

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121115.D
 Acq On : 29 Jul 2020 22:02
 Operator : JU/CG
 Sample : L3436-20MS 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Quant Time: Jul 30 00:57:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160550	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604134	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298961	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	513489	20.00	ng	0.00
76) Chrysene-d12	13.97	240	390873	20.00	ng	0.00
86) Perylene-d12	15.42	264	356109	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	162309	16.57	ng	0.00
7) Phenol-d6	6.44	99	197562	15.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	113733	10.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	49464	15.12	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	244998	12.24	ng	0.00
79) Terphenyl-d14	12.91	244	214360	11.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	25486	5.654	ng	91
3) Pyridine	3.26	79	49284	4.110	ng	95
4) n-Nitrosodimethylamine	3.16	42	27297	5.324	ng	96
6) Aniline	6.46	93	74032	4.483	ng	# 84
8) 2-Chlorophenol	6.59	128	63868	5.920	ng	97
9) Benzaldehyde	6.35	77	45611	4.534	ng	99
10) Phenol	6.46	94	84956	6.105	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	60957	5.716	ng	99
12) 1,3-Dichlorobenzene	6.75	146	68830	5.883	ng	98
13) 1,4-Dichlorobenzene	6.82	146	70683	6.076	ng	99
14) 1,2-Dichlorobenzene	6.97	146	66851	6.075	ng	99
15) Benzyl Alcohol	6.95	79	49088	5.487	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	84407	5.491	ng	96
17) 2-Methylphenol	7.06	107	52236	5.463	ng	98
18) Hexachloroethane	7.32	117	13895	3.300	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	43676	6.072	ng	95
20) 3+4-Methylphenols	7.22	107	67728	5.568	ng	# 72
22) Acetophenone	7.21	105	92219	6.802	ng	# 89
24) Nitrobenzene	7.38	77	63229	5.619	ng	94
25) Isophorone	7.62	82	118921	5.707	ng	96
26) 2-Nitrophenol	7.70	139	21876	4.093	ng	98
27) 2,4-Dimethylphenol	7.75	122	56211	6.478	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	75889	5.966	ng	99
29) 2,4-Dichlorophenol	7.96	162	50945	5.746	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	58008	5.897	ng	99
31) Naphthalene	8.11	128	227431	7.339	ng	98
32) Benzoic acid	7.75	122	56211	8.630	ng	# 15
33) 4-Chloroaniline	8.16	127	60103	4.348	ng	96
34) Hexachlorobutadiene	8.23	225	33602	5.794	ng	99
35) Caprolactam	8.49	113	15357	5.401	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	53995	5.938	ng	97
37) 2-Methylnaphthalene	8.80	142	142966	7.105	ng	98
38) 1-Methylnaphthalene	8.90	142	132338	6.944	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	57503	6.602	ng	98

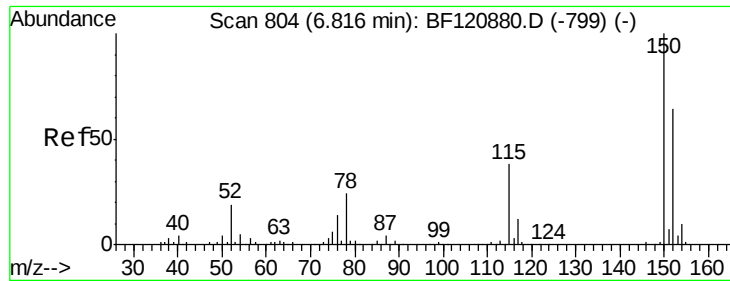
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	33638	5.485	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	36126	5.193	nq	99
46) 1,1'-Biphenyl	9.26	154	156106	6.845	nq	99
47) 2-Chloronaphthalene	9.29	162	112648	6.059	nq	98
48) 2-Nitroaniline	9.38	65	33735	6.004	nq	90
49) Acenaphthylene	9.70	152	229411	7.942	nq	98
50) Dimethylphthalate	9.56	163	182228	8.449	nq	99
51) 2,6-Dinitrotoluene	9.62	165	21085	4.550	nq	89
52) Acenaphthene	9.87	154	131928	7.184	nq	100
53) 3-Nitroaniline	9.79	138	31401	5.403	nq	# 95
55) Dibenzofuran	10.05	168	177902	6.699	nq	97
56) 4-Nitrophenol	9.97	139	30916	7.003	nq	94
57) 2,4-Dinitrotoluene	10.03	165	23723	3.899	nq	# 86
58) Fluorene	10.39	166	165725	8.367	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	24899	4.701	nq	# 95
60) Diethylphthalate	10.26	149	128809	5.904	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	61495	5.821	nq	100
62) 4-Nitroaniline	10.40	138	32944	5.819	nq	98
63) Azobenzene	10.54	77	112250	5.405	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	457	3.984	nq	# 1
66) n-Nitrosodiphenylamine	10.50	169	110895	6.865	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	34458	6.019	nq	95
68) Hexachlorobenzene	10.94	284	37863	6.114	nq	# 91
69) Atrazine	11.03	200	28004	7.000	nq	97
70) Pentachlorophenol	11.14	266	19606	5.526	nq	100
71) Phenanthrene	11.35	178	444808	16.843	nq	99
72) Anthracene	11.40	178	270042	10.183	nq	99
73) Carbazole	11.56	167	169236	6.431	nq	100
74) Di-n-butylphthalate	11.89	149	200905	6.615	nq	99
75) Fluoranthene	12.54	202	673680	23.014	nq	98
77) Benzidine	12.66	184	25567	2.488	nq	# 91
78) Pyrene	12.77	202	694039	25.115	nq	99
80) Butylbenzylphthalate	13.39	149	72863	5.915	nq	93
81) Benzo(a)anthracene	13.96	228	391481	16.540	nq	96
82) 3,3'-Dichlorobenzidine	13.92	252	46624	5.221	nq	97
83) Chrysene	13.99	228	363638	14.619	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	109082	7.181	nq	99
85) Di-n-octyl phthalate	14.56	149	169685	5.614	nq	# 93
87) Indeno(1,2,3-cd)pyrene	16.86	276	205717	8.306	nq	98
88) Benzo(b)fluoranthene	15.00	252	365732	16.991	nq	# 96
89) Benzo(k)fluoranthene	15.03	252	205040	10.445	nq	# 94
90) Benzo(a)pyrene	15.36	252	285940	14.560	nq	96
91) Dibenzo(a,h)anthracene	16.87	278	121674	6.014	nq	95
92) Benzo(g,h,i)perylene	17.29	276	179994	9.024	nq	96

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

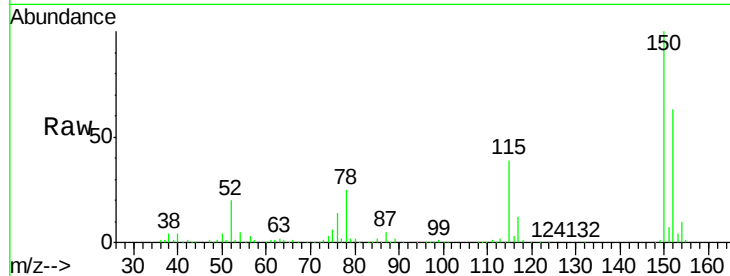


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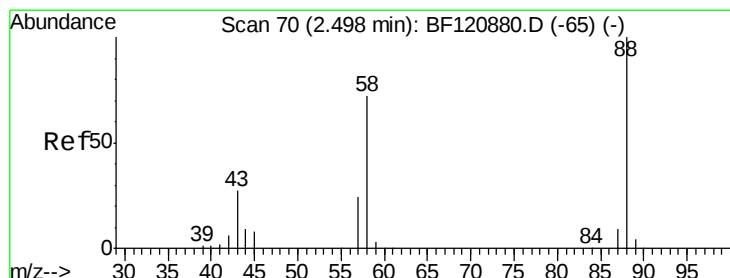
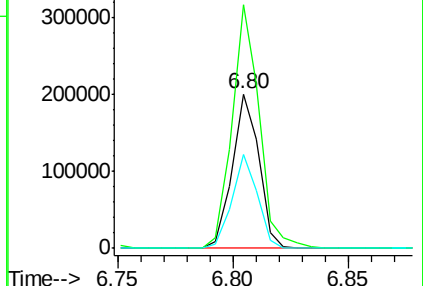
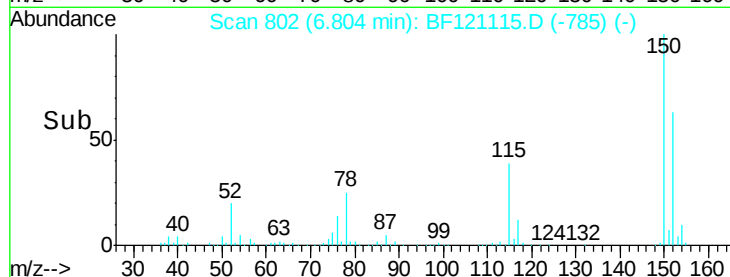
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:152 Resp: 160550
Ion Ratio Lower Upper
152 100
150 157.9 125.6 188.4
115 60.8 46.2 69.2



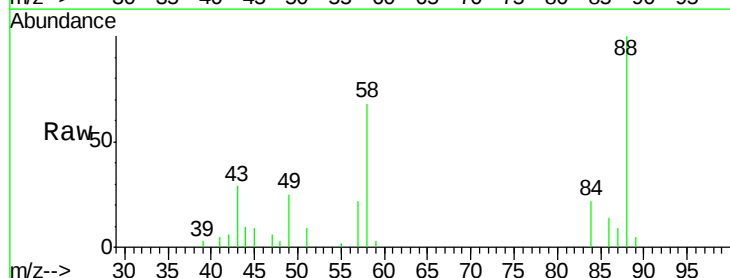
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



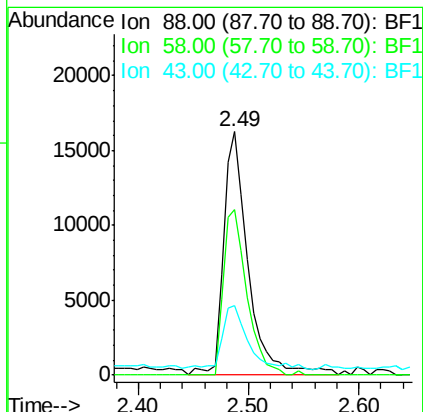
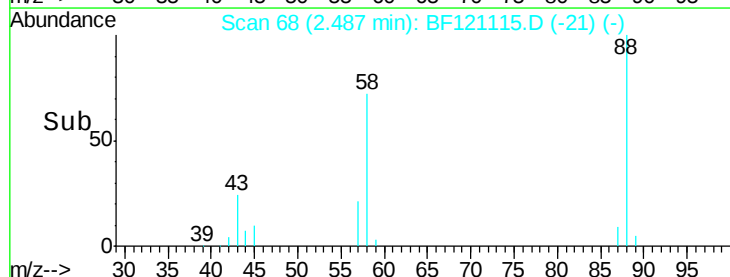
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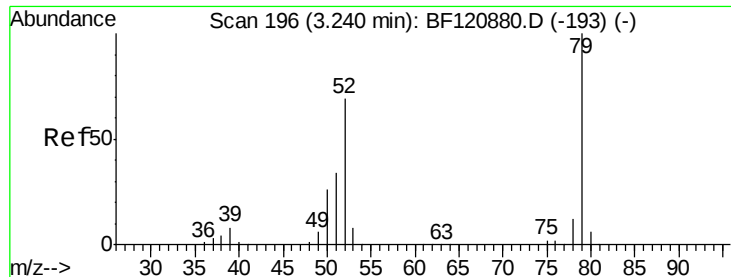
1,4-Dioxane
Concen: 5.654 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion: 88 Resp: 25486
Ion Ratio Lower Upper
88 100
58 64.6 58.2 87.4
43 23.5 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

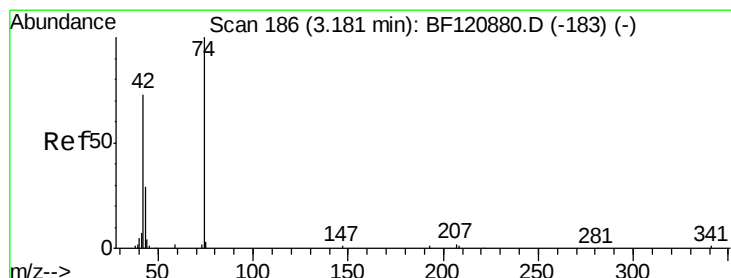
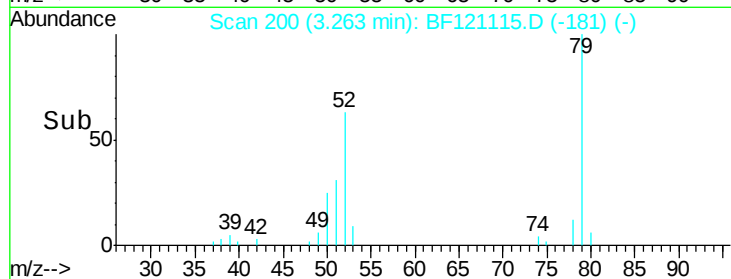
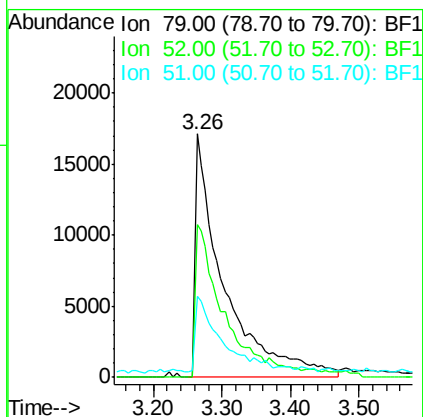
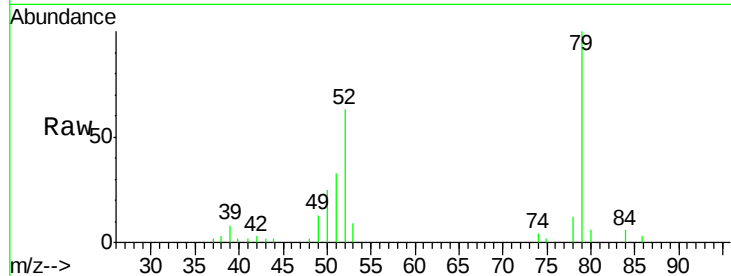




#3
 Pvridine
 Concen: 4.110 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

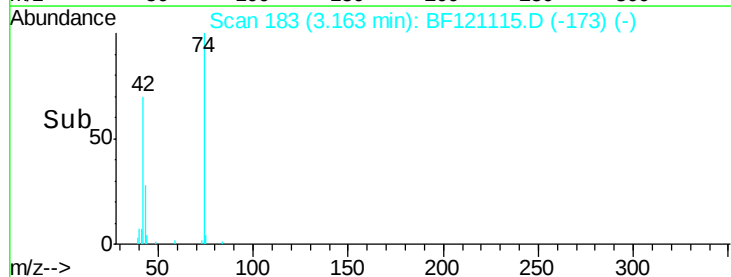
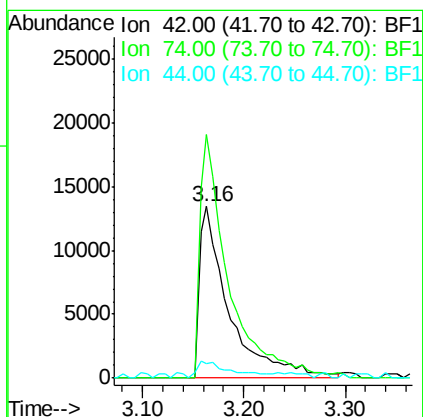
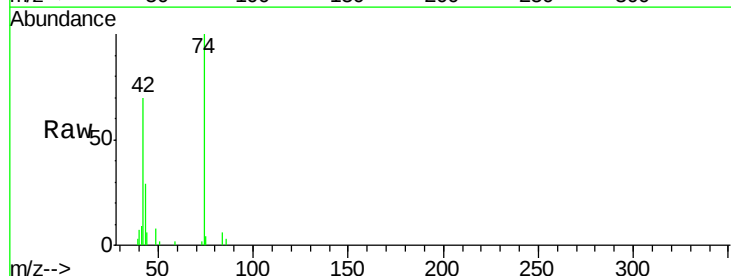
Instrument :
 BNA_F
 ClientSampleId :
 20MS

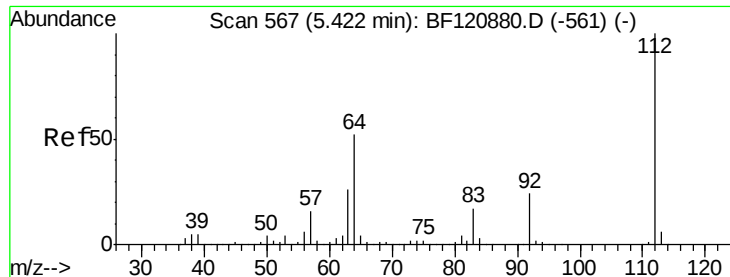
Tot Ion: 79 Resp: 49284
 Ion Ratio Lower Upper
 79 100
 52 62.8 54.9 82.3
 51 33.2 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 5.324 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.04 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion: 42 Resp: 27297
 Ion Ratio Lower Upper
 42 100
 74 142.0 117.3 175.9
 44 8.8 5.9 8.9





#5

2-Fluorophenol

Concen: 16.573 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

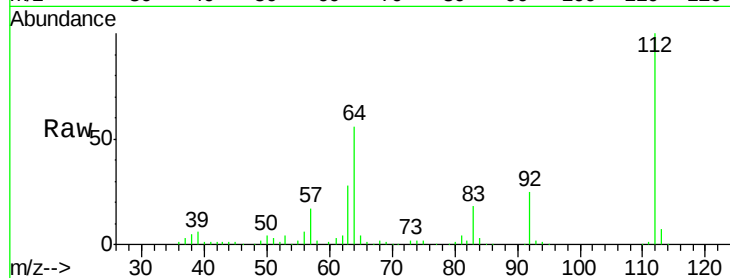
Tot Ion:112 Resp: 162309

Ion Ratio Lower Upper

112 100

64 56.3 43.9 65.9

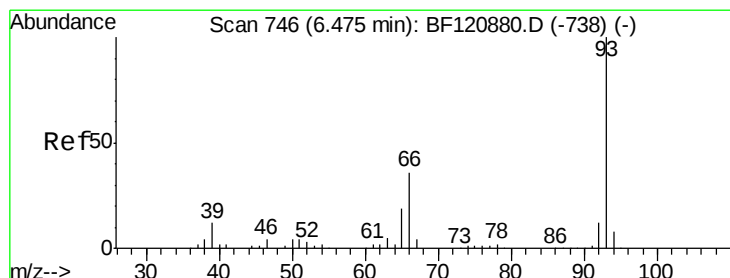
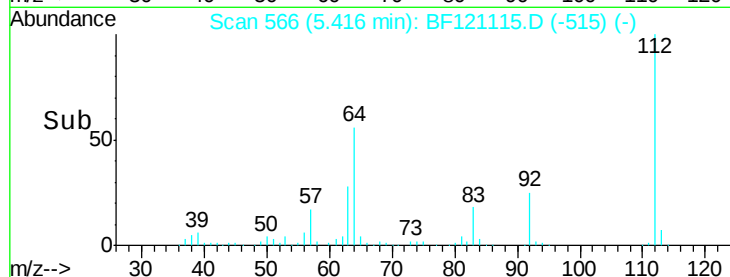
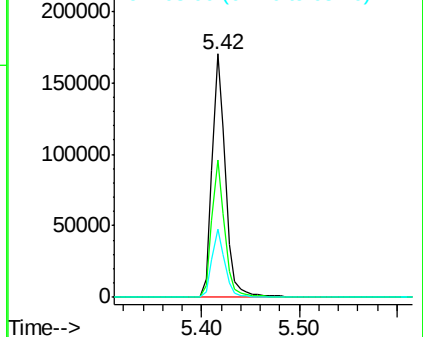
63 28.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.483 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

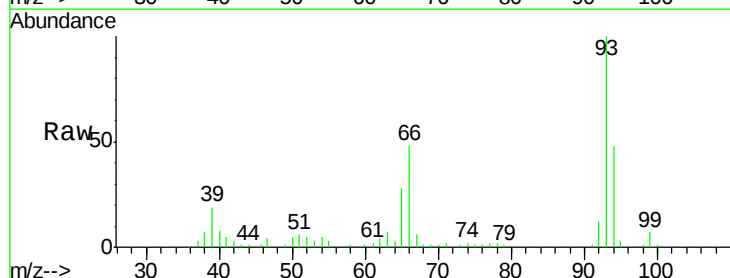
Tgt Ion: 93 Resp: 74032

Ion Ratio Lower Upper

93 100

66 47.9 31.0 46.4#

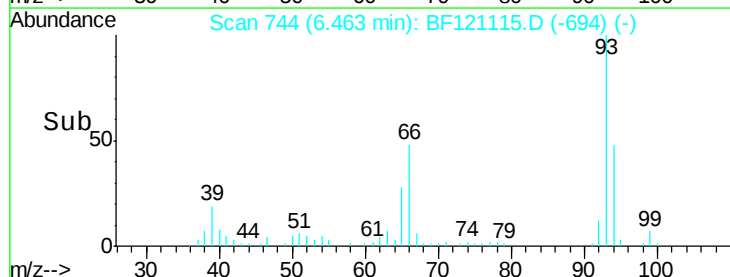
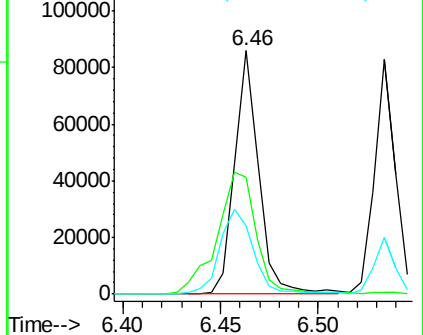
65 28.2 16.2 24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 15.617 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

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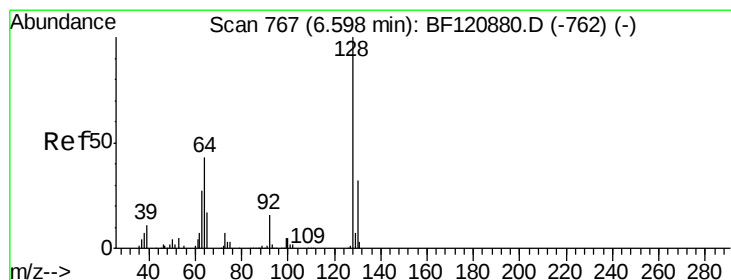
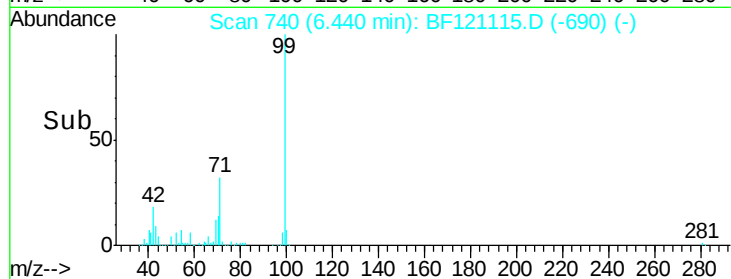
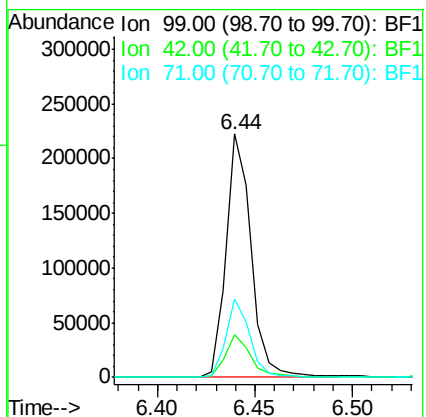
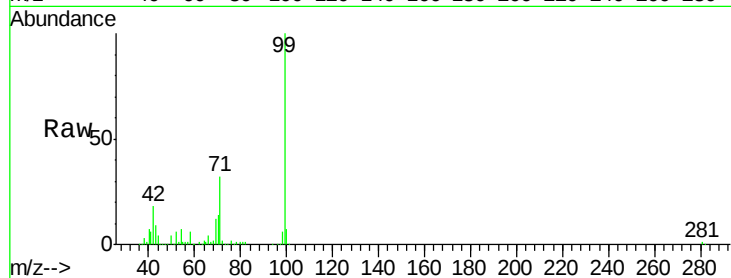
Tot Ion: 99 Resp: 197562

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 32.0 25.0 37.4



#8

2-Chlorophenol

Concen: 5.920 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

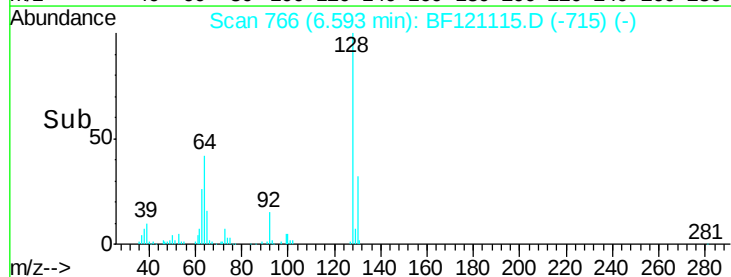
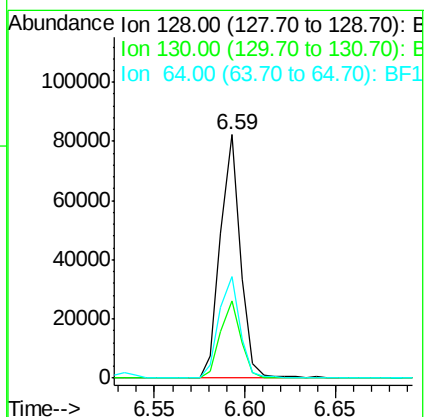
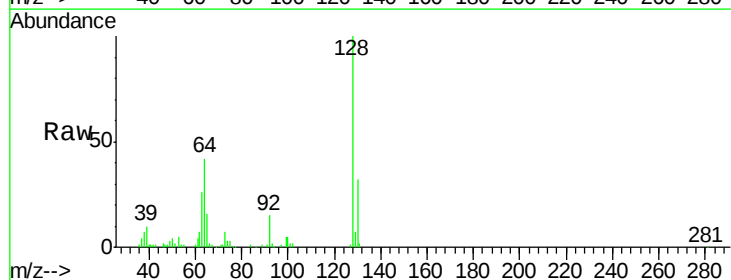
Tgt Ion: 128 Resp: 63868

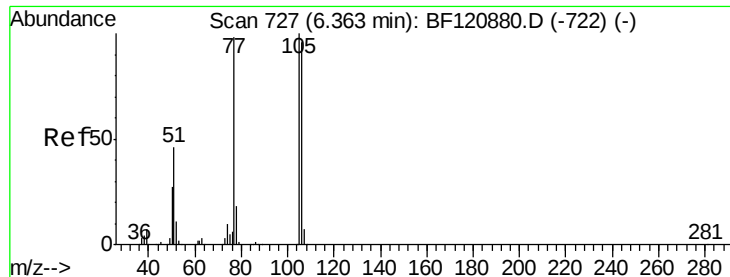
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 41.5 23.8 63.8





#9

Benzaldehyde

Concen: 4.534 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121115.D

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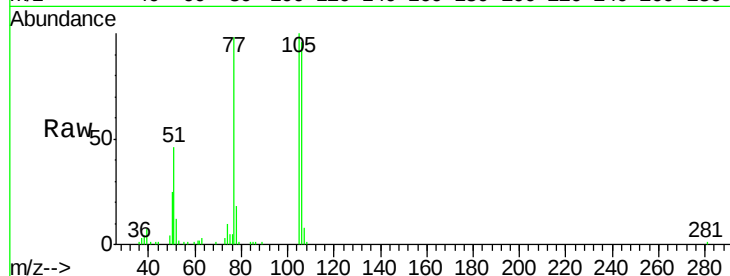
Tot Ion: 77 Resp: 45611

Ion Ratio Lower Upper

77 100

105 101.8 82.4 122.4

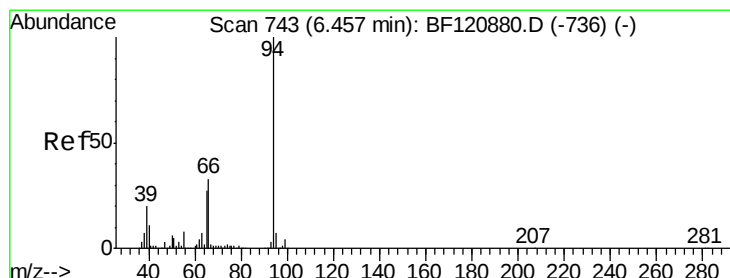
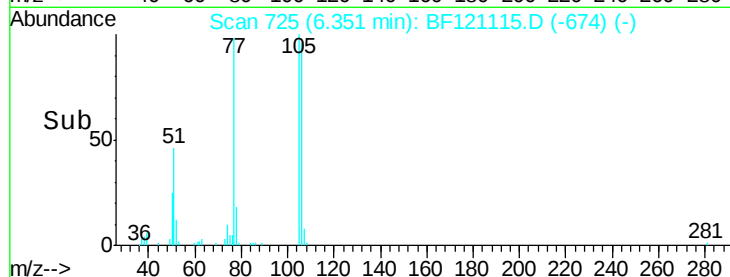
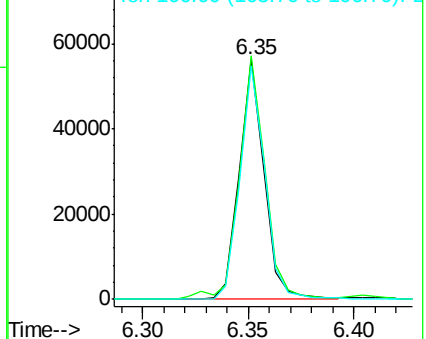
106 97.7 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 6.105 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

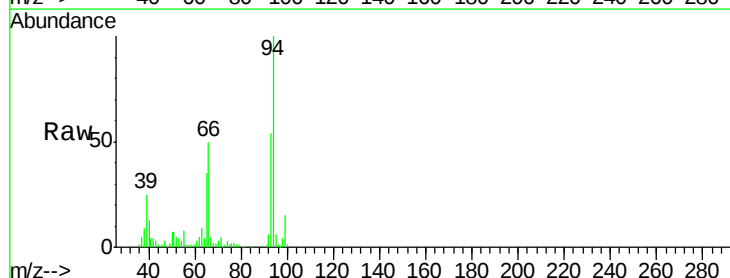
Tgt Ion: 94 Resp: 84956

Ion Ratio Lower Upper

94 100

65 34.8 12.6 52.6

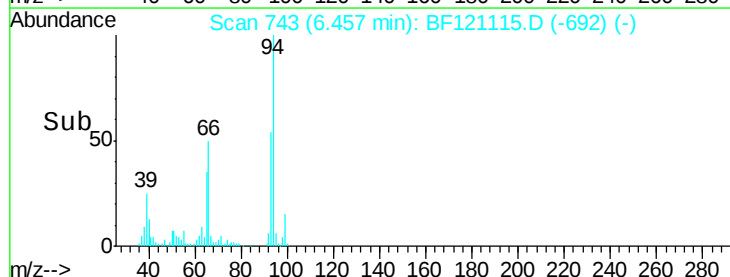
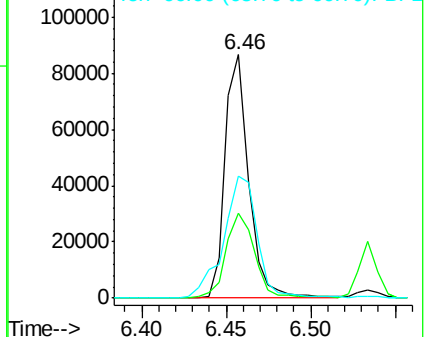
66 50.0 25.6 65.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

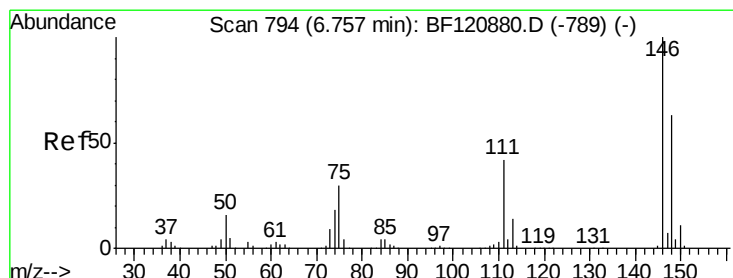
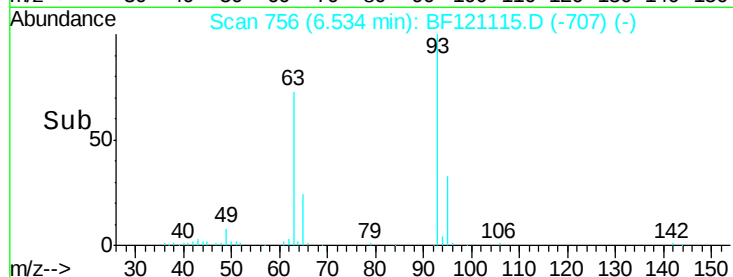
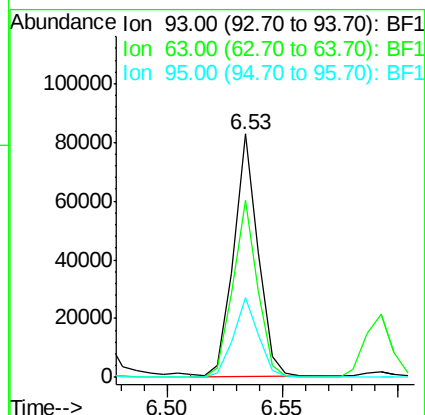
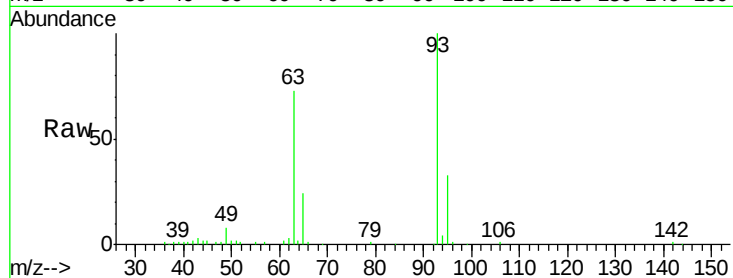




#11
bis(2-Chloroethyl)ether
Concen: 5.716 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

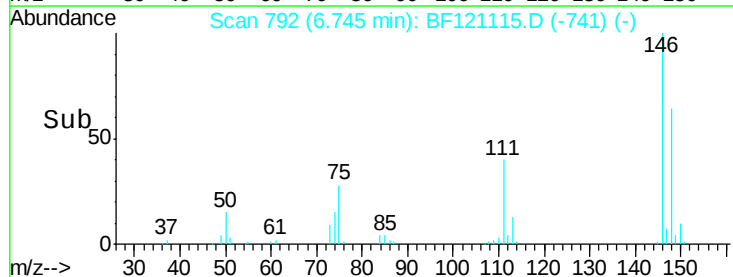
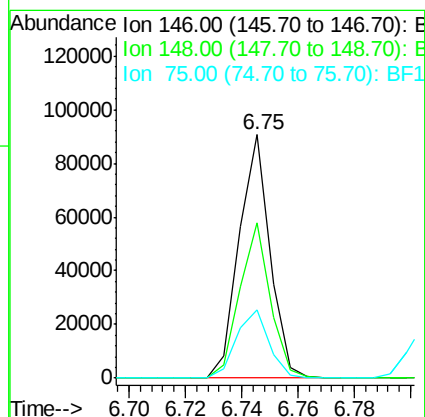
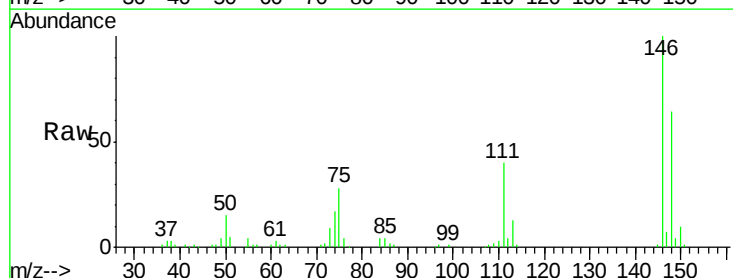
Instrument :
BNA_F
ClientSampleId :
20MS

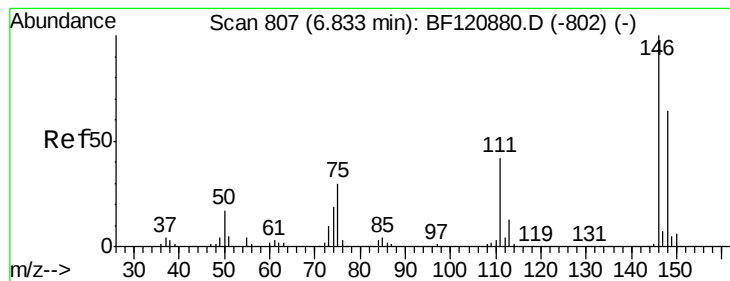
Tot Ion: 93 Resp: 60957
Ion Ratio Lower Upper
93 100
63 72.8 51.9 91.9
95 33.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 5.883 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion: 146 Resp: 68830
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
75 28.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 6.076 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

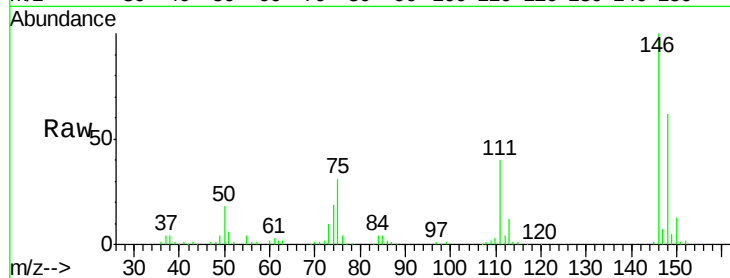
Tot Ion:146 Resp: 70683

Ion Ratio Lower Upper

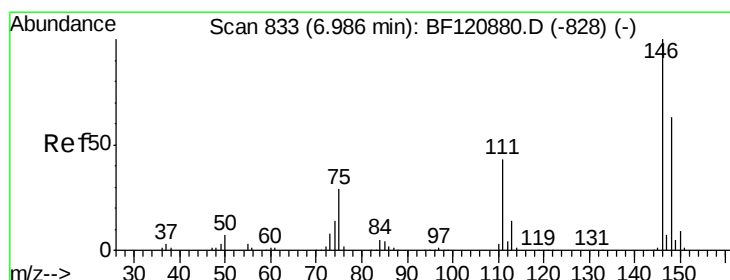
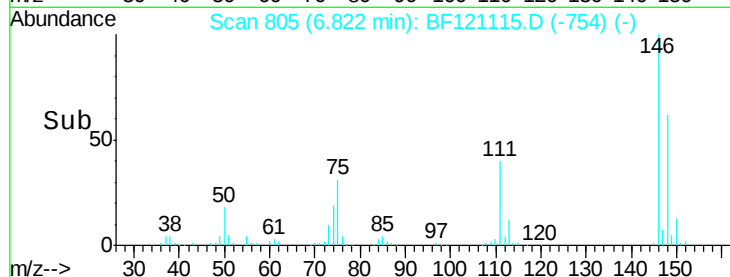
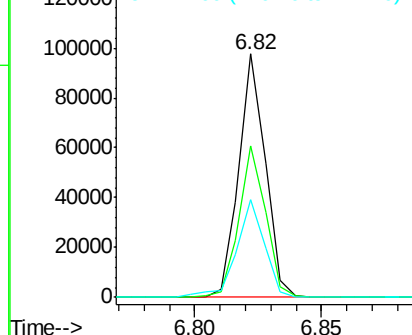
146 100

148 62.4 50.5 75.7

111 40.1 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 6.075 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

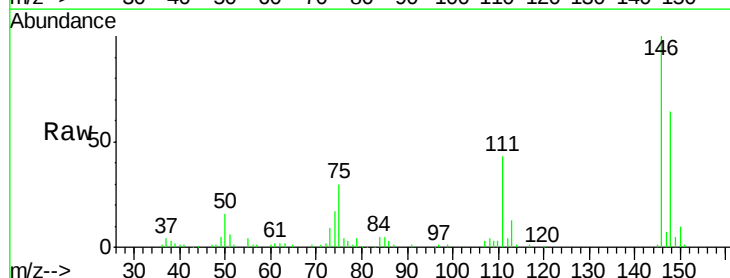
Tgt Ion:146 Resp: 66851

Ion Ratio Lower Upper

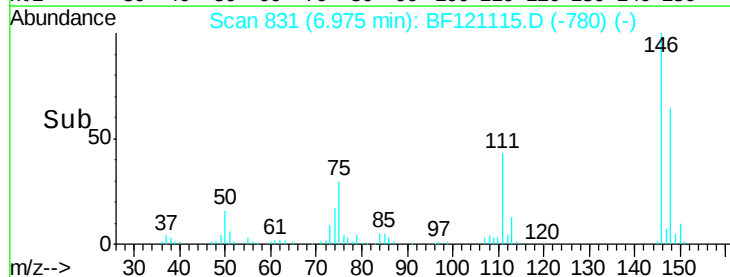
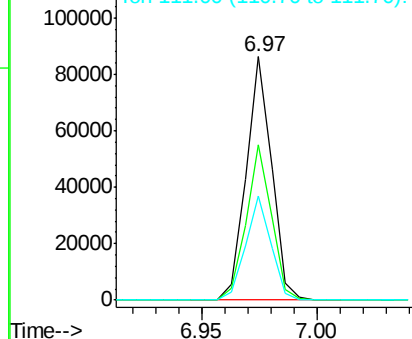
146 100

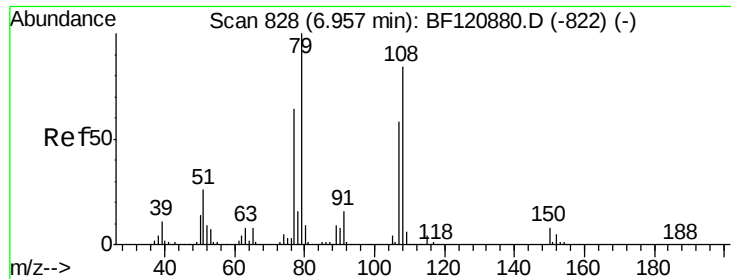
148 63.6 50.8 76.2

111 42.7 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 5.487 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

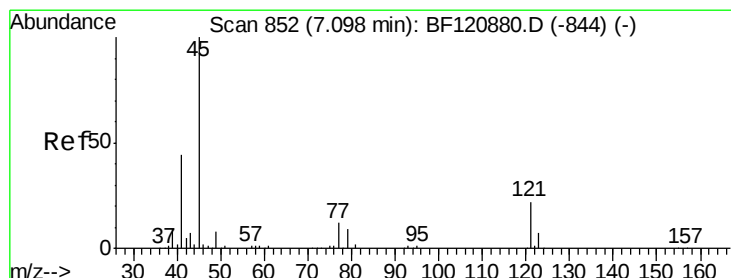
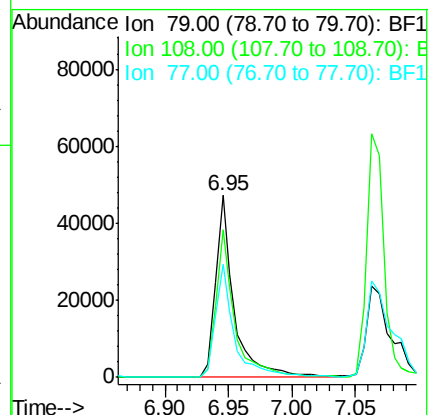
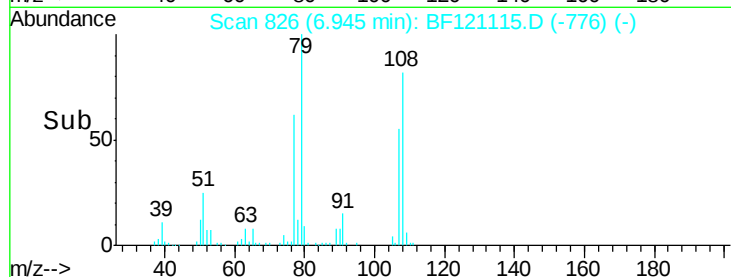
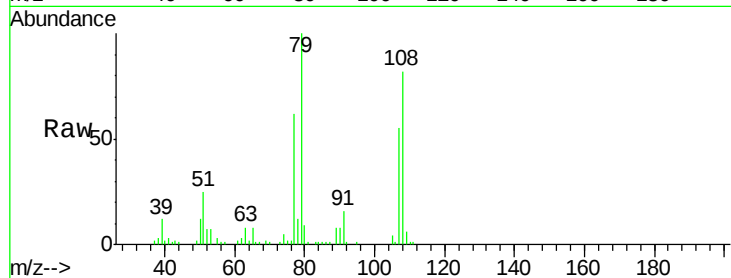
Tot Ion: 79 Resp: 49088

Ion Ratio Lower Upper

79 100

108 81.6 68.6 103.0

77 62.3 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.491 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

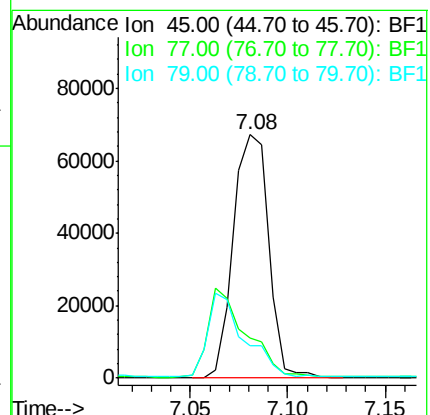
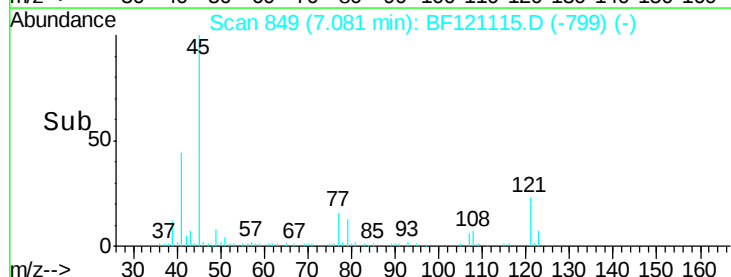
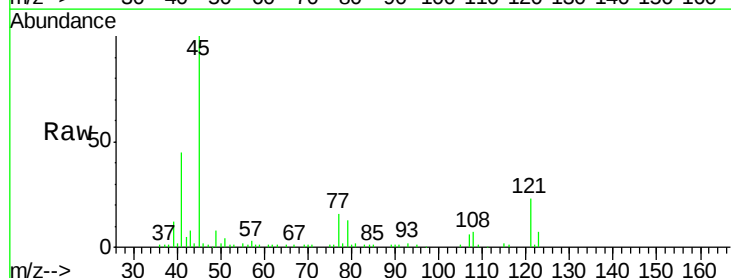
Tgt Ion: 45 Resp: 84407

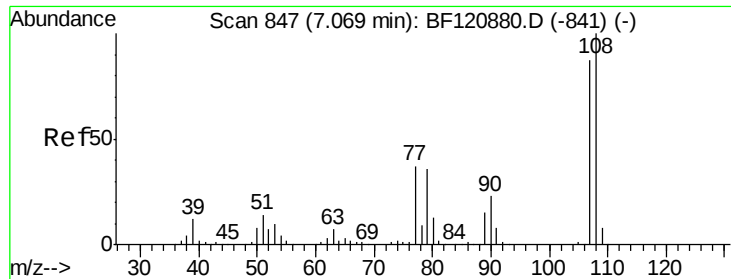
Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.7

79 13.2 0.0 32.0

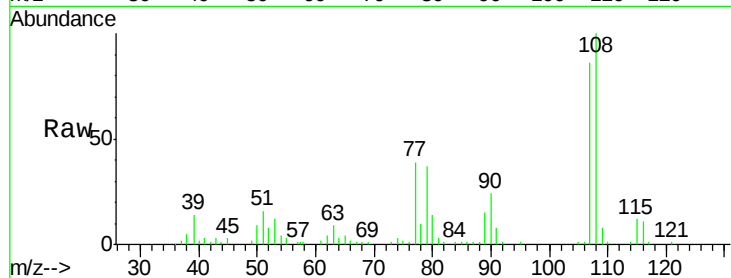




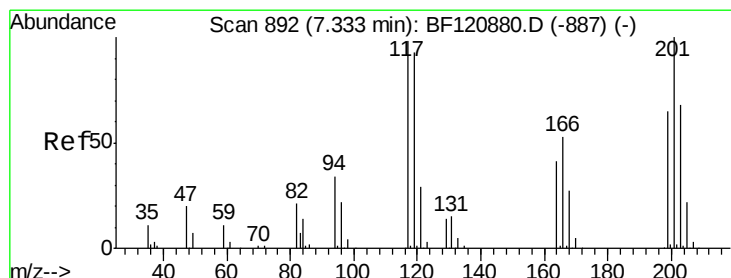
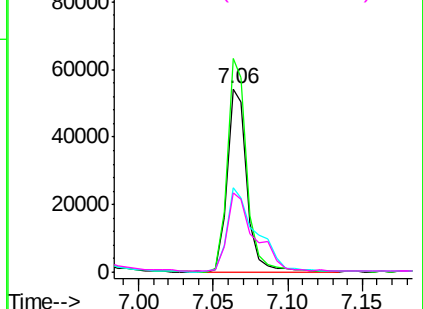
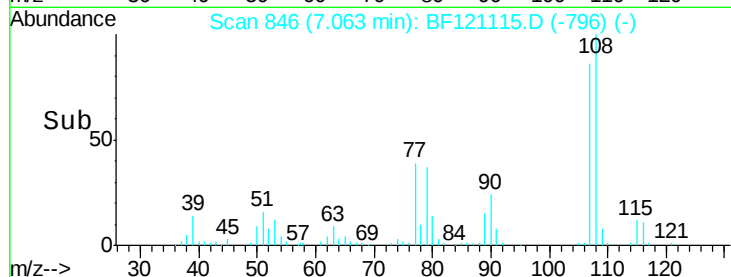
#17
2-Methylphenol
Concen: 5.463 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:	107	Resp:	52236
Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.2	136.8
77	45.9	36.5	54.7
79	43.5	35.0	52.6

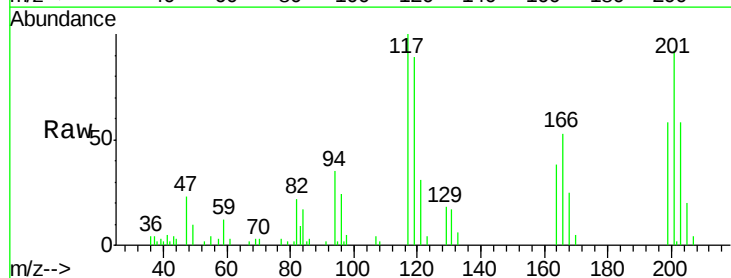


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

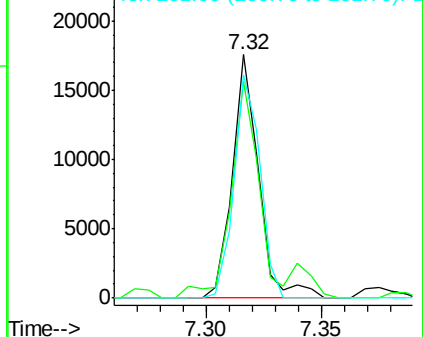
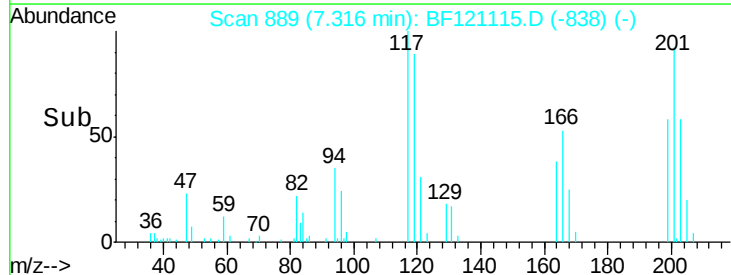


#18
Hexachloroethane
Concen: 3.300 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:	117	Resp:	13895
Ion	Ratio	Lower	Upper
117	100		
119	89.2	76.6	114.8
201	91.7	75.0	112.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

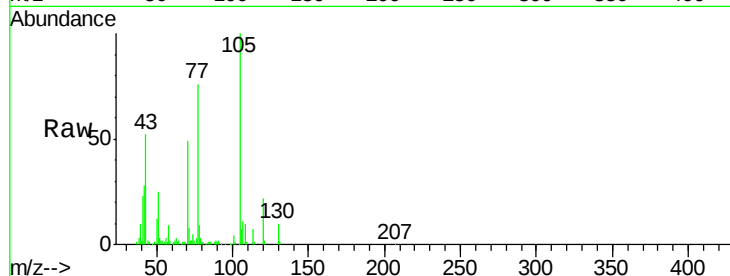




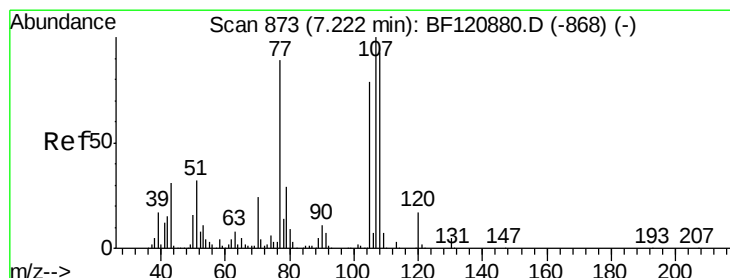
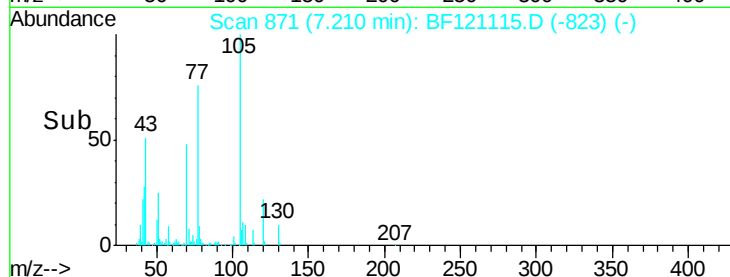
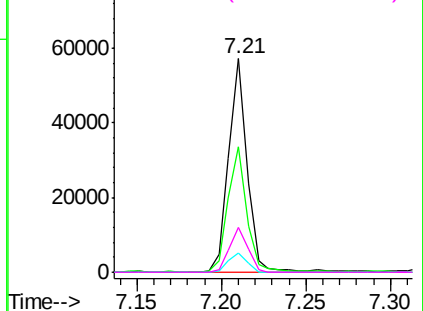
#19
n-Nitroso-di-n-propylamine
Concen: 6.072 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:	70	Resp:	43676
Ion	Ratio	Lower	Upper
70	100		
42	58.5	43.3	64.9
101	9.2	8.4	12.6
130	21.3	18.7	28.1

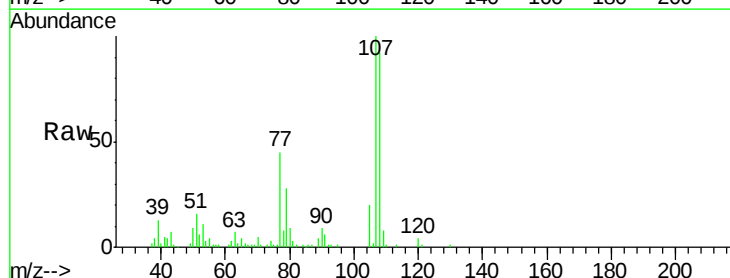


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

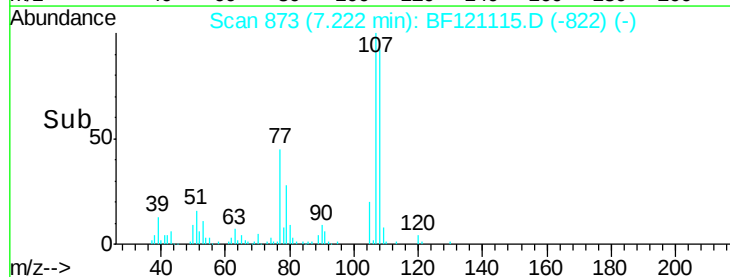
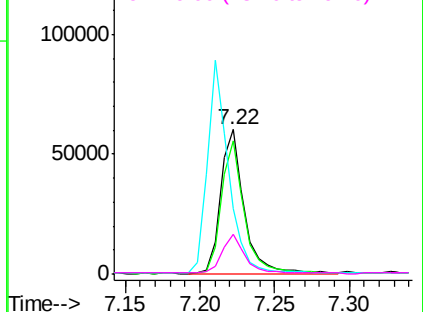


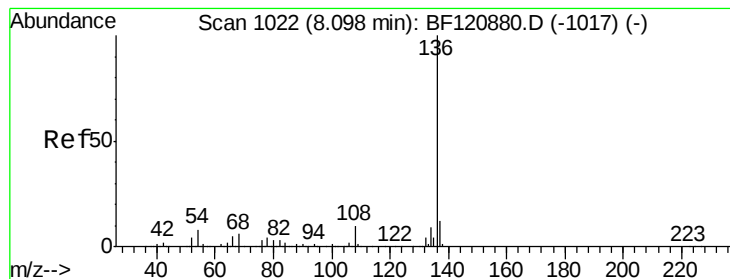
#20
3+4-Methylphenols
Concen: 5.568 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:	107	Resp:	67728
Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.7	113.7
77	45.0	84.9	124.9#
79	27.5	10.7	50.7



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

Tot Ion:136 Resp: 604134

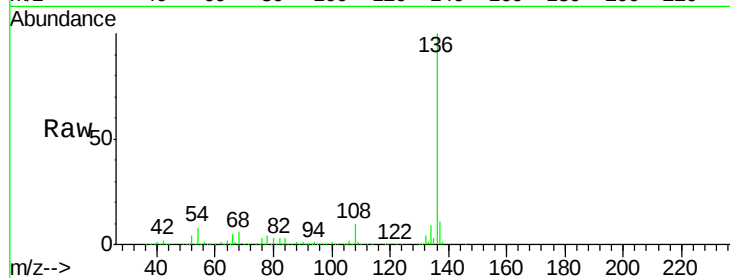
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.8 6.1 9.1

68 6.3 5.0 7.6

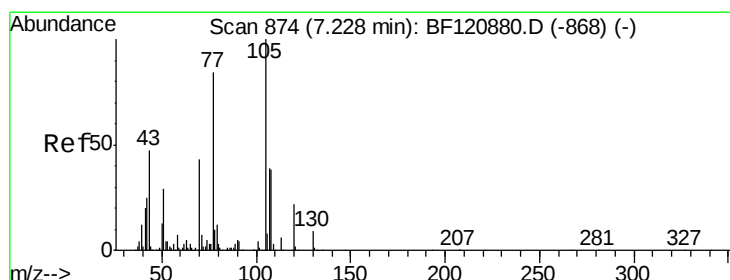
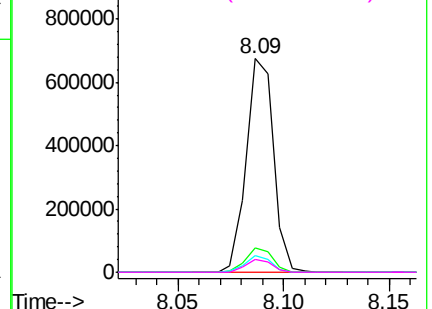
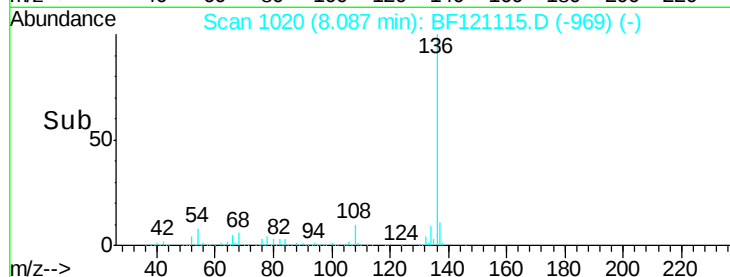


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 6.802 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:105 Resp: 92219

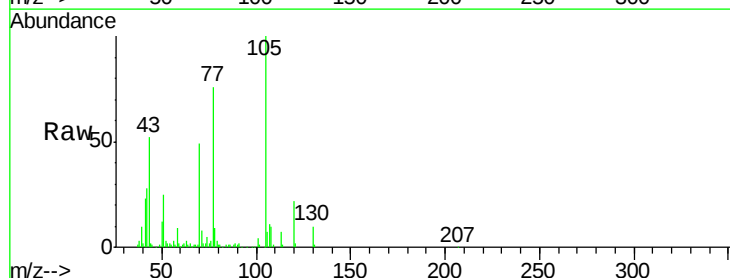
Ion Ratio Lower Upper

105 100

71 8.4 3.8 5.8#

51 25.4 28.0 42.0#

120 21.7 17.8 26.6

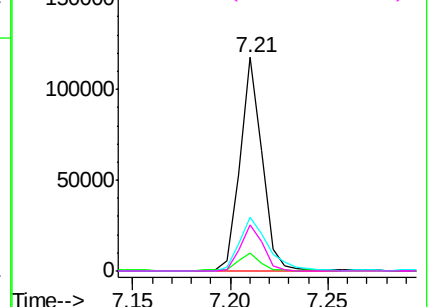
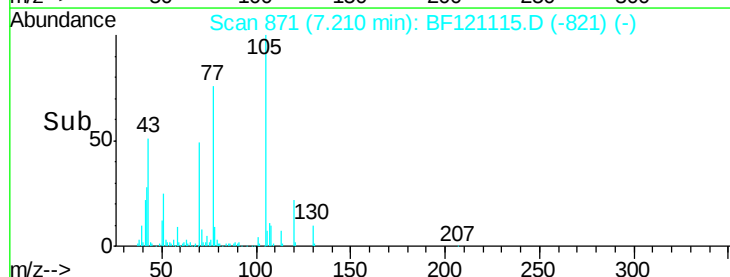


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 10.893 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

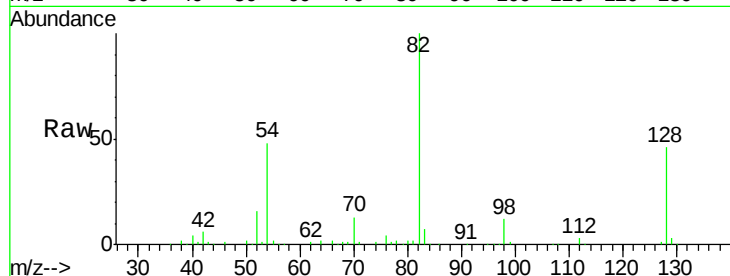
Tot Ion: 82 Resp: 113733

Ion Ratio Lower Upper

82 100

128 45.6 39.2 58.8

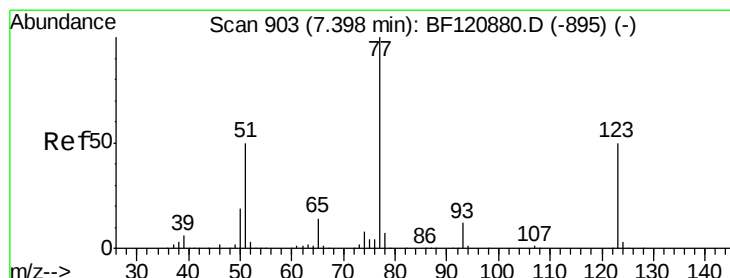
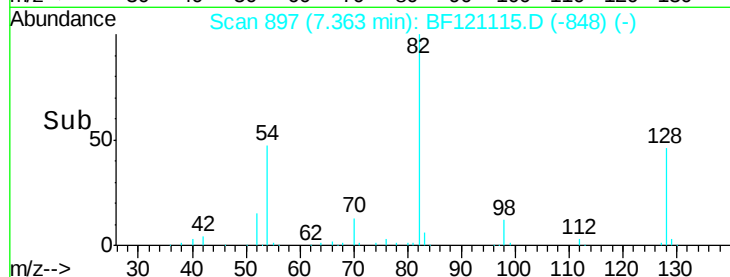
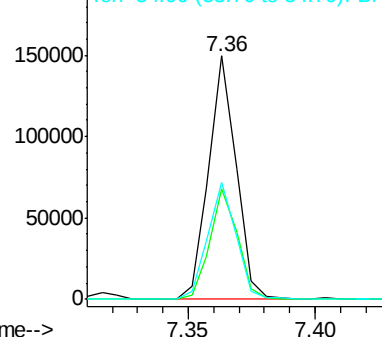
54 47.9 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 5.619 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

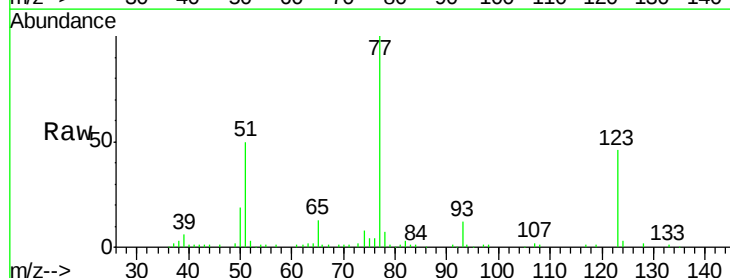
Tgt Ion: 77 Resp: 63229

Ion Ratio Lower Upper

77 100

123 45.7 41.0 61.6

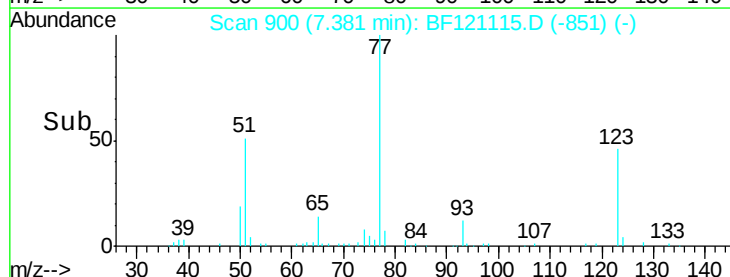
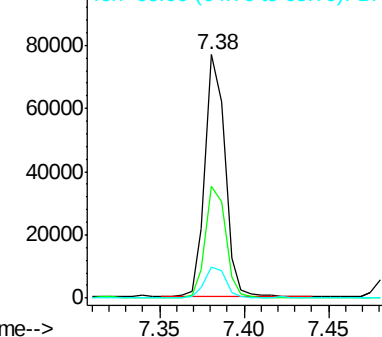
65 12.9 10.3 15.5

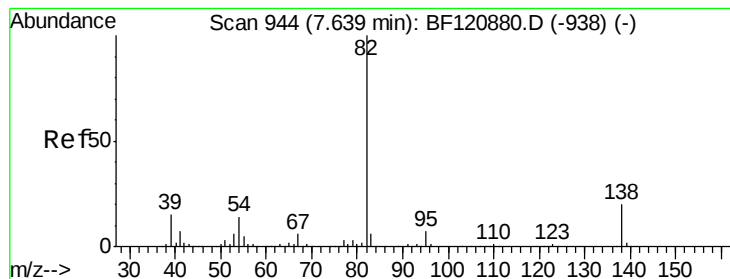


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.707 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

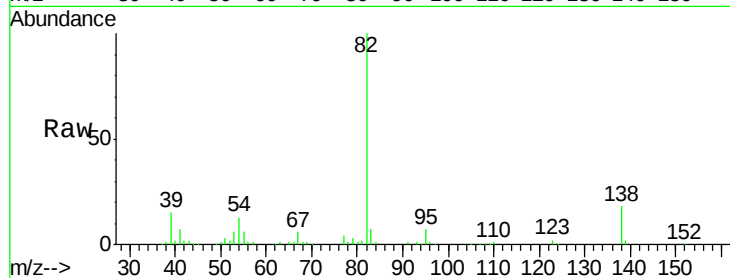
Tot Ion: 82 Resp: 118921

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

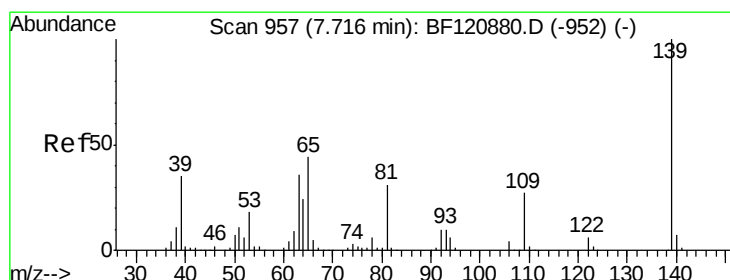
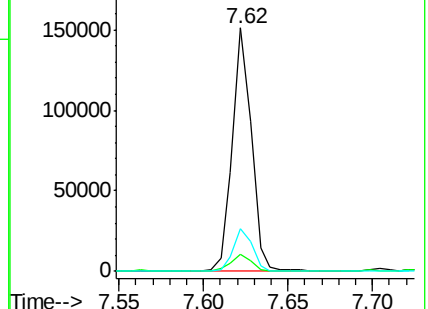
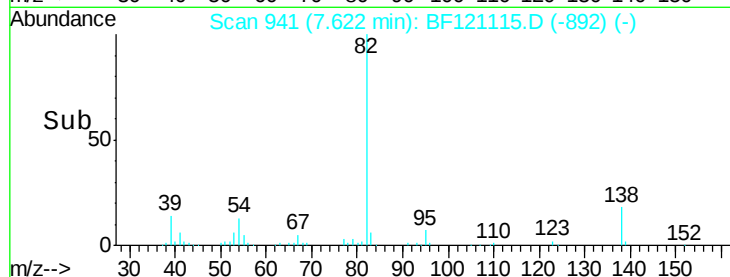
138 17.6 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 4.093 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

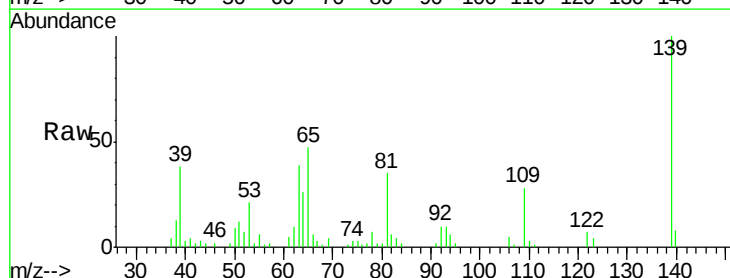
Tgt Ion: 139 Resp: 21876

Ion Ratio Lower Upper

139 100

109 28.3 21.7 32.5

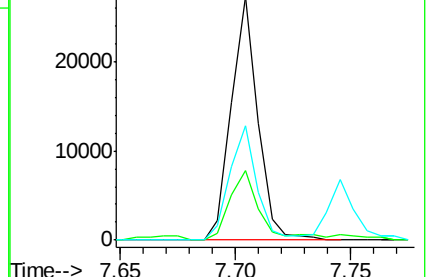
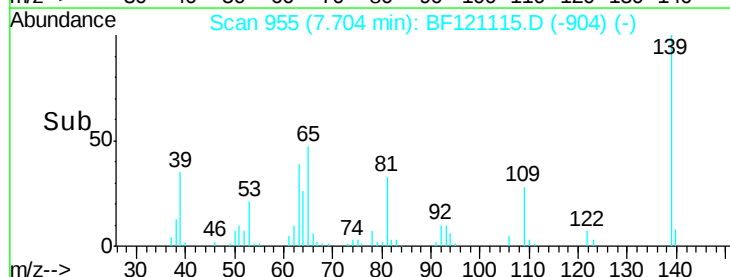
65 47.0 36.3 54.5

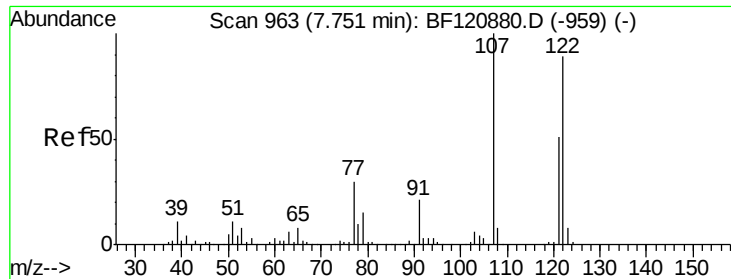


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 6.478 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

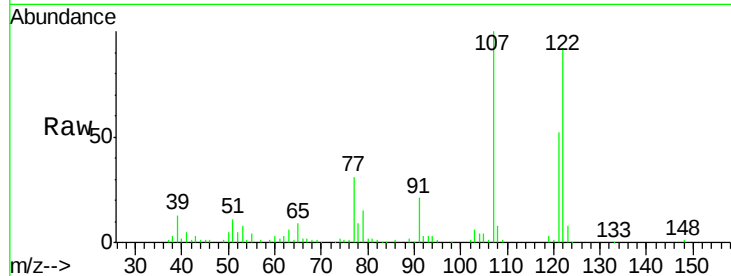
Tot Ion:122 Resp: 56211

Ion Ratio Lower Upper

122 100

107 108.3 87.1 130.7

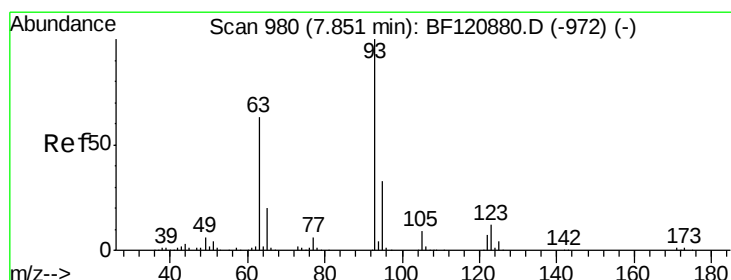
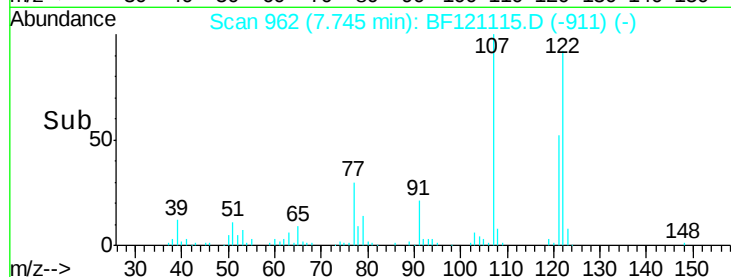
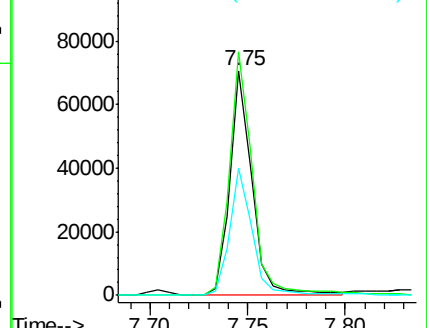
121 56.7 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.966 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

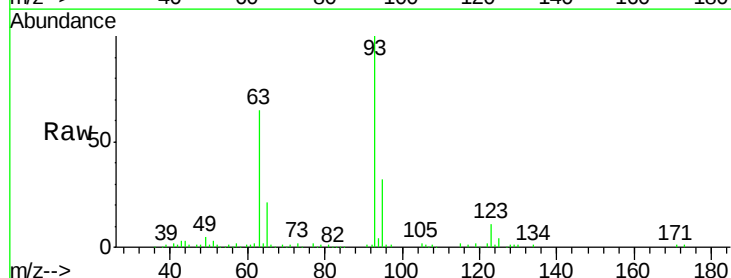
Tgt Ion: 93 Resp: 75889

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

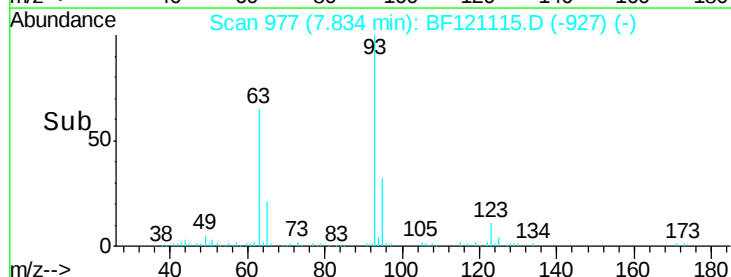
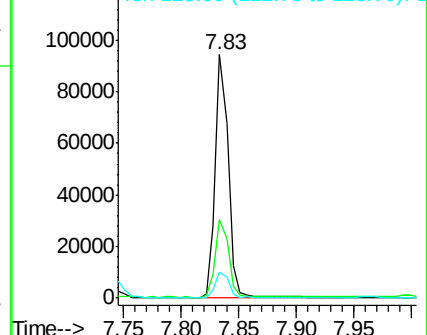
123 10.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

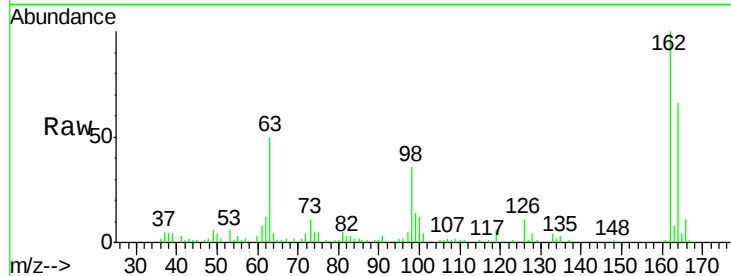




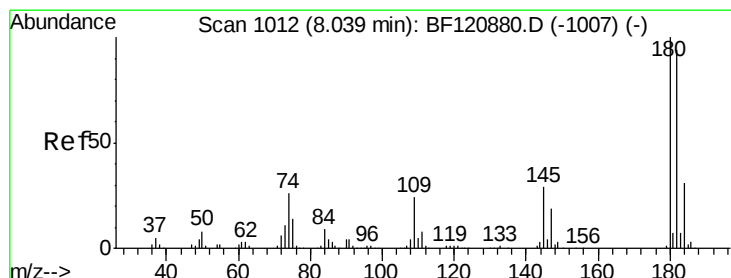
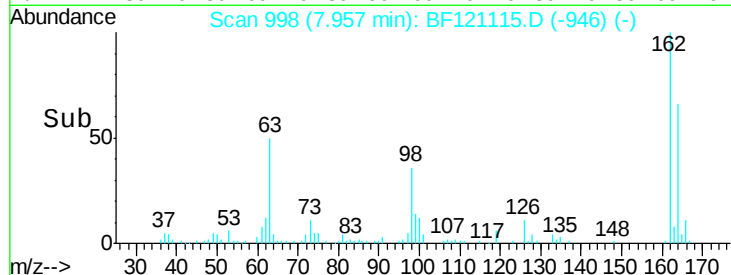
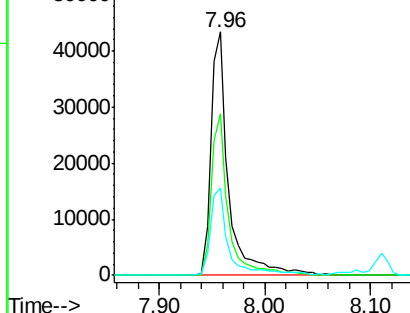
#29
 2,4-Dichlorophenol
 Concen: 5.746 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.7	84.7
98	35.7	14.2	54.2

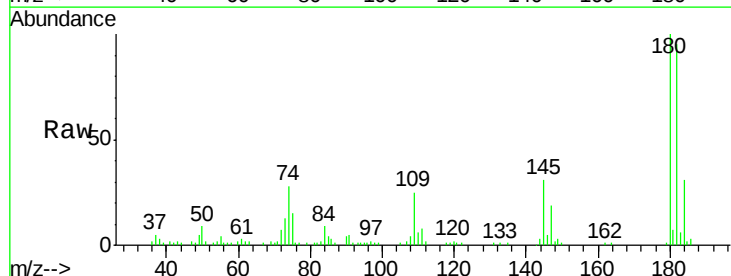


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

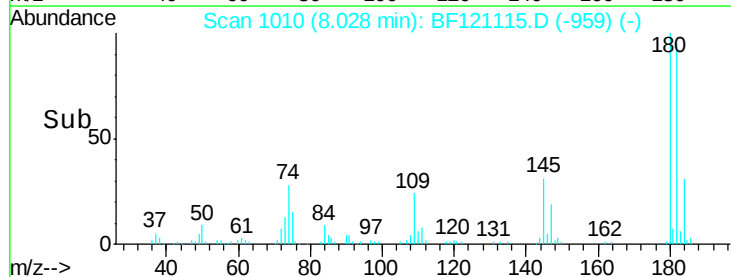
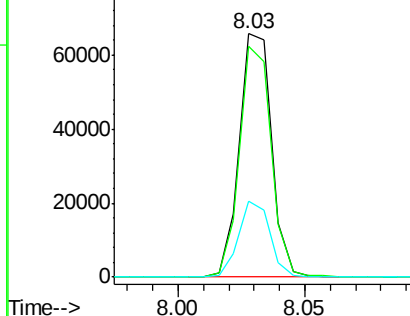


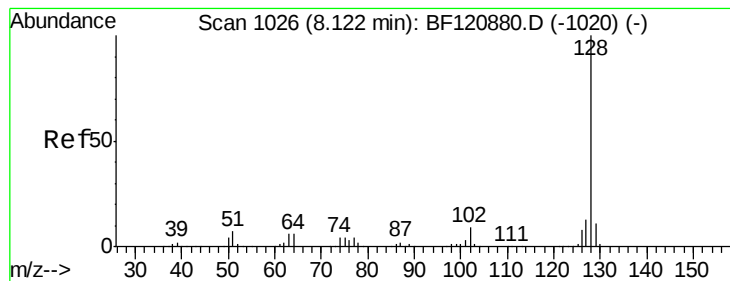
#30
 1,2,4-Trichlorobenzene
 Concen: 5.897 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	31.2	24.2	36.4



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





#31

Naphthalene

Concen: 7.339 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

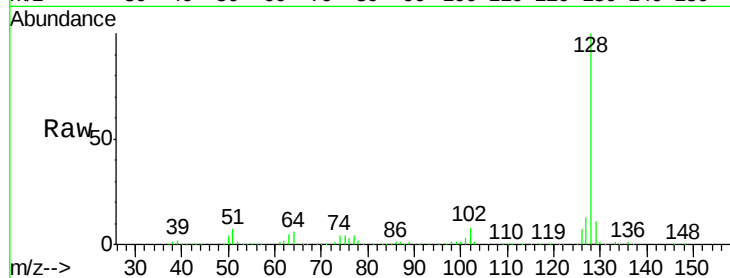
Tot Ion:128 Resp: 227431

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

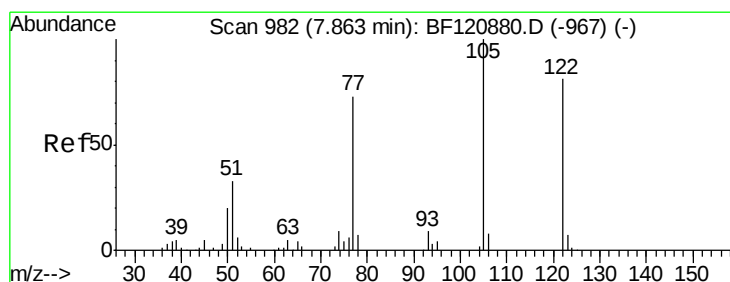
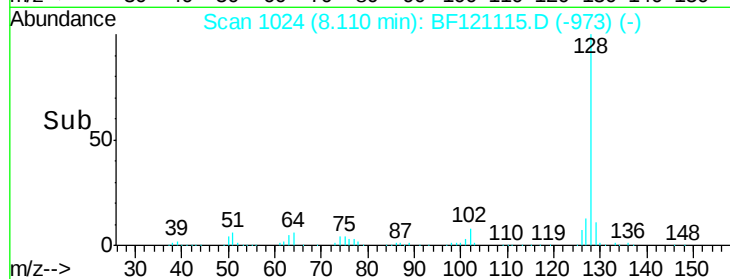
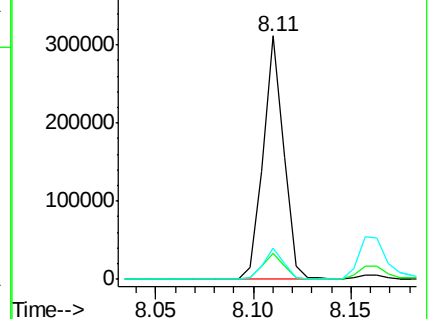
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.630 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.14 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

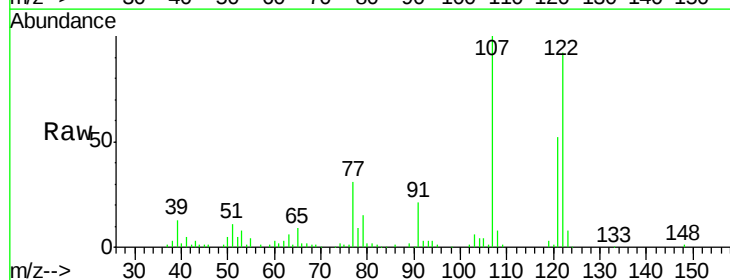
Tgt Ion:122 Resp: 56211

Ion Ratio Lower Upper

122 100

105 4.1 100.9 140.9#

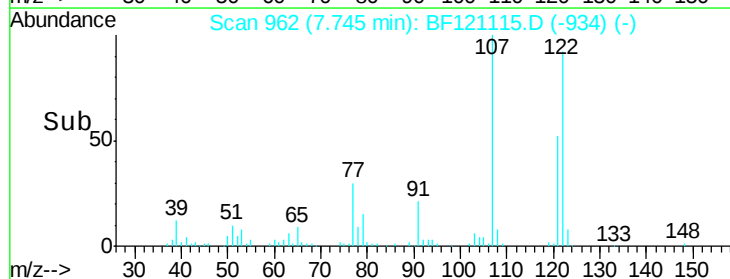
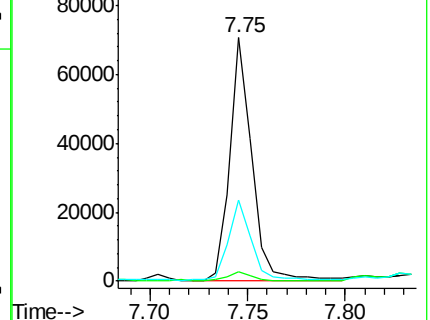
77 33.4 67.8 107.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

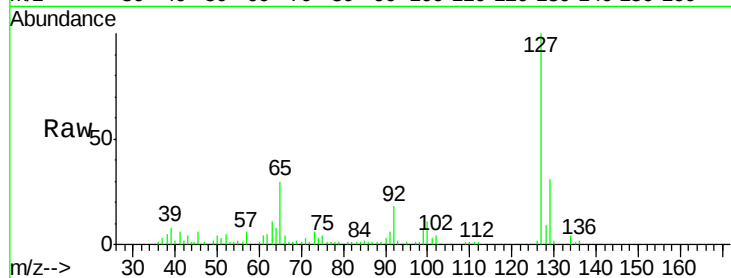




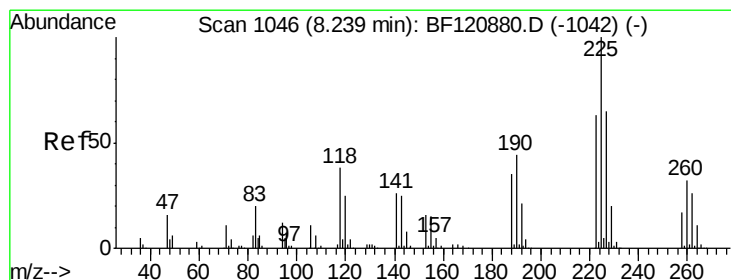
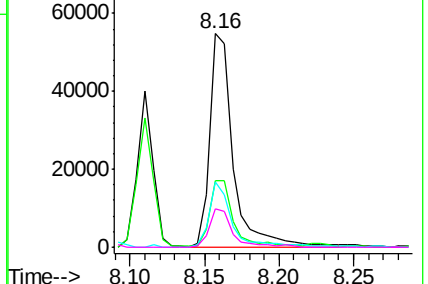
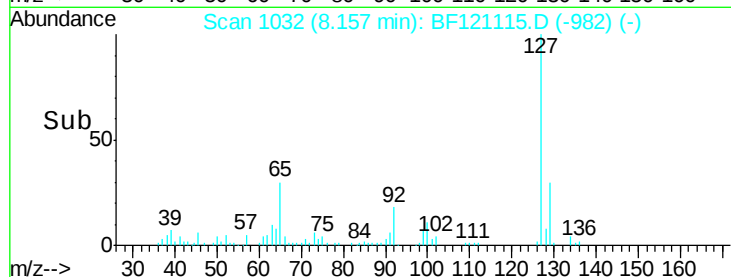
#33
4-Chloroaniline
Concen: 4.348 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:	127	Resp:	60103
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	30.4	21.4	32.0
92	18.0	13.8	20.8

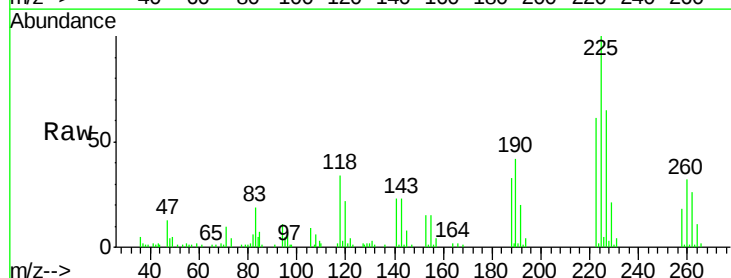


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

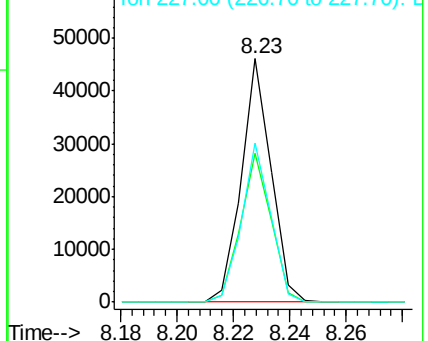
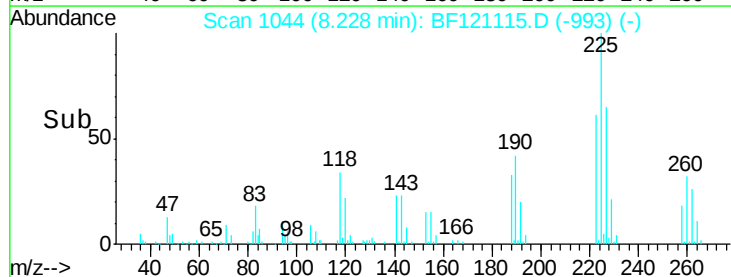


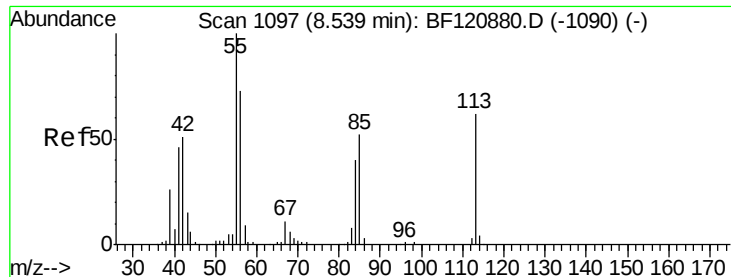
#34
Hexachlorobutadiene
Concen: 5.794 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:	225	Resp:	33602
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	65.4	51.4	77.0



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

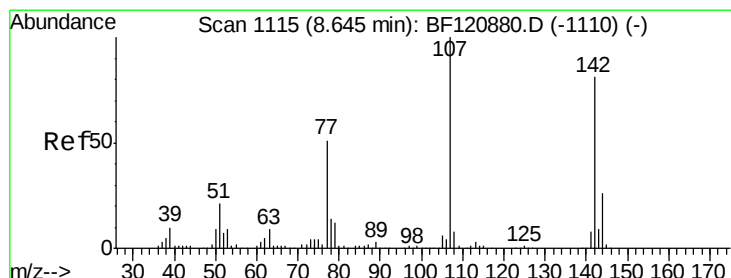
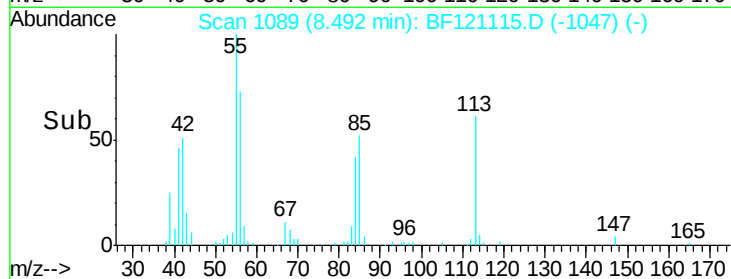
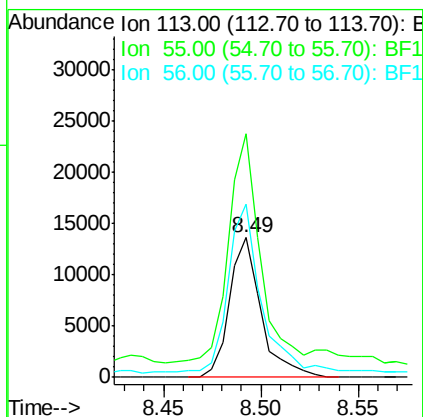
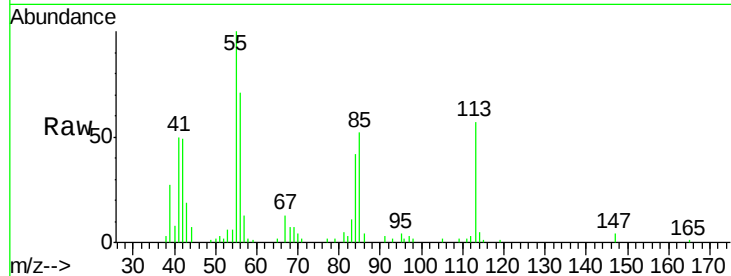




#35
 Caprolactam
 Concen: 5.401 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

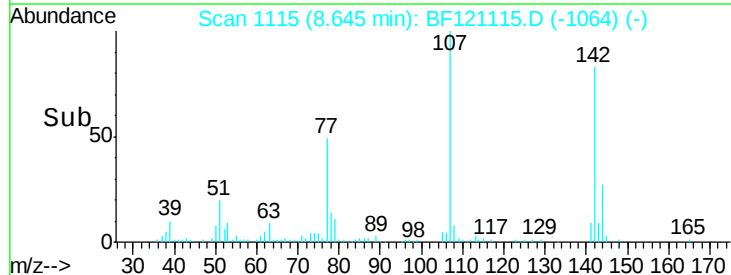
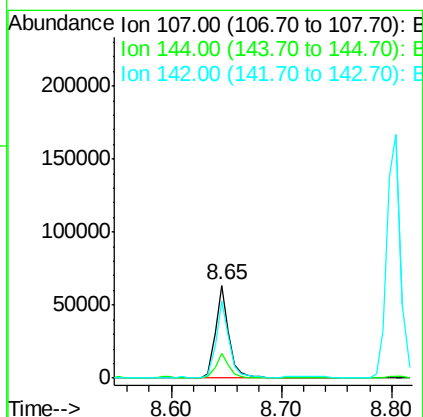
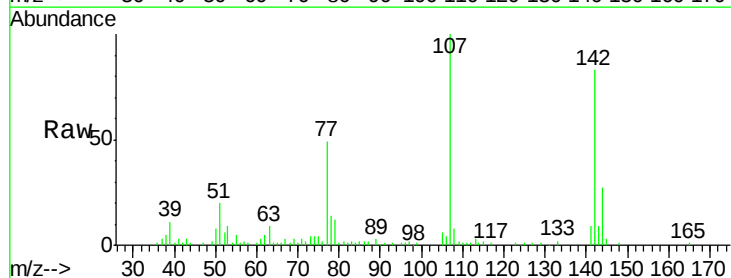
Instrument :
 BNA_F
 ClientSampleId :
 20MS

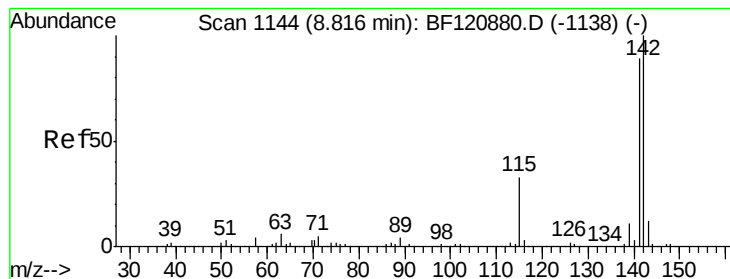
Tot Ion:113 Resp: 15357
 Ion Ratio Lower Upper
 113 100
 55 174.4 131.0 171.0#
 56 123.8 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 5.938 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:107 Resp: 53995
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.9 31.3
 142 83.1 64.5 96.7





#37

2-Methylnaphthalene

Concen: 7.105 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

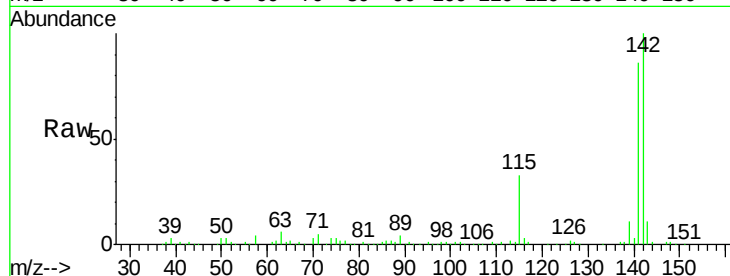
Tot Ion:142 Resp: 142966

Ion Ratio Lower Upper

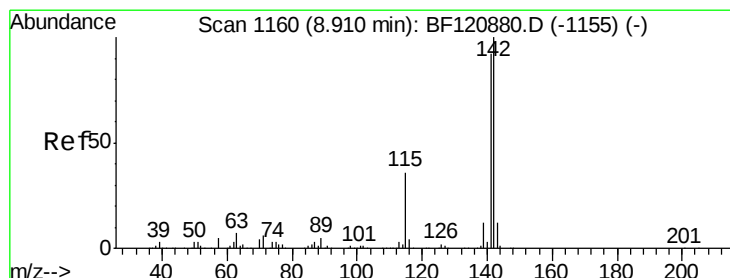
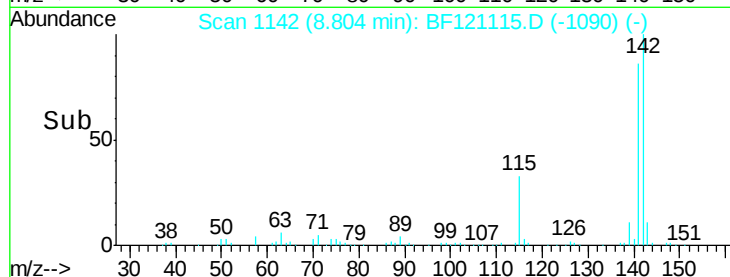
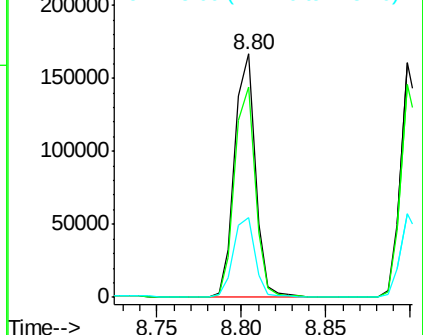
142 100

141 86.4 70.6 105.8

115 32.8 27.1 40.7



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



#38

1-Methylnaphthalene

Concen: 6.944 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

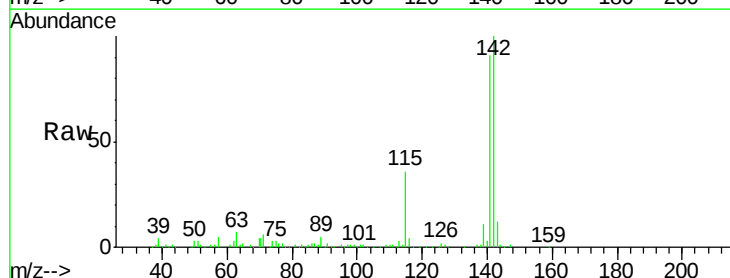
Tgt Ion:142 Resp: 132338

Ion Ratio Lower Upper

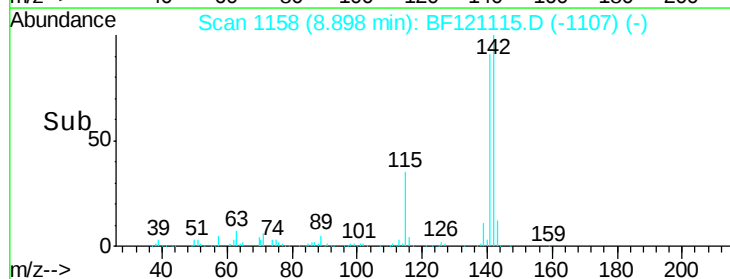
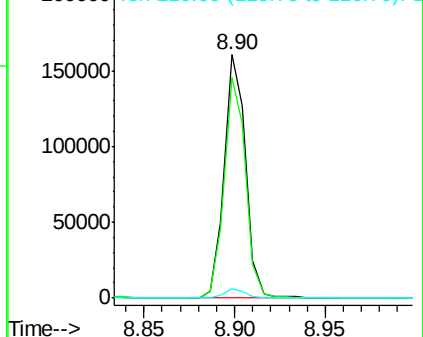
142 100

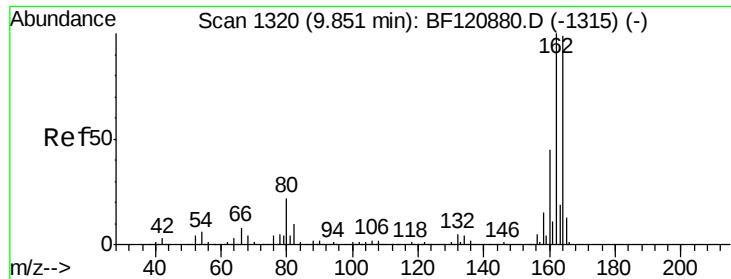
141 90.8 73.0 109.6

116 3.7 3.0 4.6



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

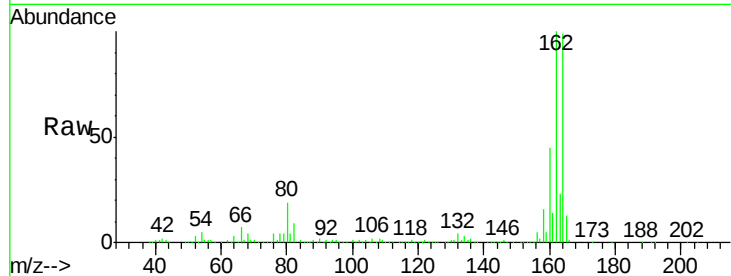




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.2	37.2	55.8

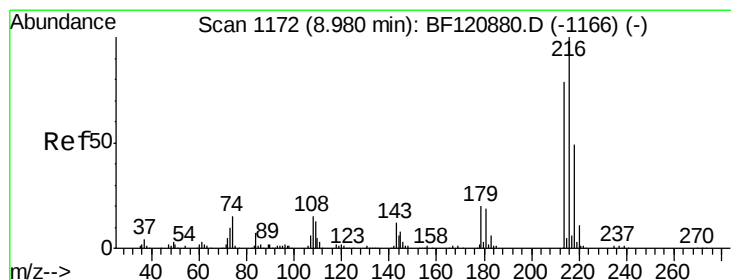
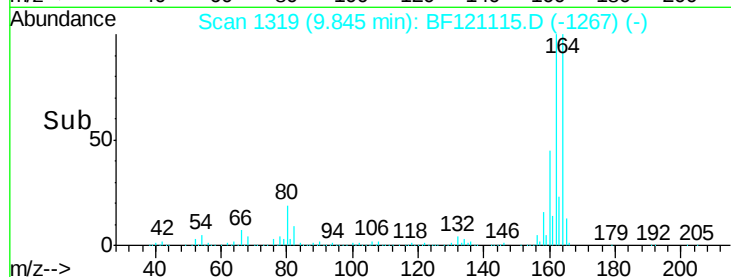
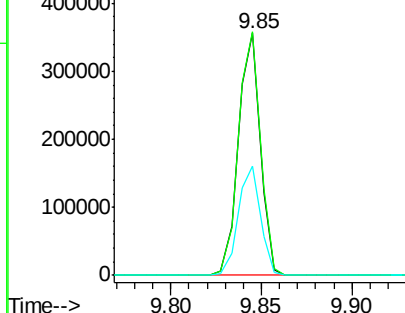


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.602 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.9	95.9
179	20.9	16.6	24.8
108	17.1	15.0	22.4

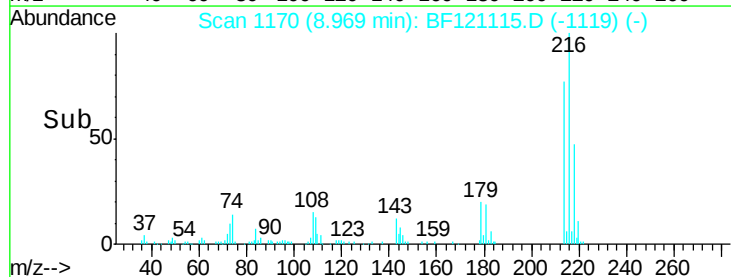
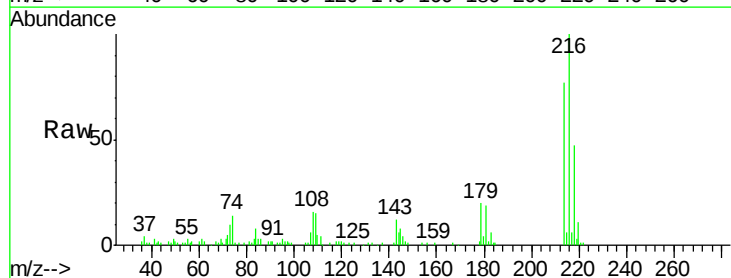
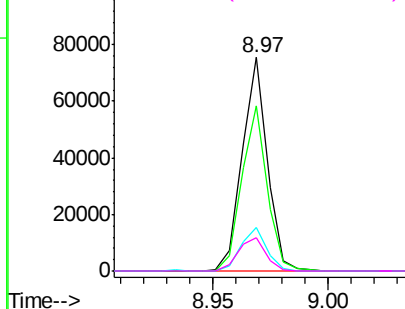
Abundance

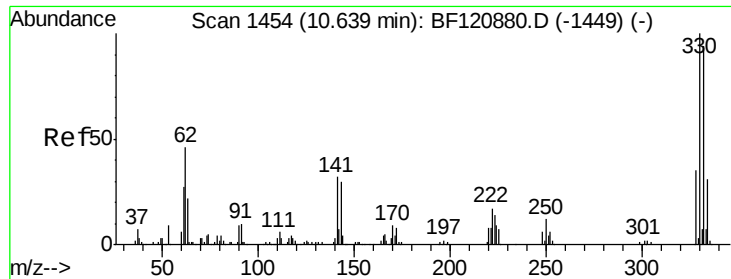
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

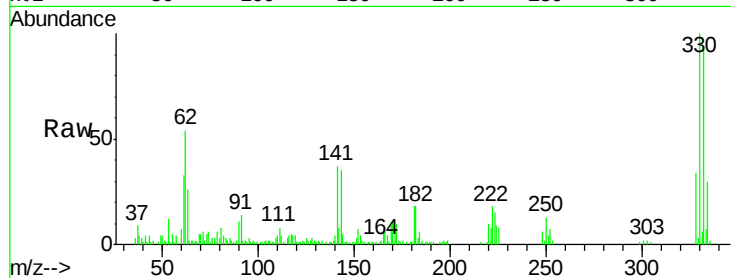




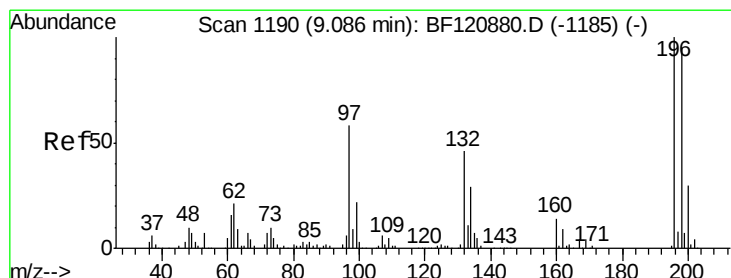
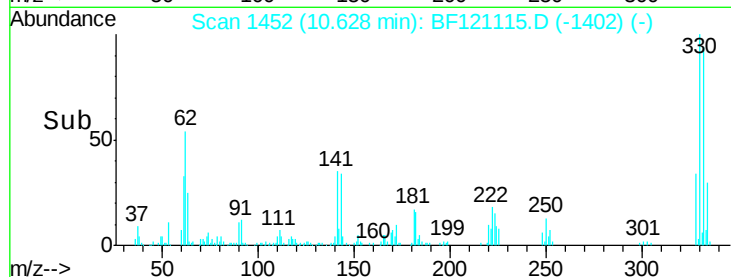
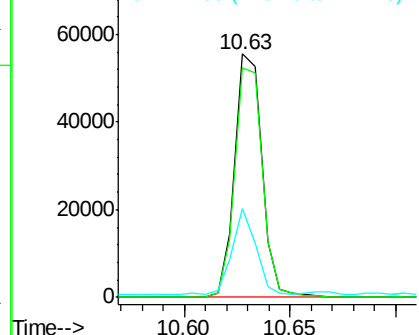
#42
 2,4,6-Tribromophenol
 Concen: 15.115 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion:330 Resp: 49464
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 31.7 24.1 36.1

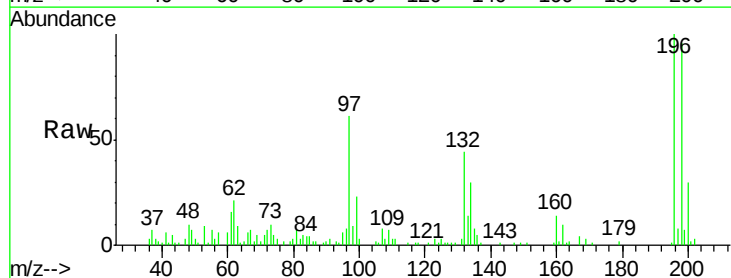


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

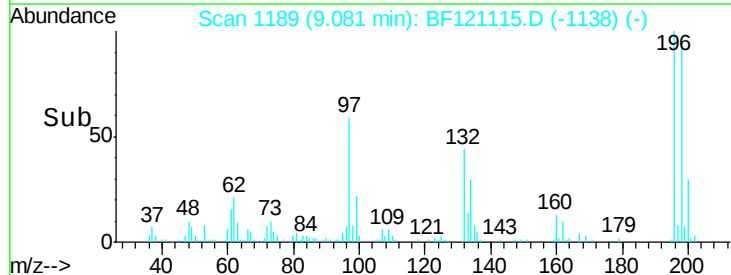
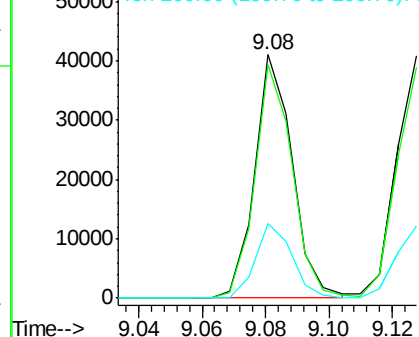


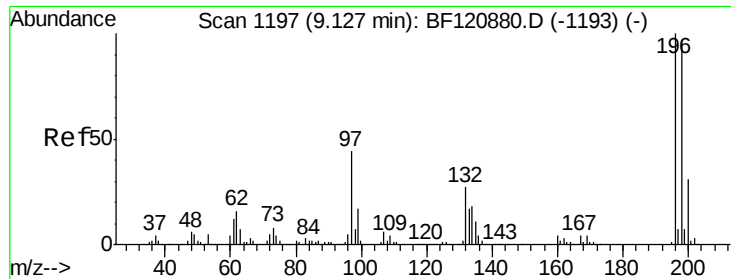
#43
 2,4,6-Trichlorophenol
 Concen: 5.485 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:196 Resp: 33638
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.5 116.3
 200 30.4 24.6 37.0



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

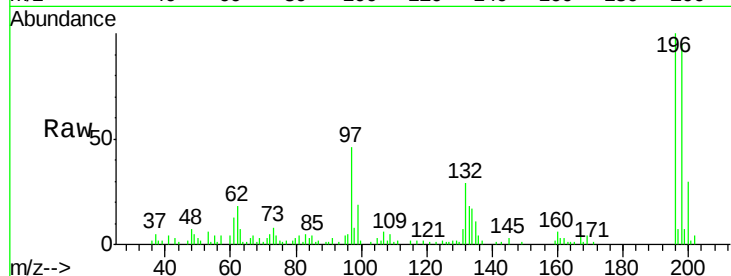




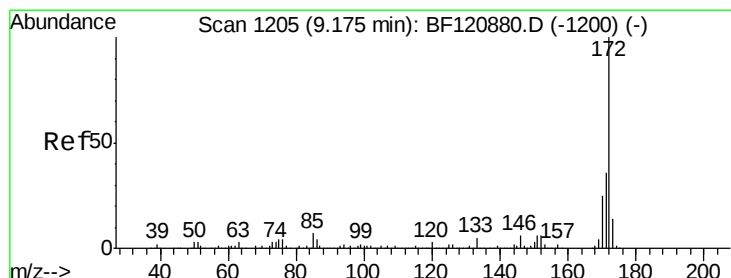
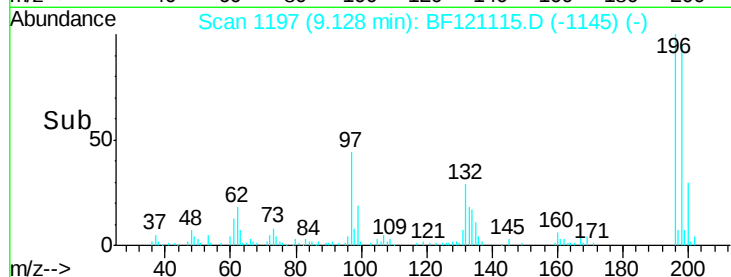
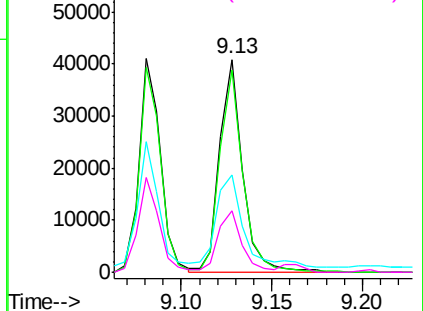
#44
 2,4,5-Trichlorophenol
 Concen: 5.193 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion:196	Resp:	36126	
Ion Ratio	Lower	Upper	
196 100			
198 94.9	76.2	114.4	
97 45.8	37.3	55.9	
132 28.6	22.0	33.0	

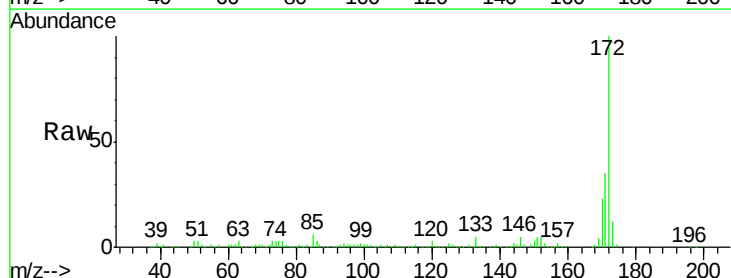


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

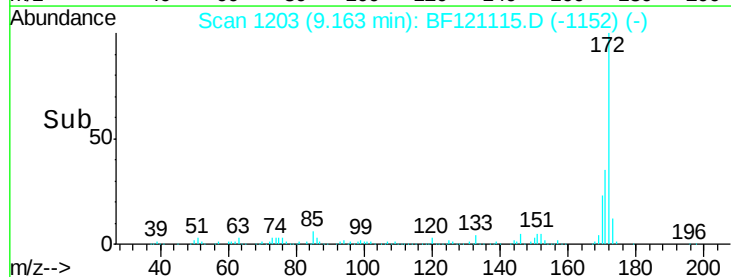
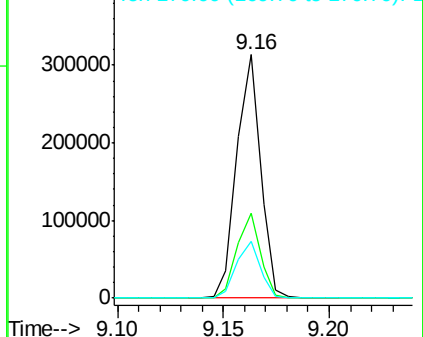


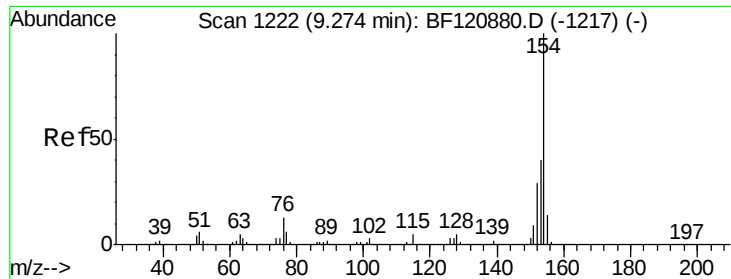
#45
 2-Fluorobiphenyl
 Concen: 12.235 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	172	Resp: Lower	244998 Upper
	Ratio		
172	100		
171	34.8	29.0	43.4
170	23.5	19.6	29.4



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

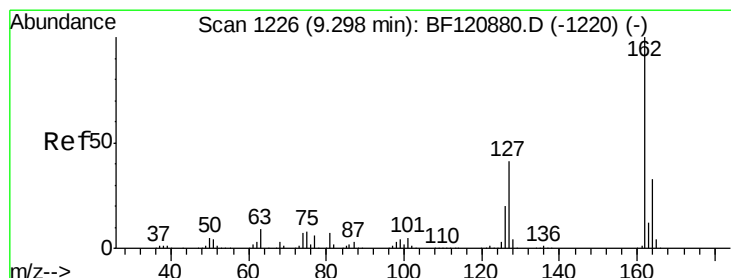
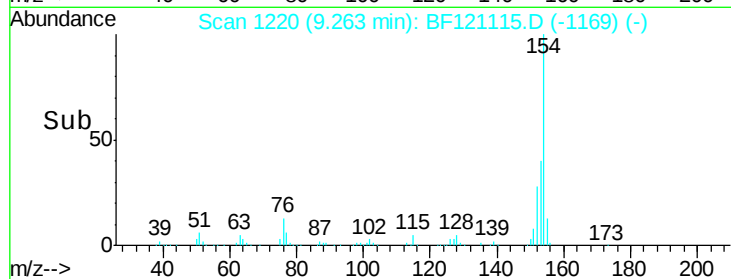
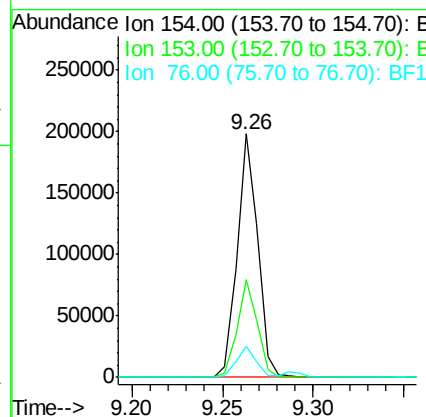
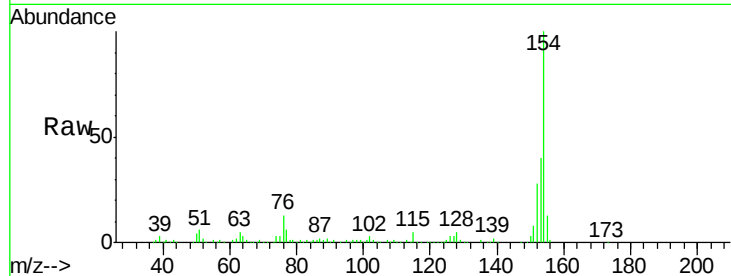




#46
1,1'-Biphenyl
Concen: 6.845 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

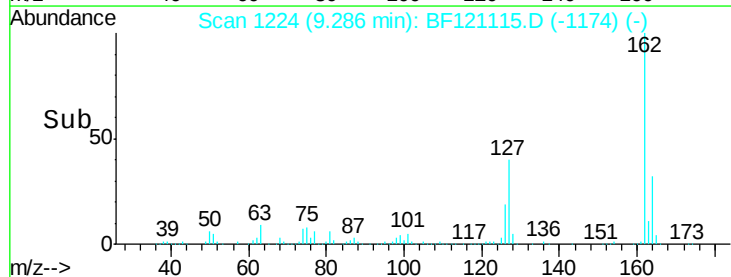
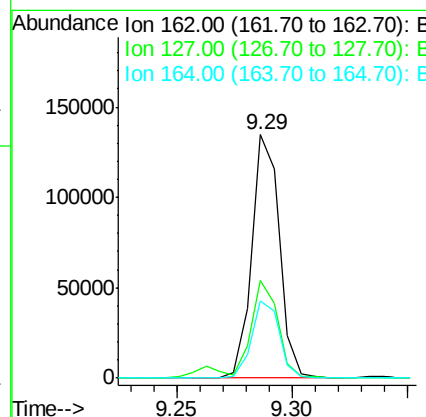
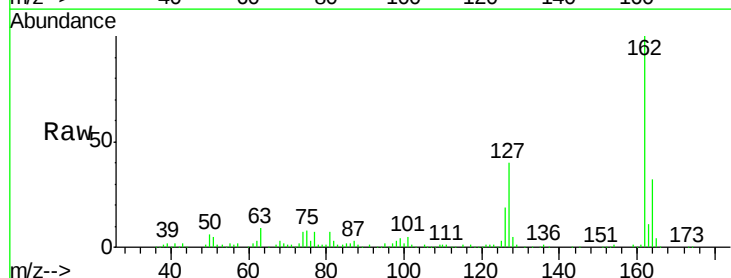
Instrument :
BNA_F
ClientSampleId :
20MS

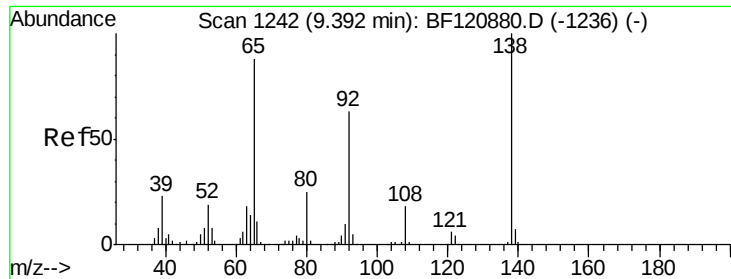
Tot Ion:154 Resp: 156106
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 12.7 0.0 33.4



#47
2-Chloronaphthalene
Concen: 6.059 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:162 Resp: 112648
Ion Ratio Lower Upper
162 100
127 40.3 31.1 46.7
164 32.0 26.6 40.0

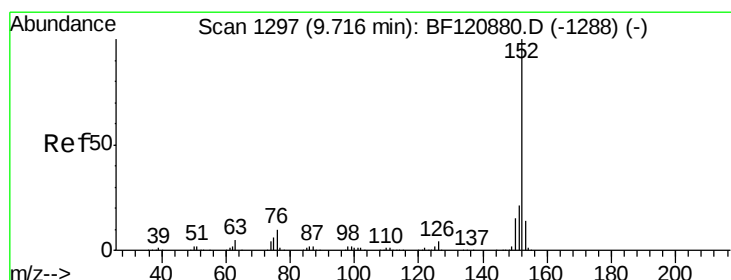
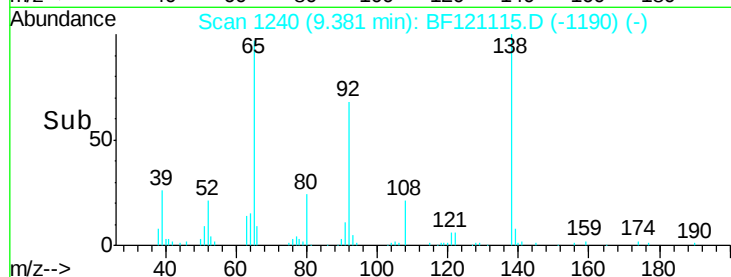
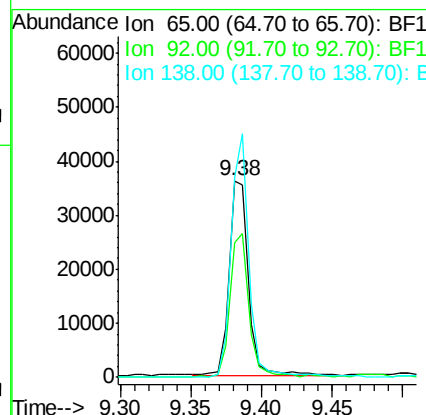
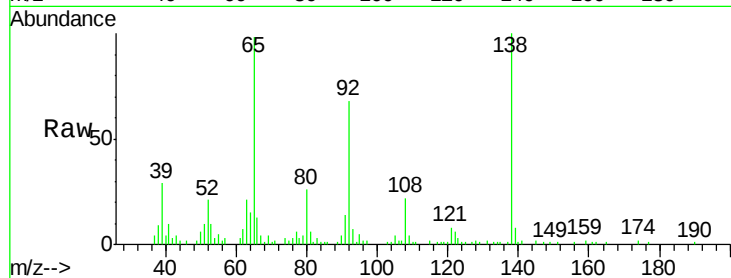




#48
2-Nitroaniline
Concen: 6.004 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

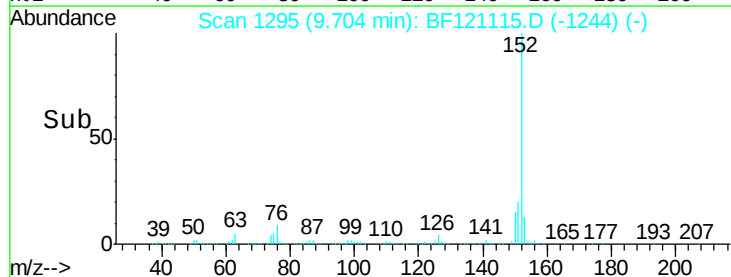
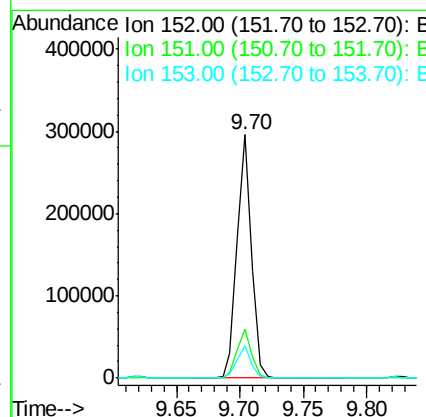
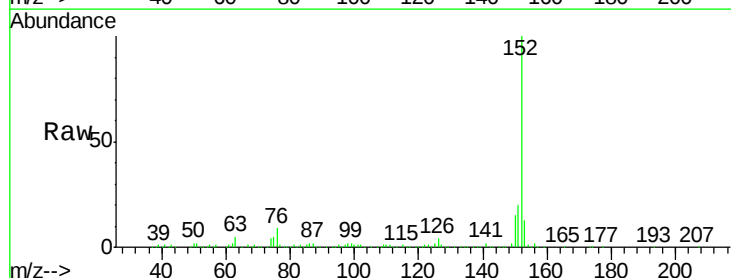
Instrument :
BNA_F
ClientSampleId :
20MS

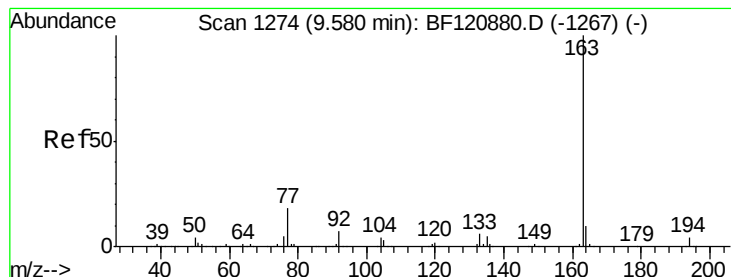
Tot Ion: 65 Resp: 33735
Ion Ratio Lower Upper
65 100
92 69.0 58.0 87.0
138 101.9 93.3 139.9



#49
Acenaphthylene
Concen: 7.942 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion: 152 Resp: 229411
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.1 11.0 16.4





#50

Dimethylphthalate

Concen: 8.449 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

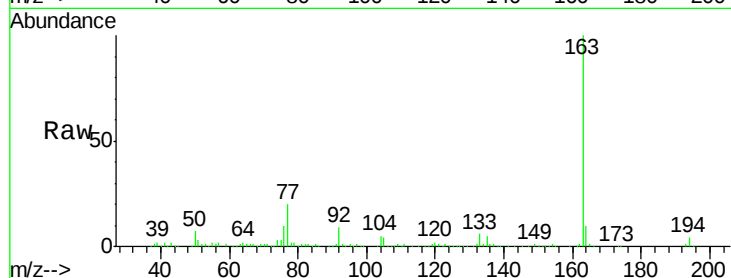
Tot Ion:163 Resp: 182228

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

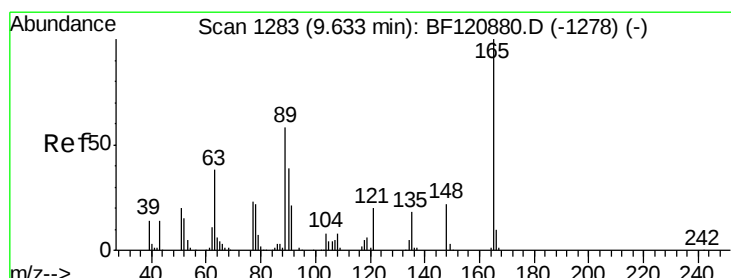
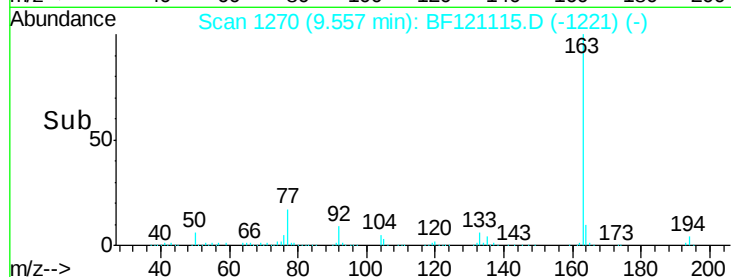
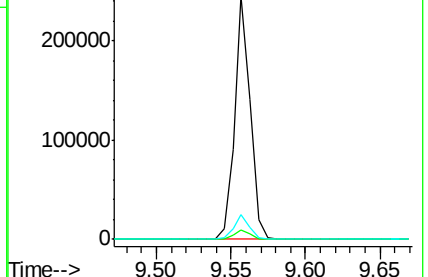
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 4.550 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

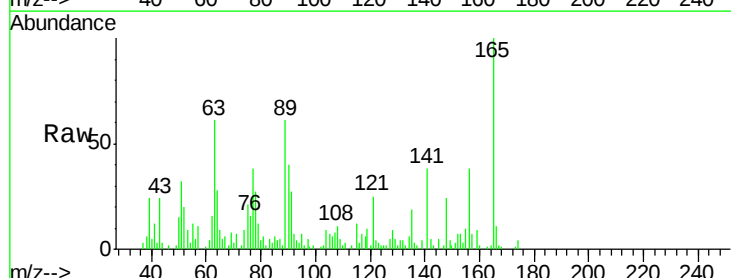
Tgt Ion:165 Resp: 21085

Ion Ratio Lower Upper

165 100

63 61.0 41.1 61.7

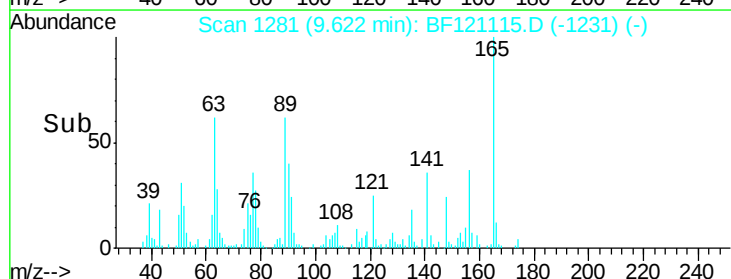
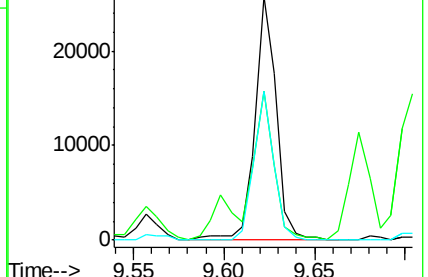
89 61.1 43.5 65.3

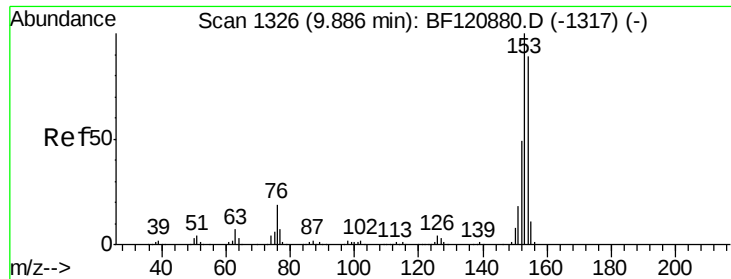


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

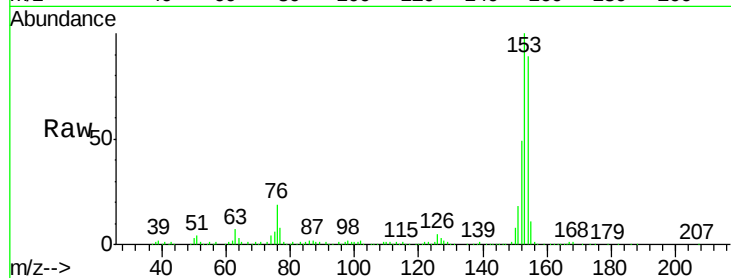




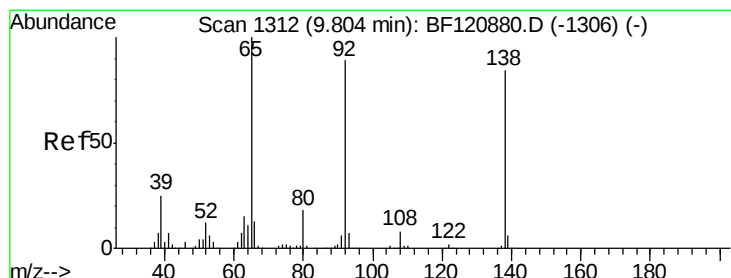
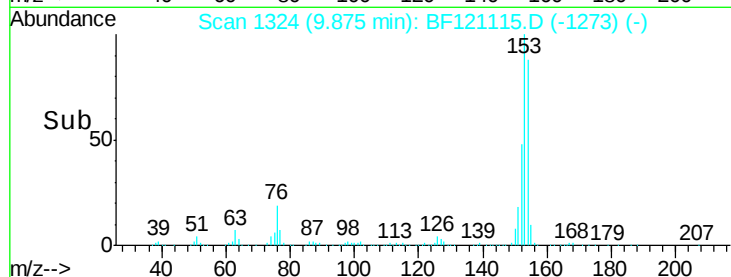
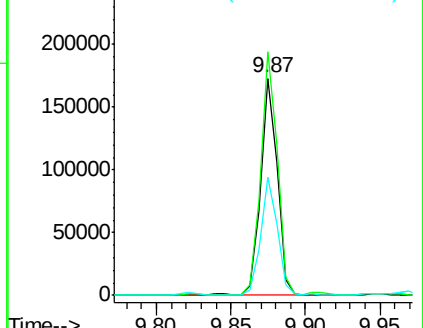
#52
Acenaphthene
Concen: 7.184 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:154 Resp: 131928
Ion Ratio Lower Upper
154 100
153 112.2 89.6 134.4
152 54.4 43.8 65.6

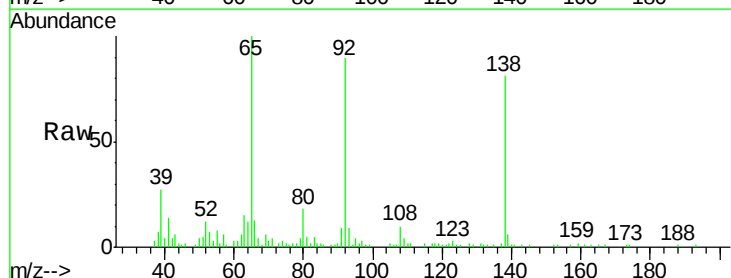


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

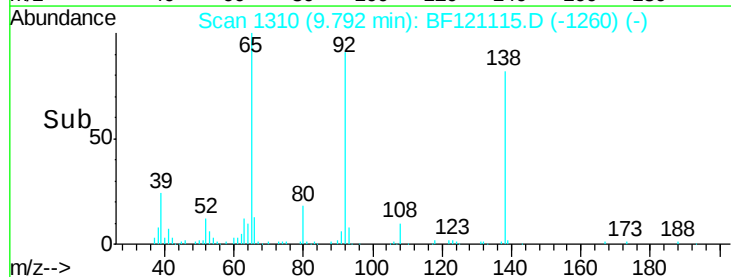
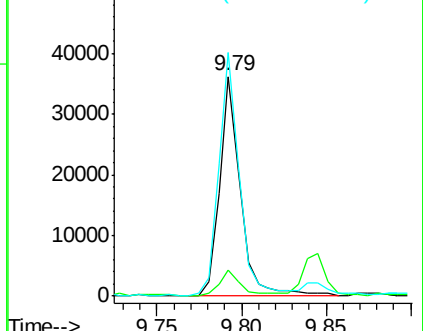


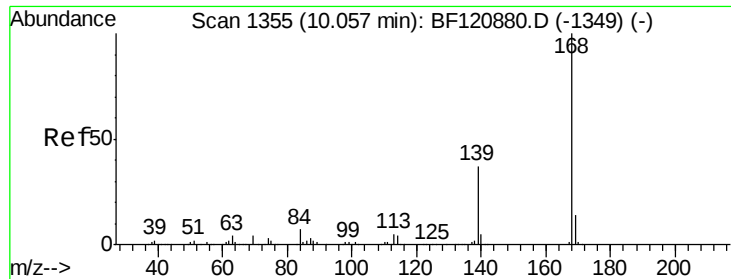
#53
3-Nitroaniline
Concen: 5.403 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:138 Resp: 31401
Ion Ratio Lower Upper
138 100
108 11.9 7.8 11.8#
92 111.0 85.0 127.4



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

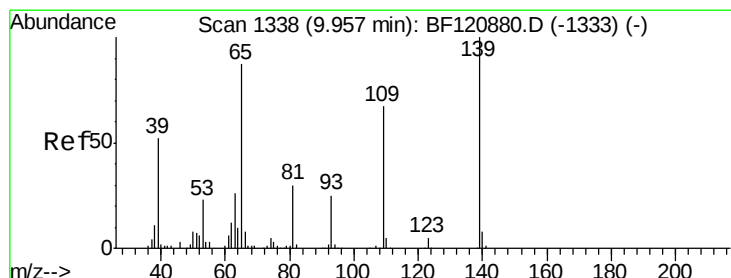
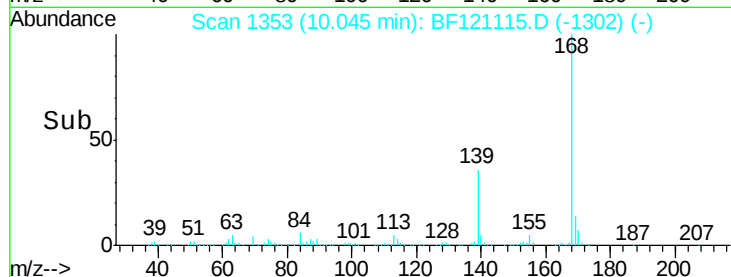
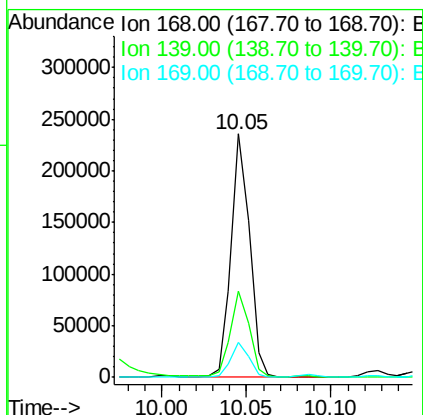
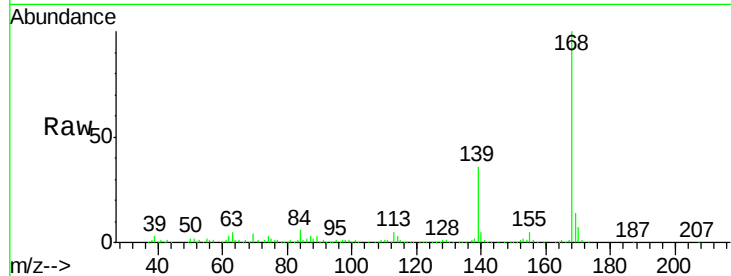




#55
Dibenzofuran
Concen: 6.699 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

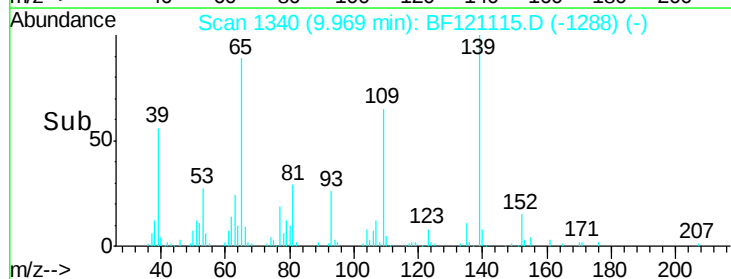
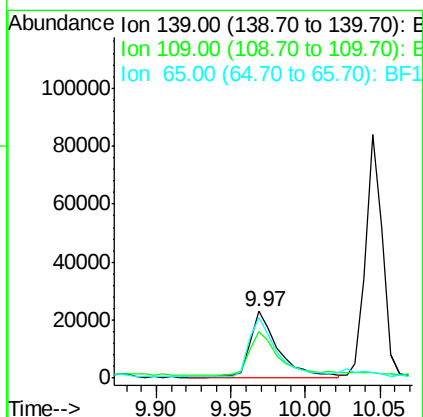
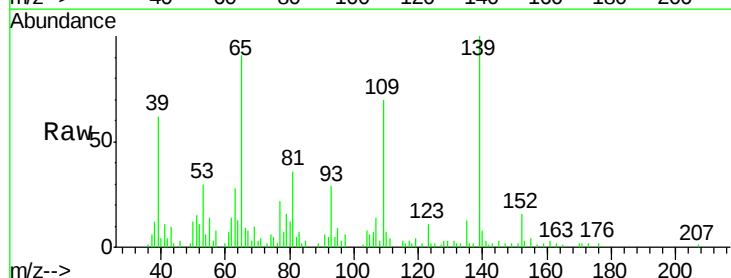
Instrument :
BNA_F
ClientSampleId :
20MS

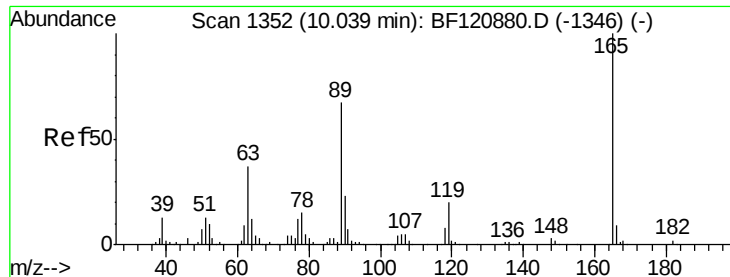
Tot Ion:168 Resp: 177902
Ion Ratio Lower Upper
168 100
139 35.6 30.1 45.1
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 7.003 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:139 Resp: 30916
Ion Ratio Lower Upper
139 100
109 70.0 44.8 84.8
65 91.3 65.6 105.6

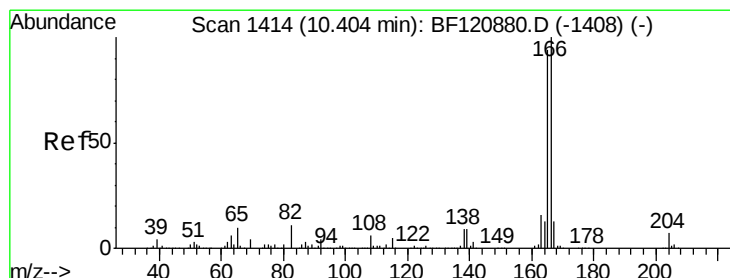
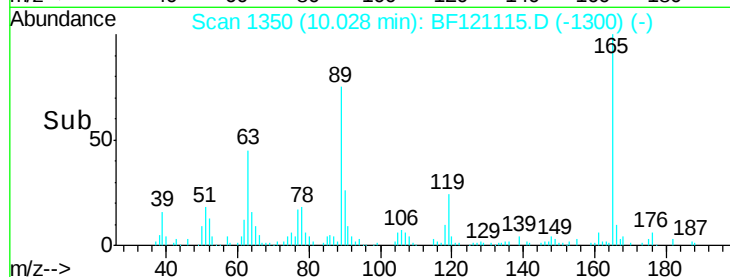
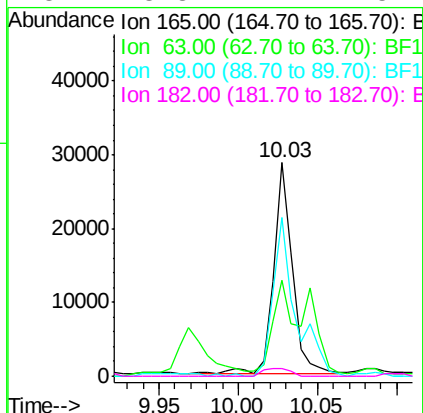
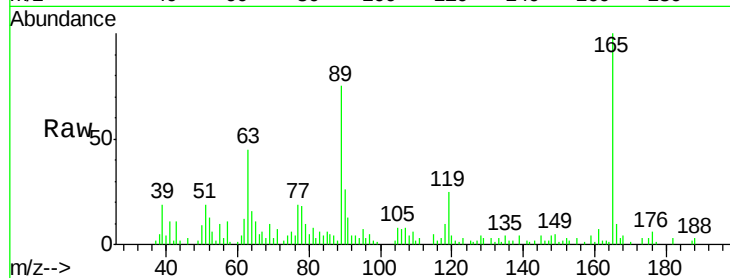




#57
2,4-Dinitrotoluene
Concen: 3.899 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

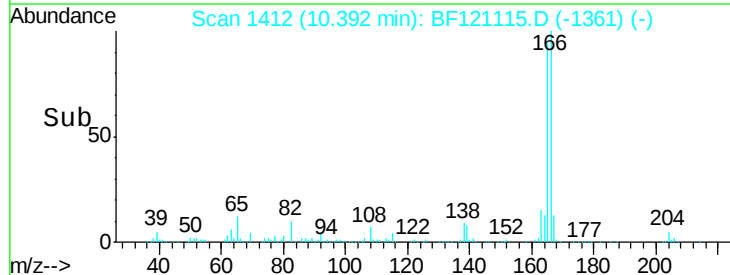
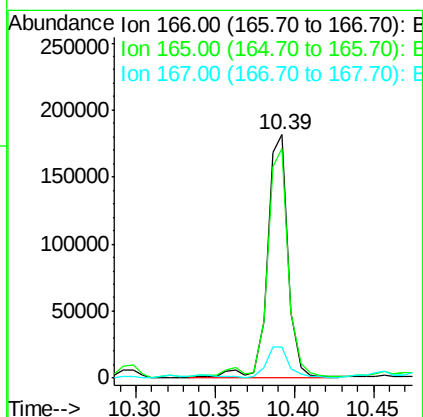
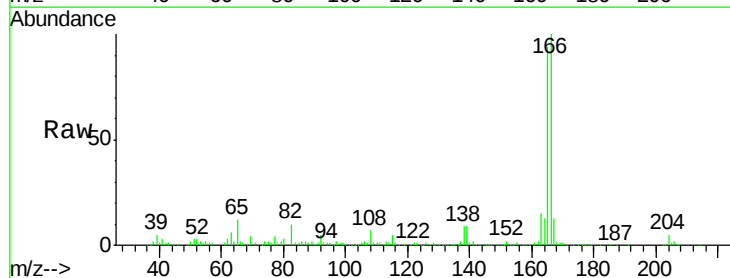
Instrument :
BNA_F
ClientSampleId :
20MS

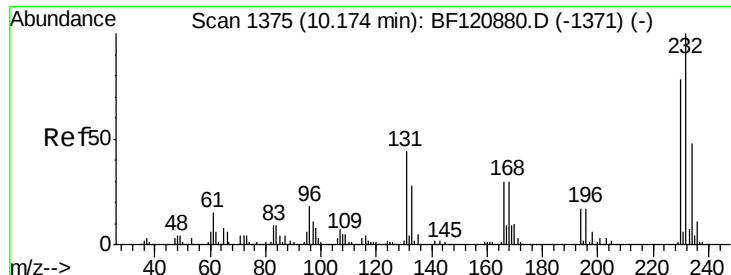
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	29.8	44.8#
89	74.6	50.3	75.5
182	3.3	2.1	3.1#



#58
Fluorene
Concen: 8.367 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.4	114.6
167	13.0	10.7	16.1

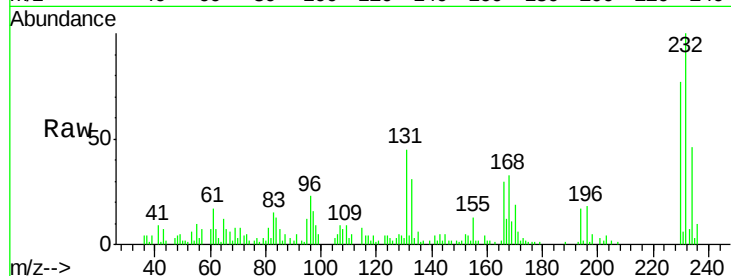




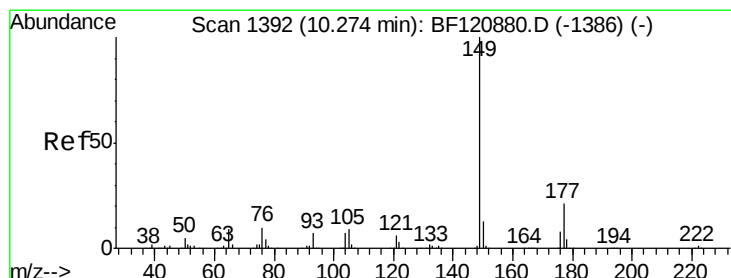
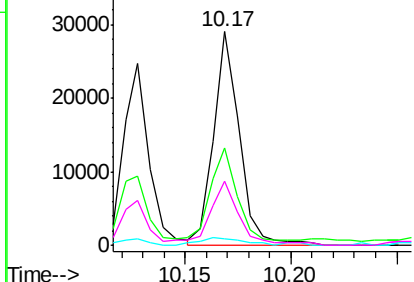
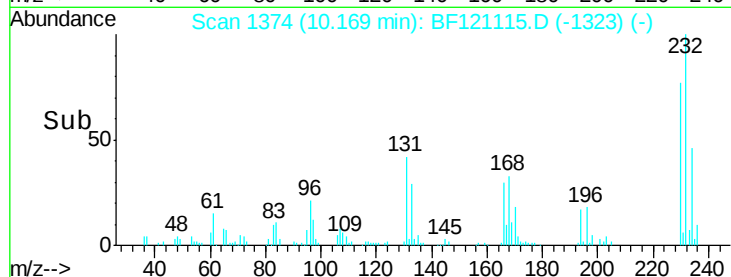
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.701 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion:232 Resp: 24899
 Ion Ratio Lower Upper
 232 100
 131 43.7 34.2 51.2
 130 6.0 1.7 2.5#
 166 33.8 23.1 34.7

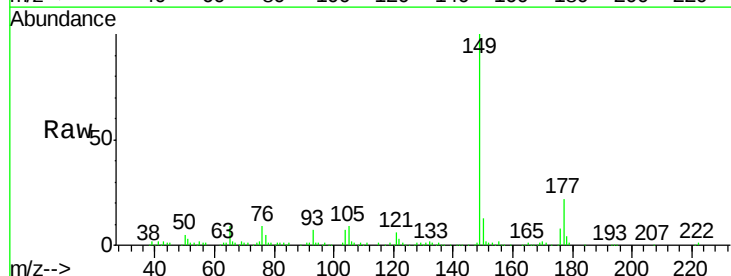


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

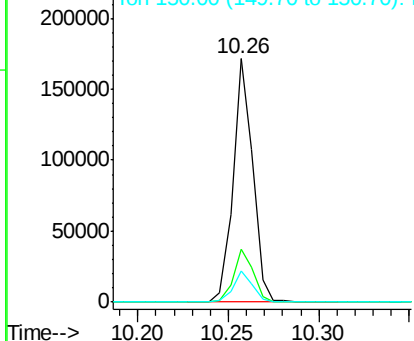
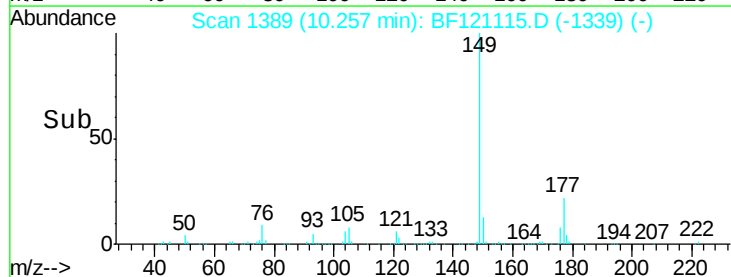


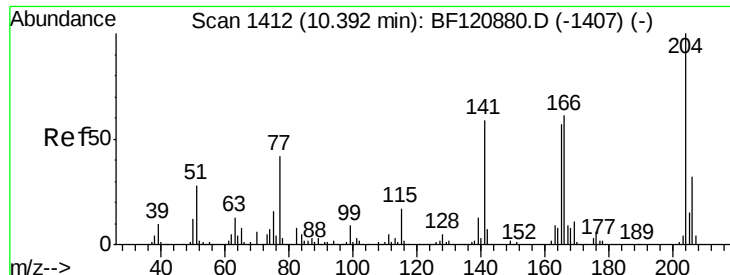
#60
 Diethylphthalate
 Concen: 5.904 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:149 Resp: 128809
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.6 26.4
 150 13.0 10.2 15.4



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

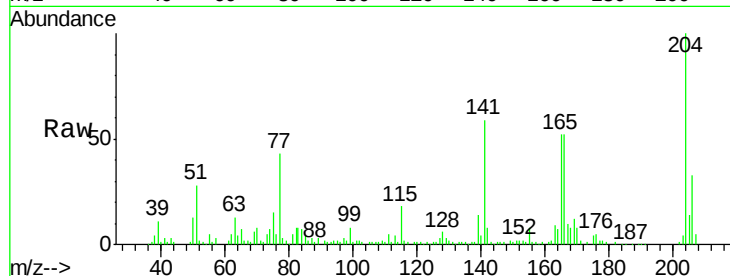




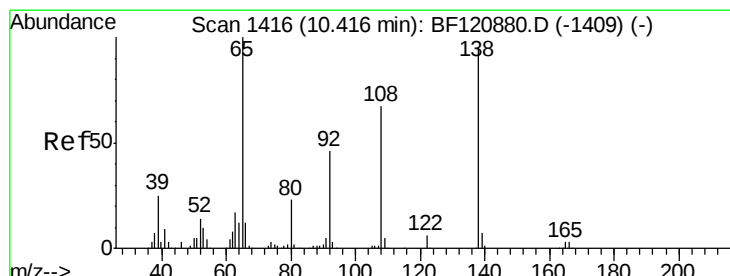
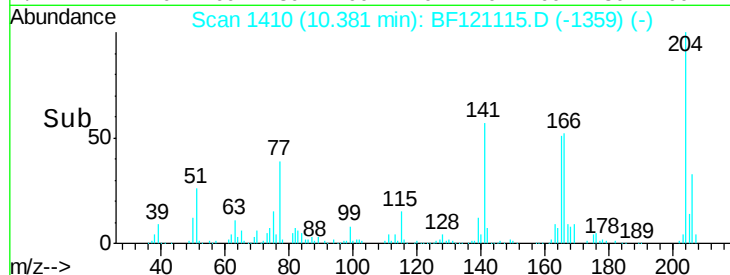
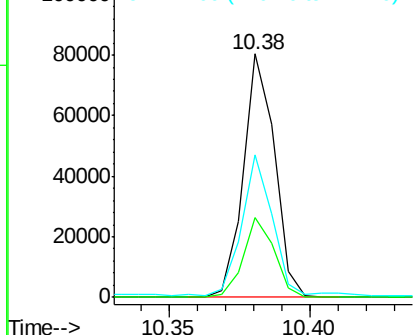
#61
4-Chlorophenyl-phenylether
Concen: 5.821 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion:204 Resp: 61495
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 58.6 46.9 70.3

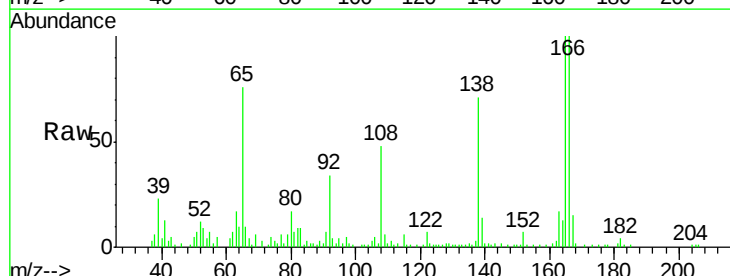


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

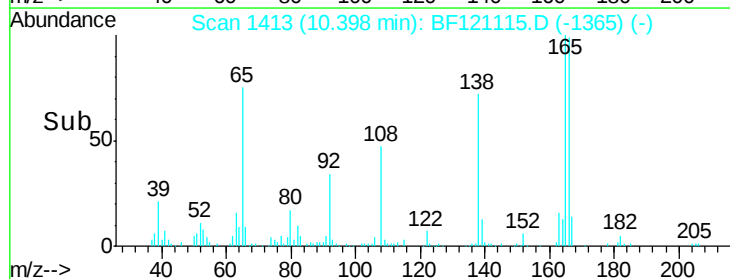
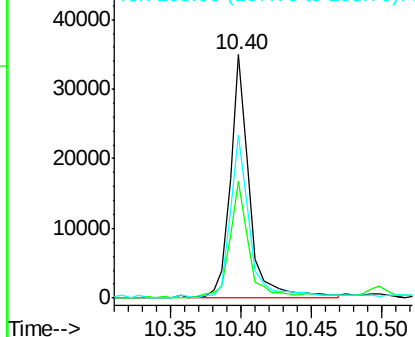


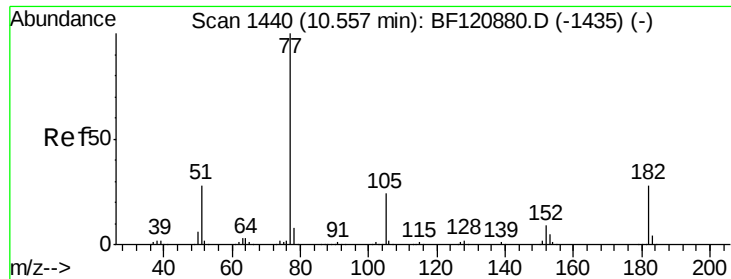
#62
4-Nitroaniline
Concen: 5.819 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:138 Resp: 32944
Ion Ratio Lower Upper
138 100
92 48.2 25.2 65.2
108 67.2 46.7 86.7



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





#63

Azobenzene

Concen: 5.405 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

Tot Ion: 77 Resp: 112250

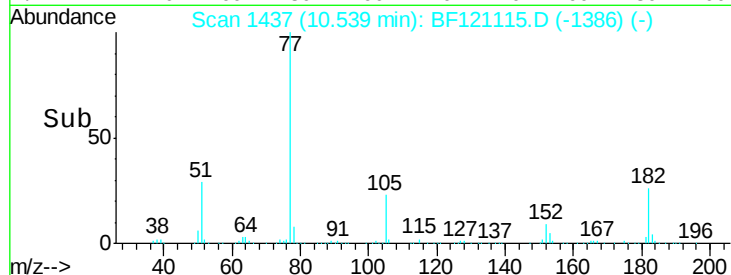
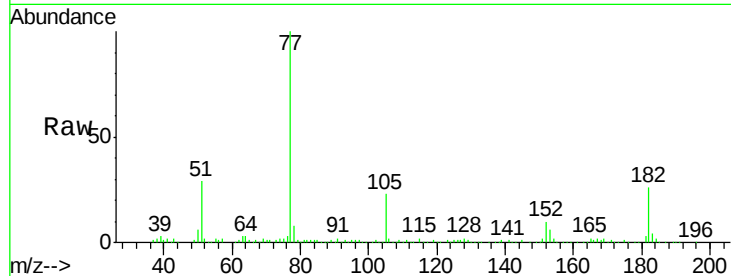
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 23.3 3.4 43.4

51 29.2 8.7 48.7

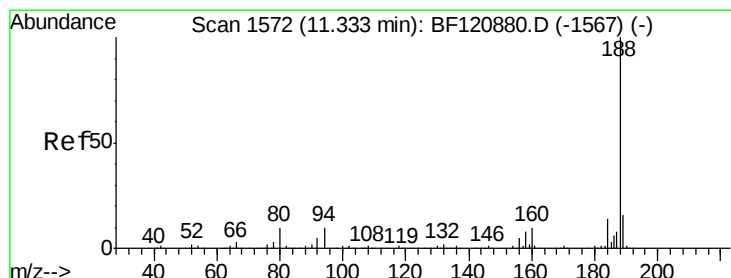
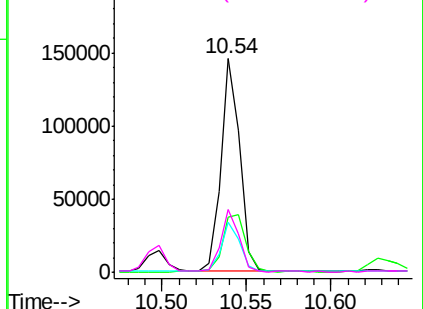


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

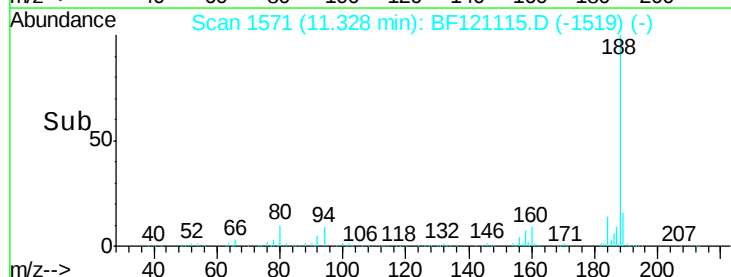
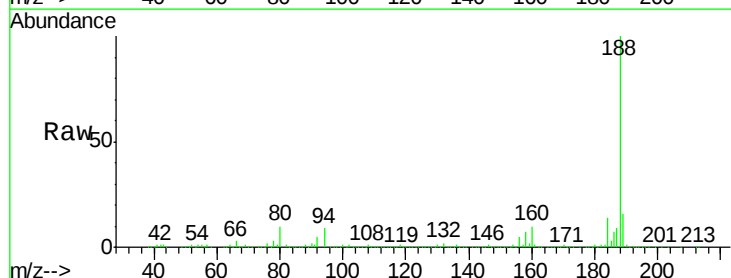
Tgt Ion: 188 Resp: 513489

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

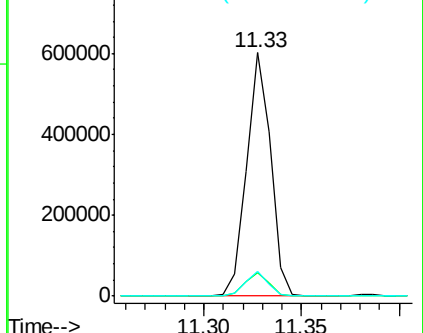
80 10.1 8.3 12.5

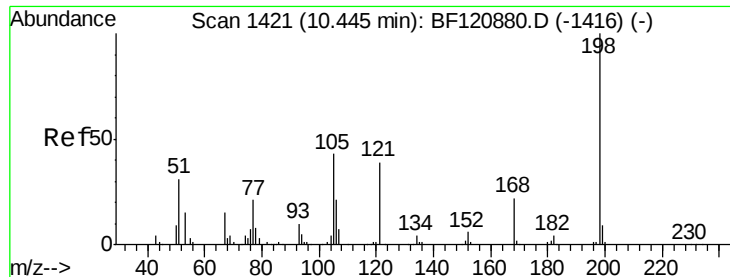


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

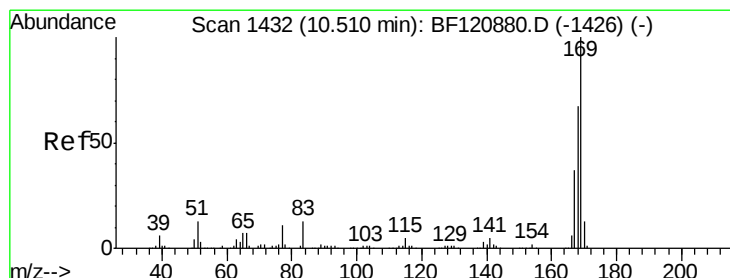
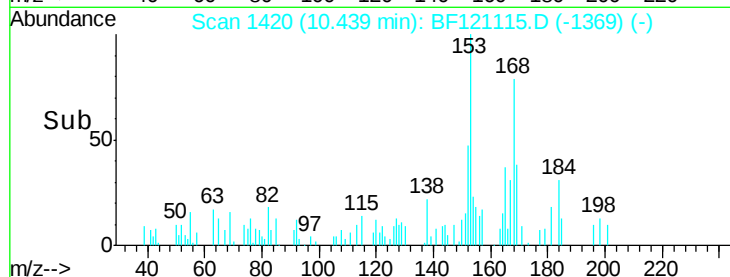
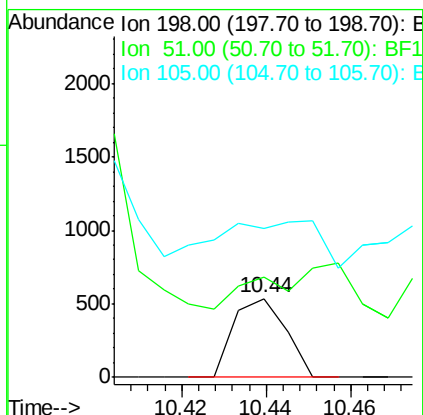
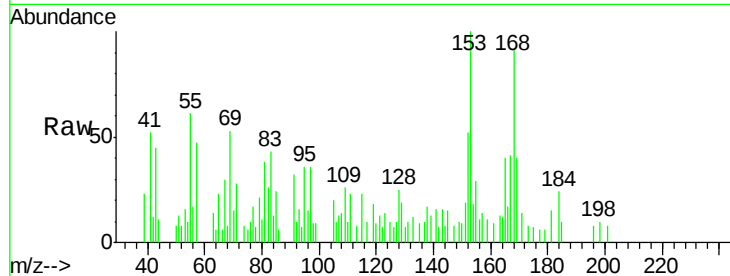




#65
4,6-Dinitro-2-methylphenol
Concen: 3.984 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

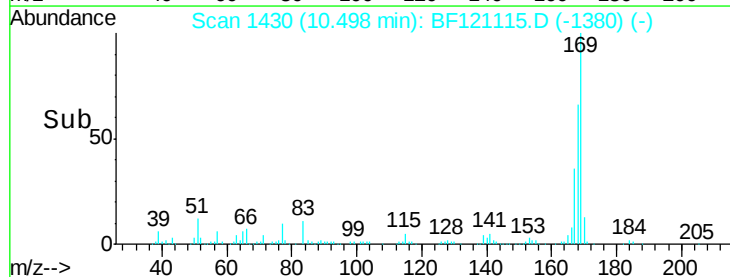
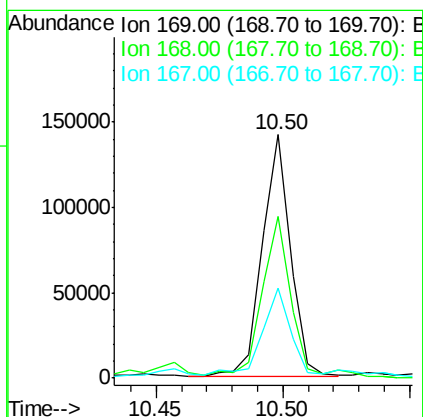
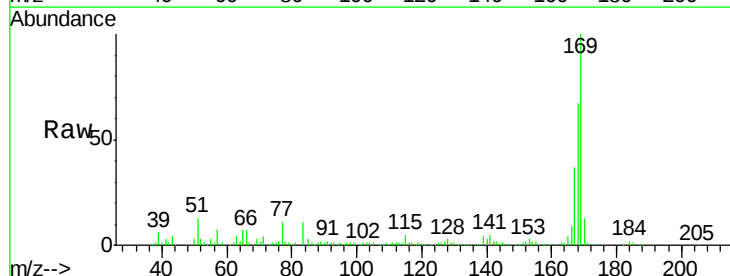
Instrument :
BNA_F
ClientSampled :
20MS

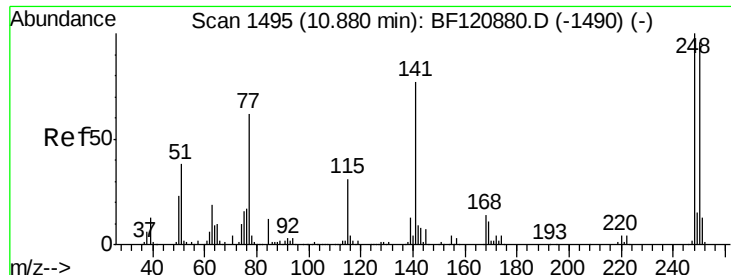
Tot Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 127.3 23.4 63.4#
105 188.6 23.7 63.7#



#66
n-Nitrosodiphenylamine
Concen: 6.865 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:169 Resp: 110895
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.8 30.0 45.0

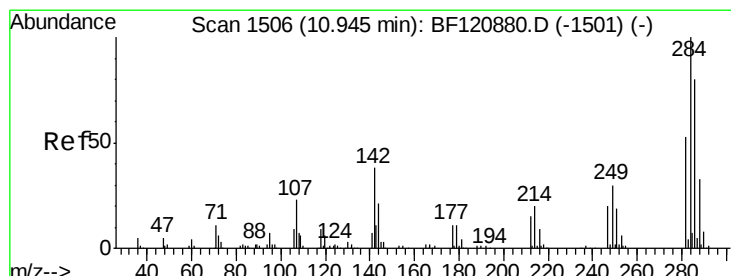
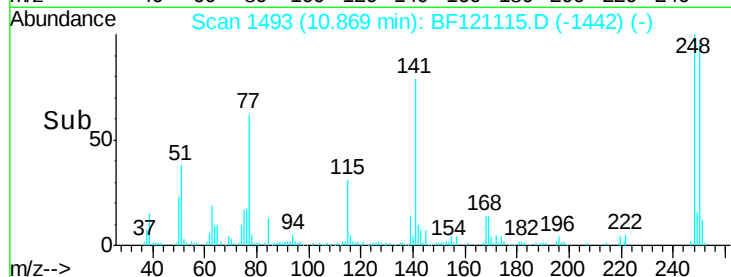
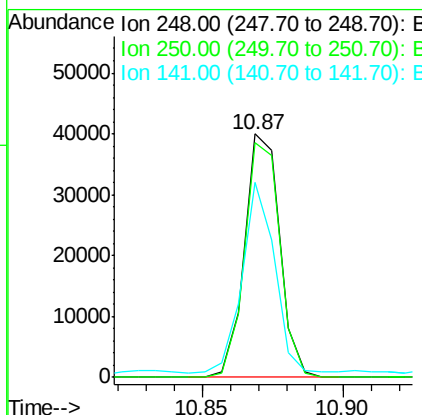
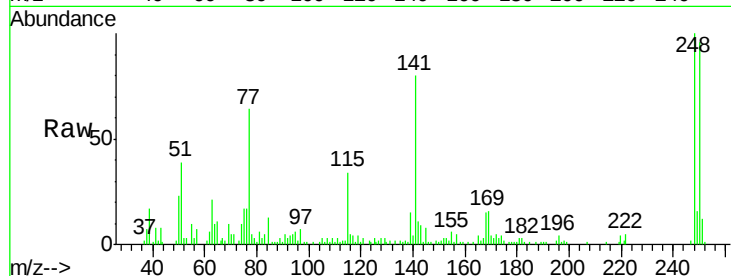




#67
 4-Bromophenyl-phenylether
 Concen: 6.019 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

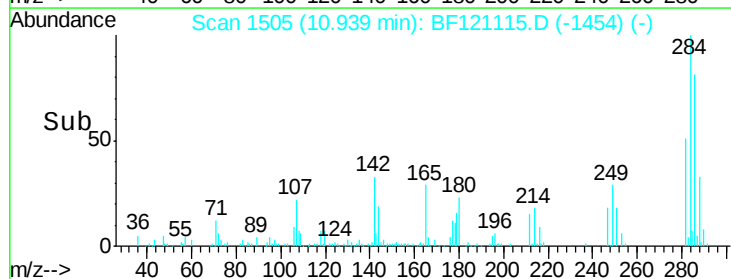
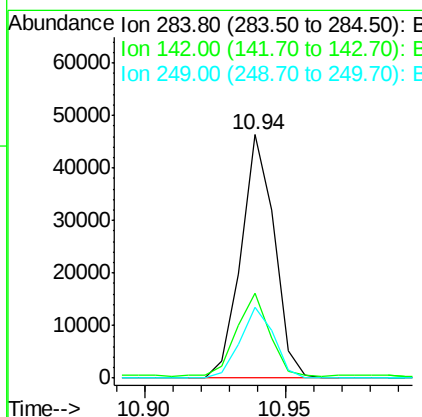
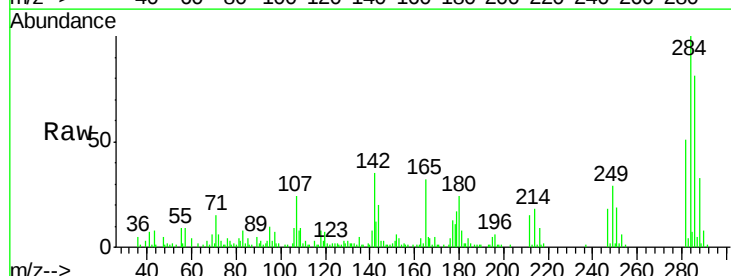
Instrument :
 BNA_F
 ClientSampled :
 20MS

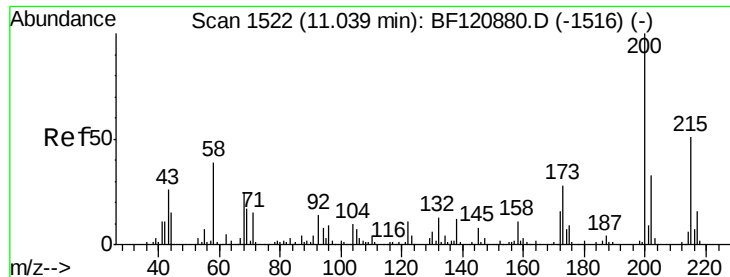
Tot Ion:248 Resp: 34458
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.0 115.6
 141 80.2 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 6.114 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:284 Resp: 37863
 Ion Ratio Lower Upper
 284 100
 142 35.1 21.1 31.7#
 249 29.1 22.5 33.7

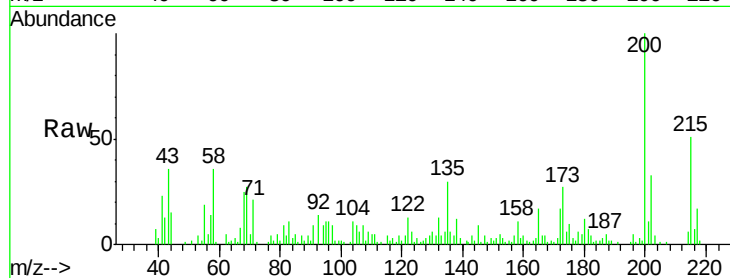




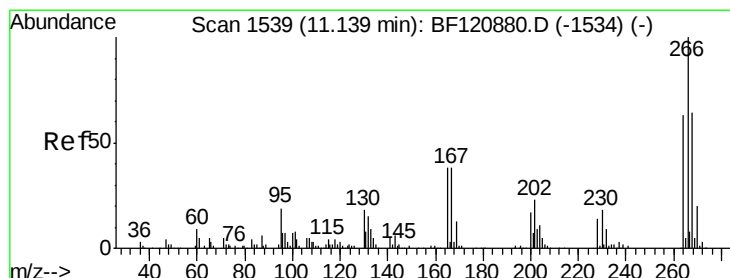
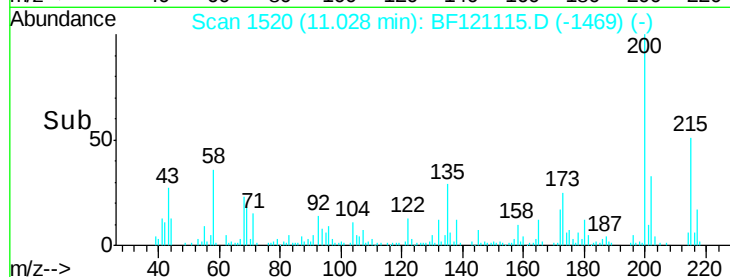
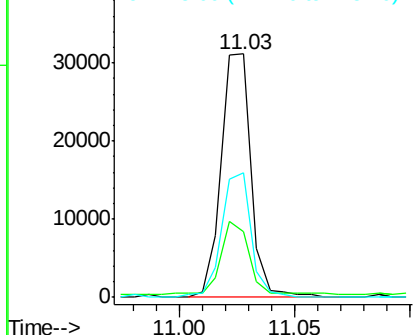
#69
 Atrazine
 Concen: 7.000 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.6	47.6
215	51.1	28.8	68.8

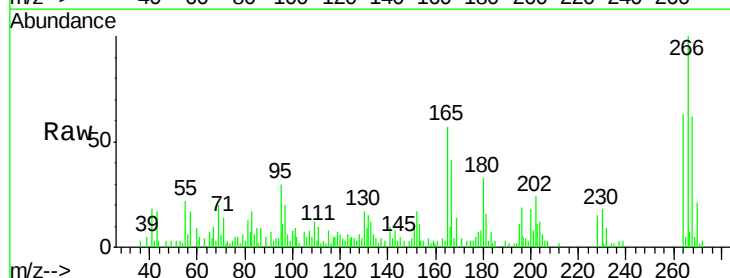


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

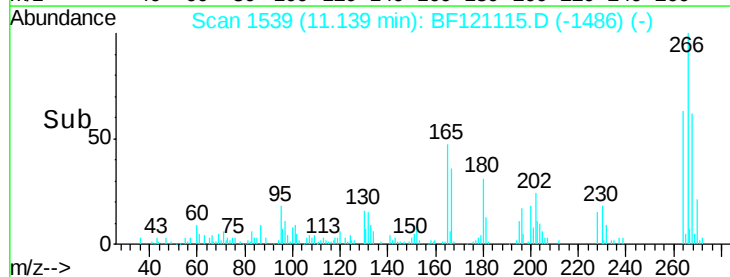
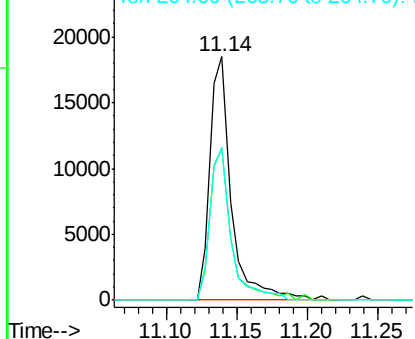


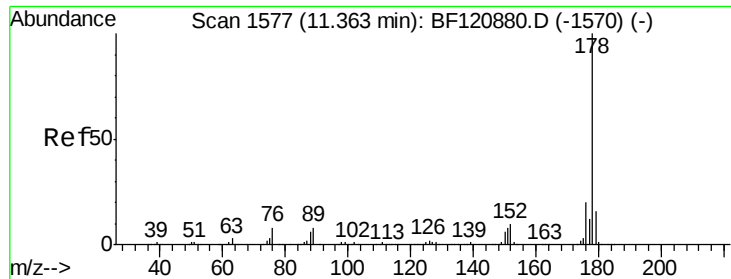
#70
 Pentachlorophenol
 Concen: 5.526 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	49.7	74.5
264	62.8	50.4	75.6



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





#71

Phenanthrene

Concen: 16.843 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

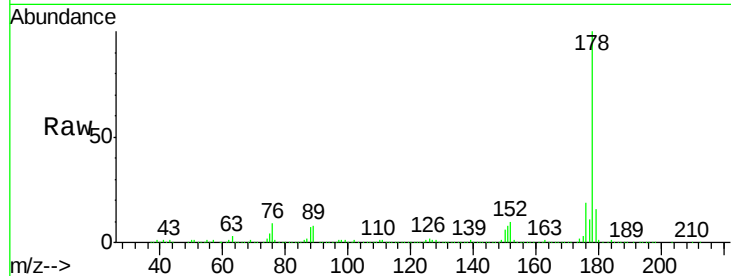
Tot Ion:178 Resp: 444808

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.2

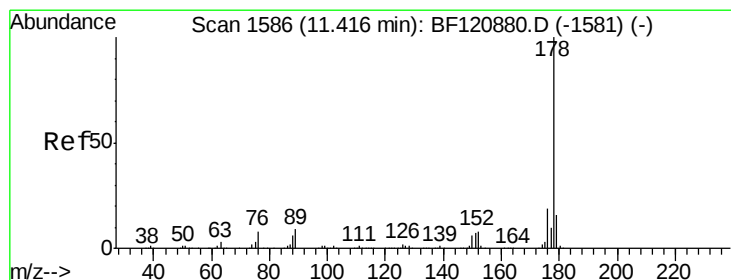
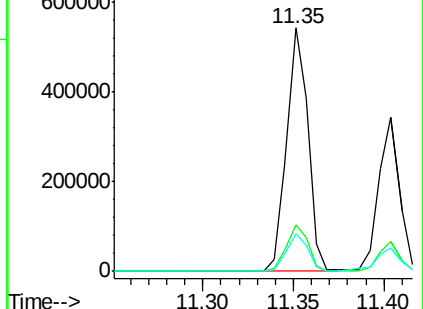
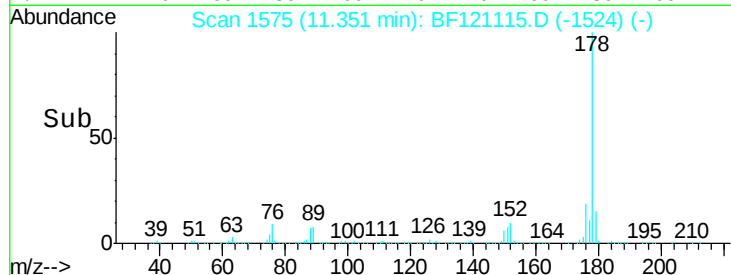
179 15.5 12.6 19.0



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: 10.183 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

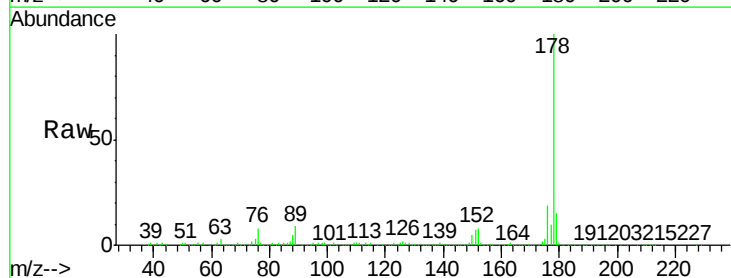
Tgt Ion:178 Resp: 270042

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

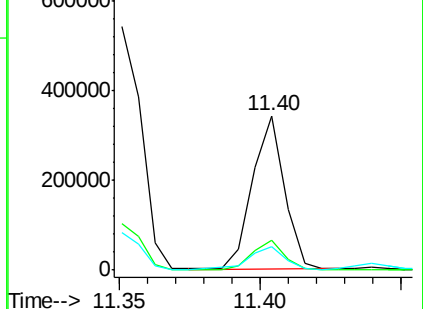
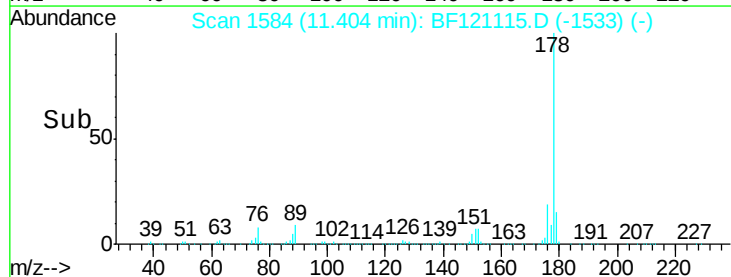
179 15.4 12.6 19.0

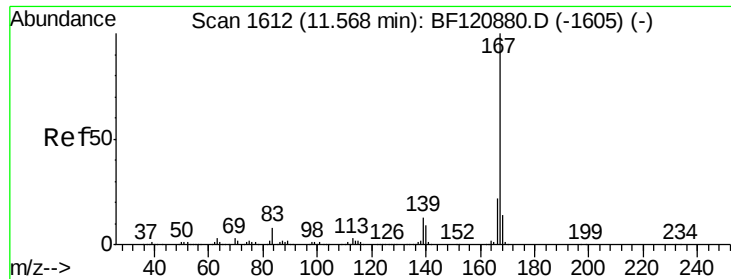


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

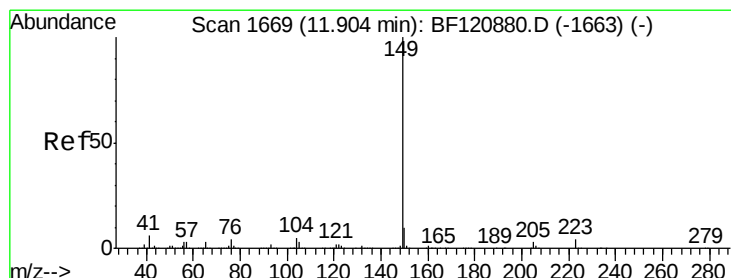
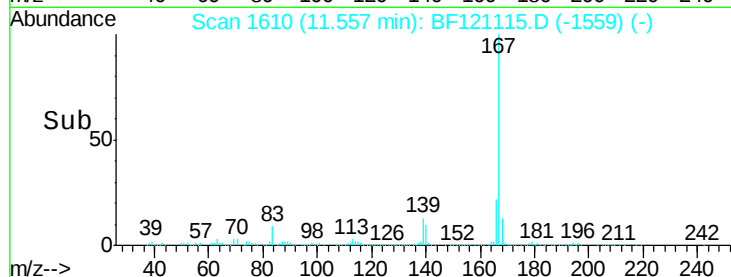
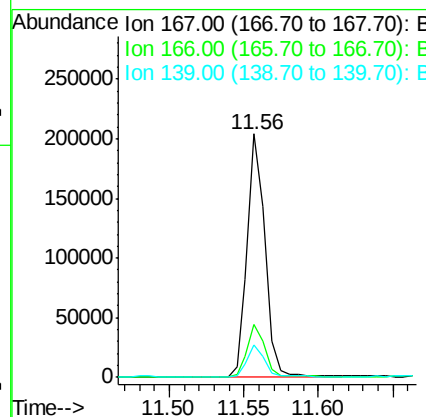
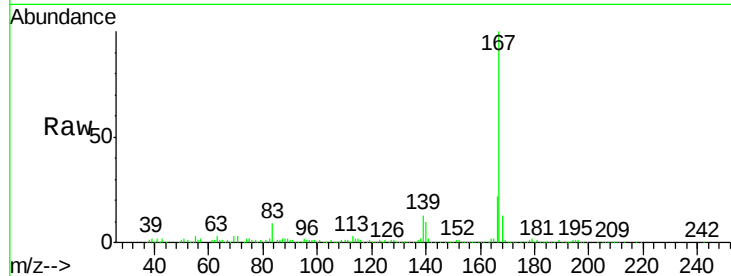




#73
 Carbazole
 Concen: 6.431 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

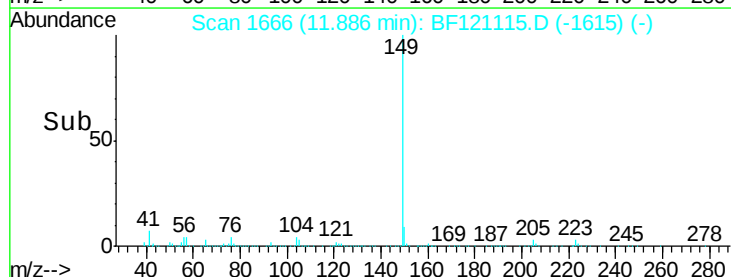
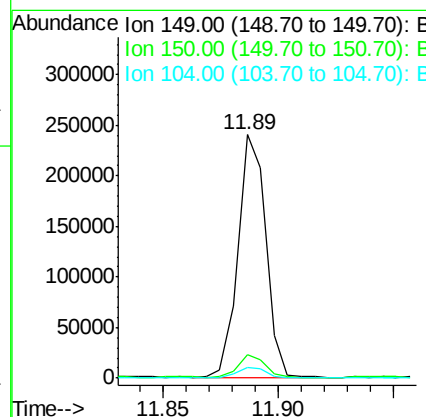
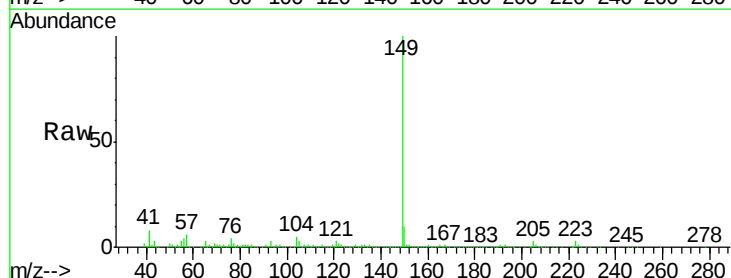
Instrument :
 BNA_F
 ClientSampleId :
 20MS

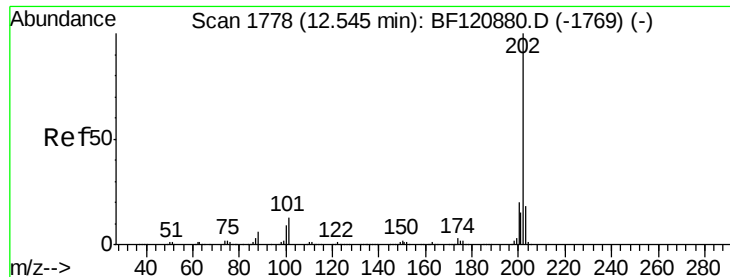
Tot Ion:167 Resp: 169236
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 6.615 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:149 Resp: 200905
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 23.014 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

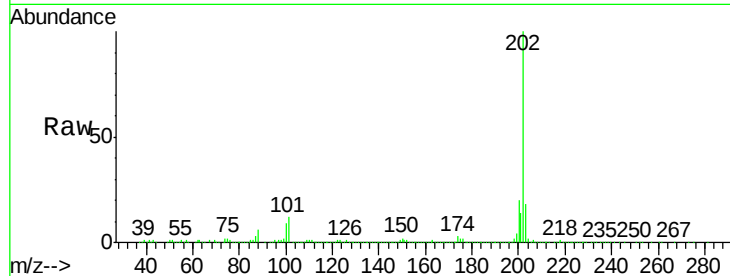
Tot Ion:202 Resp: 673680

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.5

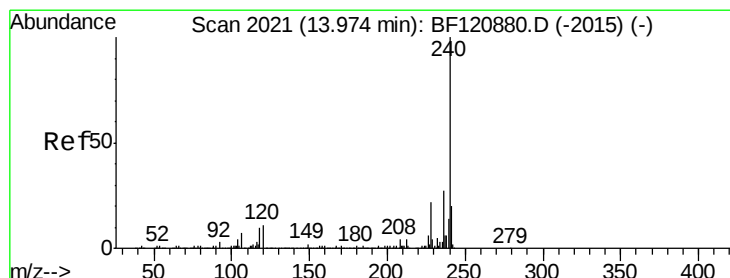
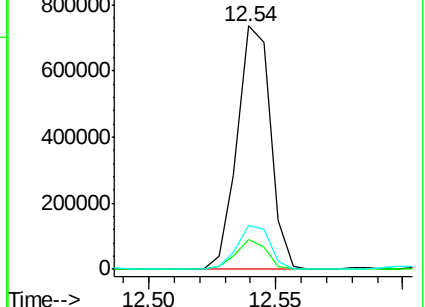
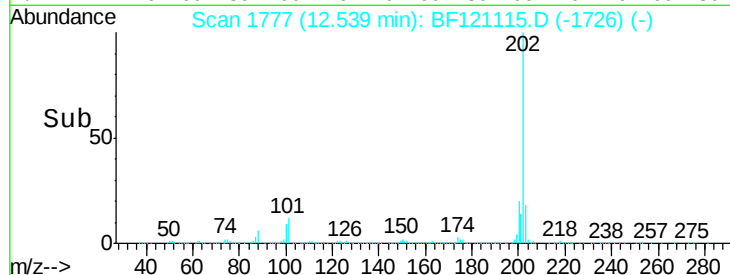
203 18.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

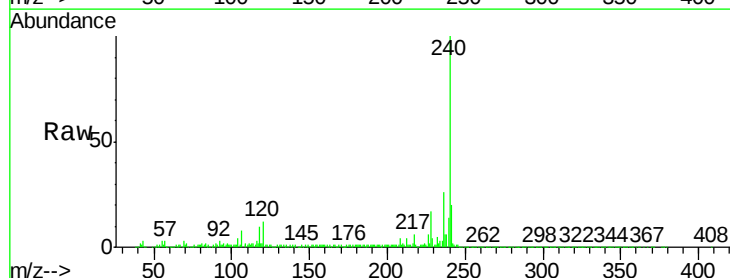
Tgt Ion:240 Resp: 390873

Ion Ratio Lower Upper

240 100

120 11.6 9.3 13.9

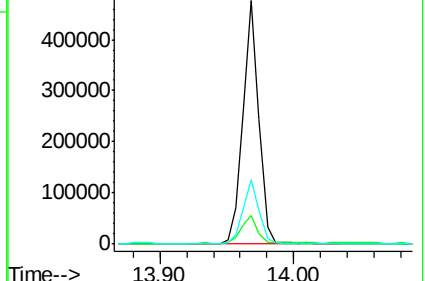
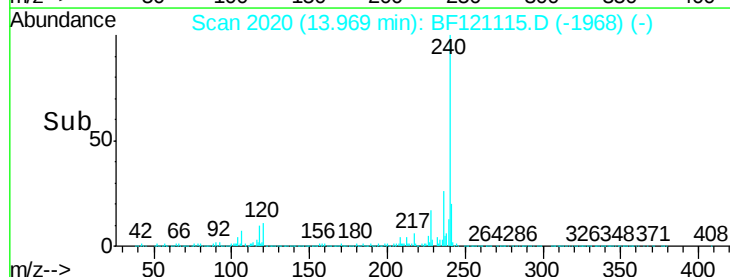
236 26.4 21.1 31.7

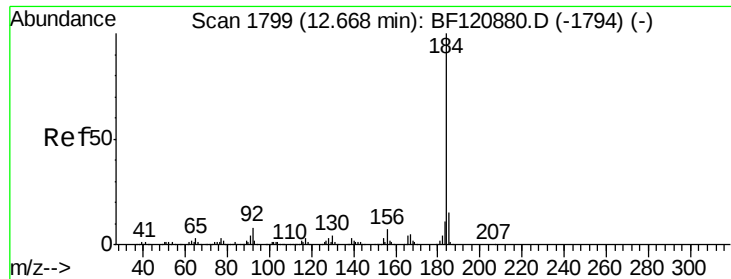


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.488 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

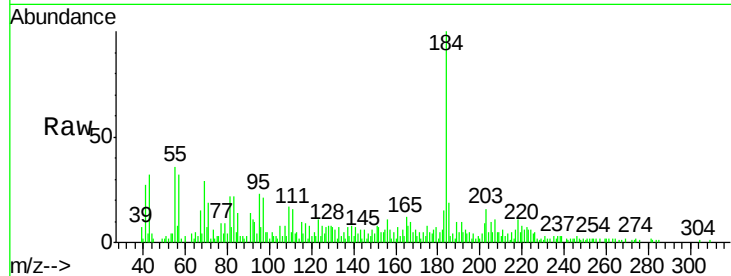
Tot Ion:184 Resp: 25567

Ion Ratio Lower Upper

184 100

185 19.0 12.1 18.1#

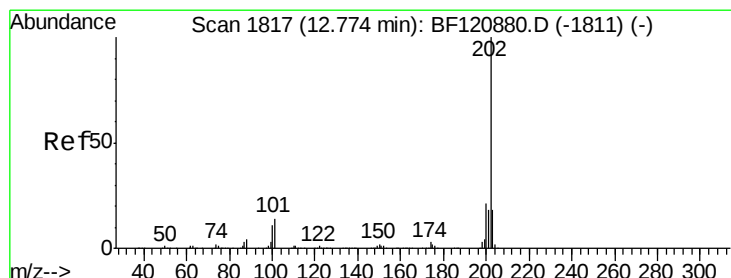
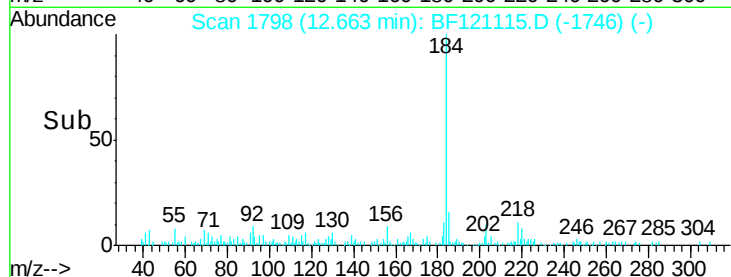
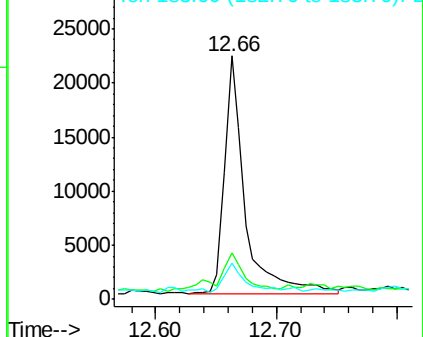
183 14.9 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 25.115 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

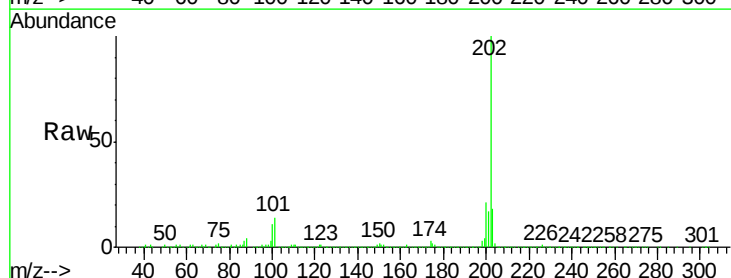
Tgt Ion:202 Resp: 694039

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

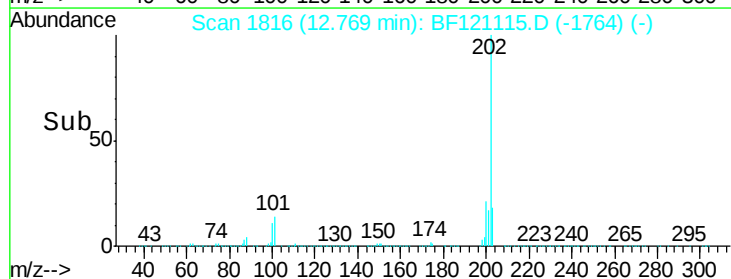
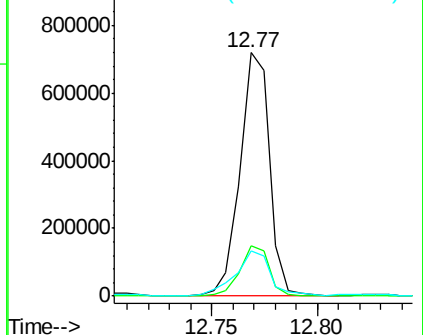
203 18.4 14.6 21.8

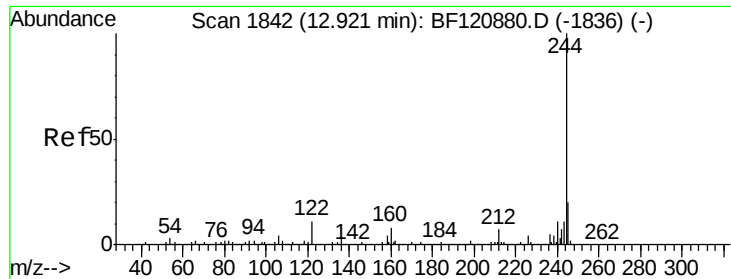


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

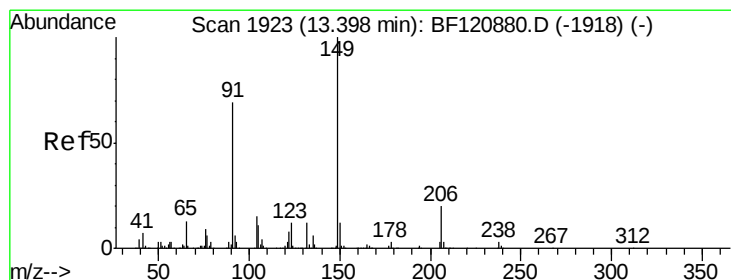
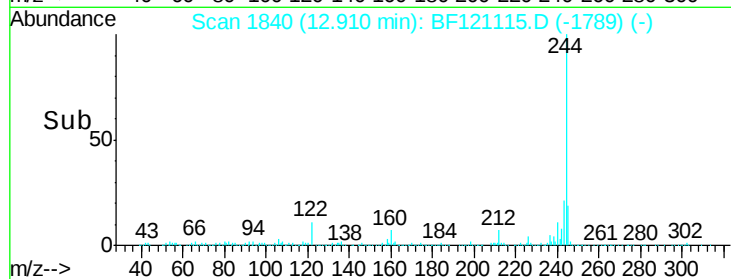
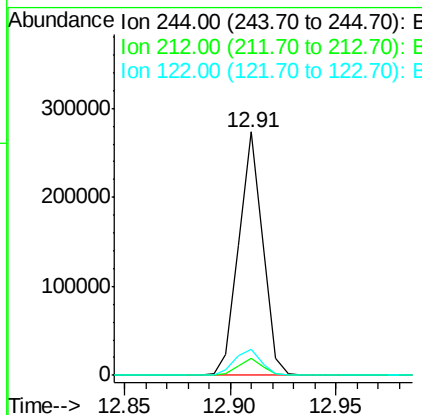
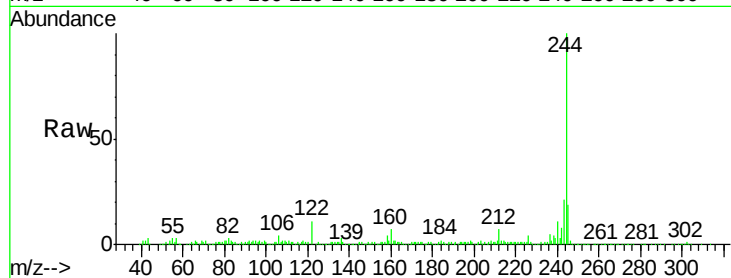




#79
 Terphenyl-d14
 Concen: 11.921 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

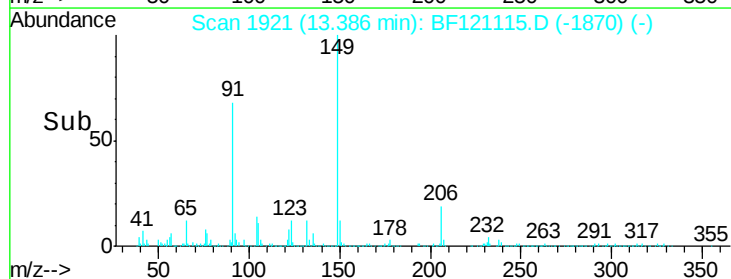
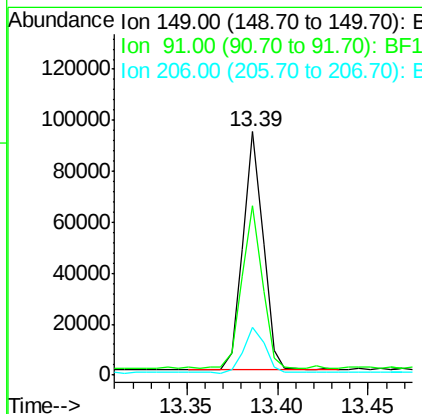
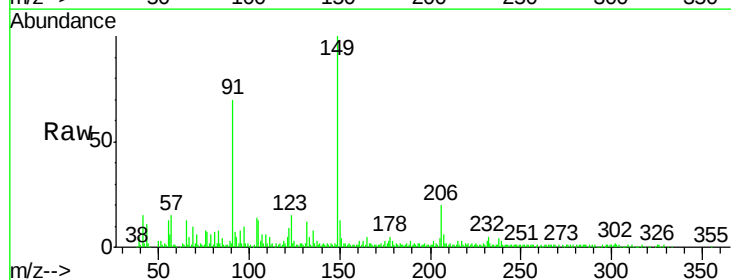
Instrument :
 BNA_F
 ClientSampleId :
 20MS

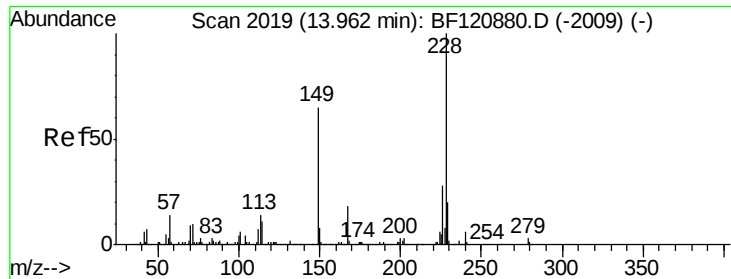
Tot Ion:244 Resp: 214360
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 5.915 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:149 Resp: 72863
 Ion Ratio Lower Upper
 149 100
 91 69.5 51.4 77.0
 206 19.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 16.540 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

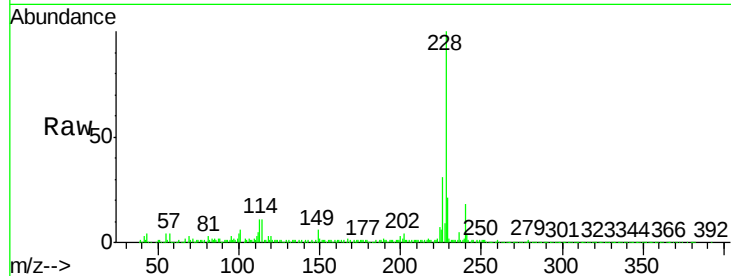
Tot Ion:228 Resp: 391481

Ion Ratio Lower Upper

228 100

226 30.8 22.6 34.0

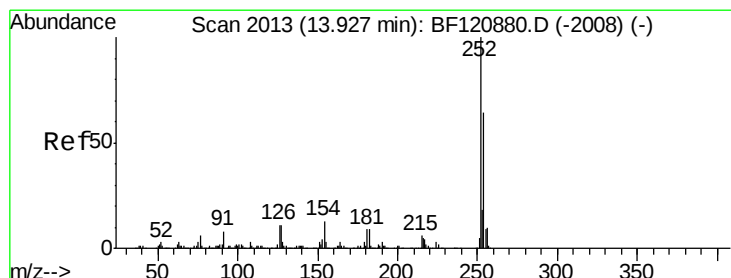
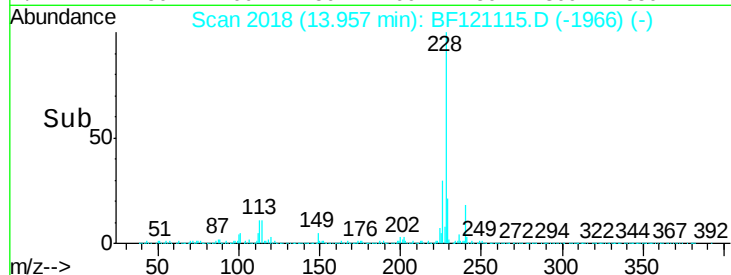
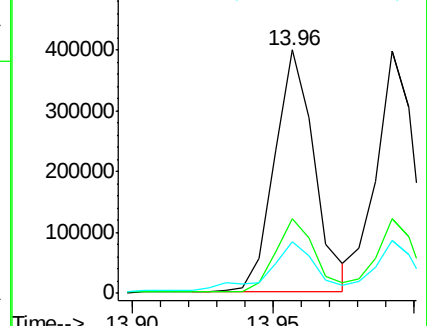
229 21.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 5.221 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

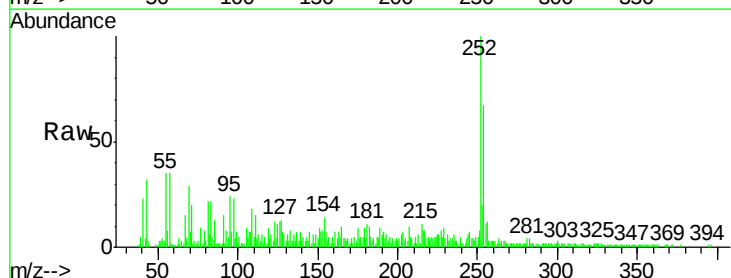
Tgt Ion:252 Resp: 46624

Ion Ratio Lower Upper

252 100

254 66.6 51.3 76.9

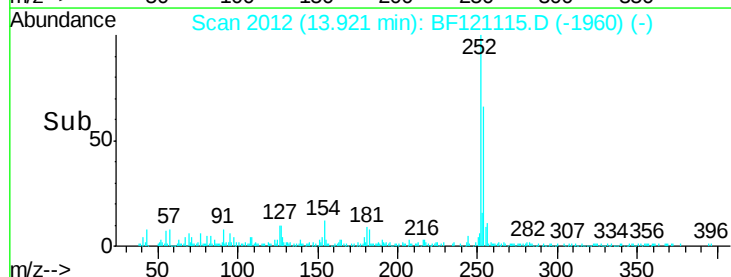
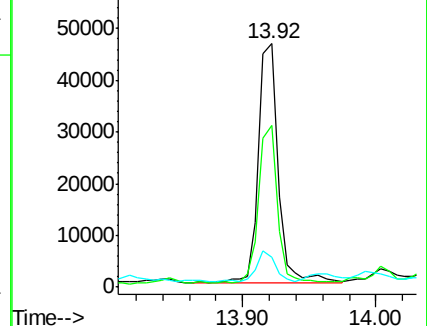
126 12.4 9.2 13.8

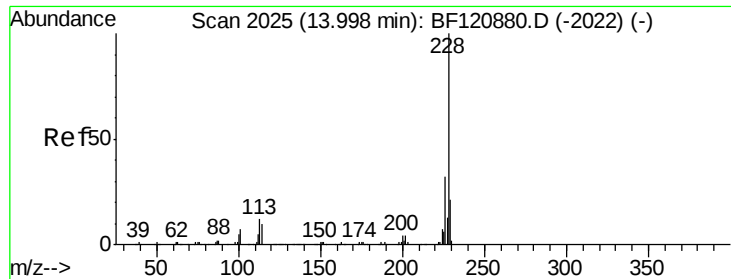


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

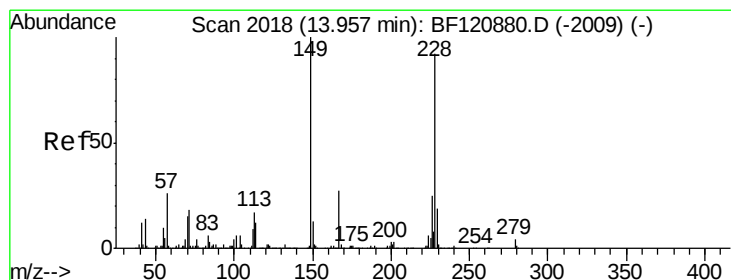
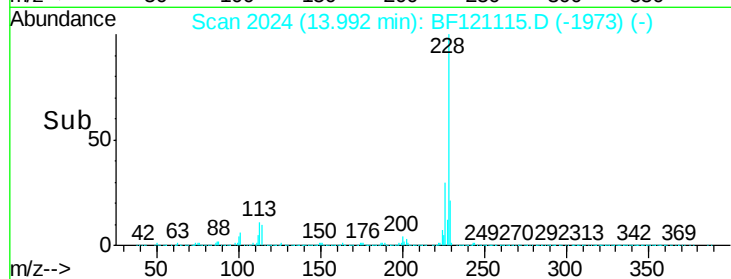
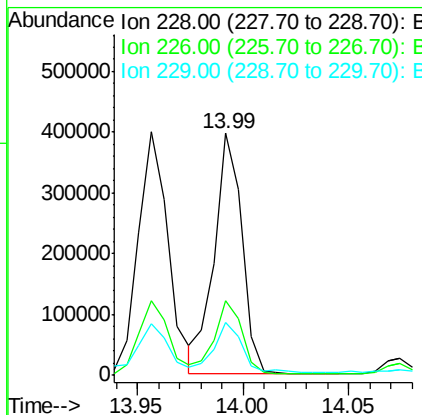
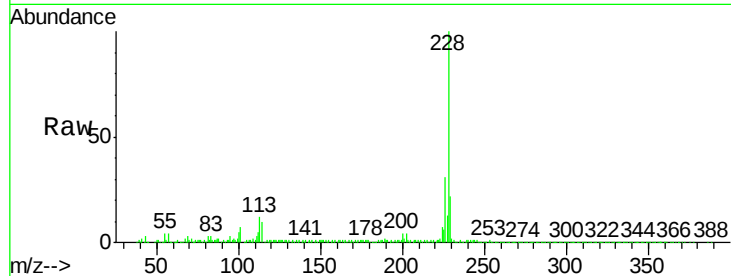




#83
Chrysene
Concen: 14.619 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

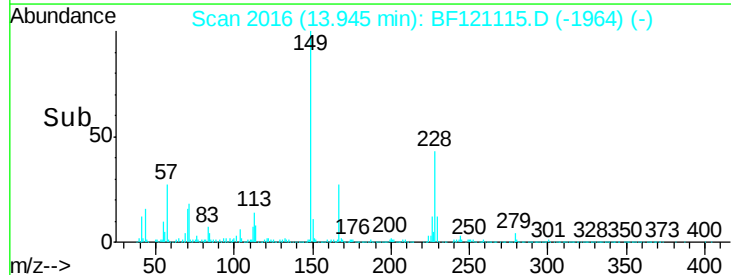
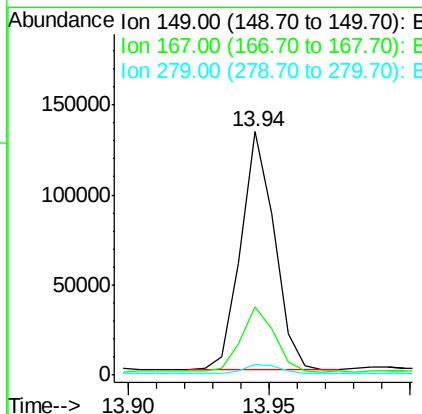
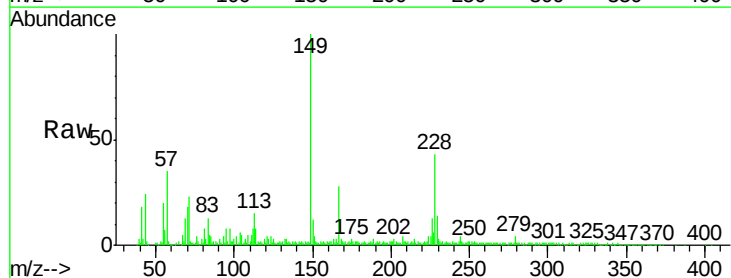
Instrument :
BNA_F
ClientSampleId :
20MS

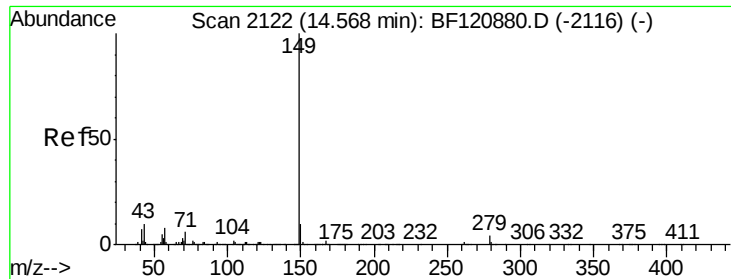
Tot Ion:228 Resp: 363638
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 22.0 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.181 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:149 Resp: 109082
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.6
279 4.1 2.9 4.3

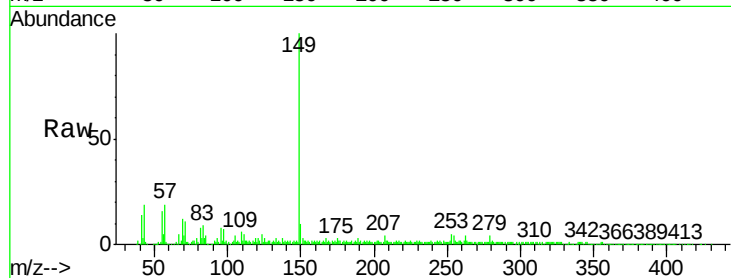




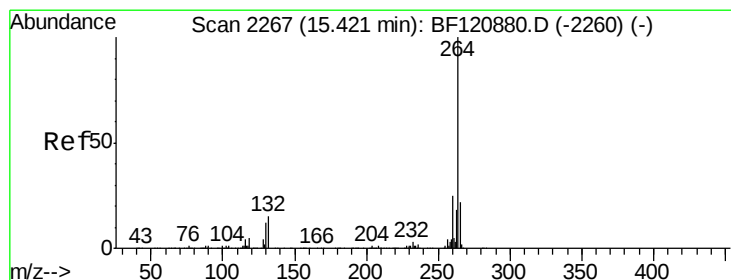
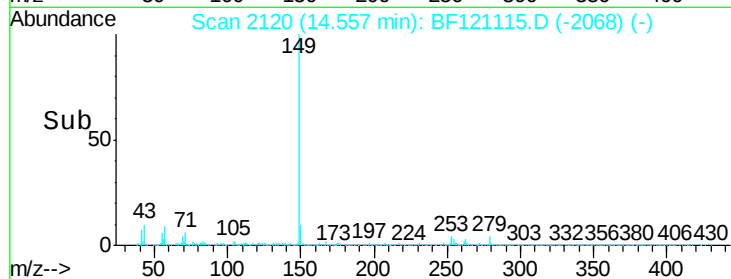
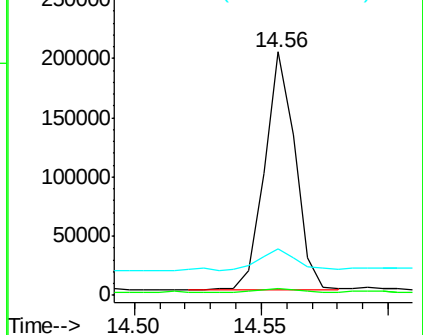
#85
Di-n-octyl phthalate
Concen: 5.614 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.3	1.3	1.9#
43	12.2	7.5	11.3#

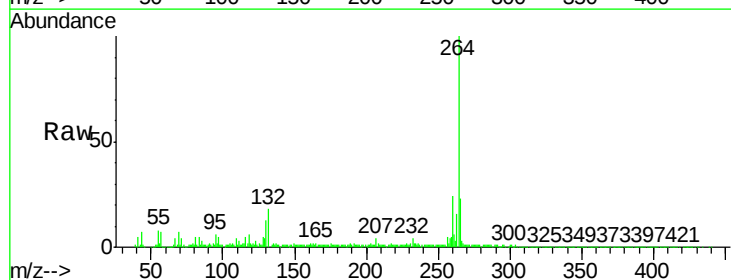


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

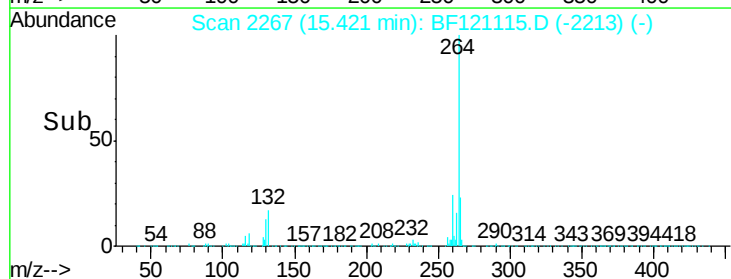
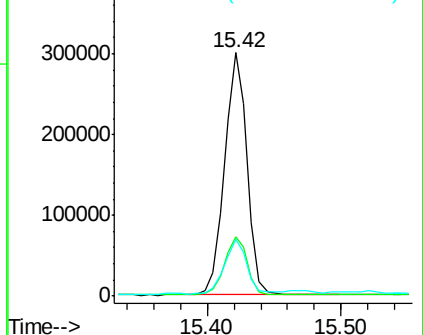


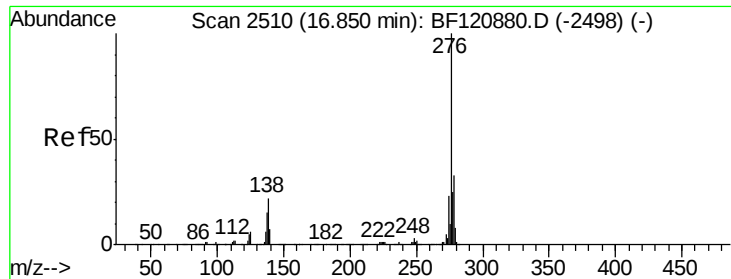
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	23.3	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.306 ng

RT: 16.86 min Scan# 2511

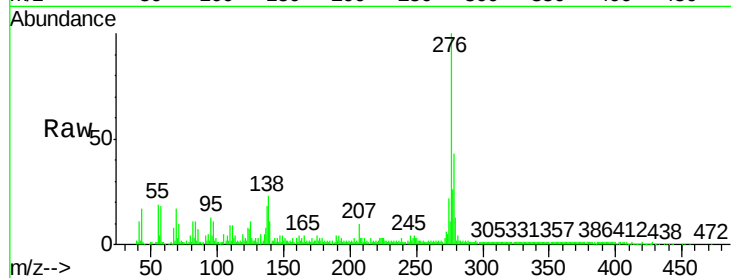
Delta R.T. 0.02 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.3	28.9
277	26.2	20.1	30.1

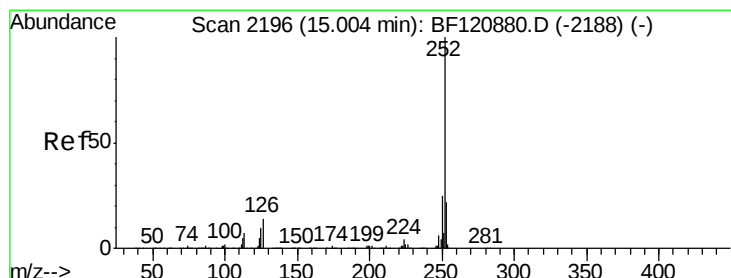
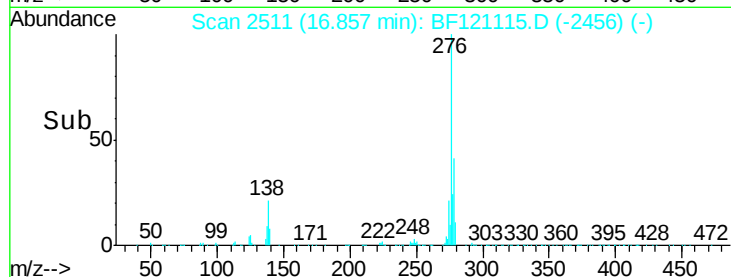
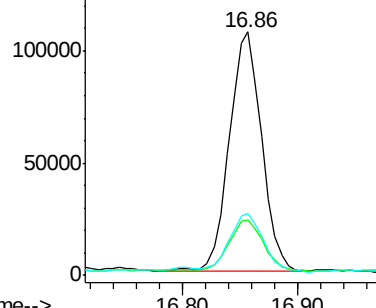


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 16.991 ng

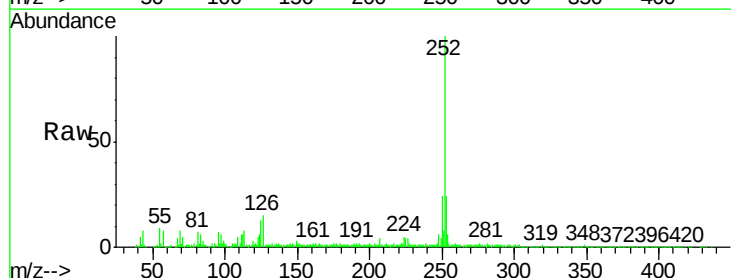
RT: 15.00 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.4	8.1	12.1

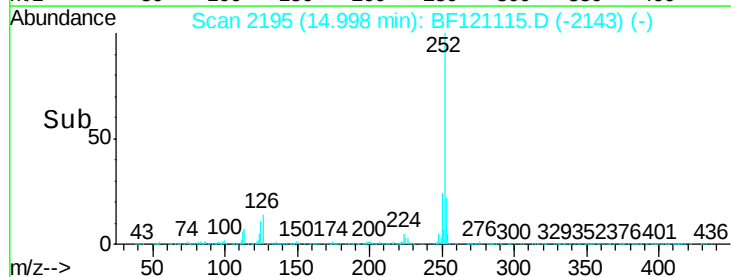
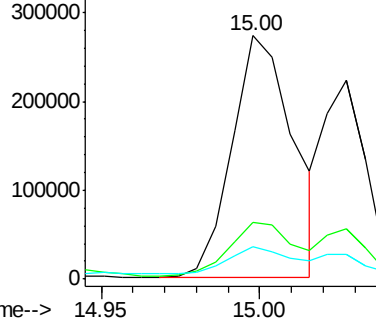


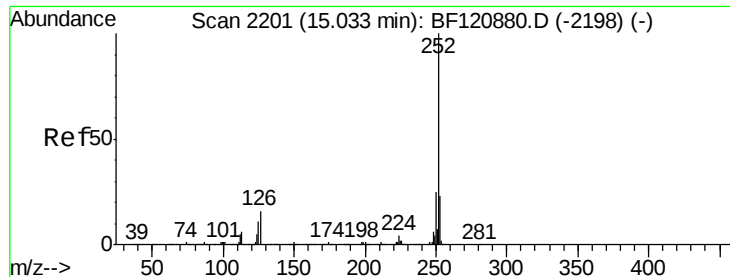
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

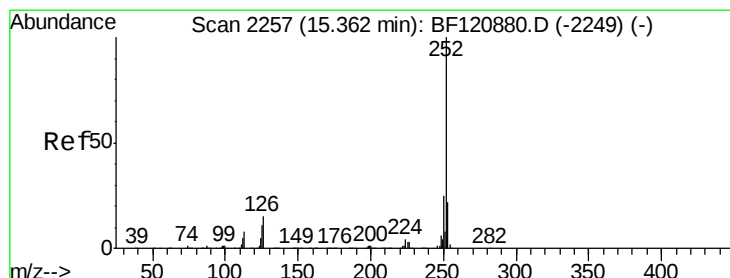
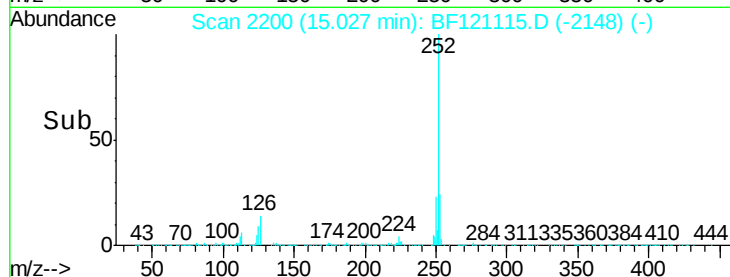
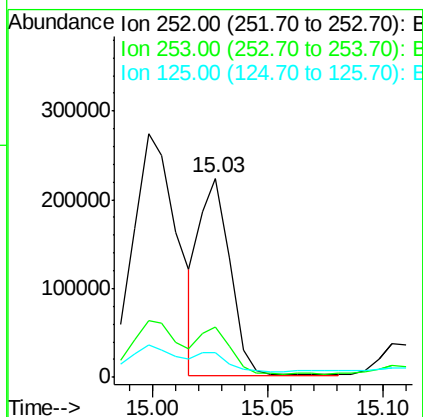
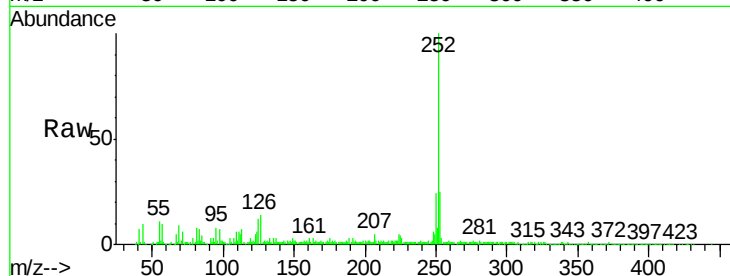




#89
Benzo(k)fluoranthene
Concen: 10.445 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

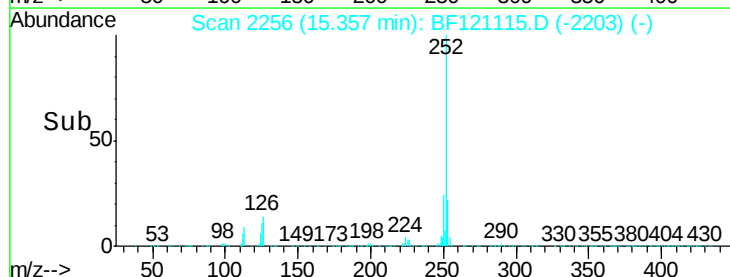
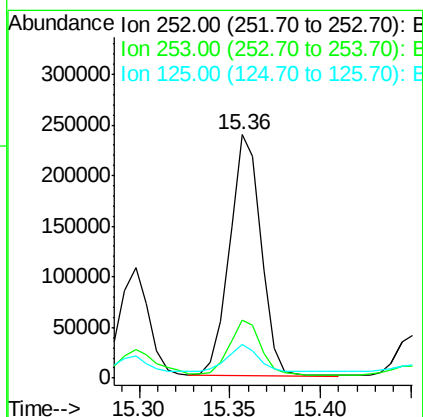
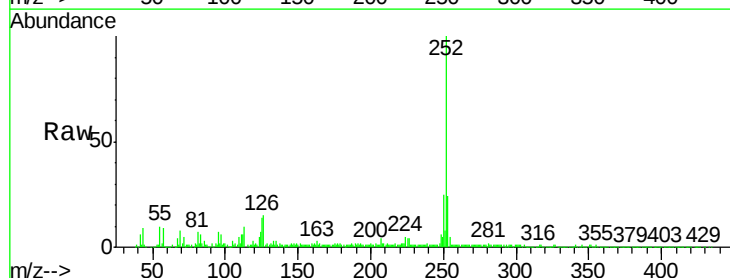
Instrument :
BNA_F
ClientSampleId :
20MS

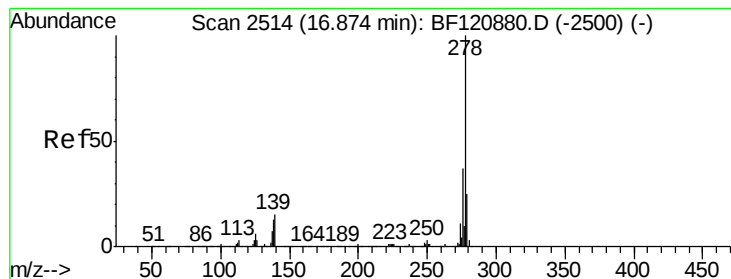
Tot Ion:252 Resp: 205040
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 12.3 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 14.560 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:252 Resp: 285940
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 13.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 6.014 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.02 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampleId :

20MS

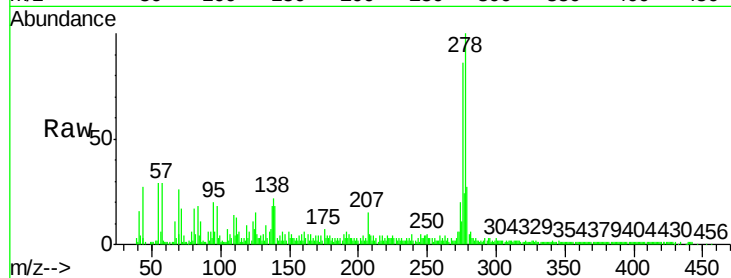
Tot Ion:278 Resp: 121674

Ion Ratio Lower Upper

278 100

139 17.6 12.6 18.8

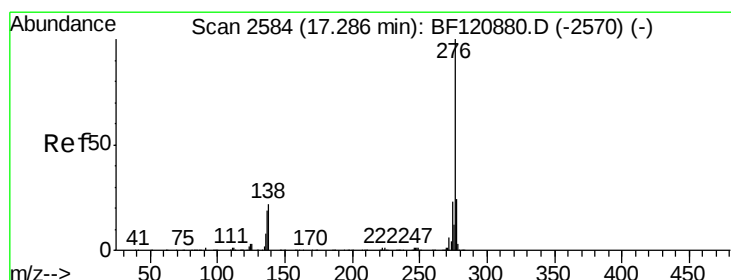
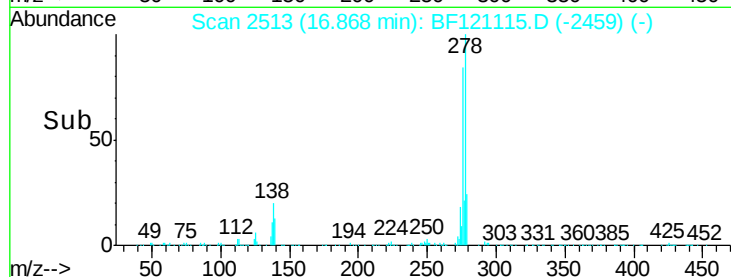
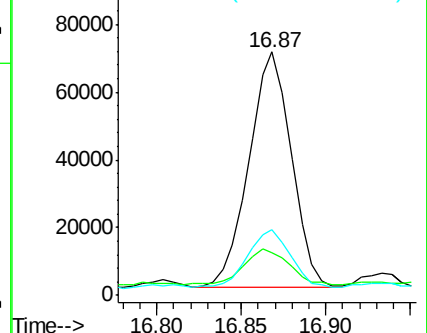
279 27.1 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.024 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

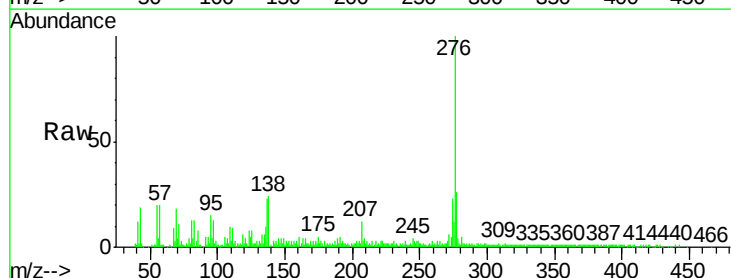
Tgt Ion:276 Resp: 179994

Ion Ratio Lower Upper

276 100

277 25.6 19.4 29.0

138 24.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

