

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
 Data File : BF120360.D
 Acq On : 19 May 2020 13:34
 Operator : MA/SJ
 Sample : PB128986BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

Quant Time: May 19 14:11:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	255013	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	997408	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	480143	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	903116	20.00	ng	0.00
76) Chrysene-d12	13.77	240	631696	20.00	ng	0.00
87) Perylene-d12	15.15	264	565184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1905353	145.38	ng	0.01
7) Phenol-d6	6.26	99	2361986	142.51	ng	0.00
23) Nitrobenzene-d5	7.17	82	1519420	104.30	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	588479	150.32	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2619412	112.08	ng	0.00
79) Terphenyl-d14	12.72	244	2992085	104.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	288571	55.349	ng	99
3) Pyridine	2.91	79	655011	39.967	ng	97
4) n-Nitrosodimethylamine	2.86	42	343648	53.550	ng	97
6) Aniline	6.26	93	627805	29.618	ng	92
8) 2-Chlorophenol	6.39	128	735847	48.152	ng	97
9) Benzaldehyde	6.14	77	442579	43.316	ng	99
10) Phenol	6.27	94	883744	45.676	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	680693	44.043	ng	95
12) 1,3-Dichlorobenzene	6.53	146	720539	44.064	ng	99
13) 1,4-Dichlorobenzene	6.61	146	756923	44.943	ng	99
14) 1,2-Dichlorobenzene	6.76	146	671159	44.253	ng	98
15) Benzyl Alcohol	6.75	79	561987	47.727	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	1148372	47.149	ng	76
17) 2-Methylphenol	6.87	107	572477	44.376	ng	95
18) Hexachloroethane	7.10	117	279546	43.570	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	498526	45.912	ng	92
20) 3+4-Methylphenols	7.03	107	743647	44.337	ng	96
22) Acetophenone	7.02	105	988153	48.361	ng	97
24) Nitrobenzene	7.19	77	746361	47.605	ng	96
25) Isophorone	7.43	82	1401619	46.241	ng	99
26) 2-Nitrophenol	7.50	139	400284	48.817	ng	94
27) 2,4-Dimethylphenol	7.56	122	620521	52.023	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	888515	46.636	ng	99
29) 2,4-Dichlorophenol	7.76	162	580675	47.401	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	621590	45.789	ng	98
31) Naphthalene	7.90	128	2016025	47.892	ng	99
32) Benzoic acid	7.72	122	373174	47.730	ng	99
33) 4-Chloroaniline	7.96	127	359540	18.742	ng	98
34) Hexachlorobutadiene	8.02	225	343998	43.841	ng	98
35) Caprolactam	8.35	113	107116	26.727	ng	94
36) 4-Chloro-3-methylphenol	8.47	107	613426	46.288	ng	100
37) 2-Methylnaphthalene	8.60	142	1303526	45.251	ng	98
38) 1-Methylnaphthalene	8.70	142	1242521	44.472	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	573511	47.370	ng	99

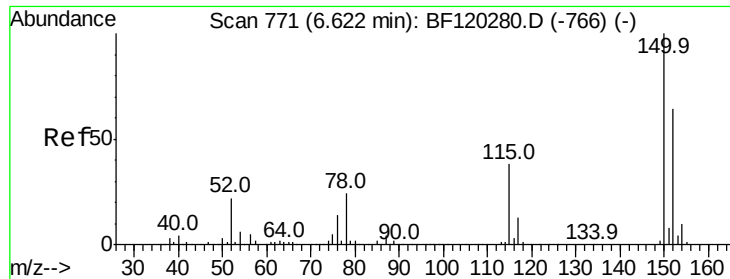
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
 Data File : BF120360.D
 Acq On : 19 May 2020 13:34
 Operator : MA/SJ
 Sample : PB128986BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

Quant Time: May 19 14:11:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	461182	91.321	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	382199	47.030	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	412026	44.148	ng	98
46) 1,1'-Biphenyl	9.06	154	1521338	48.359	ng	99
47) 2-Chloronaphthalene	9.09	162	1160234	45.977	ng	100
48) 2-Nitroaniline	9.19	65	416740	45.261	ng	98
49) Acenaphthylene	9.50	152	1828994	47.447	ng	99
50) Dimethylphthalate	9.37	163	1381691	45.522	ng	99
51) 2,6-Dinitrotoluene	9.44	165	308254	45.504	ng	95
52) Acenaphthene	9.67	154	1079127	46.703	ng	100
53) 3-Nitroaniline	9.60	138	168895	20.907	ng	97
54) 2,4-Dinitrophenol	9.72	184	305736	95.612	ng	95
55) Dibenzofuran	9.85	168	1604166	48.211	ng	99
56) 4-Nitrophenol	9.80	139	398362	91.773	ng	93
57) 2,4-Dinitrotoluene	9.85	165	380079	47.830	ng	92
58) Fluorene	10.19	166	1269602	50.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	338823	48.240	ng	100
60) Diethylphthalate	10.07	149	1381556	47.148	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	607588	46.116	ng	98
62) 4-Nitroaniline	10.23	138	323626	43.021	ng	100
63) Azobenzene	10.35	77	1368514	49.415	ng	96
65) 4,6-Dinitro-2-methylphenol	10.26	198	217514	47.624	ng	89
66) n-Nitrosodiphenylamine	10.31	169	1175854	47.061	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	384968	43.928	ng	98
68) Hexachlorobenzene	10.74	284	419144	45.717	ng	93
69) Atrazine	10.84	200	337175	45.099	ng	97
70) Pentachlorophenol	10.94	266	360049	92.336	ng	99
71) Phenanthrene	11.15	178	1797581	47.368	ng	100
72) Anthracene	11.20	178	1978332	48.696	ng	99
73) Carbazole	11.36	167	1800745	47.439	ng	99
74) Di-n-butylphthalate	11.70	149	2271962	49.663	ng	99
75) Fluoranthene	12.34	202	2048058	50.352	ng	96
77) Benzidine	12.46	184	949141	51.453	ng	96
78) Pyrene	12.56	202	2225545	49.419	ng	100
80) Butylbenzylphthalate	13.19	149	952279	44.907	ng	98
81) Benzo(a)anthracene	13.76	228	1558791	46.786	ng	98
82) 3,3'-Dichlorobenzidine	13.72	252	367866	29.299	ng	100
83) Chrysene	13.80	228	1645304	45.988	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1235178	46.817	ng	100
85) Di-n-octyl phthalate	14.37	149	2344006	49.386	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1335511	41.129	ng	99
88) Benzo(b)fluoranthene	14.77	252	1522208	49.317	ng	99
89) Benzo(k)fluoranthene	14.80	252	1290821	48.270	ng	99
90) Benzo(a)pyrene	15.10	252	1295073	46.785	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	1108975	45.222	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1137682	46.006	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

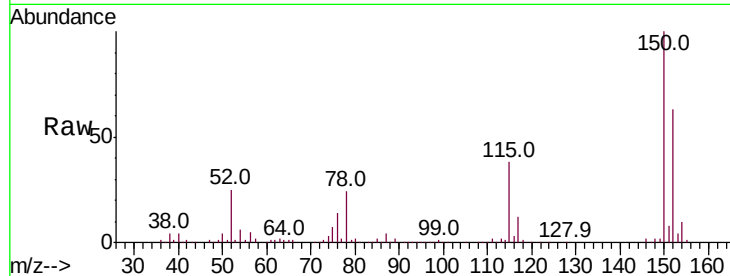
Tot Ion:152 Resp: 255013

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

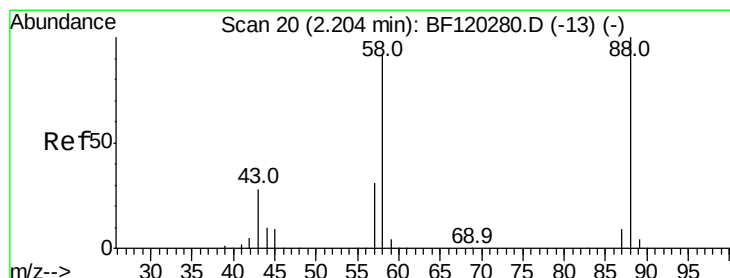
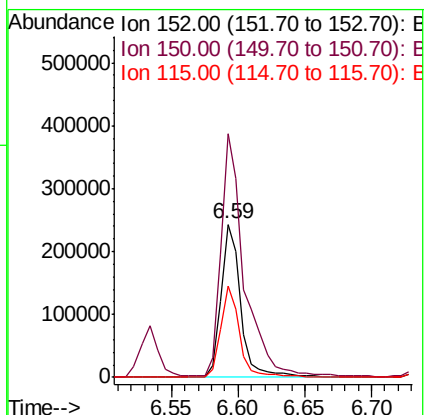
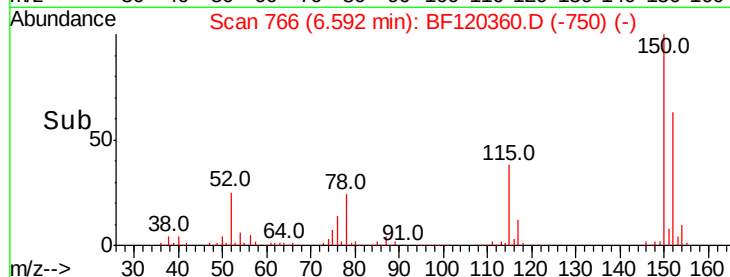
115 59.9 47.9 71.9



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: 55.349 ng

RT: 2.25 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

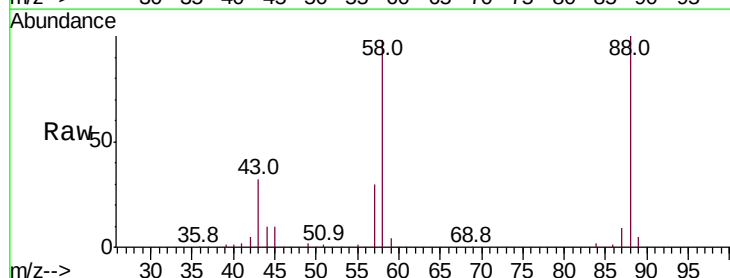
Tgt Ion: 88 Resp: 288571

Ion Ratio Lower Upper

88 100

58 94.9 75.8 113.6

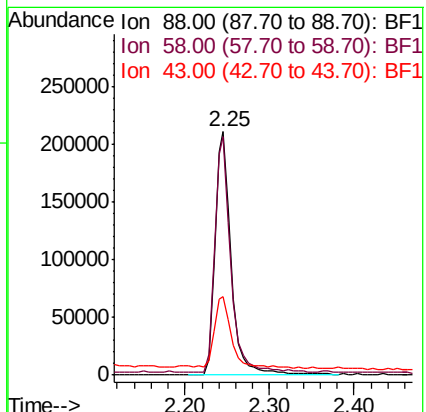
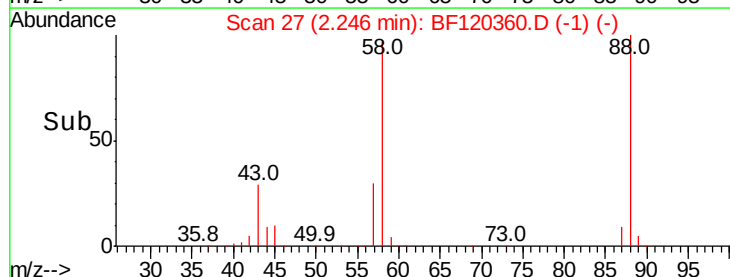
43 31.1 23.6 35.4

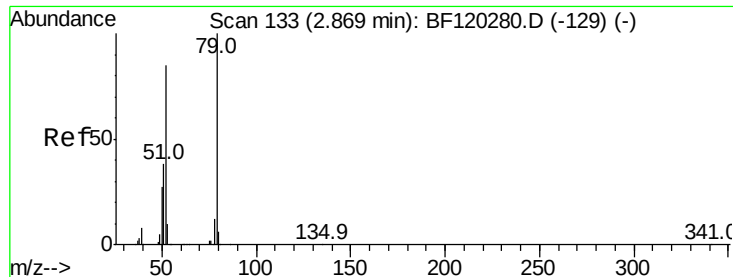


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.967 ng

RT: 2.91 min Scan# 140

Delta R.T. 0.09 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

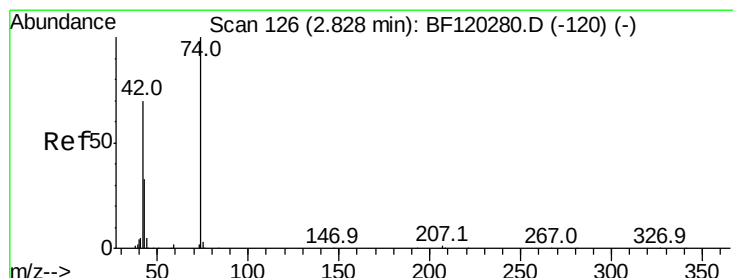
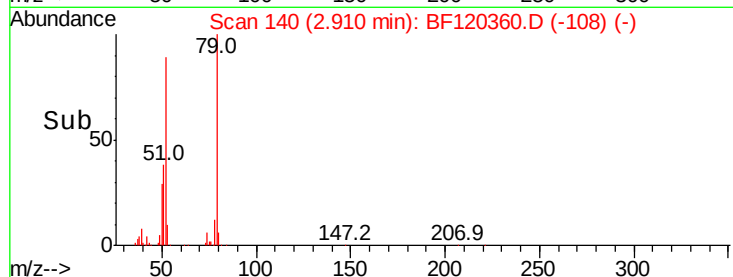
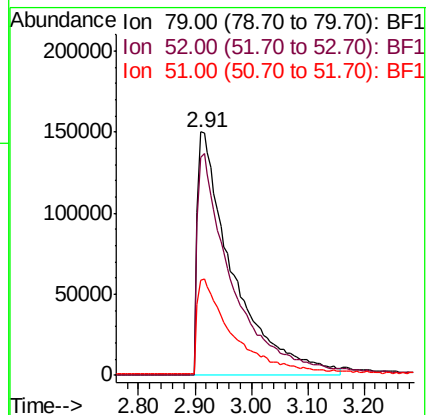
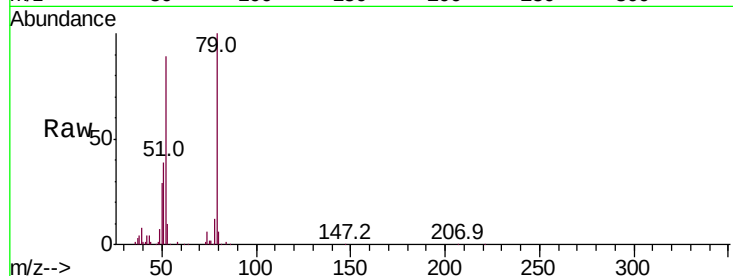
Tot Ion: 79 Resp: 655011

Ion Ratio Lower Upper

79 100

52 89.4 68.4 102.6

51 38.9 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 53.550 ng

RT: 2.86 min Scan# 131

Delta R.T. 0.07 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

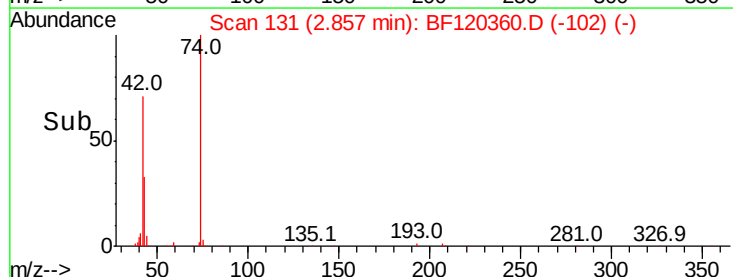
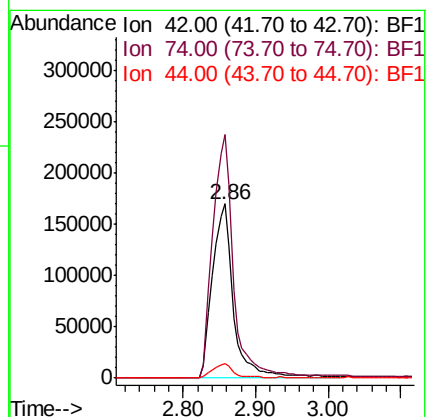
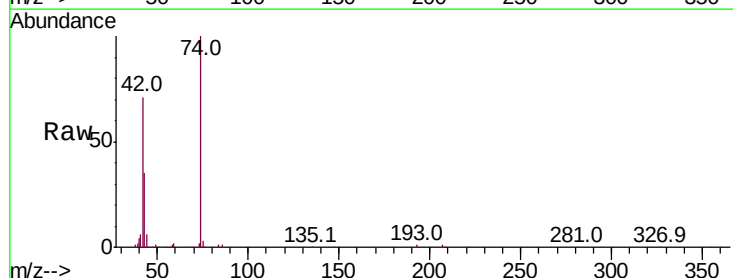
Tgt Ion: 42 Resp: 343648

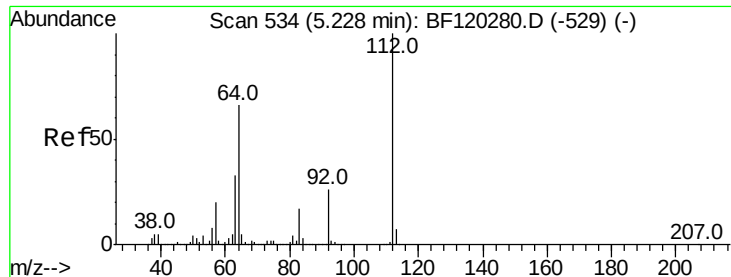
Ion Ratio Lower Upper

42 100

74 140.0 114.8 172.2

44 8.1 5.6 8.4





#5

2-Fluorophenol

Concen: 145.375 ng

RT: 5.21 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

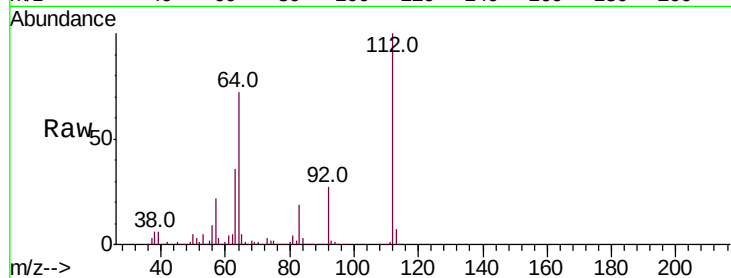
Tot Ion:112 Resp: 1905353

Ion Ratio Lower Upper

112 100

64 72.0 52.7 79.1

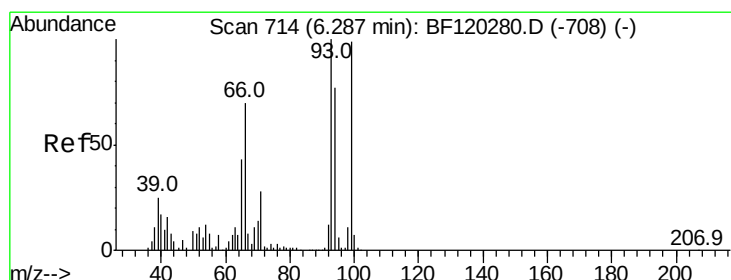
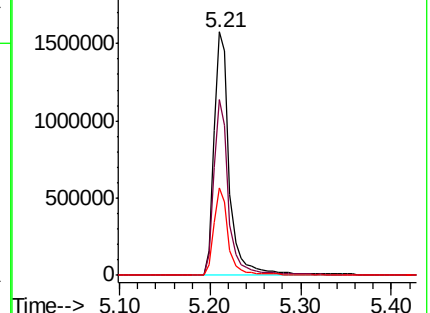
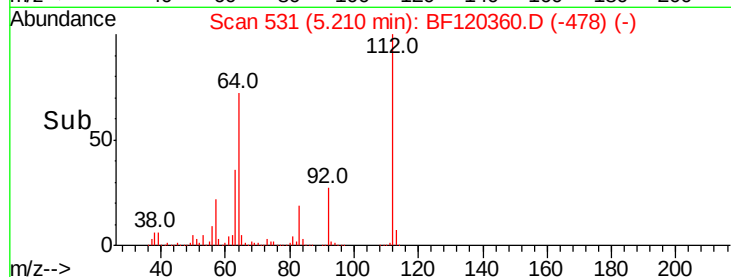
63 36.0 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.618 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

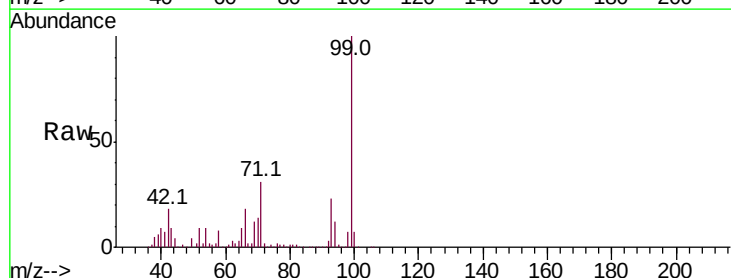
Tgt Ion: 93 Resp: 627805

Ion Ratio Lower Upper

93 100

66 78.2 56.2 84.4

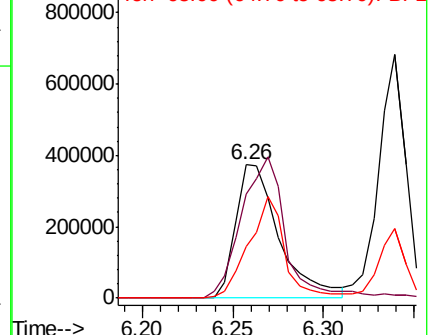
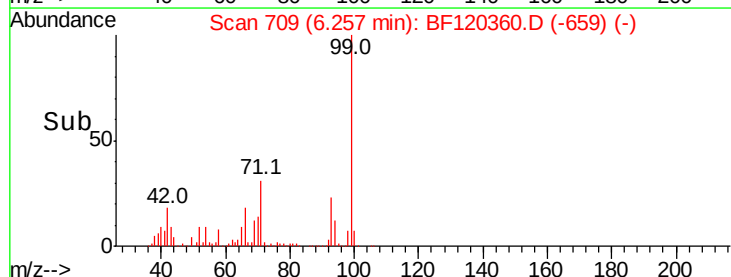
65 39.2 34.2 51.2

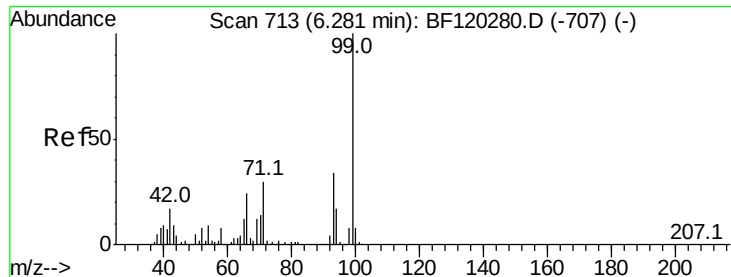


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 142.509 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

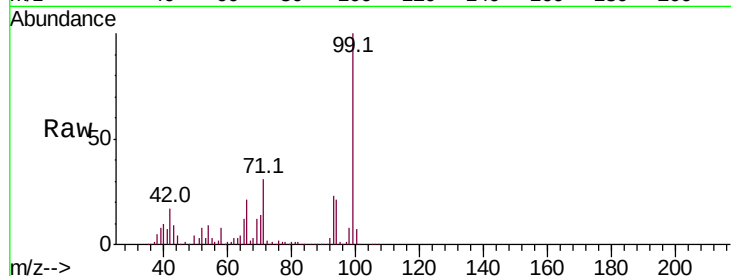
Tot Ion: 99 Resp: 2361986

Ion Ratio Lower Upper

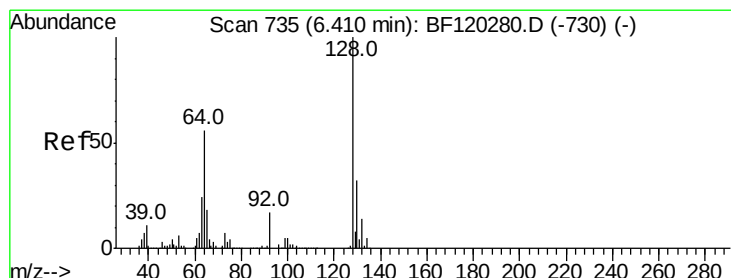
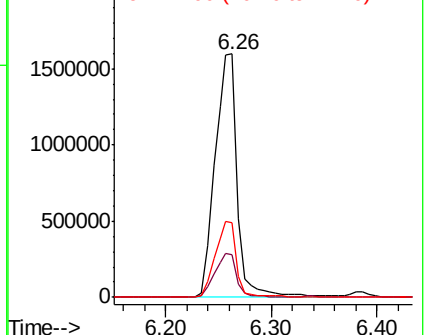
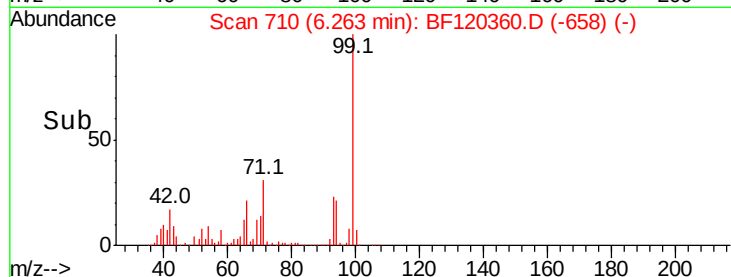
99 100

42 17.5 13.6 20.4

71 30.6 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.152 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

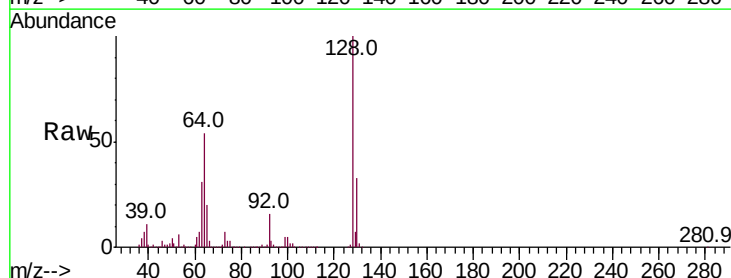
Tgt Ion: 128 Resp: 735847

Ion Ratio Lower Upper

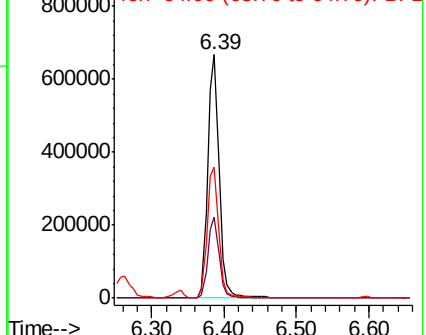
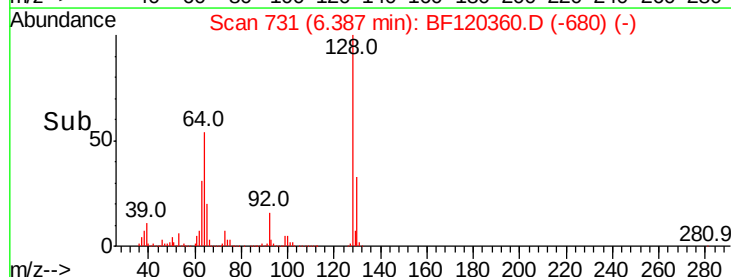
128 100

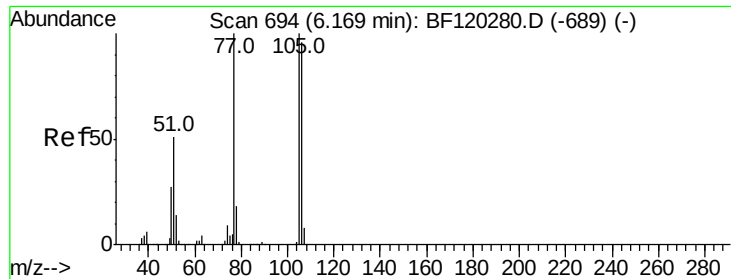
130 33.3 12.4 52.4

64 53.6 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.316 ng

RT: 6.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

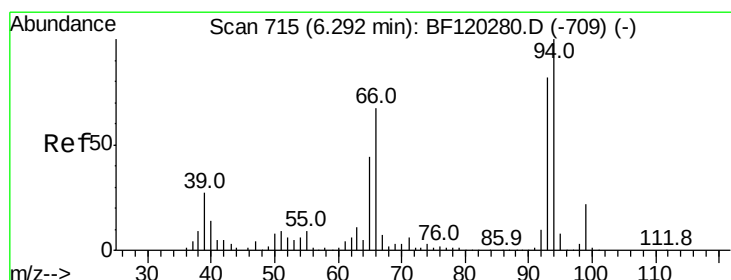
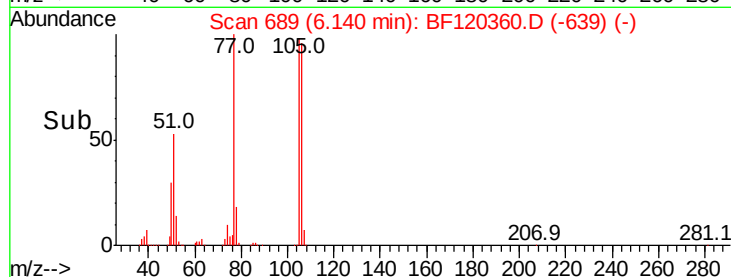
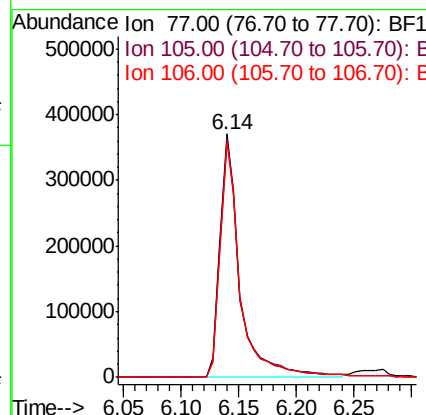
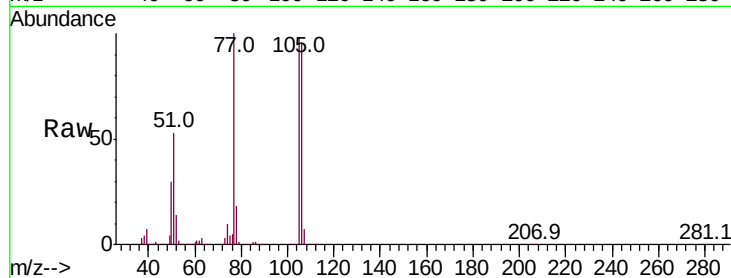
Tot Ion: 77 Resp: 442579

Ion Ratio Lower Upper

77 100

105 98.0 79.9 119.9

106 96.3 75.7 115.7



#10

Phenol

Concen: 45.676 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

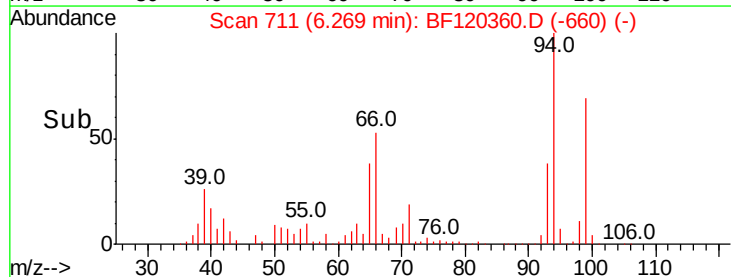
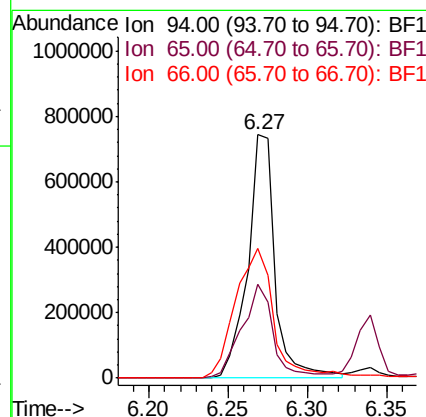
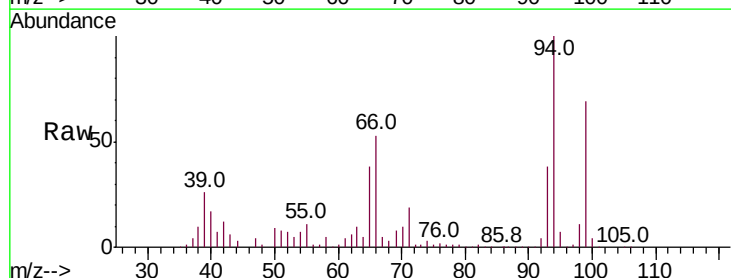
Tgt Ion: 94 Resp: 883744

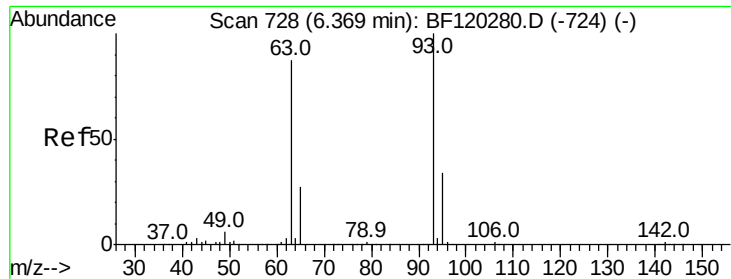
Ion Ratio Lower Upper

94 100

65 38.4 24.1 64.1

66 53.1 47.5 87.5





#11

bis(2-Chloroethyl)ether

Concen: 44.043 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

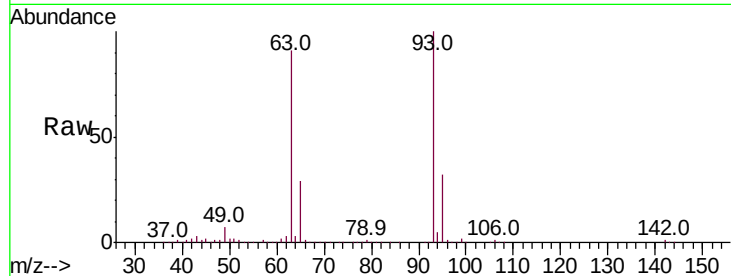
Tot Ion: 93 Resp: 680693

Ion Ratio Lower Upper

93 100

63 90.7 65.4 105.4

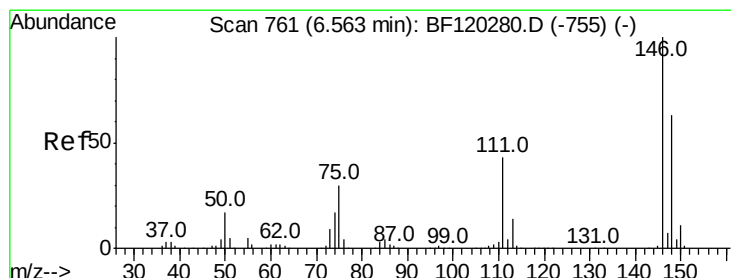
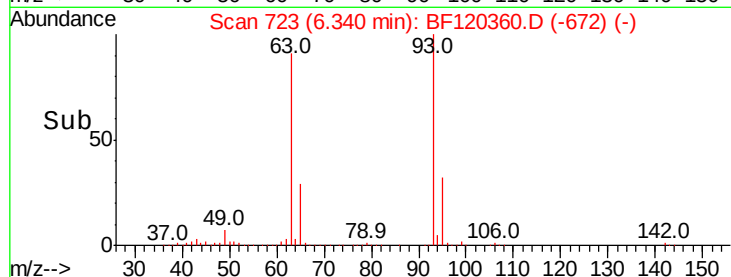
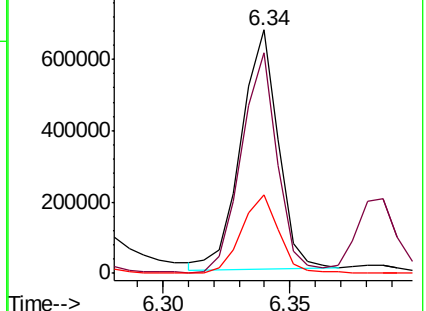
95 32.1 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.064 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

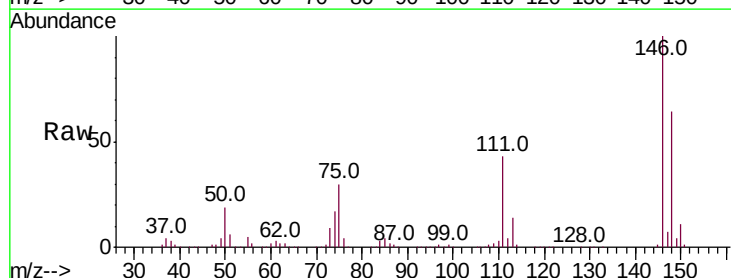
Tgt Ion: 146 Resp: 720539

Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

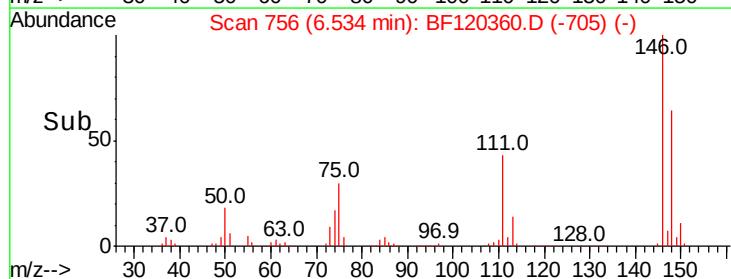
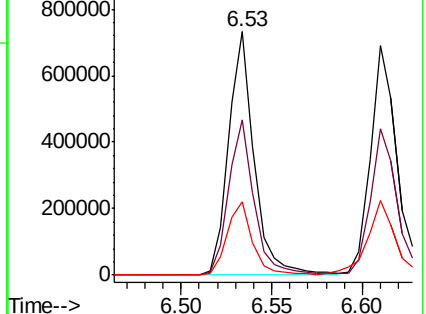
75 30.2 24.2 36.4

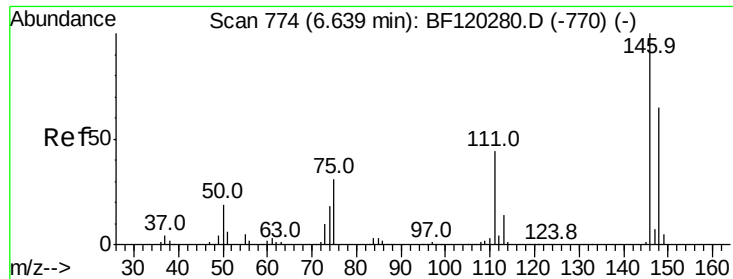


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

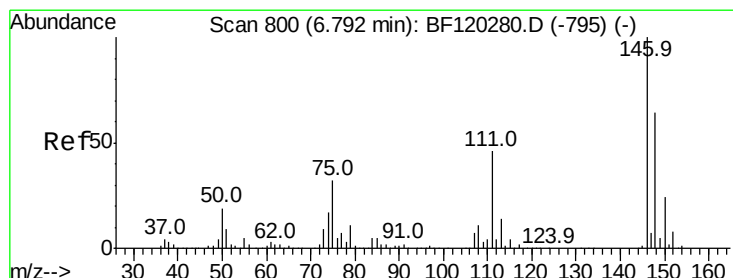
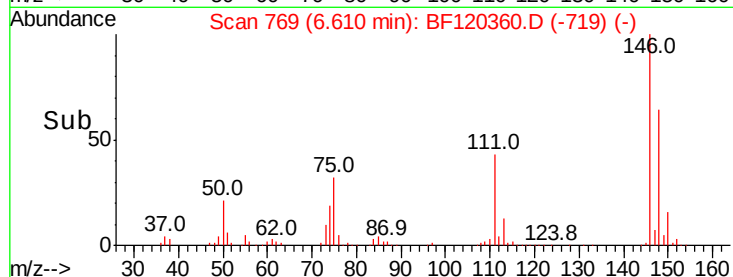
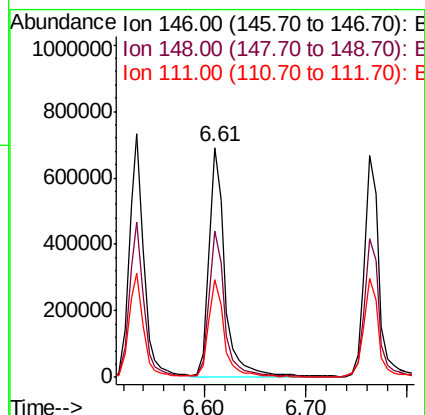
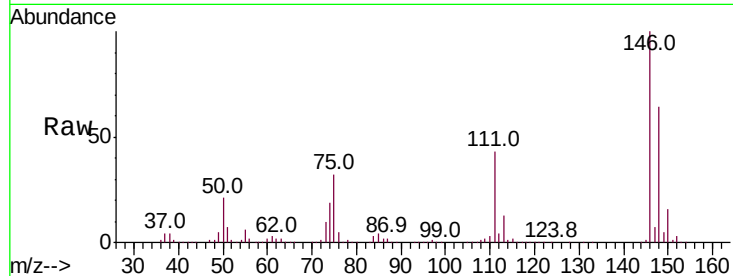




#13
 1,4-Dichlorobenzene
 Concen: 44.943 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

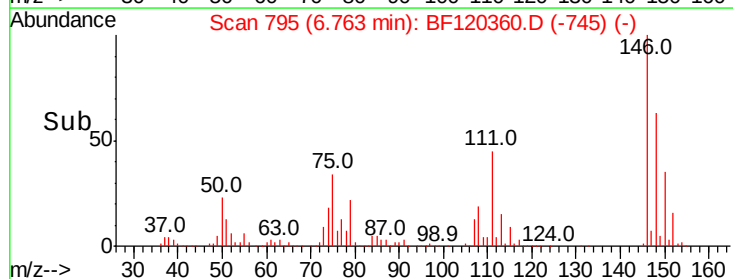
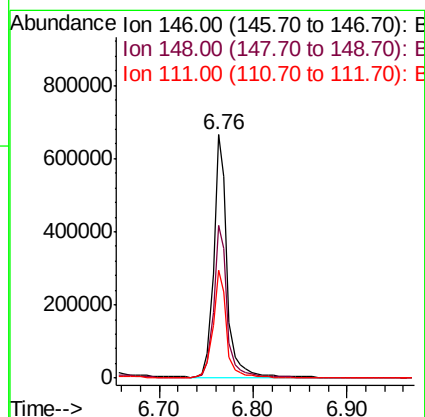
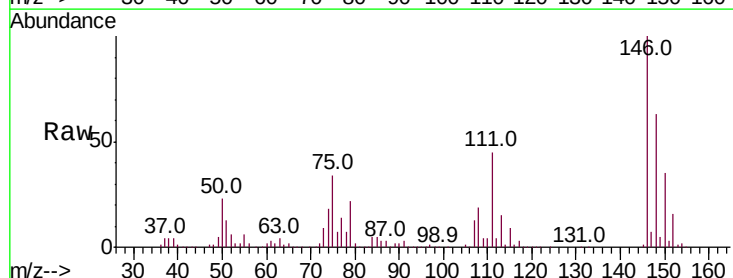
Instrument :
 BNA_F
 ClientSampleID :
 PB128986BS

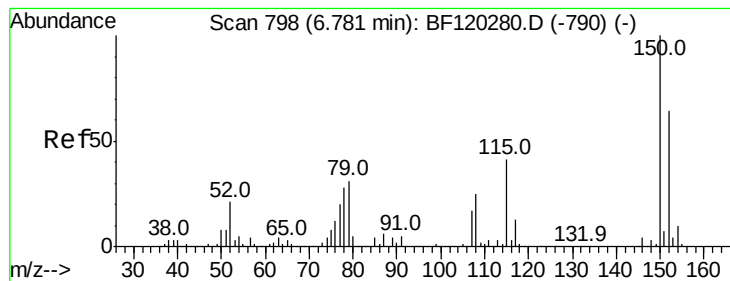
Tot Ion:146 Resp: 756923
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 42.5 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 44.253 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion:146 Resp: 671159
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 44.6 36.6 55.0





#15

Benzyl Alcohol

Concen: 47.727 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

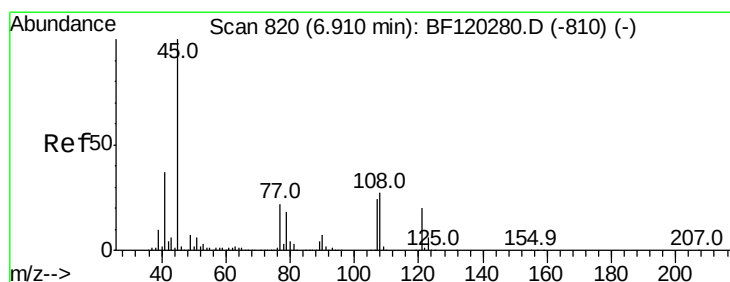
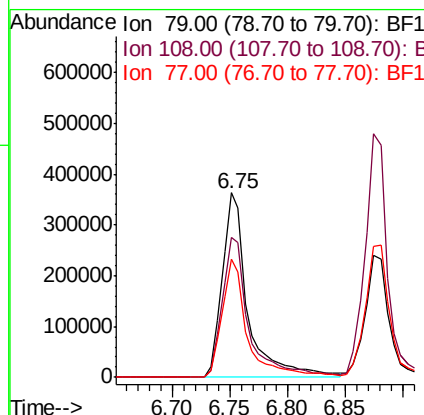
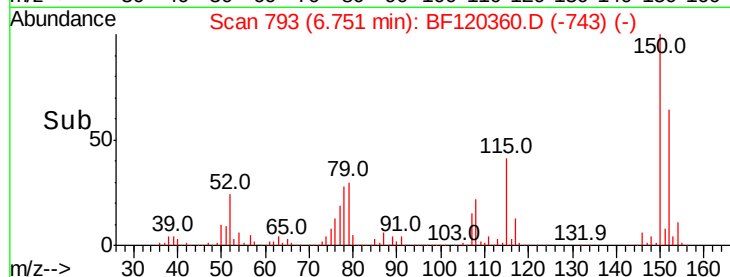
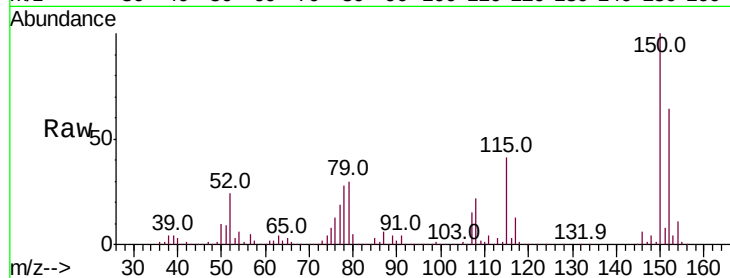
Tot Ion: 79 Resp: 561987

Ion Ratio Lower Upper

79 100

108 75.6 64.2 96.4

77 63.9 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.149 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

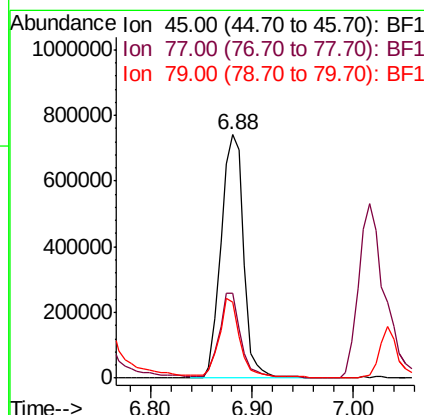
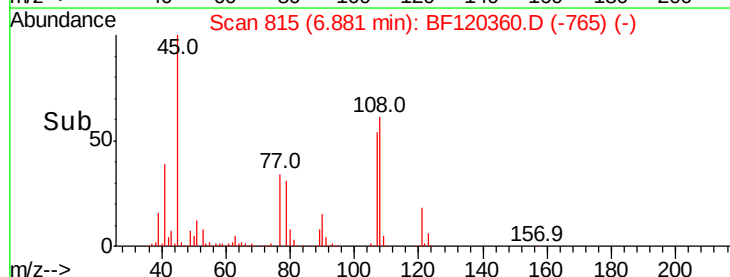
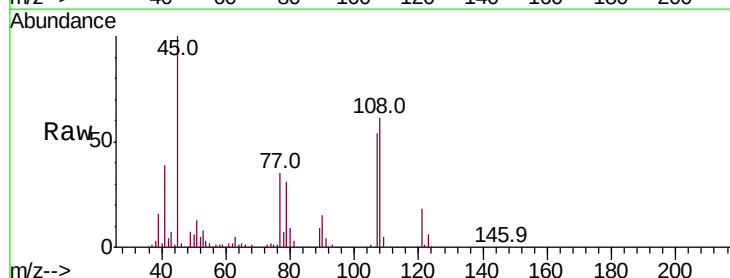
Tgt Ion: 45 Resp: 1148372

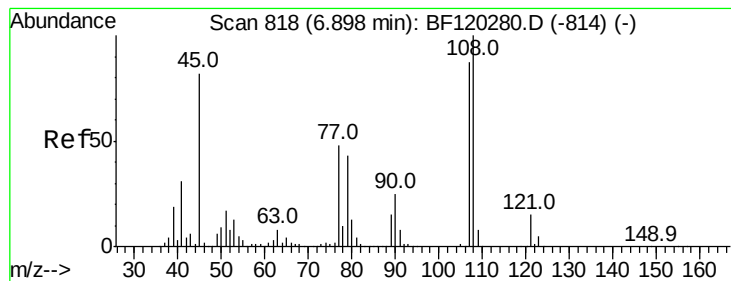
Ion Ratio Lower Upper

45 100

77 35.0 3.1 43.1

79 31.3 0.0 40.0





#17

2-Methylphenol

Concen: 44.376 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

Tot Ion:107 Resp: 572477

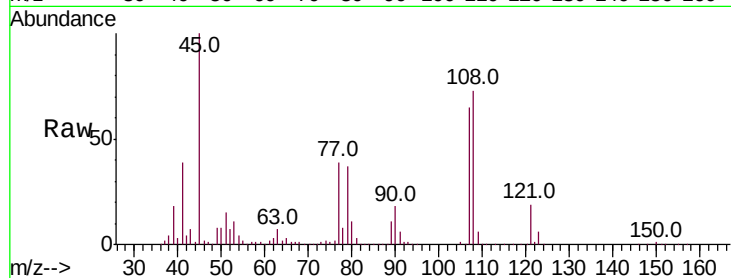
Ion Ratio Lower Upper

107 100

108 113.5 92.4 138.6

77 61.0 44.5 66.7

79 57.1 40.4 60.6



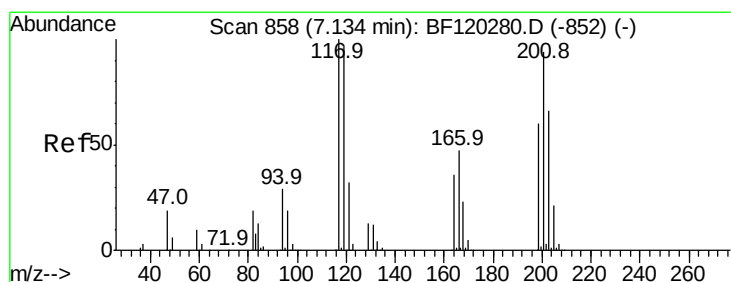
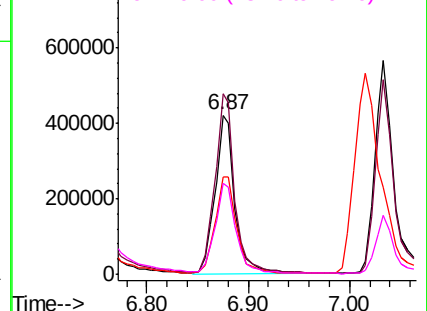
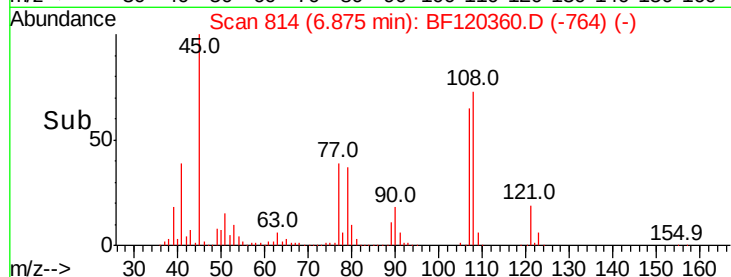
Abundance

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: 43.570 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

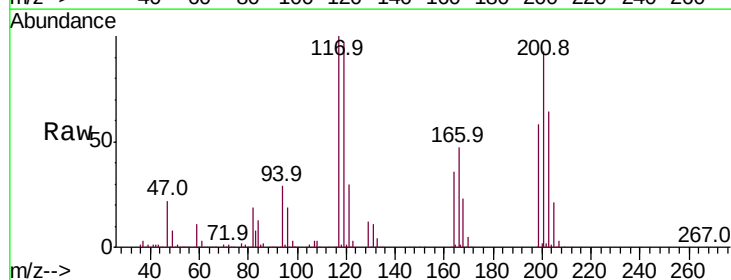
Tgt Ion:117 Resp: 279546

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

201 92.8 74.9 112.3

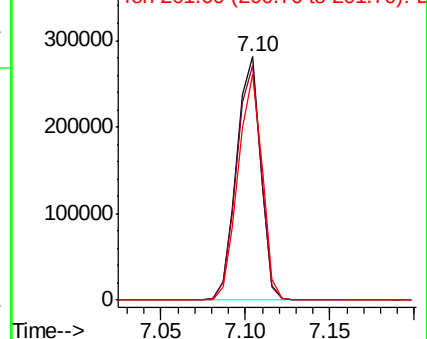
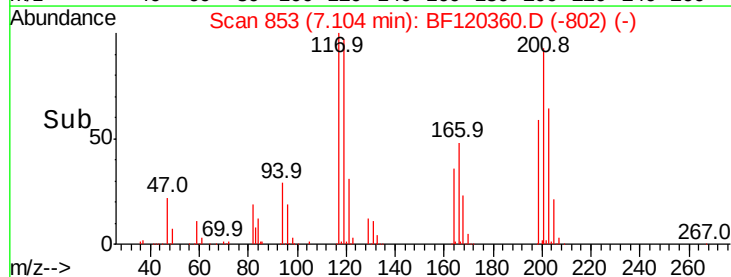


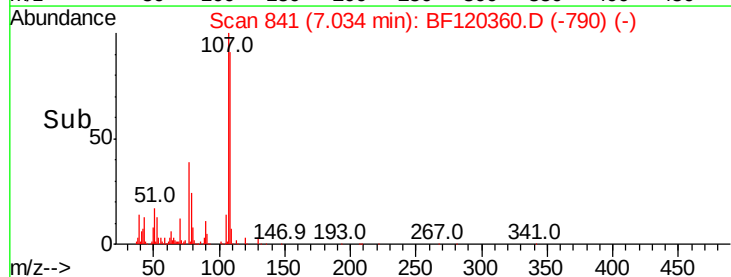
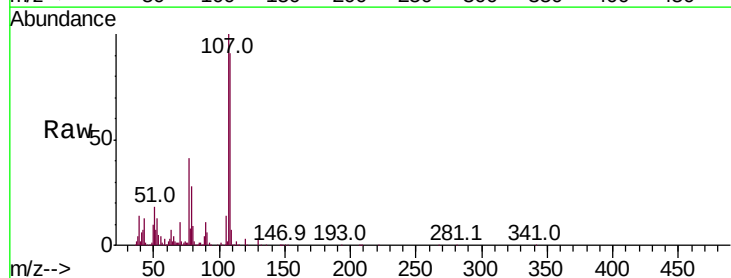
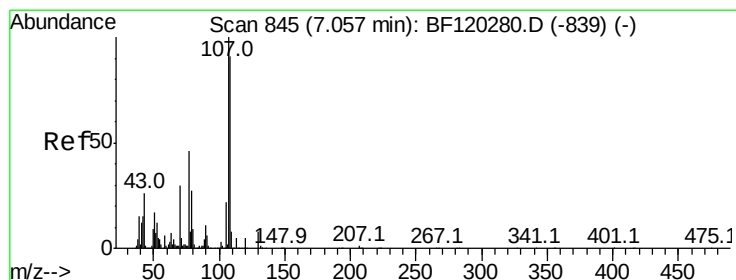
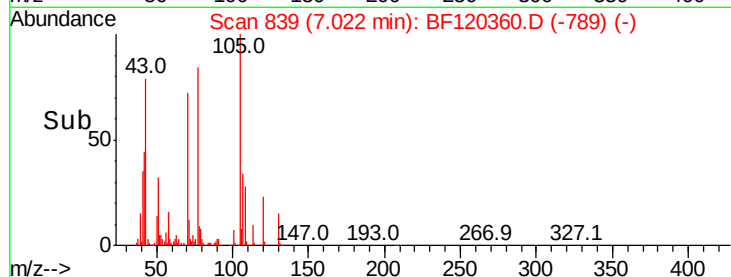
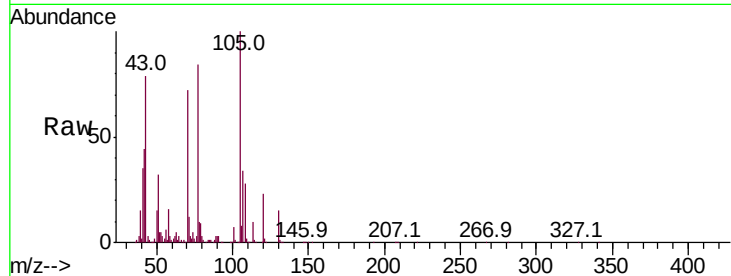
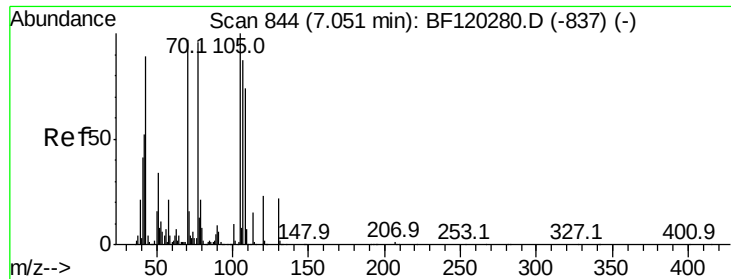
Abundance

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

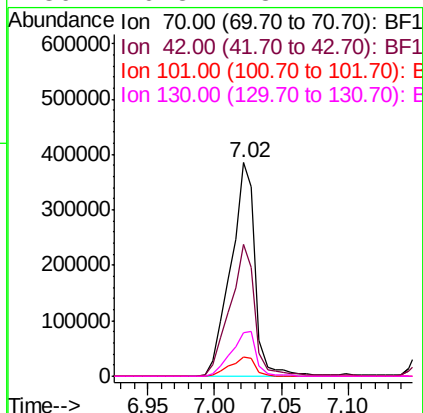




#19
n-Nitroso-di-n-propylamine
Concen: 45.912 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

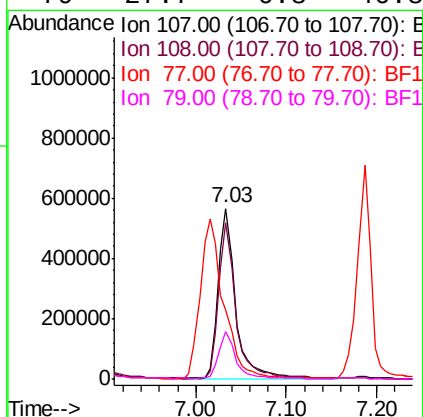
Instrument :
BNA_F
ClientSampleId :
PB128986BS

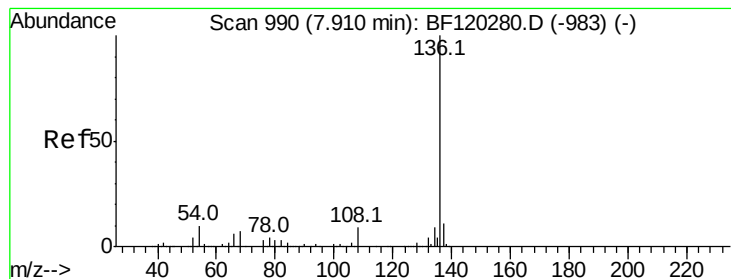
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	43.4	65.0
101	9.1	7.8	11.8
130	20.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.337 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.1	111.1
77	40.6	28.1	68.1
79	27.7	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

Tot Ion:136 Resp: 997408

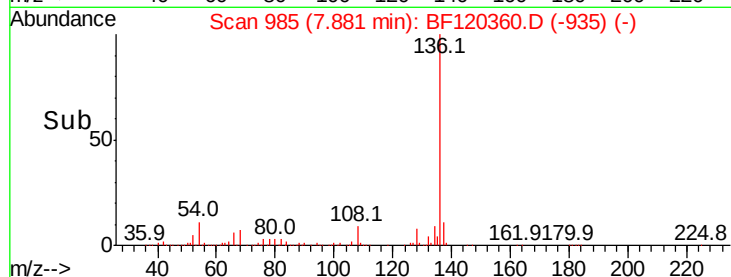
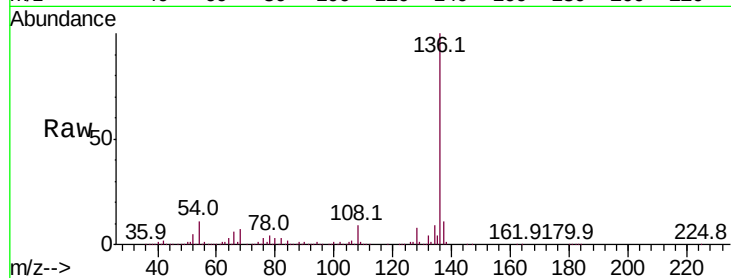
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.6 7.9 11.9

68 6.7 5.4 8.2



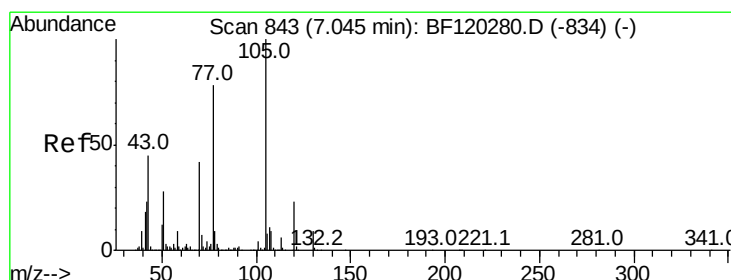
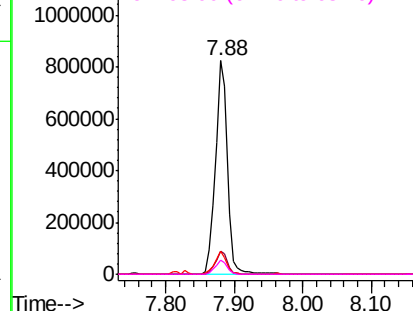
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.361 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Tgt Ion:105 Resp: 988153

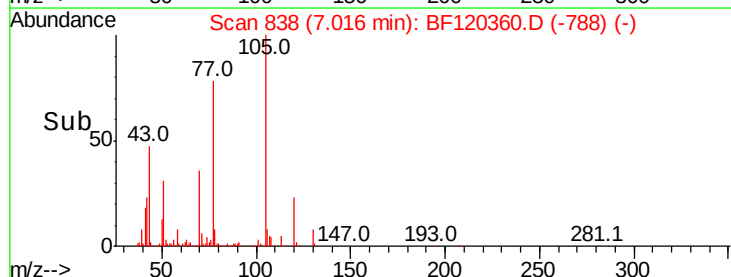
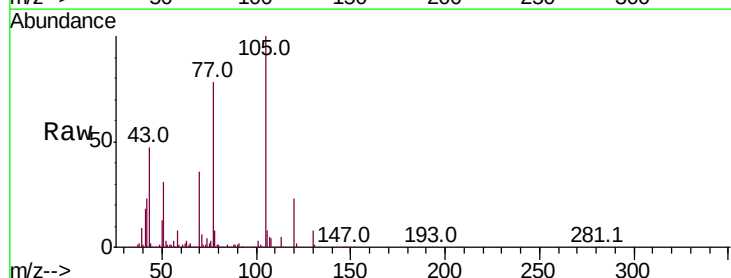
Ion Ratio Lower Upper

105 100

71 6.1 5.6 8.4

51 30.9 22.6 34.0

120 22.5 18.7 28.1



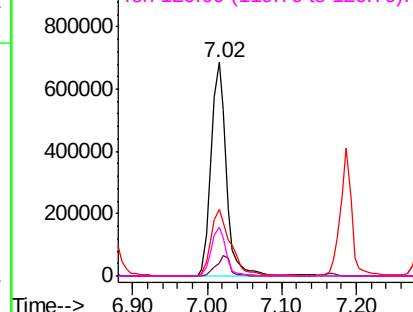
Abundance

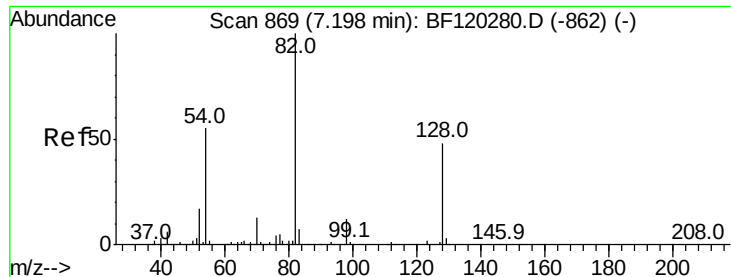
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

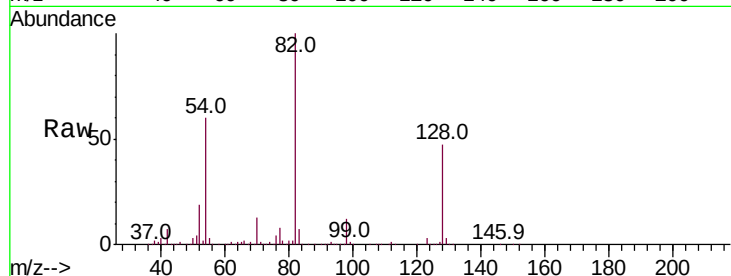




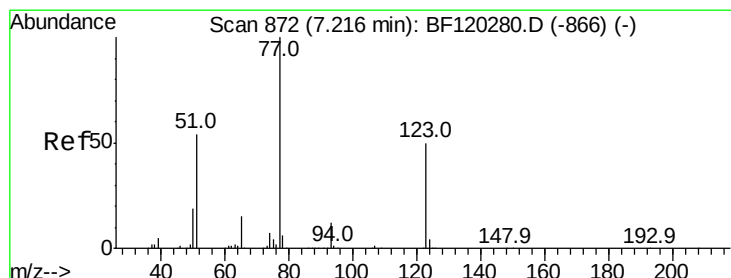
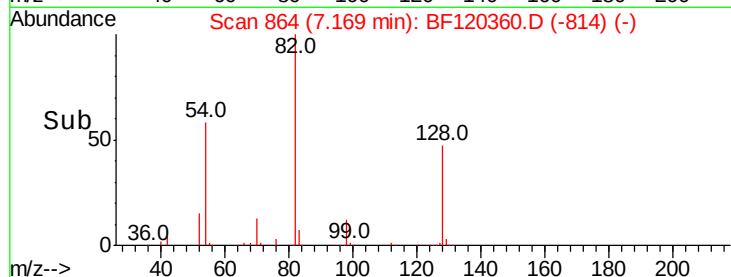
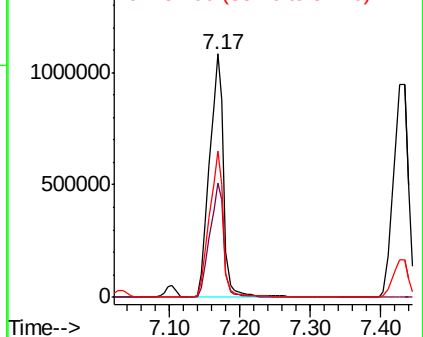
#23
 Nitrobenzene-d5
 Concen: 104.300 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Instrument :
 BNA_F
 ClientSampleID :
 PB128986BS

Tot Ion: 82 Resp: 1519420
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.3 57.5
 54 60.3 43.9 65.9

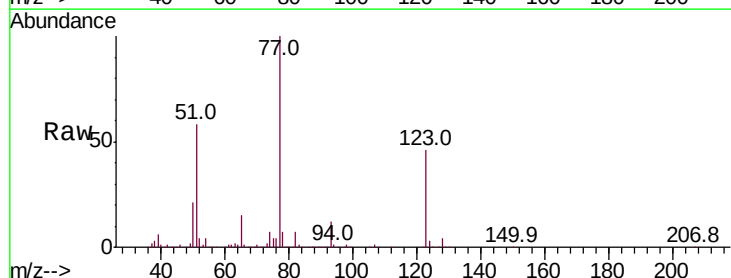


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

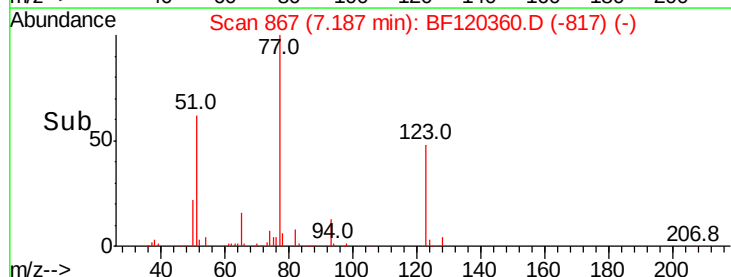
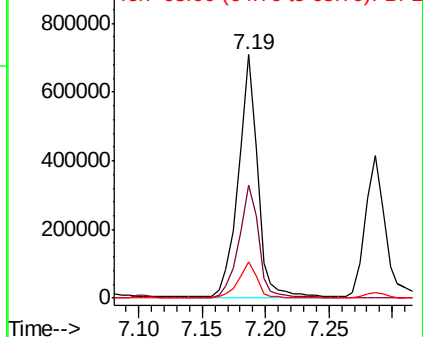


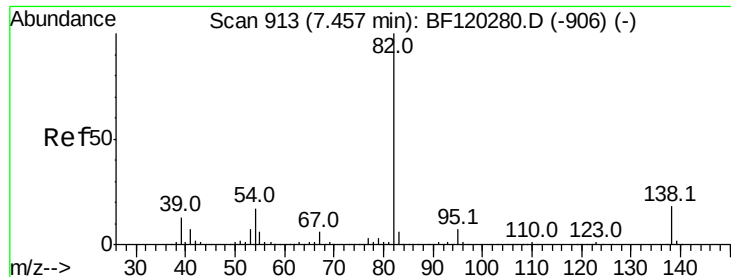
#24
 Nitrobenzene
 Concen: 47.605 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion: 77 Resp: 746361
 Ion Ratio Lower Upper
 77 100
 123 46.4 40.0 60.0
 65 15.1 11.7 17.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.241 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

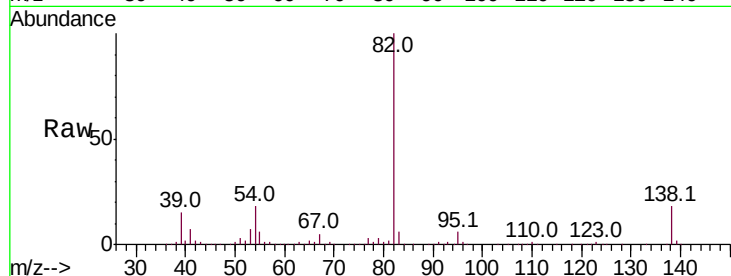
Tot Ion: 82 Resp: 1401619

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

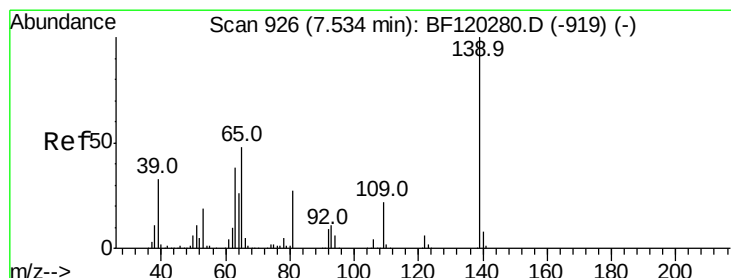
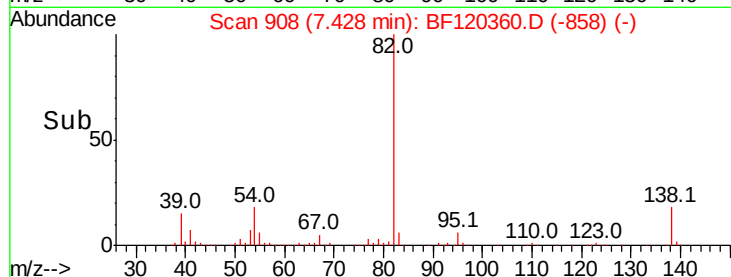
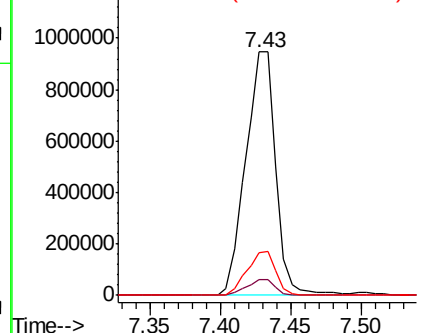
138 17.6 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.817 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

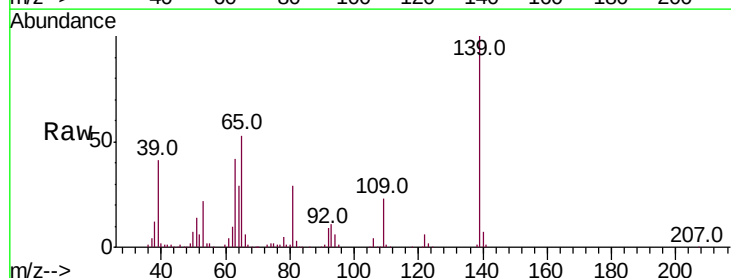
Tgt Ion: 139 Resp: 400284

Ion Ratio Lower Upper

139 100

109 23.2 17.7 26.5

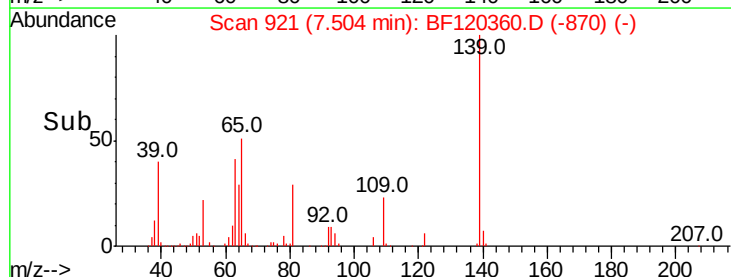
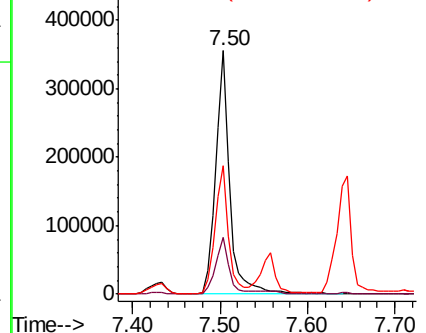
65 52.7 38.3 57.5

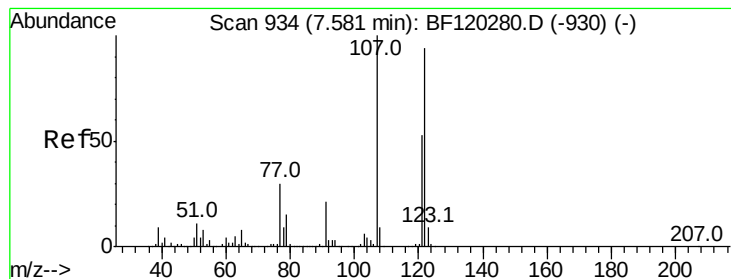


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.023 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

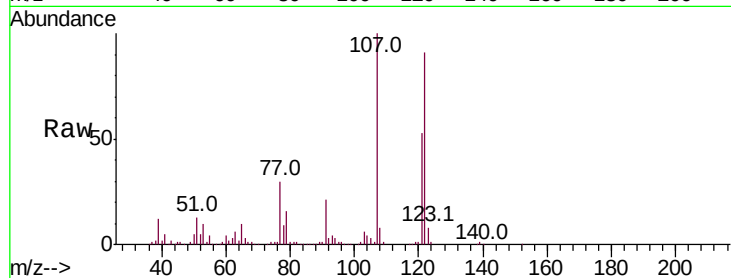
Tot Ion:122 Resp: 620521

Ion Ratio Lower Upper

122 100

107 109.9 85.0 127.6

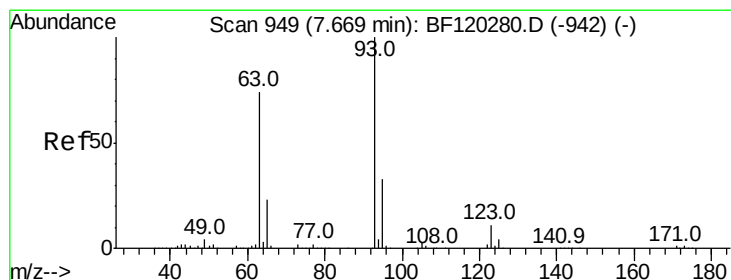
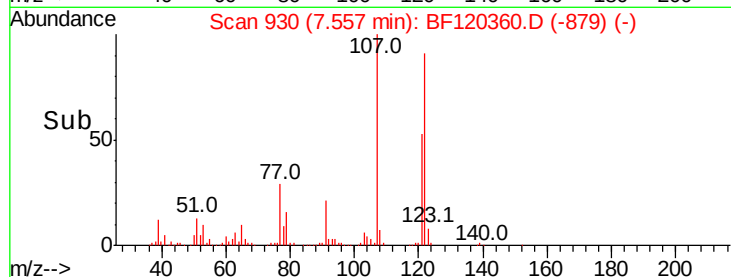
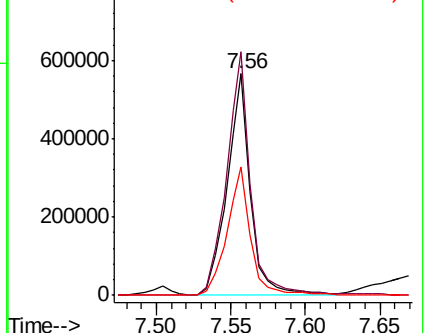
121 58.0 45.1 67.7



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: 46.636 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

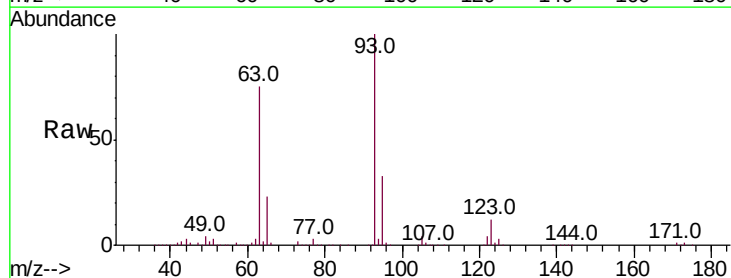
Tgt Ion: 93 Resp: 888515

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

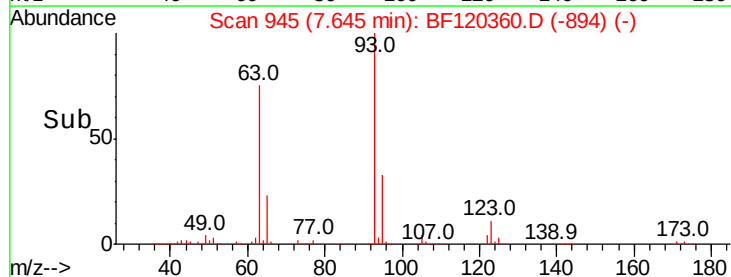
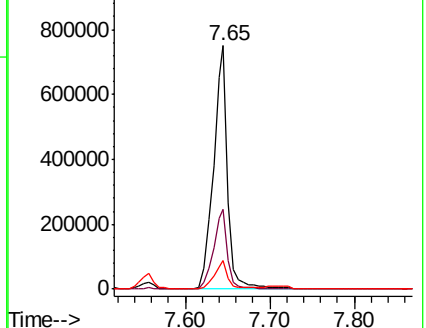
123 11.5 9.2 13.8

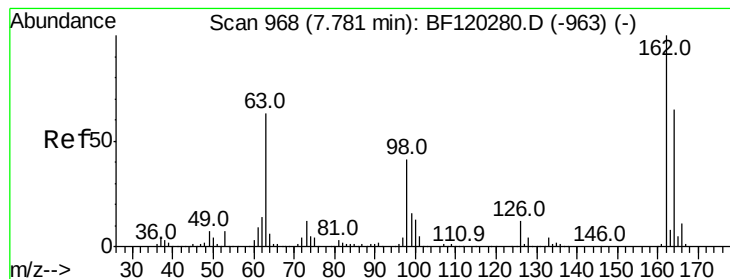


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.401 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

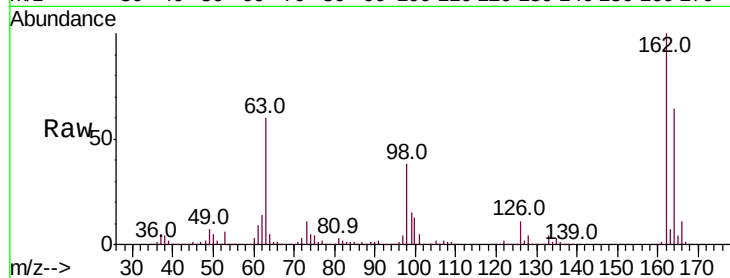
Tot Ion:162 Resp: 580675

Ion Ratio Lower Upper

162 100

164 63.6 44.9 84.9

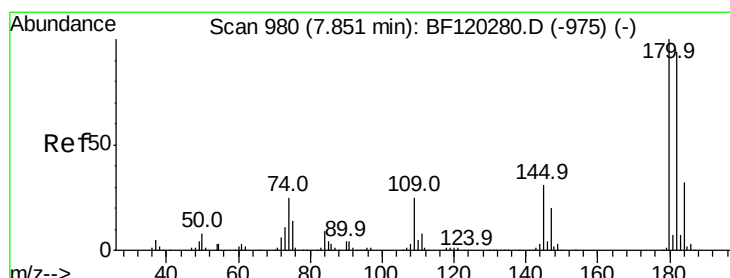
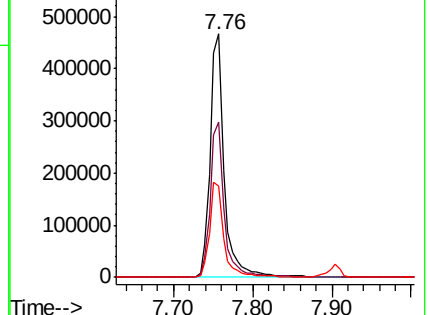
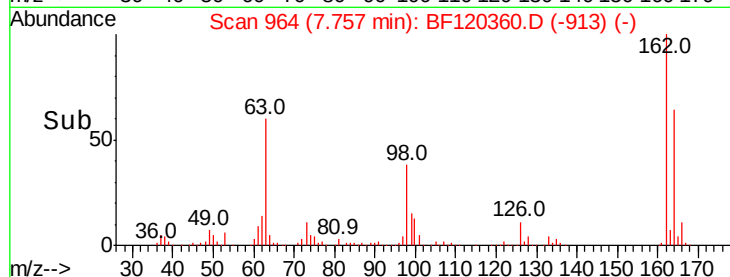
98 37.7 20.7 60.7



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: 45.789 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

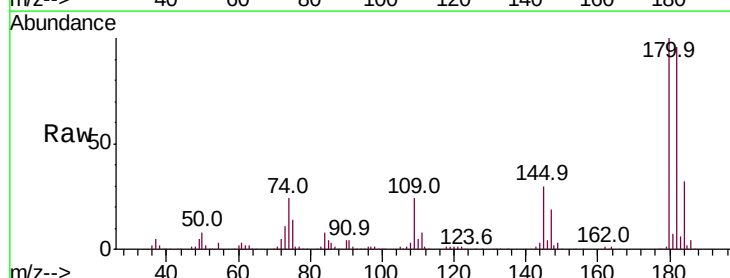
Tgt Ion:180 Resp: 621590

Ion Ratio Lower Upper

180 100

182 96.3 75.3 112.9

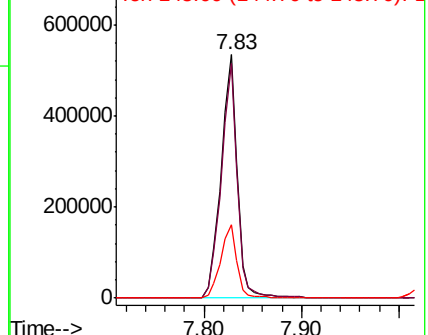
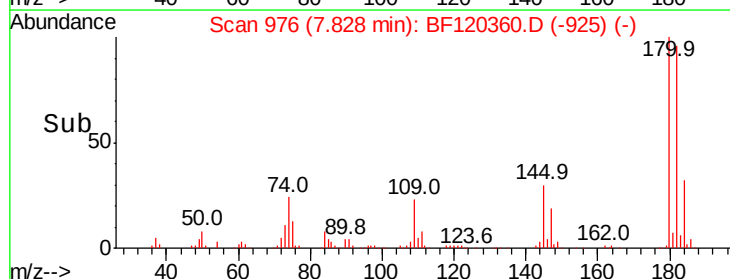
145 30.3 24.9 37.3

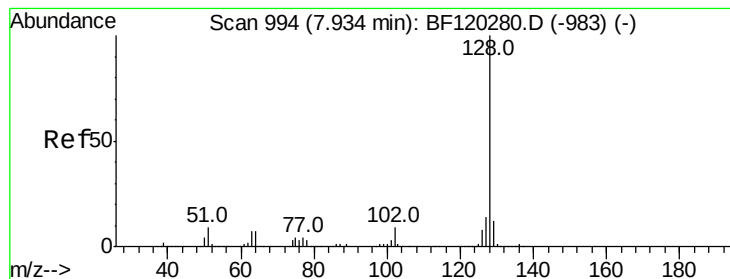


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.892 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

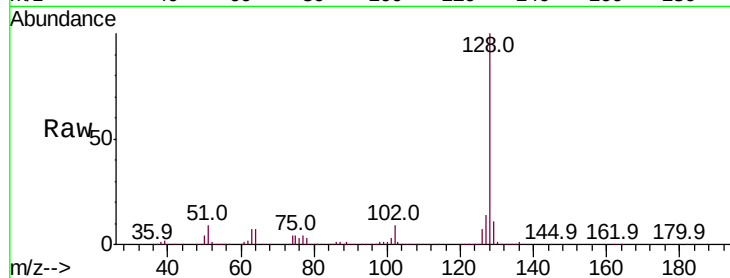
Tot Ion:128 Resp: 2016025

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

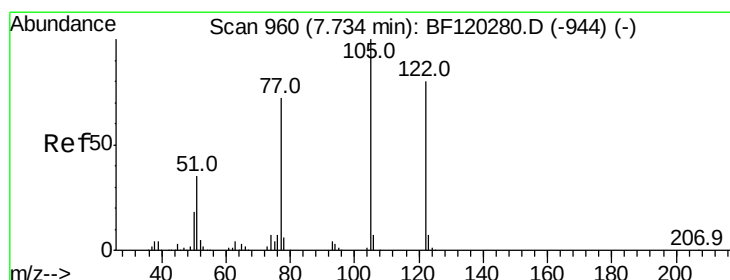
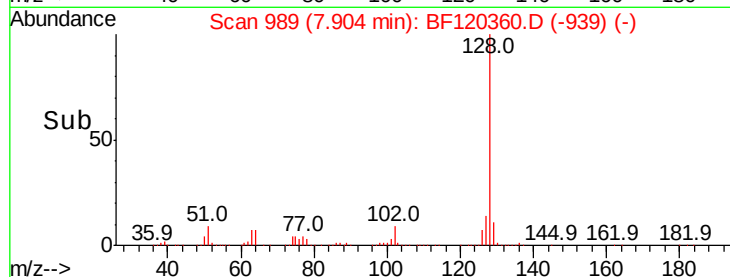
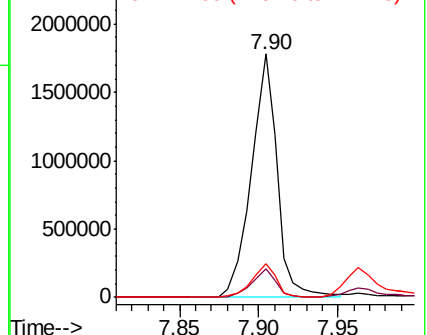
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.730 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

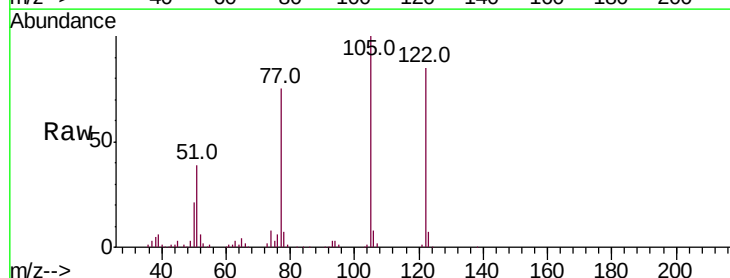
Tgt Ion:122 Resp: 373174

Ion Ratio Lower Upper

122 100

105 117.2 98.1 138.1

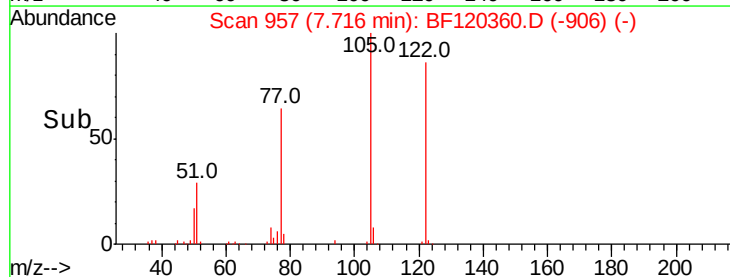
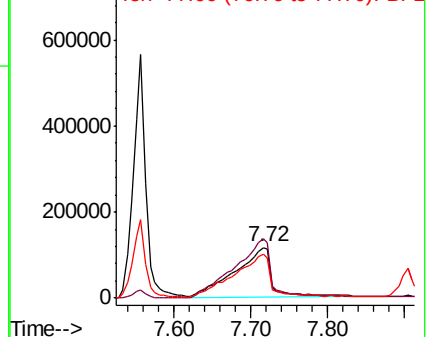
77 87.3 66.7 106.7

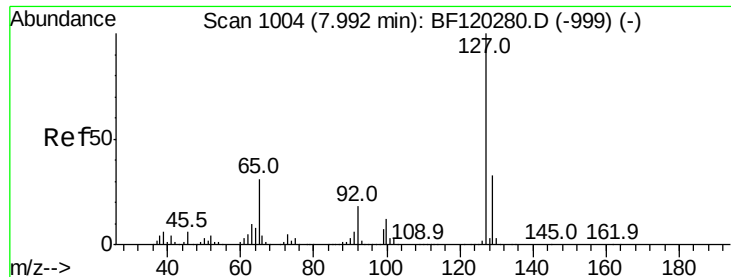


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

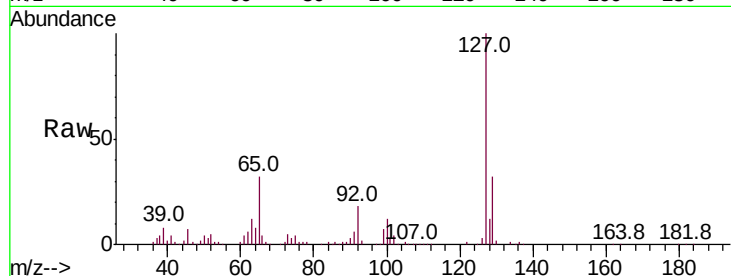




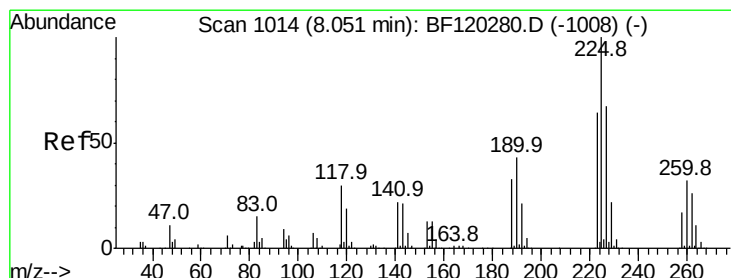
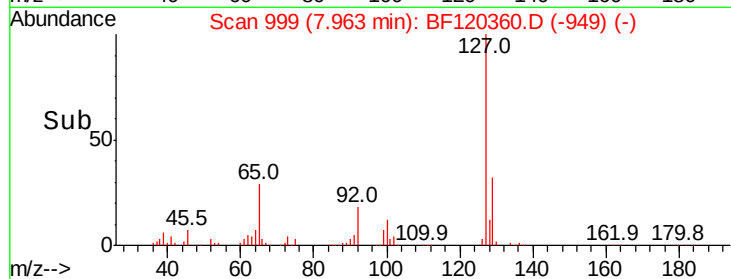
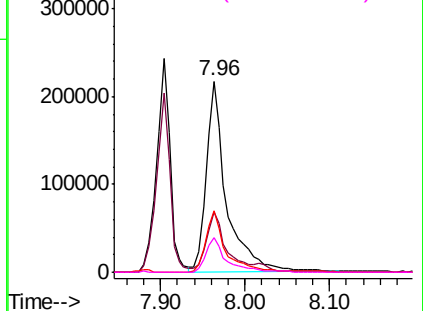
#33
4-Chloroaniline
Concen: 18.742 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB128986BS

Tot Ion:	127	Resp:	359540
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	32.4	24.8	37.2
92	18.1	14.5	21.7

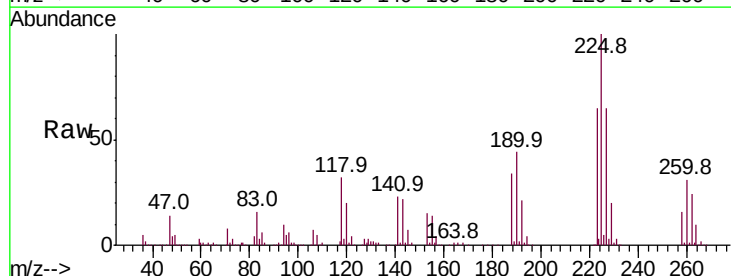


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

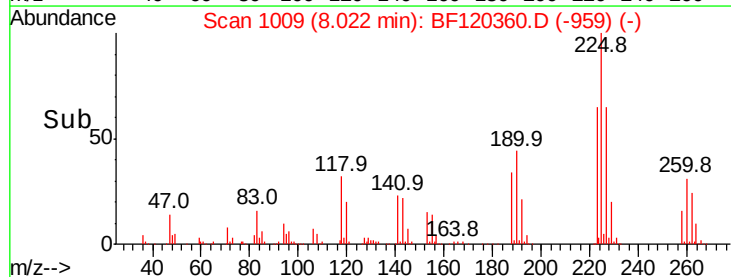
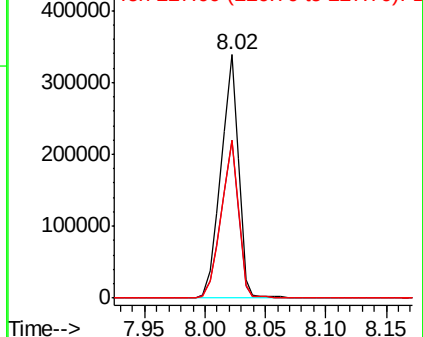


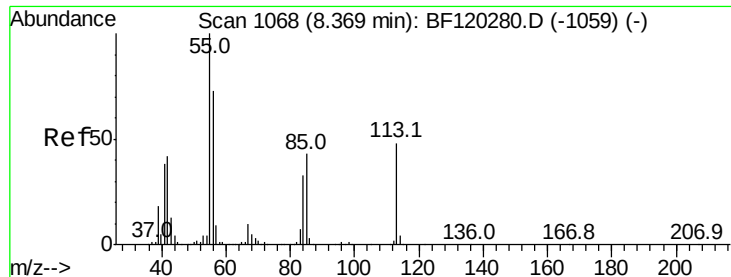
#34
Hexachlorobutadiene
Concen: 43.841 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:	225	Resp:	343998
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.0
227	64.8	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: 26.727 ng

RT: 8.35 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

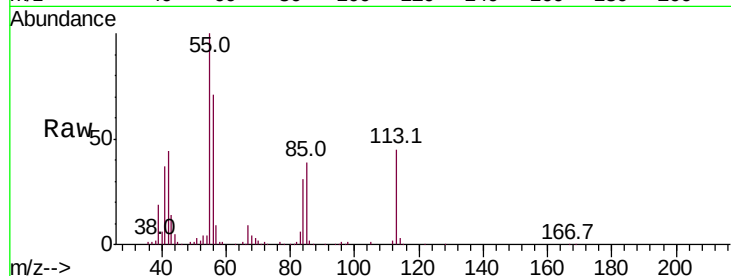
Tot Ion:113 Resp: 107116

Ion Ratio Lower Upper

113 100

55 221.9 190.4 230.4

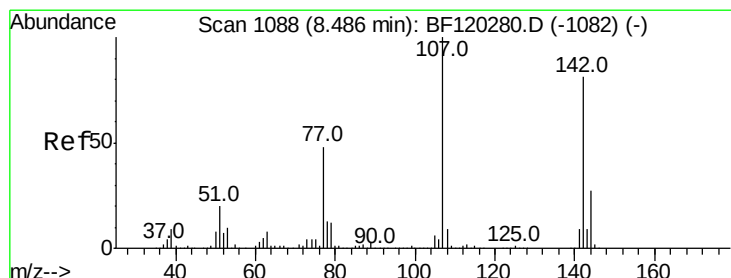
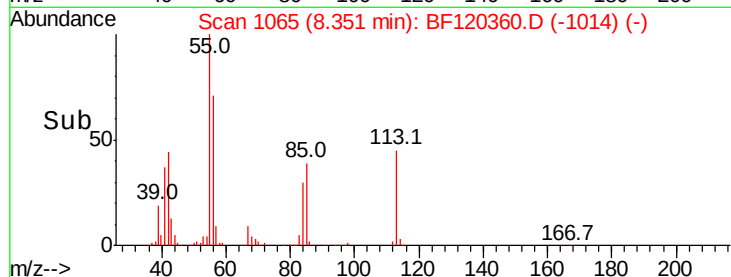
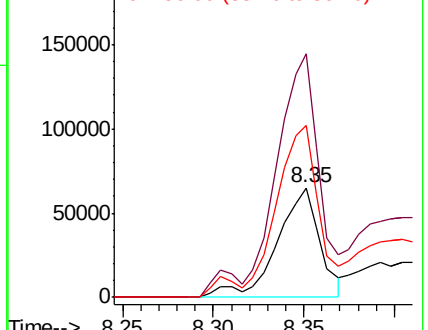
56 156.7 132.7 172.7



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: 46.288 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

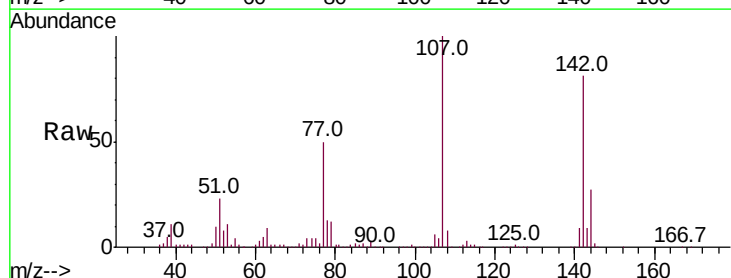
Tgt Ion:107 Resp: 613426

Ion Ratio Lower Upper

107 100

144 26.5 21.4 32.2

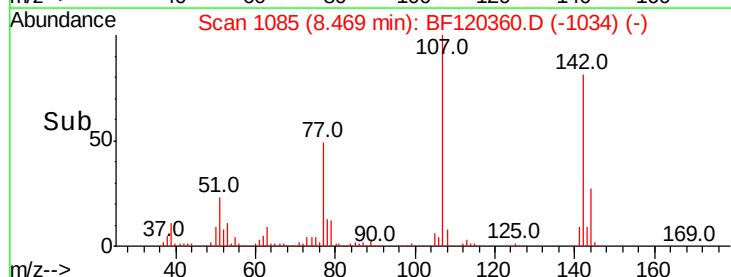
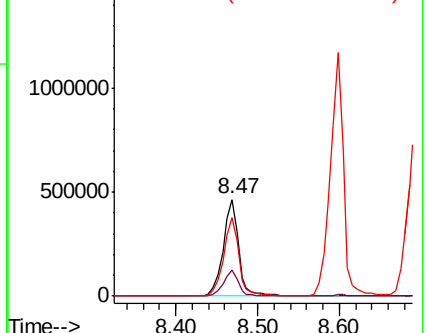
142 81.3 65.1 97.7

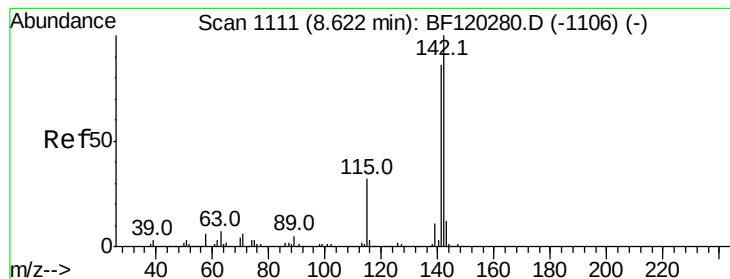


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.251 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

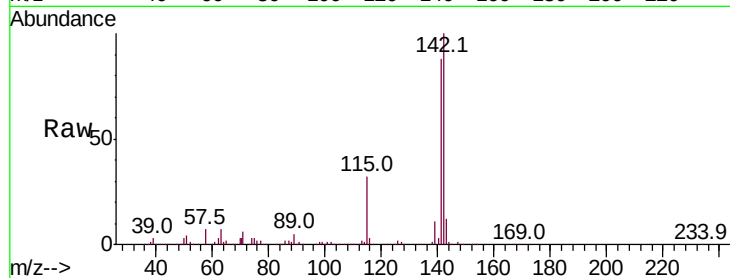
Tot Ion:142 Resp: 1303526

Ion Ratio Lower Upper

142 100

141 87.7 68.8 103.2

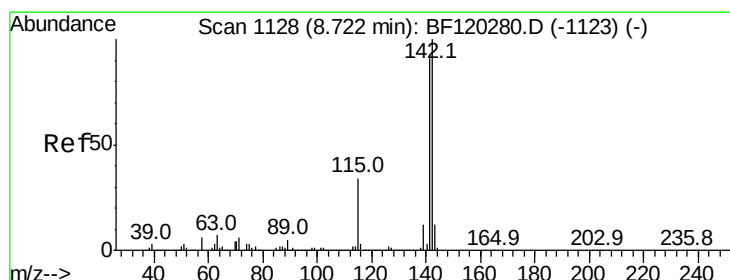
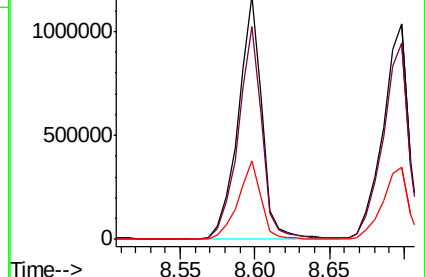
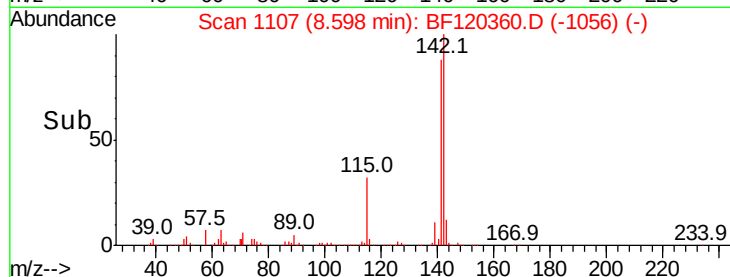
115 32.4 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.472 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

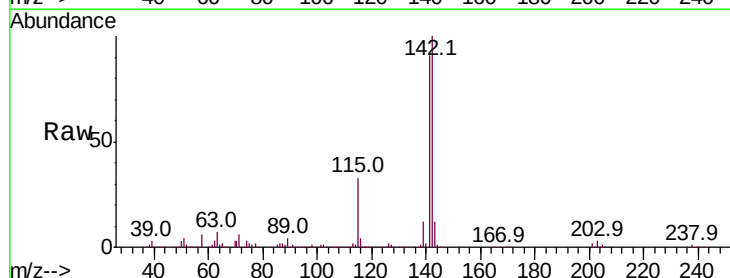
Tgt Ion:142 Resp: 1242521

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

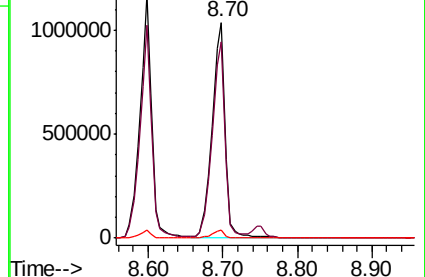
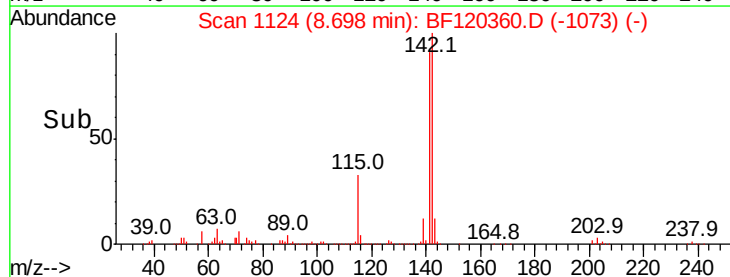
116 3.6 2.7 4.1

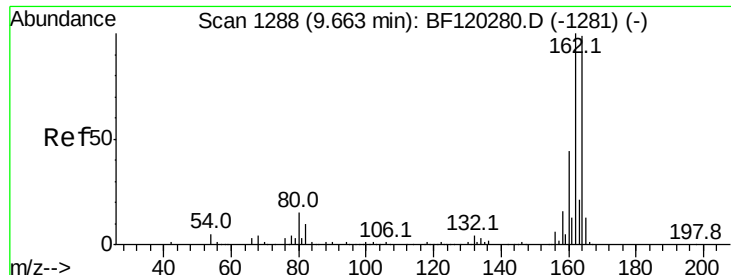


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

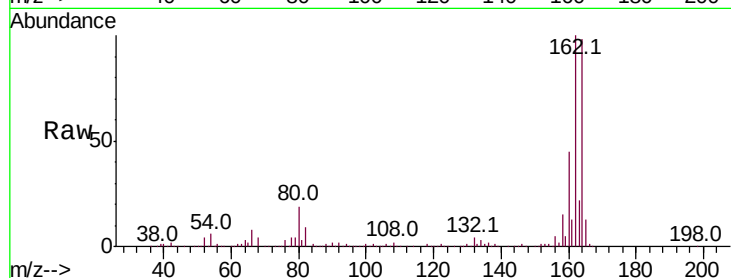
Tot Ion:164 Resp: 480143

Ion Ratio Lower Upper

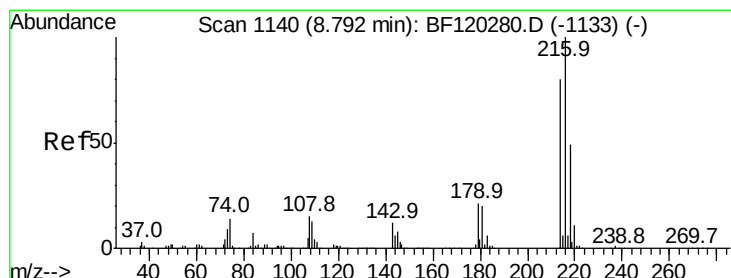
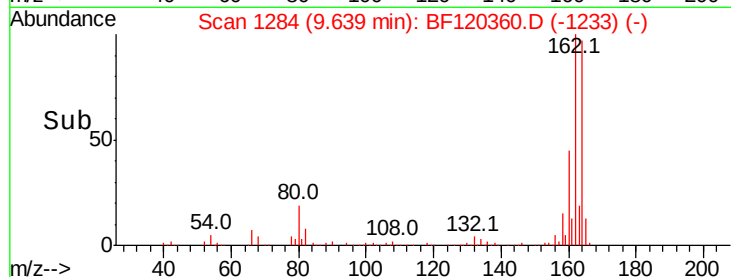
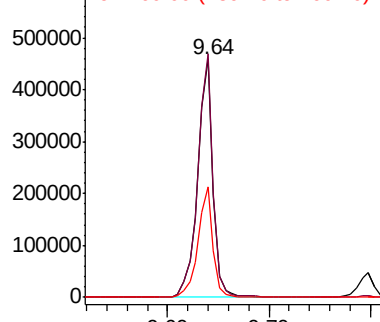
164 100

162 102.3 81.2 121.8

160 46.4 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: 47.370 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Tgt Ion:216 Resp: 573511

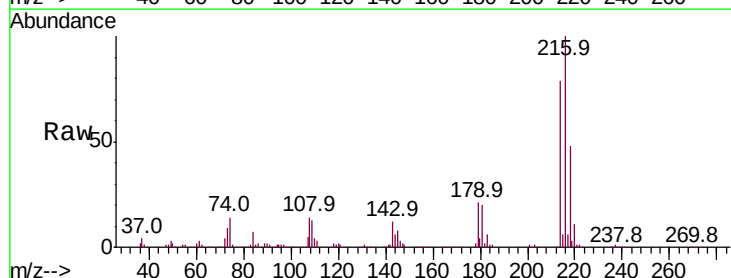
Ion Ratio Lower Upper

216 100

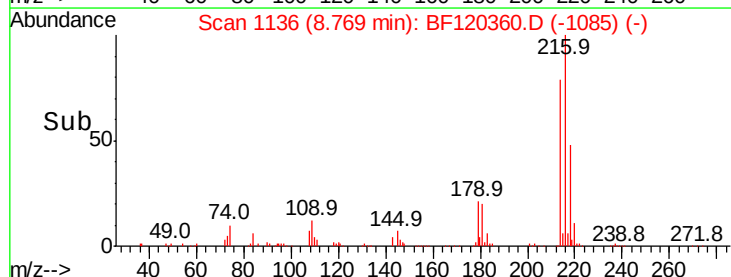
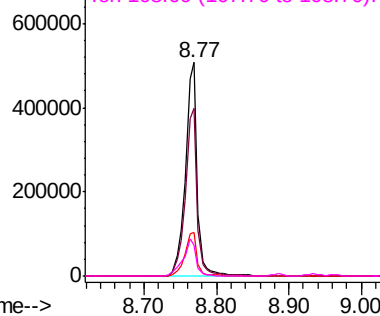
214 79.0 64.0 96.0

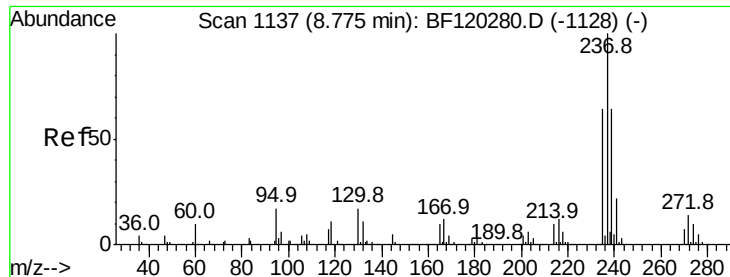
179 21.2 16.9 25.3

108 19.2 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: 91.321 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

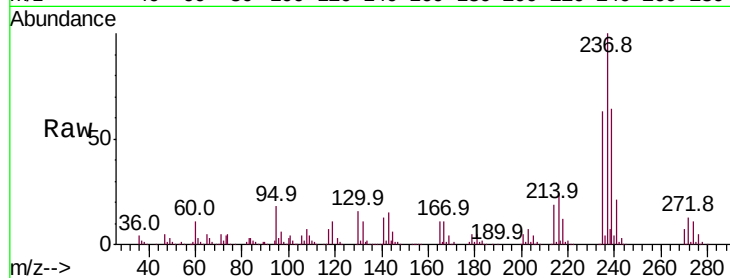
Tot Ion:237 Resp: 461182

Ion Ratio Lower Upper

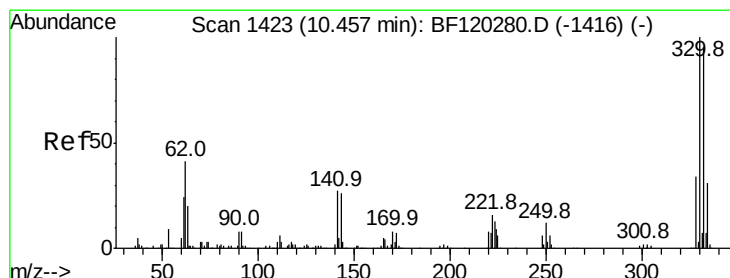
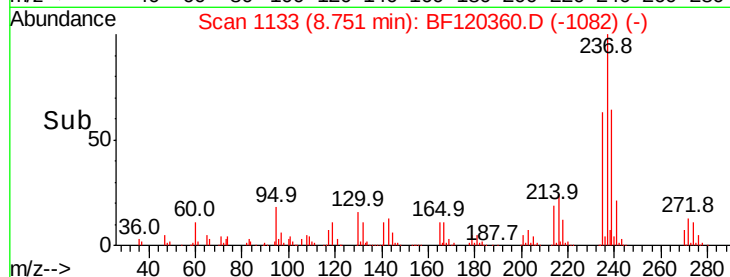
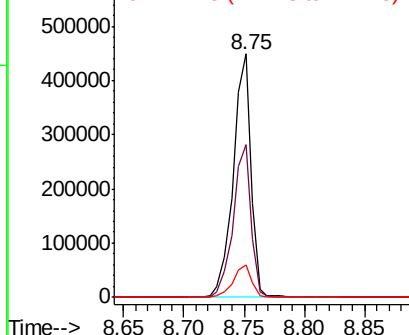
237 100

235 62.6 43.8 83.8

272 13.5 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: 150.320 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

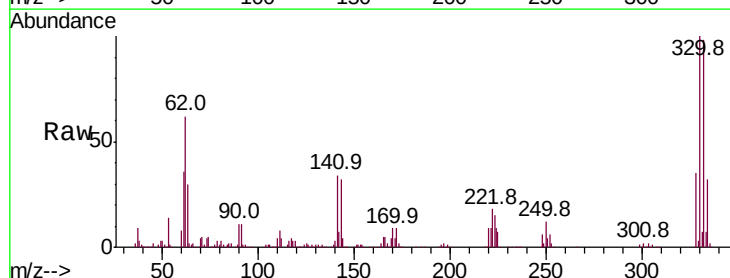
Tgt Ion:330 Resp: 588479

Ion Ratio Lower Upper

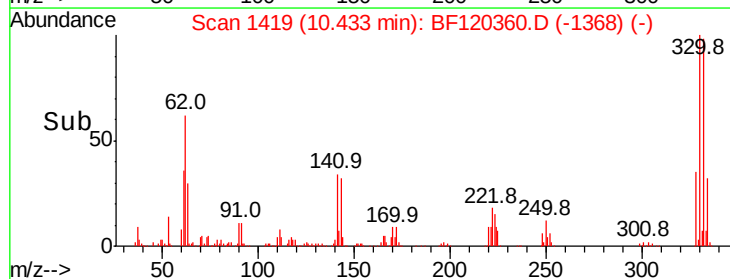
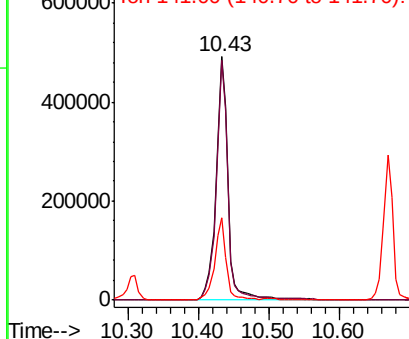
330 100

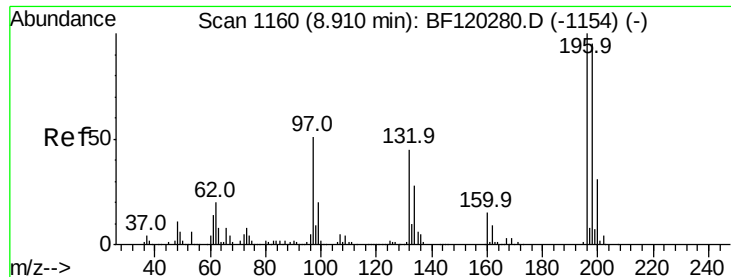
332 96.6 76.5 114.7

141 31.6 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: 47.030 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleID :

PB128986BS

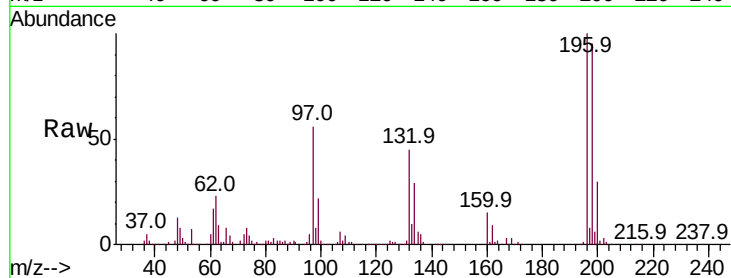
Tot Ion:196 Resp: 382199

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.4

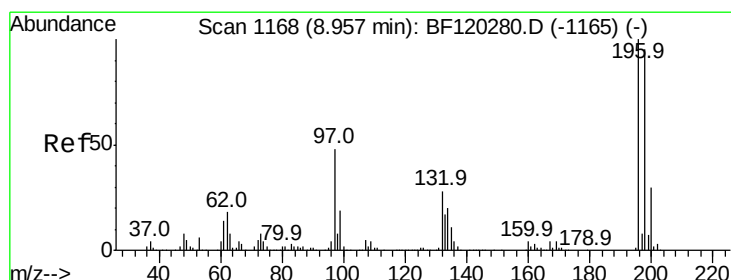
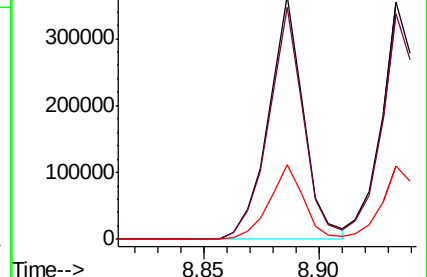
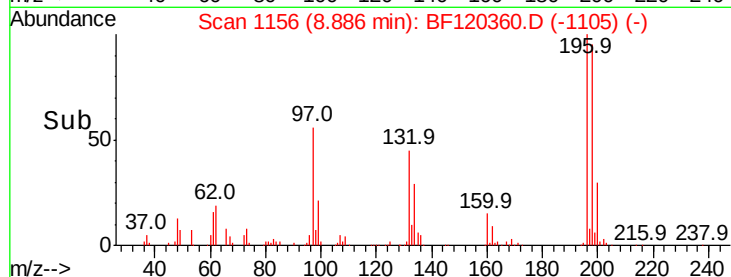
200 30.4 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.148 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Tgt Ion:196 Resp: 412026

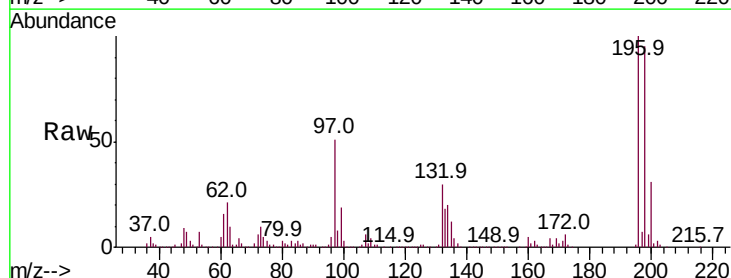
Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.4

97 50.7 38.6 57.8

132 30.0 23.2 34.8

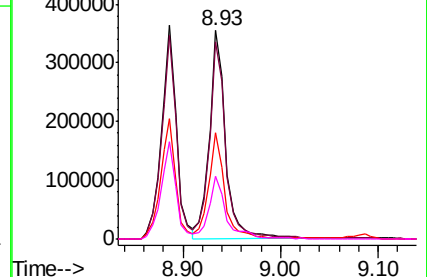
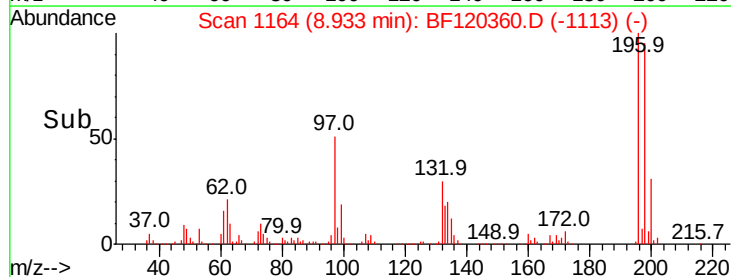


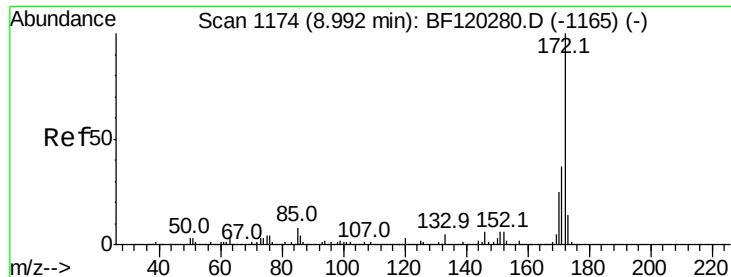
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

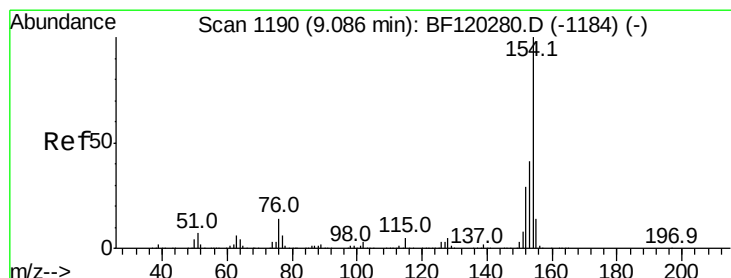
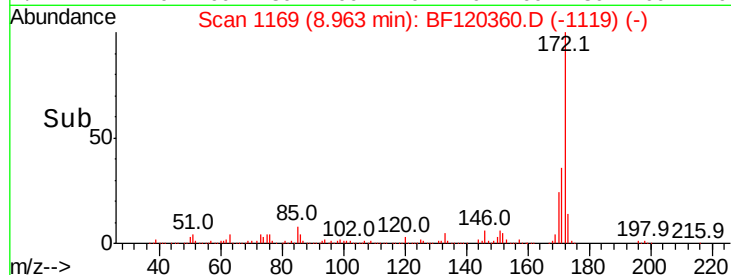
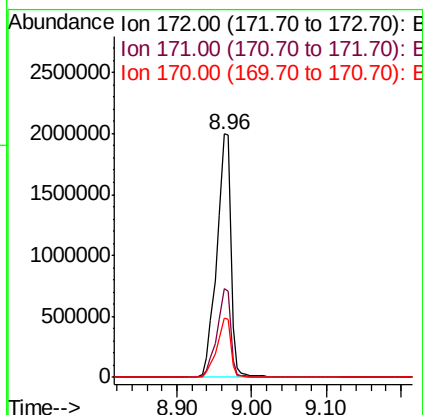
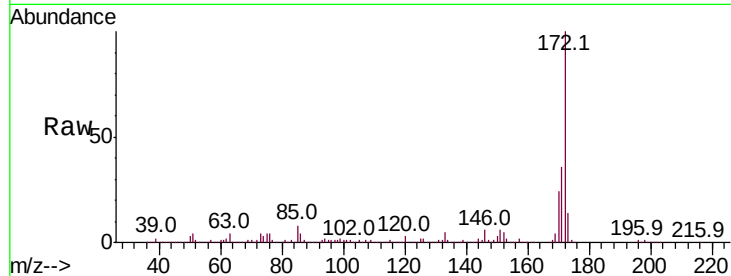




#45
 2-Fluorobiphenyl
 Concen: 112.081 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

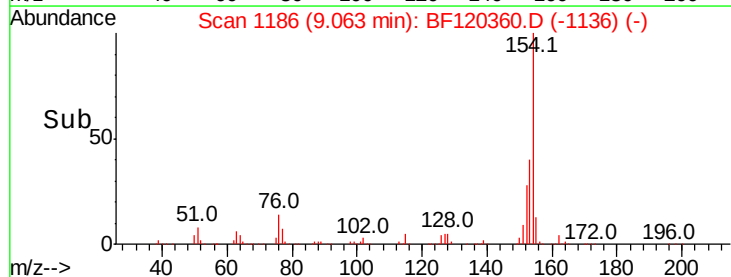
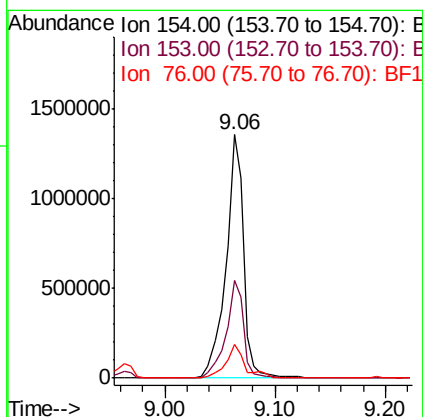
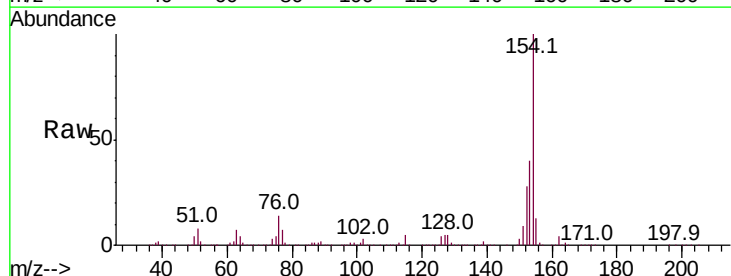
Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

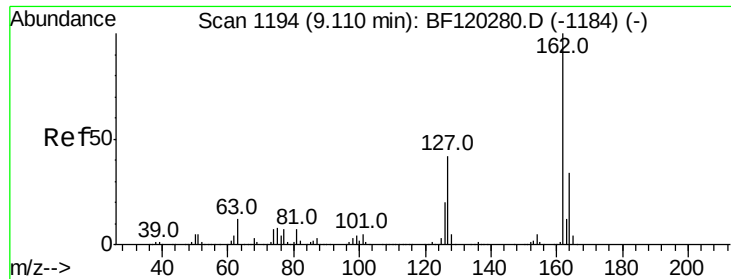
Tot Ion:172 Resp: 2619412
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 48.359 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion:154 Resp: 1521338
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.8 60.8
 76 14.0 0.0 34.3

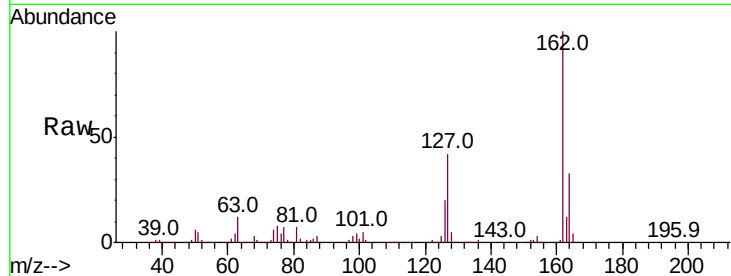




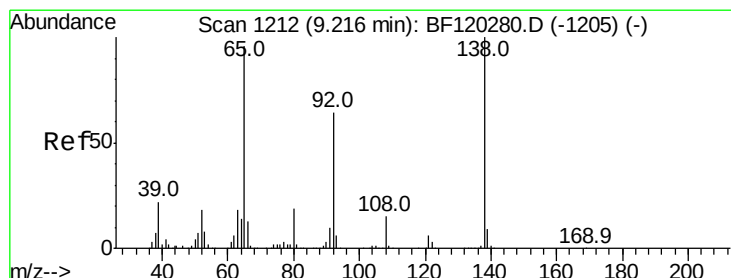
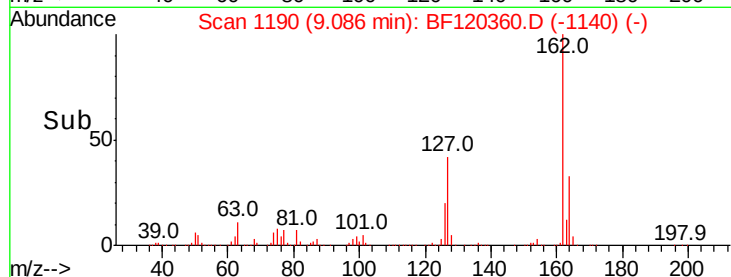
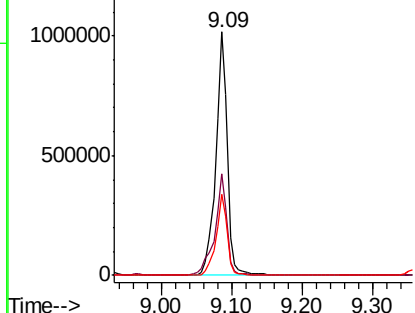
#47
 2-Chloronaphthalene
 Concen: 45.977 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

Tot Ion:162 Resp: 1160234
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.4 50.0
 164 33.3 27.0 40.6

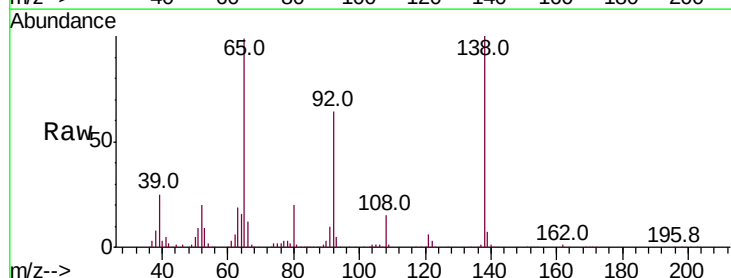


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

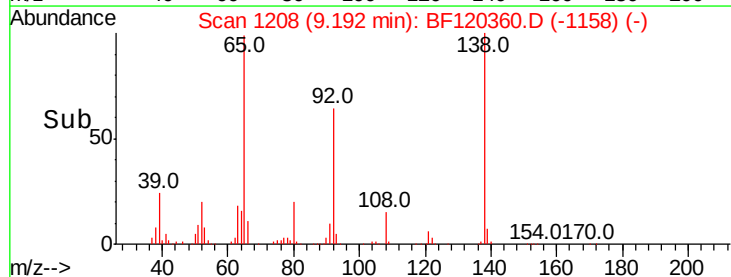
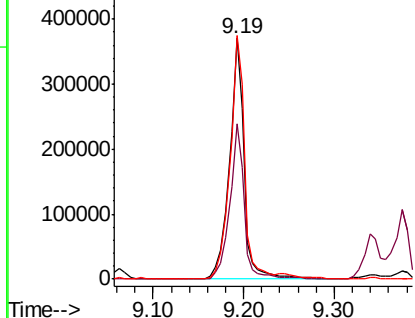


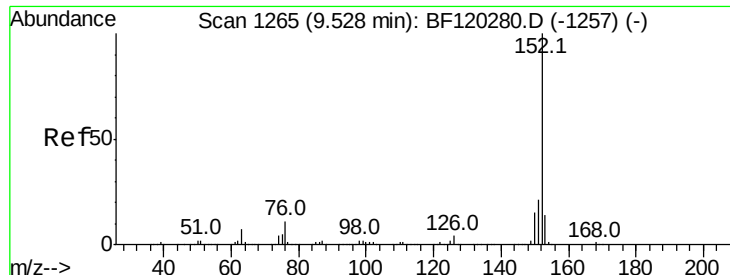
#48
 2-Nitroaniline
 Concen: 45.261 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion: 65 Resp: 416740
 Ion Ratio Lower Upper
 65 100
 92 64.6 52.9 79.3
 138 101.1 83.0 124.4



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





#49

Acenaphthylene

Concen: 47.447 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

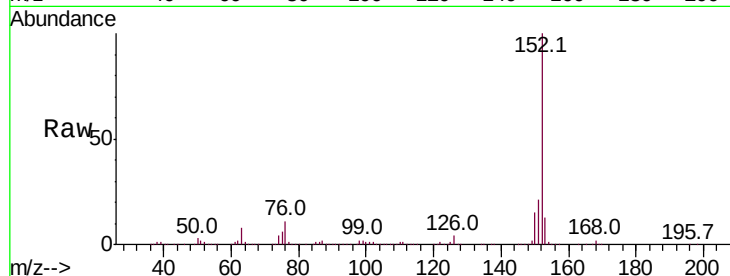
Tot Ion:152 Resp: 1828994

Ion Ratio Lower Upper

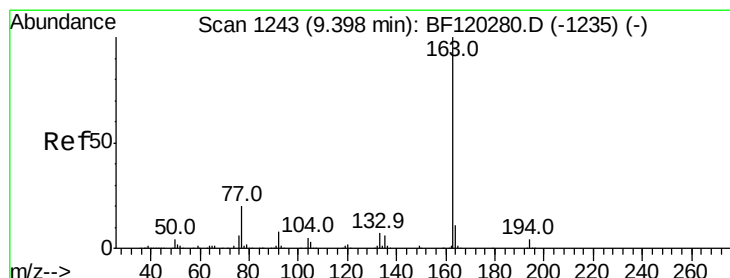
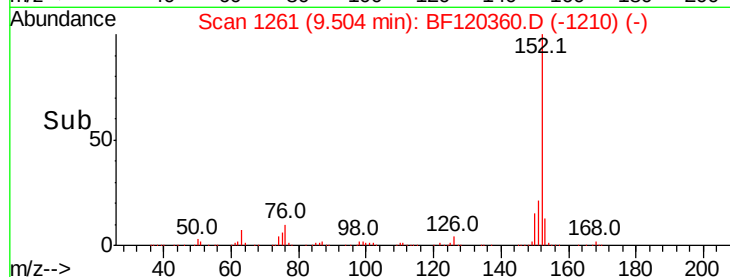
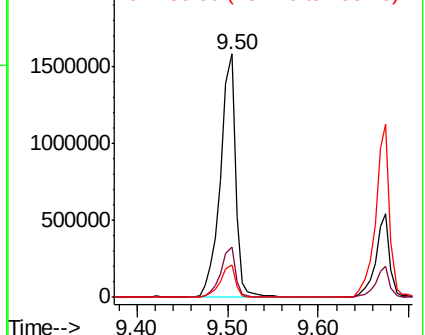
152 100

151 20.6 16.6 25.0

153 13.1 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: 45.522 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

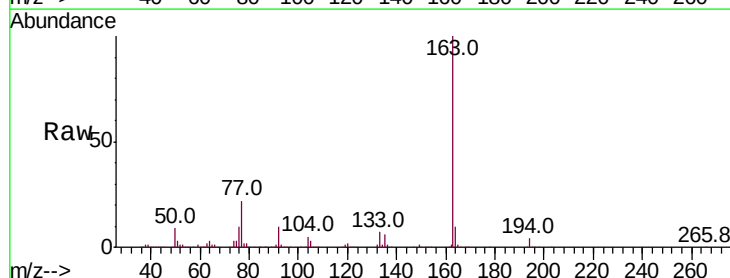
Tgt Ion:163 Resp: 1381691

Ion Ratio Lower Upper

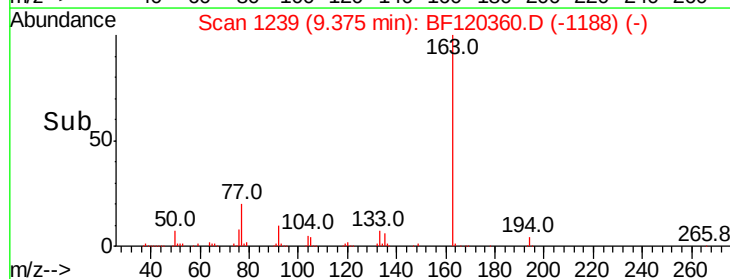
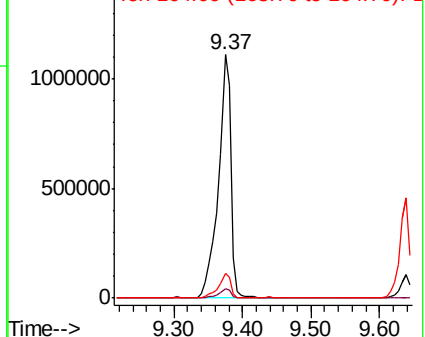
163 100

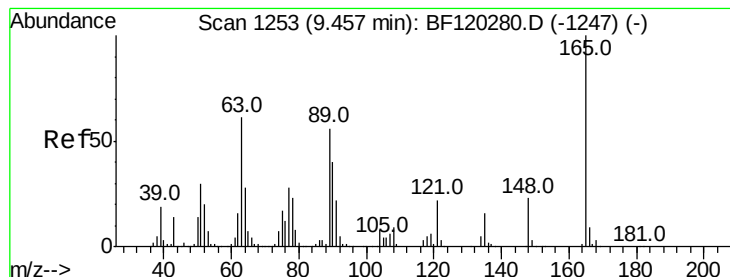
194 3.7 3.1 4.7

164 10.4 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: 45.504 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

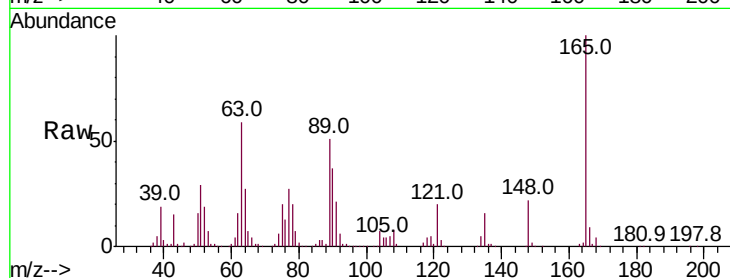
Tot Ion:165 Resp: 308254

Ion Ratio Lower Upper

165 100

63 59.2 50.2 75.2

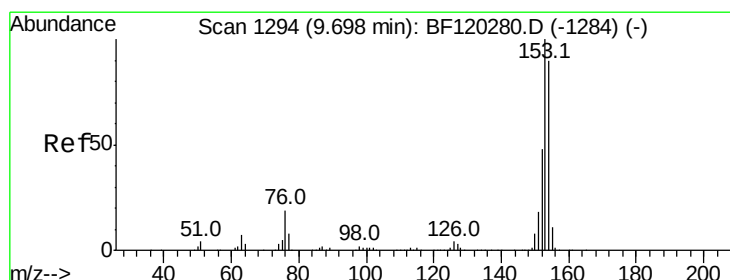
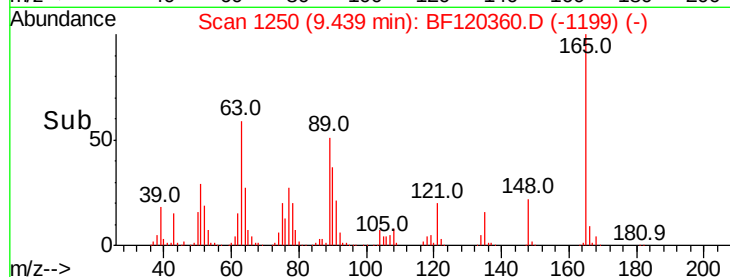
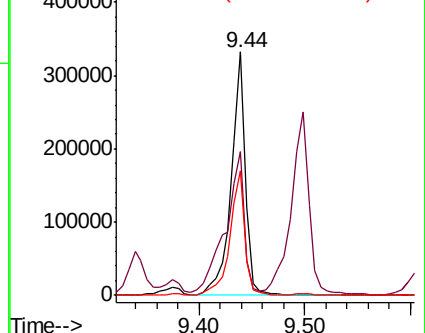
89 51.4 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.703 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

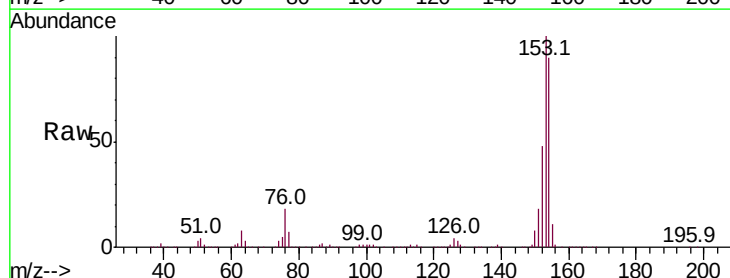
Tgt Ion:154 Resp: 1079127

Ion Ratio Lower Upper

154 100

153 110.9 89.0 133.4

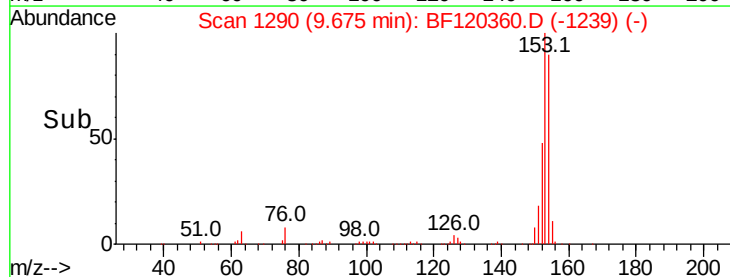
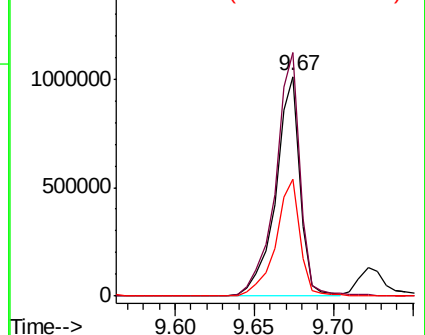
152 53.5 42.6 64.0

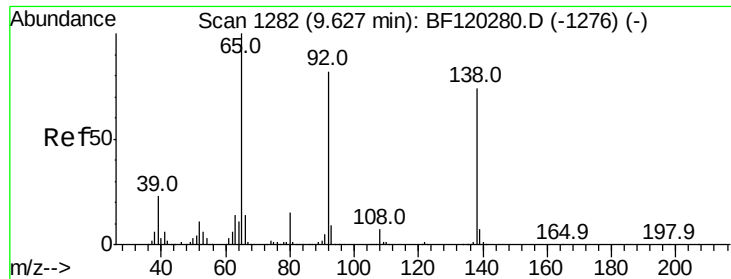


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

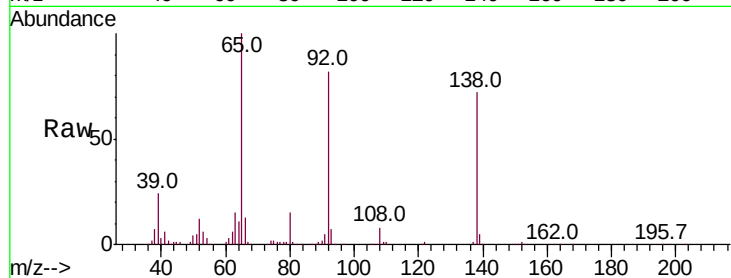




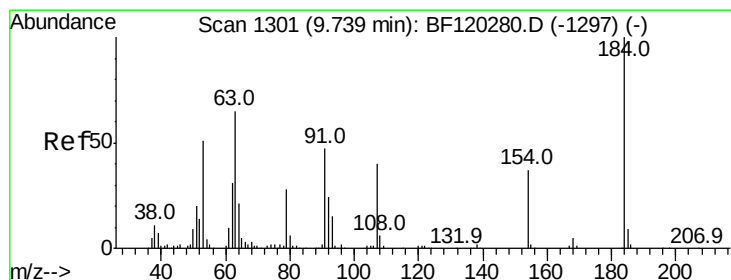
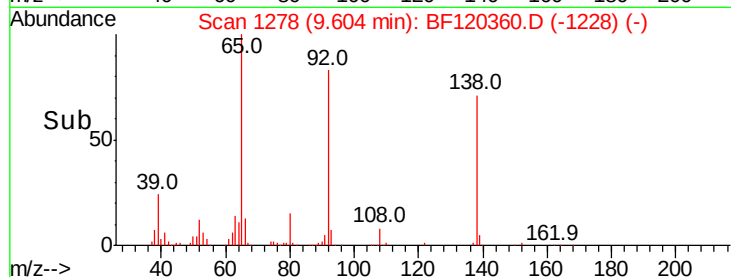
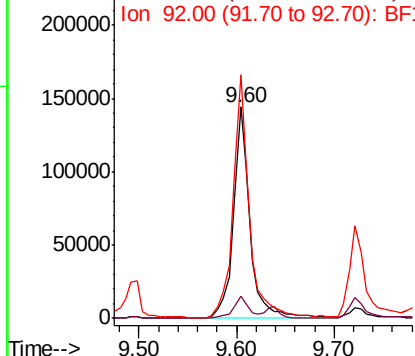
#53
3-Nitroaniline
Concen: 20.907 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB128986BS

Tot Ion:138 Resp: 168895
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 115.3 89.6 134.4

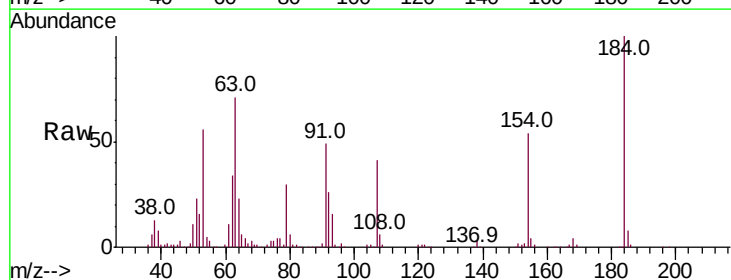


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

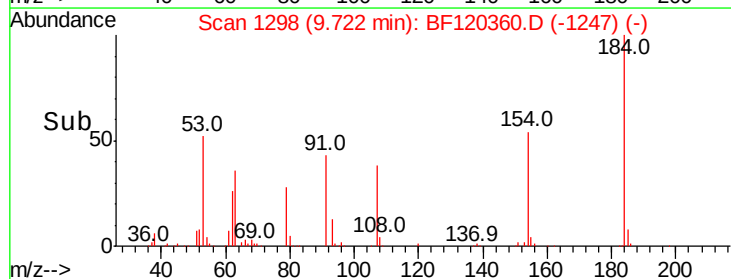
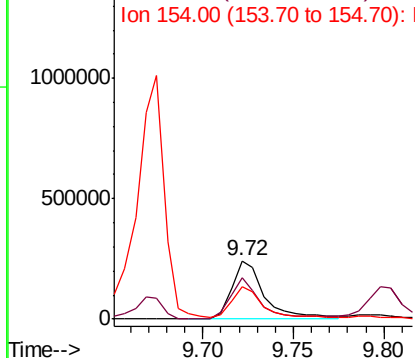


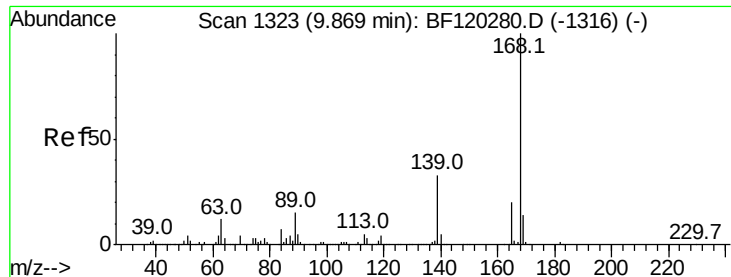
#54
2,4-Dinitrophenol
Concen: 95.612 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:184 Resp: 305736
Ion Ratio Lower Upper
184 100
63 70.8 53.6 80.4
154 54.5 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

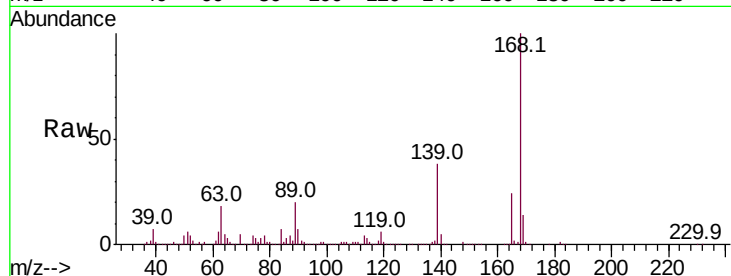




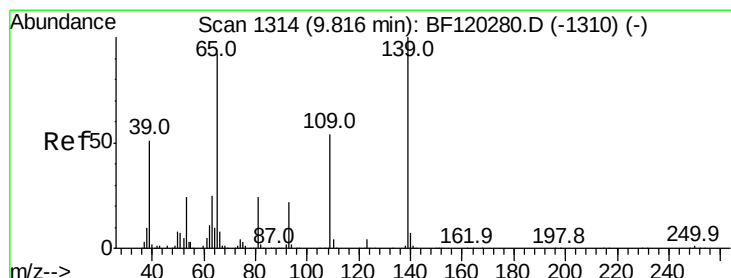
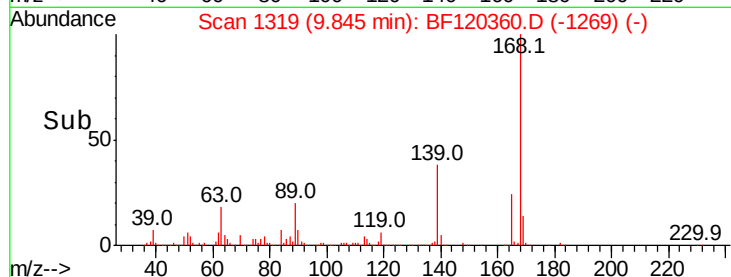
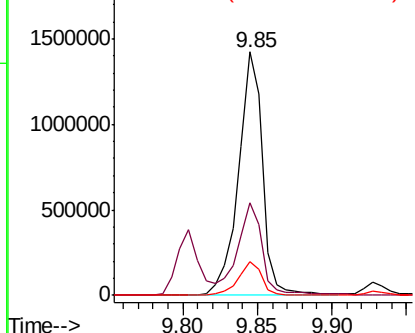
#55
Dibenzofuran
Concen: 48.211 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB128986BS

Tot Ion:168 Resp: 1604166
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.7 11.0 16.6

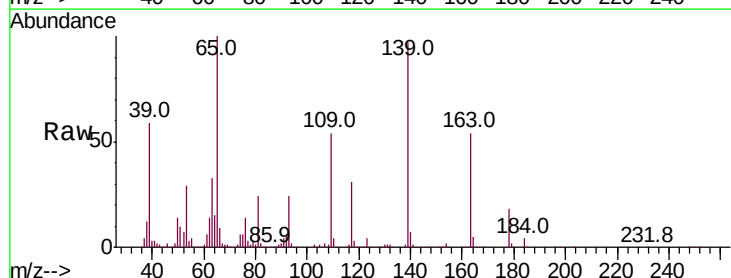


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

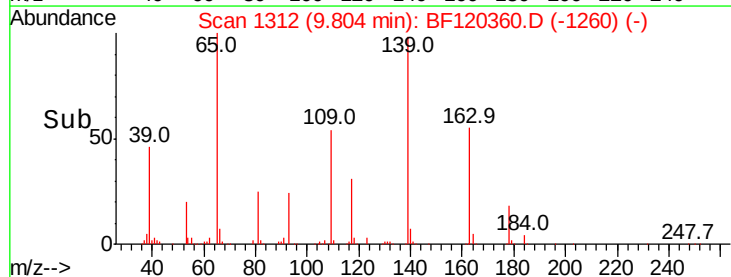
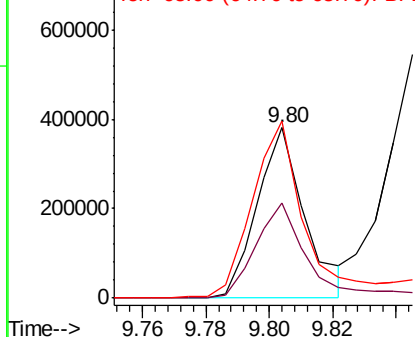


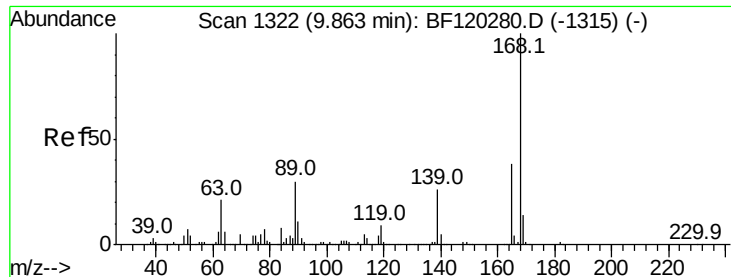
#56
4-Nitrophenol
Concen: 91.773 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:139 Resp: 398362
Ion Ratio Lower Upper
139 100
109 55.6 34.6 74.6
65 103.6 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

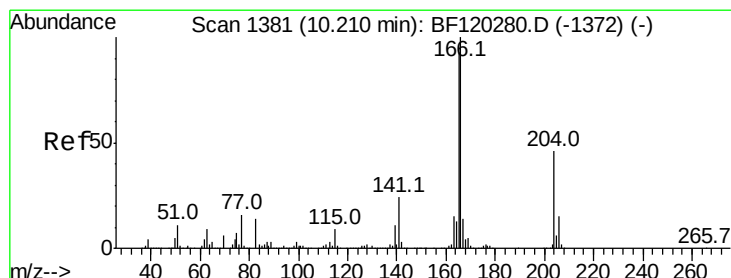
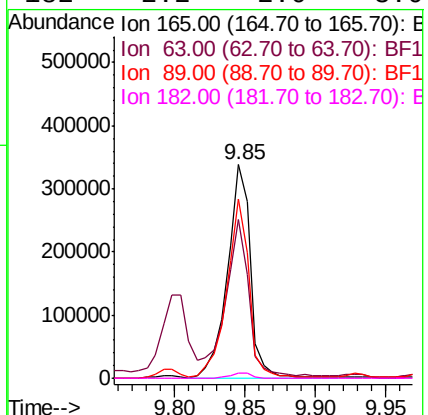
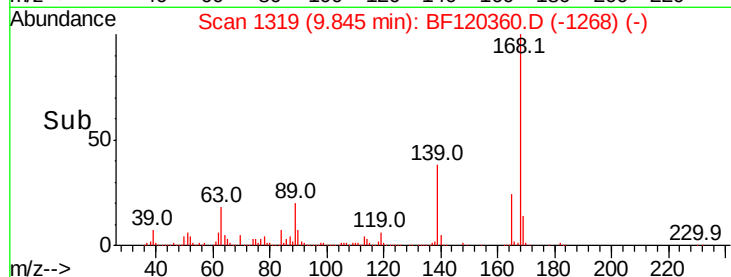
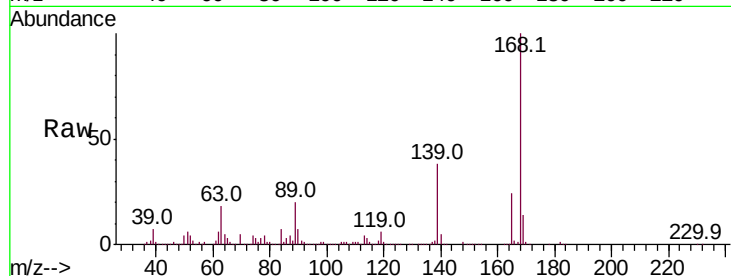




#57
 2,4-Dinitrotoluene
 Concen: 47.830 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

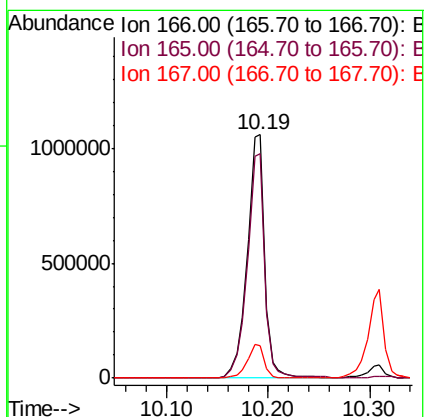
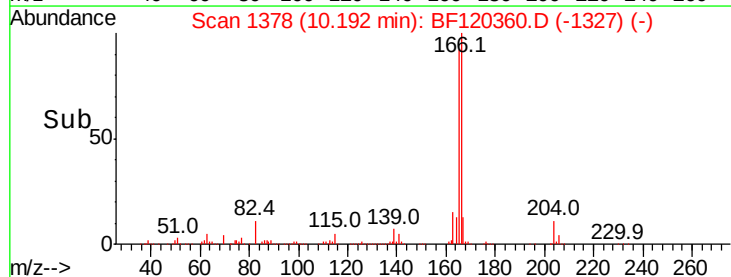
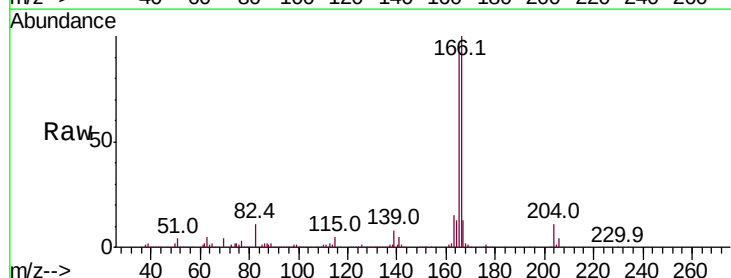
Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

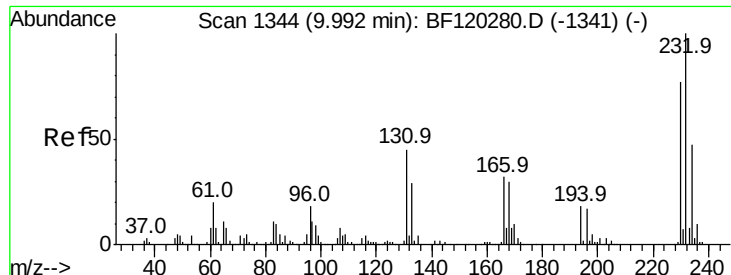
Tot Ion:165 Resp: 380079
 Ion Ratio Lower Upper
 165 100
 63 74.2 51.8 77.8
 89 83.9 64.2 96.4
 182 2.2 2.0 3.0



#58
 Fluorene
 Concen: 50.102 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion:166 Resp: 1269602
 Ion Ratio Lower Upper
 166 100
 165 92.4 74.7 112.1
 167 13.2 11.4 17.0

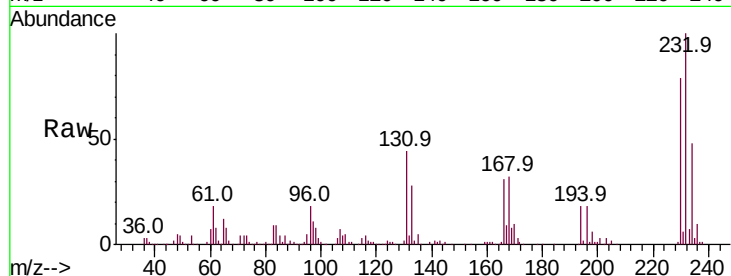




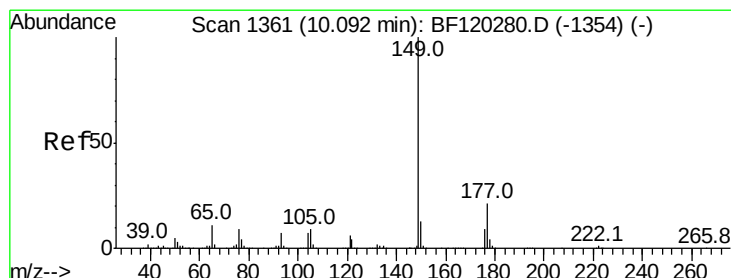
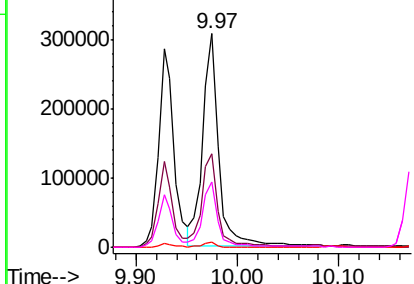
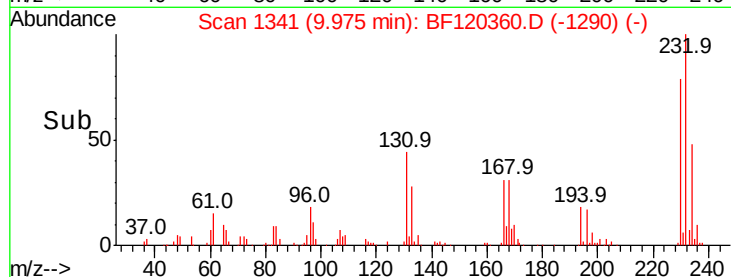
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.240 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

Tot Ion:232 Resp: 338823
 Ion Ratio Lower Upper
 232 100
 131 42.5 34.1 51.1
 130 2.1 1.7 2.5
 166 28.8 23.3 34.9

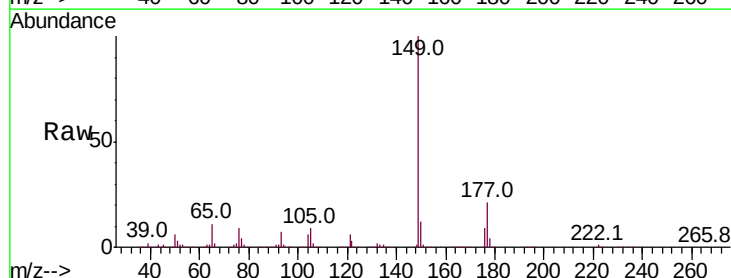


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

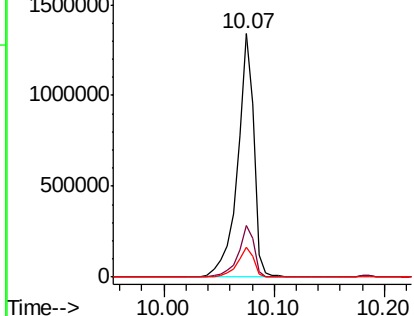
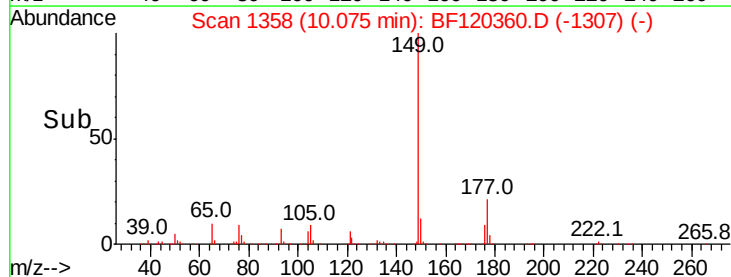


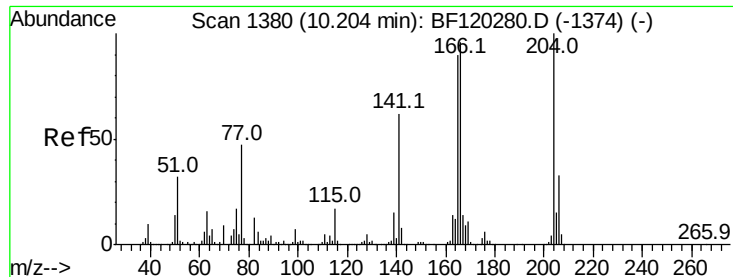
#60
 Diethylphthalate
 Concen: 47.148 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion:149 Resp: 1381556
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.1 25.7
 150 12.5 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

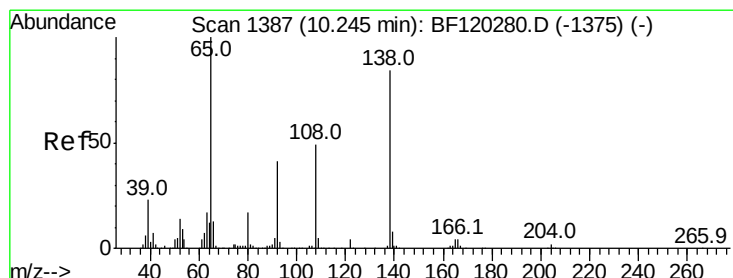
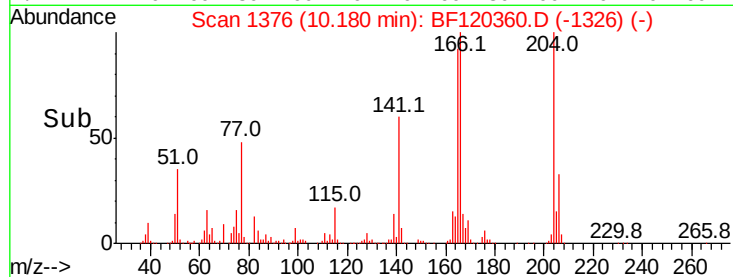
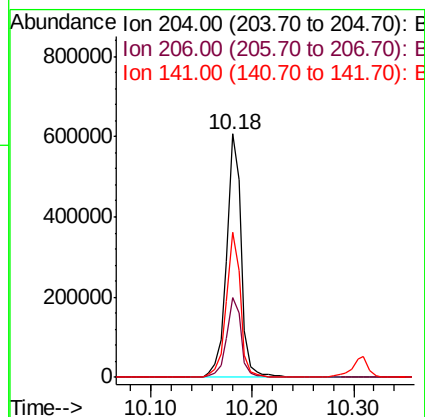
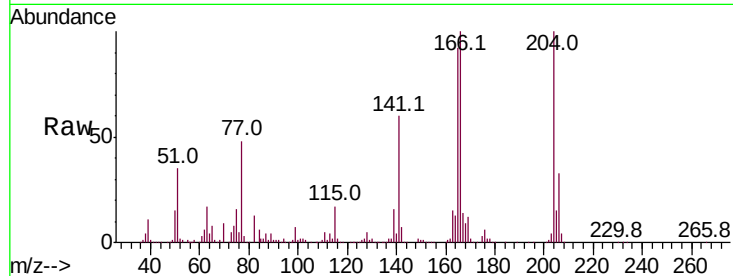




#61
4-Chlorophenyl-phenylether
Concen: 46.116 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

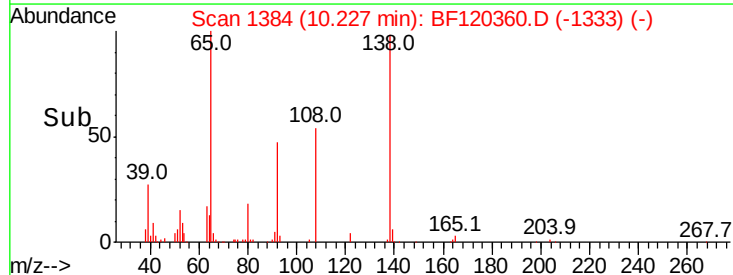
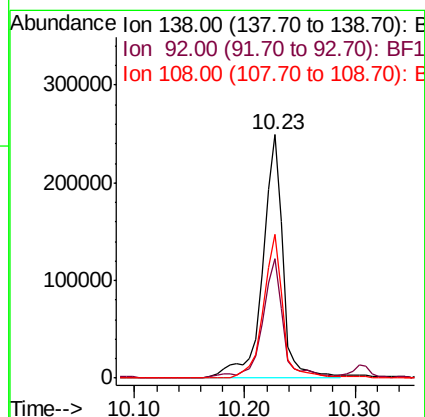
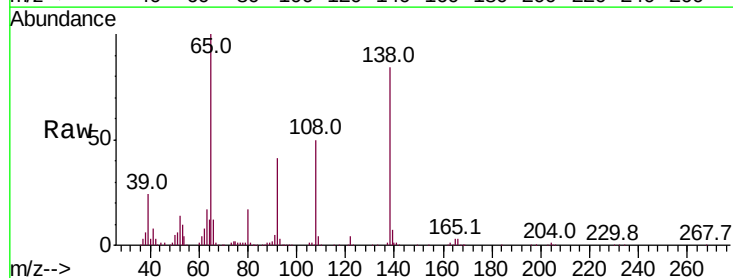
Instrument :
BNA_F
ClientSampleId :
PB128986BS

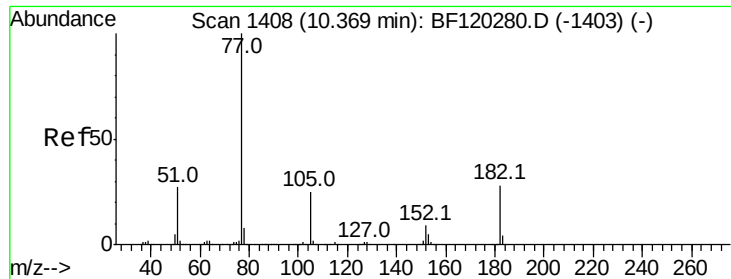
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.8	40.2
141	59.6	49.5	74.3



#62
4-Nitroaniline
Concen: 43.021 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.9	68.9
108	59.0	38.4	78.4





#63

Azobenzene

Concen: 49.415 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

Tot Ion: 77 Resp: 1368514

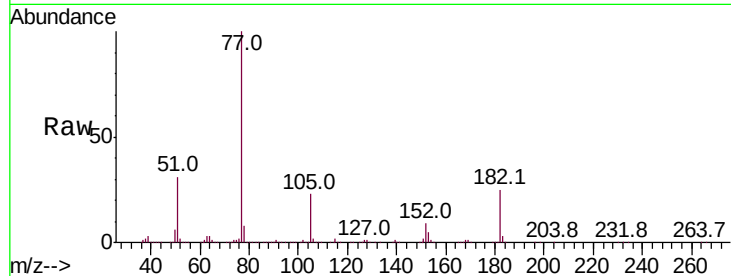
Ion Ratio Lower Upper

77 100

182 24.9 7.4 47.4

105 22.9 4.4 44.4

51 31.1 8.3 48.3

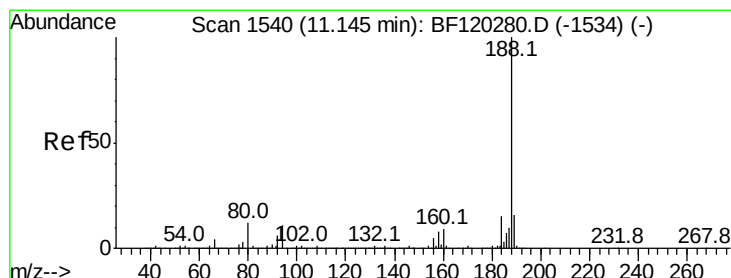
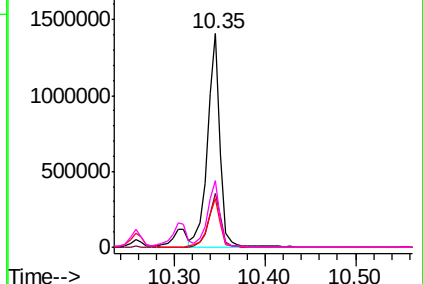
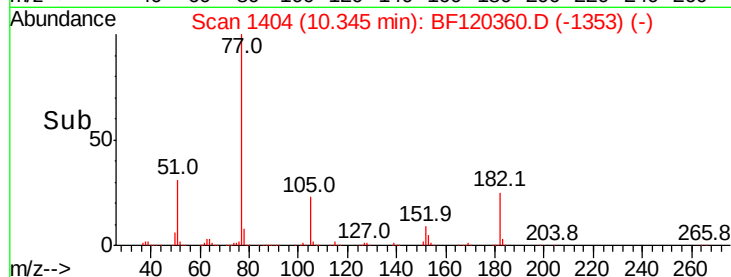


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

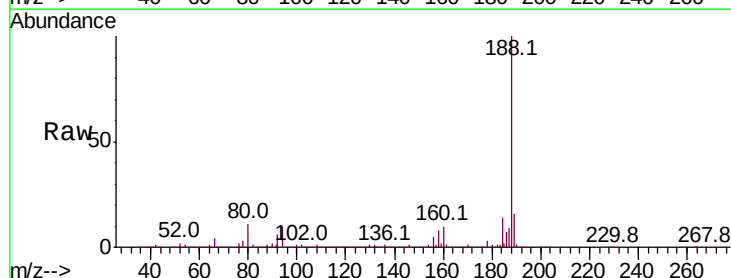
Tgt Ion: 188 Resp: 903116

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

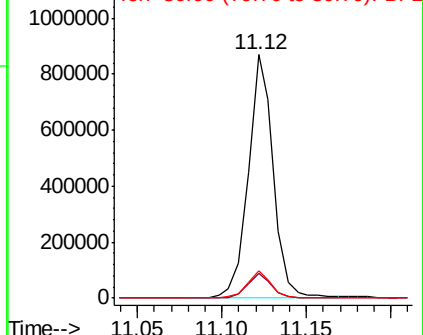
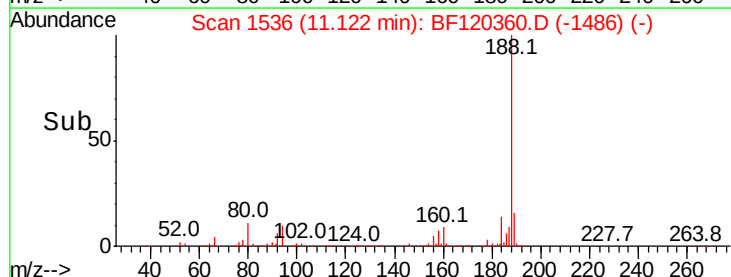
80 11.0 9.2 13.8

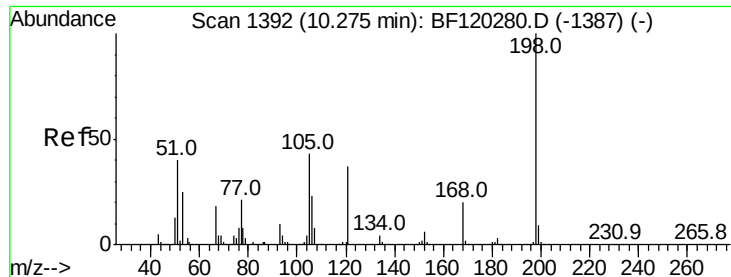


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

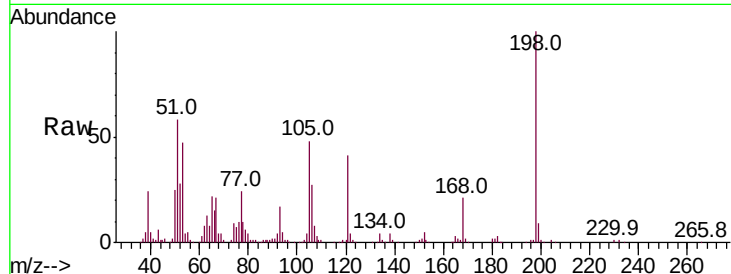




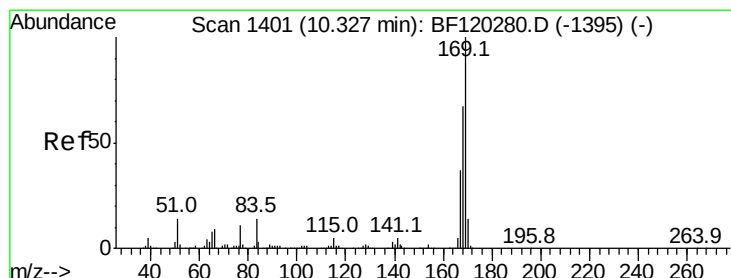
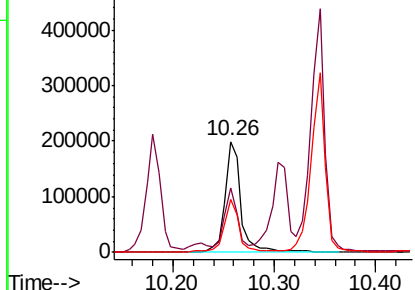
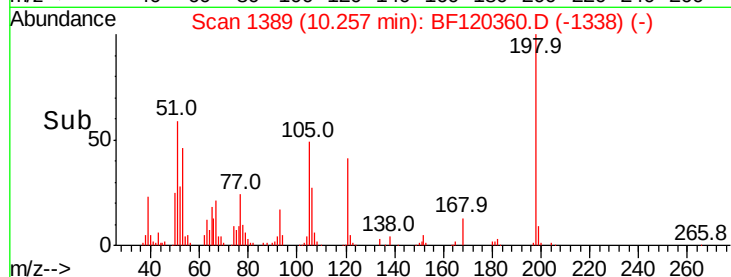
#65
4,6-Dinitro-2-methylphenol
Concen: 47.624 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB128986BS

Tot Ion:198 Resp: 217514
Ion Ratio Lower Upper
198 100
51 58.4 27.1 67.1
105 48.0 24.3 64.3

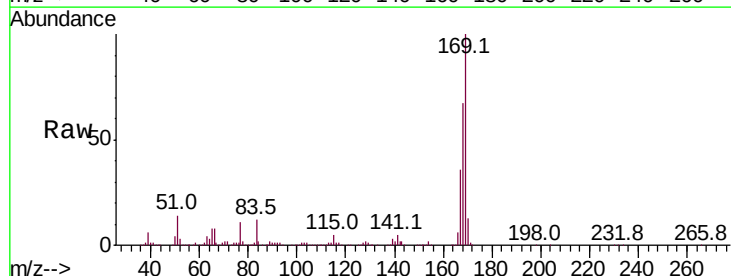


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

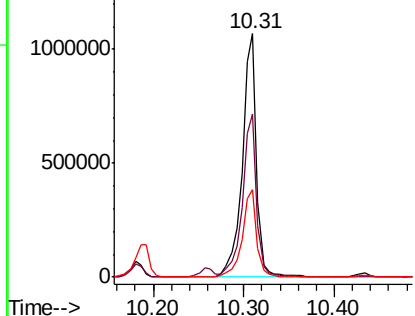
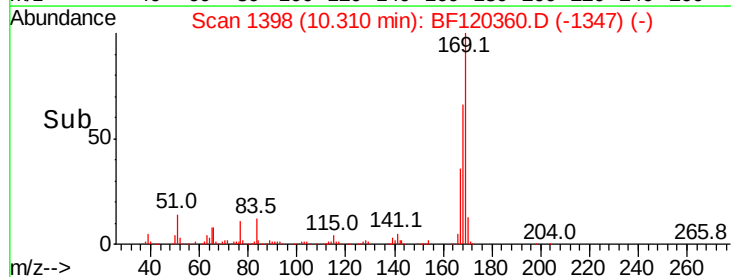


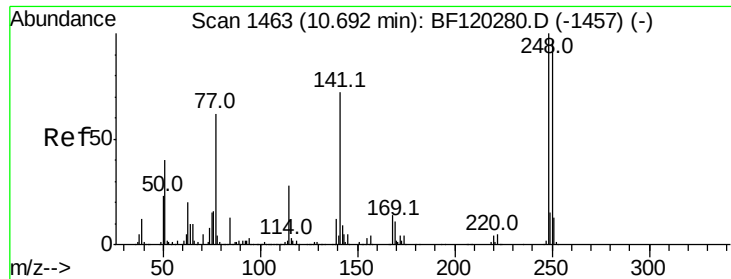
#66
n-Nitrosodiphenylamine
Concen: 47.061 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:169 Resp: 1175854
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

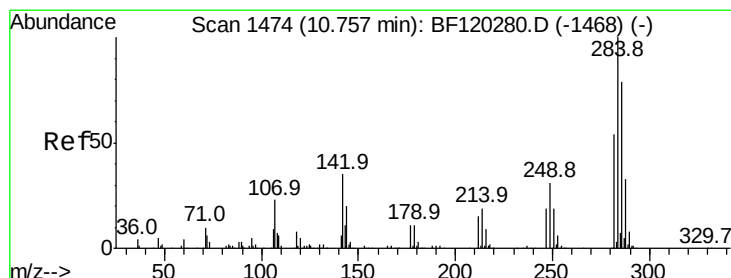
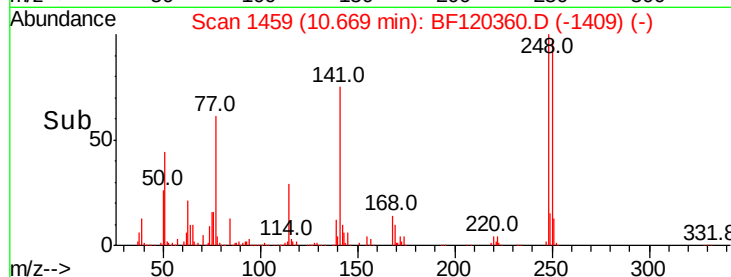
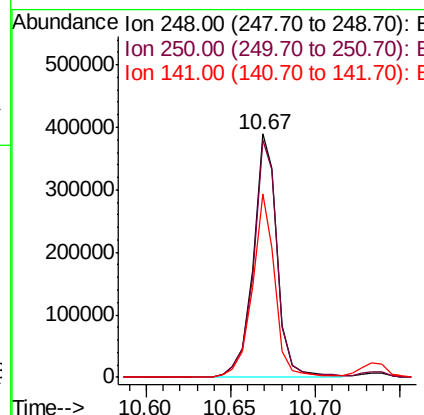
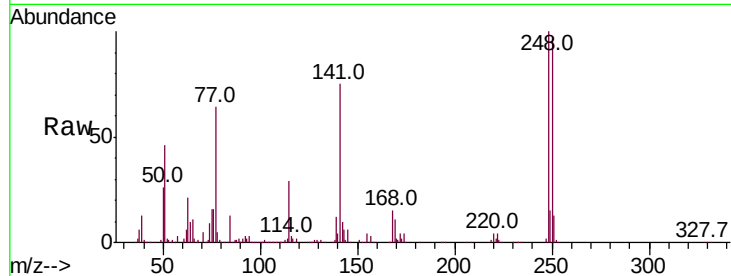




#67
4-Bromophenyl-phenylether
Concen: 43.928 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

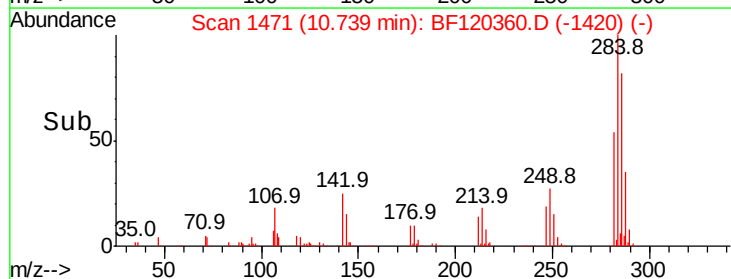
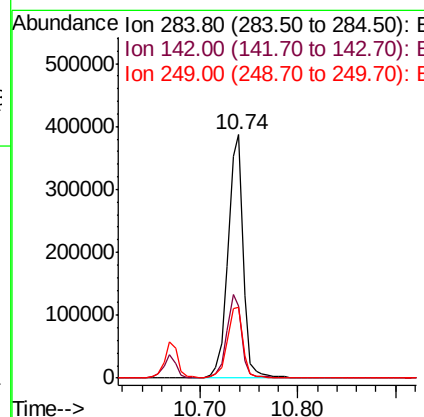
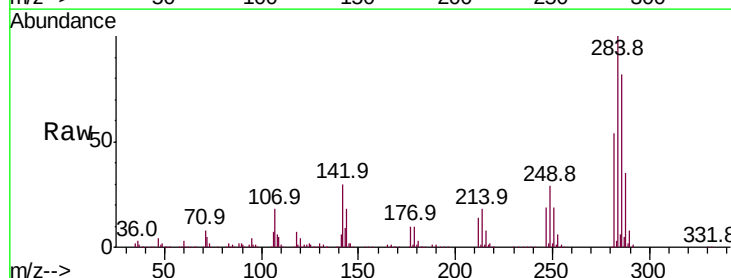
Instrument :
BNA_F
ClientSampleId :
PB128986BS

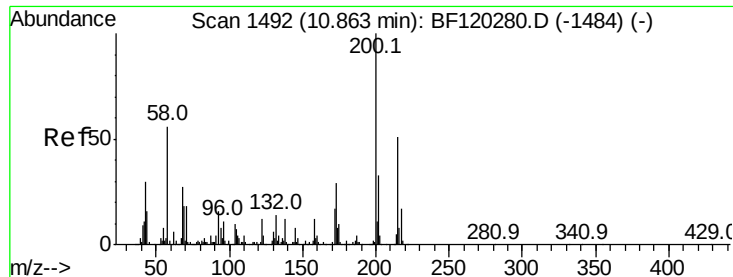
Tot Ion:248 Resp: 384968
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 75.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.717 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:284 Resp: 419144
Ion Ratio Lower Upper
284 100
142 29.7 28.5 42.7
249 29.1 24.8 37.2





#69

Atrazine

Concen: 45.099 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

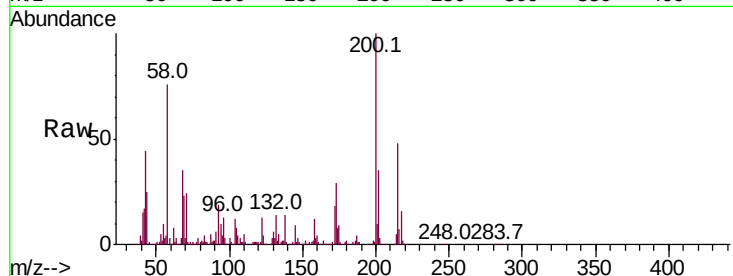
Tot Ion:200 Resp: 337175

Ion Ratio Lower Upper

200 100

173 29.2 8.7 48.7

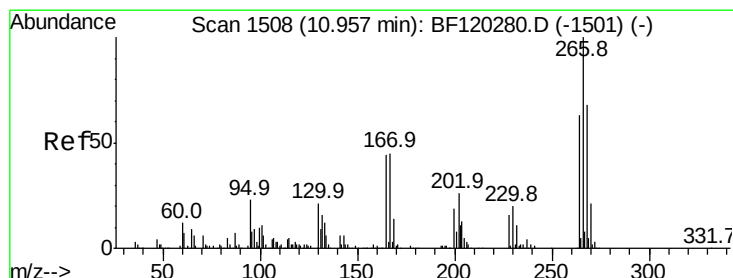
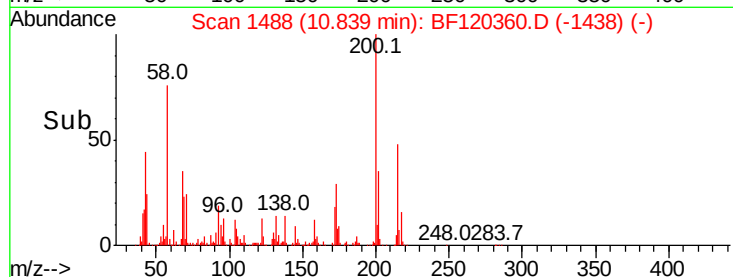
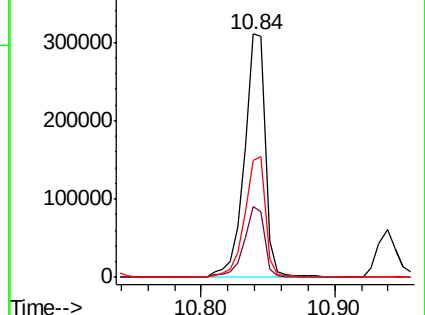
215 48.2 30.6 70.6



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: 92.336 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

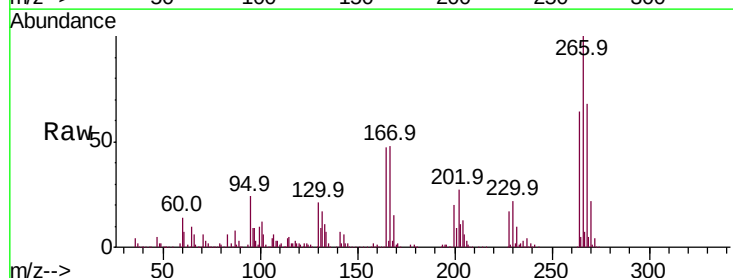
Tgt Ion:266 Resp: 360049

Ion Ratio Lower Upper

266 100

268 68.1 54.2 81.4

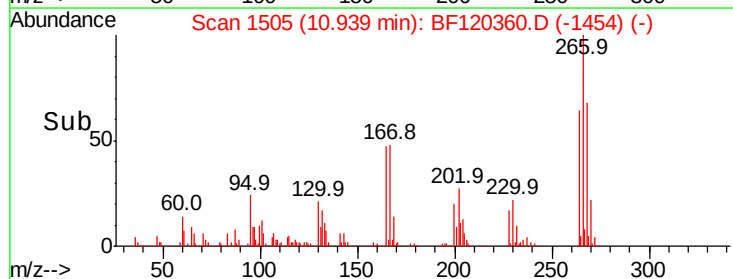
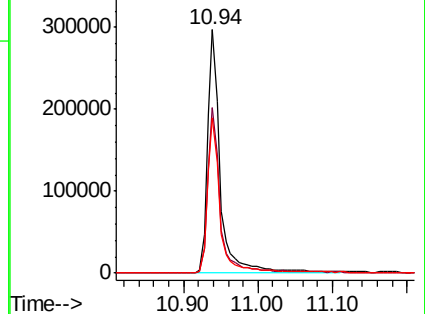
264 63.7 50.2 75.4

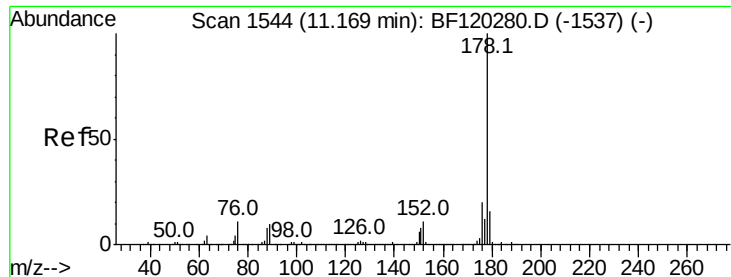


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.368 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

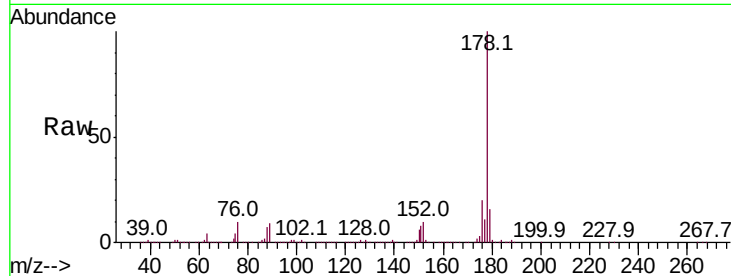
Tot Ion:178 Resp: 1797581

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

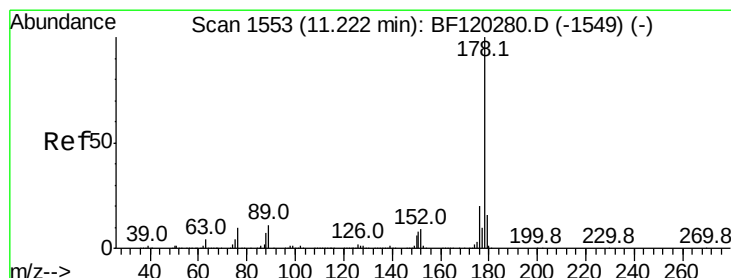
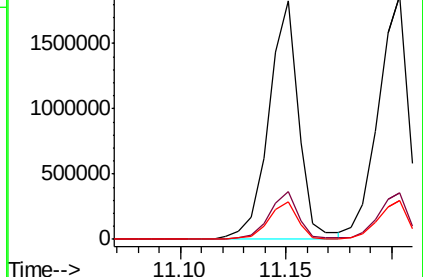
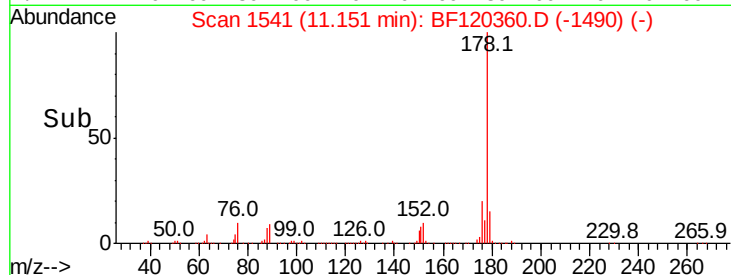
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.696 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

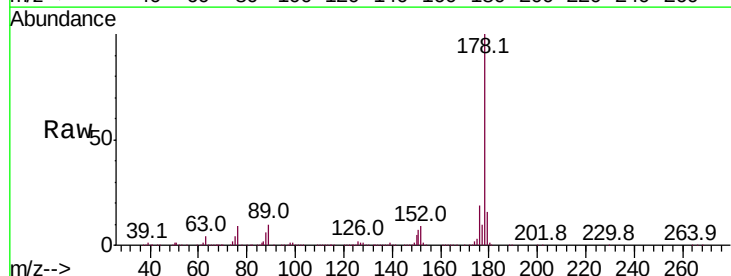
Tgt Ion:178 Resp: 1978332

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

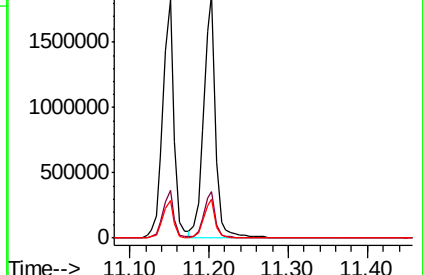
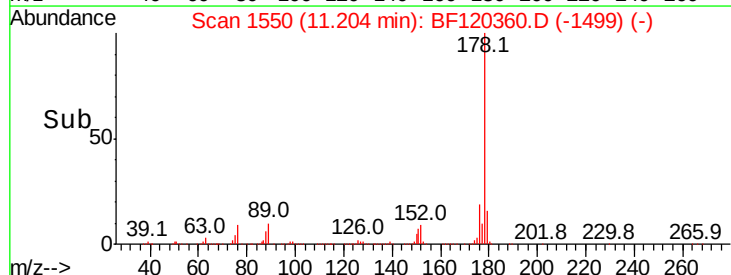
179 15.9 13.0 19.6

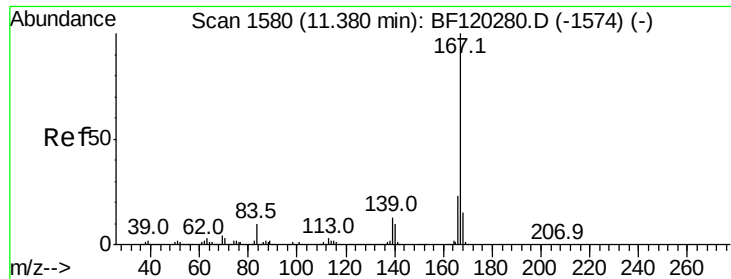


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

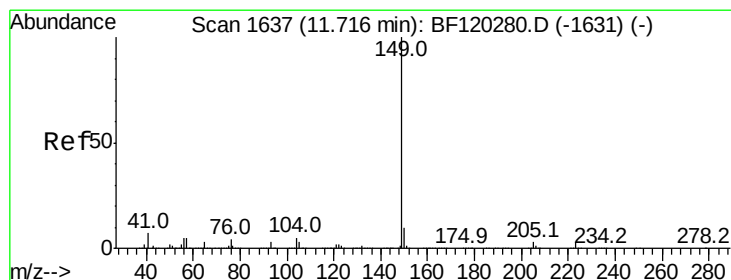
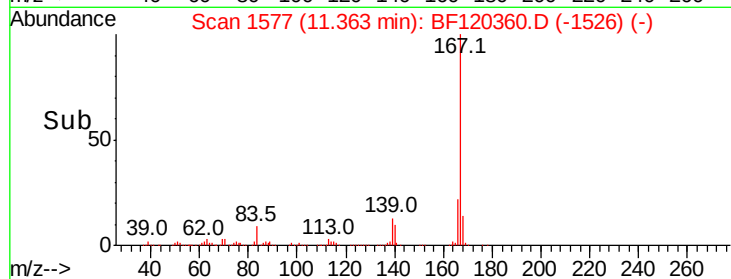
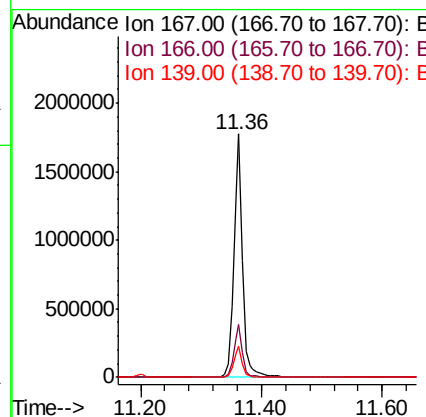
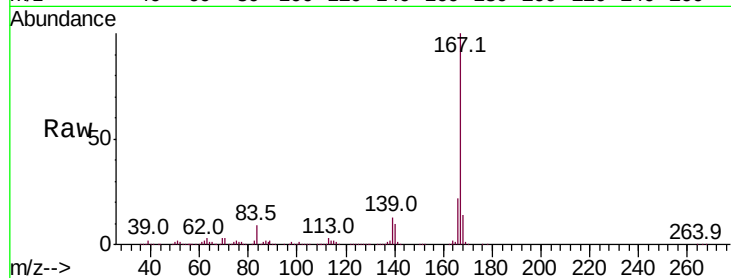




#73
 Carbazole
 Concen: 47.439 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

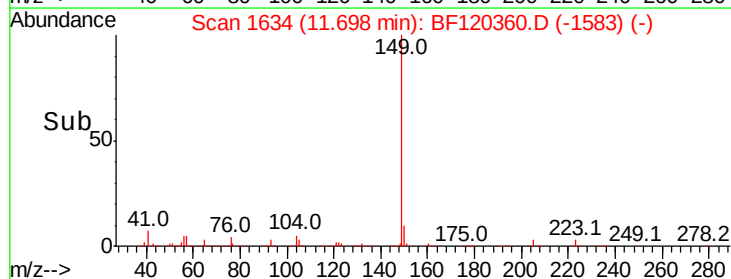
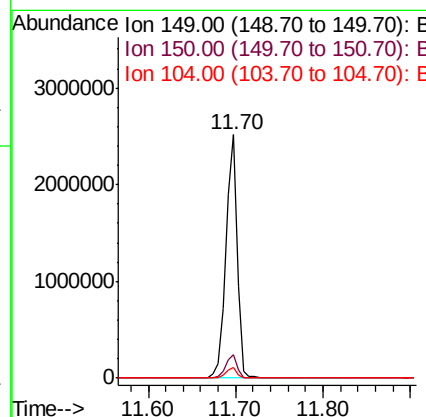
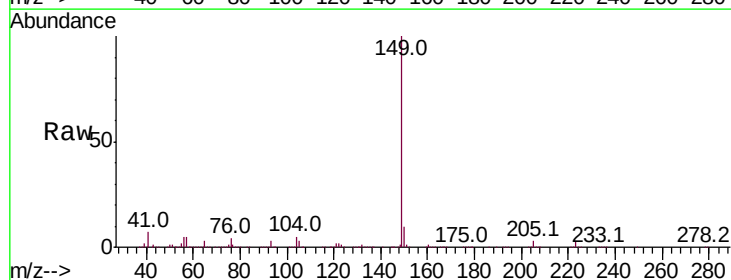
Instrument :
 BNA_F
 ClientSampleId :
 PB128986BS

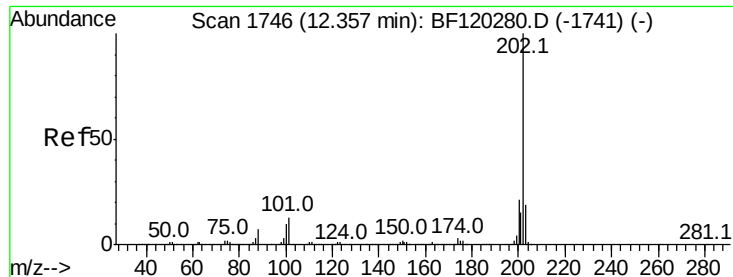
Tot Ion:167 Resp: 1800745
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 49.663 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BF120360.D
 Acq: 19 May 2020 13:34

Tgt Ion:149 Resp: 2271962
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.4
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 50.352 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

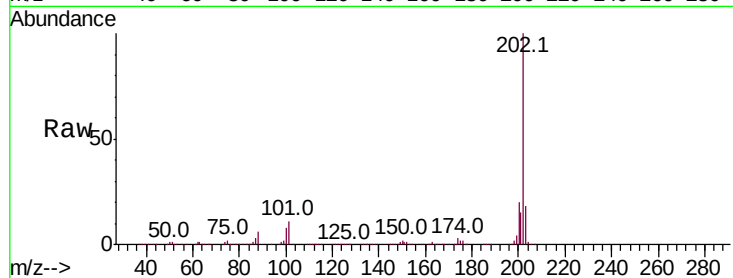
Tot Ion:202 Resp: 2048058

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.2

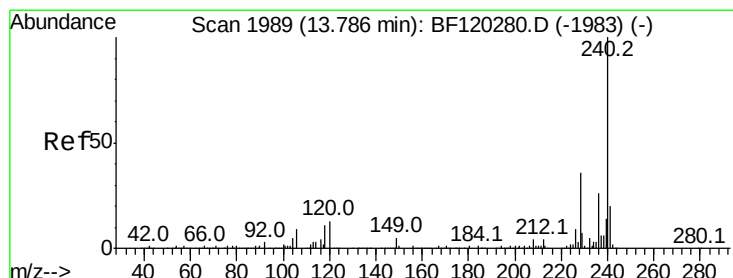
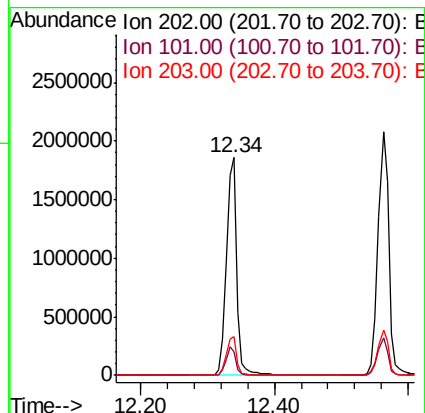
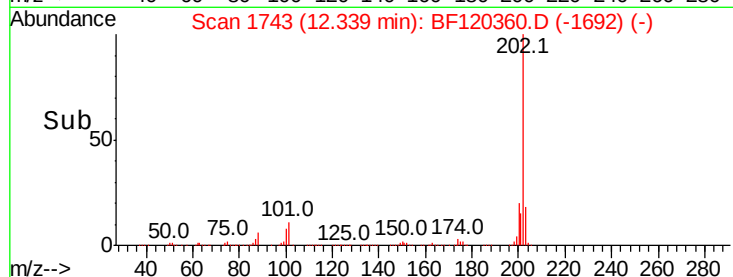
203 17.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

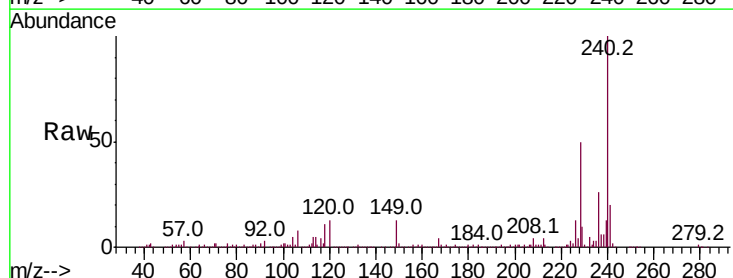
Tgt Ion:240 Resp: 631696

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

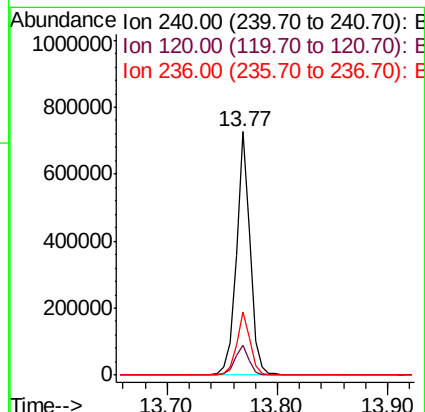
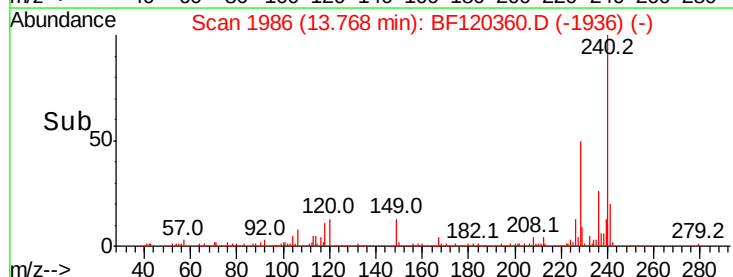
236 25.9 21.0 31.6

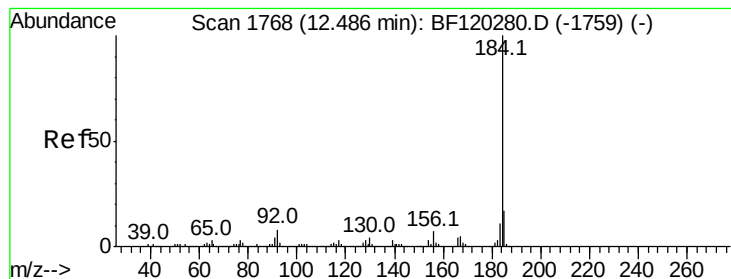


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.453 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

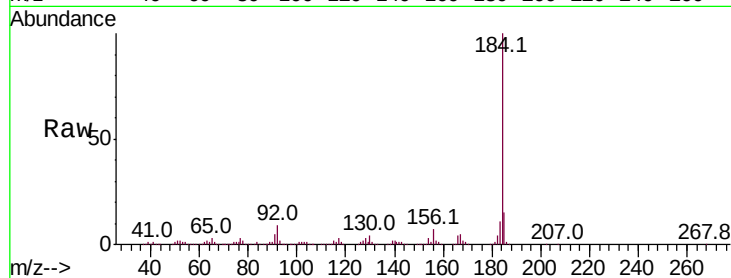
Tot Ion:184 Resp: 949141

Ion Ratio Lower Upper

184 100

185 14.8 13.7 20.5

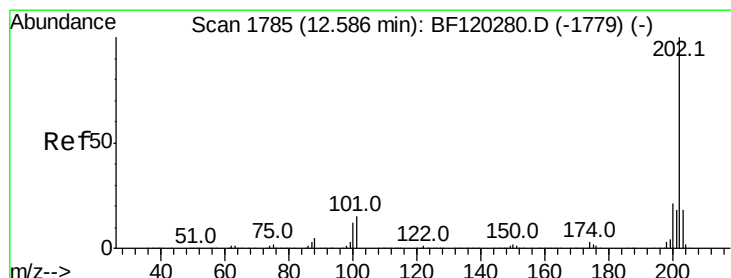
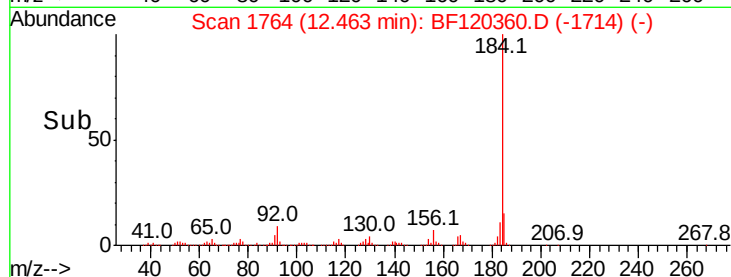
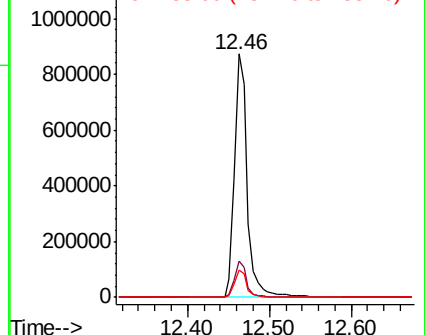
183 11.2 8.7 13.1



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: 49.419 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

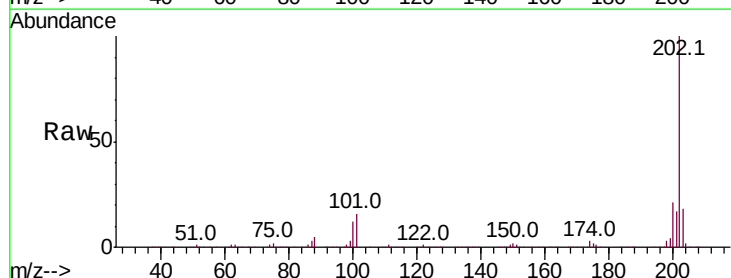
Tgt Ion:202 Resp: 2225545

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

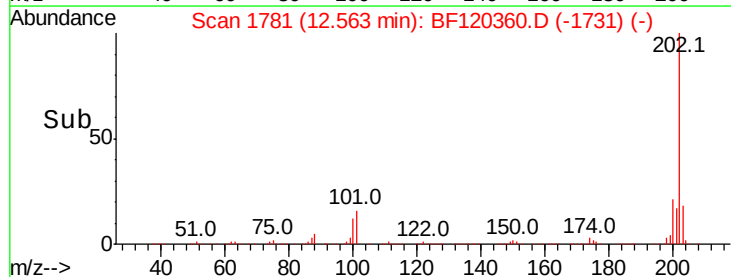
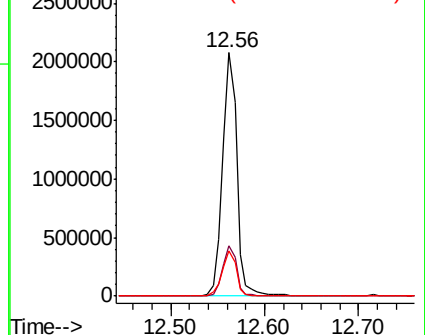
203 18.3 14.6 22.0

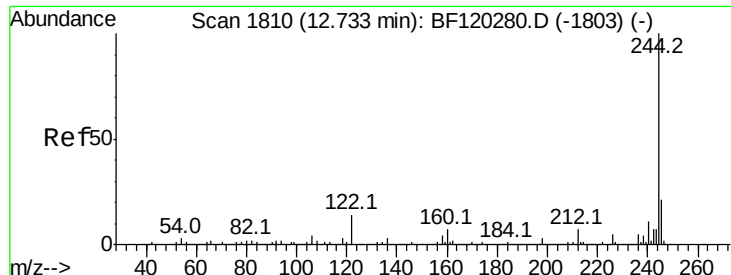


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.641 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

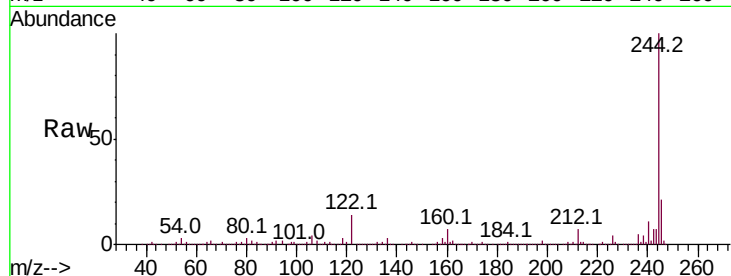
Tot Ion:244 Resp: 2992085

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

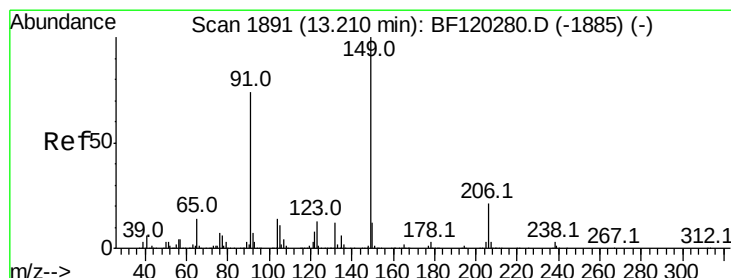
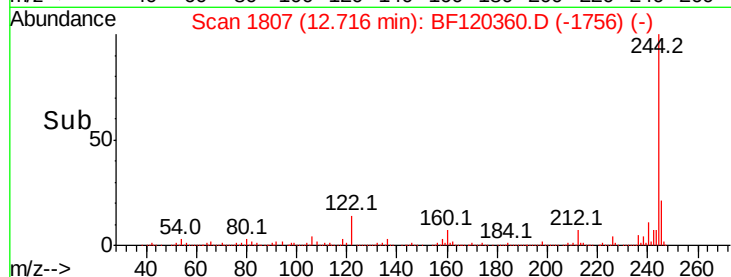
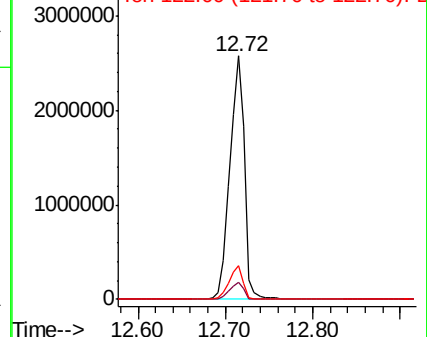
122 13.9 10.8 16.2



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: 44.907 ng

RT: 13.19 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

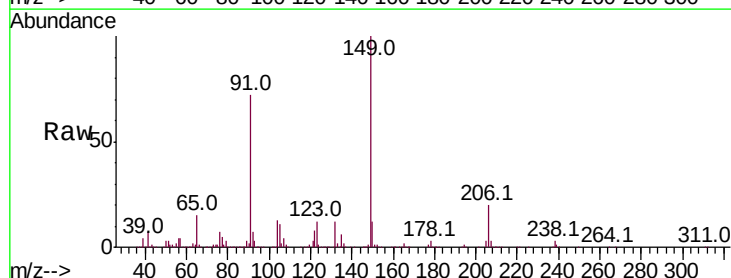
Tgt Ion:149 Resp: 952279

Ion Ratio Lower Upper

149 100

91 71.8 59.0 88.4

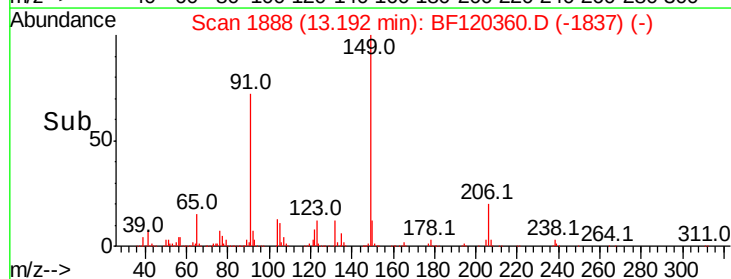
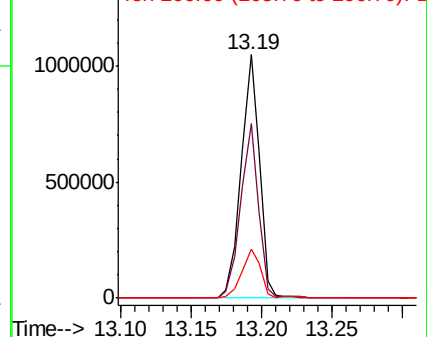
206 20.2 16.8 25.2

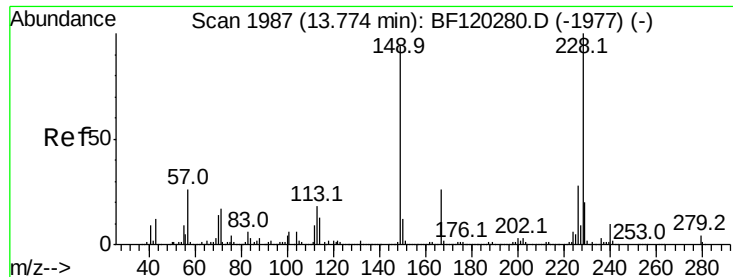


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

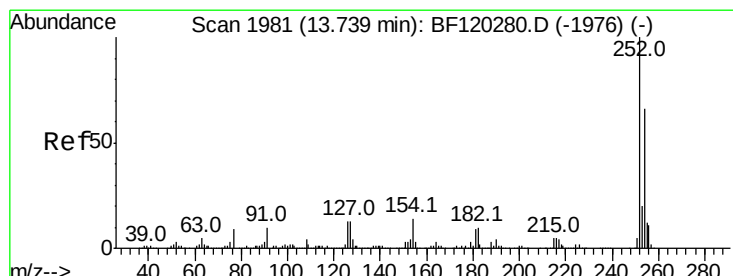
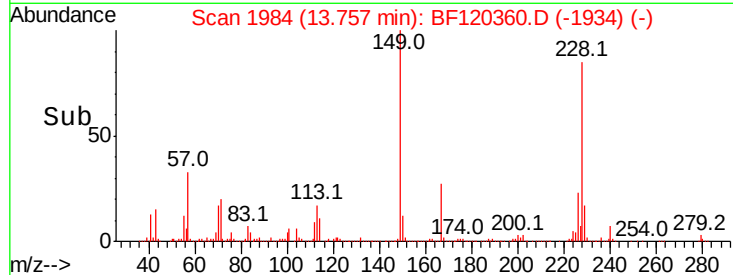
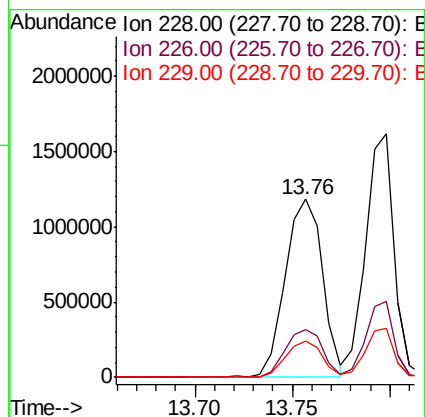
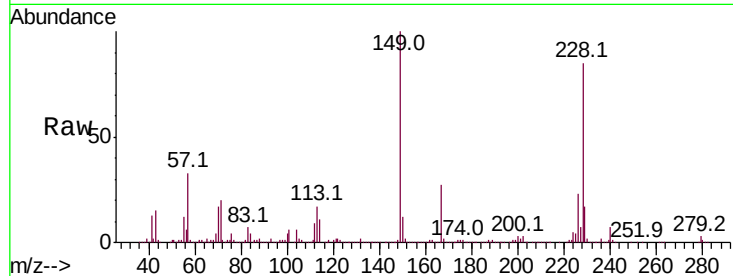




#81
Benzo(a)anthracene
Concen: 46.786 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

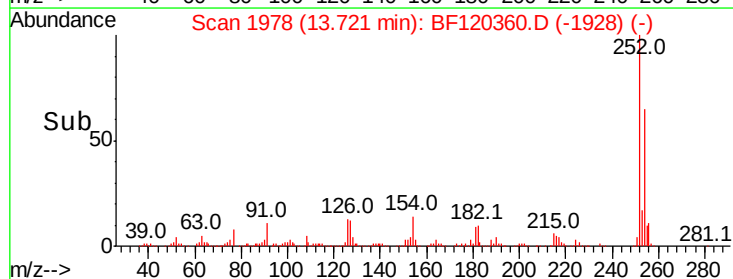
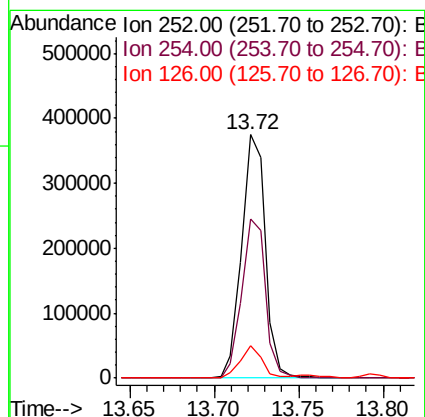
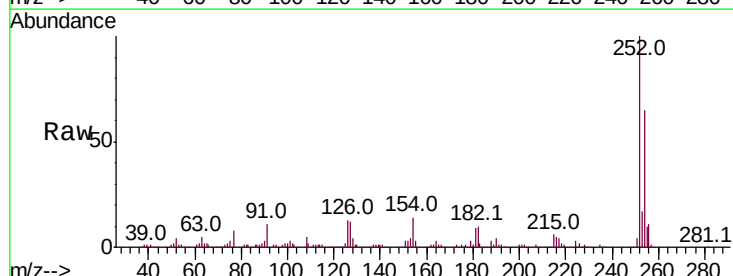
Instrument :
BNA_F
ClientSampleId :
PB128986BS

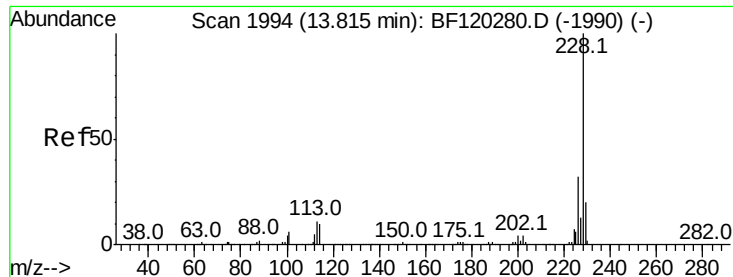
Tot Ion:228 Resp: 1558791
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 20.1 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 29.299 ng
RT: 13.72 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:252 Resp: 367866
Ion Ratio Lower Upper
252 100
254 65.4 52.6 78.8
126 13.2 10.7 16.1





#83

Chrysene

Concen: 45.988 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

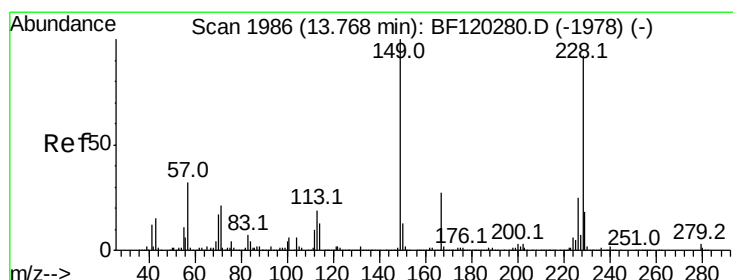
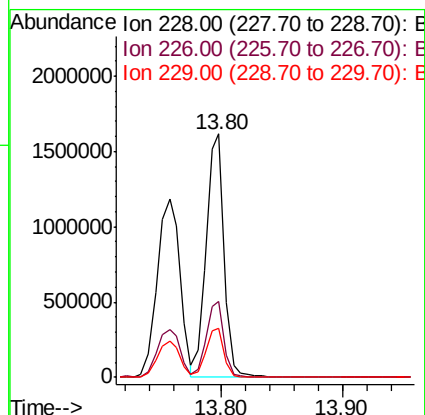
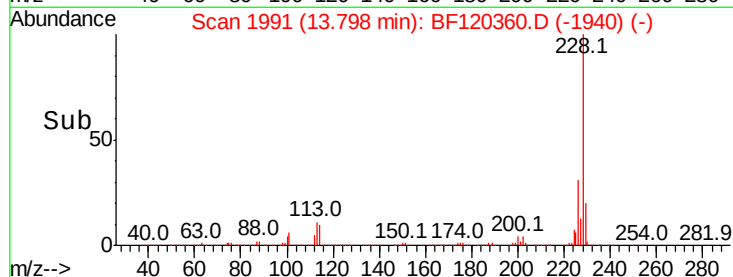
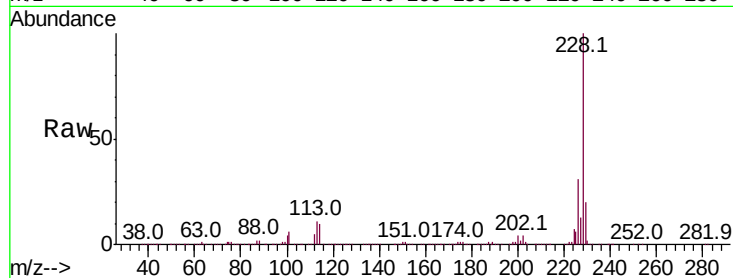
BNA_F

ClientSampleId :

PB128986BS

Tot Ion:228 Resp: 1645304

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.2	16.2	24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.817 ng

RT: 13.76 min Scan# 1984

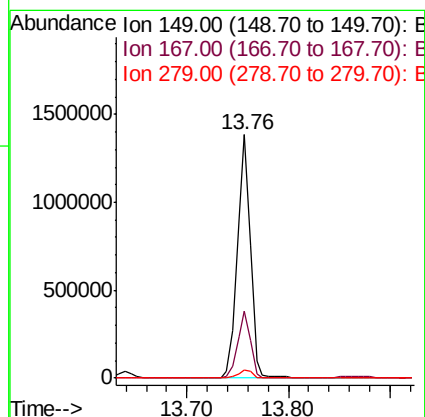
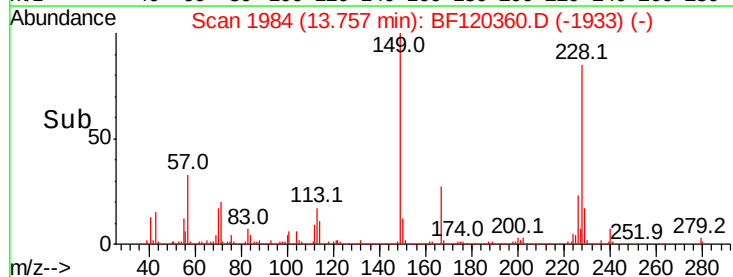
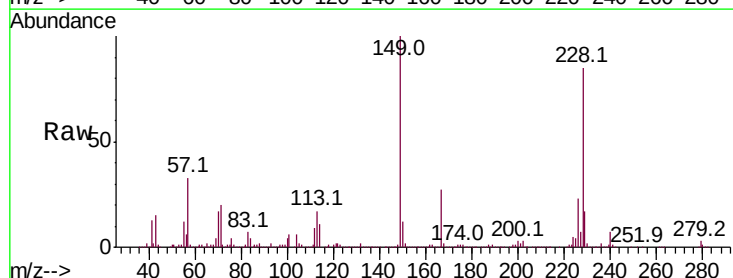
Delta R.T. 0.00 min

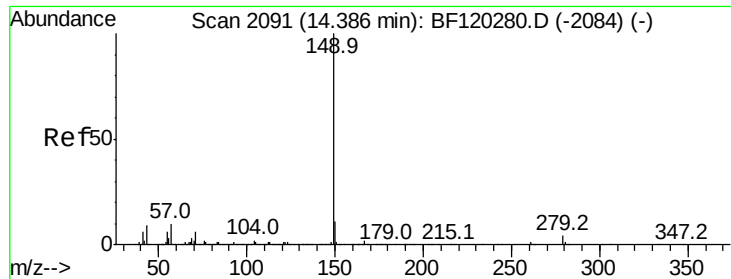
Lab File: BF120360.D

Acq: 19 May 2020 13:34

Tgt Ion:149 Resp: 1235178

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	3.5	2.8	4.2

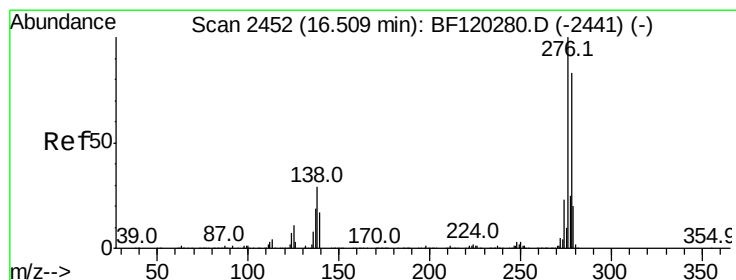
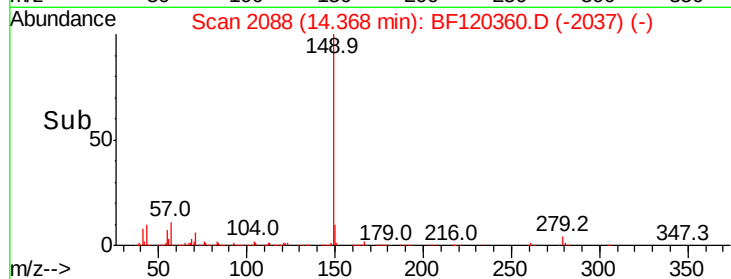
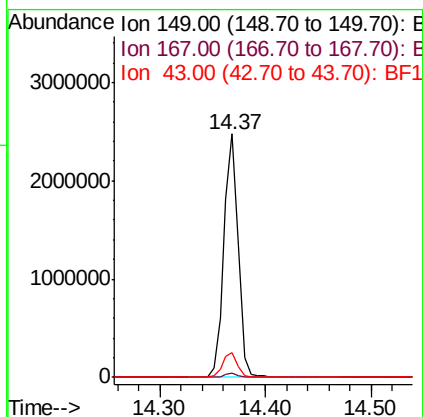
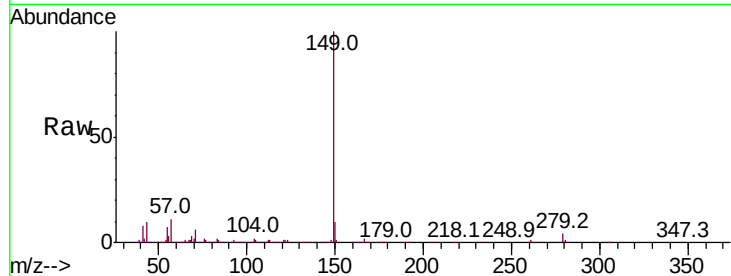




#85
Di-n-octyl phthalate
Concen: 49.386 ng
RT: 14.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

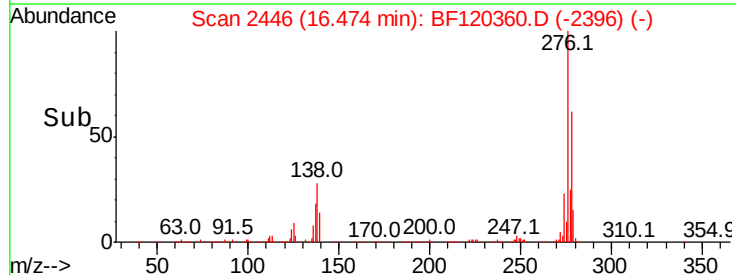
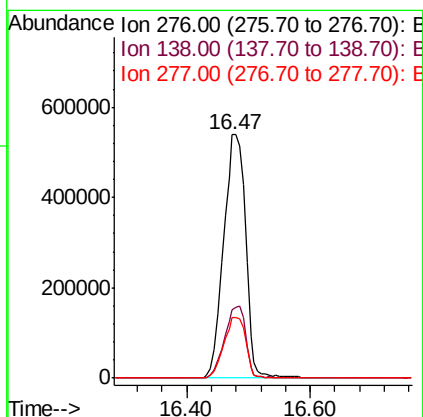
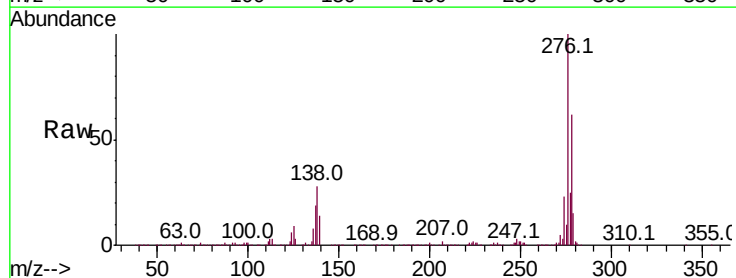
Instrument :
BNA_F
ClientSampleId :
PB128986BS

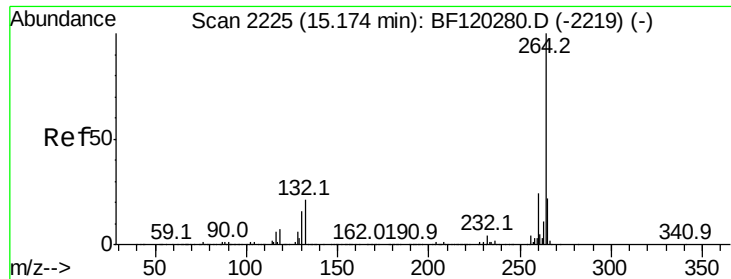
Tot Ion:149 Resp: 2344006
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.129 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:276 Resp: 1335511
Ion Ratio Lower Upper
276 100
138 28.6 23.3 34.9
277 24.8 20.2 30.4

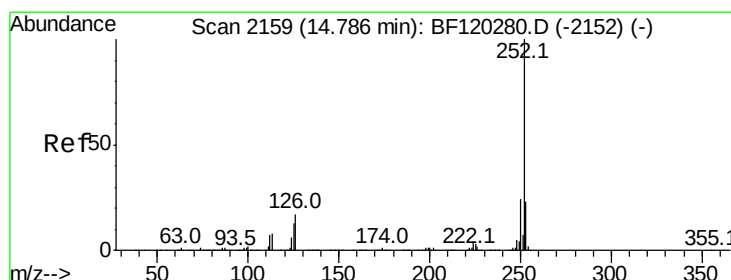
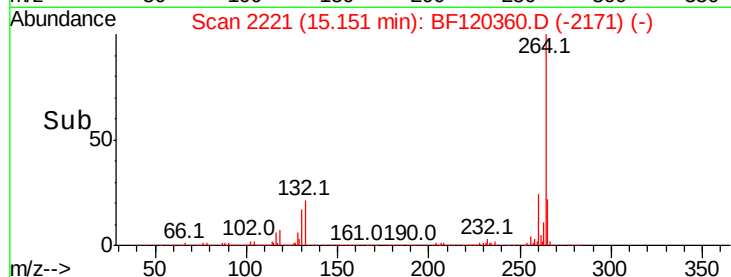
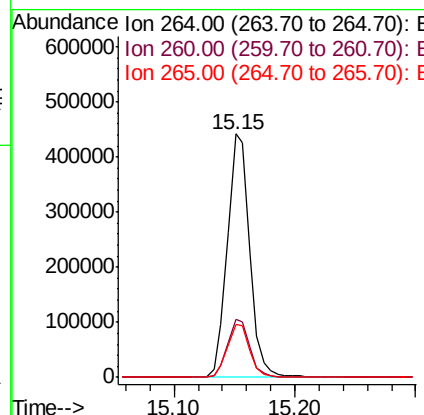
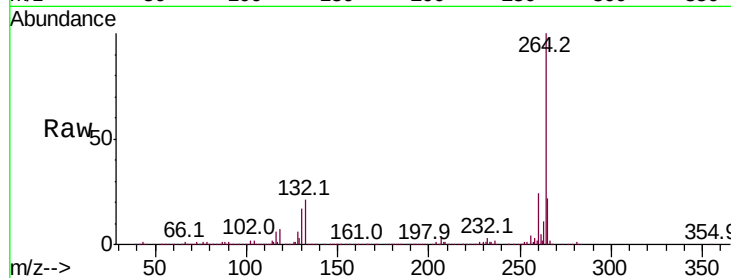




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

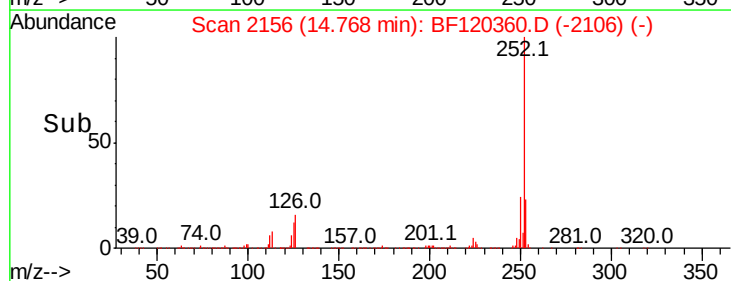
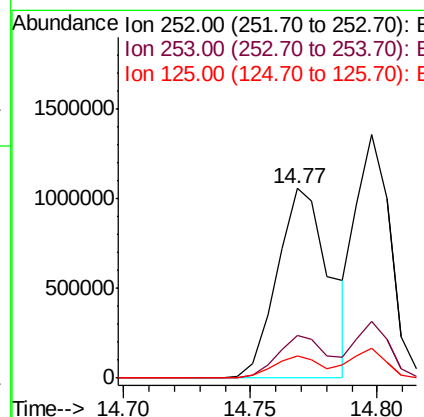
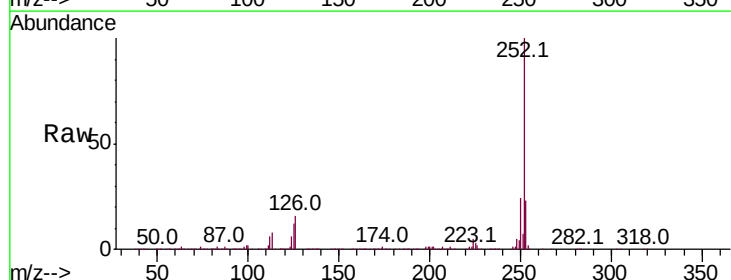
Instrument :
BNA_F
ClientSampleId :
PB128986BS

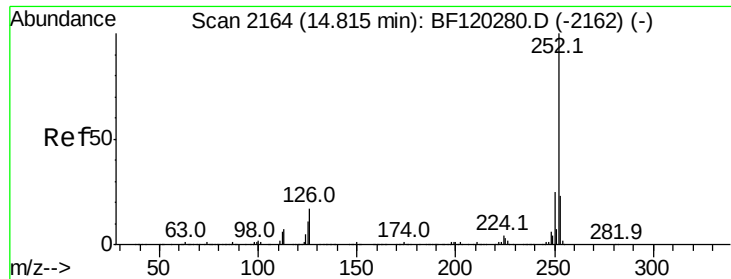
Tot Ion:264 Resp: 565184
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 49.317 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:252 Resp: 1522208
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.9 10.4 15.6

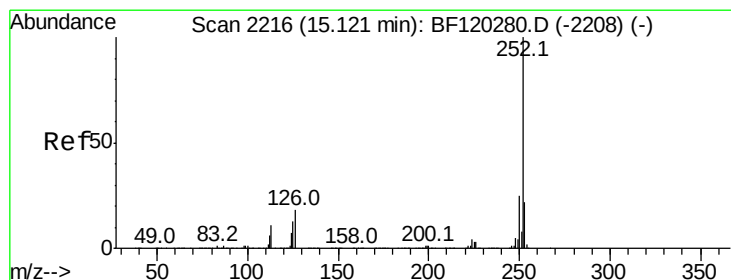
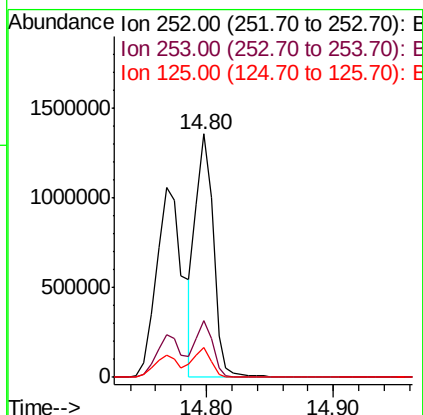
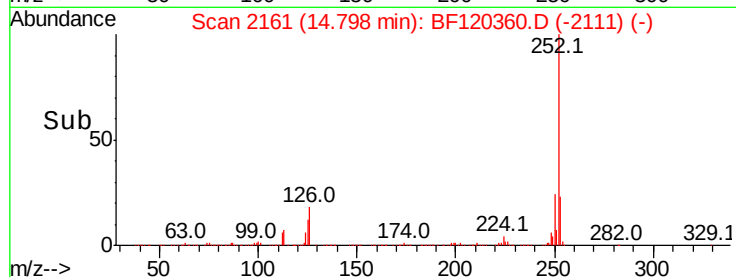
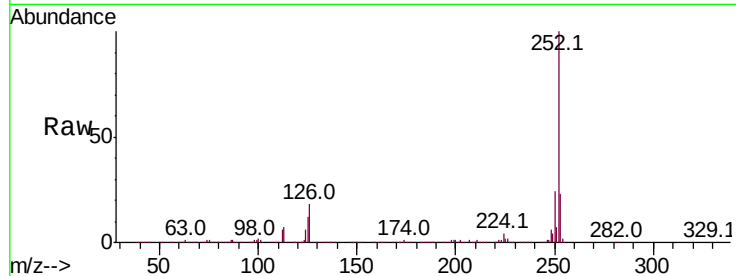




#89
Benzo(k)fluoranthene
Concen: 48.270 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

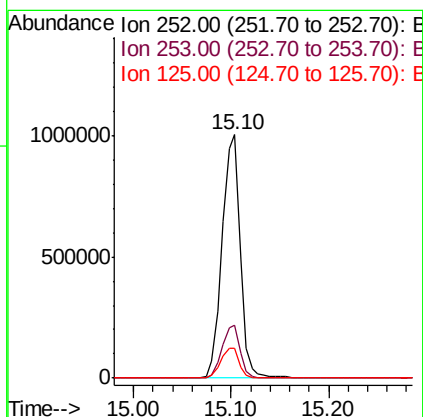
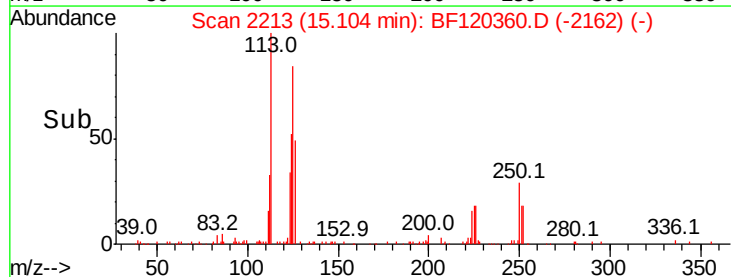
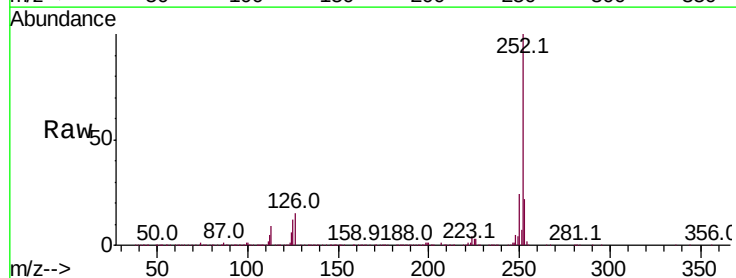
Instrument :
BNA_F
ClientSampleId :
PB128986BS

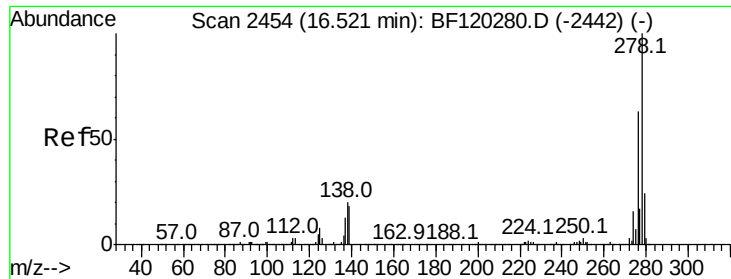
Tot Ion:252 Resp: 1290821
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 12.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 46.785 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF120360.D
Acq: 19 May 2020 13:34

Tgt Ion:252 Resp: 1295073
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.0 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 45.222 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB128986BS

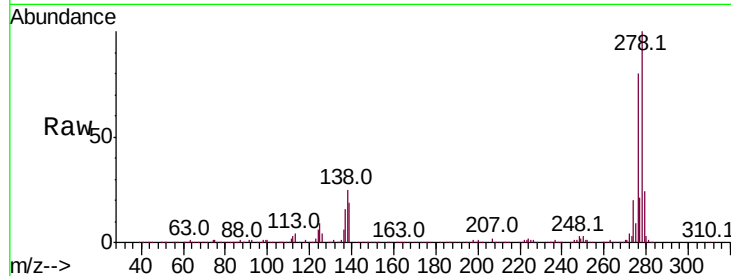
Tot Ion:278 Resp: 1108975

Ion Ratio Lower Upper

278 100

139 18.6 14.7 22.1

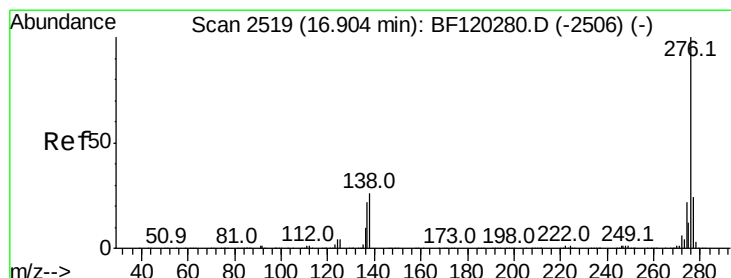
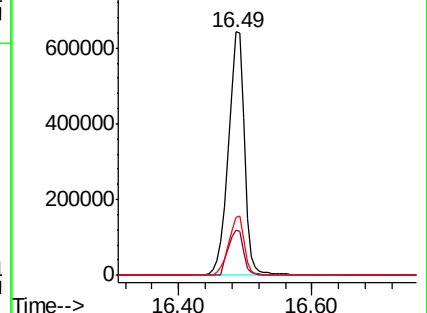
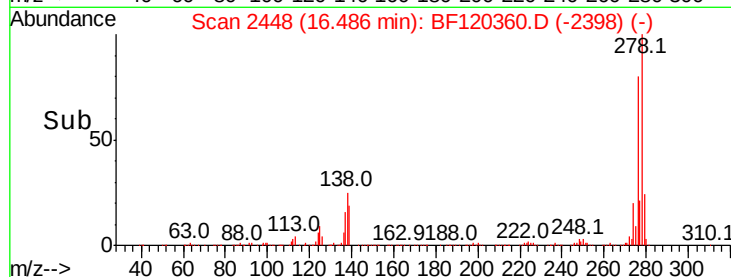
279 23.9 19.2 28.8



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: 46.006 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF120360.D

Acq: 19 May 2020 13:34

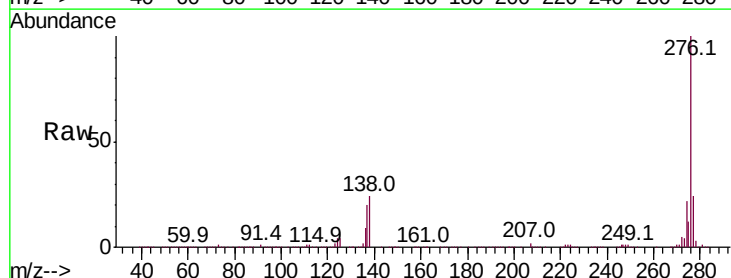
Tgt Ion:276 Resp: 1137682

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 23.7 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

