

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120291.D
 Acq On : 14 May 2020 15:31
 Operator : MA/SJ
 Sample : PB128891BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Quant Time: May 14 16:38:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	325561	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1307014	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	663381	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1244496	20.00	ng	0.00
76) Chrysene-d12	13.79	240	808012	20.00	ng	0.00
87) Perylene-d12	15.17	264	737496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2034494	121.59	ng	0.01
7) Phenol-d6	6.28	99	2556801	120.83	ng	0.00
23) Nitrobenzene-d5	7.20	82	1651531	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	662811	122.54	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2953539	91.47	ng	0.00
79) Terphenyl-d14	12.73	244	3062033	83.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	307640	46.220	ng	99
3) Pyridine	2.95	79	667126	31.885	ng	97
4) n-Nitrosodimethylamine	2.90	42	337315	41.173	ng	99
6) Aniline	6.29	93	664666	24.562	ng	# 72
8) 2-Chlorophenol	6.41	128	828977	42.491	ng	99
9) Benzaldehyde	6.17	77	528211	40.494	ng	98
10) Phenol	6.29	94	996554	40.346	ng	85
11) bis(2-Chloroethyl)ether	6.36	93	761611	38.600	ng	97
12) 1,3-Dichlorobenzene	6.56	146	819033	39.233	ng	98
13) 1,4-Dichlorobenzene	6.64	146	857744	39.893	ng	99
14) 1,2-Dichlorobenzene	6.79	146	765427	39.532	ng	99
15) Benzyl Alcohol	6.78	79	626083	41.649	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1253219	40.304	ng	99
17) 2-Methylphenol	6.90	107	660661	40.114	ng	97
18) Hexachloroethane	7.13	117	319383	38.992	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	564632	40.732	ng	94
20) 3+4-Methylphenols	7.06	107	853199	39.845	ng	98
22) Acetophenone	7.04	105	1110318	41.467	ng	98
24) Nitrobenzene	7.21	77	848580	41.304	ng	96
25) Isophorone	7.45	82	1594470	40.143	ng	99
26) 2-Nitrophenol	7.53	139	451119	41.985	ng	90
27) 2,4-Dimethylphenol	7.58	122	718399	45.962	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	1046365	41.912	ng	99
29) 2,4-Dichlorophenol	7.78	162	674228	42.000	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	714096	40.142	ng	98
31) Naphthalene	7.93	128	2381304	43.169	ng	99
32) Benzoic acid	7.73	122	407981	39.821	ng	100
33) 4-Chloroaniline	7.99	127	321700	12.797	ng	98
34) Hexachlorobutadiene	8.05	225	405494	39.437	ng	97
35) Caprolactam	8.36	113	123100	23.440	ng	96
36) 4-Chloro-3-methylphenol	8.49	107	736019	42.383	ng	99
37) 2-Methylnaphthalene	8.62	142	1577388	41.786	ng	98
38) 1-Methylnaphthalene	8.72	142	1517580	41.450	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	705919	42.201	ng	99

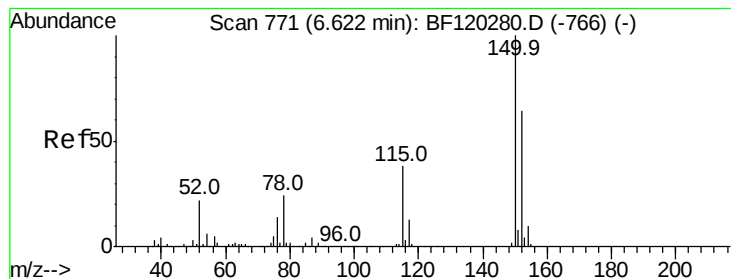
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	598242	86.145	ng	100
43) 2,4,6-Trichlorophenol	8.91	196	462913	41.228	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	491586	38.123	ng	99
46) 1,1'-Biphenyl	9.09	154	1917897	44.125	ng	100
47) 2-Chloronaphthalene	9.11	162	1427139	40.932	ng	99
48) 2-Nitroaniline	9.22	65	506787	39.838	ng	99
49) Acenaphthylene	9.53	152	2239820	42.055	ng	100
50) Dimethylphthalate	9.40	163	1686985	40.228	ng	99
51) 2,6-Dinitrotoluene	9.46	165	381226	40.731	ng	85
52) Acenaphthene	9.70	154	1319280	41.326	ng	100
53) 3-Nitroaniline	9.63	138	181877	16.295	ng	98
54) 2,4-Dinitrophenol	9.74	184	334468	75.706	ng	96
55) Dibenzofuran	9.87	168	1933165	42.051	ng	99
56) 4-Nitrophenol	9.82	139	454884	75.849	ng	90
57) 2,4-Dinitrotoluene	9.87	165	451944	41.164	ng	98
58) Fluorene	10.22	166	1496491	42.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	407719	42.015	ng	98
60) Diethylphthalate	10.10	149	1672688	41.316	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	730042	40.105	ng	98
62) 4-Nitroaniline	10.25	138	395752	38.078	ng	99
63) Azobenzene	10.37	77	1629317	42.582	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	259899	41.294	ng	92
66) n-Nitrosodiphenylamine	10.33	169	1391494	40.415	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	462485	38.297	ng	98
68) Hexachlorobenzene	10.76	284	499245	39.517	ng	99
69) Atrazine	10.86	200	393727	38.217	ng	99
70) Pentachlorophenol	10.96	266	402846	74.972	ng	100
71) Phenanthrene	11.17	178	2117642	40.495	ng	99
72) Anthracene	11.22	178	2341684	41.829	ng	100
73) Carbazole	11.39	167	2100165	40.150	ng	99
74) Di-n-butylphthalate	11.72	149	2643994	41.941	ng	99
75) Fluoranthene	12.36	202	2361449	42.131	ng	99
77) Benzidine	12.49	184	911778	38.642	ng	97
78) Pyrene	12.59	202	2381158	41.337	ng	99
80) Butylbenzylphthalate	13.21	149	1079045	39.781	ng	99
81) Benzo(a)anthracene	13.77	228	1728795	40.566	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	375635	23.389	ng	99
83) Chrysene	13.82	228	1834444	40.086	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1390218	41.195	ng	100
85) Di-n-octyl phthalate	14.39	149	2533751	41.735	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	1597629	38.465	ng	100
88) Benzo(b)fluoranthene	14.79	252	1715966	42.605	ng	98
89) Benzo(k)fluoranthene	14.82	252	1501681	43.035	ng	100
90) Benzo(a)pyrene	15.12	252	1448679	40.106	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1342868	41.965	ng	100
92) Benzo(g,h,i)perylene	16.90	276	1356659	42.043	ng	99

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

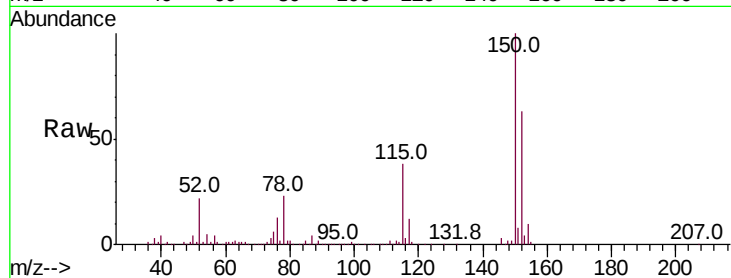


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	59.7	47.9	71.9

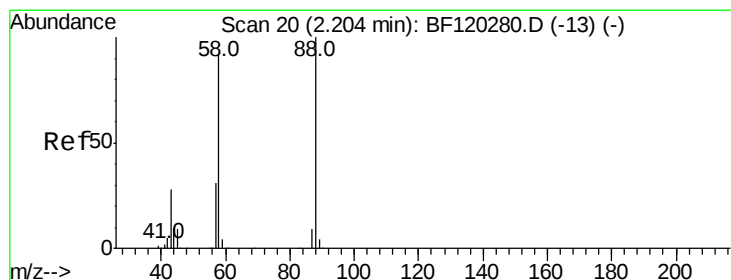
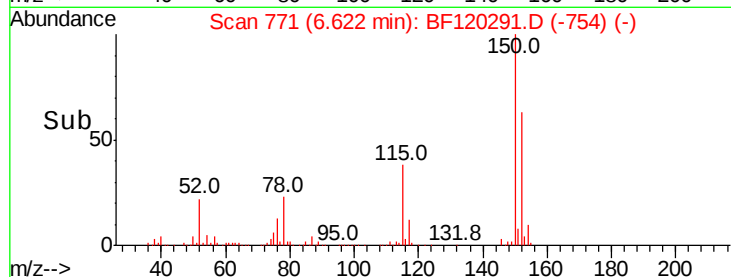
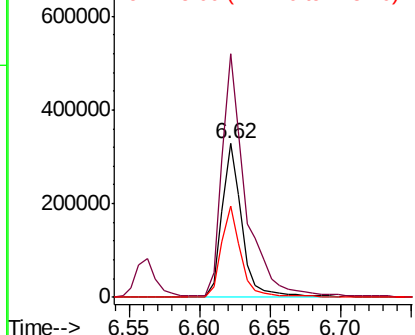


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

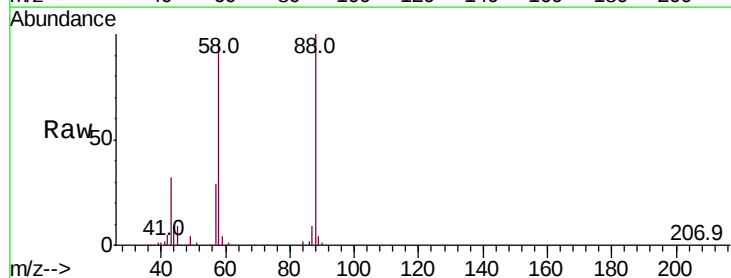
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.220 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	75.8	113.6
43	28.4	23.6	35.4

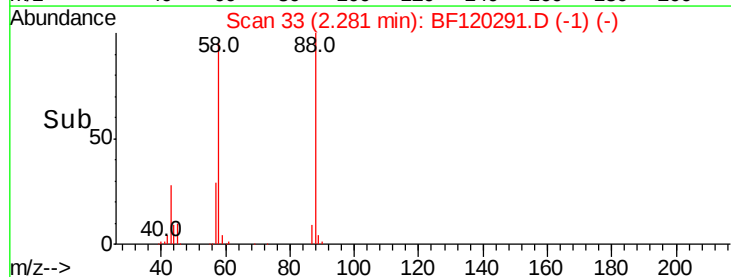
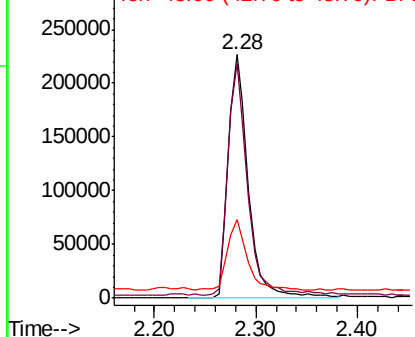


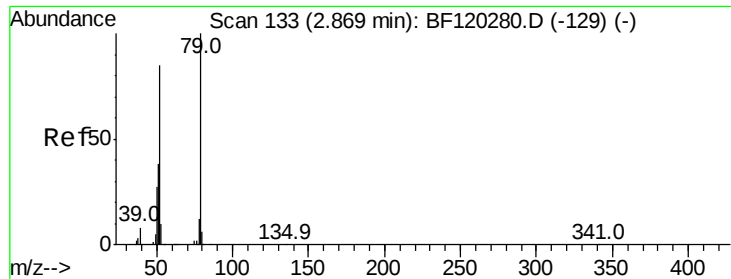
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.885 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.08 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

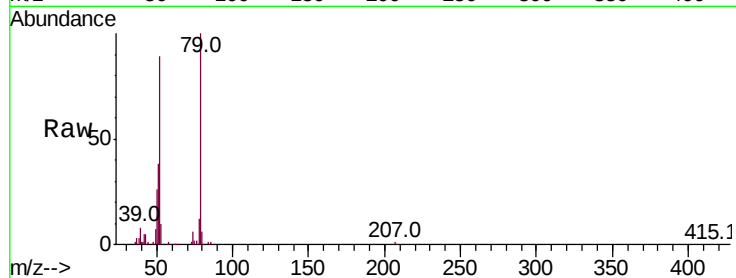
Tot Ion: 79 Resp: 667126

Ion Ratio Lower Upper

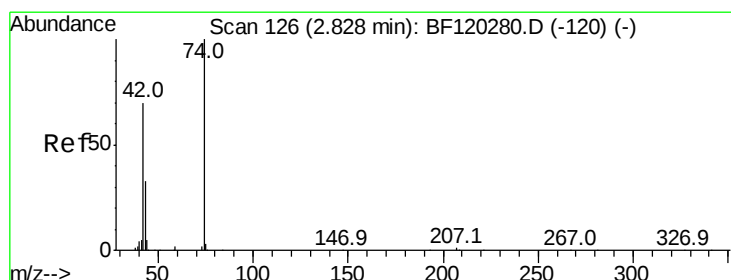
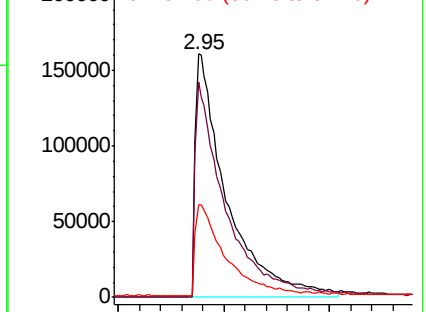
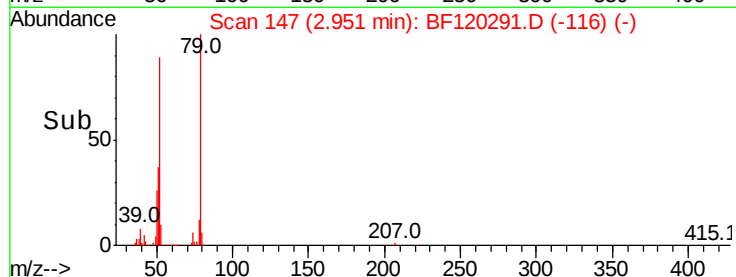
79 100

52 88.7 68.4 102.6

51 37.9 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.173 ng

RT: 2.90 min Scan# 139

Delta R.T. 0.08 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

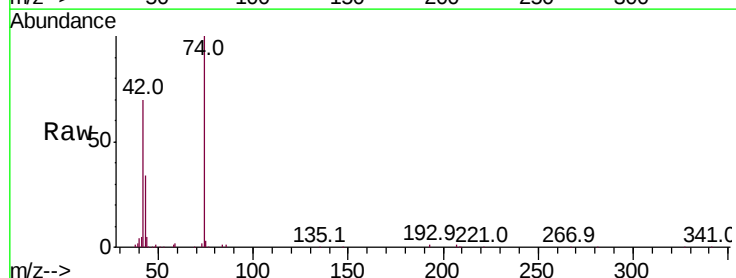
Tgt Ion: 42 Resp: 337315

Ion Ratio Lower Upper

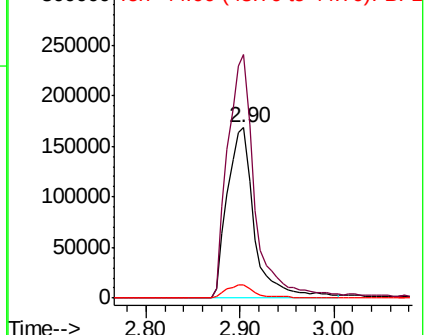
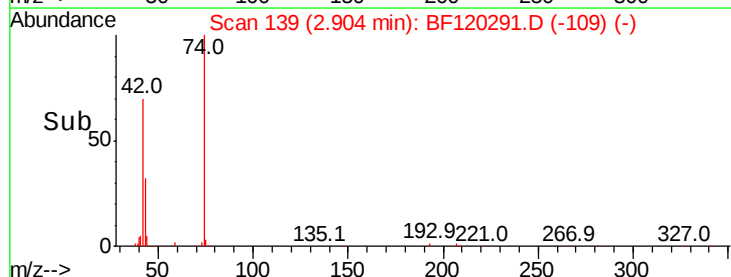
42 100

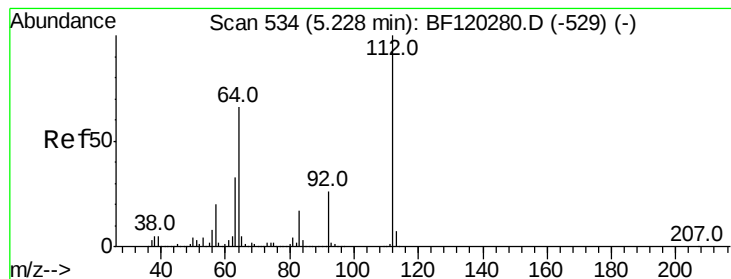
74 142.9 114.8 172.2

44 7.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.591 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

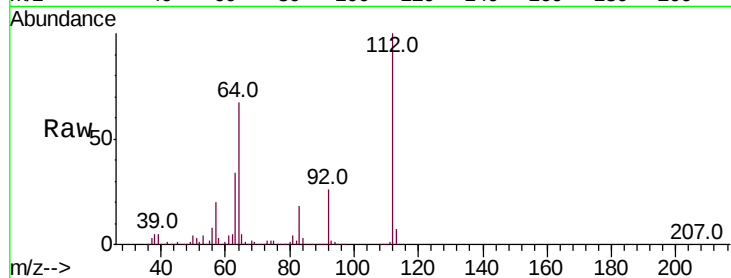
Tot Ion:112 Resp: 2034494

Ion Ratio Lower Upper

112 100

64 67.1 52.7 79.1

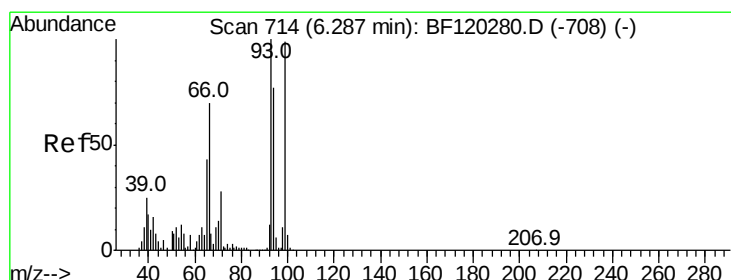
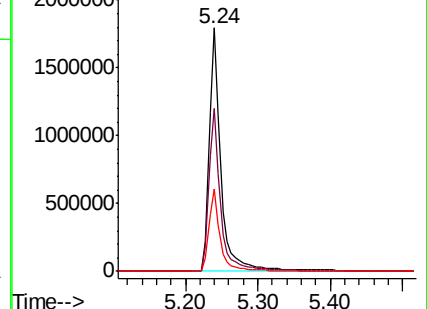
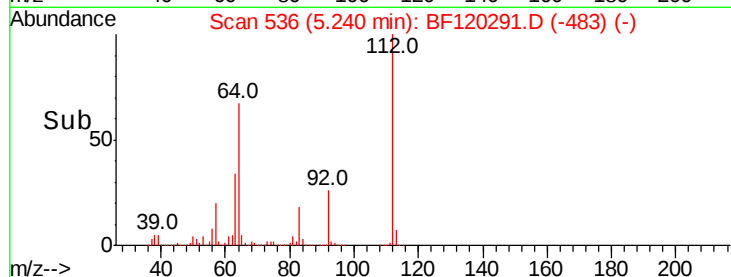
63 33.6 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.562 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

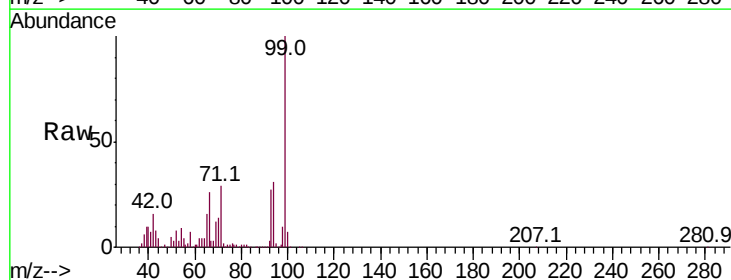
Tgt Ion: 93 Resp: 664666

Ion Ratio Lower Upper

93 100

66 96.4 56.2 84.4#

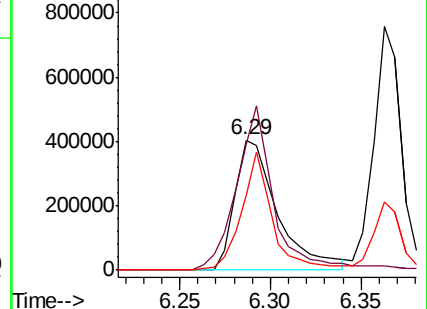
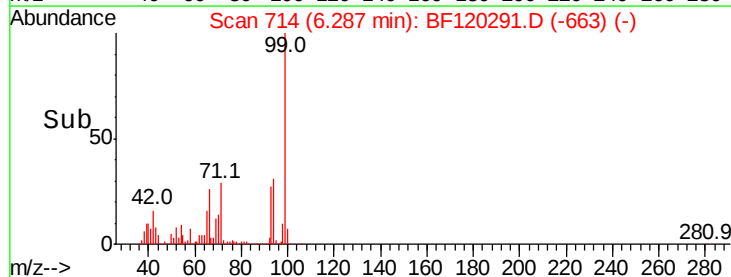
65 57.5 34.2 51.2#

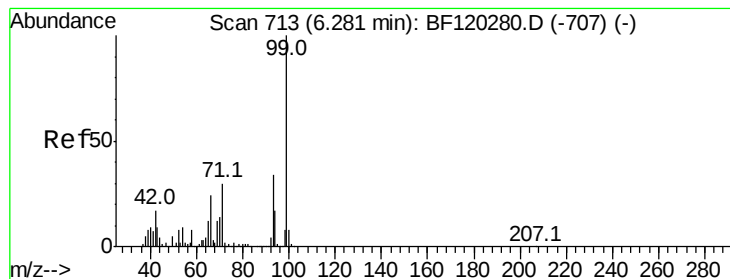


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.835 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

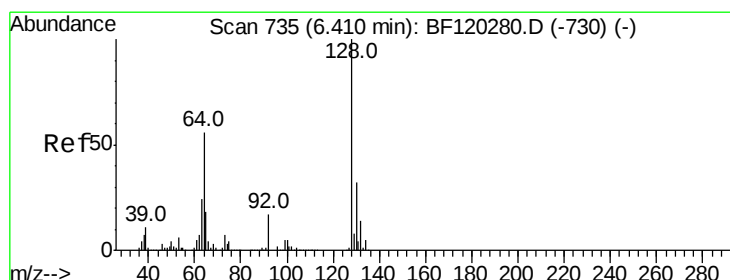
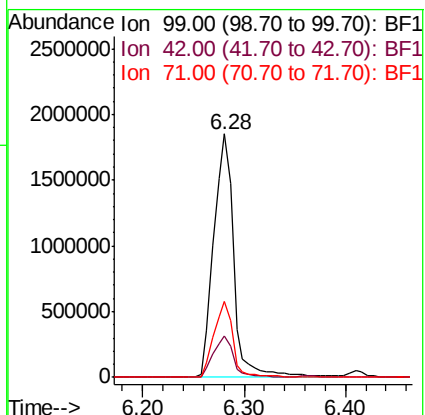
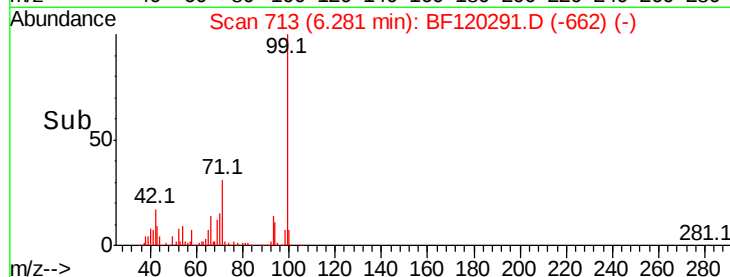
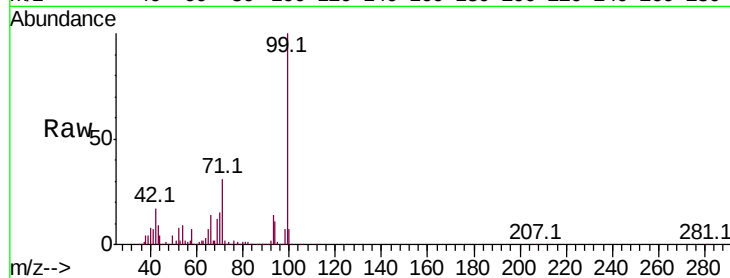
Tot Ion: 99 Resp: 2556801

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 31.0 24.2 36.4



#8

2-Chlorophenol

Concen: 42.491 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

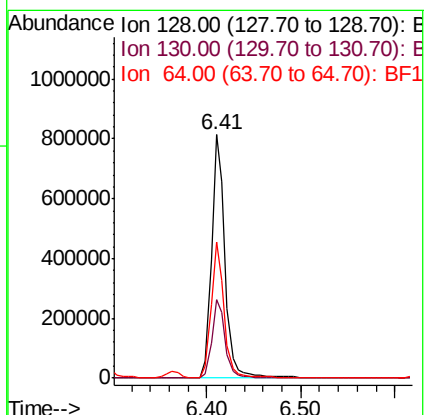
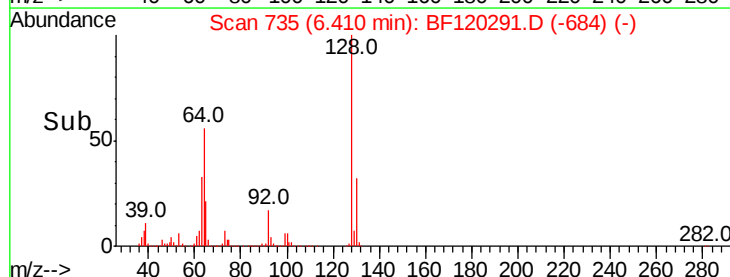
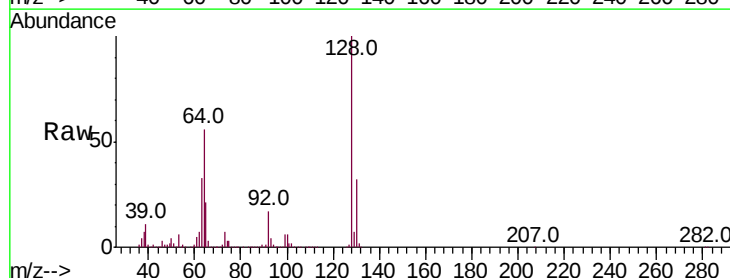
Tgt Ion:128 Resp: 828977

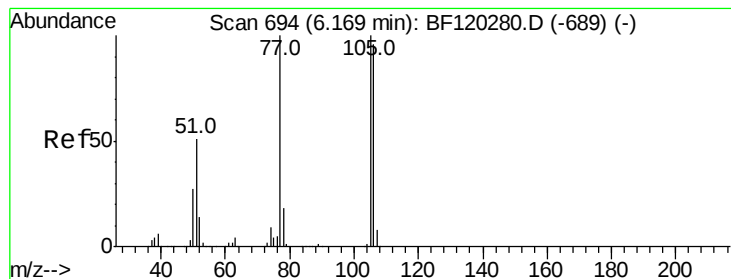
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 55.7 36.7 76.7





#9

Benzaldehyde

Concen: 40.494 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

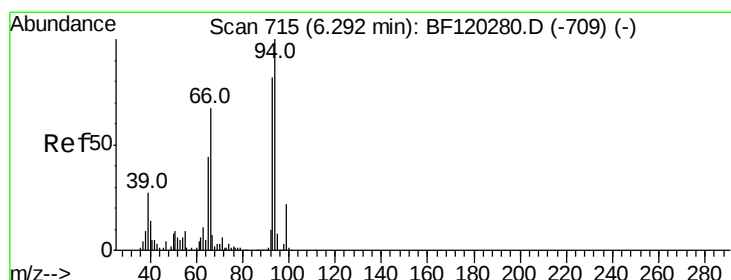
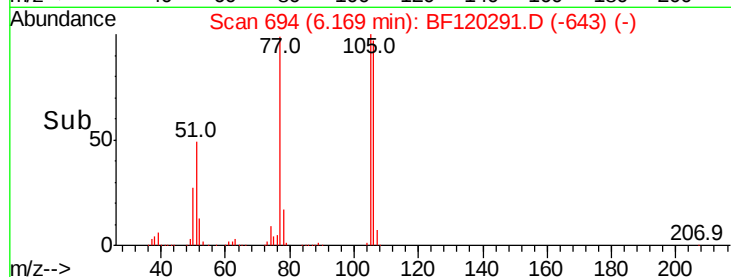
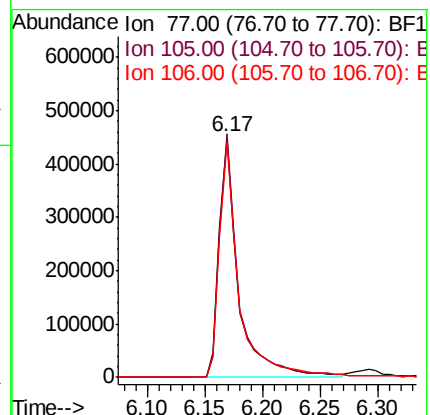
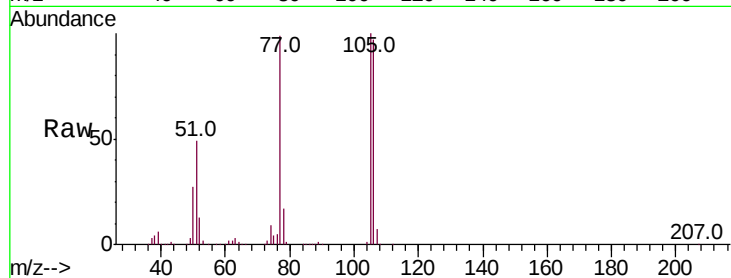
Tot Ion: 77 Resp: 528211

Ion Ratio Lower Upper

77 100

105 101.4 79.9 119.9

106 98.0 75.7 115.7



#10

Phenol

Concen: 40.346 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

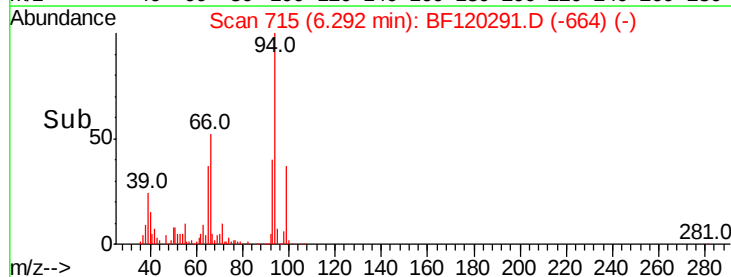
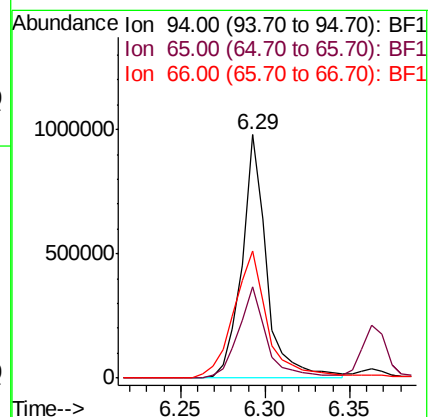
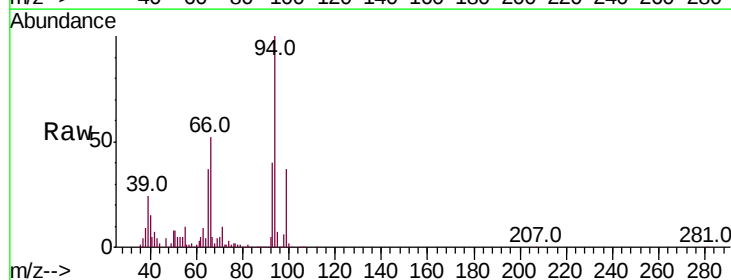
Tgt Ion: 94 Resp: 996554

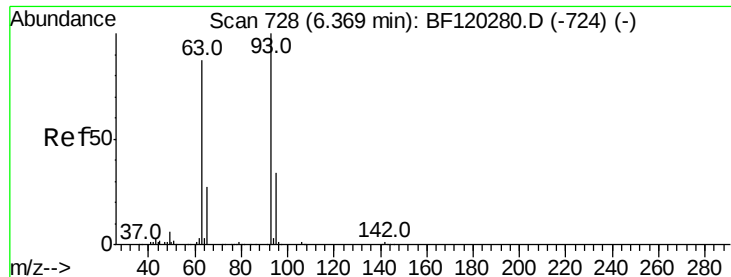
Ion Ratio Lower Upper

94 100

65 37.4 24.1 64.1

66 52.4 47.5 87.5

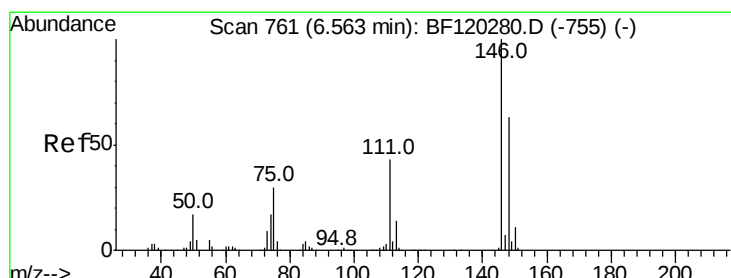
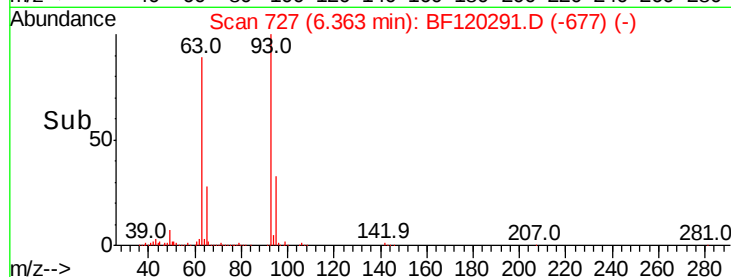
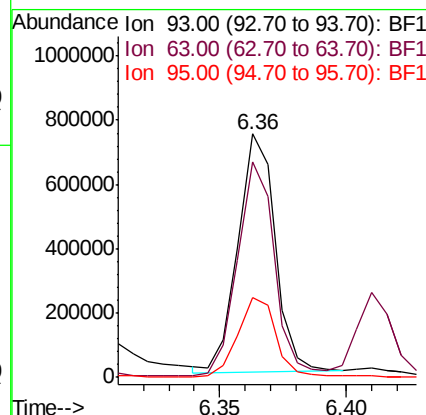
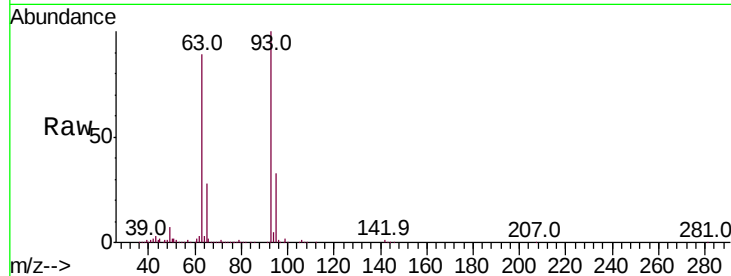




#11
bis(2-Chloroethyl)ether
Concen: 38.600 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

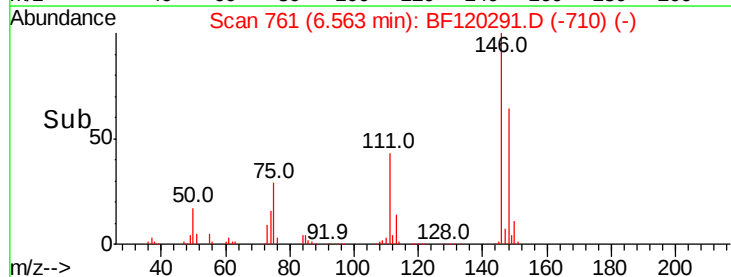
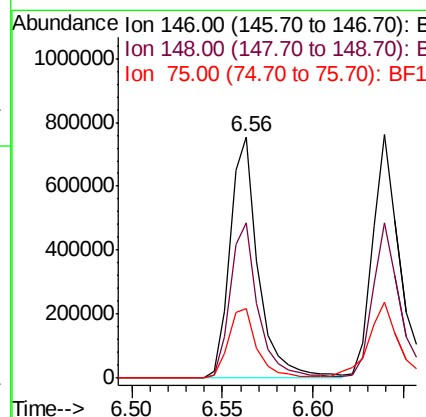
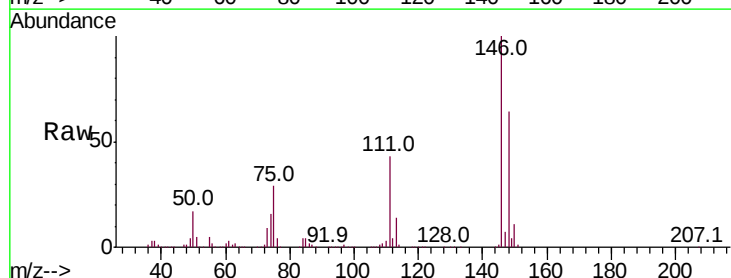
Instrument :
BNA_F
ClientSampleId :
PB128891BS

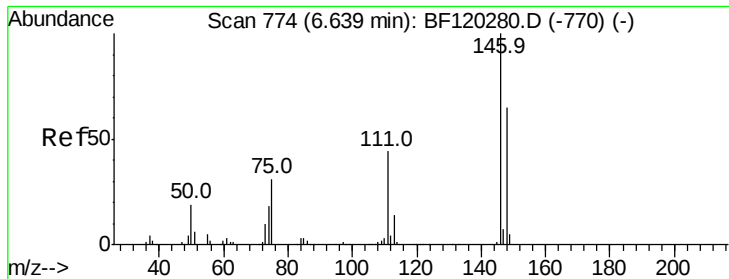
Tot Ion: 93 Resp: 761611
Ion Ratio Lower Upper
93 100
63 88.7 65.4 105.4
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.233 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion: 146 Resp: 819033
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 29.0 24.2 36.4

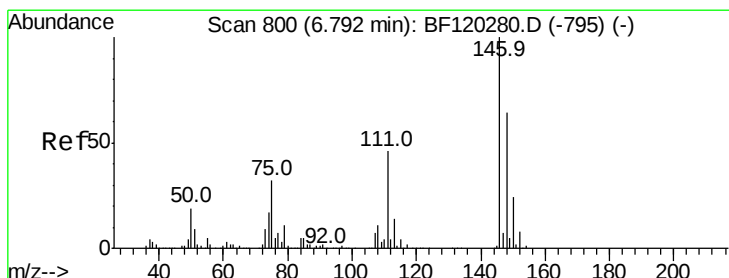
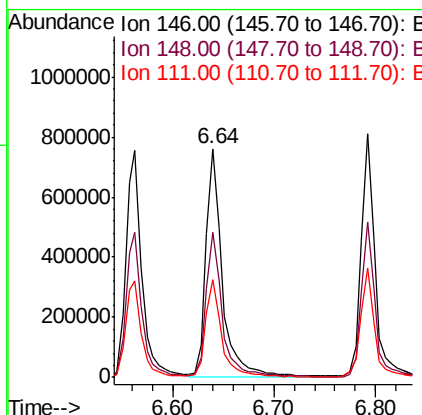
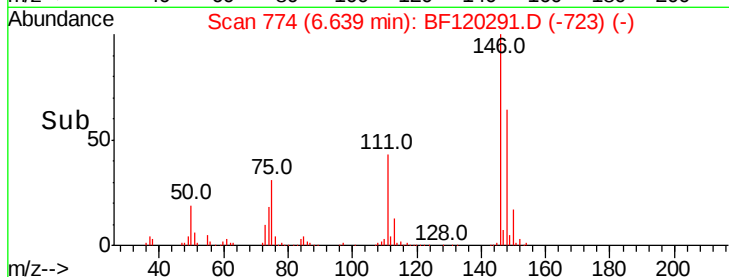
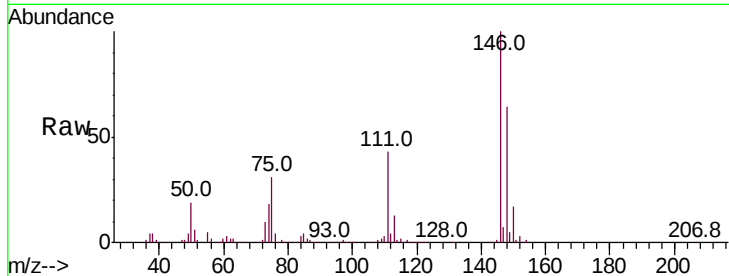




#13
 1,4-Dichlorobenzene
 Concen: 39.893 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

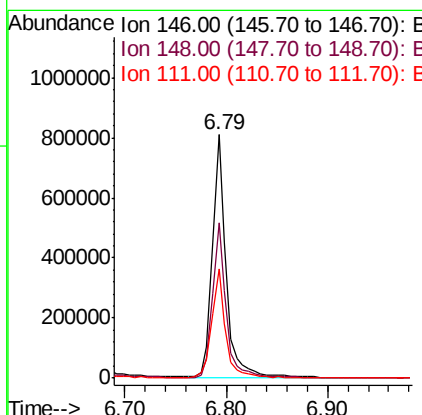
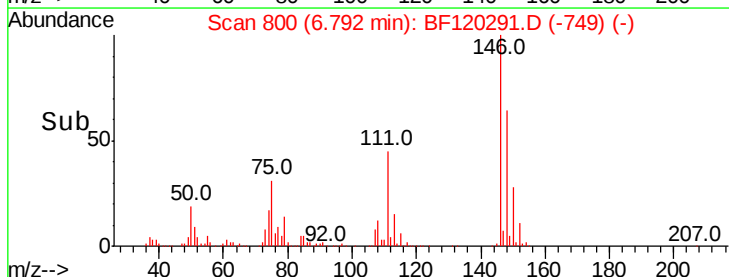
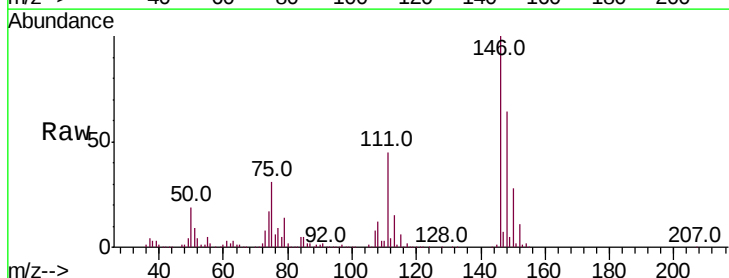
Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

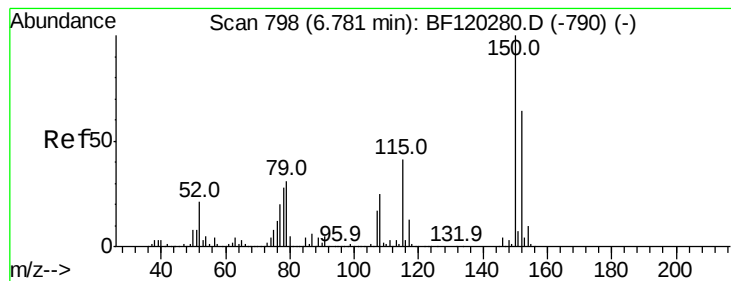
Tot Ion:146 Resp: 857744
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 42.7 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 39.532 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:146 Resp: 765427
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 45.0 36.6 55.0





#15

Benzyl Alcohol

Concen: 41.649 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

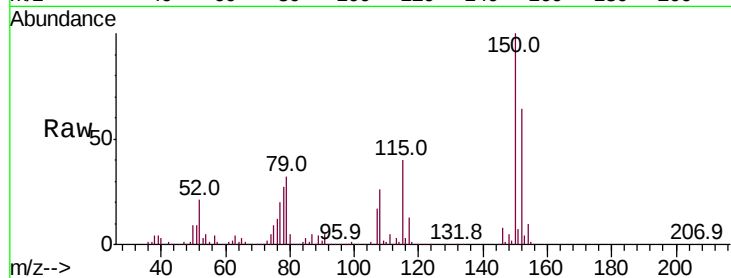
Tot Ion: 79 Resp: 626083

Ion Ratio Lower Upper

79 100

108 81.2 64.2 96.4

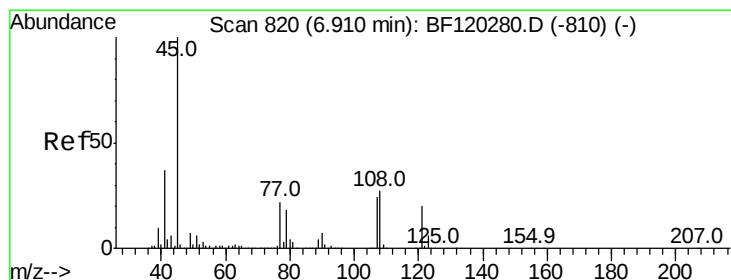
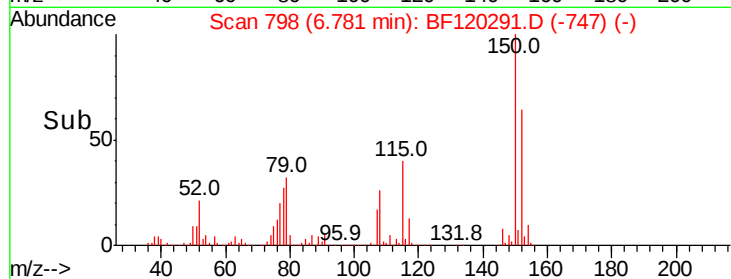
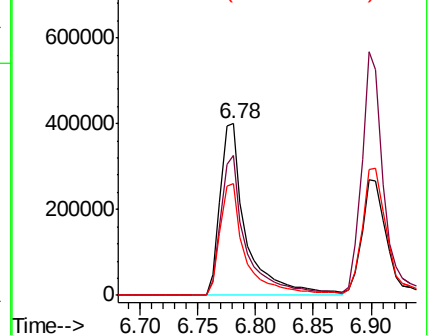
77 64.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.304 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

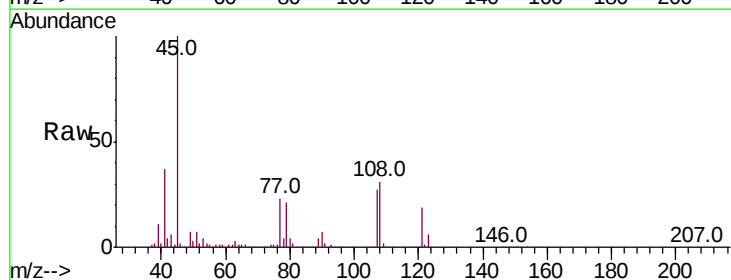
Tgt Ion: 45 Resp: 1253219

Ion Ratio Lower Upper

45 100

77 23.1 3.1 43.1

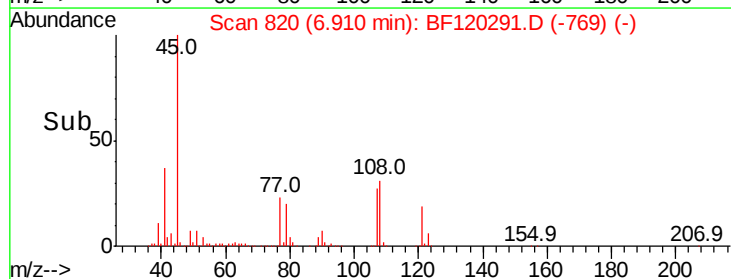
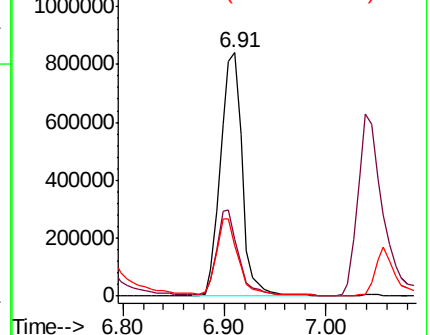
79 20.6 0.0 40.0

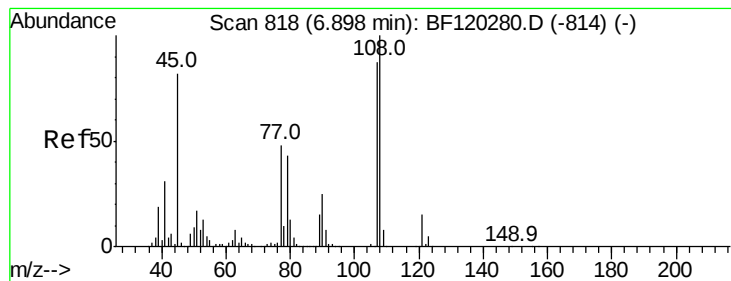


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.114 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:107 Resp: 660661

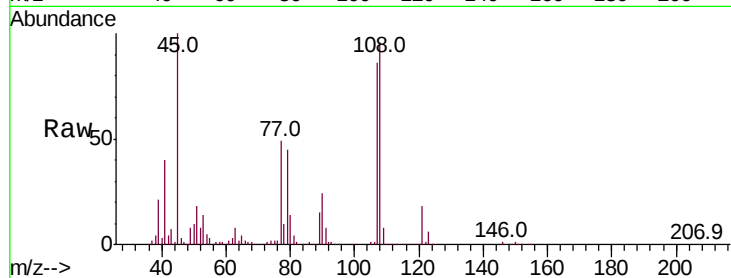
Ion Ratio Lower Upper

107 100

108 111.8 92.4 138.6

77 57.6 44.5 66.7

79 52.9 40.4 60.6

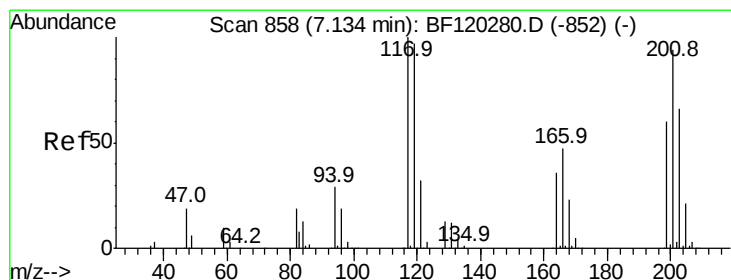
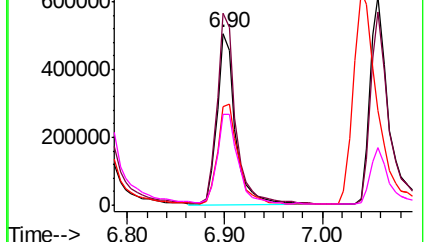
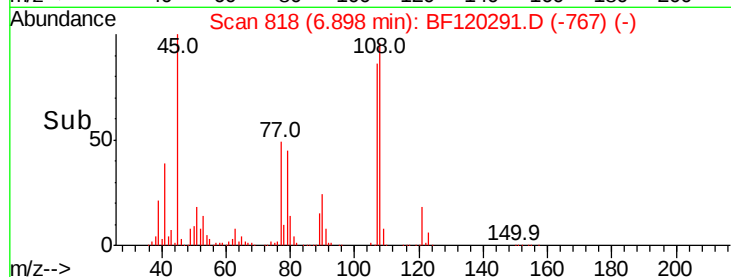


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.992 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

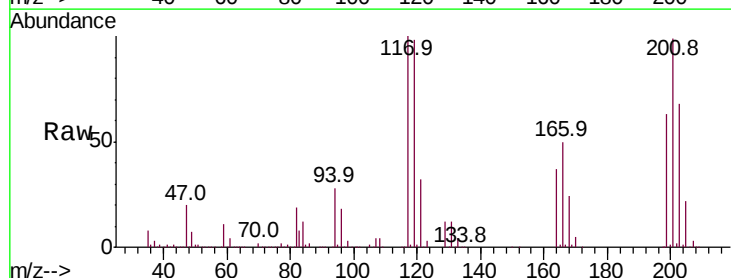
Tgt Ion:117 Resp: 319383

Ion Ratio Lower Upper

117 100

119 98.3 77.4 116.0

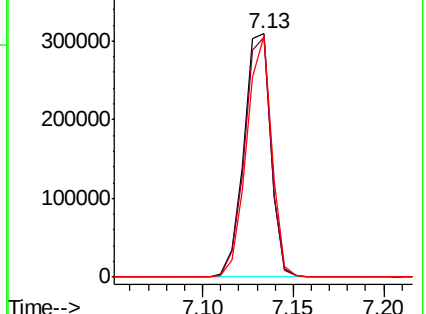
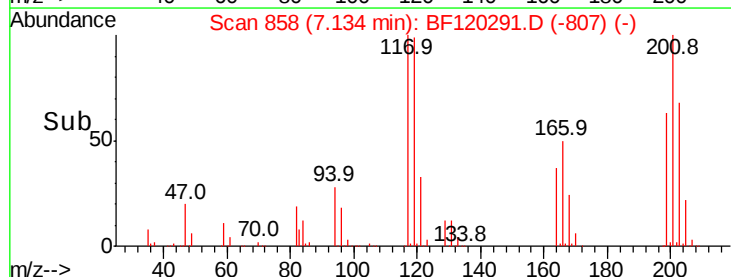
201 98.9 74.9 112.3

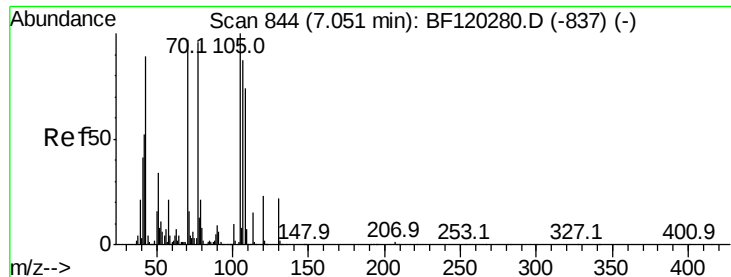


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

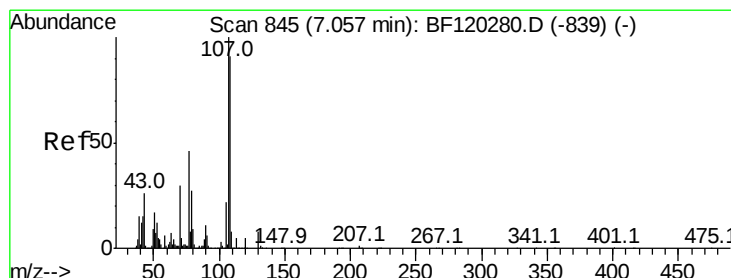
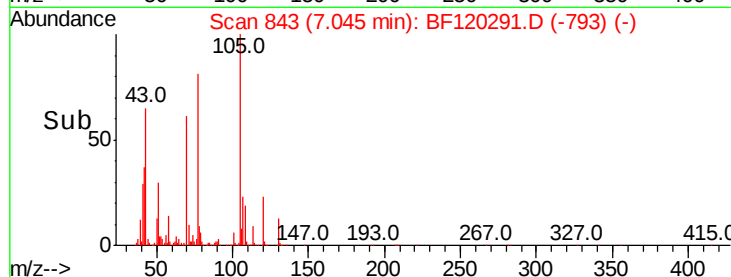
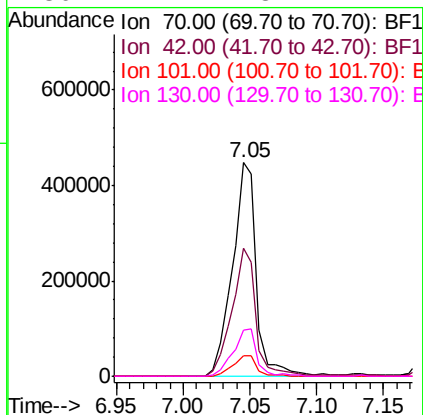
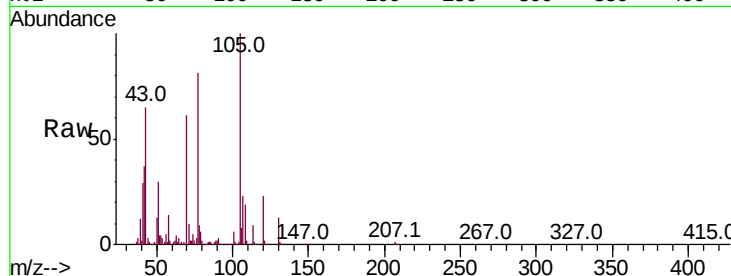




#19
n-Nitroso-di-n-propylamine
Concen: 40.732 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

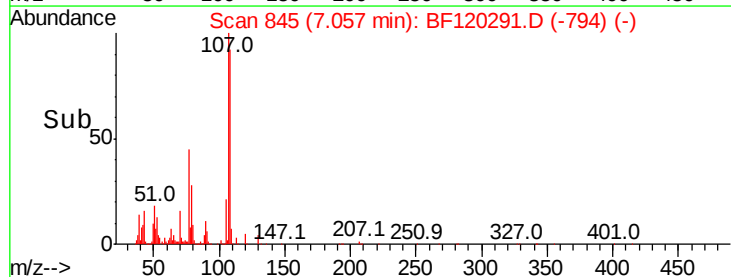
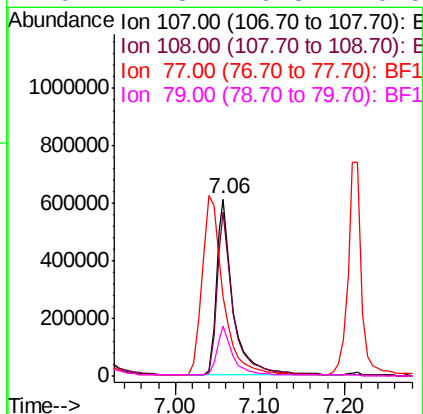
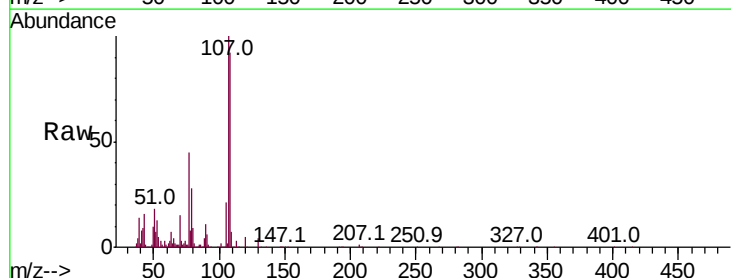
Instrument :
BNA_F
ClientSampleId :
PB128891BS

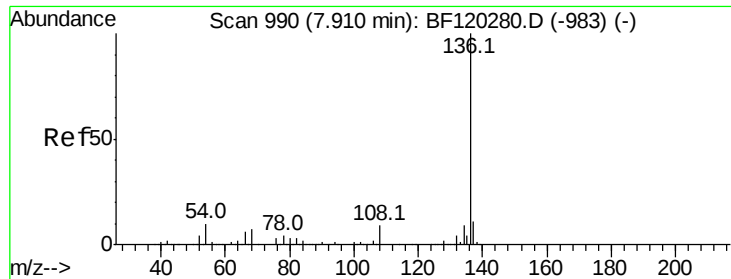
Tot Ion:	70	Resp:	564632
Ion	Ratio	Lower	Upper
70	100		
42	59.7	43.4	65.0
101	9.5	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.845 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:	107	Resp:	853199
Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.1	111.1
77	45.1	28.1	68.1
79	27.8	6.8	46.8



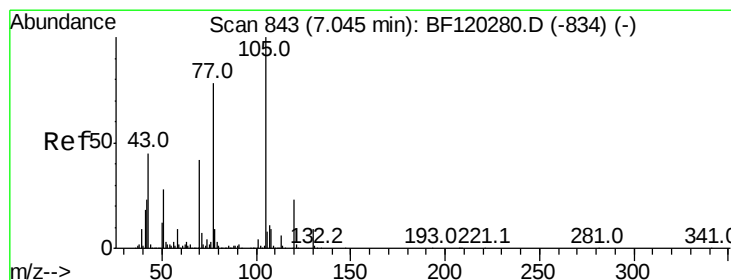
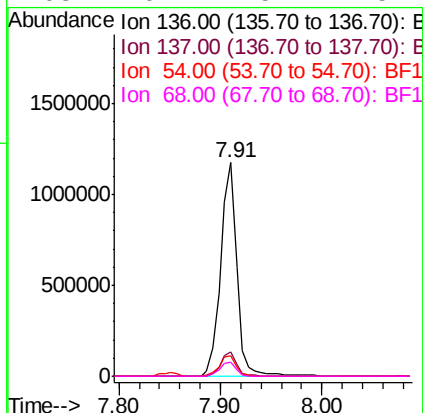
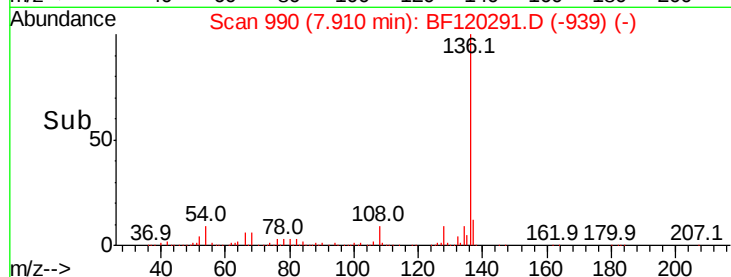
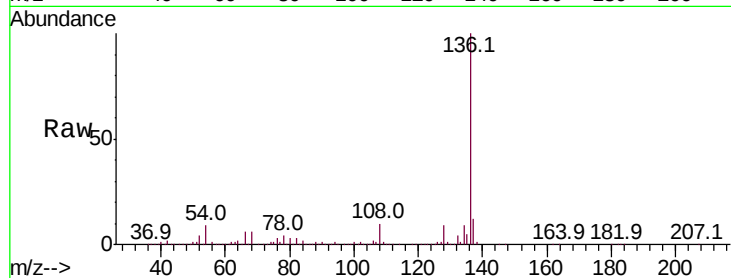


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:136 Resp: 1307014

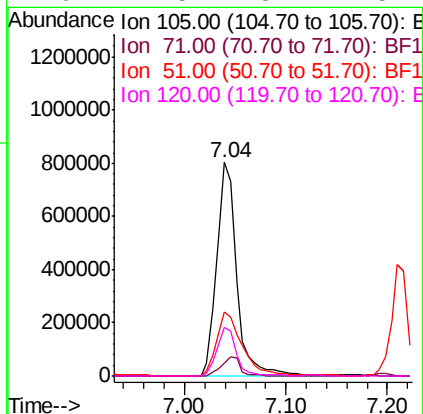
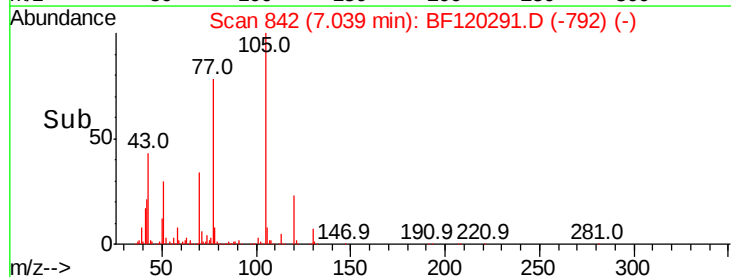
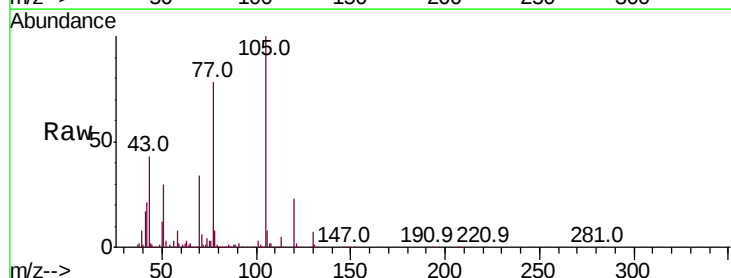
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.4	7.9	11.9
68	6.4	5.4	8.2

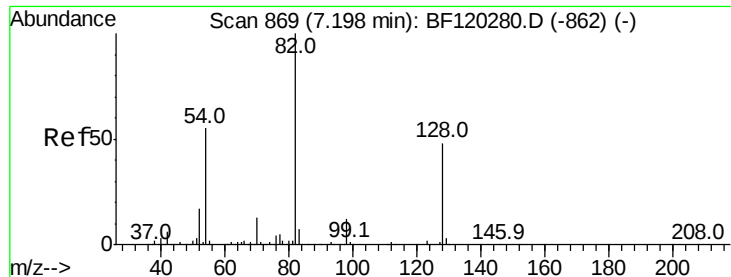


#22
Acetophenone
Concen: 41.467 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:105 Resp: 1110318

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.6	8.4
51	29.8	22.6	34.0
120	22.5	18.7	28.1



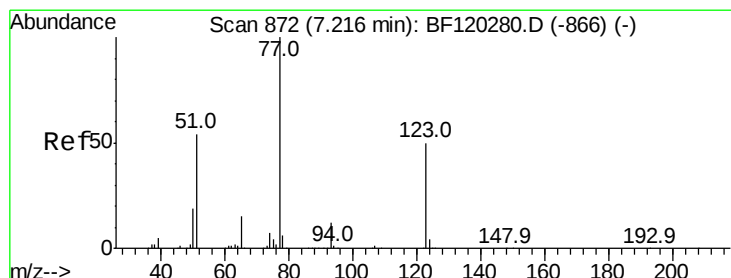
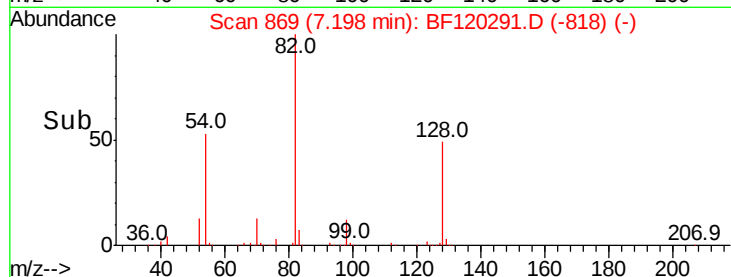
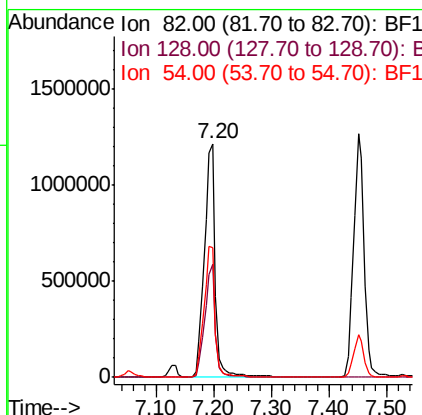
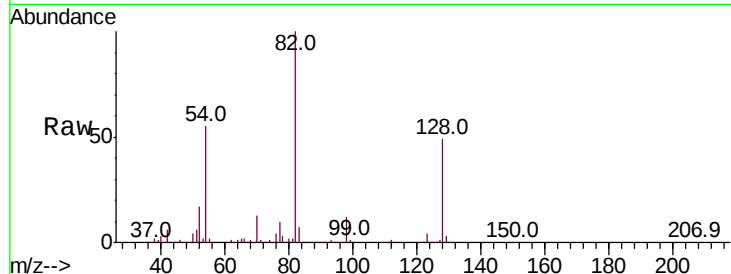


#23
 Nitrobenzene-d5
 Concen: 86.514 ng
 RT: 7.20 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion: 82 Resp: 1651531

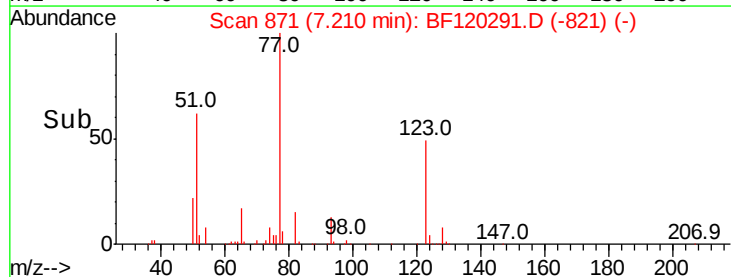
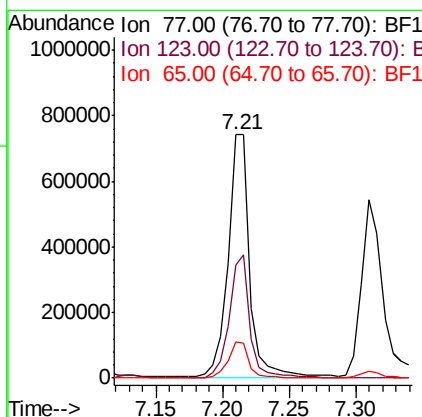
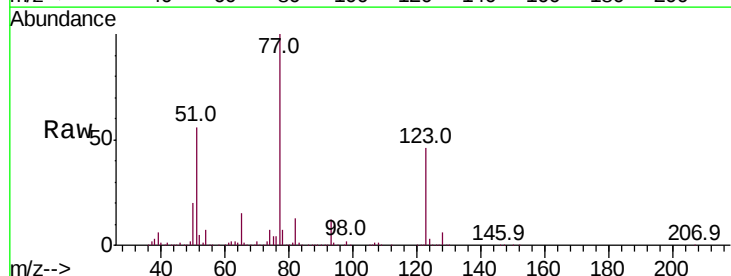
Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.3	57.5
54	55.5	43.9	65.9

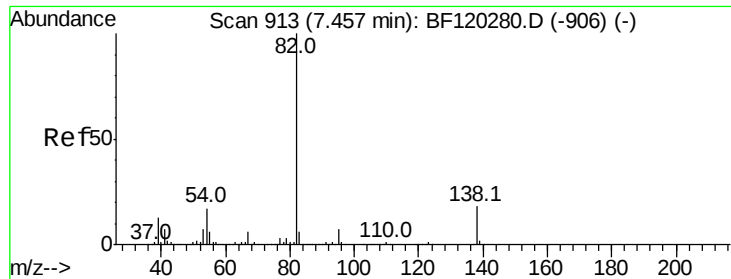


#24
 Nitrobenzene
 Concen: 41.304 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion: 77 Resp: 848580

Ion	Ratio	Lower	Upper
77	100		
123	46.3	40.0	60.0
65	14.7	11.7	17.5

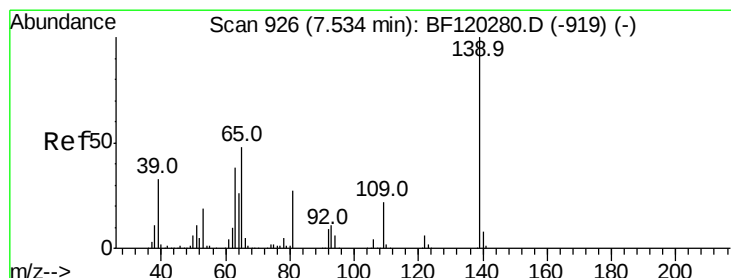
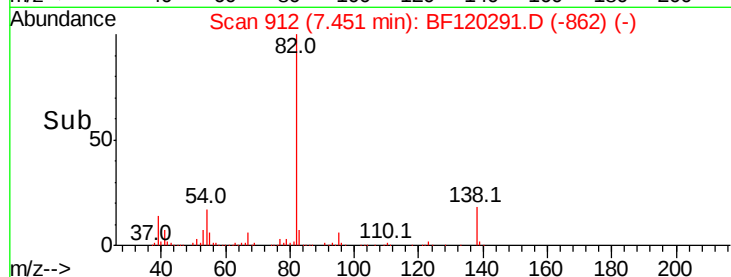
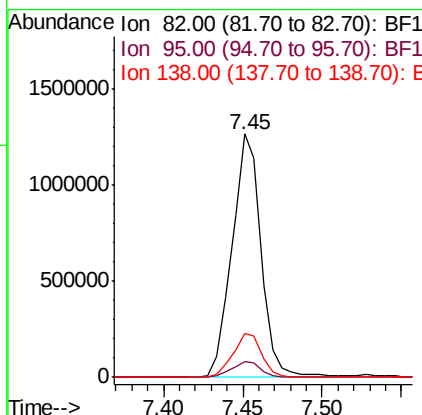
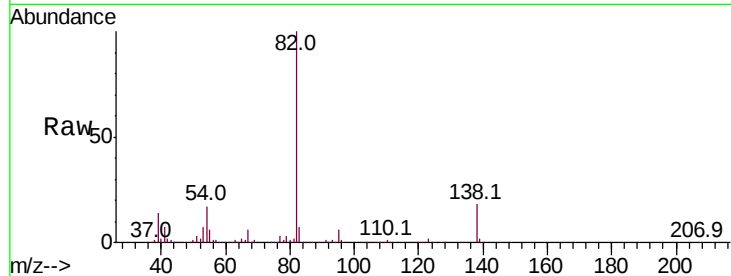




#25
Isophorone
Concen: 40.143 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

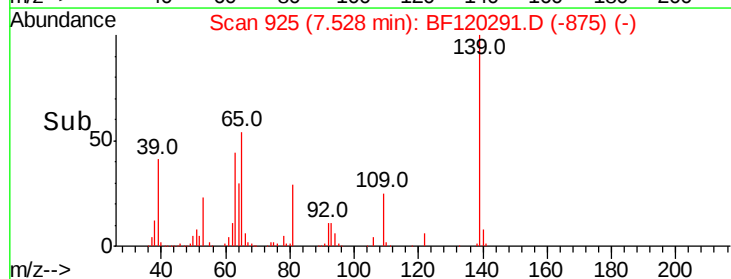
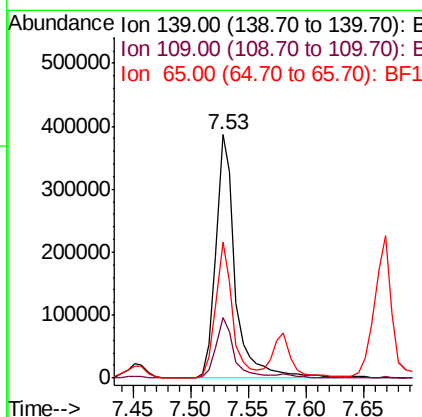
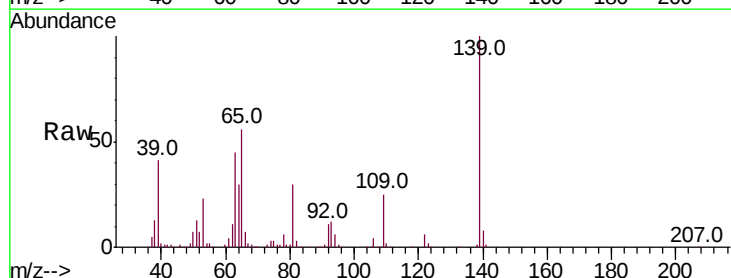
Instrument :
BNA_F
ClientSampleId :
PB128891BS

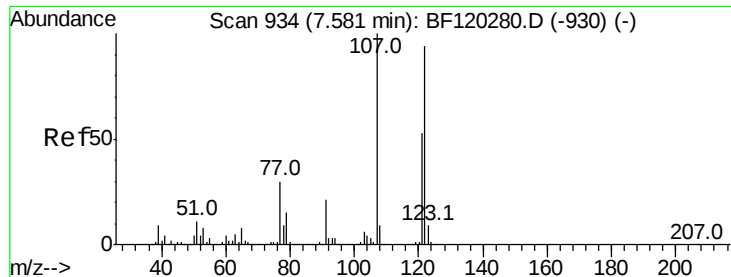
Tot Ion: 82 Resp: 1594470
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 18.1 14.7 22.1



#26
2-Nitrophenol
Concen: 41.985 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion: 139 Resp: 451119
Ion Ratio Lower Upper
139 100
109 25.1 17.7 26.5
65 55.9 38.3 57.5

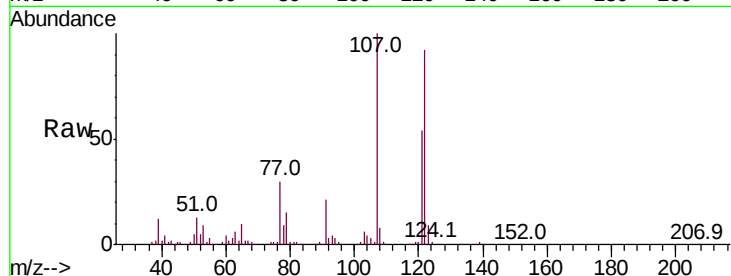




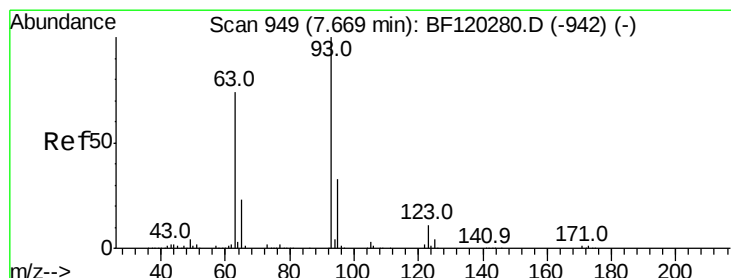
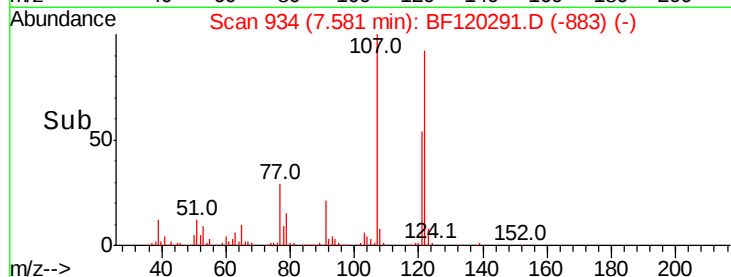
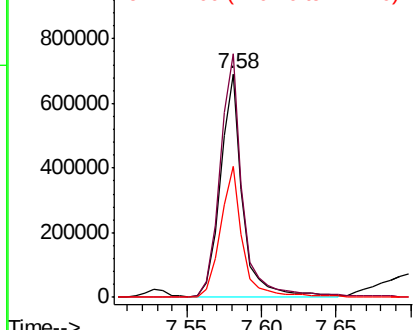
#27
2,4-Dimethylphenol
Concen: 45.962 ng
RT: 7.58 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:122 Resp: 718399
Ion Ratio Lower Upper
122 100
107 109.0 85.0 127.6
121 58.5 45.1 67.7

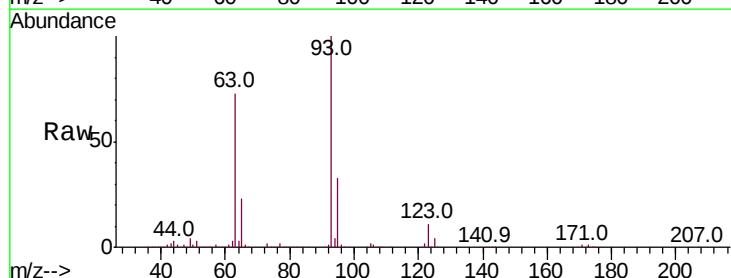


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

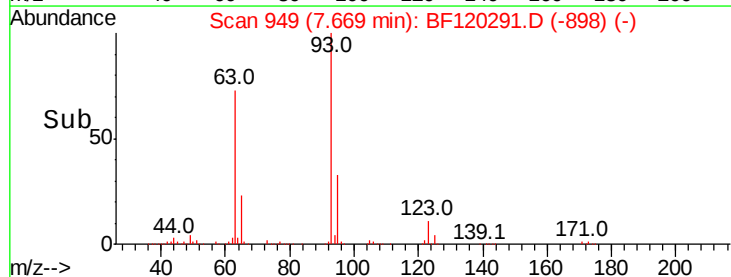
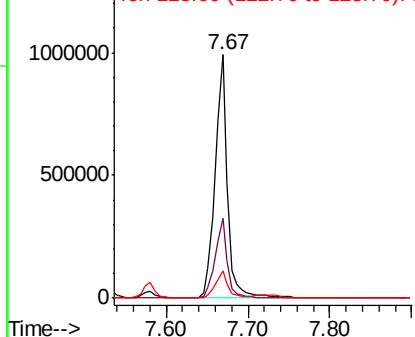


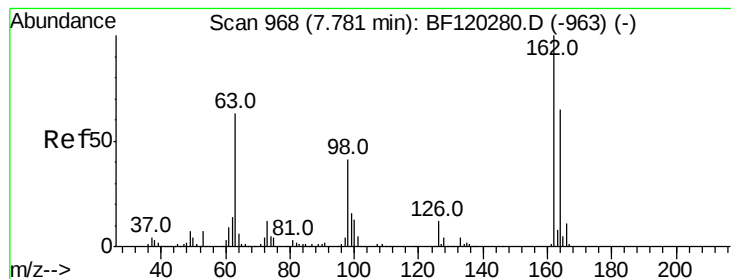
#28
bis(2-Chloroethoxy)methane
Concen: 41.912 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion: 93 Resp: 1046365
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.2 9.2 13.8



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: 42.000 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

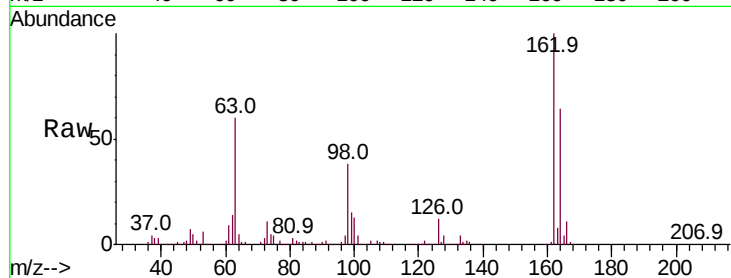
Tot Ion:162 Resp: 674228

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

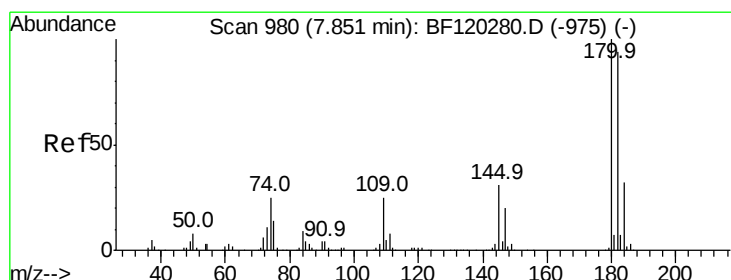
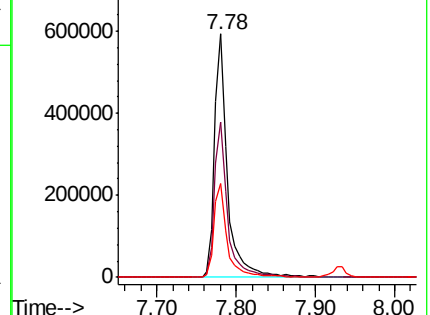
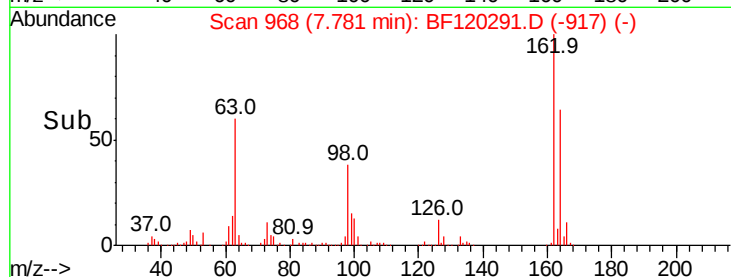
98 38.4 20.7 60.7



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: 40.142 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

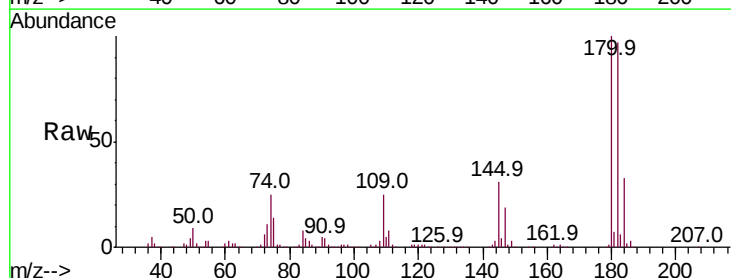
Tgt Ion:180 Resp: 714096

Ion Ratio Lower Upper

180 100

182 96.5 75.3 112.9

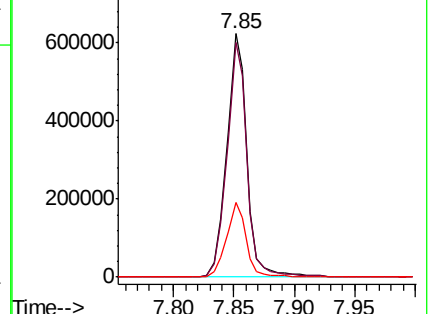
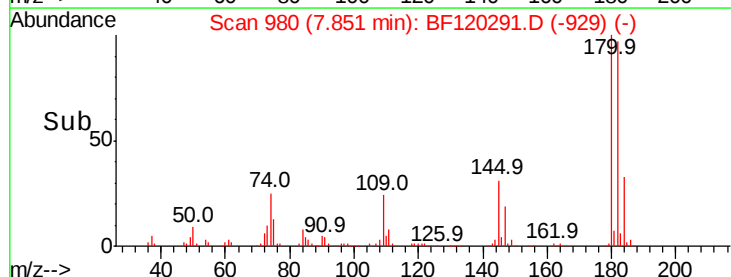
145 30.7 24.9 37.3

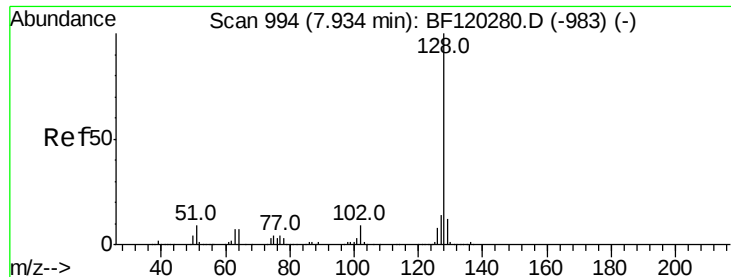


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

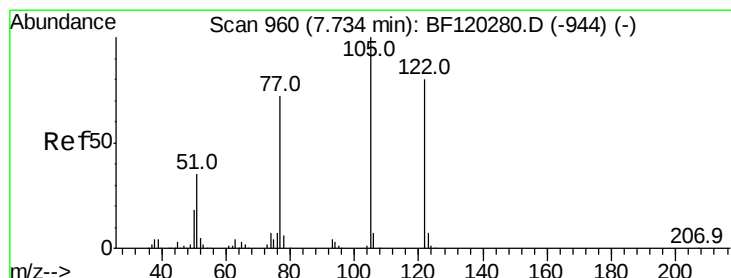
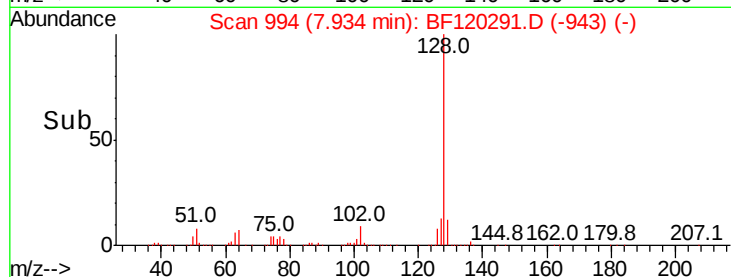
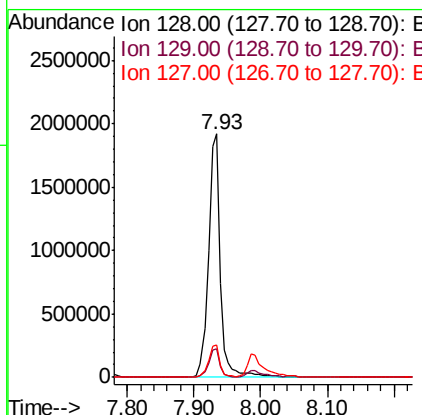
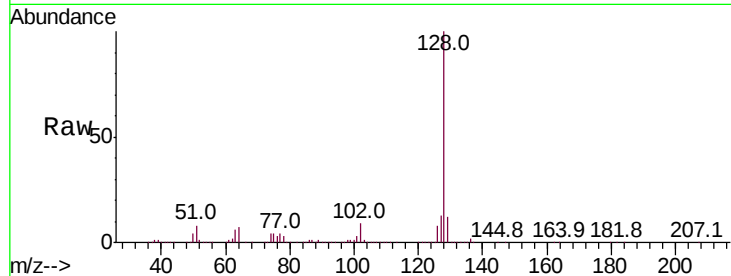




#31
Naphthalene
Concen: 43.169 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

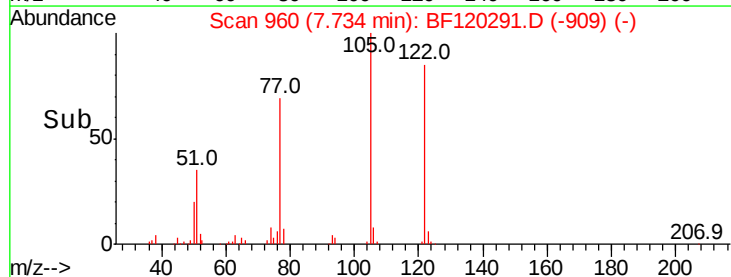
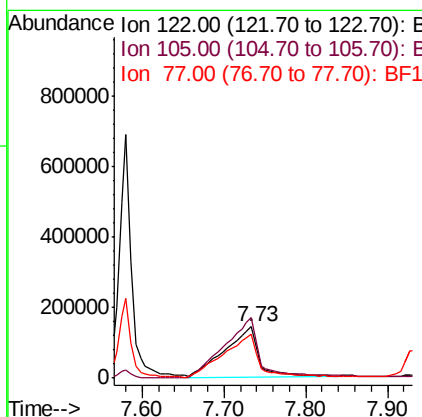
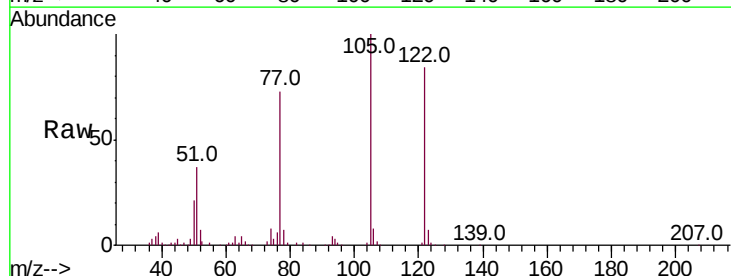
Instrument :
BNA_F
ClientSampleId :
PB128891BS

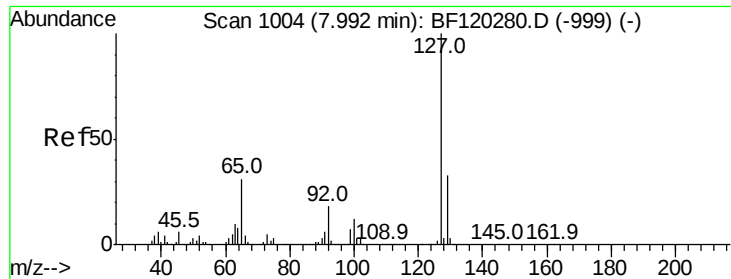
Tot Ion:128 Resp: 2381304
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.4 11.2 16.8



#32
Benzoic acid
Concen: 39.821 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:122 Resp: 407981
Ion Ratio Lower Upper
122 100
105 118.6 98.1 138.1
77 86.6 66.7 106.7

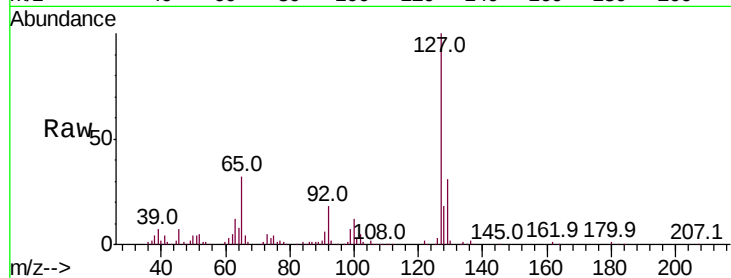




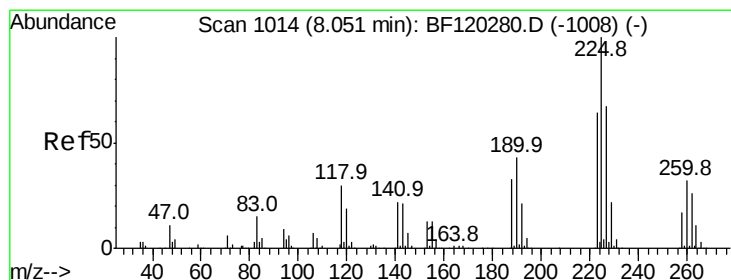
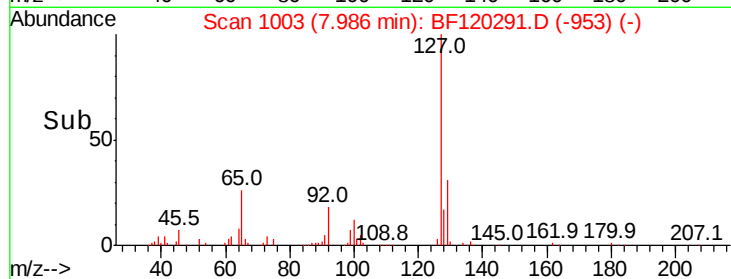
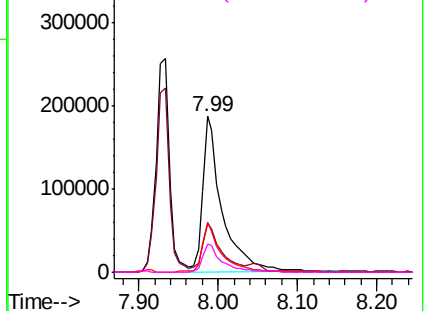
#33
4-Chloroaniline
Concen: 12.797 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:	127	Resp:	321700
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.4	39.6
65	32.0	24.8	37.2
92	17.8	14.5	21.7

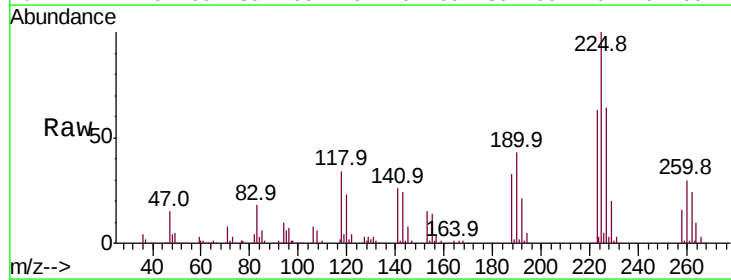


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

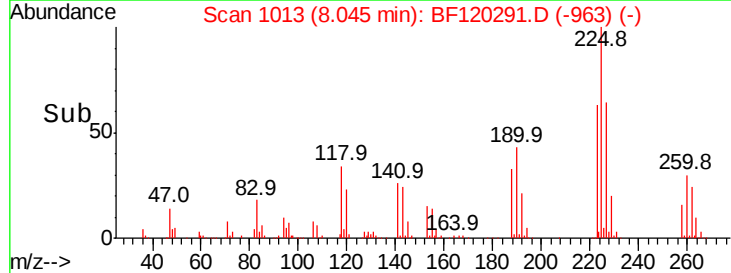
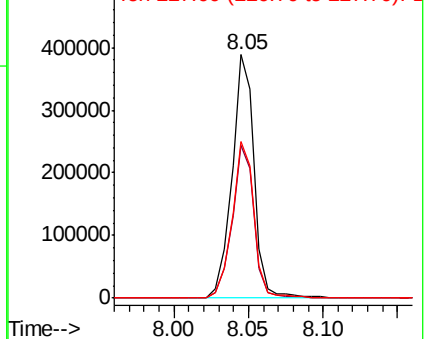


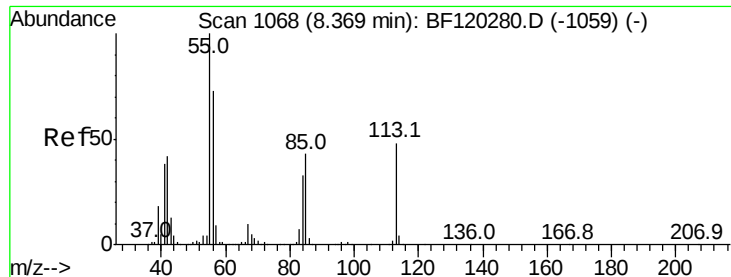
#34
Hexachlorobutadiene
Concen: 39.437 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:	225	Resp:	405494
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.0
227	64.4	54.0	81.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.440 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

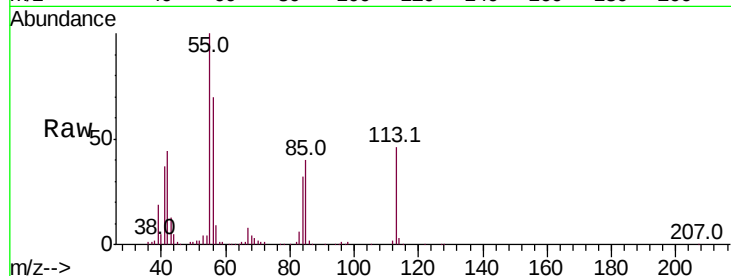
Tot Ion:113 Resp: 123100

Ion Ratio Lower Upper

113 100

55 219.7 190.4 230.4

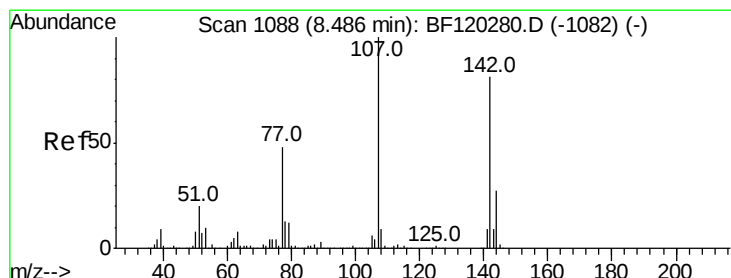
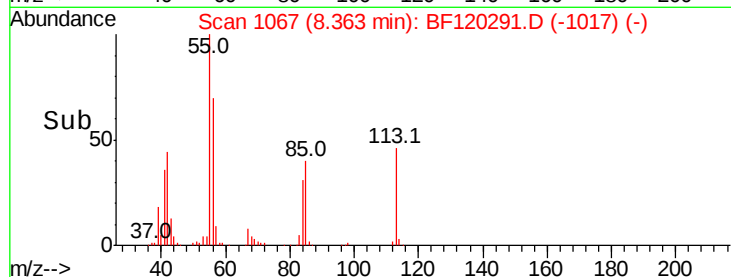
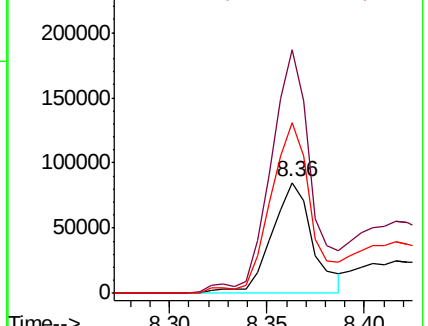
56 154.6 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.383 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

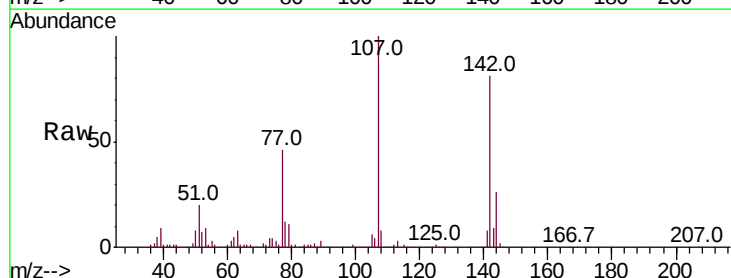
Tgt Ion:107 Resp: 736019

Ion Ratio Lower Upper

107 100

144 26.2 21.4 32.2

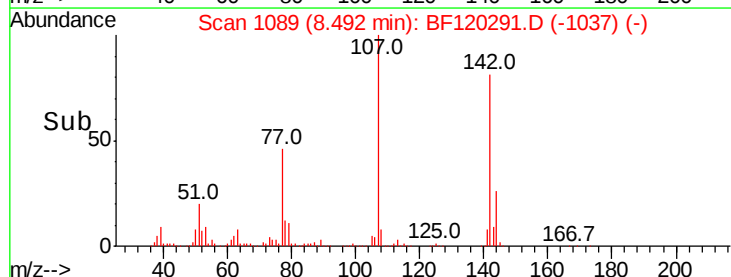
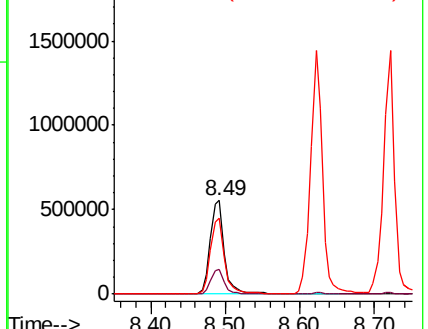
142 80.6 65.1 97.7

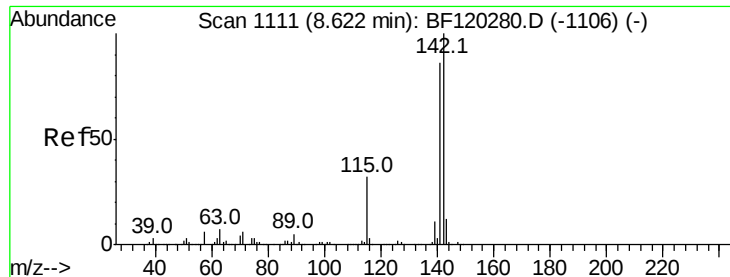


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

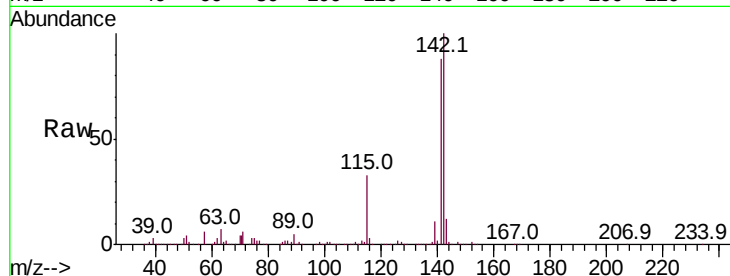




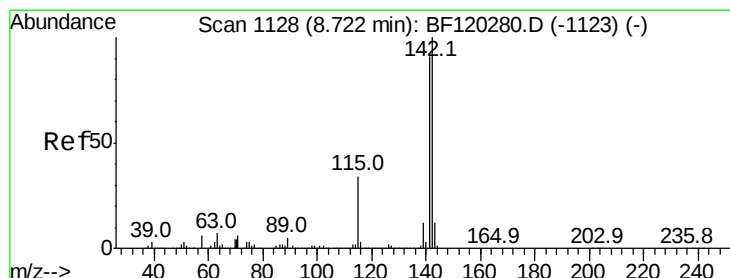
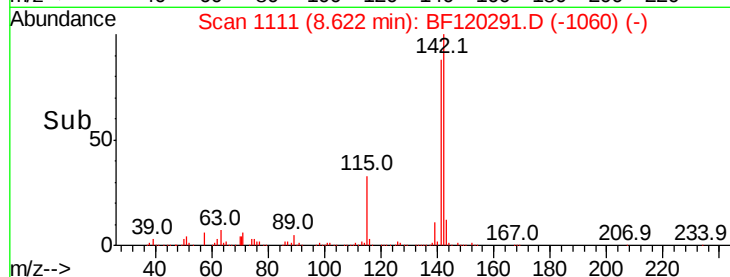
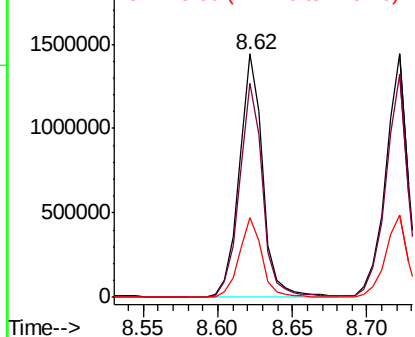
#37
 2-Methylnaphthalene
 Concen: 41.786 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion:142 Resp: 1577388
 Ion Ratio Lower Upper
 142 100
 141 88.1 68.8 103.2
 115 32.5 25.7 38.5

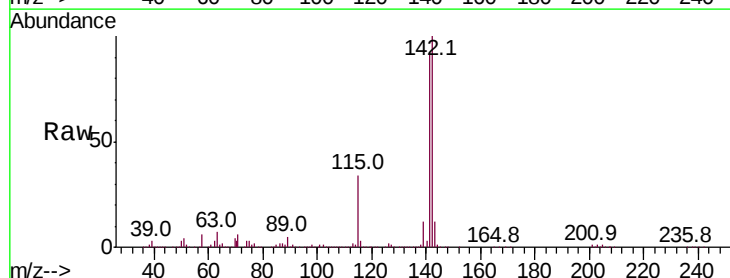


Abundance Ion 142.00 (141.70 to 142.70): E
 2000000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

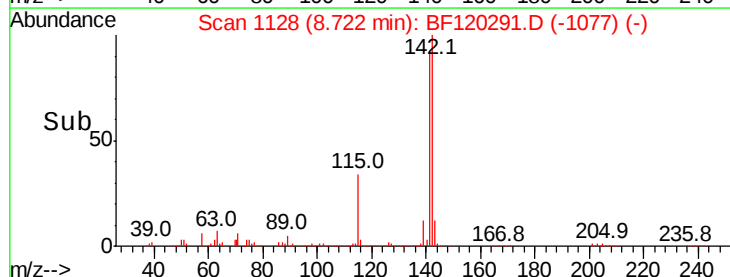
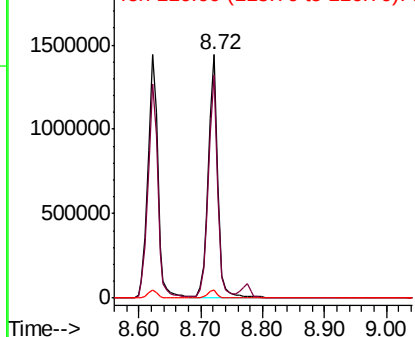


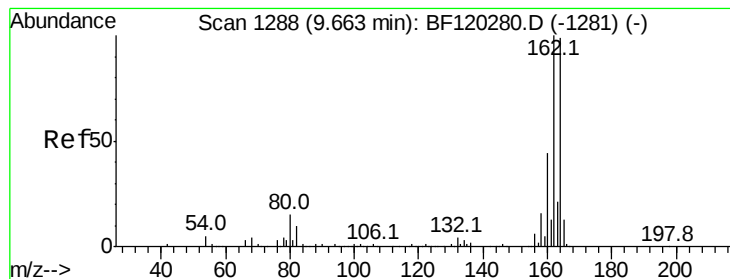
#38
 1-Methylnaphthalene
 Concen: 41.450 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:142 Resp: 1517580
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.0 109.6
 116 3.4 2.7 4.1



Abundance Ion 142.00 (141.70 to 142.70): E
 2000000 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

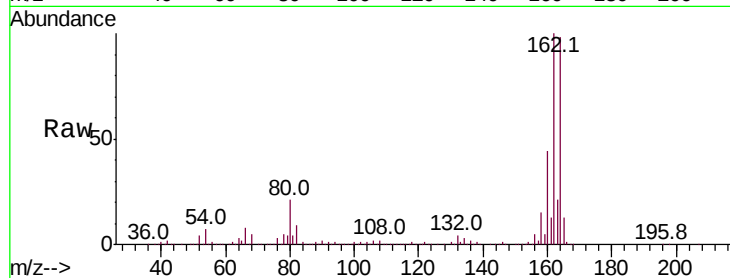
Tot Ion:164 Resp: 663381

Ion Ratio Lower Upper

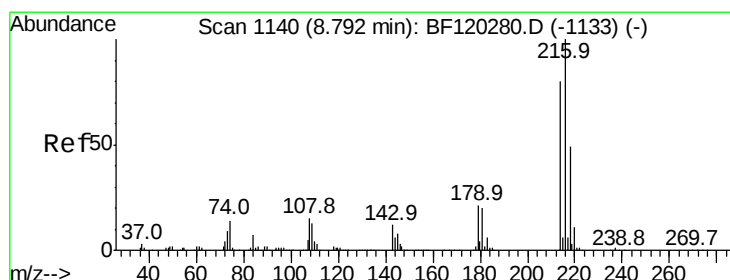
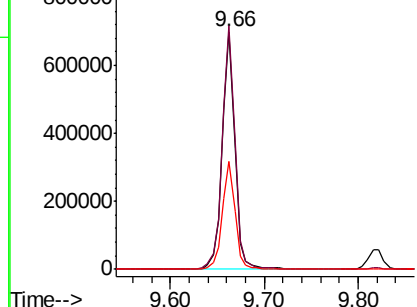
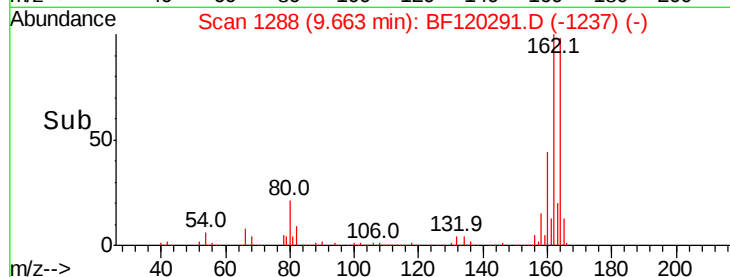
164 100

162 102.4 81.2 121.8

160 45.4 35.8 53.6



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: 42.201 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion:216 Resp: 705919

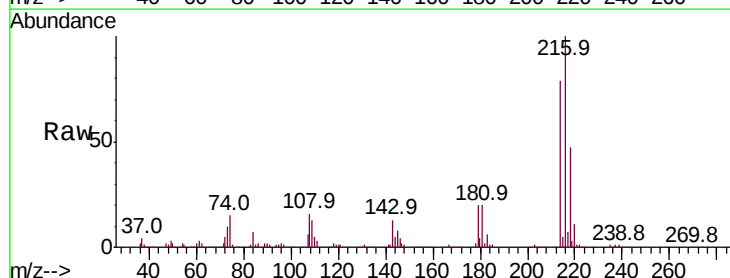
Ion Ratio Lower Upper

216 100

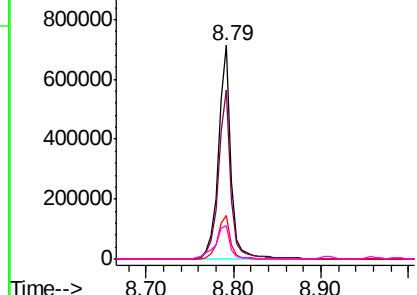
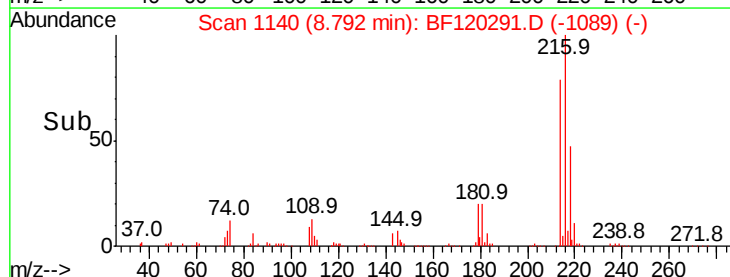
214 79.6 64.0 96.0

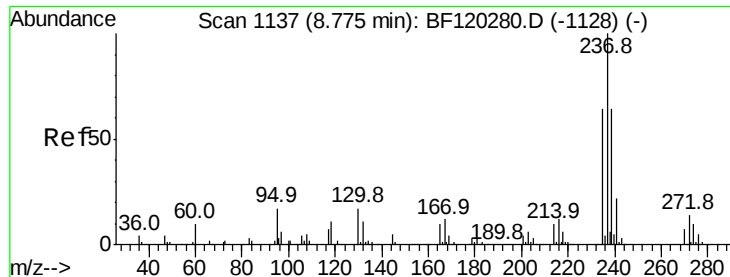
179 20.9 16.9 25.3

108 18.8 14.2 21.2



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: 86.145 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

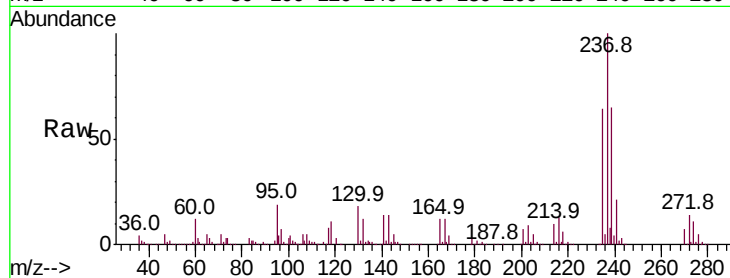
Tot Ion:237 Resp: 598242

Ion Ratio Lower Upper

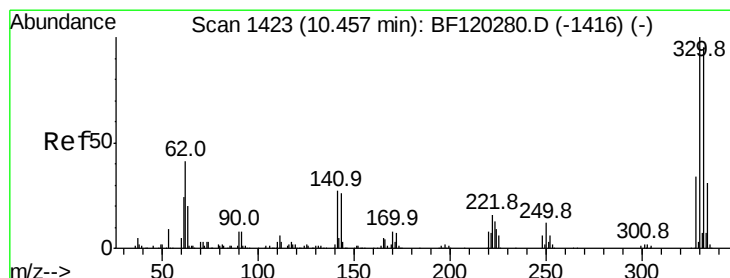
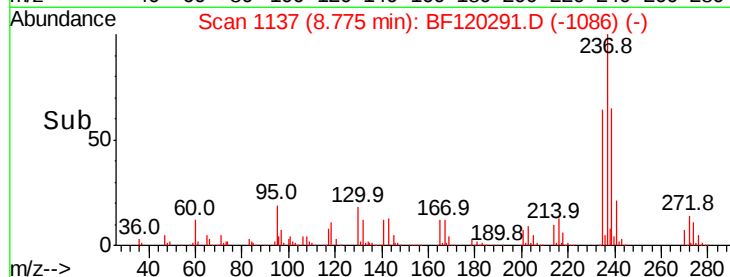
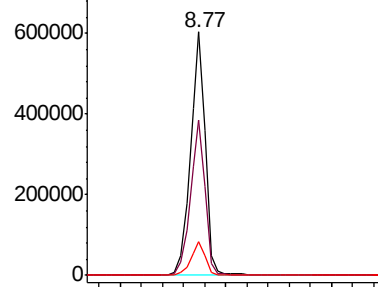
237 100

235 63.5 43.8 83.8

272 14.0 0.0 33.9



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: 122.542 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

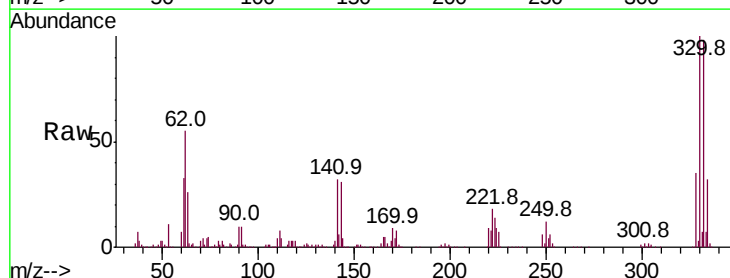
Tgt Ion:330 Resp: 662811

Ion Ratio Lower Upper

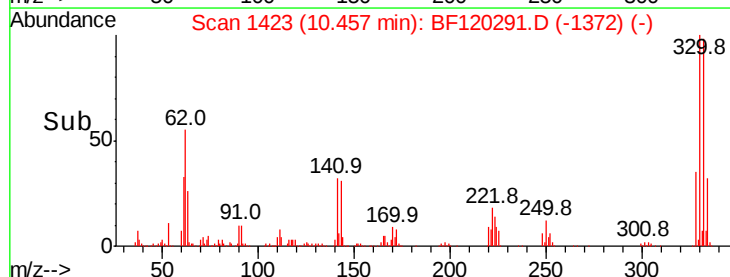
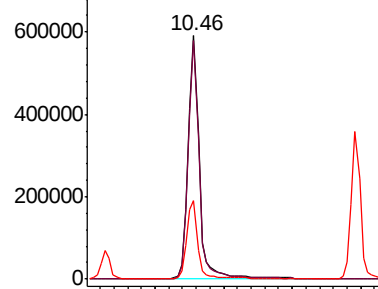
330 100

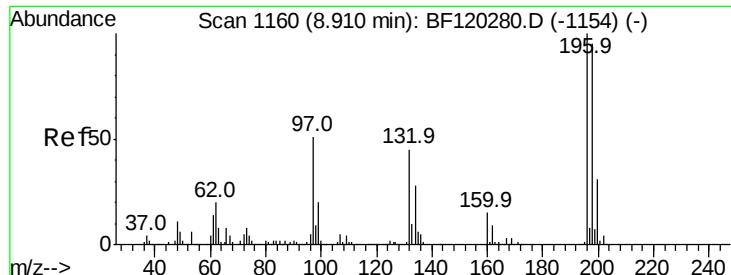
332 96.4 76.5 114.7

141 31.8 25.4 38.0



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

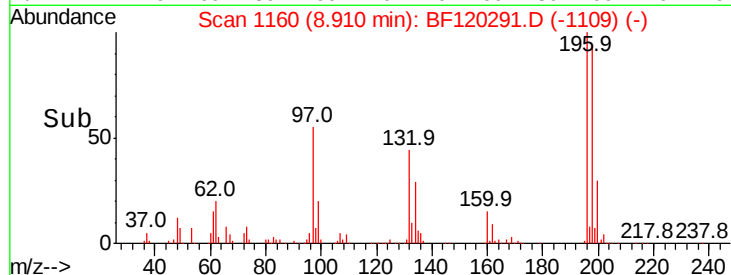
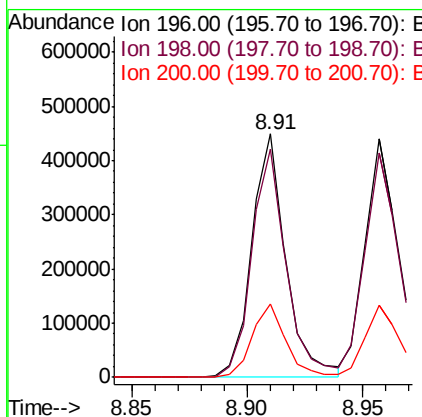
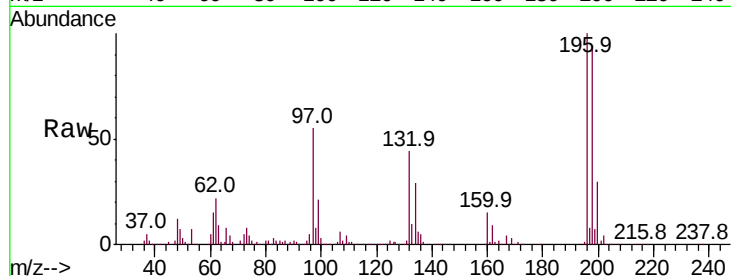




#43
 2,4,6-Trichlorophenol
 Concen: 41.228 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

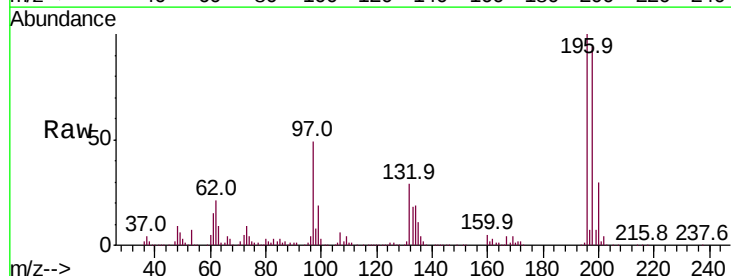
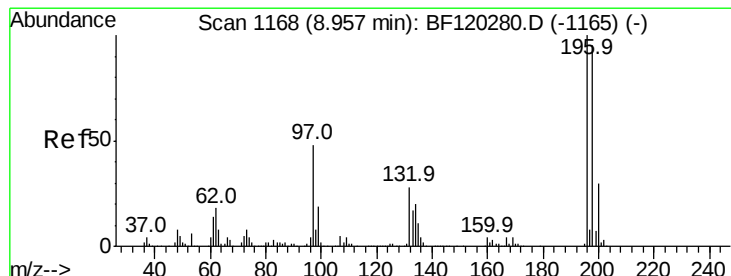
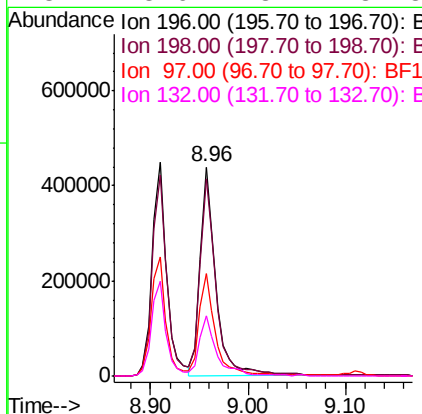
Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

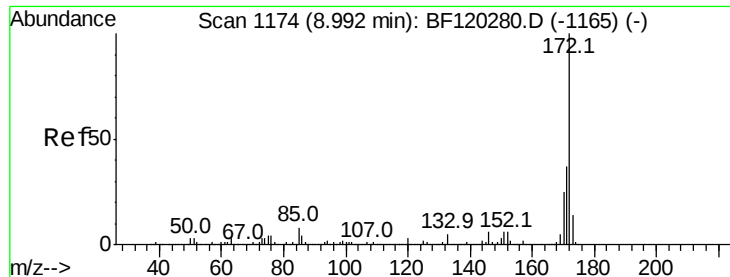
Tot Ion:196 Resp: 462913
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.2 114.4
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.123 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:196 Resp: 491586
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.2 114.4
 97 48.7 38.6 57.8
 132 28.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 91.470 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

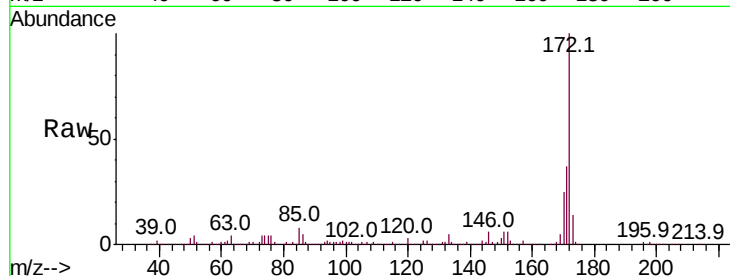
Tot Ion:172 Resp: 2953539

Ion Ratio Lower Upper

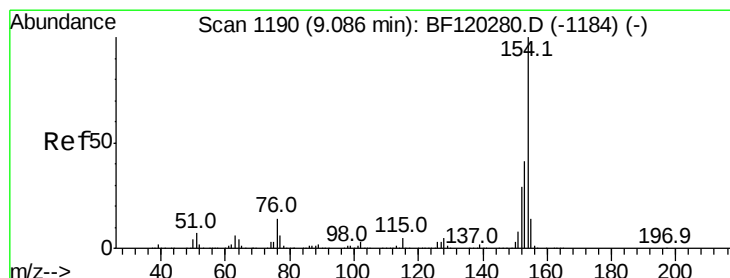
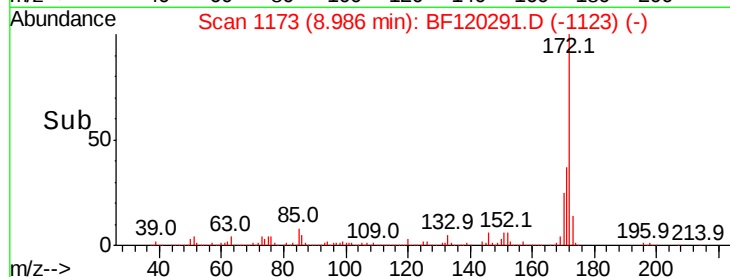
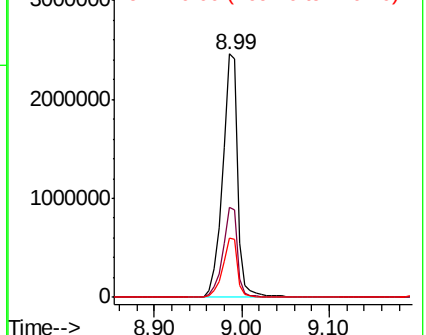
172 100

171 37.1 29.7 44.5

170 24.6 19.9 29.9



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: 44.125 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

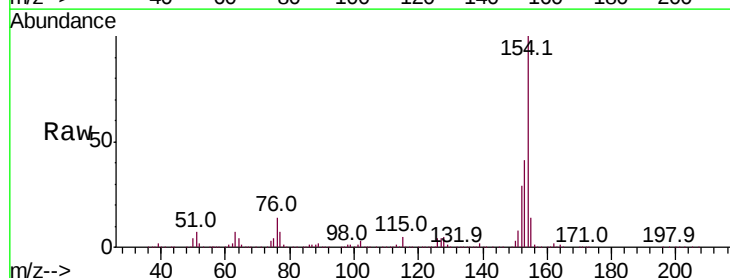
Tgt Ion:154 Resp: 1917897

Ion Ratio Lower Upper

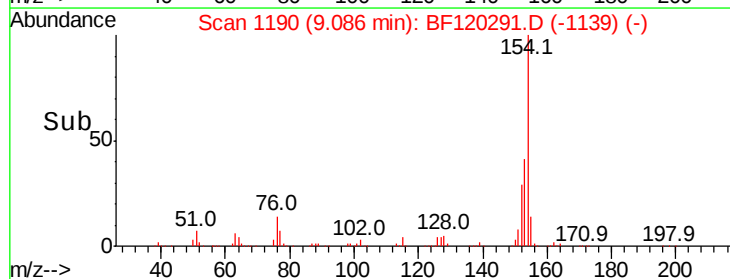
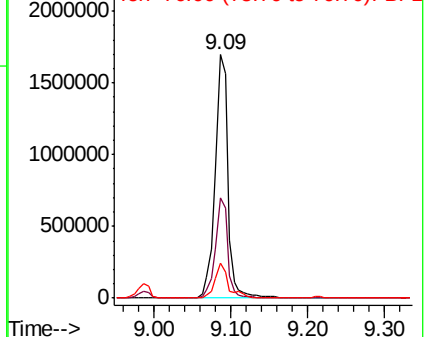
154 100

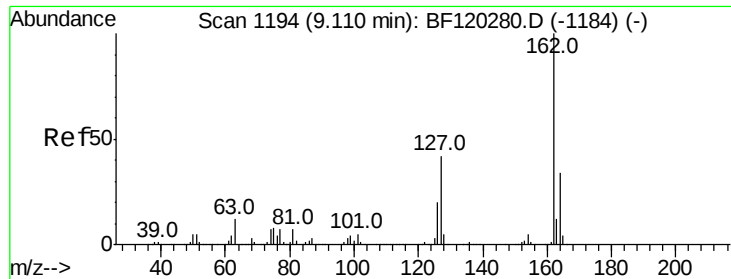
153 41.0 20.8 60.8

76 14.2 0.0 34.3



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

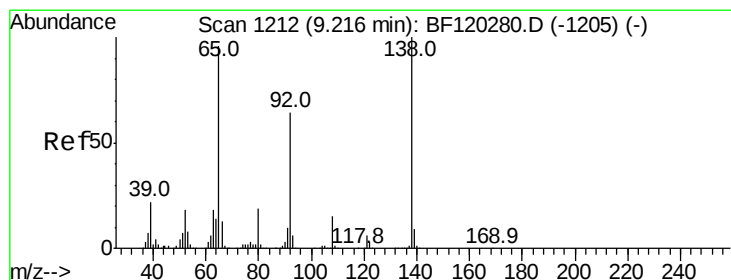
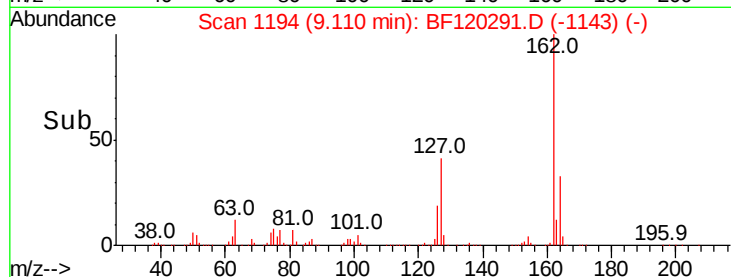
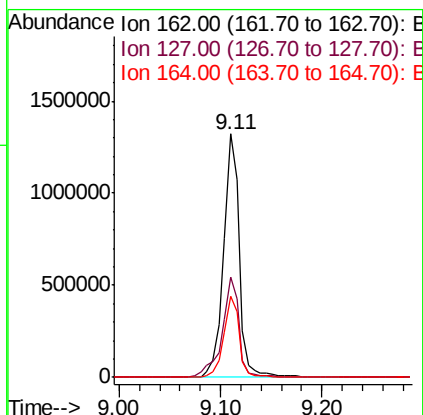
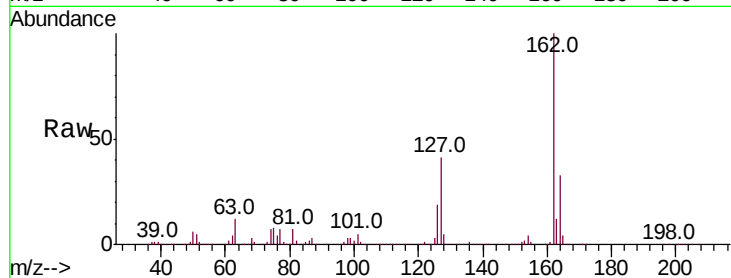




#47
 2-Chloronaphthalene
 Concen: 40.932 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

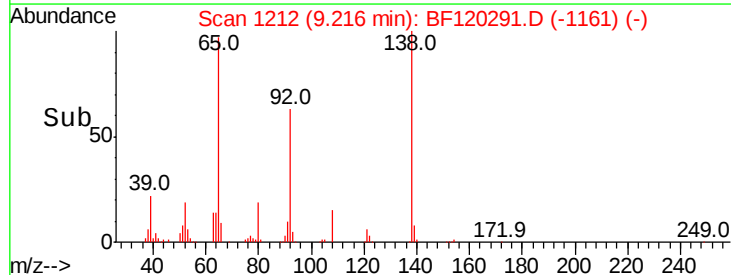
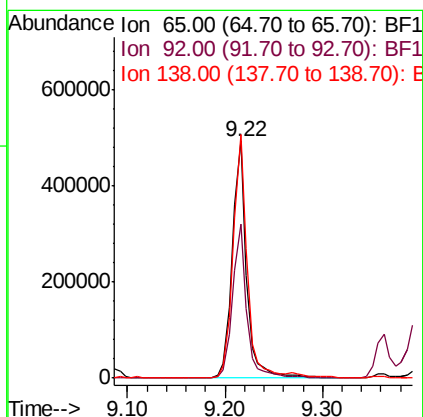
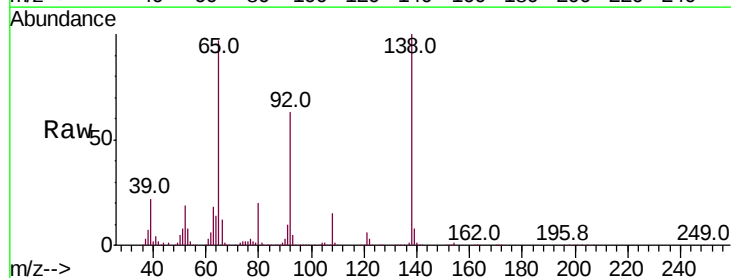
Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

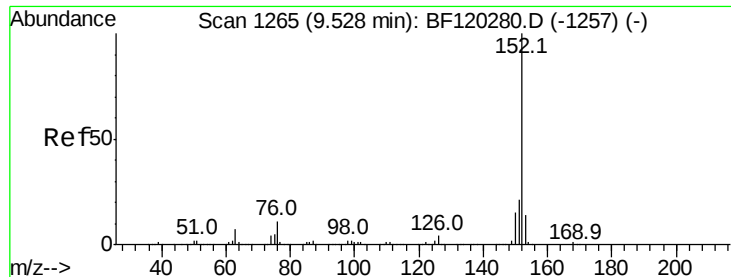
Tot Ion:162 Resp: 1427139
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.4 50.0
 164 33.1 27.0 40.6



#48
 2-Nitroaniline
 Concen: 39.838 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion: 65 Resp: 506787
 Ion Ratio Lower Upper
 65 100
 92 65.2 52.9 79.3
 138 102.8 83.0 124.4





#49

Acenaphthylene

Concen: 42.055 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampled :

PB128891BS

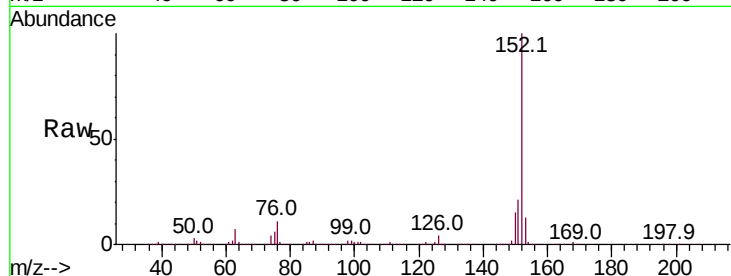
Tot Ion:152 Resp: 2239820

Ion Ratio Lower Upper

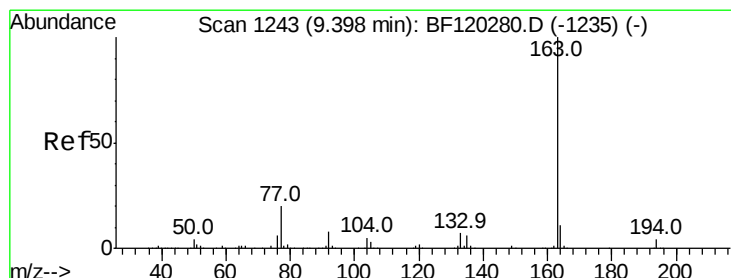
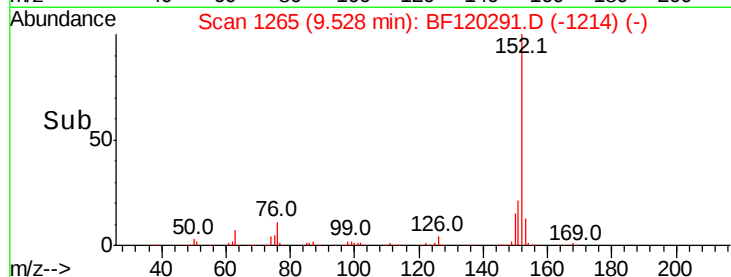
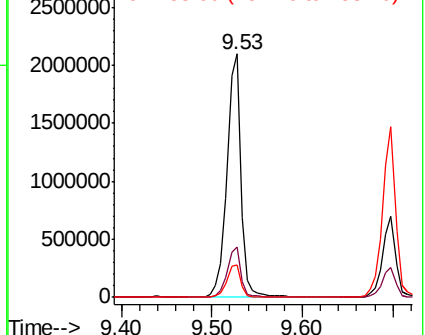
152 100

151 20.8 16.6 25.0

153 13.5 11.1 16.7



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: 40.228 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

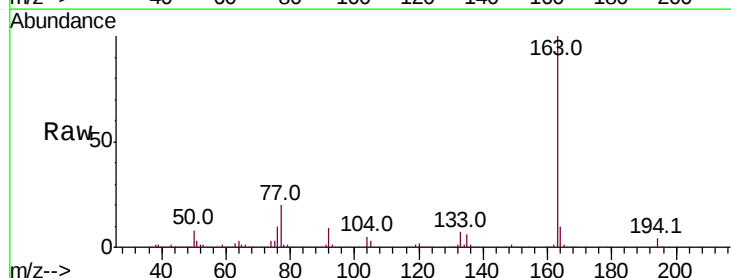
Tgt Ion:163 Resp: 1686985

Ion Ratio Lower Upper

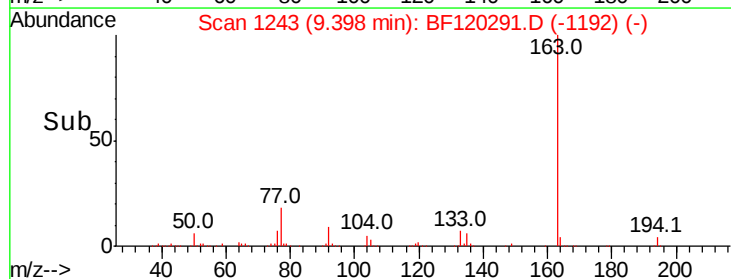
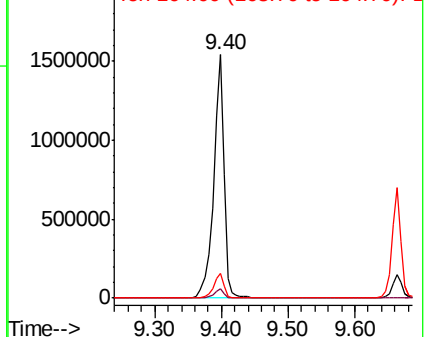
163 100

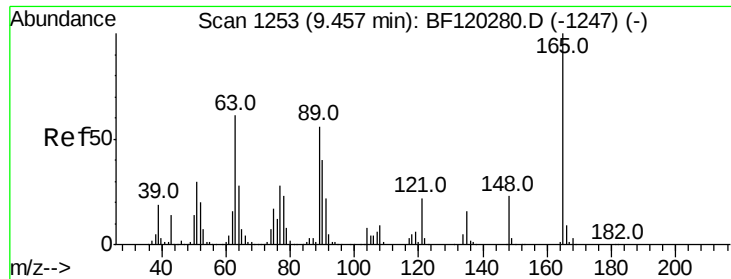
194 4.1 3.1 4.7

164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

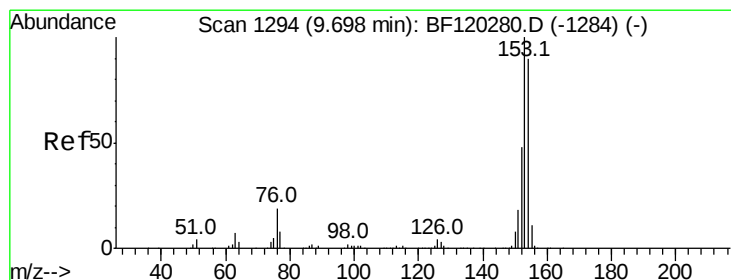
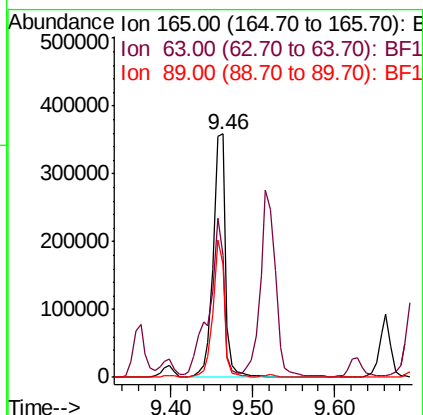
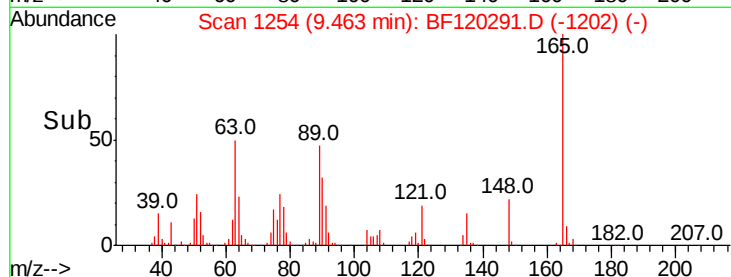
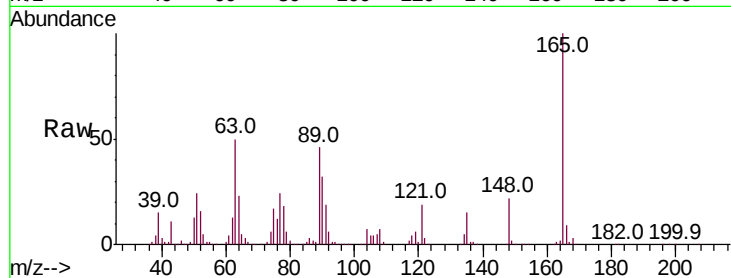




#51
2,6-Dinitrotoluene
Concen: 40.731 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

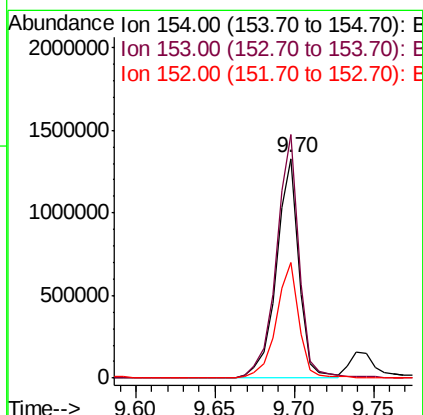
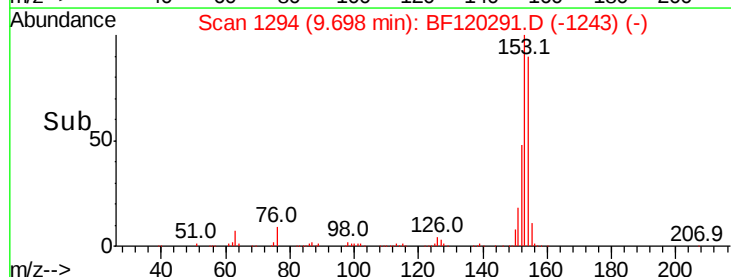
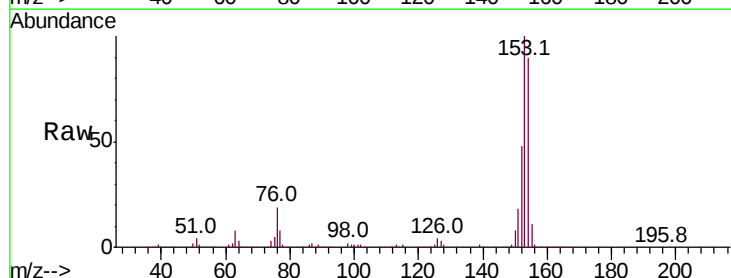
Instrument :
BNA_F
ClientSampleId :
PB128891BS

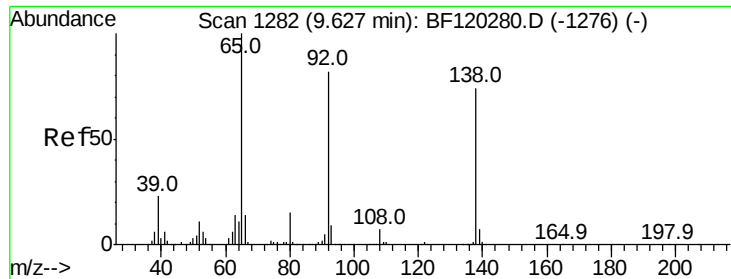
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	50.2	75.2
89	46.5	44.6	66.8



#52
Acenaphthene
Concen: 41.326 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.0	133.4
152	52.9	42.6	64.0

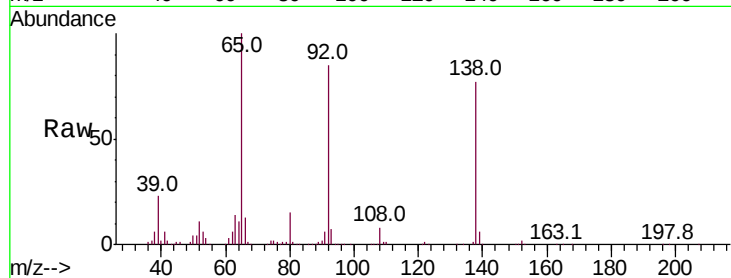




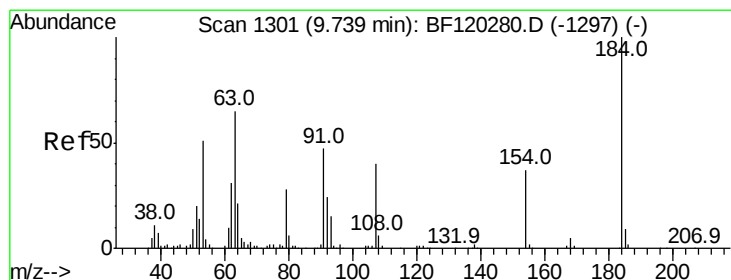
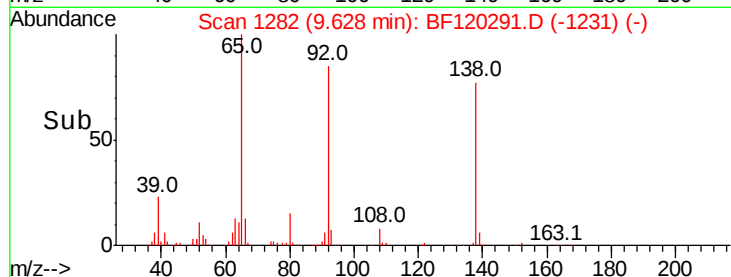
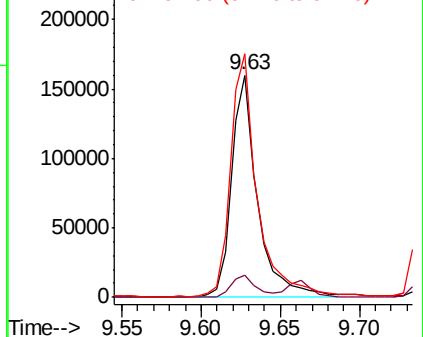
#53
3-Nitroaniline
Concen: 16.295 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:138 Resp: 181877
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 109.6 89.6 134.4

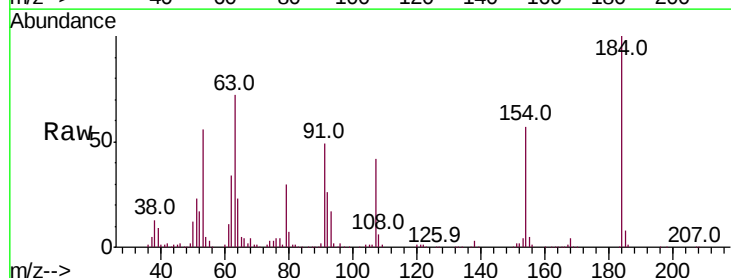


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

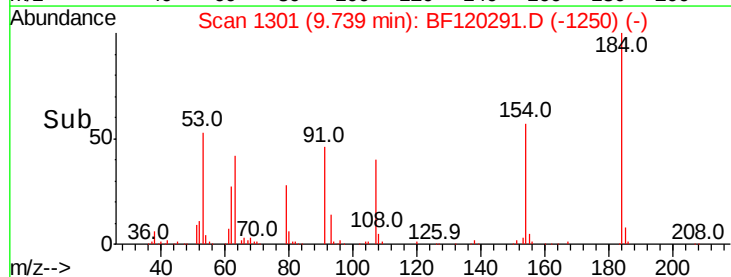
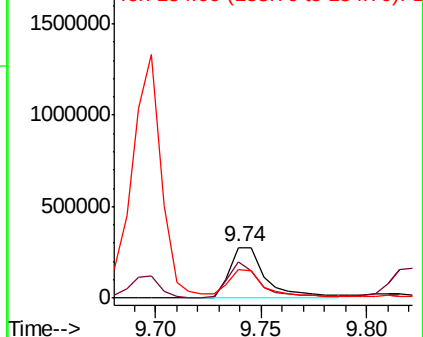


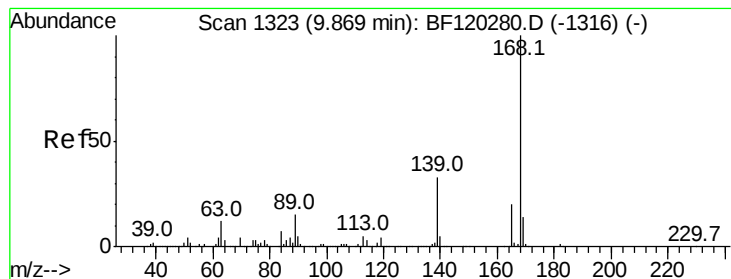
#54
2,4-Dinitrophenol
Concen: 75.706 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:184 Resp: 334468
Ion Ratio Lower Upper
184 100
63 71.7 53.6 80.4
154 57.1 46.8 70.2



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





#55

Dibenzofuran

Concen: 42.051 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

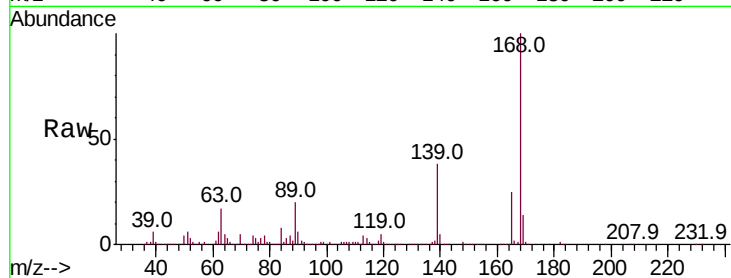
Tot Ion:168 Resp: 1933165

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.6

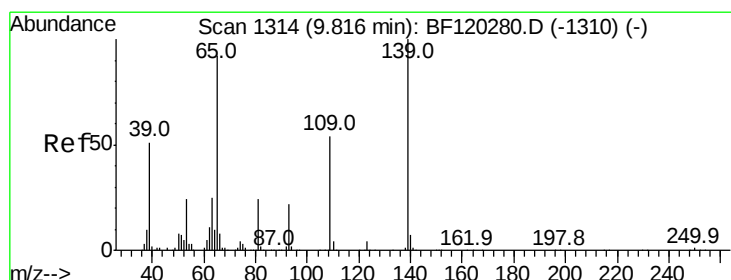
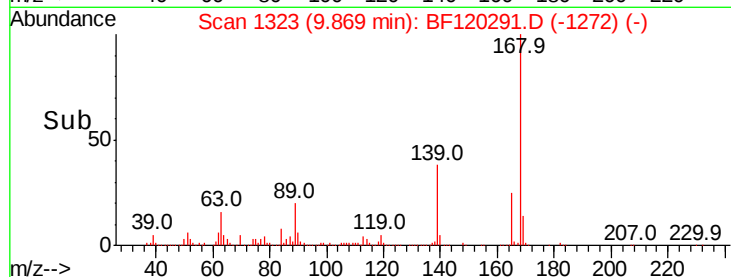
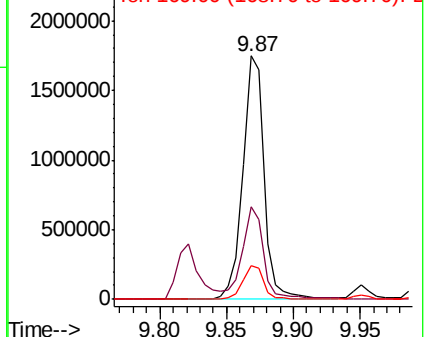
169 13.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.849 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

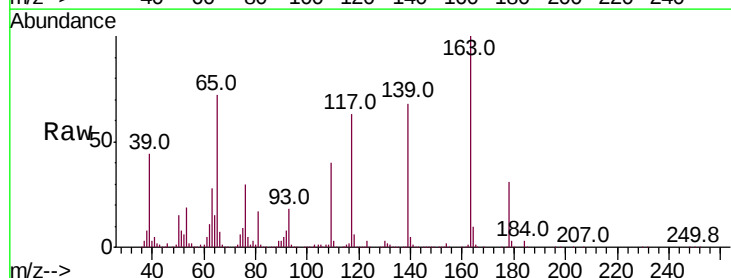
Tgt Ion:139 Resp: 454884

Ion Ratio Lower Upper

139 100

109 58.2 34.6 74.6

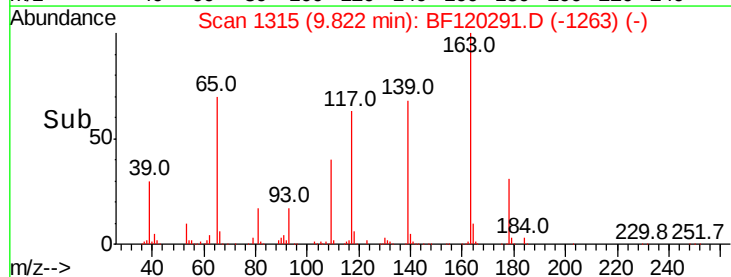
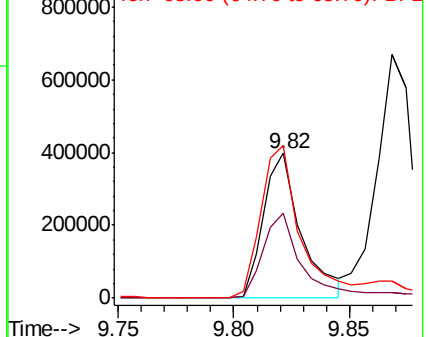
65 105.1 73.3 113.3

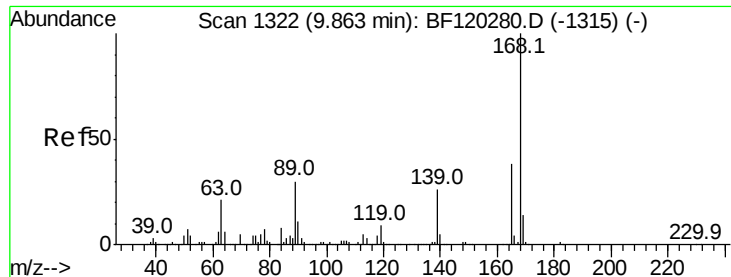


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

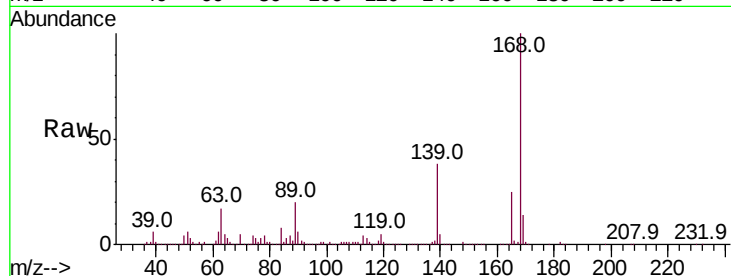




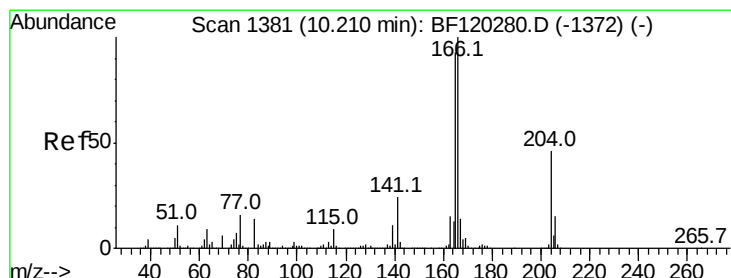
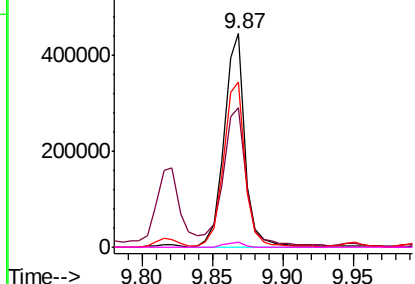
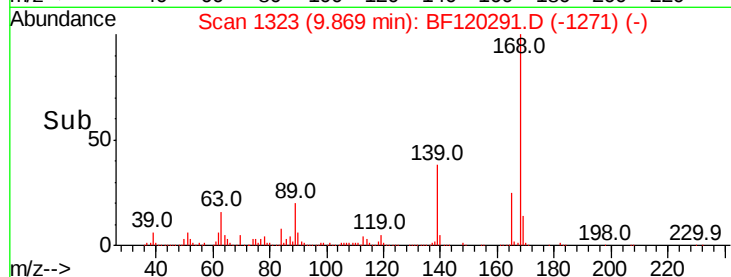
#57
 2,4-Dinitrotoluene
 Concen: 41.164 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion:165 Resp: 451944
 Ion Ratio Lower Upper
 165 100
 63 65.4 51.8 77.8
 89 77.1 64.2 96.4
 182 2.3 2.0 3.0

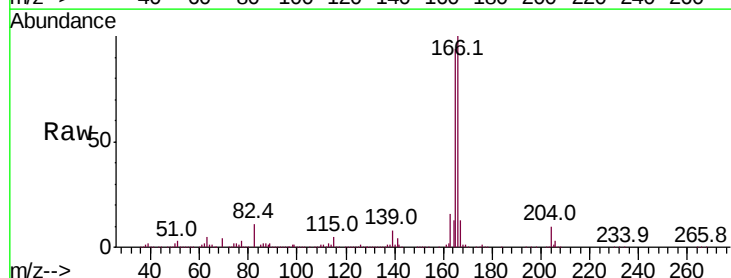


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

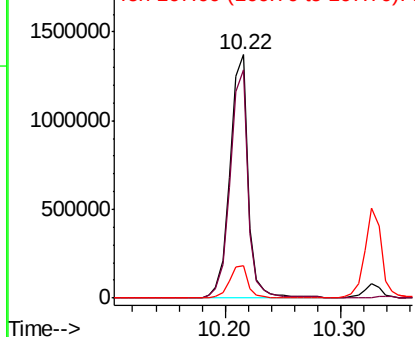
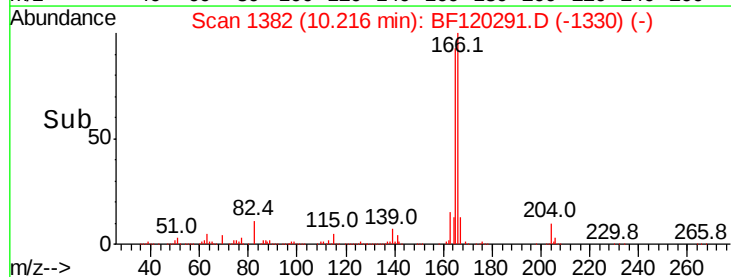


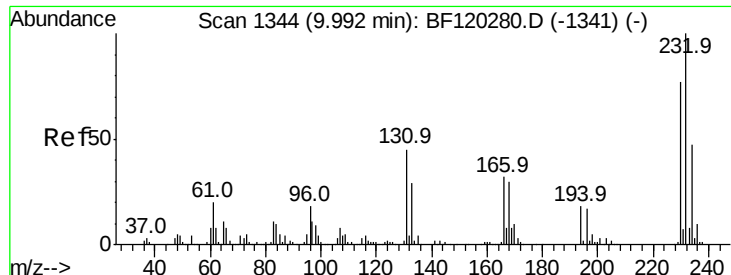
#58
 Fluorene
 Concen: 42.743 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:166 Resp: 1496491
 Ion Ratio Lower Upper
 166 100
 165 93.5 74.7 112.1
 167 13.4 11.4 17.0



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

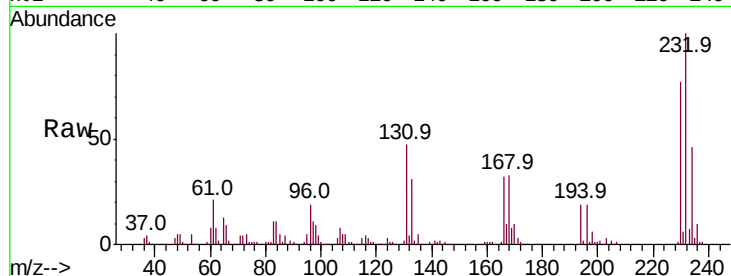




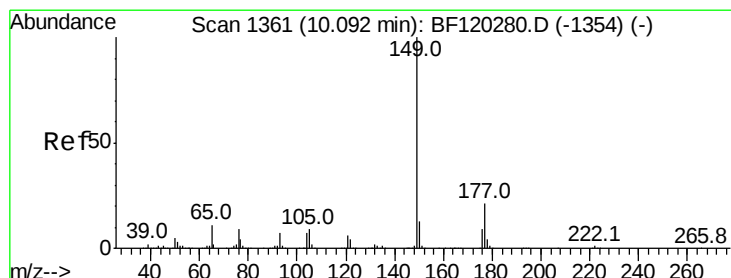
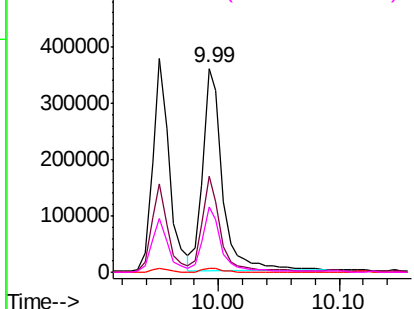
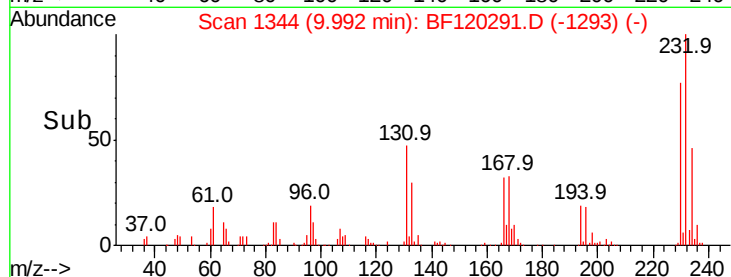
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.015 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion:	232	Resp:	407719
Ion	Ratio	Lower	Upper
232	100		
131	44.7	34.1	51.1
130	2.4	1.7	2.5
166	29.6	23.3	34.9

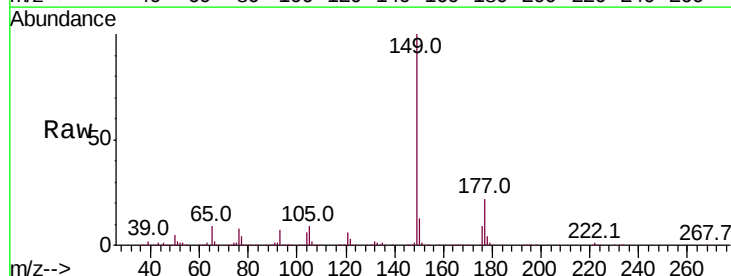


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

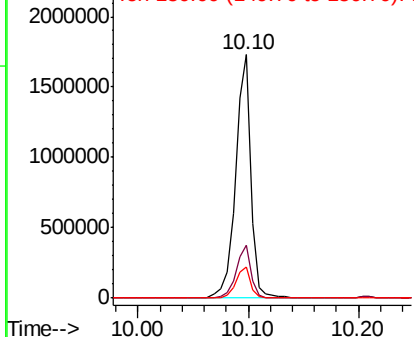
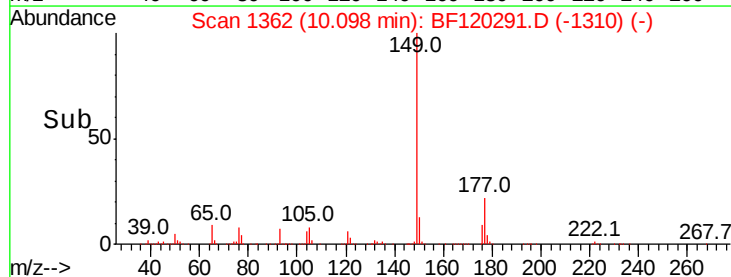


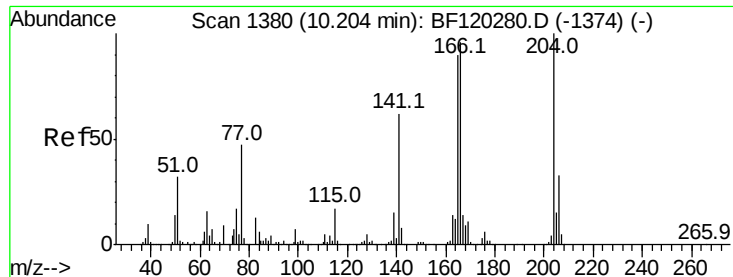
#60
 Diethylphthalate
 Concen: 41.316 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:	149	Resp:	1672688
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	10.3	15.5



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

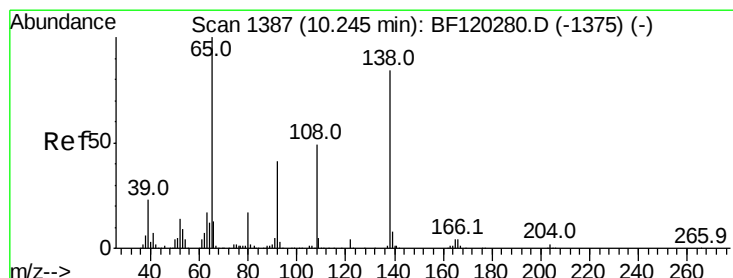
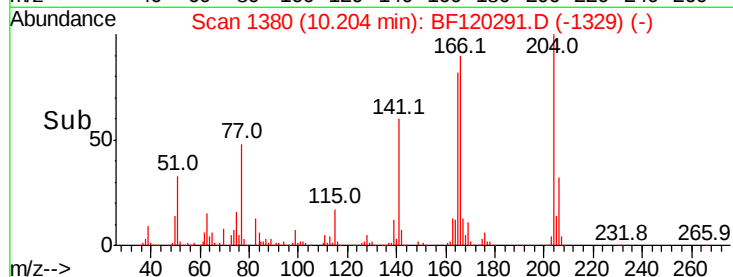
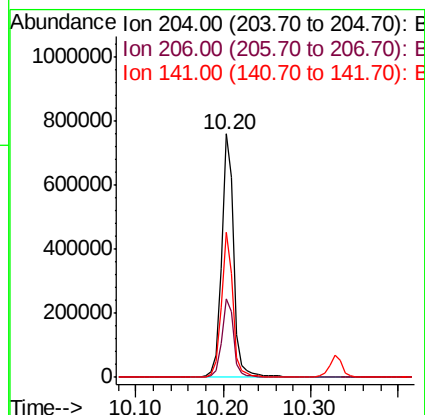
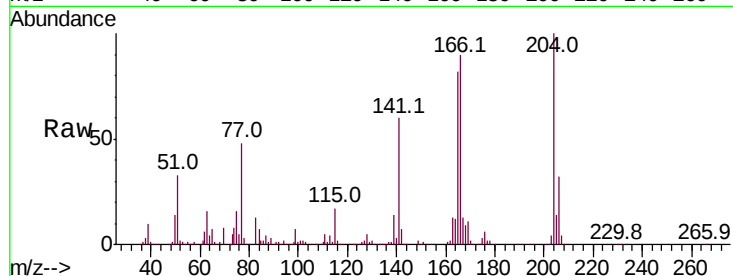




#61
4-Chlorophenyl-phenylether
Concen: 40.105 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

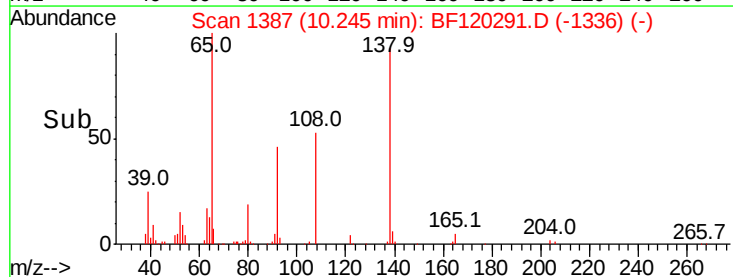
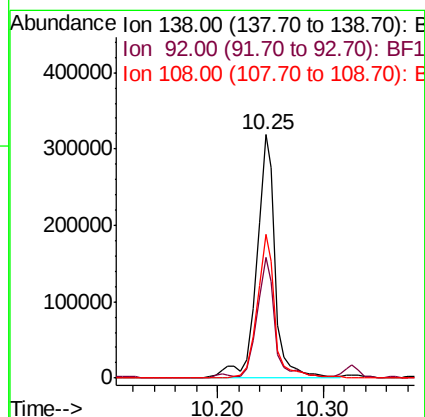
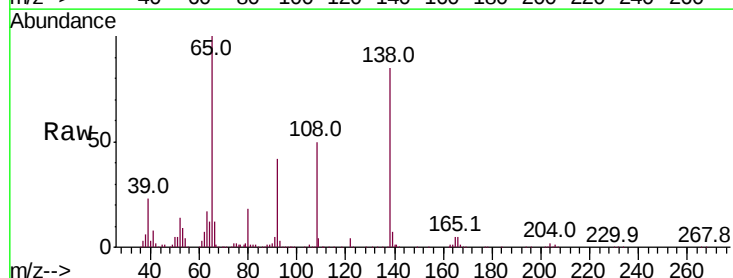
Instrument :
BNA_F
ClientSampleID :
PB128891BS

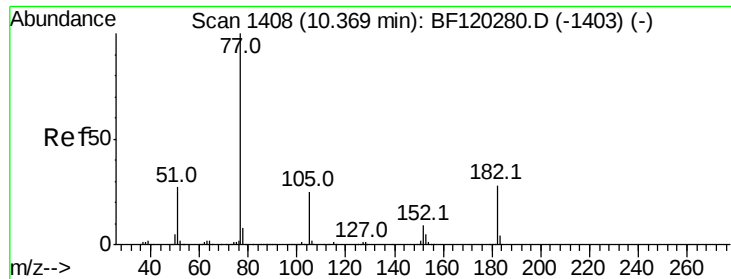
Tot Ion:204 Resp: 730042
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 59.8 49.5 74.3



#62
4-Nitroaniline
Concen: 38.078 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:138 Resp: 395752
Ion Ratio Lower Upper
138 100
92 49.5 28.9 68.9
108 59.0 38.4 78.4



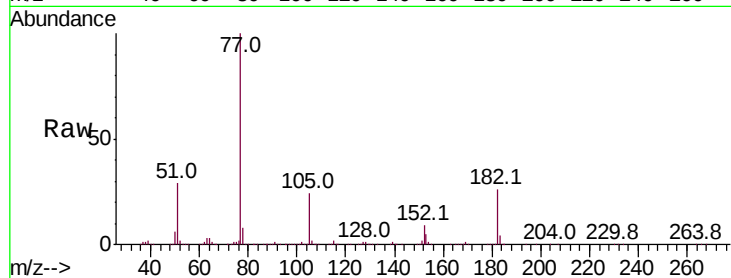


#63
Azobenzene
Concen: 42.582 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion: 77 Resp: 1629317

Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.4	47.4
105	23.7	4.4	44.4
51	28.8	8.3	48.3

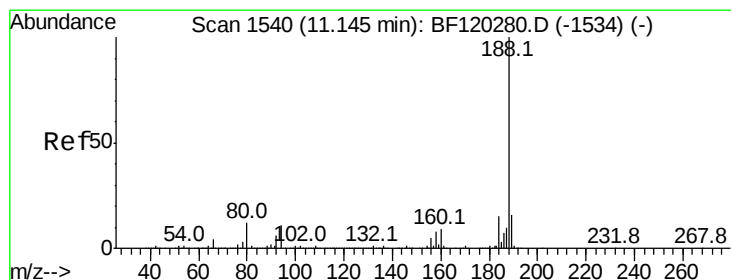
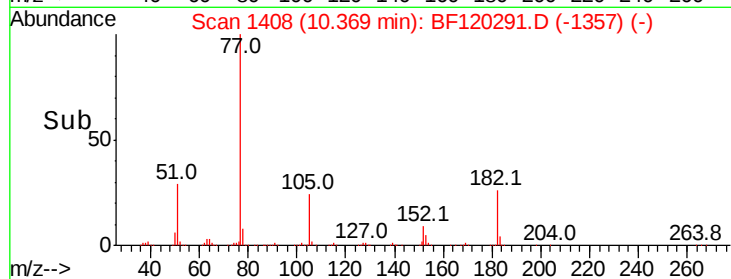
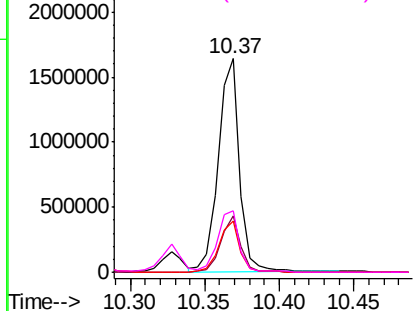


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

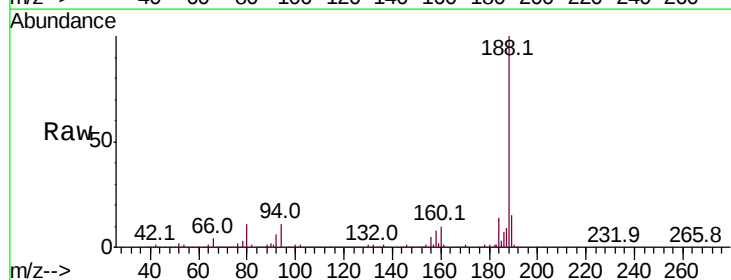
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion: 188 Resp: 1244496

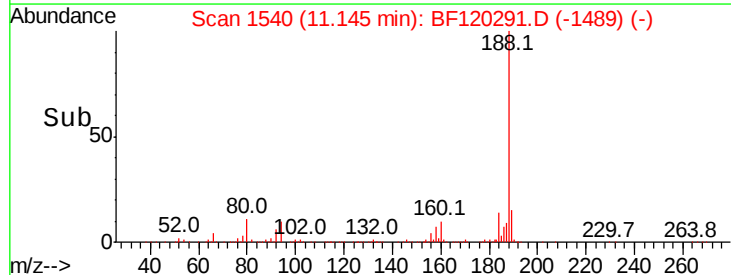
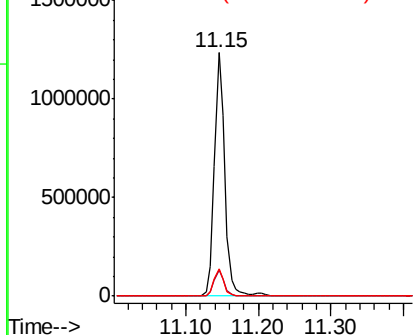
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	11.0	9.2	13.8

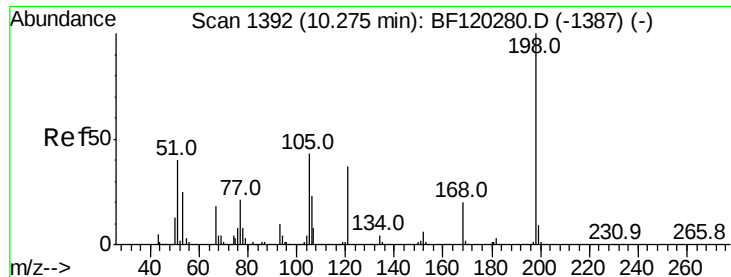


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

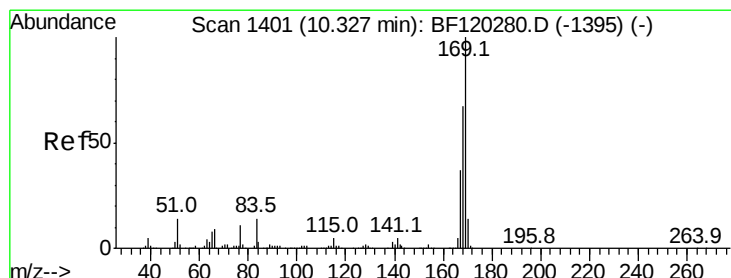
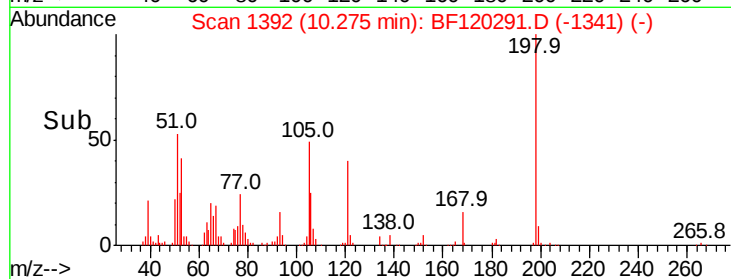
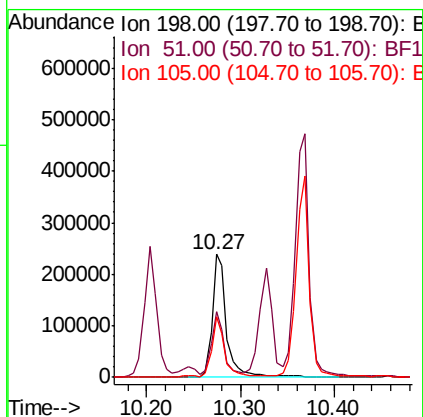
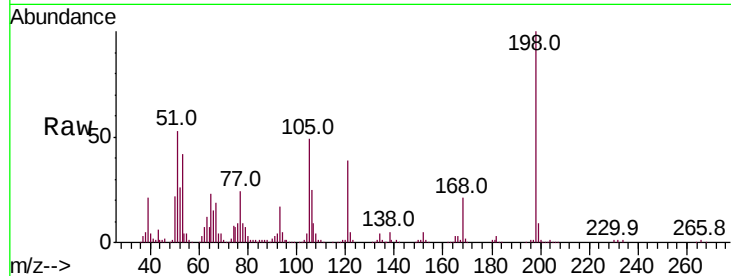




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.294 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

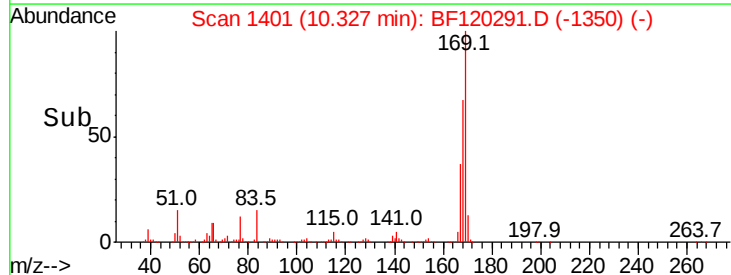
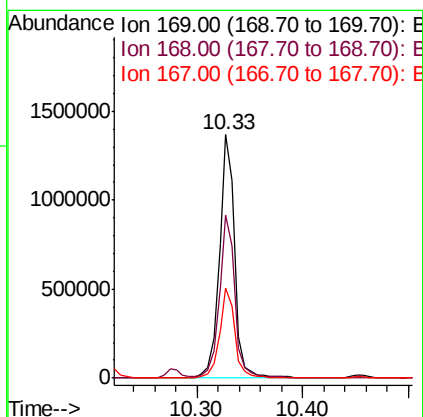
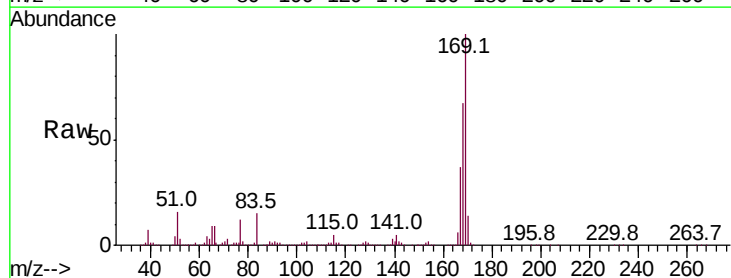
Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

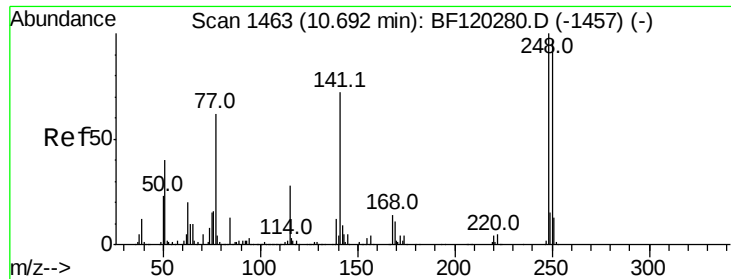
Tot Ion	Ratio	Lower	Upper
198	100		
51	53.2	27.1	67.1
105	49.1	24.3	64.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.415 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.7	80.5
167	36.8	29.8	44.6

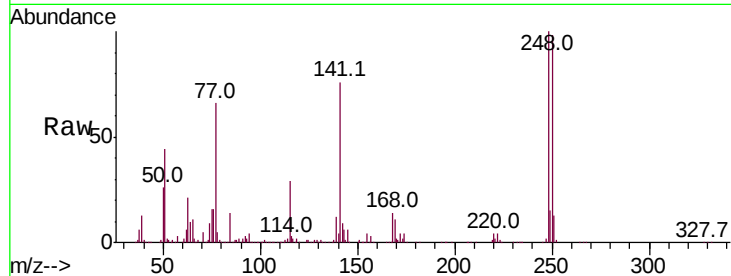




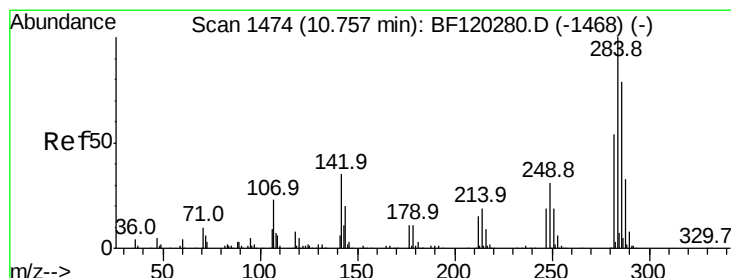
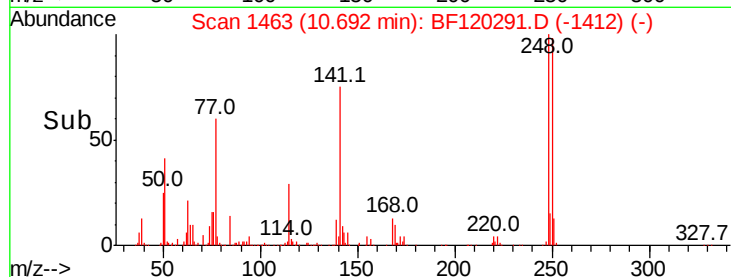
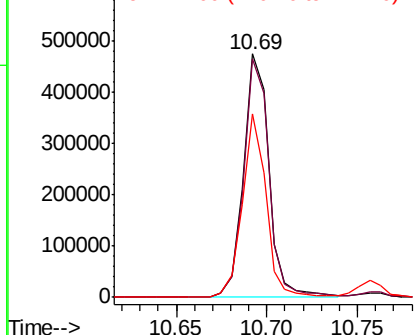
#67
4-Bromophenyl-phenylether
Concen: 38.297 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:248 Resp: 462485
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.6
141 75.5 57.7 86.5

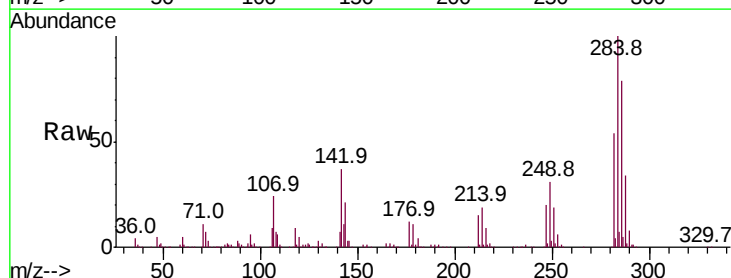


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

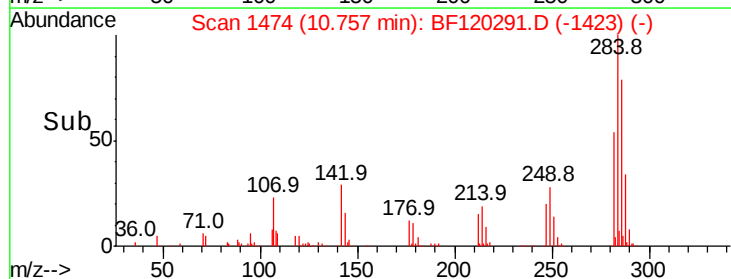
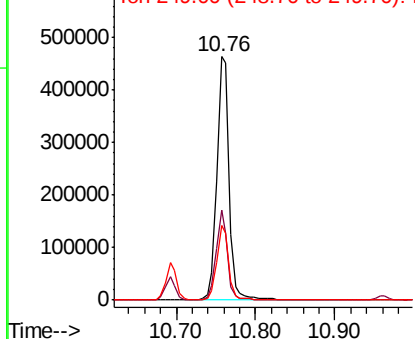


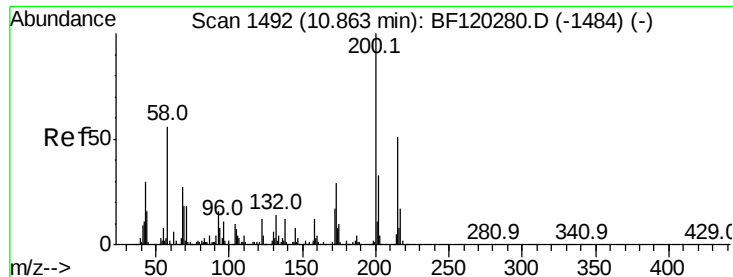
#68
Hexachlorobenzene
Concen: 39.517 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:284 Resp: 499245
Ion Ratio Lower Upper
284 100
142 36.9 28.5 42.7
249 30.7 24.8 37.2



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





#69

Atrazine

Concen: 38.217 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

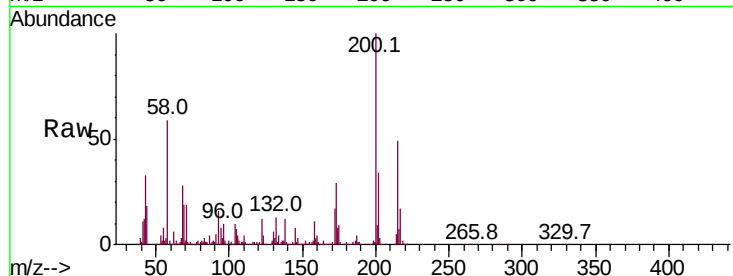
Tot Ion:200 Resp: 393727

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

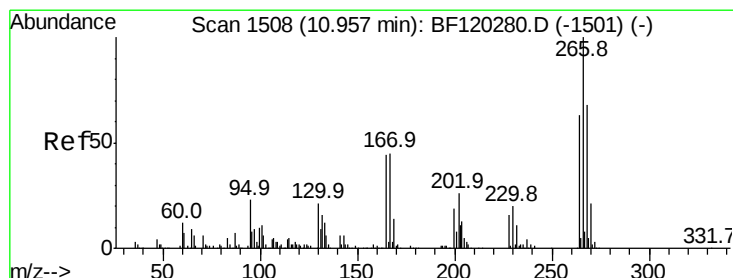
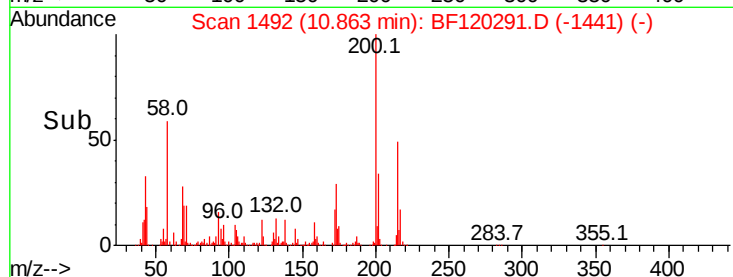
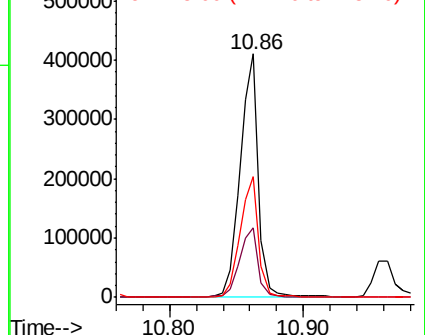
215 49.3 30.6 70.6



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: 74.972 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

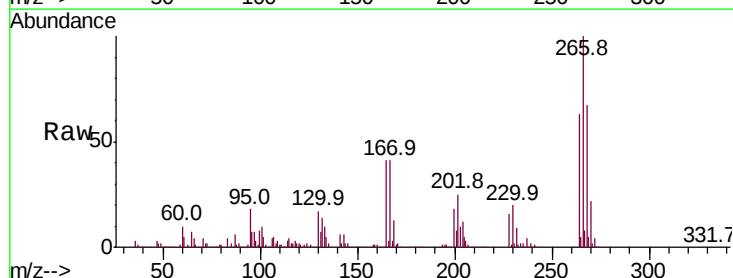
Tgt Ion:266 Resp: 402846

Ion Ratio Lower Upper

266 100

268 67.3 54.2 81.4

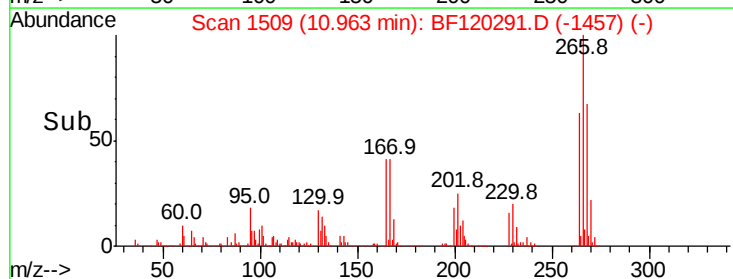
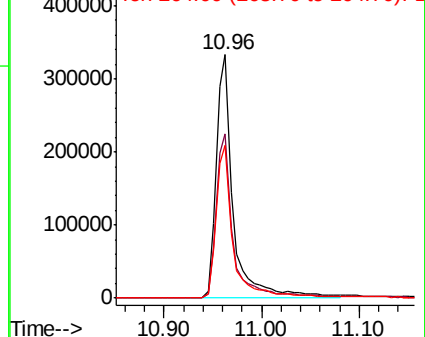
264 62.6 50.2 75.4

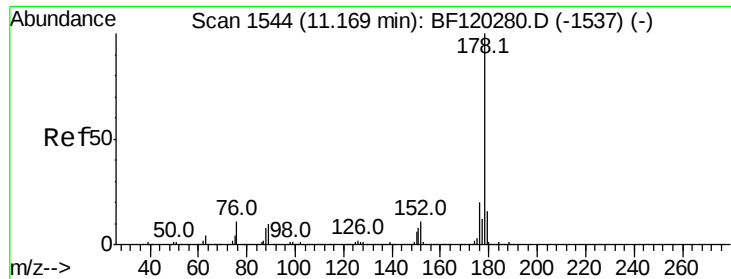


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

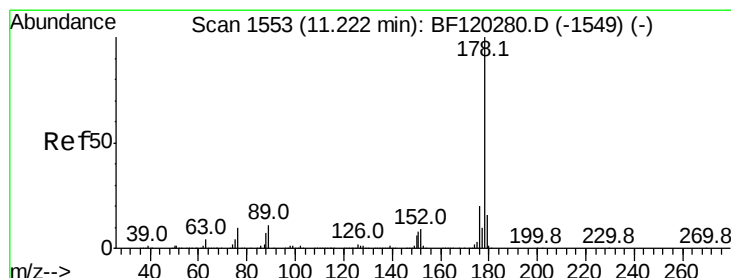
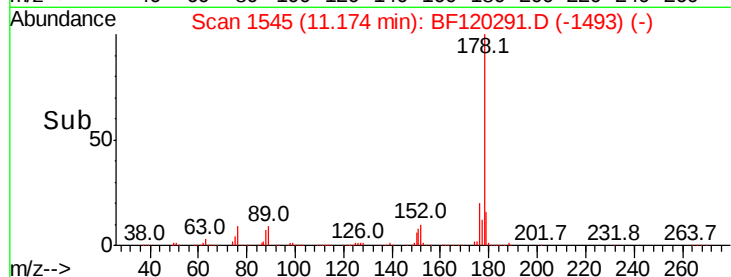
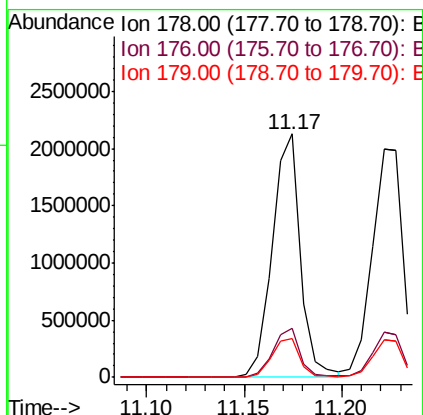
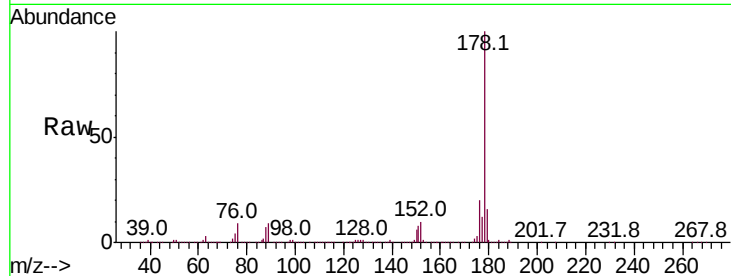




#71
Phenanthrene
Concen: 40.495 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

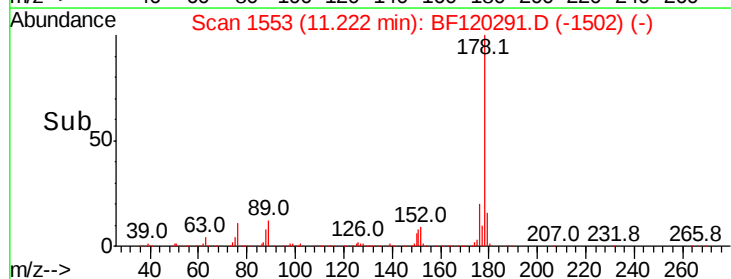
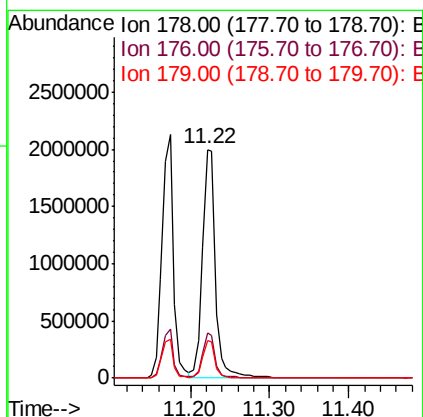
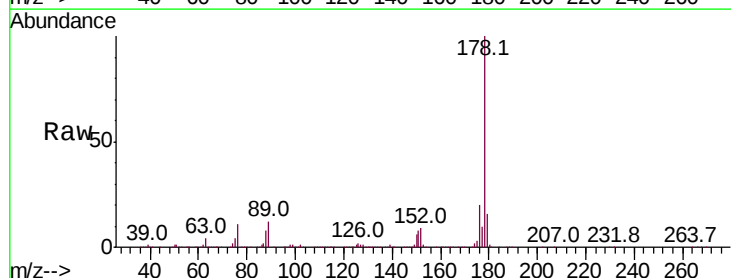
Instrument :
BNA_F
ClientSampleId :
PB128891BS

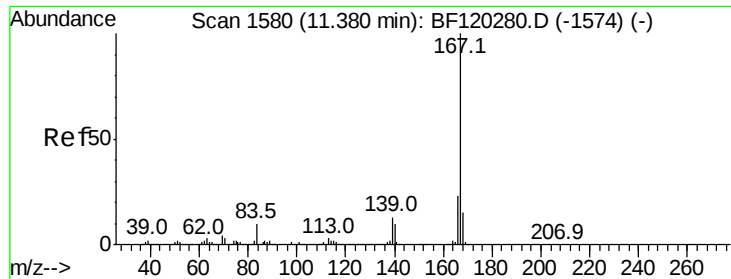
Tot Ion:178 Resp: 2117642
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.0 12.8 19.2



#72
Anthracene
Concen: 41.829 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:178 Resp: 2341684
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.5 13.0 19.6

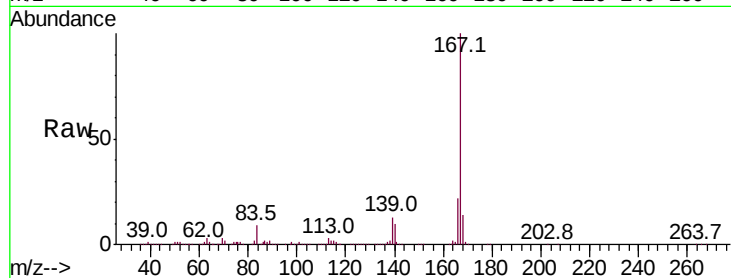




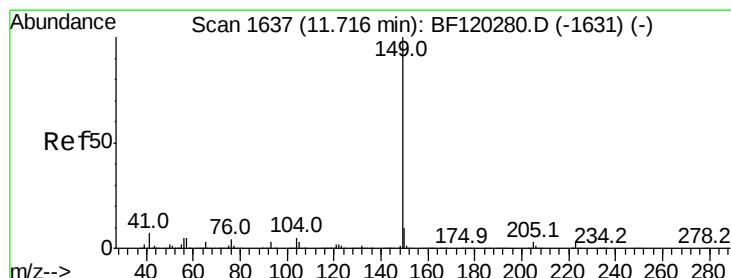
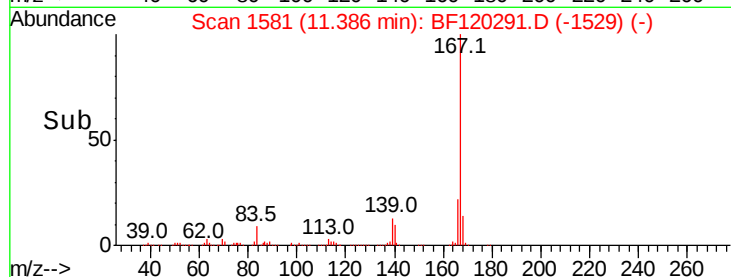
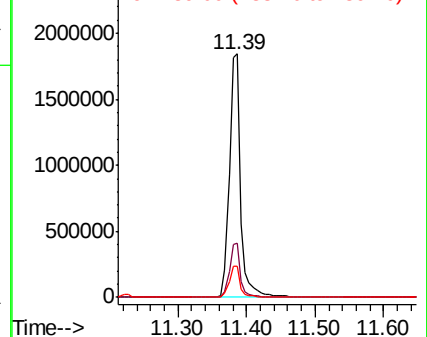
#73
 Carbazole
 Concen: 40.150 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion:167 Resp: 2100165
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.5 10.6 15.8

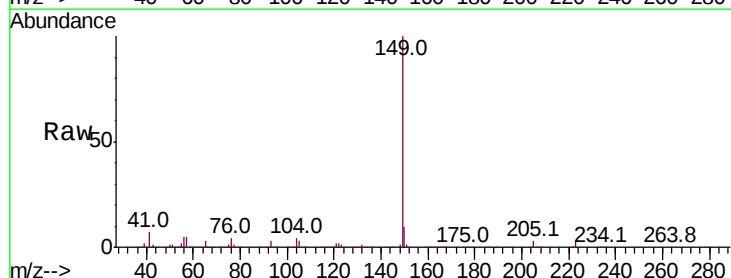


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 2000000 Ion 139.00 (138.70 to 139.70): E

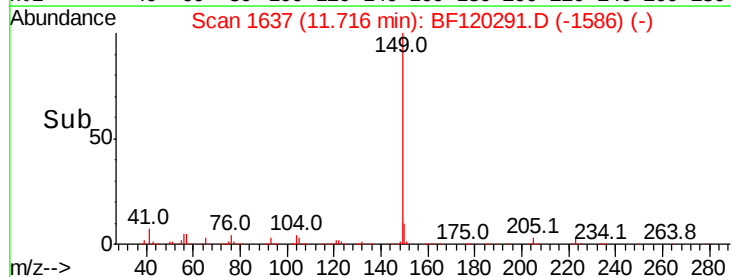
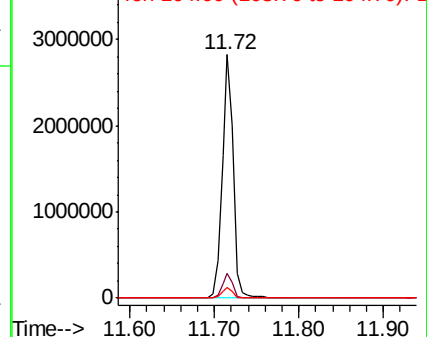


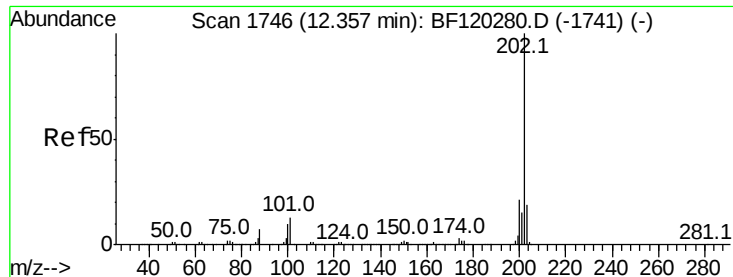
#74
 Di-n-butylphthalate
 Concen: 41.941 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:149 Resp: 2643994
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.4
 104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000 Ion 150.00 (149.70 to 150.70): E
 2000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.131 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

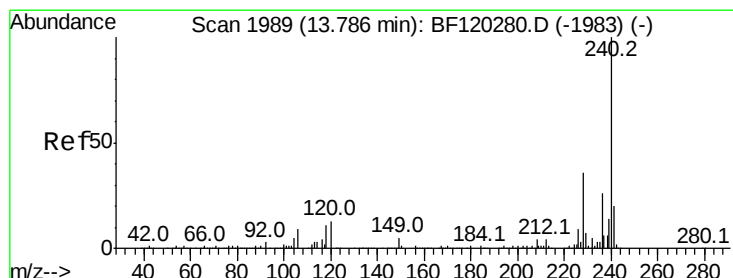
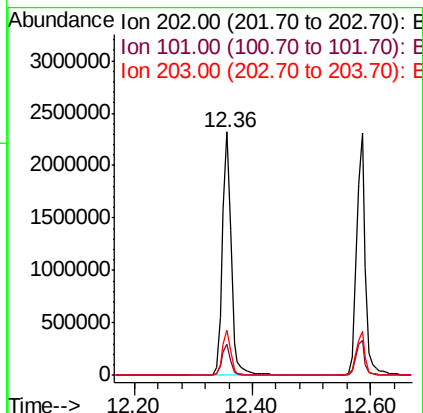
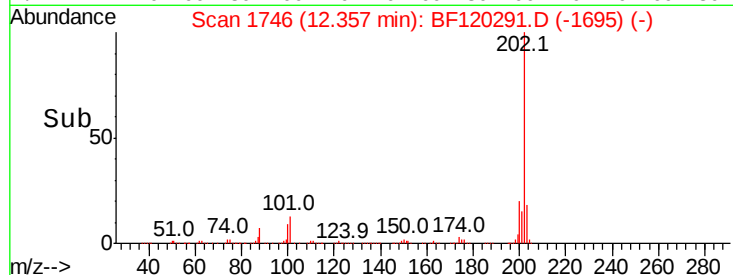
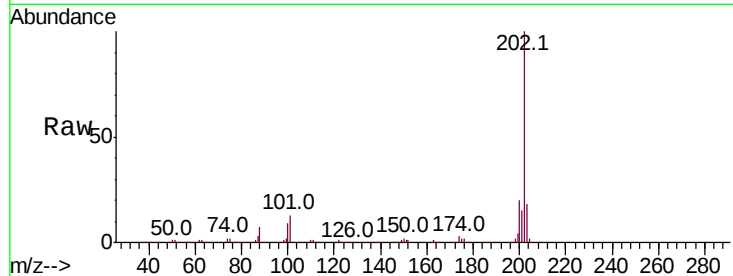
Tot Ion:202 Resp: 2361449

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

203 18.4 0.0 39.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

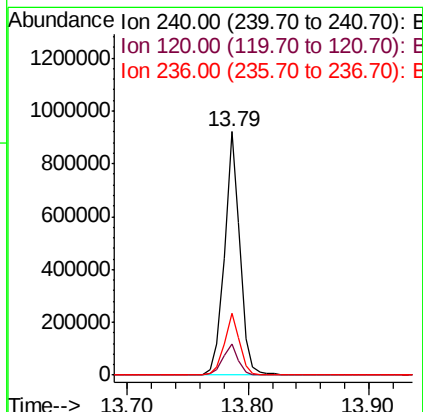
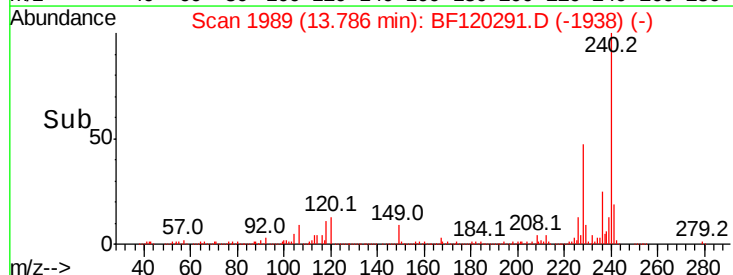
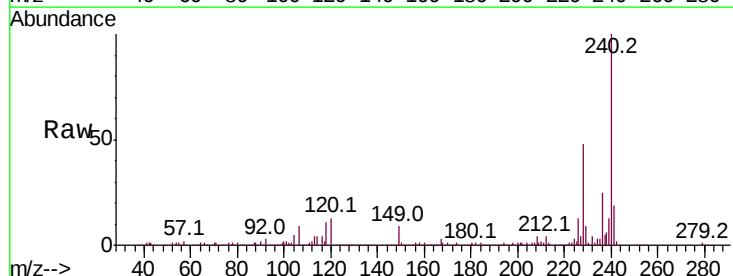
Tgt Ion:240 Resp: 808012

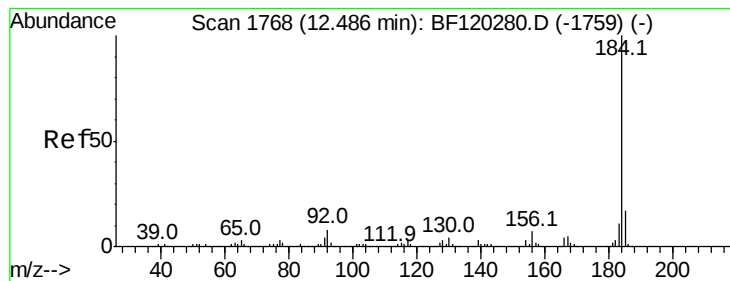
Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

236 25.4 21.0 31.6





#77

Benzidine

Concen: 38.642 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

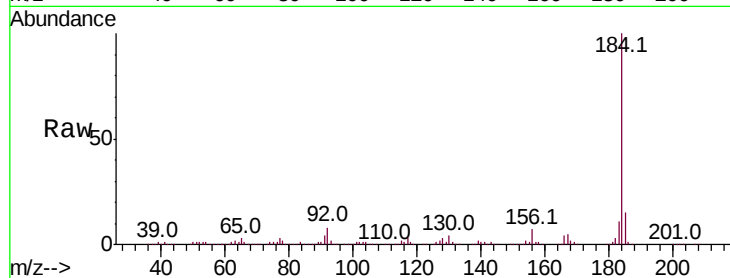
Tot Ion:184 Resp: 911778

Ion Ratio Lower Upper

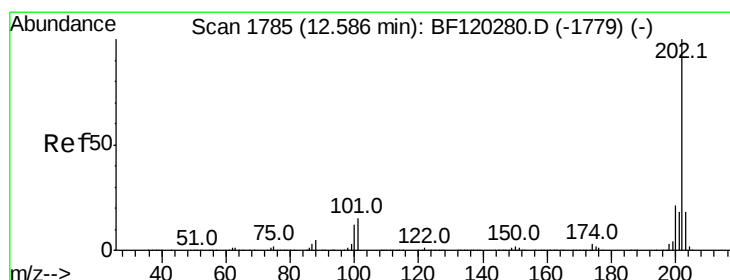
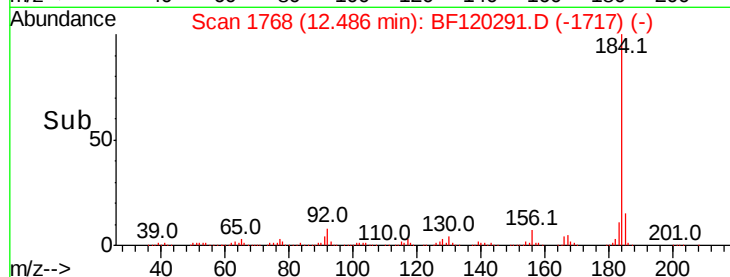
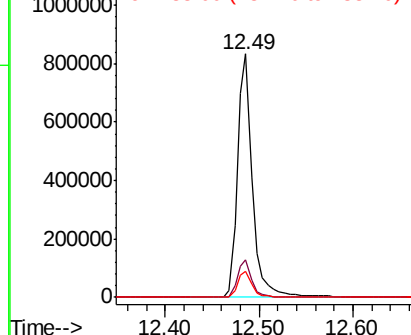
184 100

185 15.3 13.7 20.5

183 10.7 8.7 13.1



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: 41.337 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

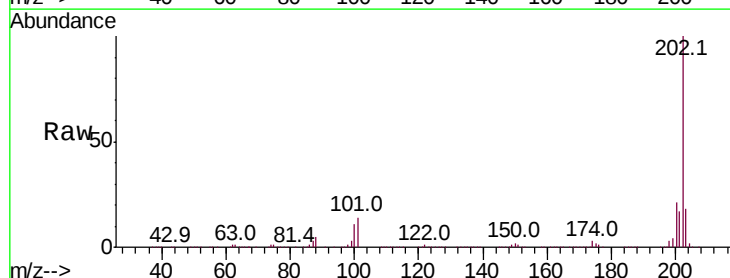
Tgt Ion:202 Resp: 2381158

Ion Ratio Lower Upper

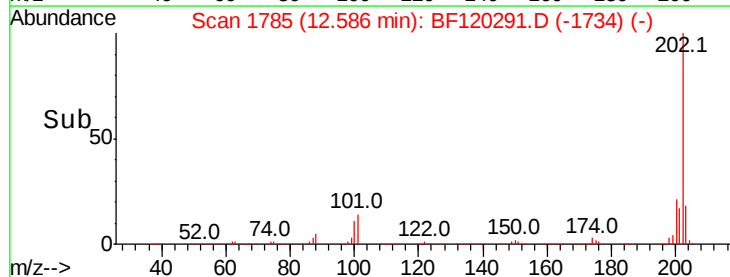
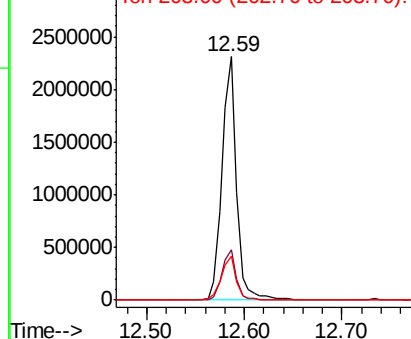
202 100

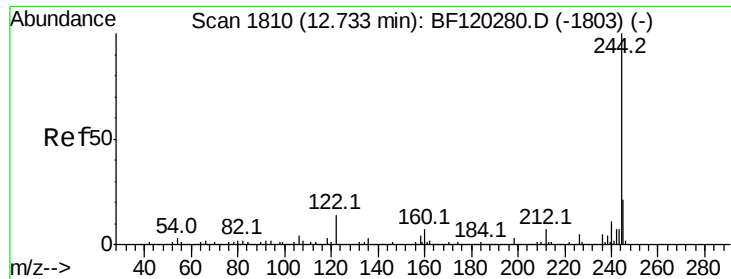
200 20.5 16.6 25.0

203 18.0 14.6 22.0



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





#79

Terphenyl-d14

Concen: 83.720 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

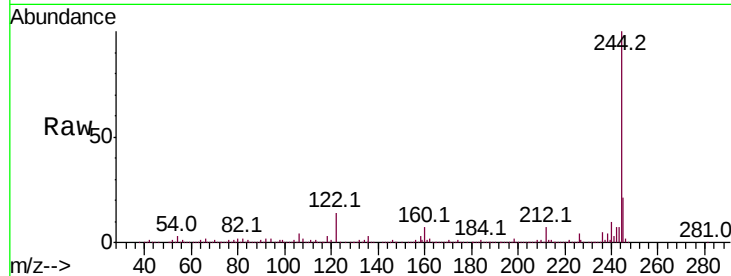
Tot Ion:244 Resp: 3062033

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

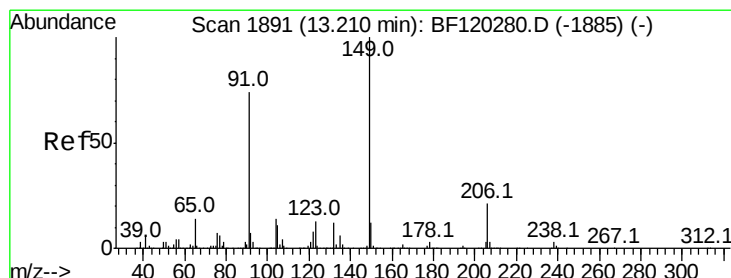
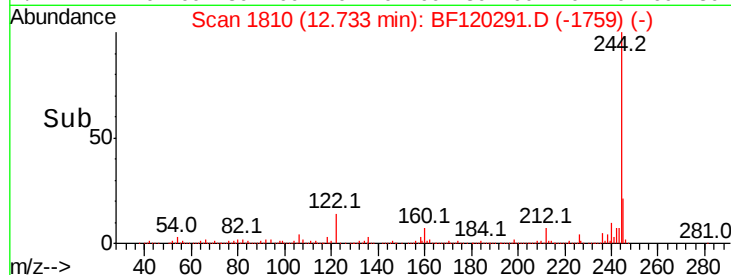
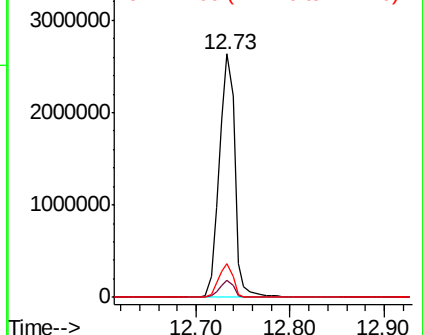
122 13.8 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.781 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

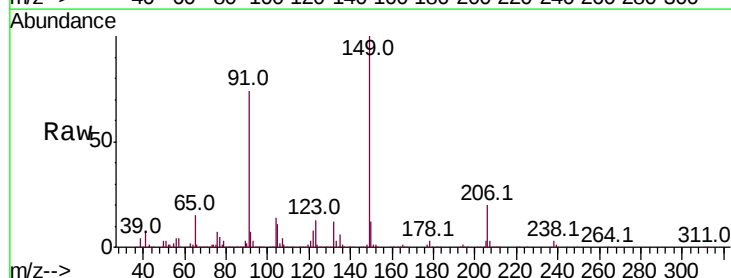
Tgt Ion:149 Resp: 1079045

Ion Ratio Lower Upper

149 100

91 73.9 59.0 88.4

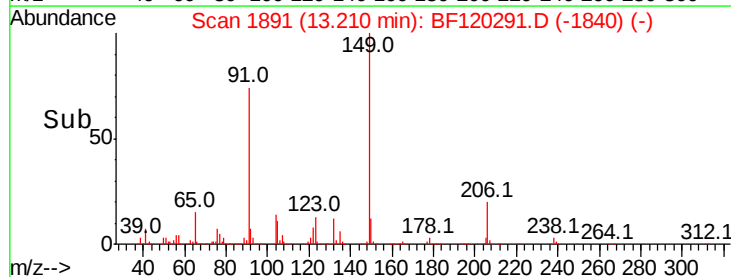
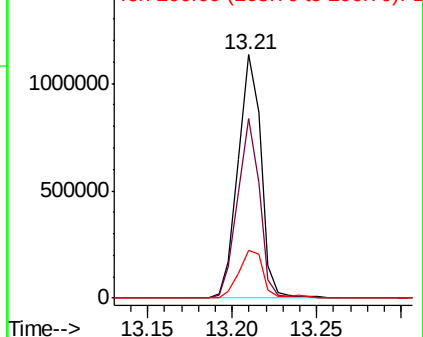
206 19.8 16.8 25.2

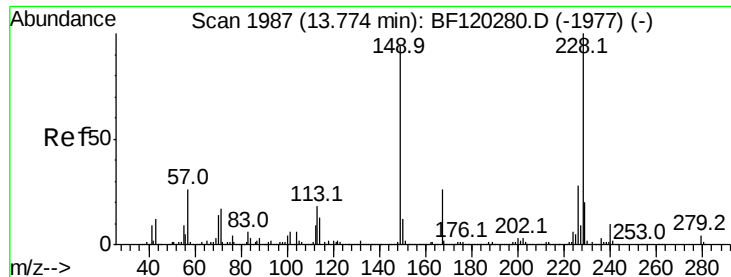


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.566 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

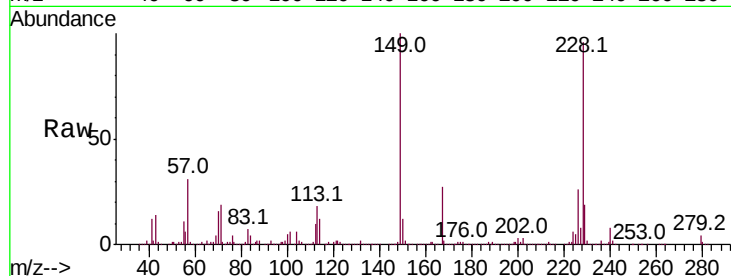
Tot Ion:228 Resp: 1728795

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

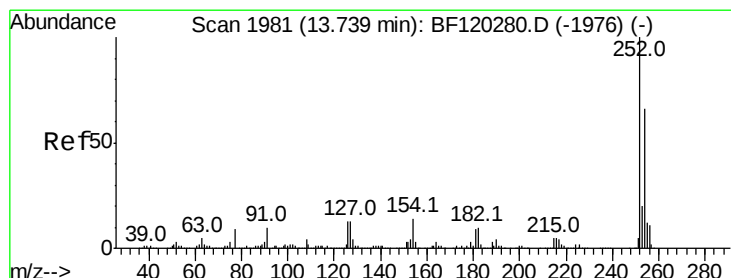
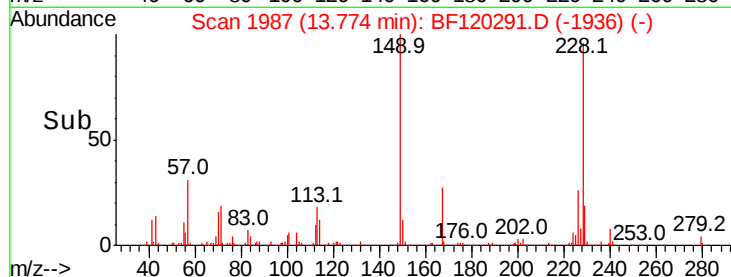
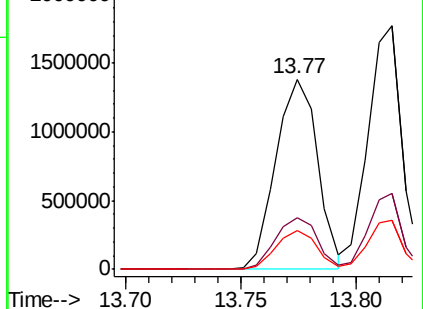
229 20.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.389 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

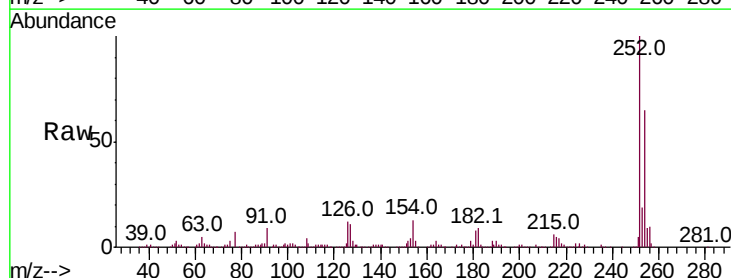
Tgt Ion:252 Resp: 375635

Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

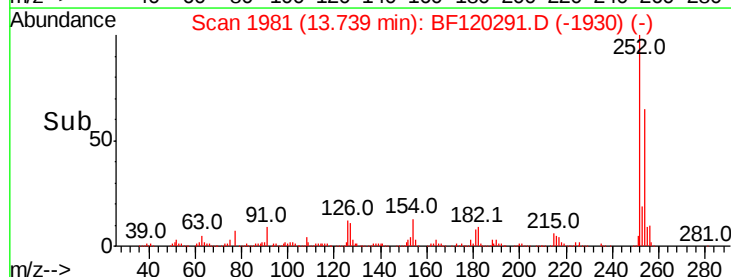
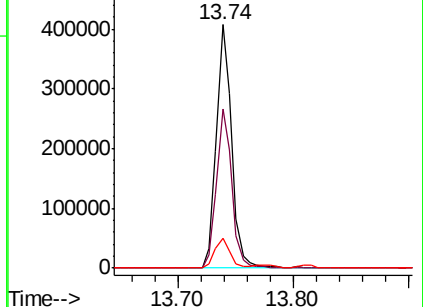
126 12.0 10.7 16.1

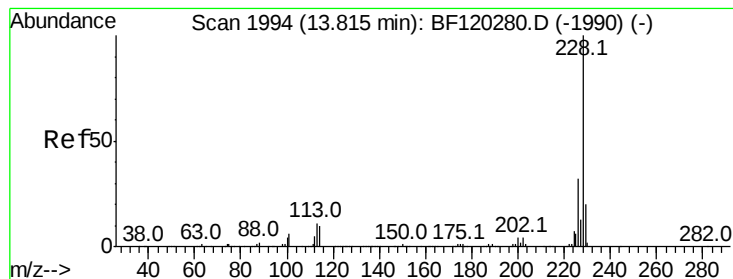


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.086 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

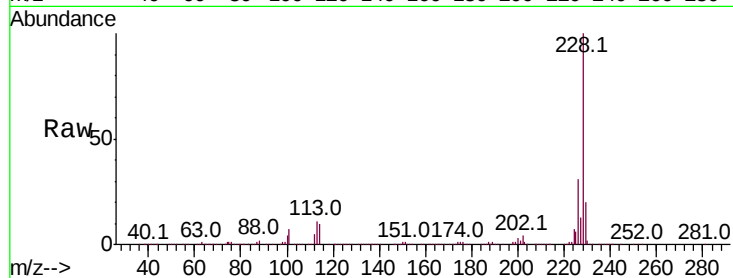
BNA_F

ClientSampleId :

PB128891BS

Tot Ion:228 Resp: 1834444

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	16.2	24.4

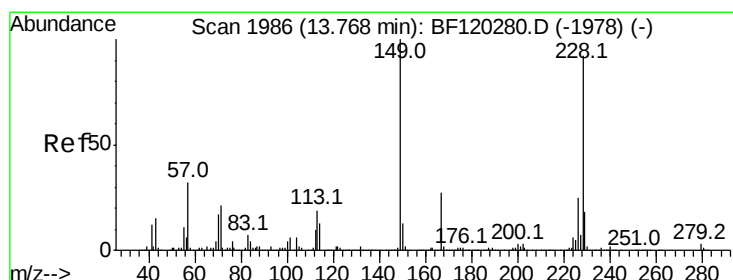
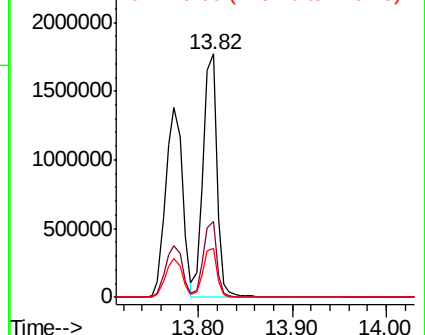
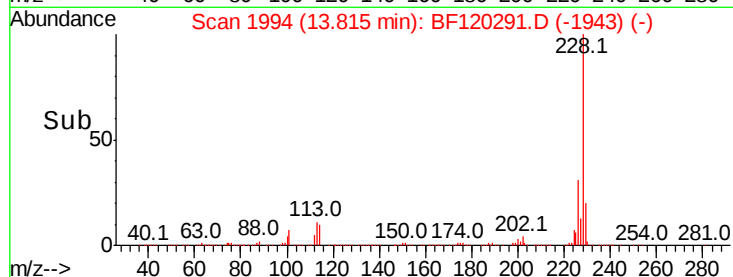


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.195 ng

RT: 13.77 min Scan# 1987

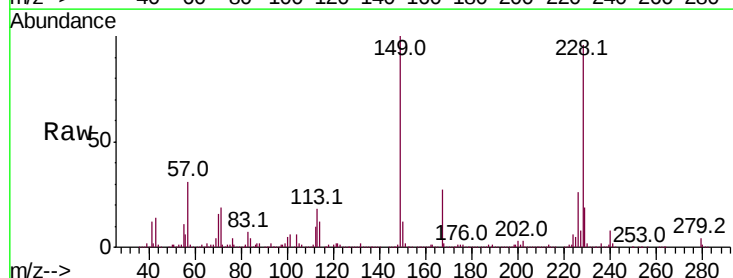
Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion:149 Resp: 1390218

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	3.7	2.8	4.2

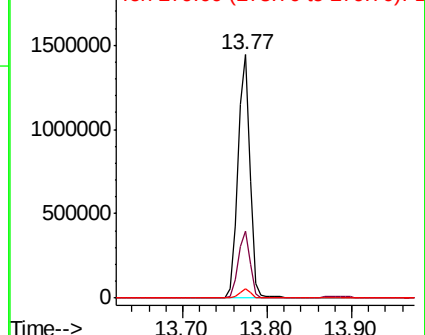
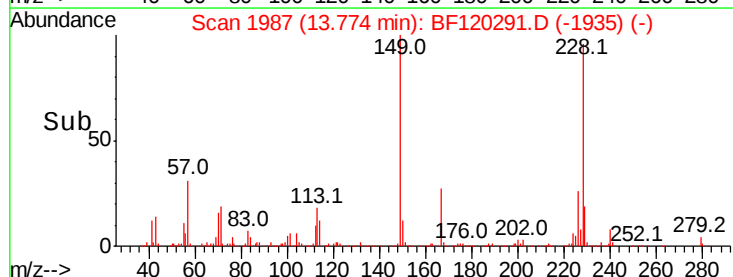


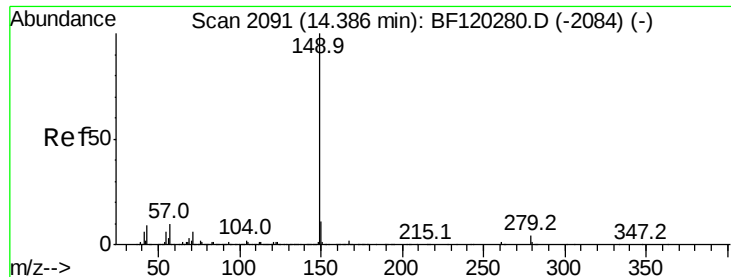
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.735 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

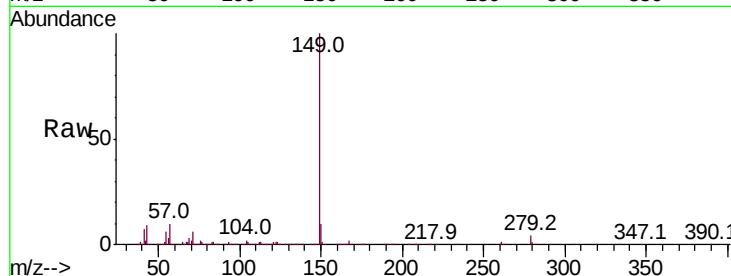
Tot Ion:149 Resp: 2533751

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

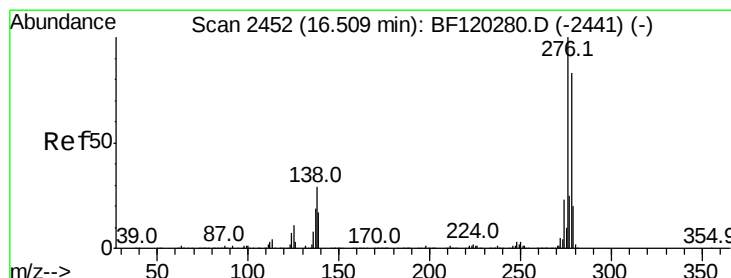
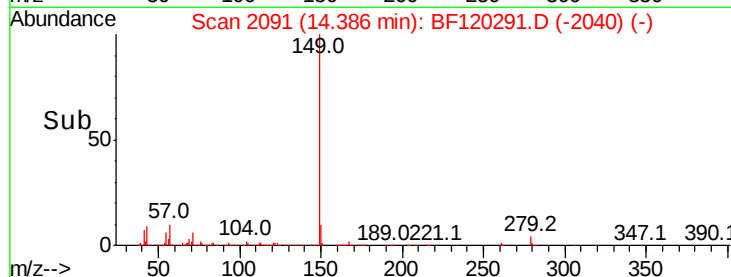
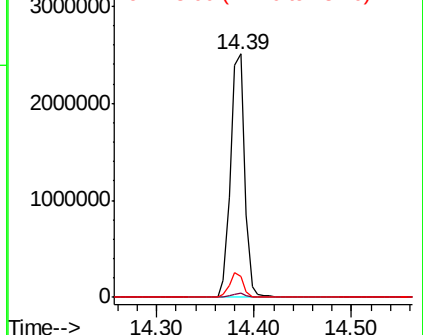
43 9.8 7.5 11.3



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

Indeno(1,2,3-cd)pyrene

Concen: 38.465 ng

RT: 16.50 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

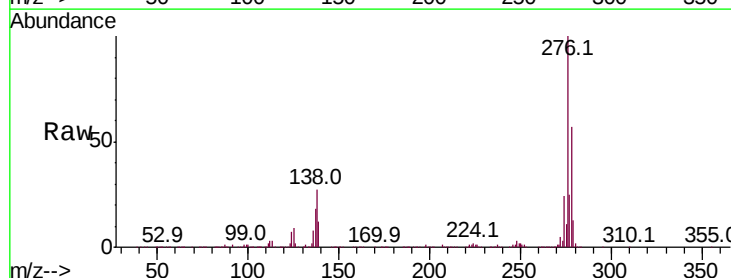
Tgt Ion:276 Resp: 1597629

Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

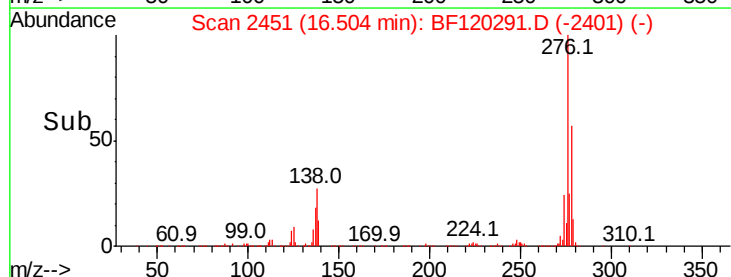
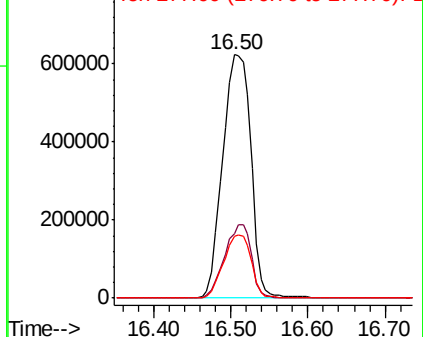
277 25.4 20.2 30.4

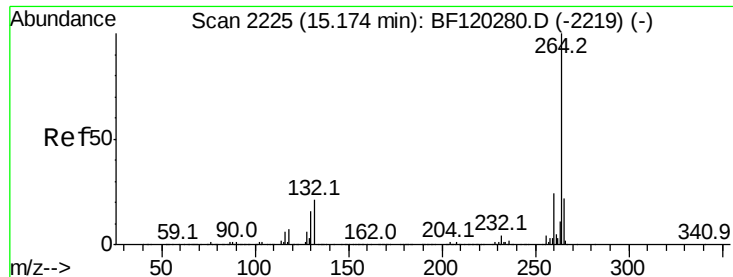


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

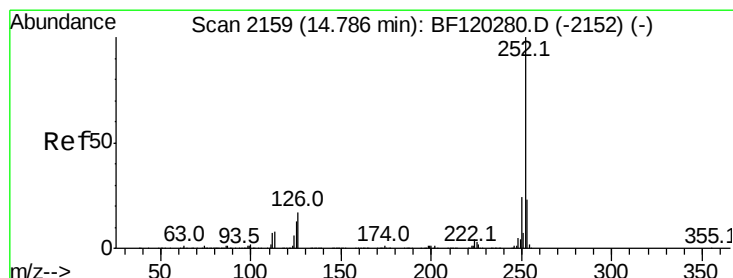
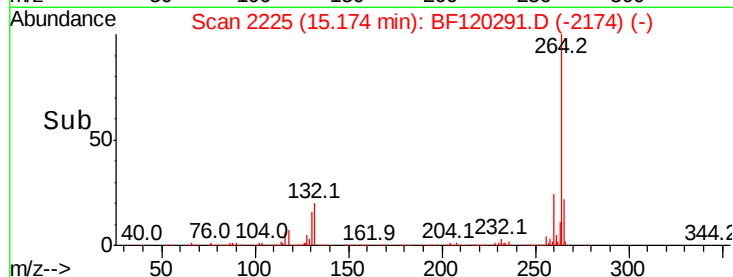
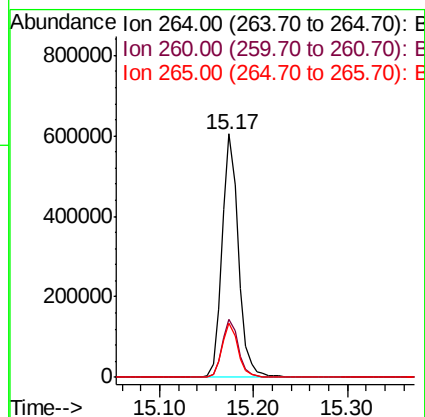
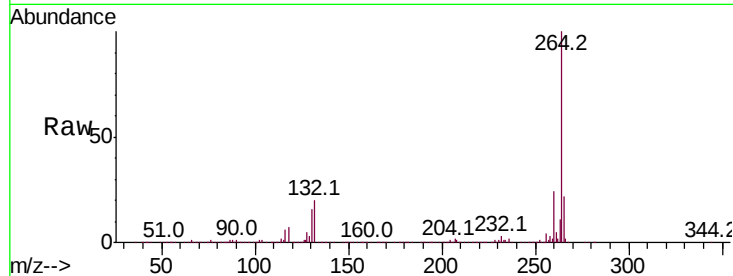




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

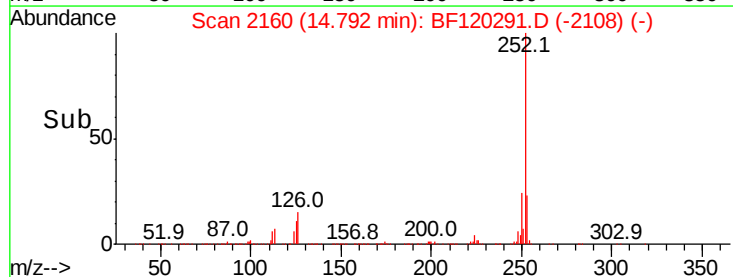
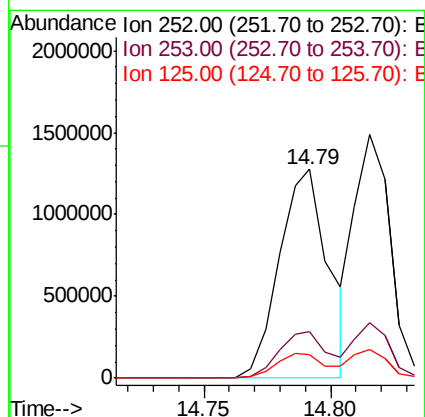
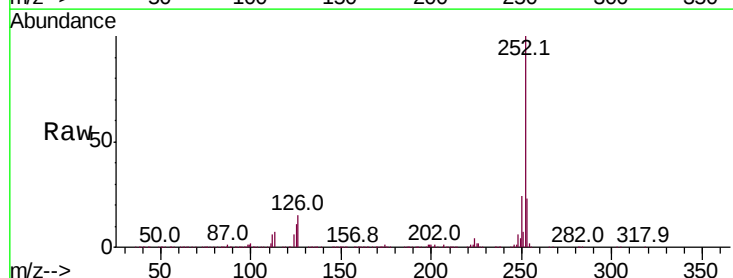
Instrument :
BNA_F
ClientSampleId :
PB128891BS

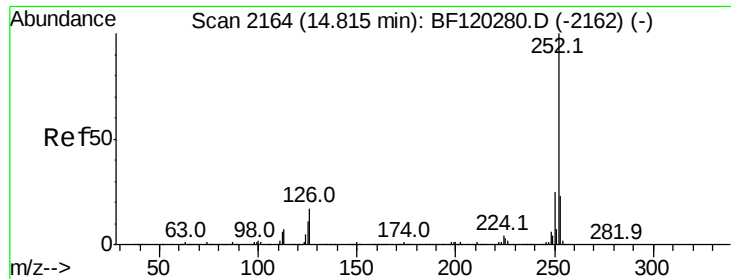
Tot Ion:264 Resp: 737496
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.4 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 42.605 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:252 Resp: 1715966
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.3 10.4 15.6

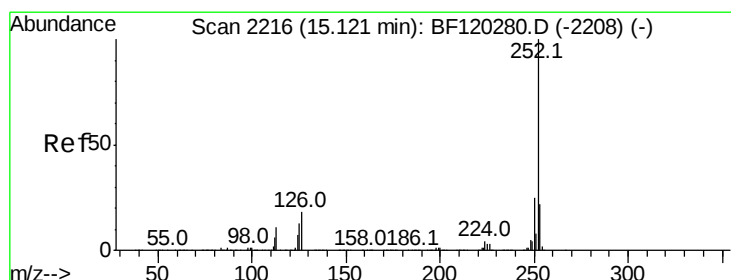
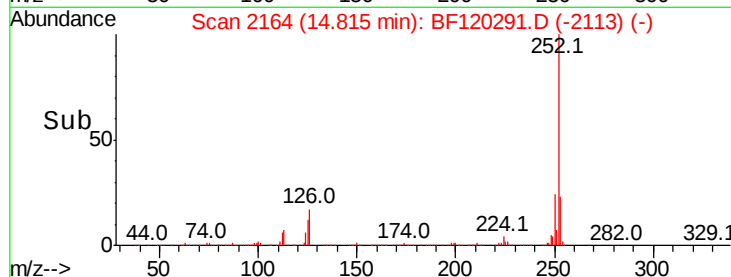
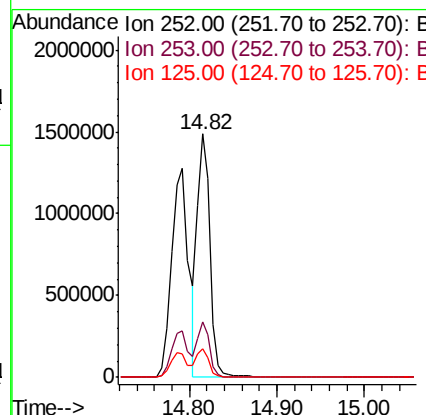
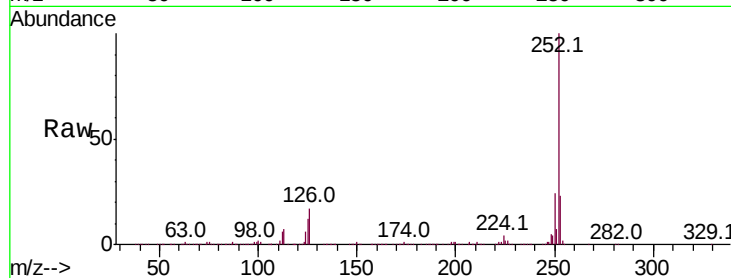




#89
Benzo(k)fluoranthene
Concen: 43.035 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

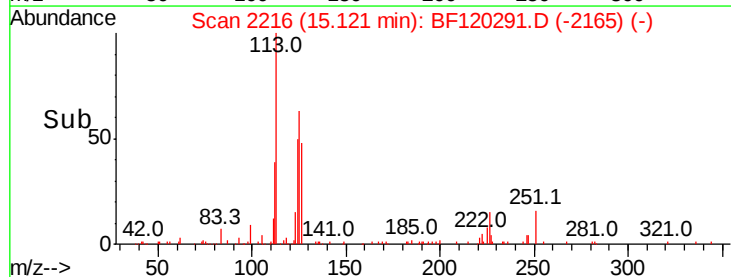
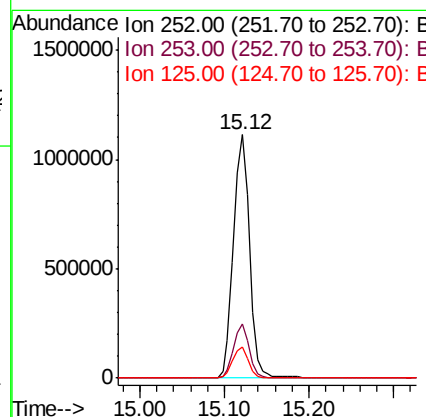
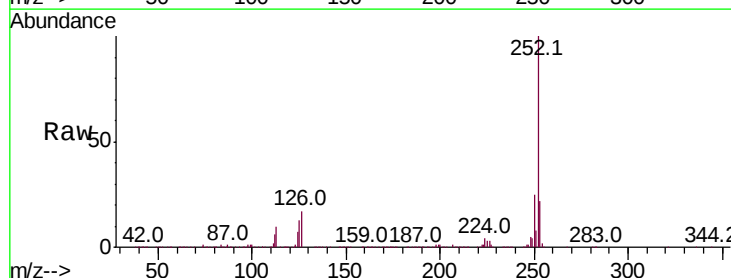
Instrument :
BNA_F
ClientSampleId :
PB128891BS

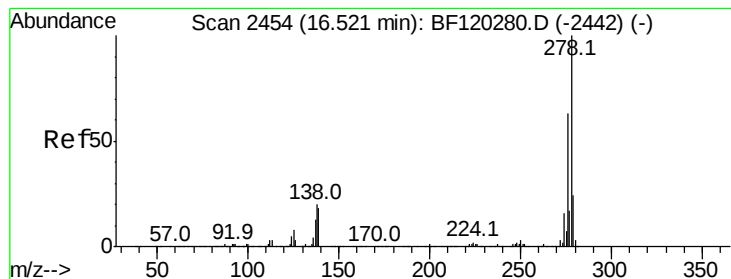
Tot Ion:252 Resp: 1501681
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.106 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:252 Resp: 1448679
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 13.0 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.965 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

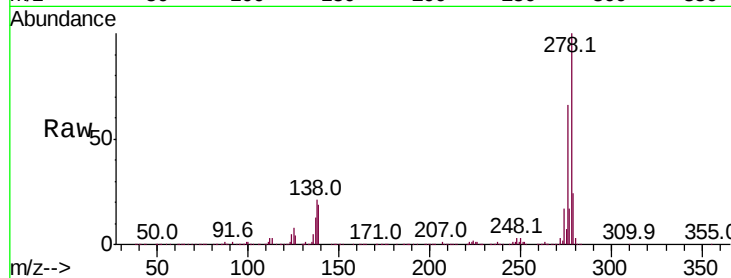
Tot Ion:278 Resp: 1342868

Ion Ratio Lower Upper

278 100

139 18.5 14.7 22.1

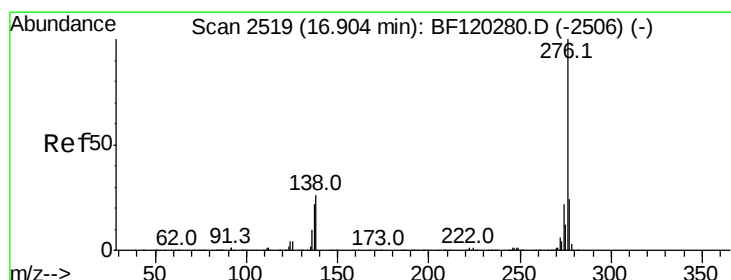
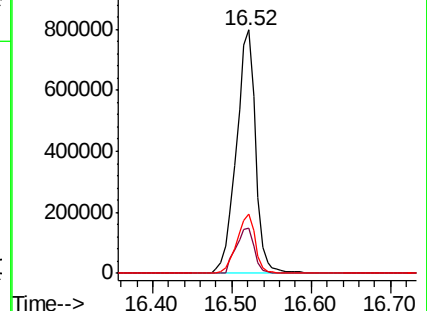
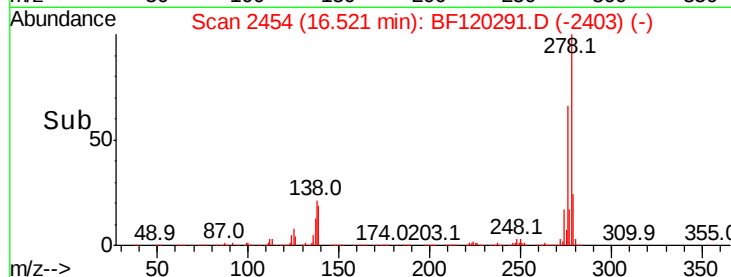
279 24.2 19.2 28.8



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: 42.043 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

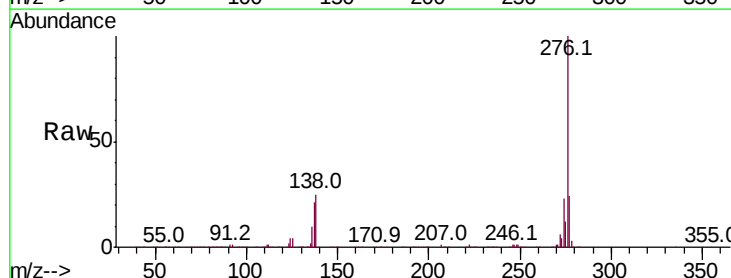
Tgt Ion:276 Resp: 1356659

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 24.7 20.8 31.2



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

