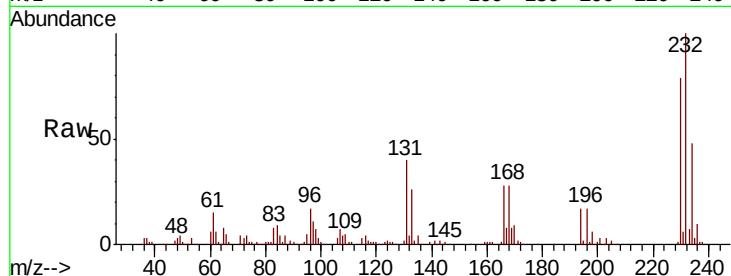




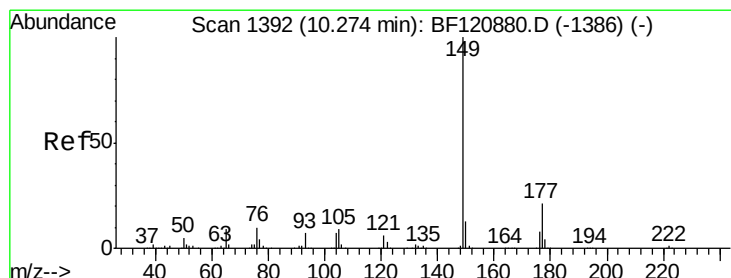
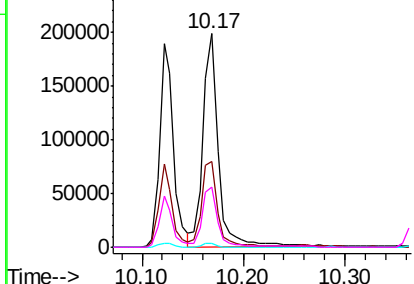
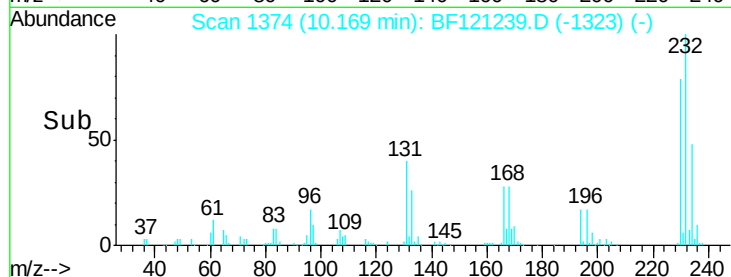
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.699 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion:	232	Resp:	207834
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.2	51.2
130	2.0	1.7	2.5
166	28.5	23.1	34.7

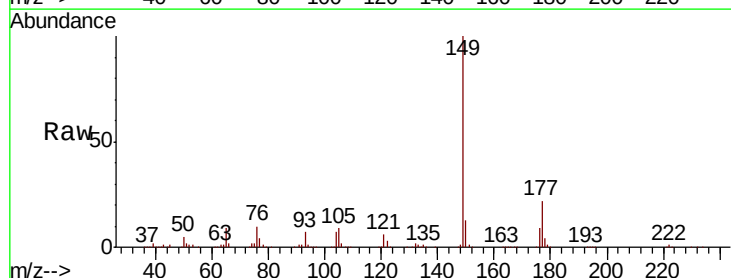


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

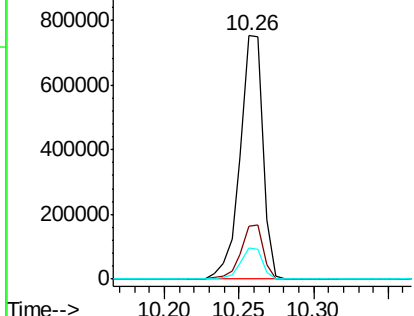
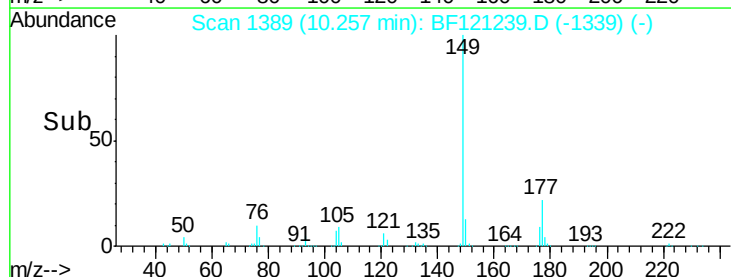


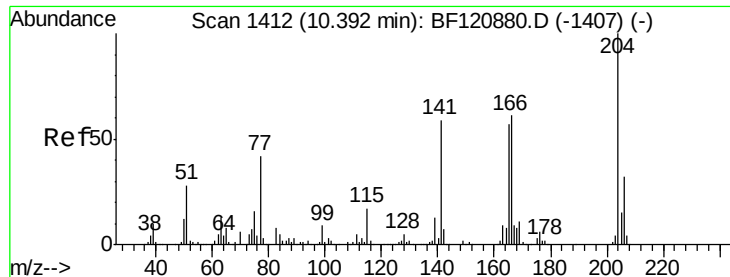
#60
 Diethylphthalate
 Concen: 37.067 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:	149	Resp:	799261
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	12.9	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

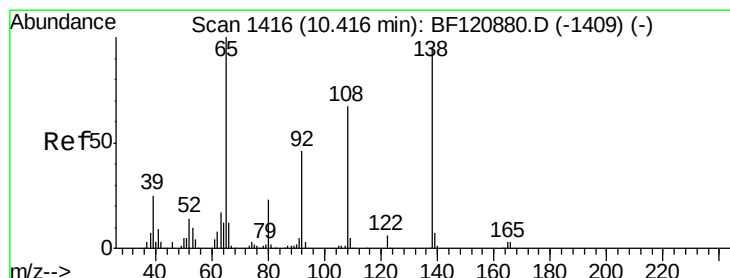
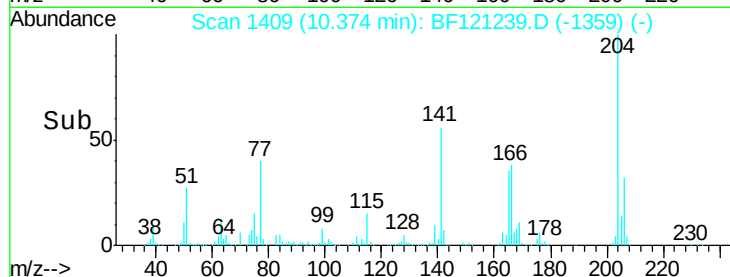
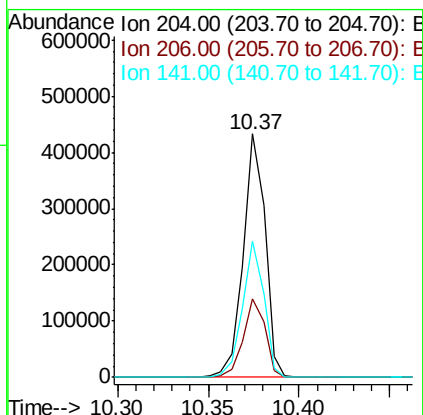
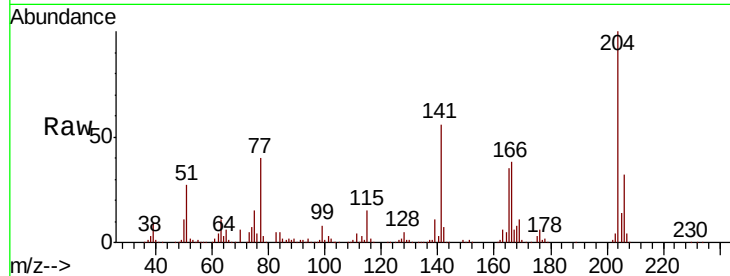




#61
 4-Chlorophenyl-phenylether
 Concen: 34.800 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

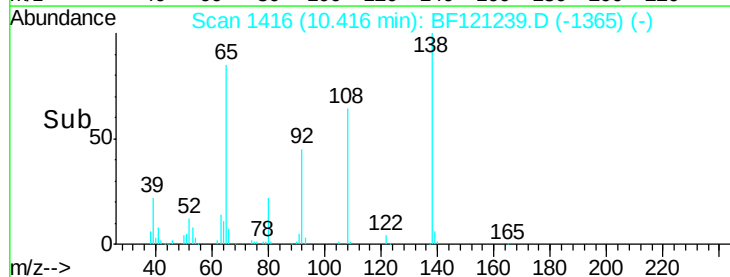
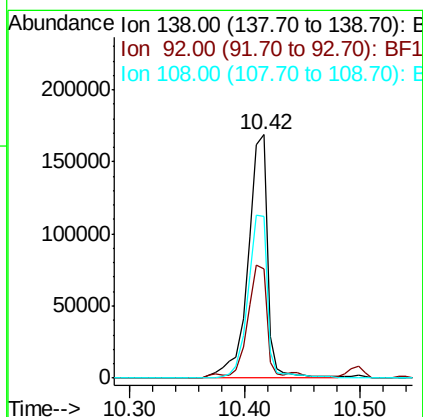
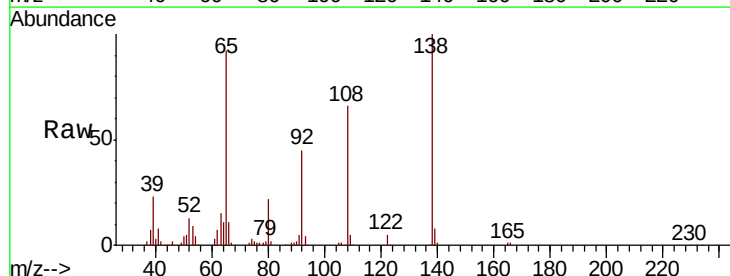
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

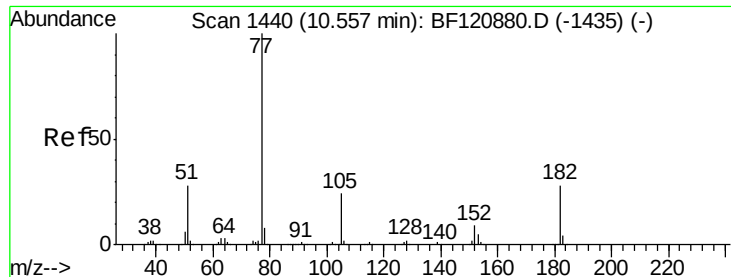
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	56.1	46.9	70.3



#62
 4-Nitroaniline
 Concen: 35.359 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	25.2	65.2
108	66.3	46.7	86.7

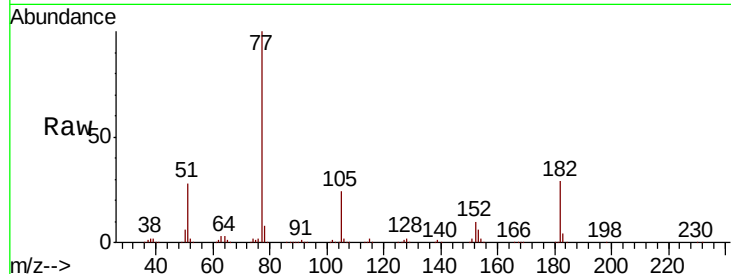




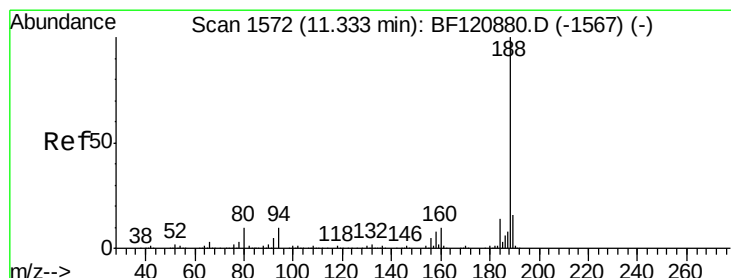
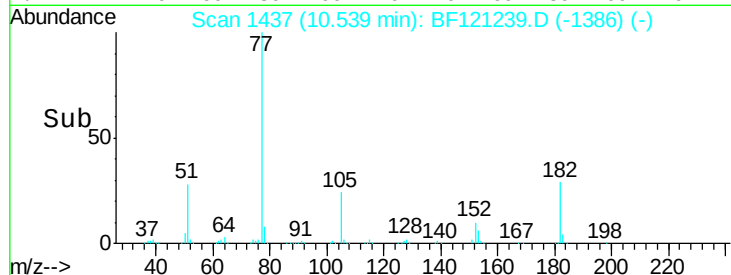
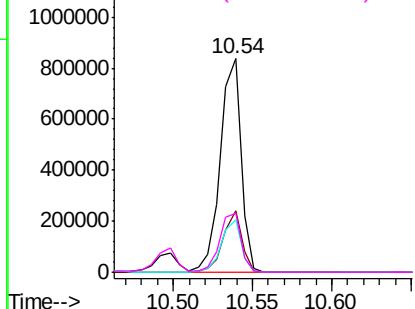
#63
Azobenzene
Concen: 36.982 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:	77	Resp:	759163
Ion	Ratio	Lower	Upper
77	100		
182	28.7	4.5	44.5
105	24.4	3.4	43.4
51	27.7	8.7	48.7

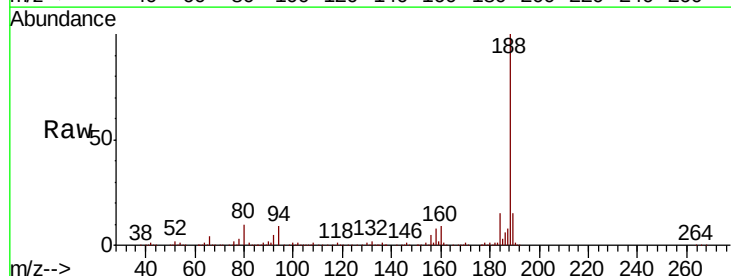


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

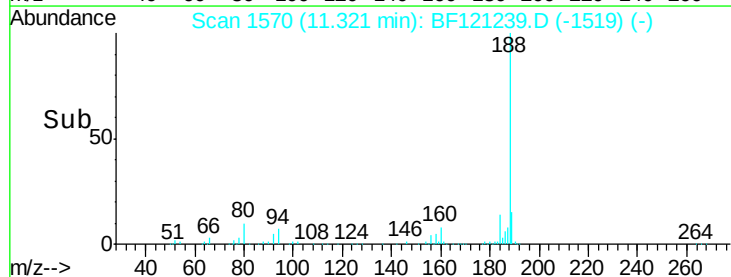
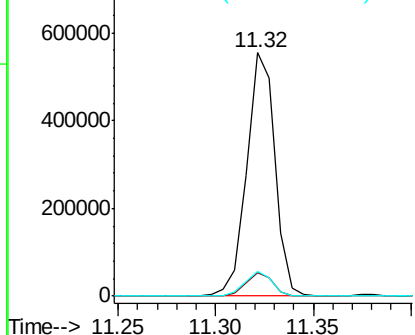


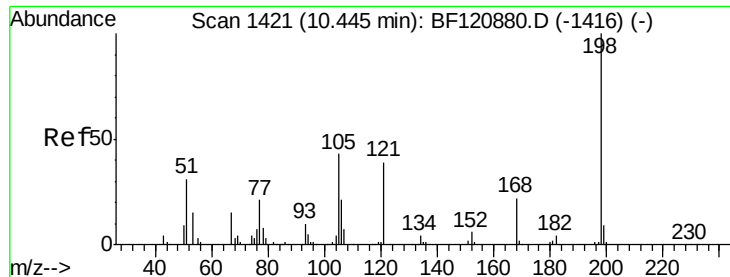
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	188	Resp:	556019
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.1	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

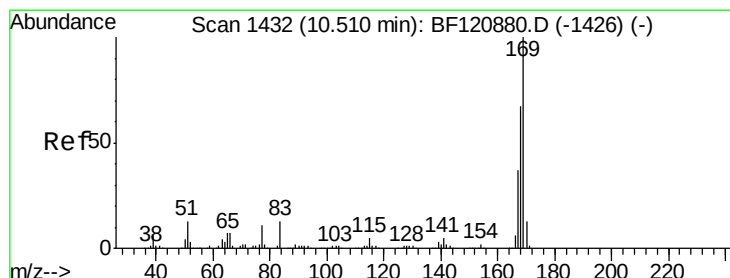
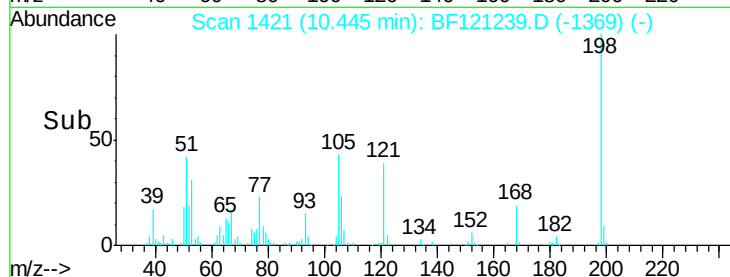
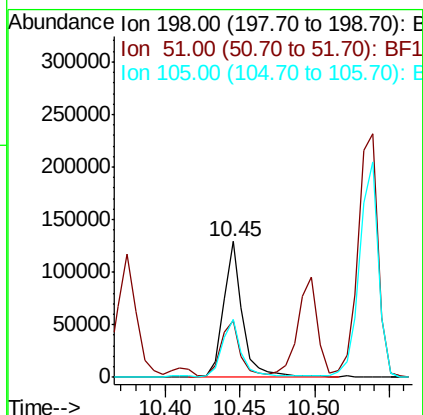
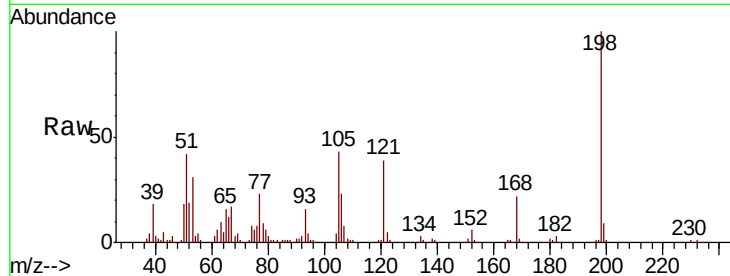




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.455 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

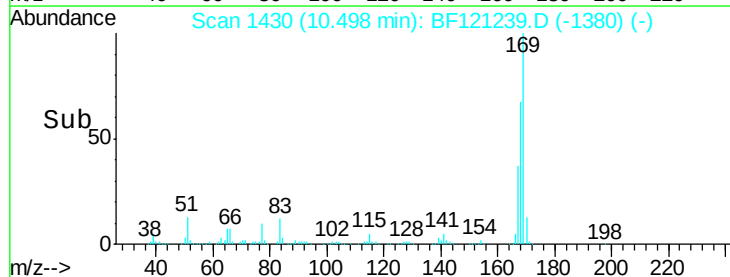
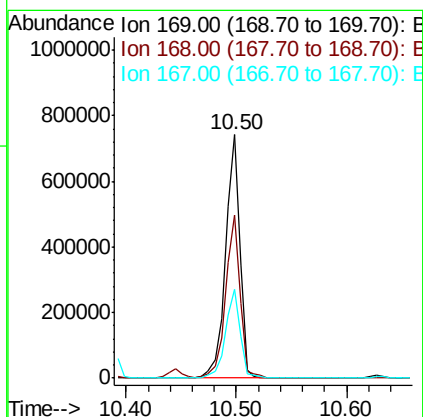
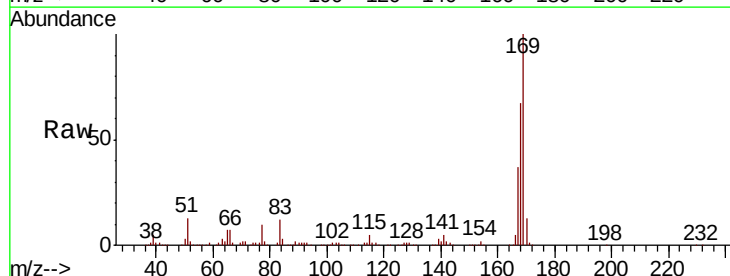
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

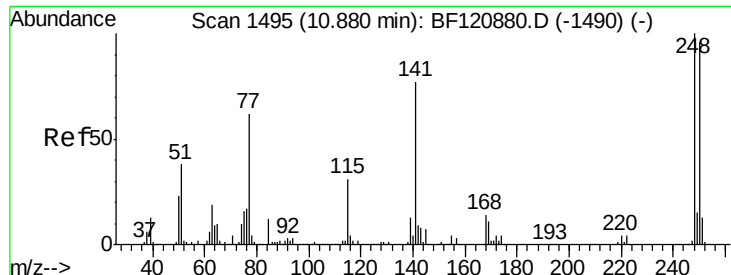
Tot Ion:198 Resp: 117577
 Ion Ratio Lower Upper
 198 100
 51 41.8 23.4 63.4
 105 42.9 23.7 63.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.683 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:169 Resp: 676613
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.7 80.5
 167 36.7 30.0 45.0

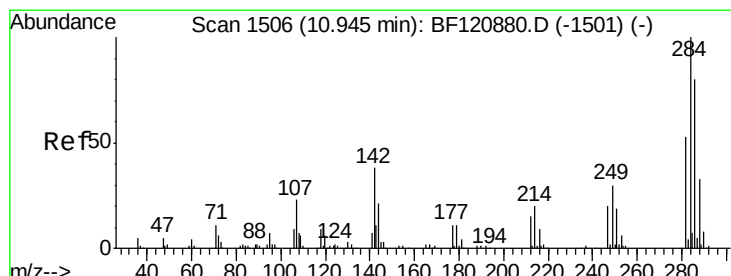
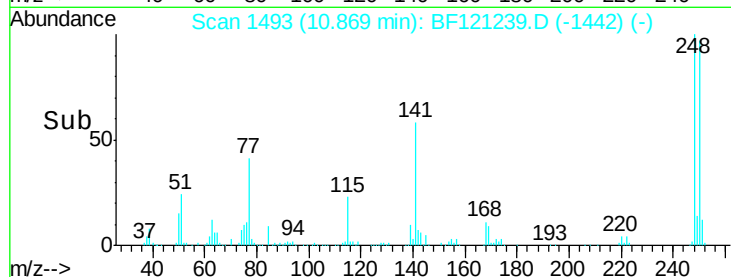
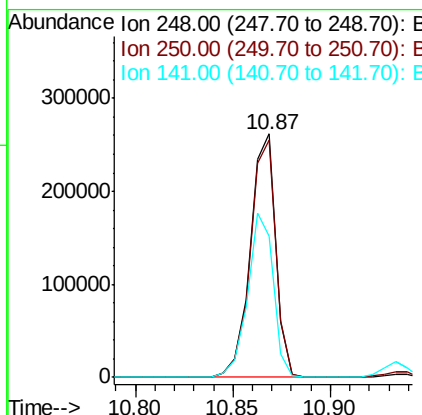
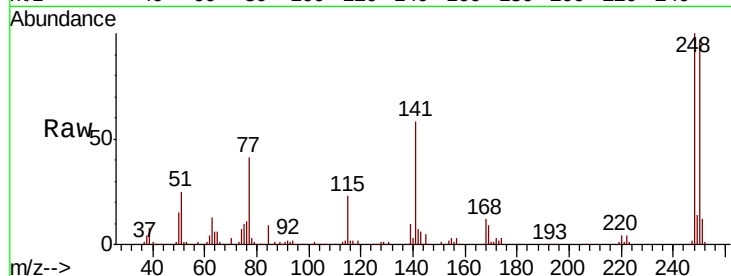




#67
 4-Bromophenyl-phenylether
 Concen: 38.038 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

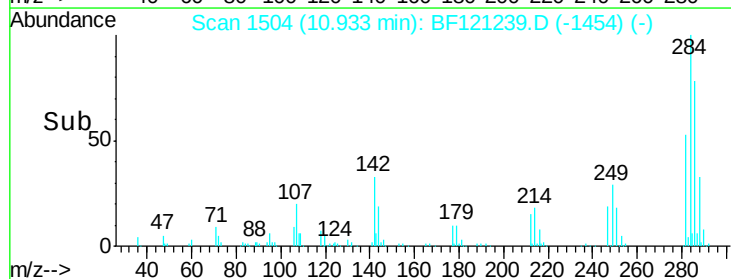
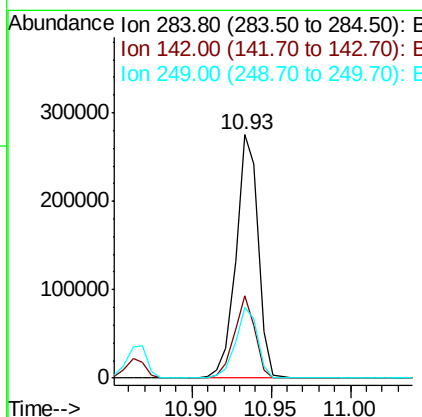
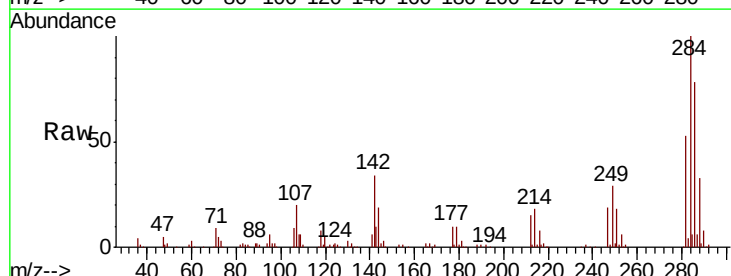
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

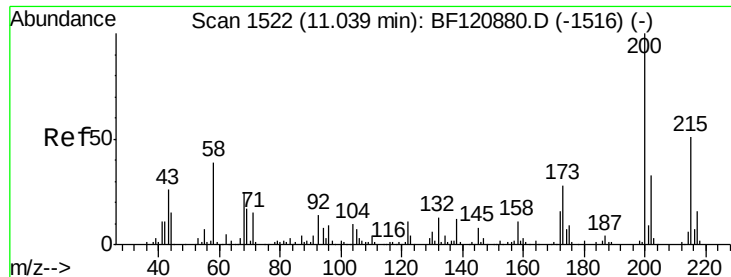
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.6
141	57.9	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 39.622 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	21.1	31.7#
249	29.1	22.5	33.7

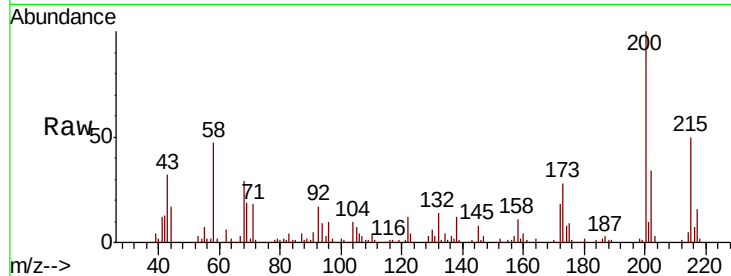




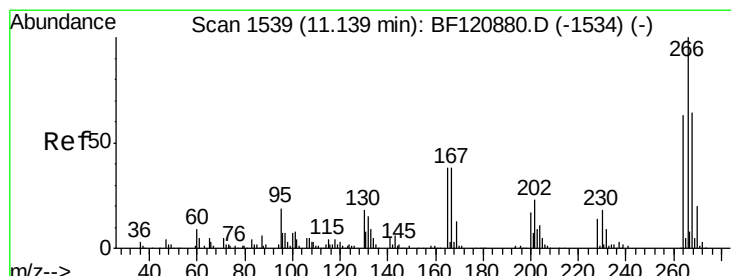
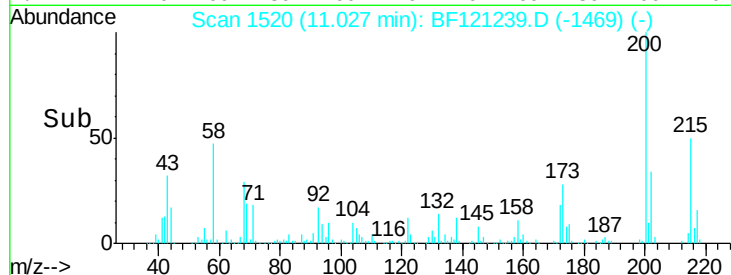
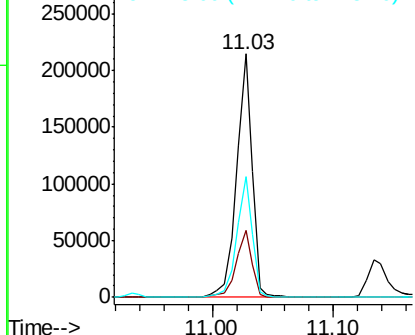
#69
 Atrazine
 Concen: 44.770 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.6	47.6
215	49.8	28.8	68.8

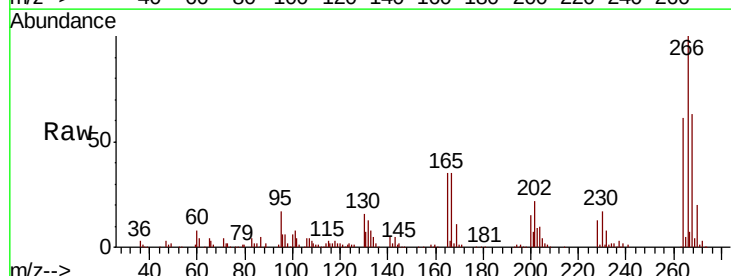


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

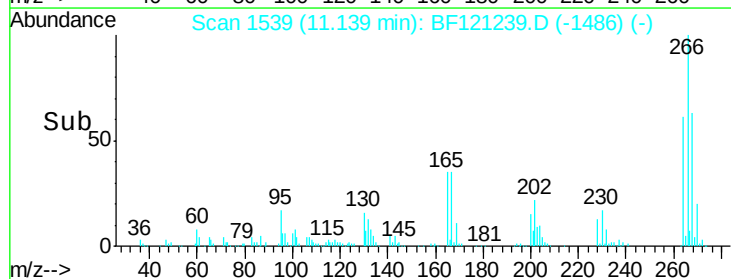
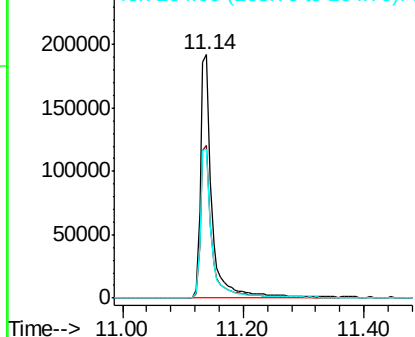


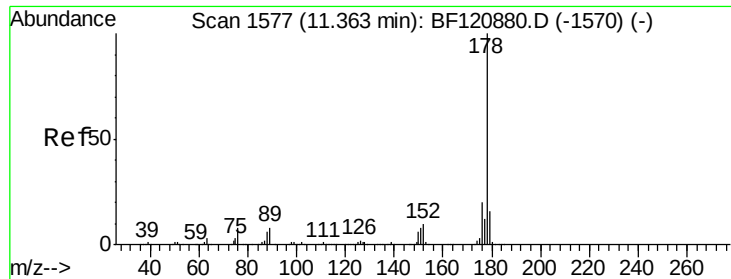
#70
 Pentachlorophenol
 Concen: 67.001 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.7	74.5
264	61.0	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

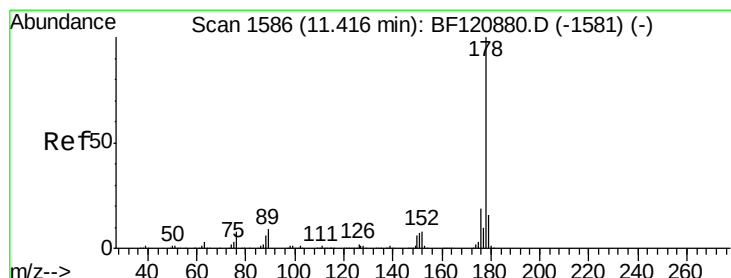
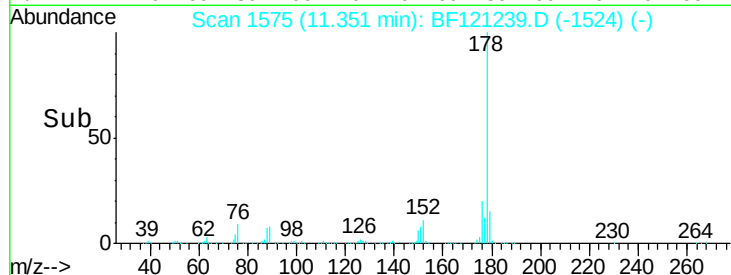
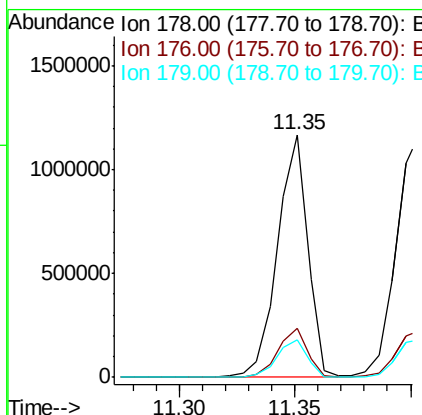
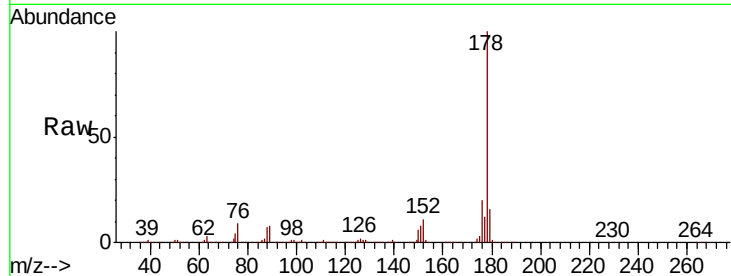




#71
Phenanthrene
Concen: 36.831 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

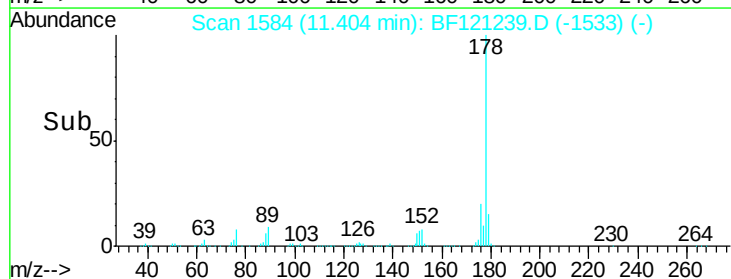
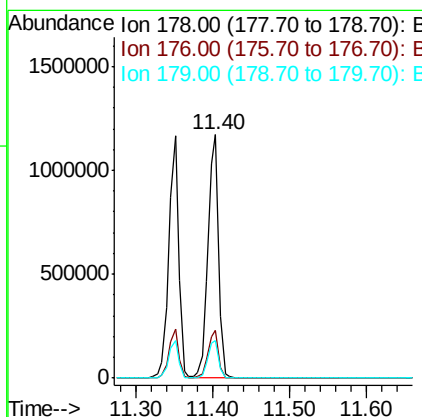
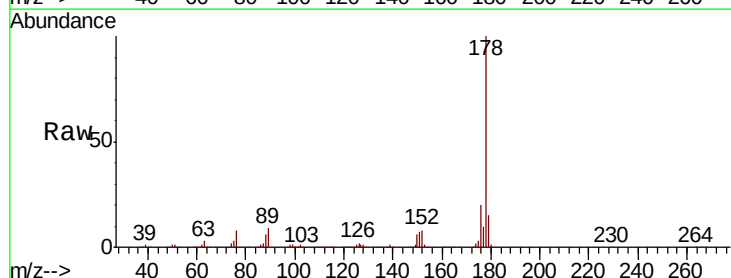
Instrument :
BNA_F
ClientSampleId :
PB130878BS

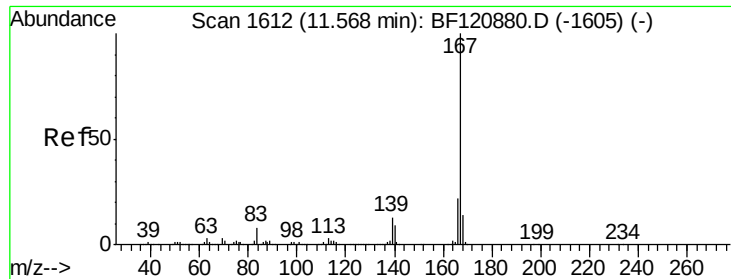
Tot Ion:178 Resp: 1053220
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.6 19.0



#72
Anthracene
Concen: 38.899 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:178 Resp: 1116968
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.4 12.6 19.0



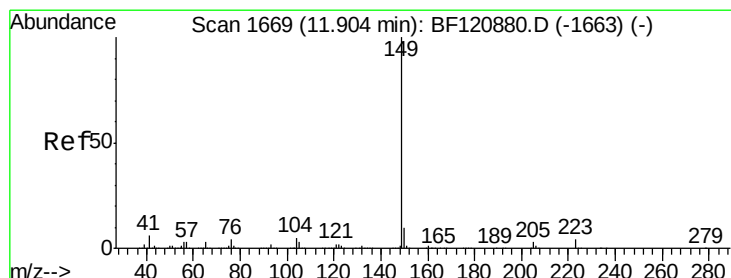
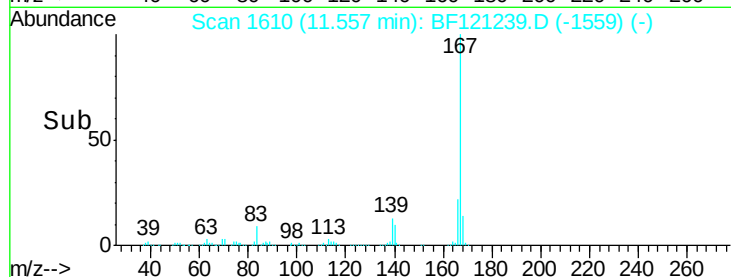
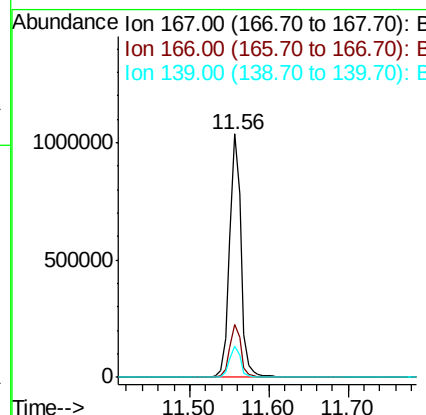
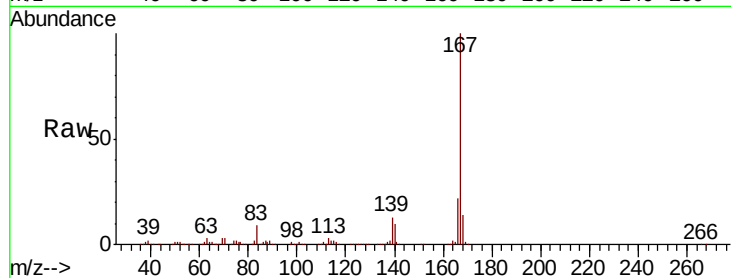


#73
 Carbazole
 Concen: 36.073 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion:167 Resp: 1027956

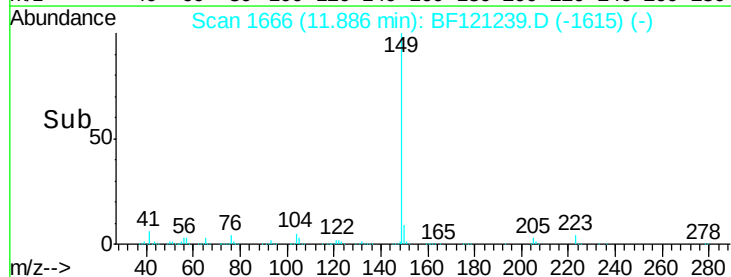
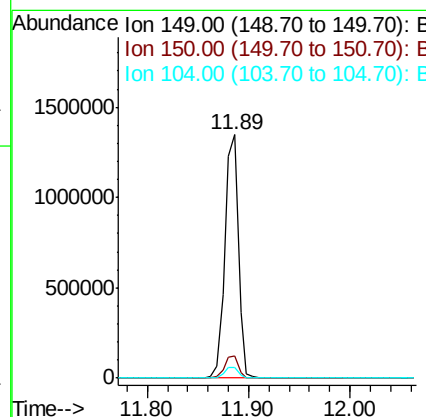
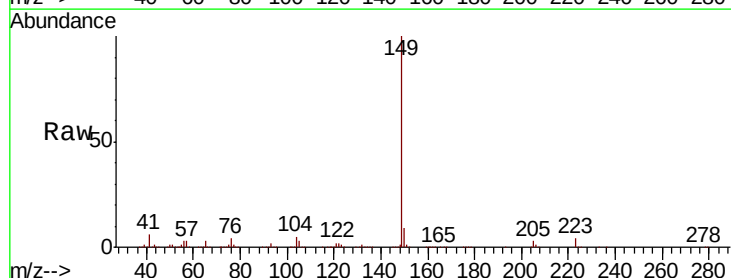
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.7	10.5	15.7

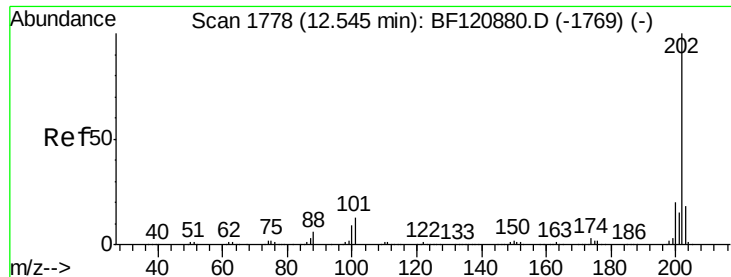


#74
 Di-n-butylphthalate
 Concen: 37.911 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:149 Resp: 1246703

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.5	3.9	5.9

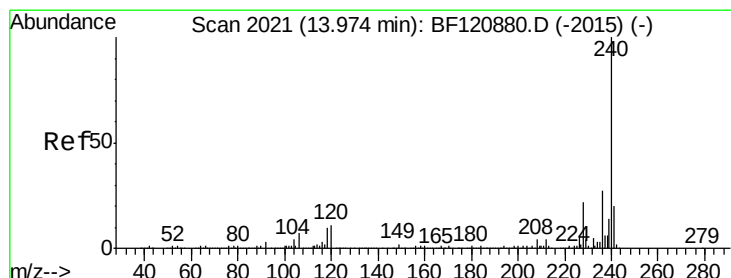
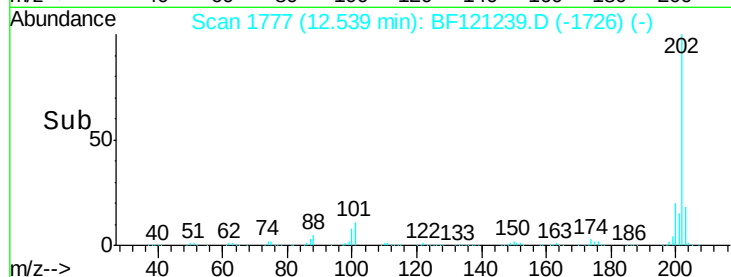
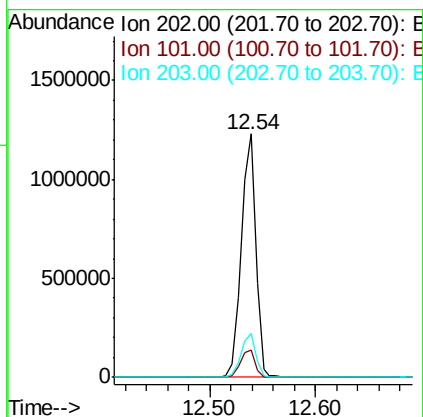
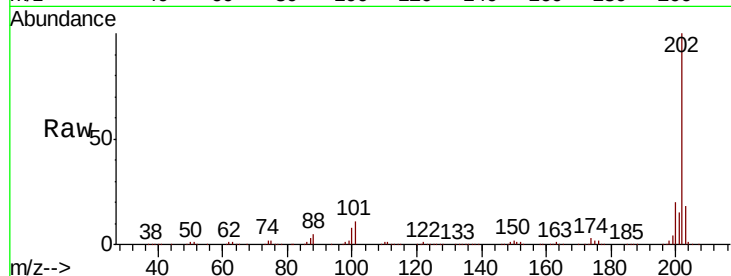




#75
 Fluoranthene
 Concen: 36.301 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

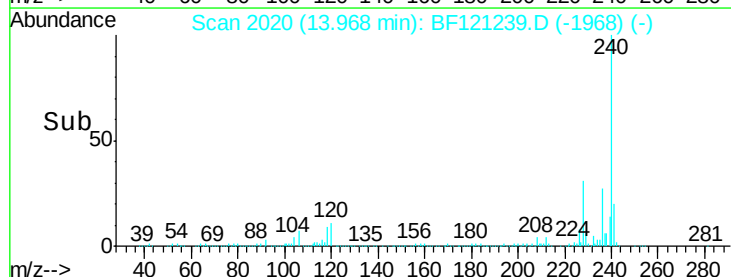
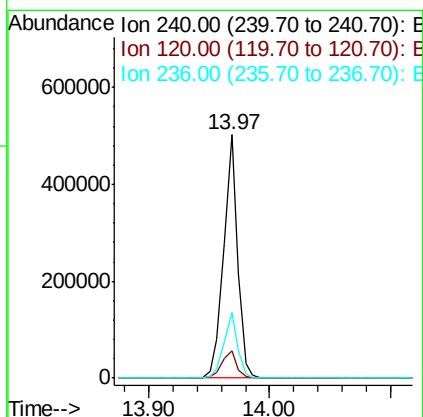
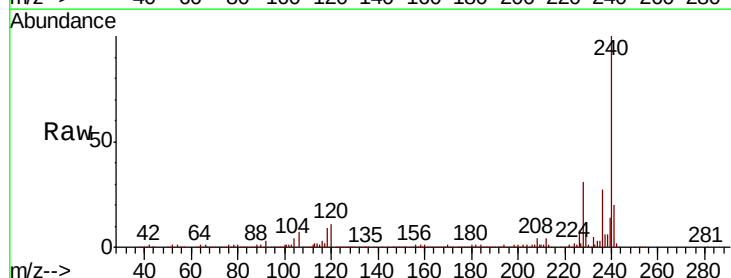
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

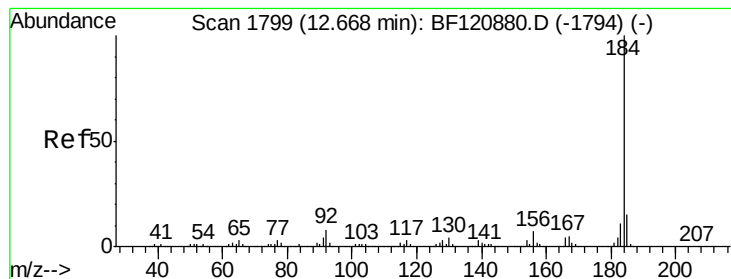
Tot Ion:202 Resp: 1150635
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.5
 203 18.1 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:240 Resp: 400514
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.3 13.9
 236 26.7 21.1 31.7





#77

Benzidine

Concen: 53.848 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

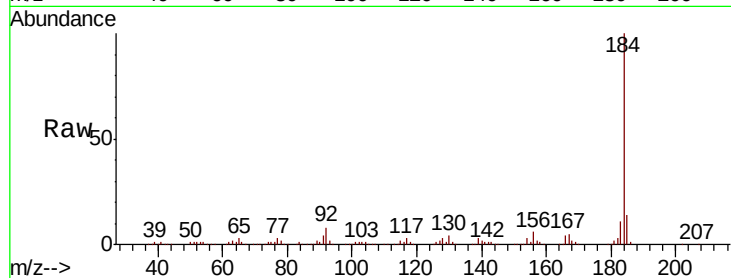
Tot Ion:184 Resp: 567035

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.1	18.1
183	11.2	9.0	13.4

184 100

185 14.2 12.1 18.1

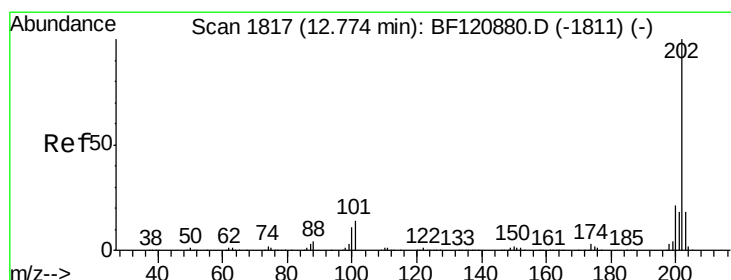
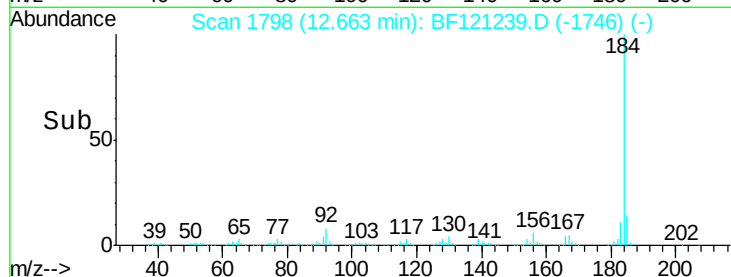
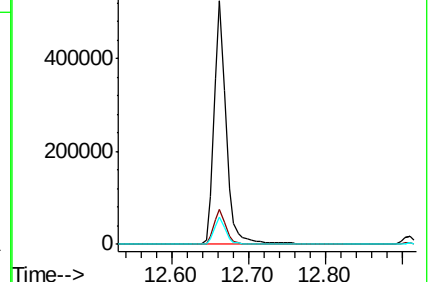
183 11.2 9.0 13.4



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: 41.158 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

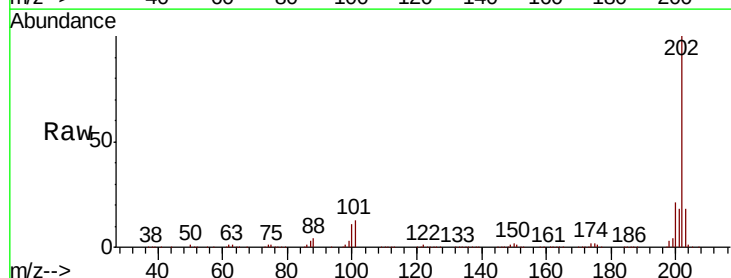
Tgt Ion:202 Resp: 1165451

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	18.1	14.6	21.8

202 100

200 21.2 17.0 25.6

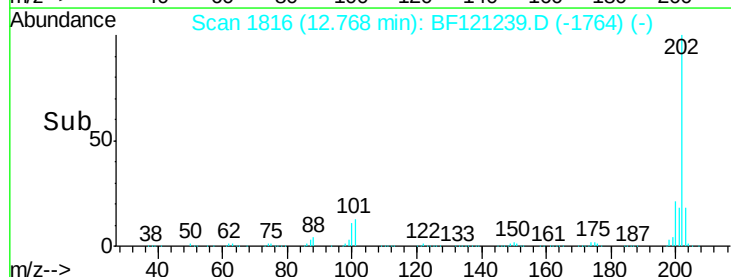
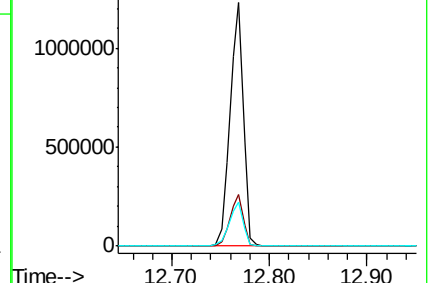
203 18.1 14.6 21.8

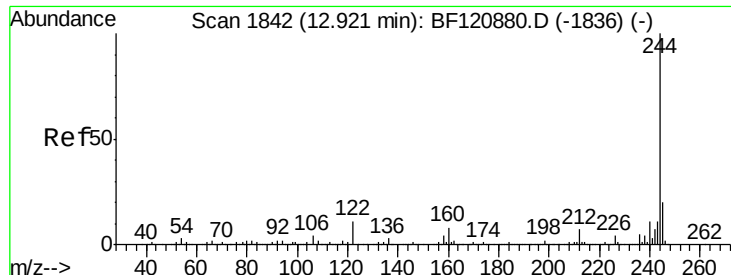


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

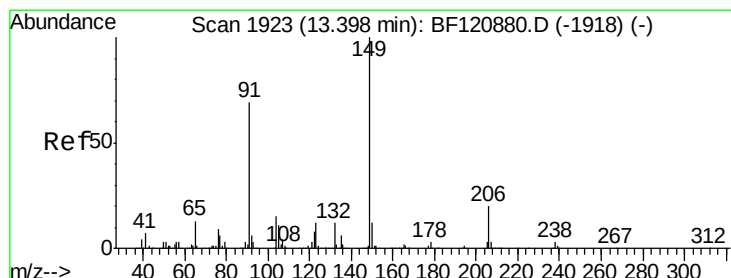
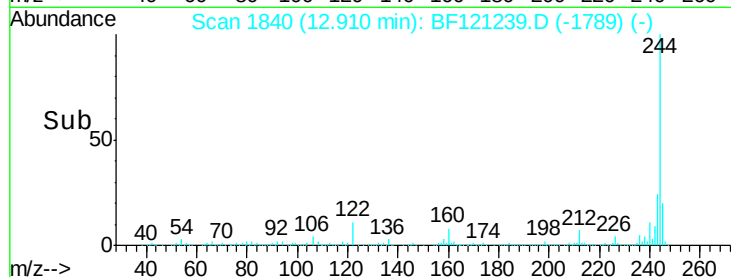
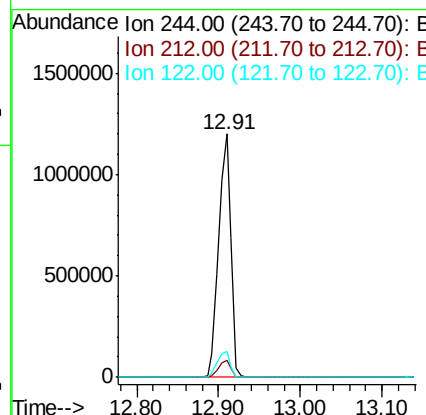
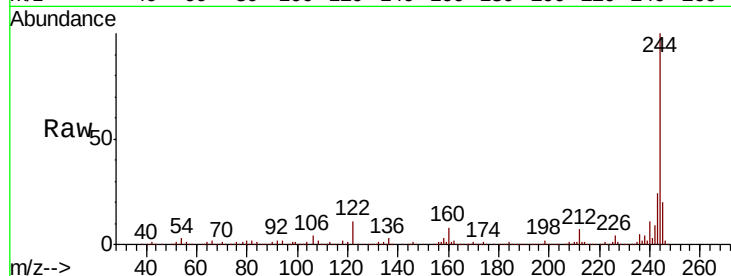




#79
 Terphenyl-d14
 Concen: 68.608 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

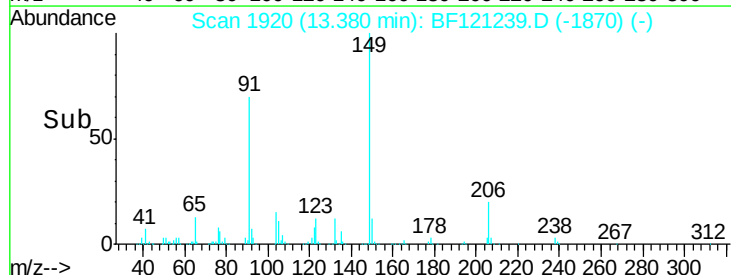
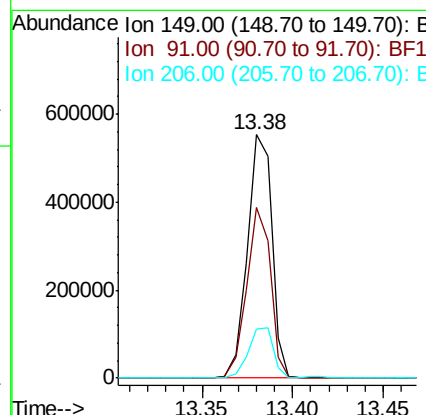
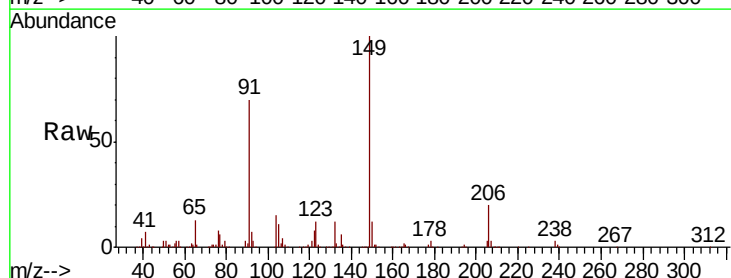
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

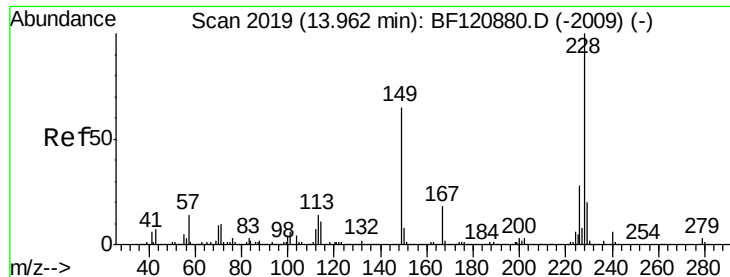
Tot Ion:244 Resp: 1264076
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.355 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:149 Resp: 522025
 Ion Ratio Lower Upper
 149 100
 91 69.9 51.4 77.0
 206 20.0 17.9 26.9

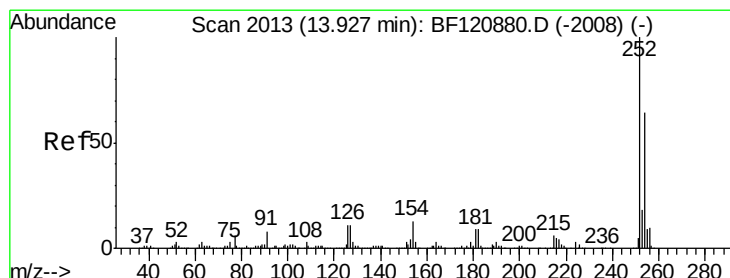
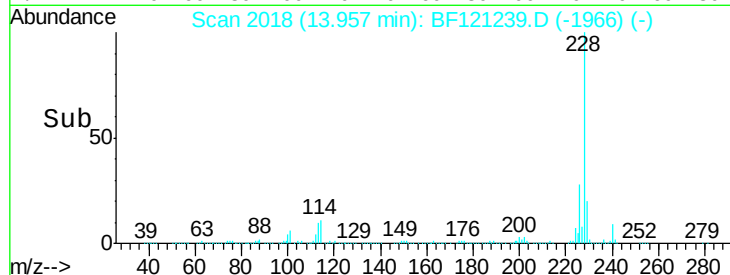
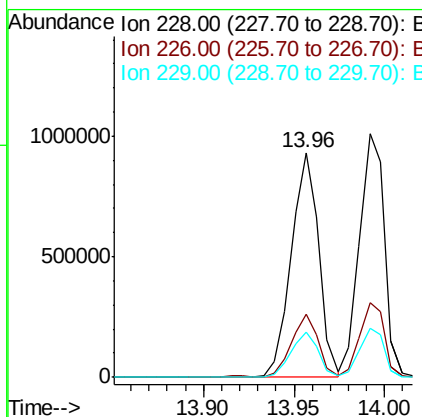
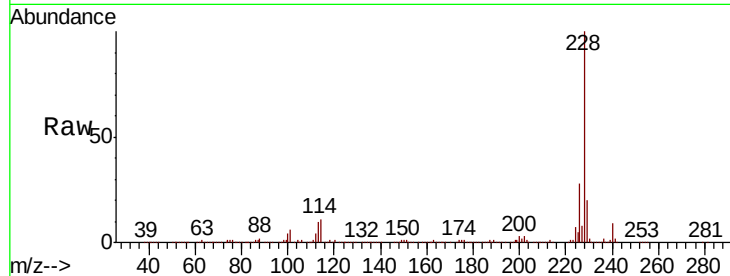




#81
Benzo(a)anthracene
Concen: 40.966 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

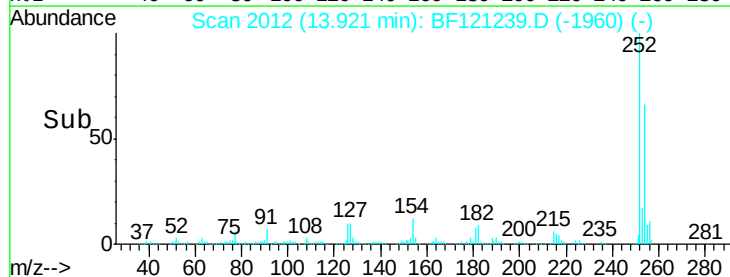
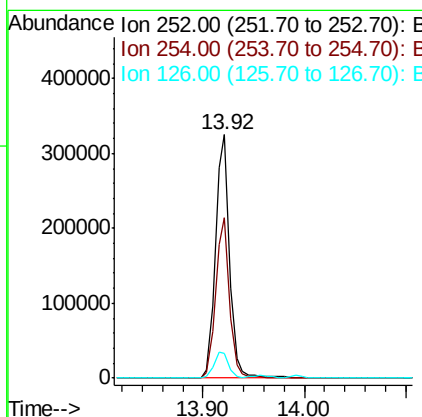
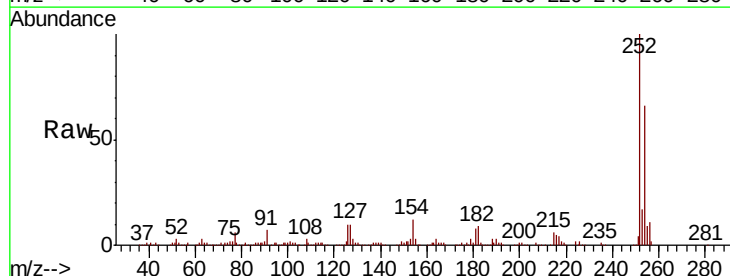
Instrument :
BNA_F
ClientSampleId :
PB130878BS

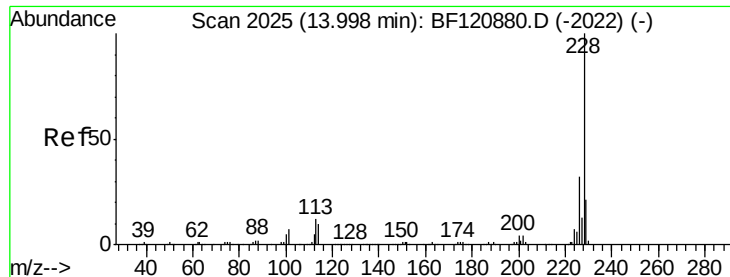
Tot Ion:228 Resp: 993550
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.439 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:252 Resp: 315121
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 10.2 9.2 13.8





#83

Chrysene

Concen: 38.305 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

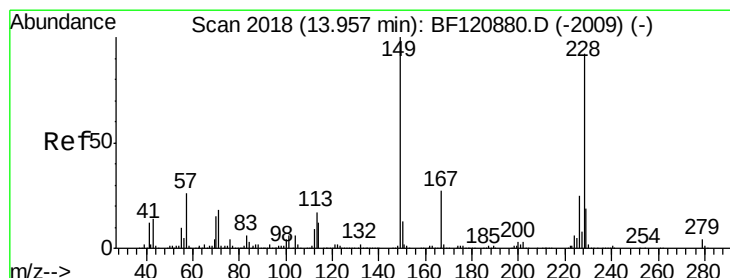
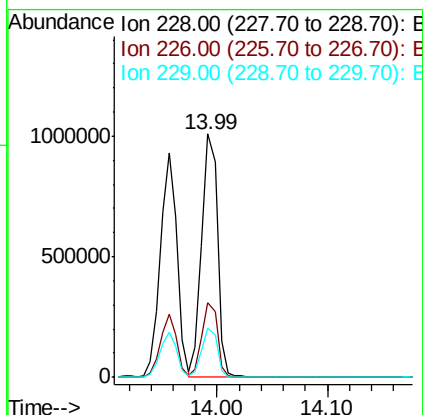
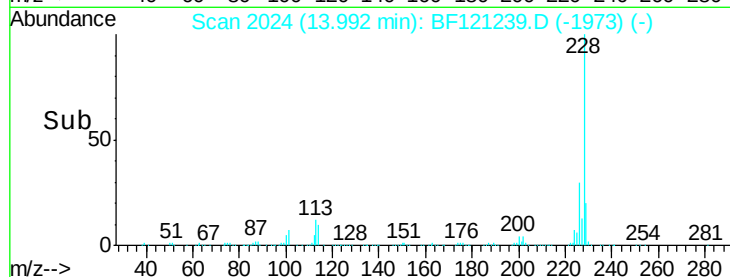
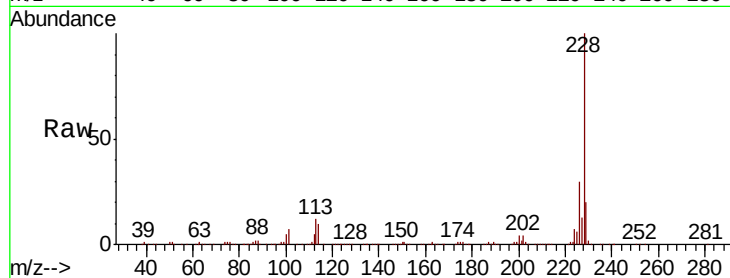
Tot Ion:228 Resp: 976291

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.344 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

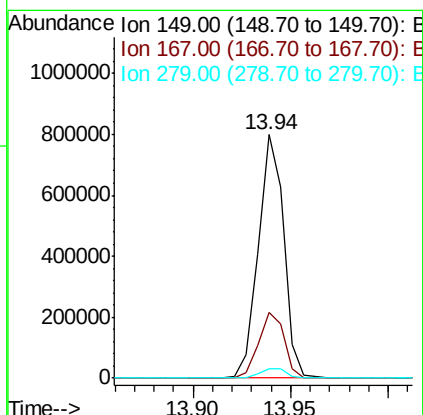
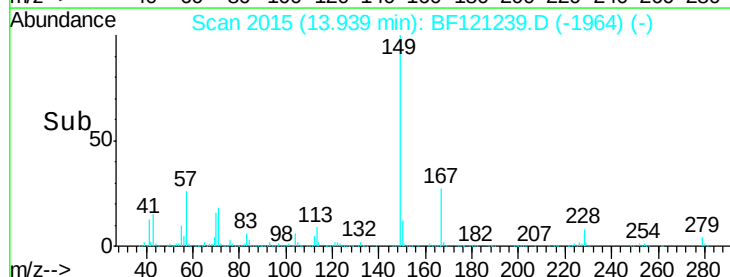
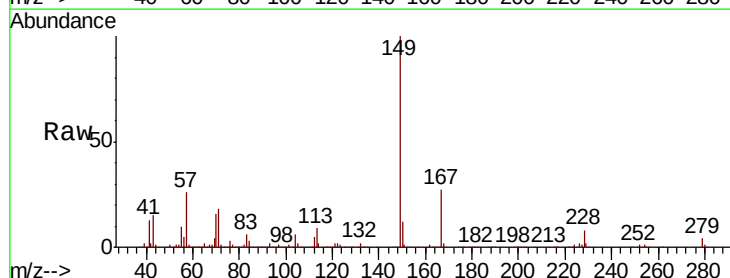
Tgt Ion:149 Resp: 721385

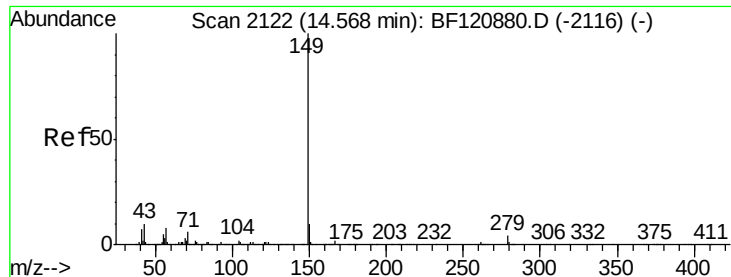
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.277 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

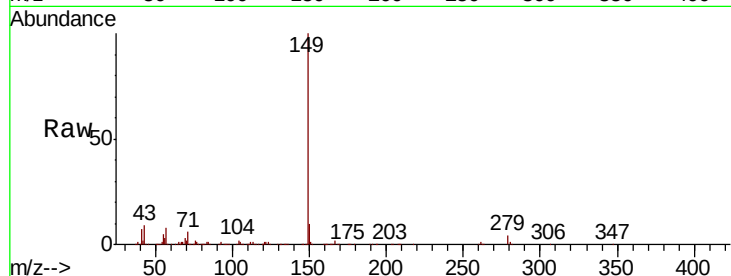
Tot Ion:149 Resp: 1216329

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

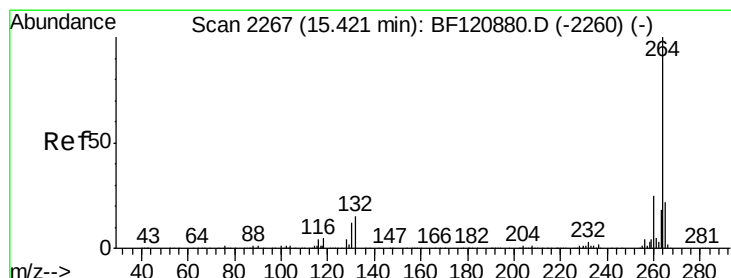
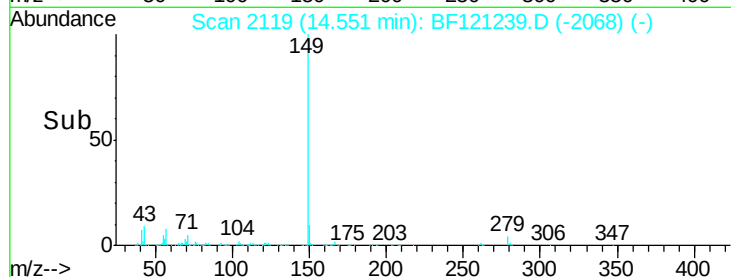
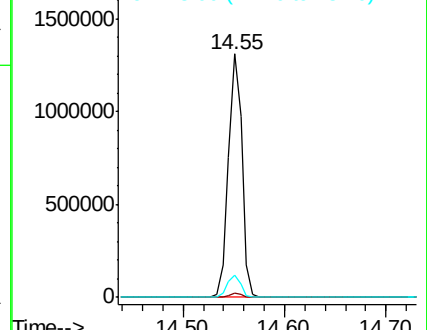
43 8.9 7.5 11.3



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: BF121239.D

Acq: 11 Aug 2020 14:39

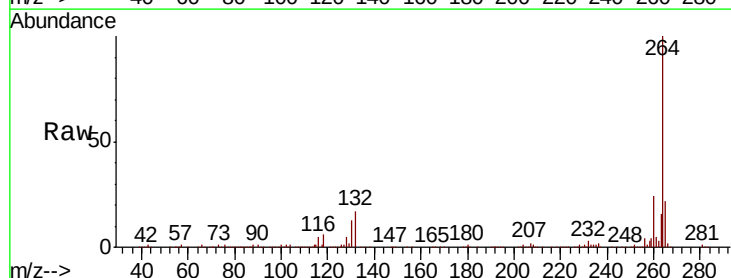
Tgt Ion:264 Resp: 386407

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

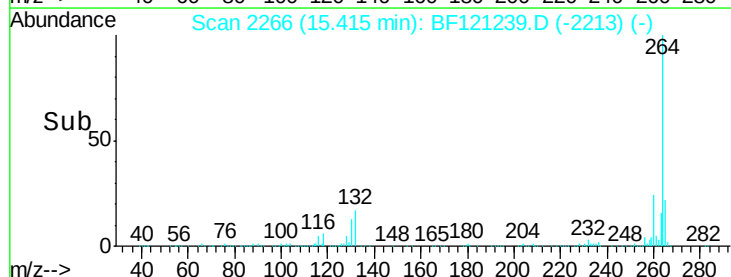
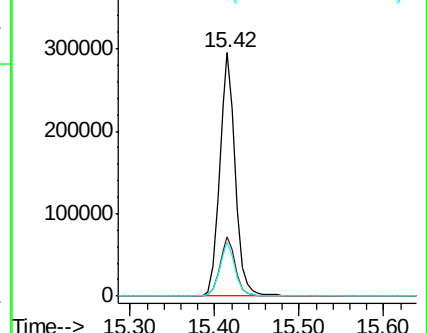
265 22.3 17.8 26.8

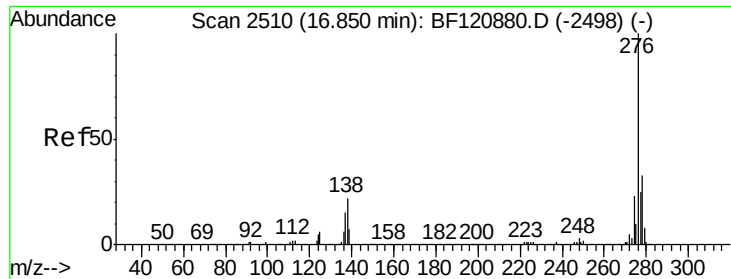


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

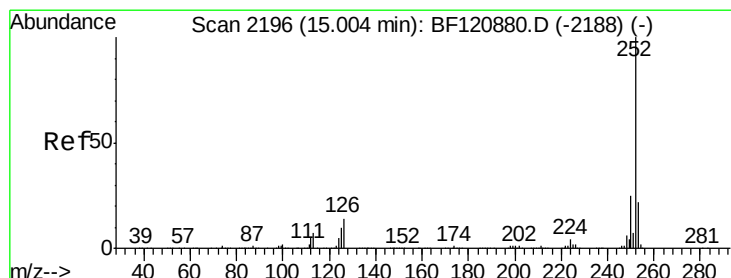
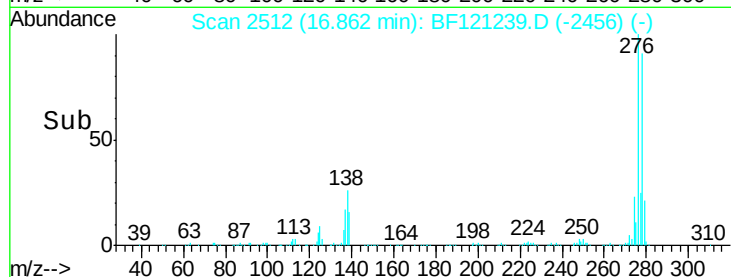
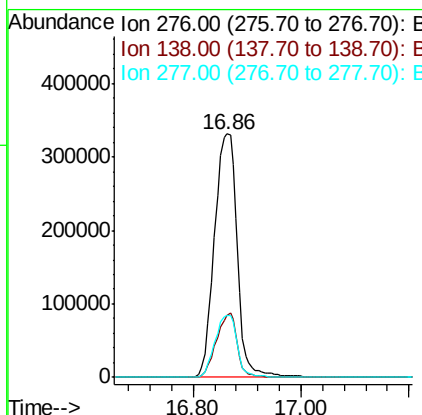
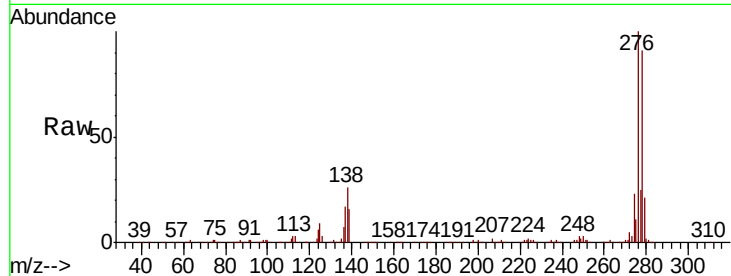




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.700 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

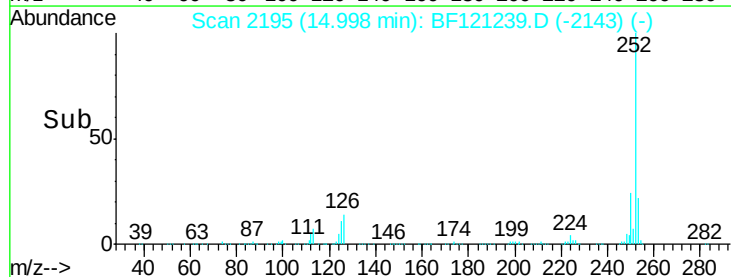
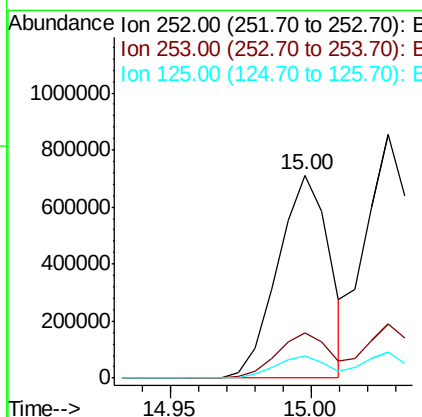
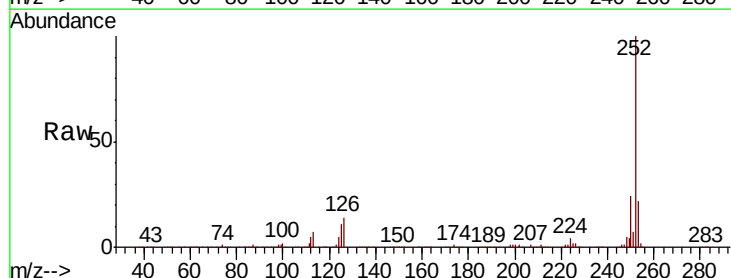
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

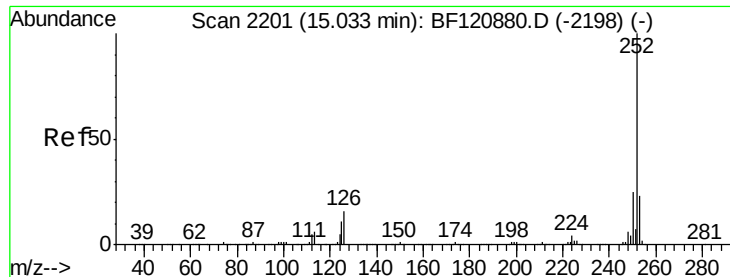
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.1	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 38.800 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.6	8.1	12.1

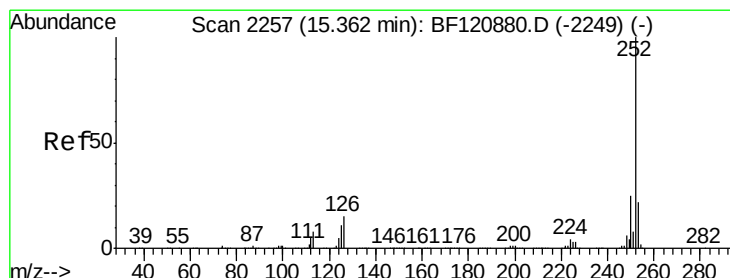
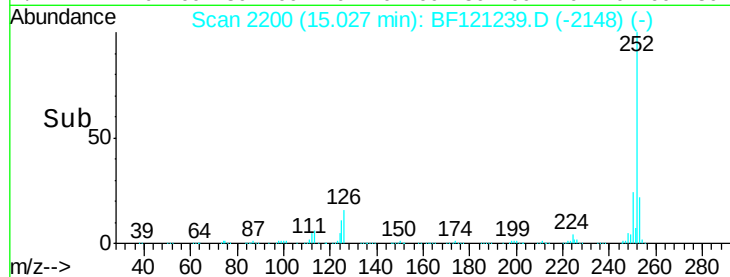
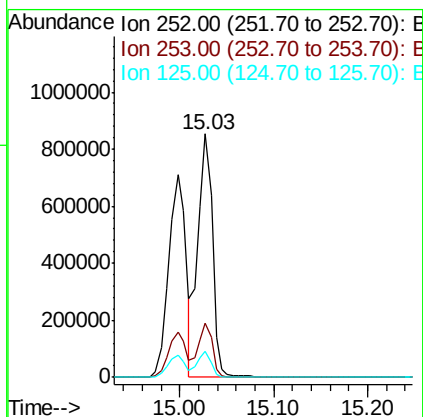
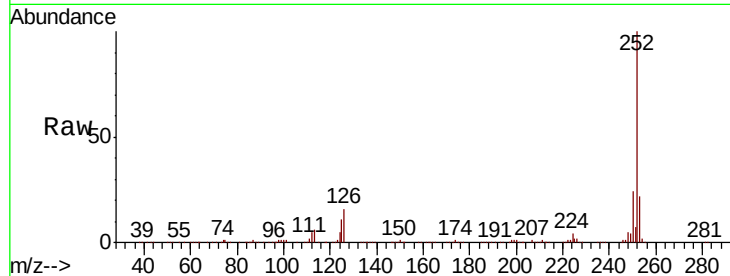




#89
Benzo(k)fluoranthene
Concen: 43.355 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

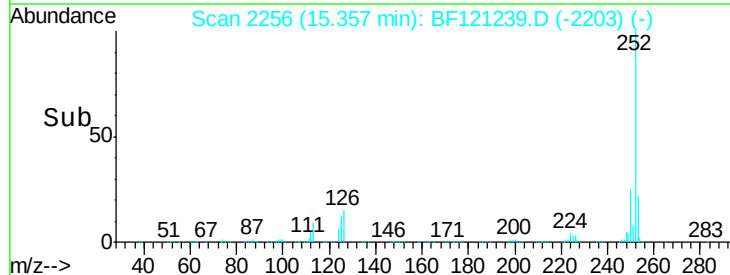
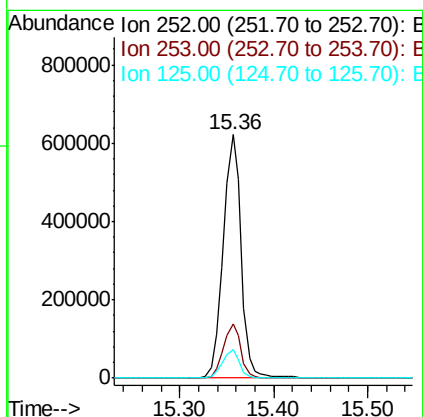
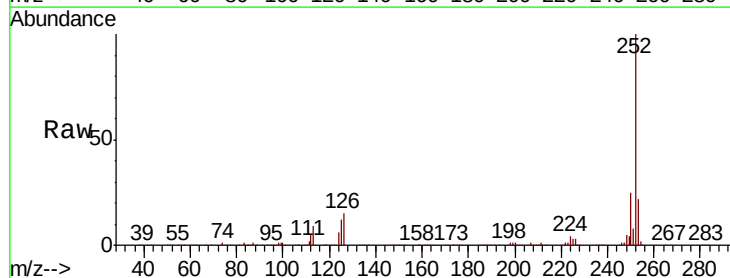
Instrument :
BNA_F
ClientSampleId :
PB130878BS

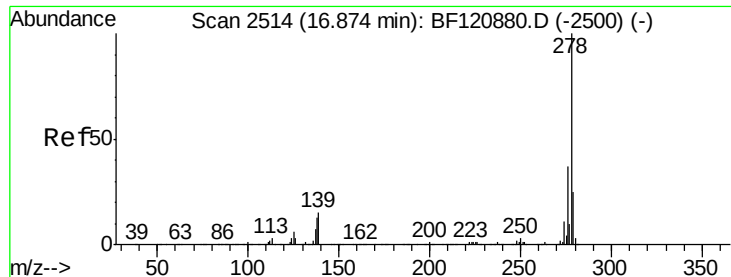
Tot Ion:252 Resp: 923520
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 38.845 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:252 Resp: 827784
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.659 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.02 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

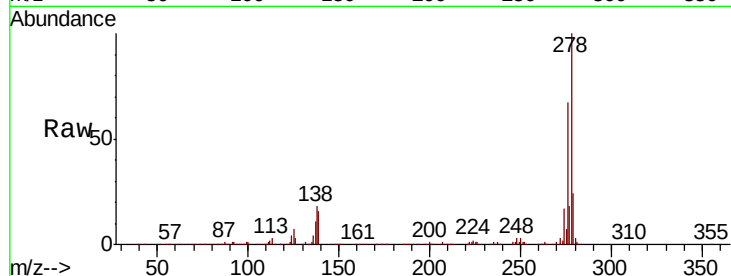
Tot Ion:278 Resp: 826670

Ion Ratio Lower Upper

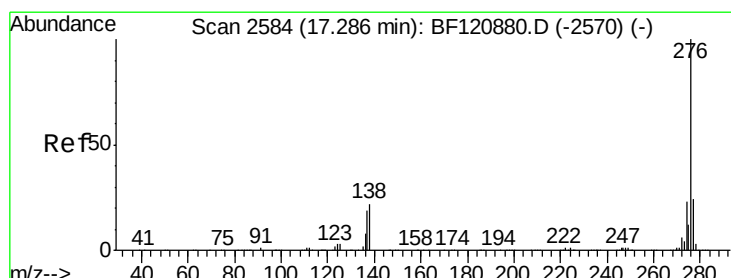
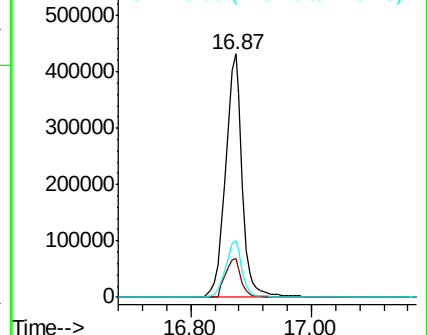
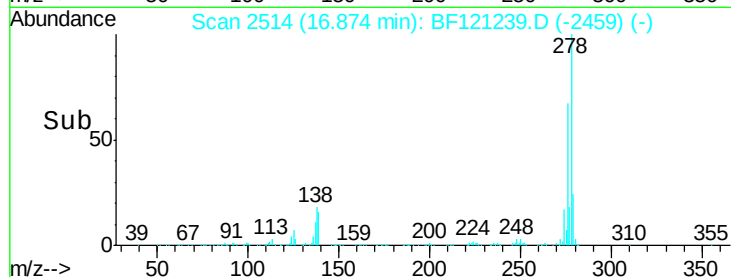
278 100

139 16.0 12.6 18.8

279 23.5 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: 38.168 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.03 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

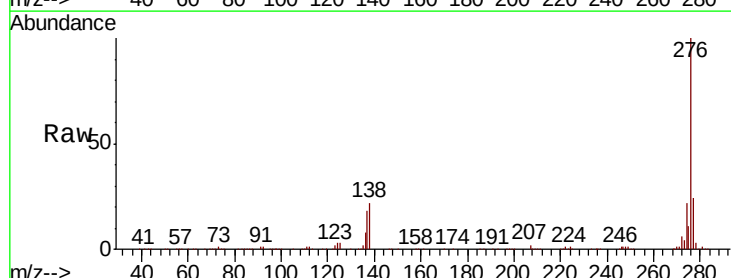
Tgt Ion:276 Resp: 826104

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 21.5 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

