

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121290.D
 Acq On : 14 Aug 2020 17:46
 Operator : JU/CG
 Sample : PB130964BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Quant Time: Aug 14 18:14:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	67303	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	266433	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	141954	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	288312	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	264486	20.00	ng	-0.01
86) Perylene-d12	15.27	264	310930	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	478887	107.87	ng	0.00
7) Phenol-d6	6.35	99	571750	99.94	ng	-0.01
23) Nitrobenzene-d5	7.27	82	363826	74.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	187769	107.44	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	729434	71.08	ng	-0.01
79) Terphenyl-d14	12.81	244	875518	64.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	68606	36.315	ng	98
3) Pyridine	3.00	79	154676	31.452	ng	96
4) n-Nitrosodimethylamine	2.94	42	88809	44.094	ng	97
6) Aniline	6.36	93	253588	37.394	ng	99
8) 2-Chlorophenol	6.49	128	203108	41.607	ng	99
9) Benzaldehyde	6.25	77	124676	42.291	ng	99
10) Phenol	6.36	94	258351	41.631	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	190916	42.620	ng	96
12) 1,3-Dichlorobenzene	6.65	146	207886	40.304	ng	99
13) 1,4-Dichlorobenzene	6.72	146	209769	40.237	ng	99
14) 1,2-Dichlorobenzene	6.87	146	201142	40.880	ng	100
15) Benzyl Alcohol	6.85	79	159729	41.682	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	267079	41.406	ng	98
17) 2-Methylphenol	6.97	107	165984	43.046	ng	98
18) Hexachloroethane	7.22	117	76667	41.585	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	128281	40.359	ng	97
20) 3+4-Methylphenols	7.12	107	200840	41.053	ng	# 84
22) Acetophenone	7.12	105	266629	38.854	ng	# 98
24) Nitrobenzene	7.29	77	204940	38.743	ng	94
25) Isophorone	7.53	82	372804	38.089	ng	96
26) 2-Nitrophenol	7.61	139	106315	41.481	ng	98
27) 2,4-Dimethylphenol	7.65	122	178387	43.440	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	238835	43.626	ng	100
29) 2,4-Dichlorophenol	7.85	162	166631	39.680	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	178570	38.528	ng	99
31) Naphthalene	8.01	128	572465	38.191	ng	100
32) Benzoic acid	7.76	122	66312	32.167	ng	97
33) 4-Chloroaniline	8.06	127	209059	34.176	ng	100
34) Hexachlorobutadiene	8.13	225	103697	36.978	ng	98
35) Caprolactam	8.42	113	31835	25.169	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	176101	41.103	ng	97
37) 2-Methylnaphthalene	8.70	142	383955	38.926	ng	99
38) 1-Methylnaphthalene	8.80	142	368384	39.444	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	182135	38.292	ng	99

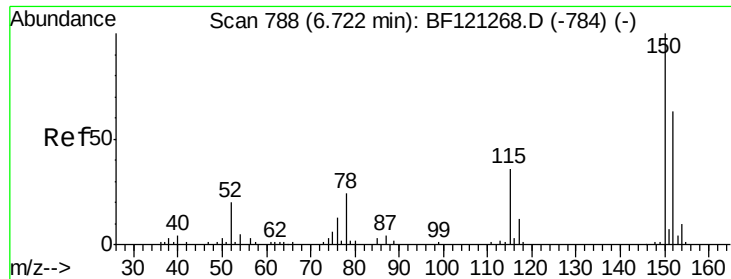
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121290.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	159800	78.274	ng	100
43) 2,4,6-Trichlorophenol	8.99	196	119797	39.602	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	131244	39.945	ng	96
46) 1,1'-Biphenyl	9.17	154	476065	38.813	ng	98
47) 2-Chloronaphthalene	9.19	162	364313	38.585	ng	100
48) 2-Nitroaniline	9.29	65	110657	41.695	ng	98
49) Acenaphthylene	9.60	152	590280	39.361	ng	99
50) Dimethylphthalate	9.47	163	435507	40.771	ng	99
51) 2,6-Dinitrotoluene	9.53	165	96946	40.714	ng	94
52) Acenaphthene	9.77	154	340313	38.328	ng	100
53) 3-Nitroaniline	9.70	138	88688	32.621	ng	99
54) 2,4-Dinitrophenol	9.81	184	79658	65.994	ng	# 81
55) Dibenzofuran	9.95	168	533327	37.719	ng	98
56) 4-Nitrophenol	9.87	139	163354	93.104	ng	93
57) 2,4-Dinitrotoluene	9.94	165	131248	42.001	ng	98
58) Fluorene	10.29	166	406474	37.977	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	112250	43.209	ng	99
60) Diethylphthalate	10.17	149	444494	40.921	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	199948	38.410	ng	98
62) 4-Nitroaniline	10.31	138	117154	42.979	ng	97
63) Azobenzene	10.45	77	423973	39.064	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	66442	38.533	ng	98
66) n-Nitrosodiphenylamine	10.40	169	381429	38.583	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	130056	38.672	ng	97
68) Hexachlorobenzene	10.84	284	147689	38.511	ng	98
69) Atrazine	10.93	200	110407	37.338	ng	97
70) Pentachlorophenol	11.04	266	152357	88.498	ng	99
71) Phenanthrene	11.25	178	635496	38.529	ng	100
72) Anthracene	11.30	178	660786	39.922	ng	100
73) Carbazole	11.46	167	628080	38.800	ng	99
74) Di-n-butylphthalate	11.79	149	756044	41.378	ng	100
75) Fluoranthene	12.44	202	753043	41.002	ng	99
77) Benzidine	12.56	184	494574	71.131	ng	99
78) Pyrene	12.66	202	776793	39.440	ng	99
80) Butylbenzylphthalate	13.29	149	347315	43.171	ng	99
81) Benzo(a)anthracene	13.85	228	693772	38.674	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	220219	30.941	ng	99
83) Chrysene	13.89	228	729899	39.852	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	444507	40.086	ng	100
85) Di-n-octyl phthalate	14.46	149	887868	43.670	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	962681	41.643	ng	100
88) Benzo(b)fluoranthene	14.87	252	789521	37.897	ng	99
89) Benzo(k)fluoranthene	14.90	252	754157	38.982	ng	99
90) Benzo(a)pyrene	15.22	252	734649	39.069	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	792888	40.028	ng	99
92) Benzo(g,h,i)perylene	17.06	276	827671	42.341	ng	99

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

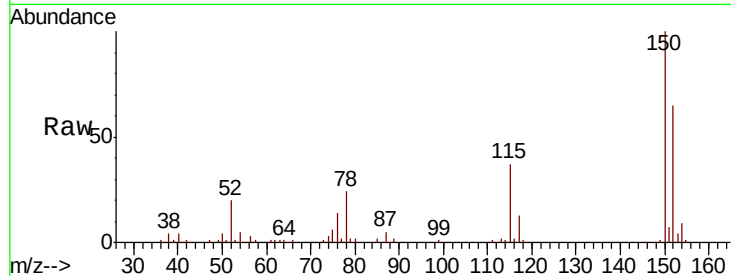


#1

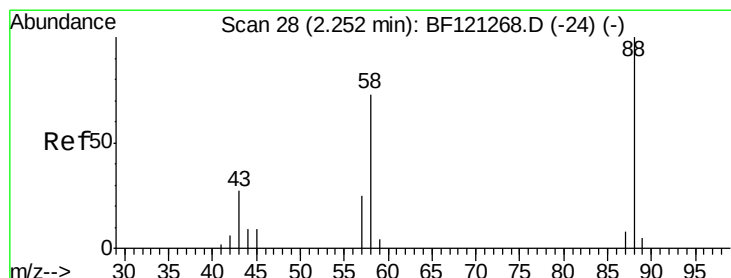
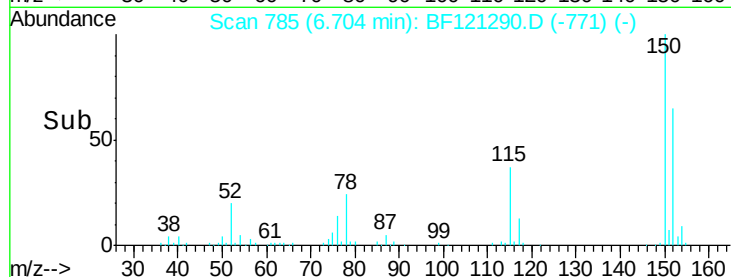
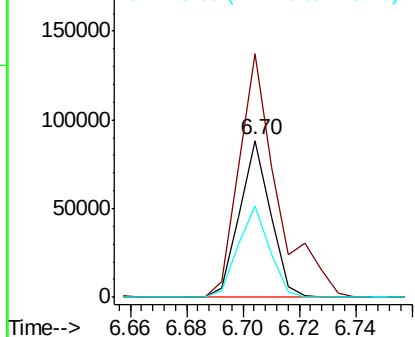
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Instrument :
BNA_F
ClientSampleId :
PB130964BS

Tot Ion:152 Resp: 67303
Ion Ratio Lower Upper
152 100
150 155.0 129.0 193.6
115 58.0 49.0 73.4



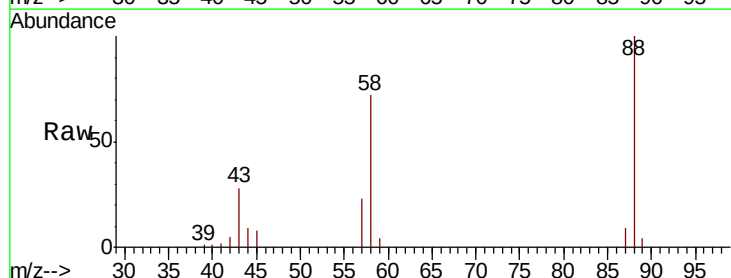
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



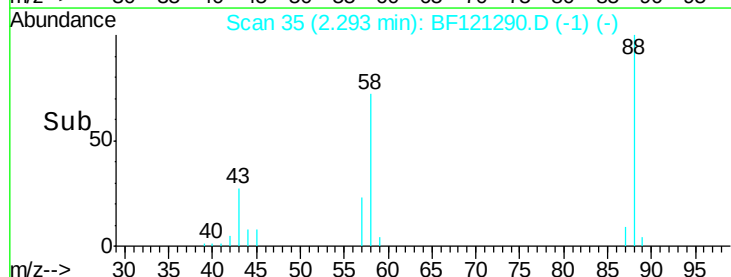
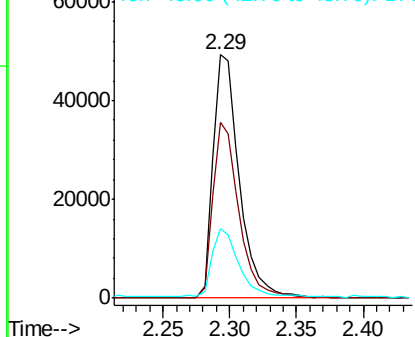
#2

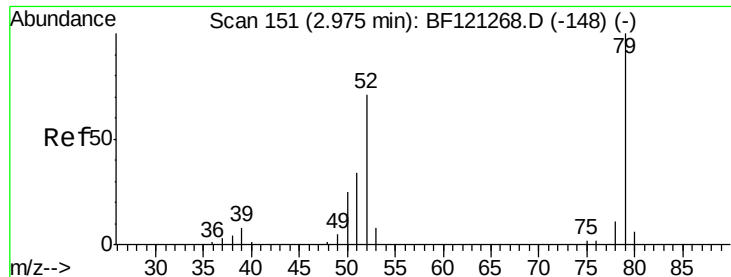
1,4-Dioxane
Concen: 36.315 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.04 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion: 88 Resp: 68606
Ion Ratio Lower Upper
88 100
58 71.3 58.6 87.8
43 28.7 21.8 32.8



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

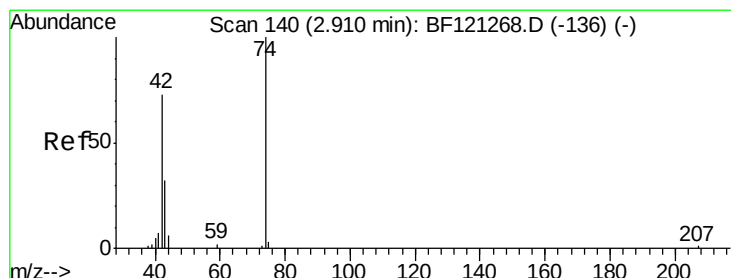
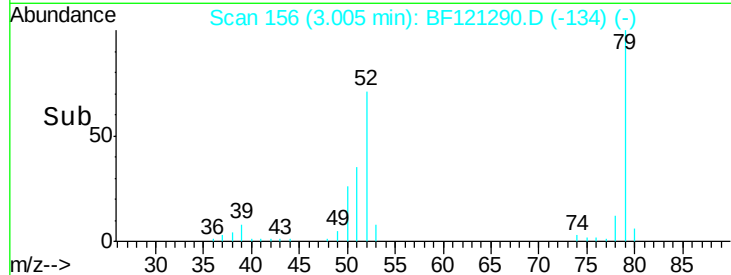
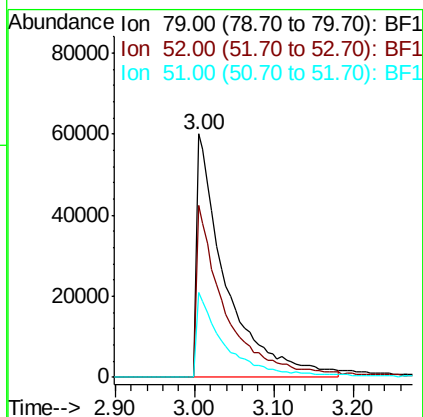
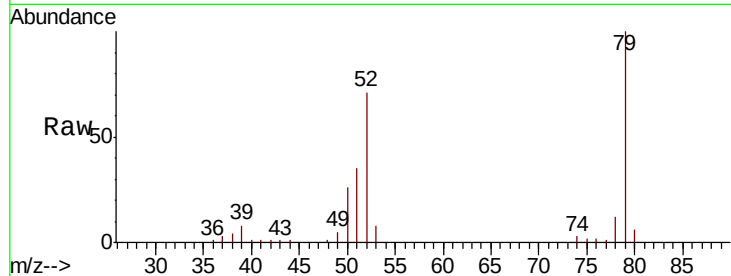




#3
 Pvridine
 Concen: 31.452 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

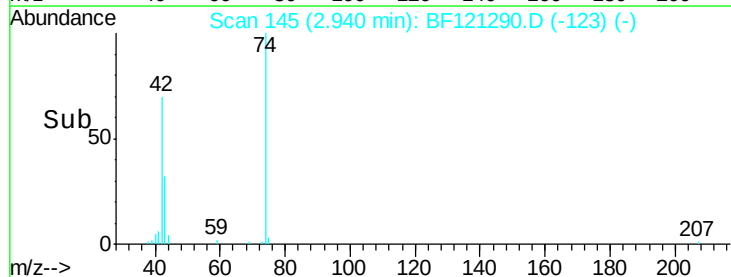
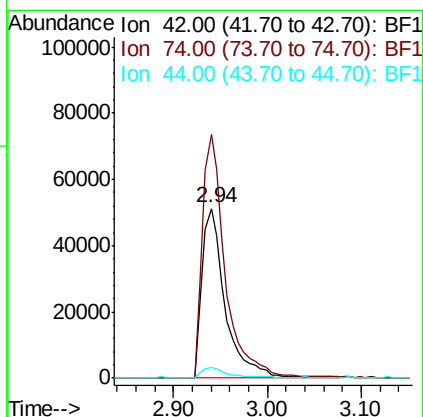
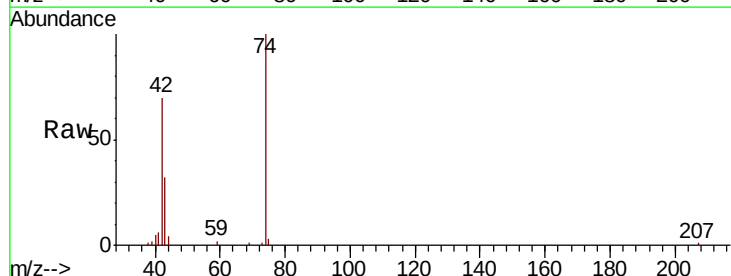
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

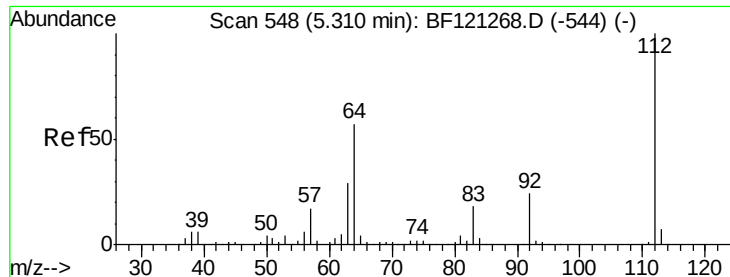
Tot Ion: 79 Resp: 154676
 Ion Ratio Lower Upper
 79 100
 52 70.7 53.8 80.8
 51 35.1 26.0 39.0



#4
 n-Nitrosodimethylamine
 Concen: 44.094 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.03 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion: 42 Resp: 88809
 Ion Ratio Lower Upper
 42 100
 74 143.2 111.8 167.8
 44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 107.874 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

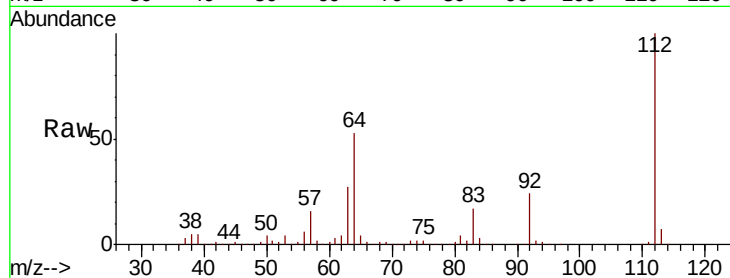
Tot Ion:112 Resp: 478887

Ion Ratio Lower Upper

112 100

64 53.5 45.4 68.2

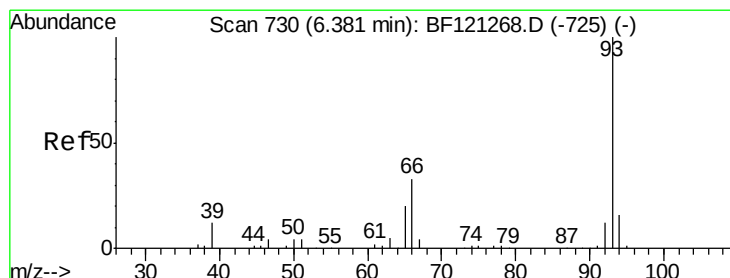
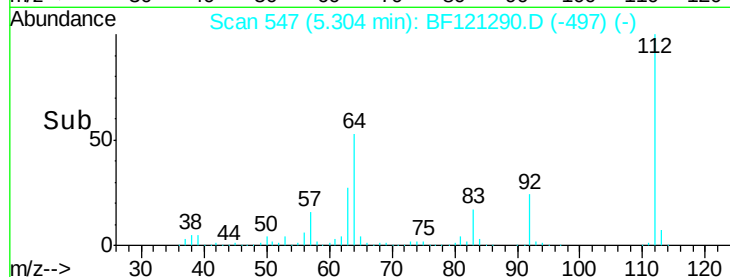
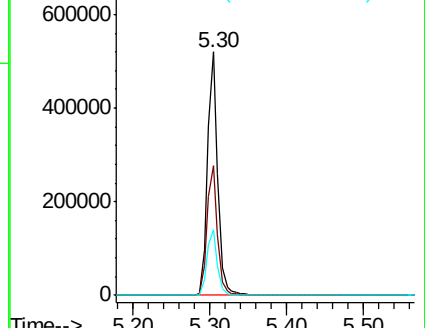
63 27.1 23.0 34.6



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: 37.394 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

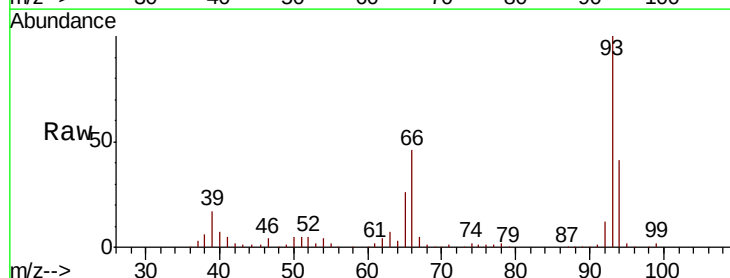
Tgt Ion: 93 Resp: 253588

Ion Ratio Lower Upper

93 100

66 46.4 36.2 54.4

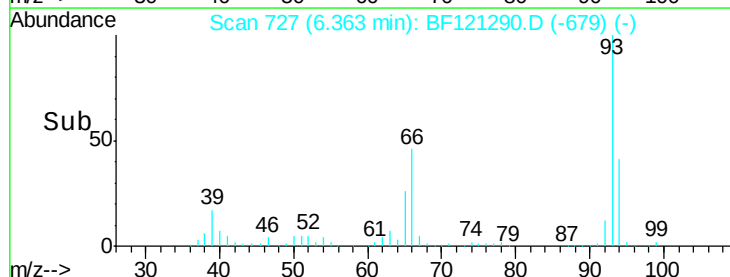
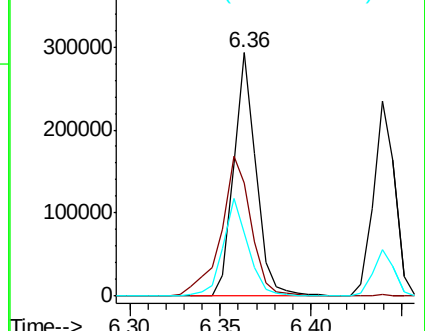
65 26.1 20.7 31.1

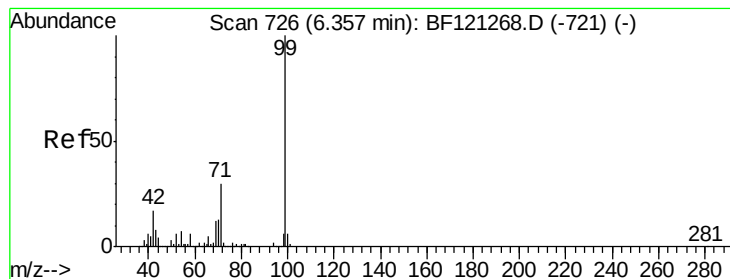


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.945 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

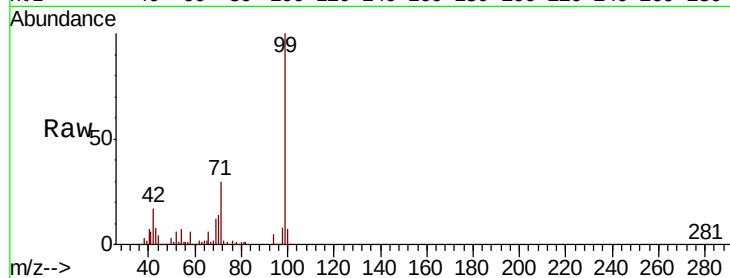
Tot Ion: 99 Resp: 571750

Ion Ratio Lower Upper

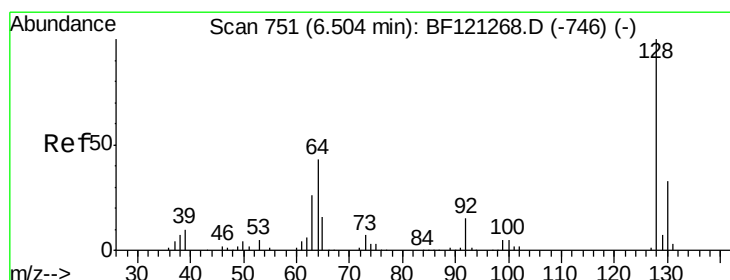
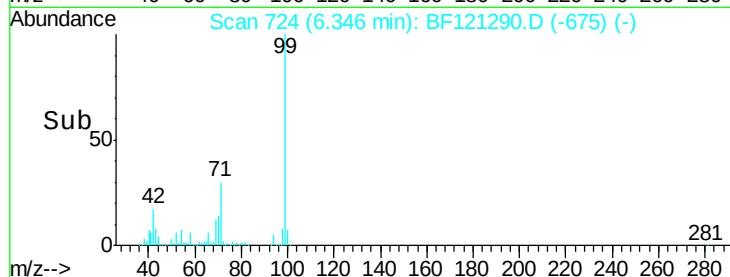
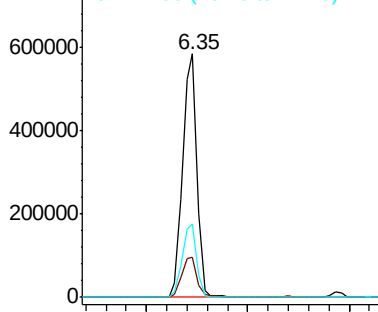
99 100

42 16.7 13.1 19.7

71 29.9 23.7 35.5



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



#8

2-Chlorophenol

Concen: 41.607 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

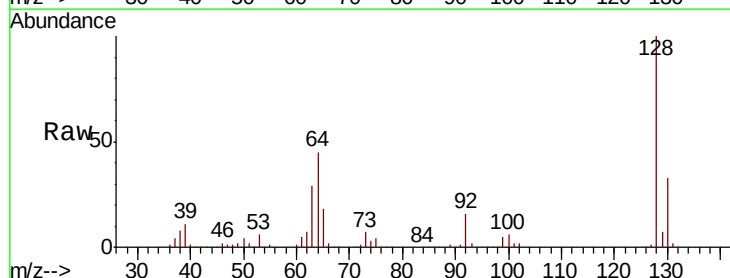
Tgt Ion: 128 Resp: 203108

Ion Ratio Lower Upper

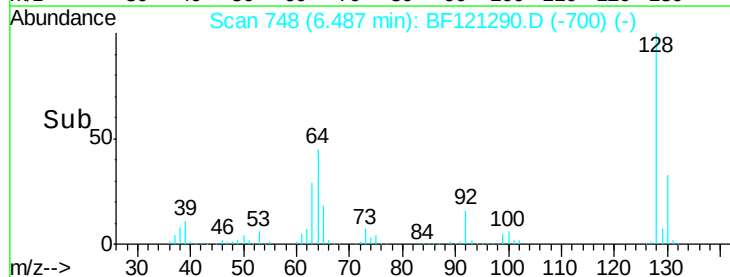
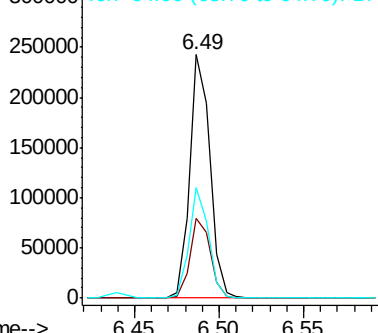
128 100

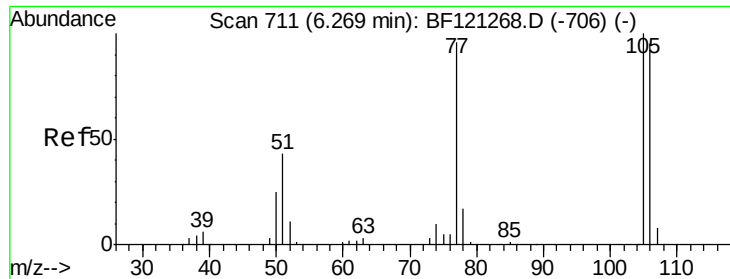
130 33.0 12.5 52.5

64 45.3 26.3 66.3



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





#9

Benzaldehyde

Concen: 42.291 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

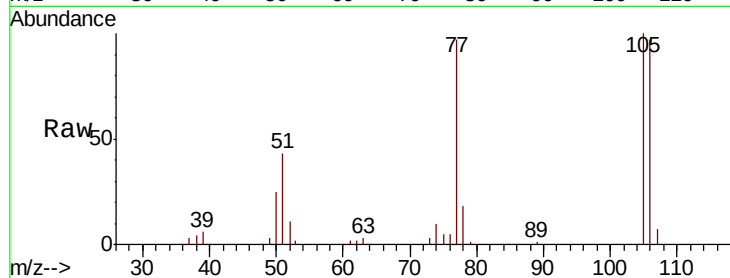
Tot Ion: 77 Resp: 124676

Ion Ratio Lower Upper

77 100

105 102.9 80.8 120.8

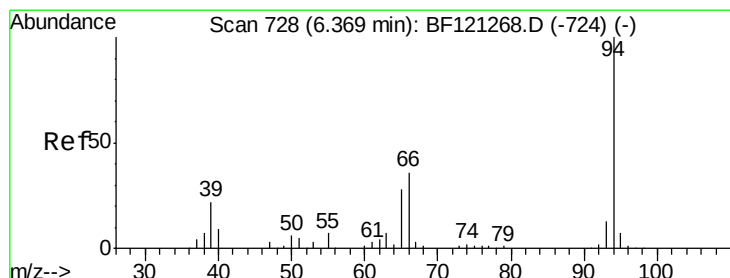
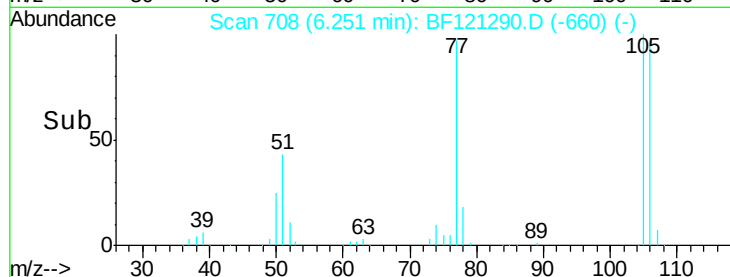
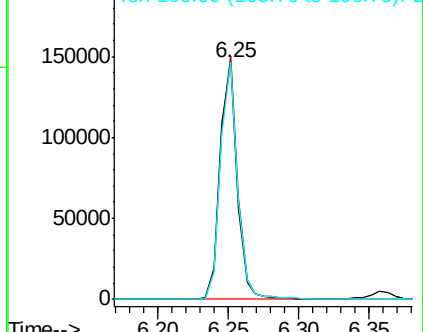
106 100.0 79.4 119.4



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: 41.631 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

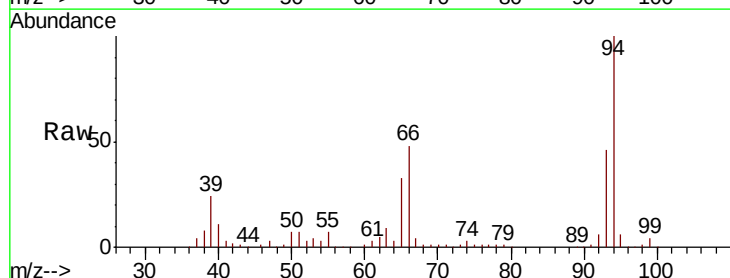
Tgt Ion: 94 Resp: 258351

Ion Ratio Lower Upper

94 100

65 33.5 13.0 53.0

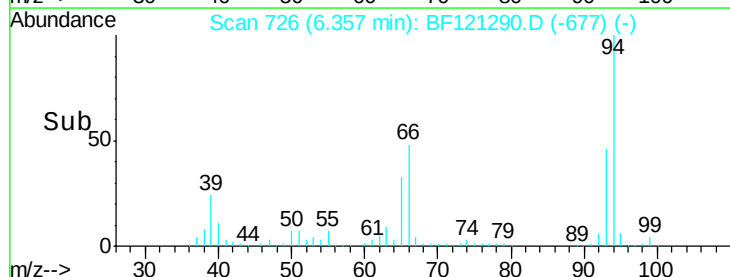
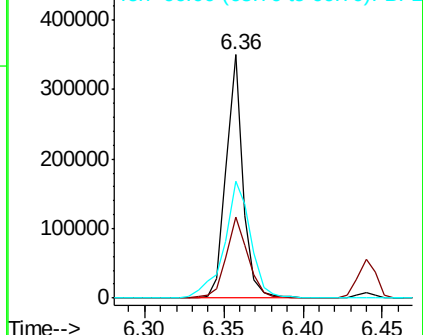
66 48.0 26.1 66.1

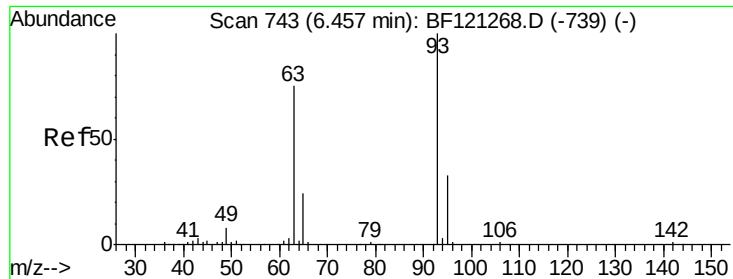


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

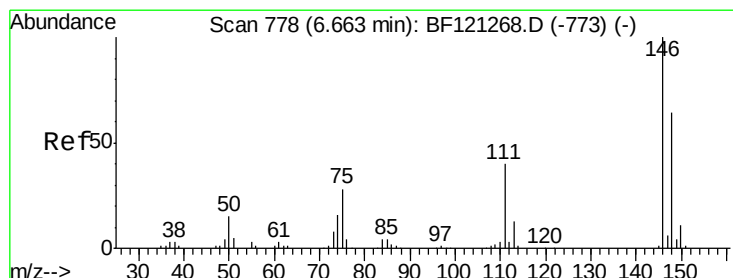
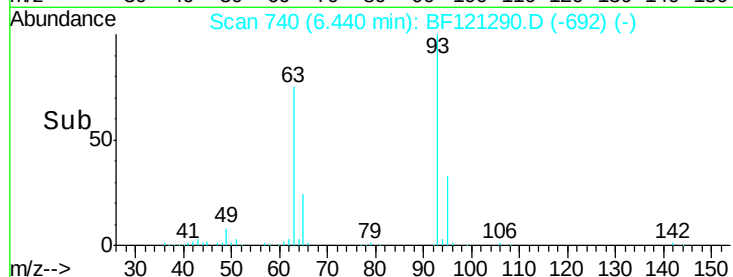
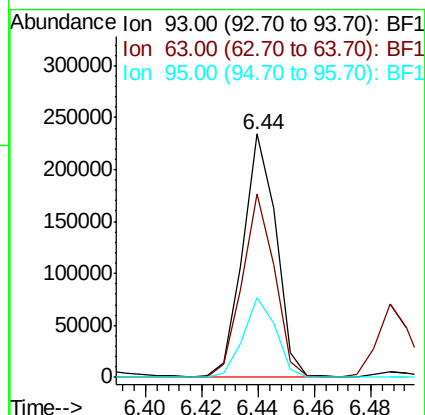
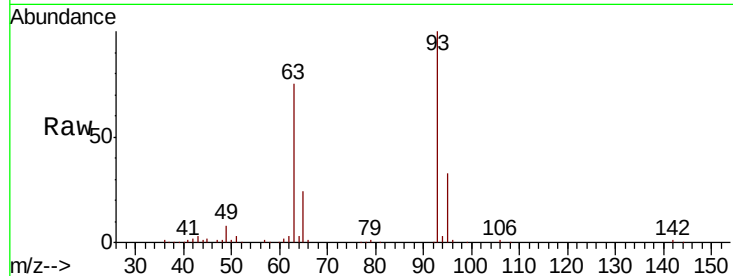




#11
bis(2-Chloroethyl)ether
Concen: 42.620 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

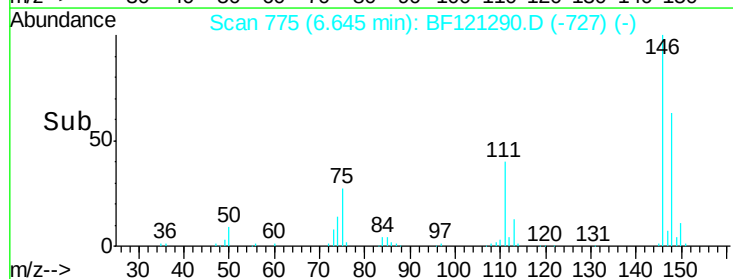
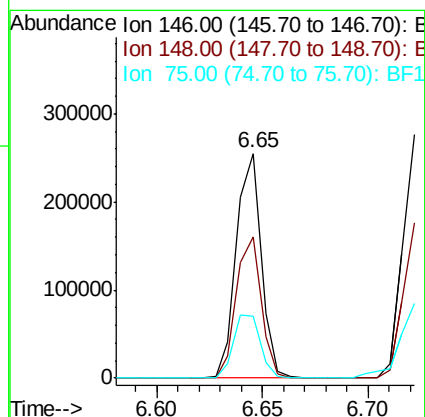
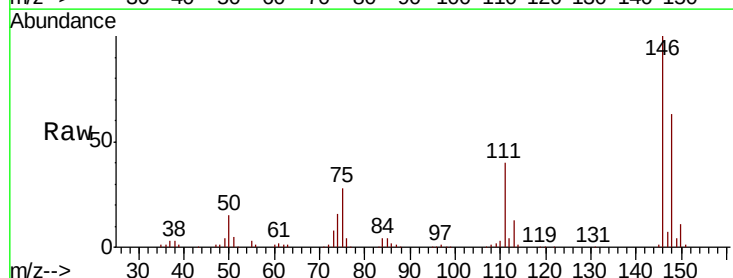
Instrument :
BNA_F
ClientSampleId :
PB130964BS

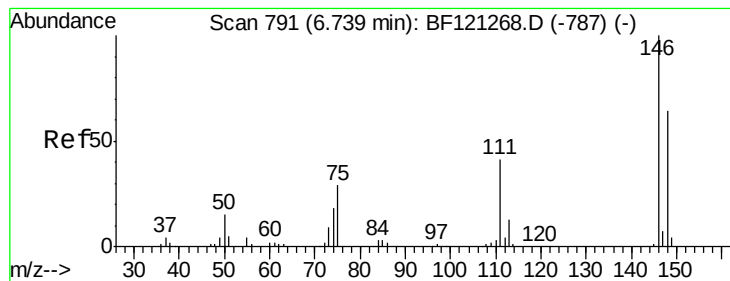
Tot Ion: 93 Resp: 190916
Ion Ratio Lower Upper
93 100
63 75.4 51.2 91.2
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.304 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion: 146 Resp: 207886
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 27.6 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 40.237 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

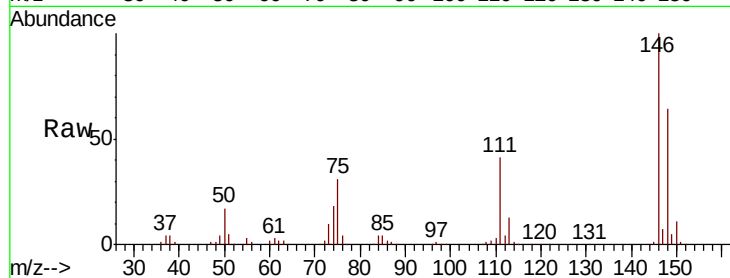
Tot Ion:146 Resp: 209769

Ion Ratio Lower Upper

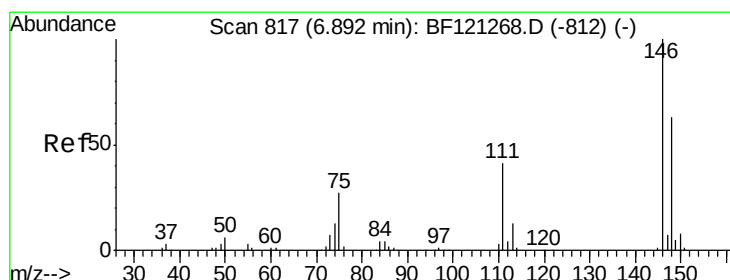
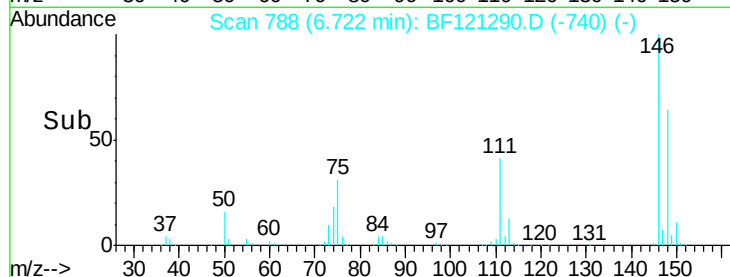
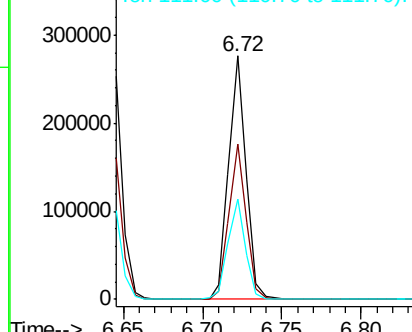
146 100

148 63.7 50.9 76.3

111 41.1 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 40.880 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

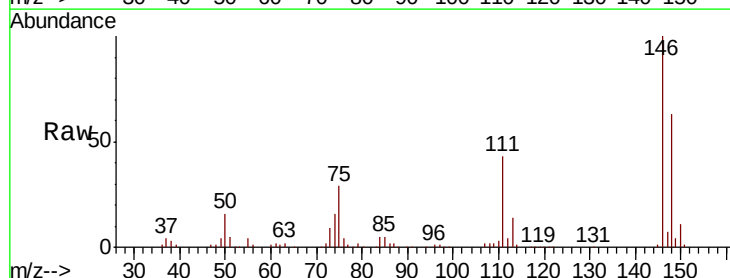
Tgt Ion:146 Resp: 201142

Ion Ratio Lower Upper

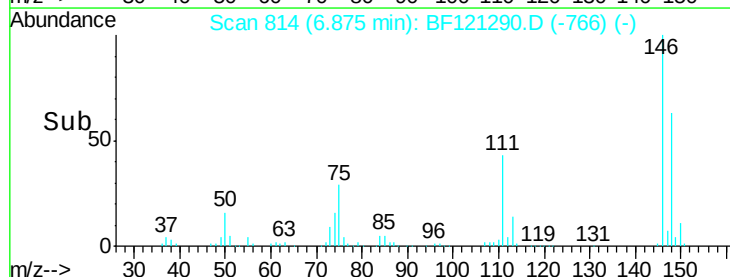
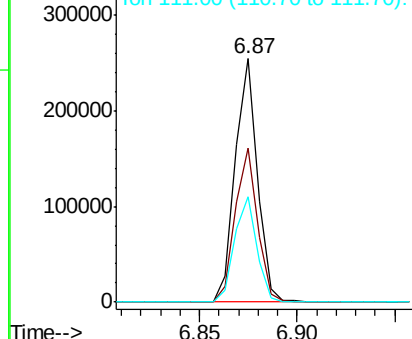
146 100

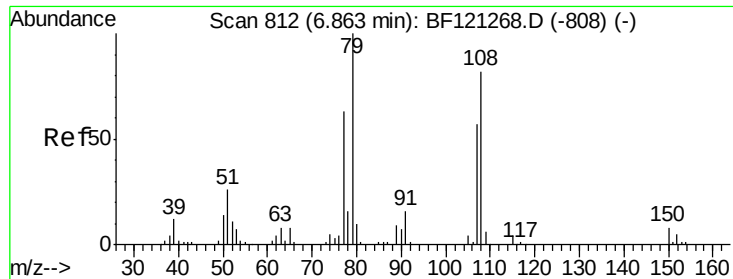
148 63.3 50.8 76.2

111 43.2 34.2 51.4



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

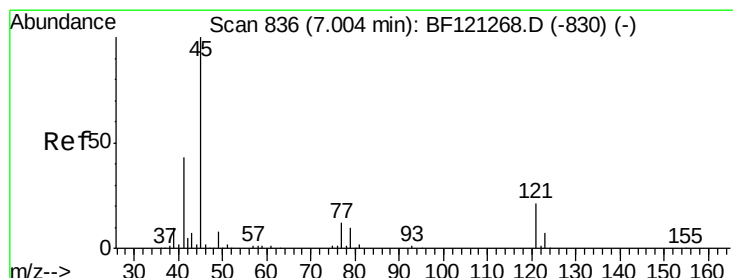
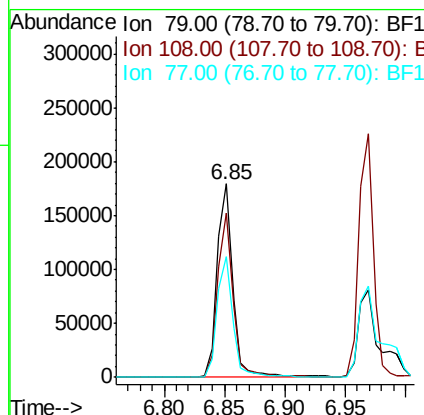
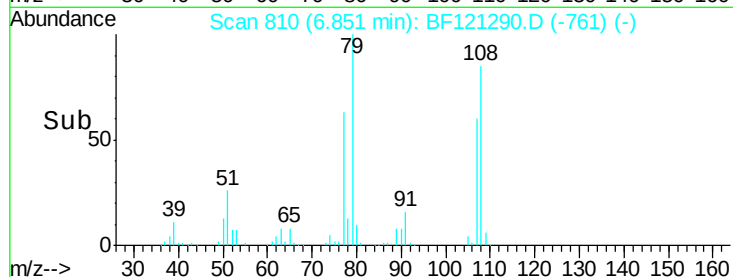
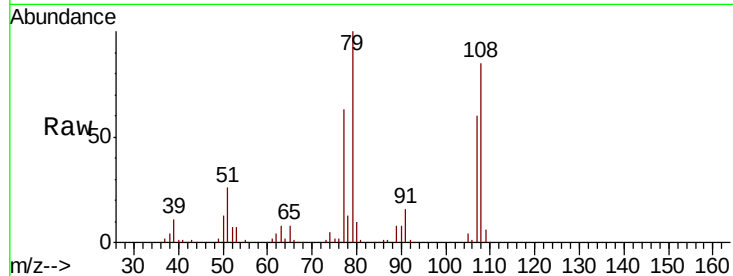




#15
Benzyl Alcohol
Concen: 41.682 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

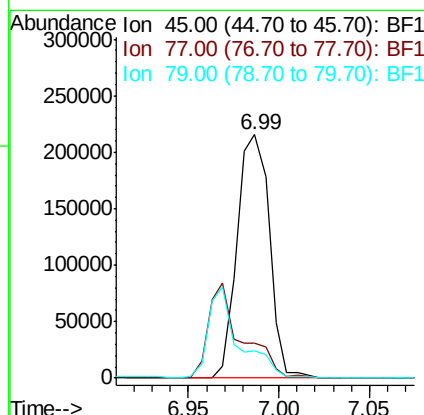
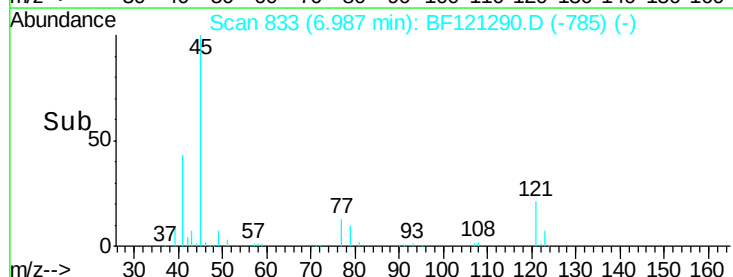
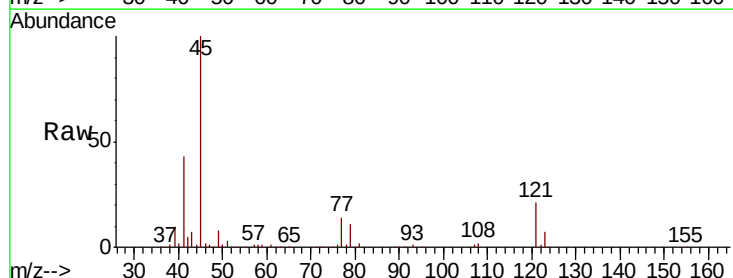
Instrument :
BNA_F
ClientSampleId :
PB130964BS

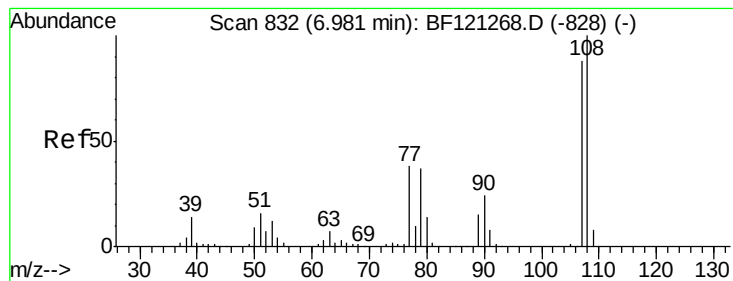
Tot Ion: 79 Resp: 159729
Ion Ratio Lower Upper
79 100
108 85.3 67.4 101.0
77 62.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.406 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion: 45 Resp: 267079
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.1
79 11.3 0.0 32.0

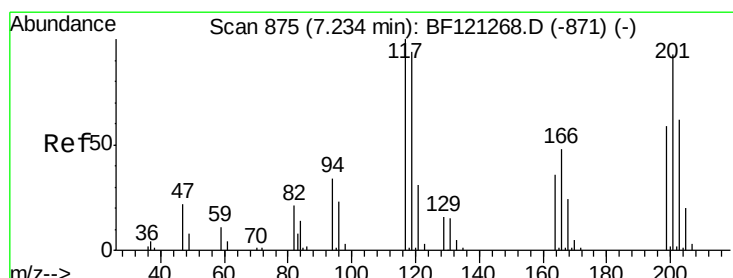
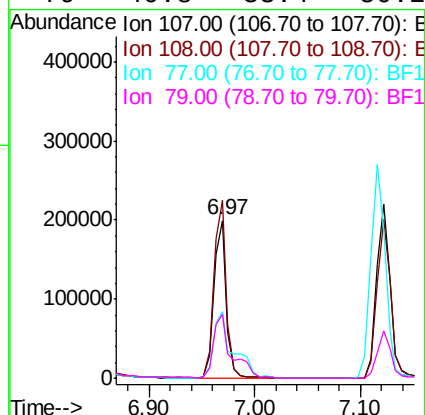
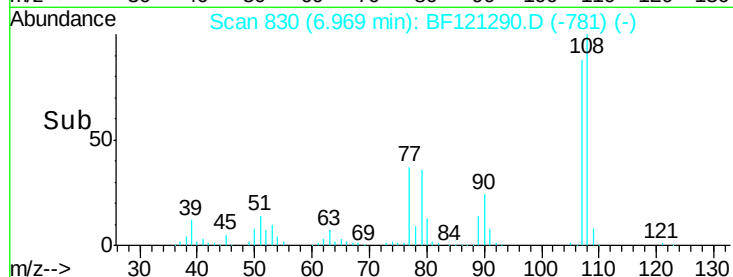
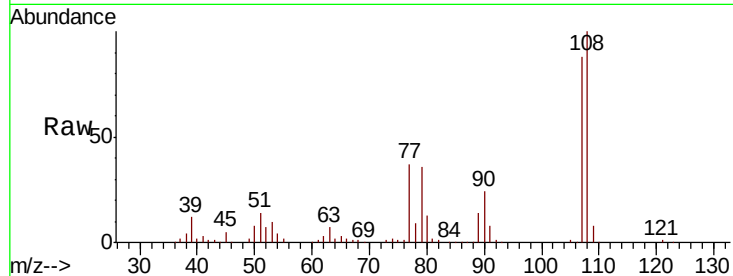




#17
2-Methylphenol
Concen: 43.046 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

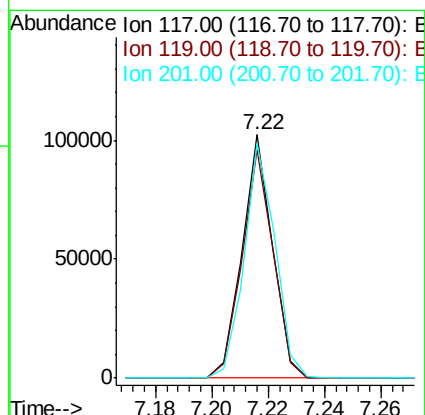
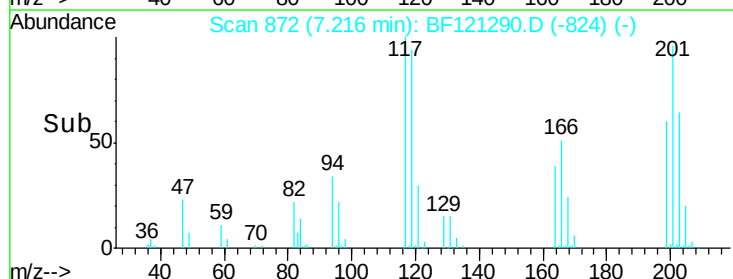
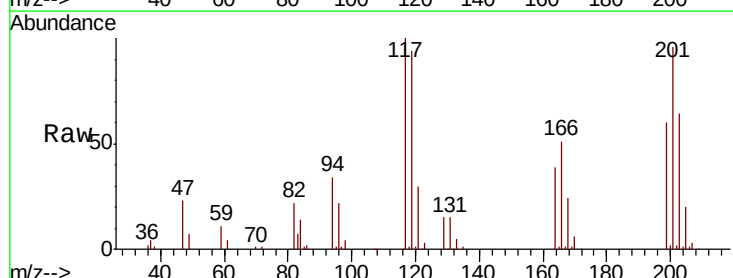
Instrument :
BNA_F
ClientSampleId :
PB130964BS

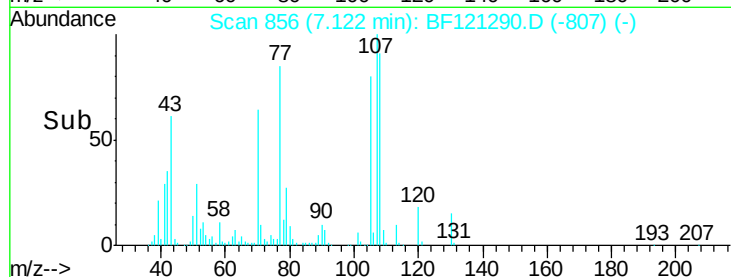
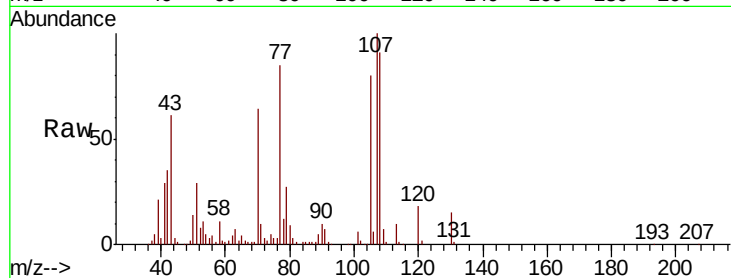
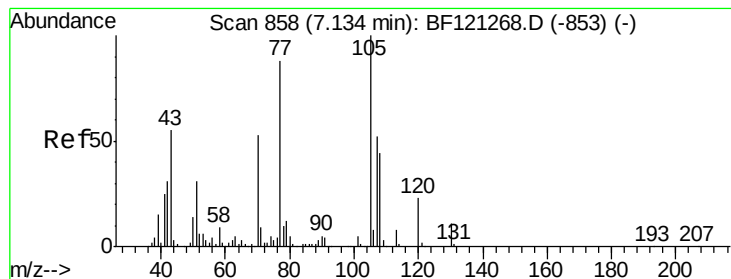
Tot Ion:107 Resp: 165984
Ion Ratio Lower Upper
107 100
108 113.2 92.6 138.8
77 42.1 35.0 52.6
79 40.8 33.4 50.2



#18
Hexachloroethane
Concen: 41.585 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:117 Resp: 76667
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2
201 96.4 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.359 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

Tot Ion: 70 Resp: 128281

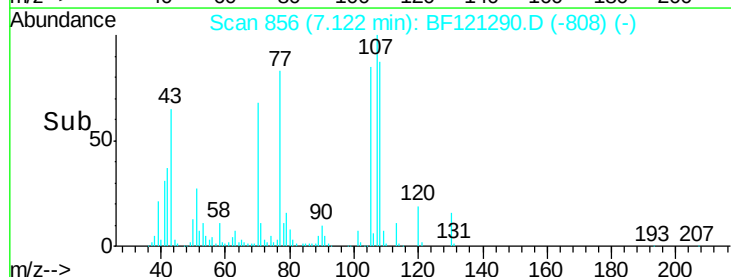
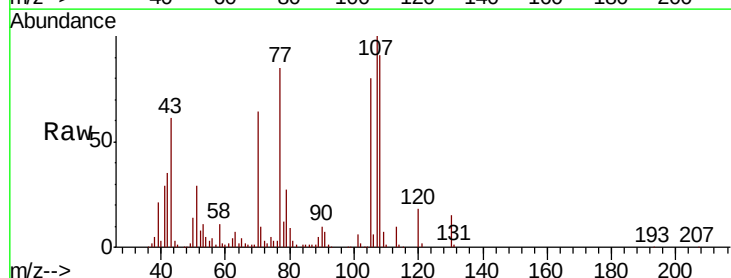
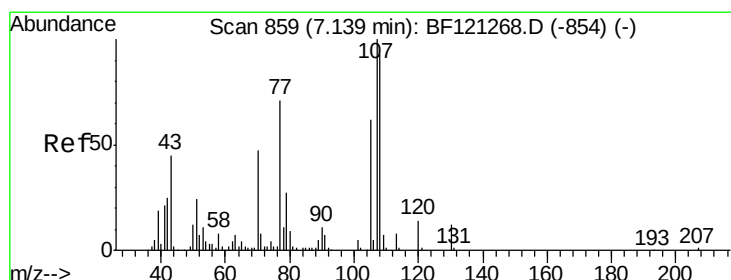
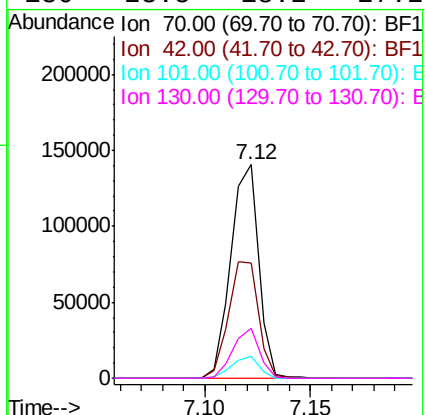
Ion Ratio Lower Upper

70 100

42 54.2 45.6 68.4

101 10.0 7.8 11.8

130 23.5 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.053 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Tgt Ion:107 Resp: 200840

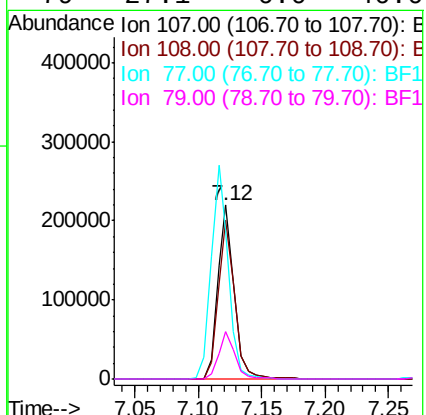
Ion Ratio Lower Upper

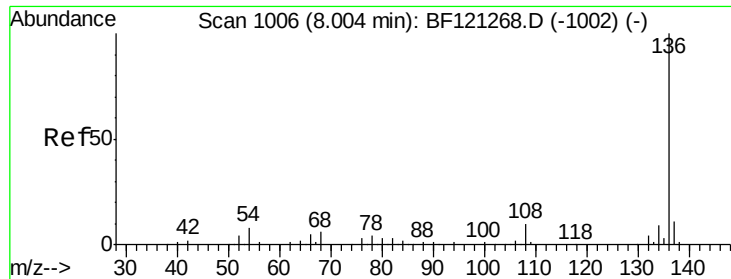
107 100

108 91.3 66.5 106.5

77 85.4 94.4 134.4#

79 27.1 6.0 46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

Tot Ion:136 Resp: 266433

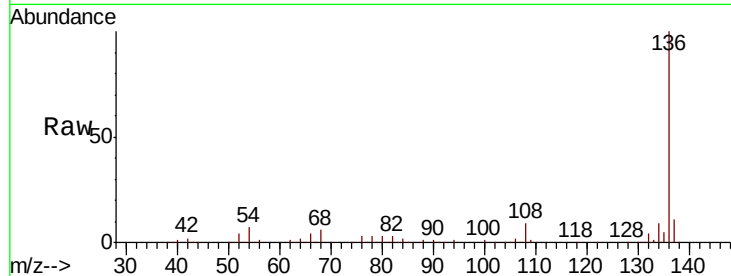
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.8 5.3 7.9

68 5.5 4.2 6.2

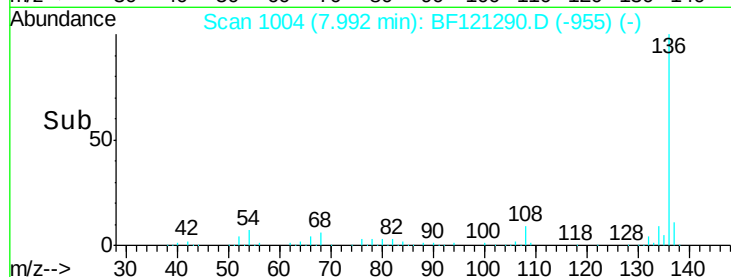


Abundance Ion 136.00 (135.70 to 136.70): E

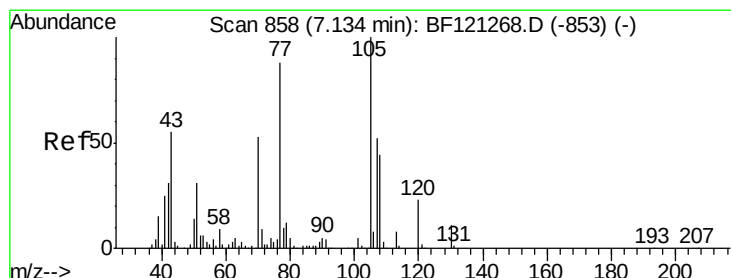
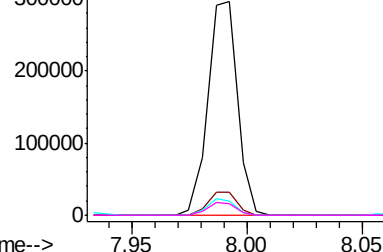
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.854 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Tgt Ion:105 Resp: 266629

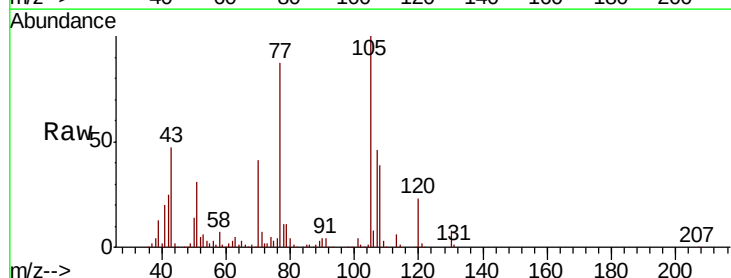
Ion Ratio Lower Upper

105 100

71 7.0 4.6 7.0#

51 31.2 24.2 36.2

120 22.9 17.8 26.6

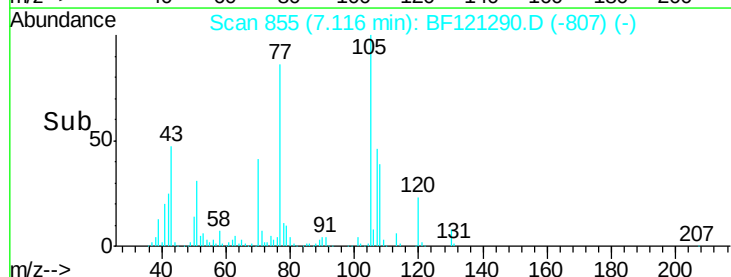


Abundance Ion 105.00 (104.70 to 105.70): E

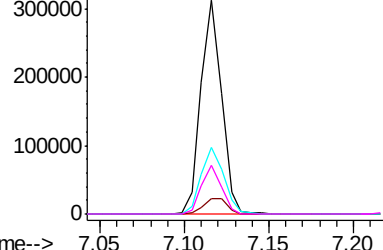
Ion 71.00 (70.70 to 71.70): BF1

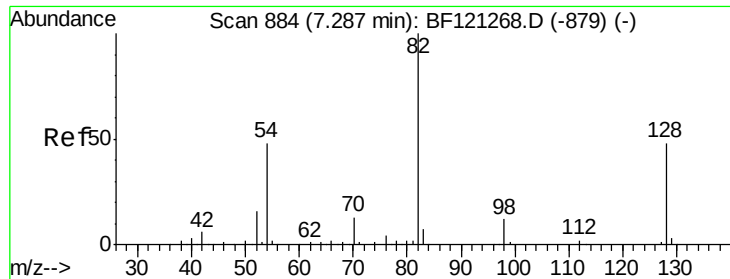
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

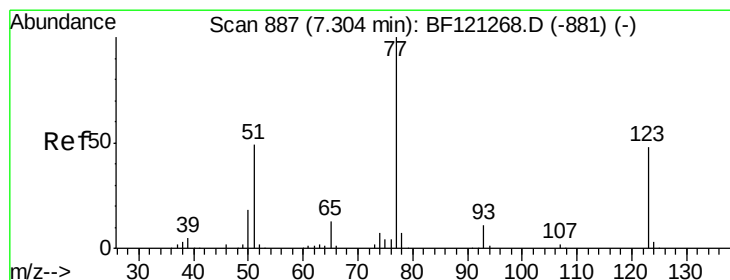
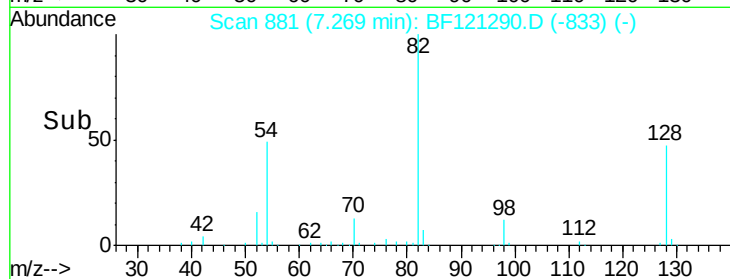
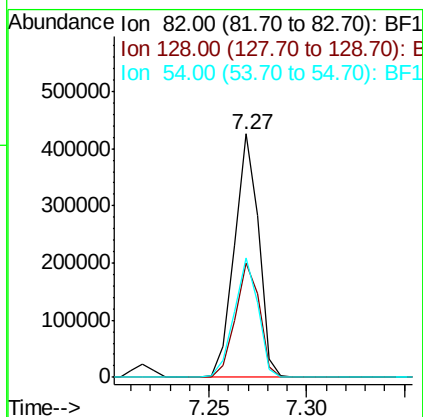
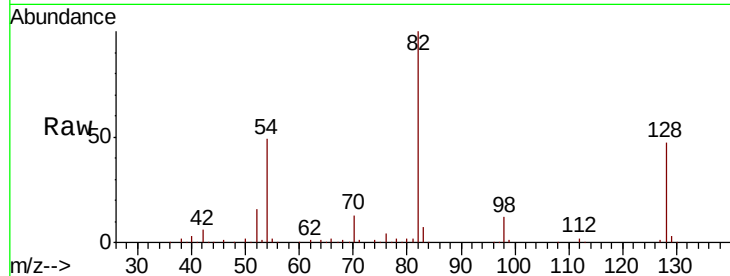




#23
 Nitrobenzene-d5
 Concen: 74.631 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

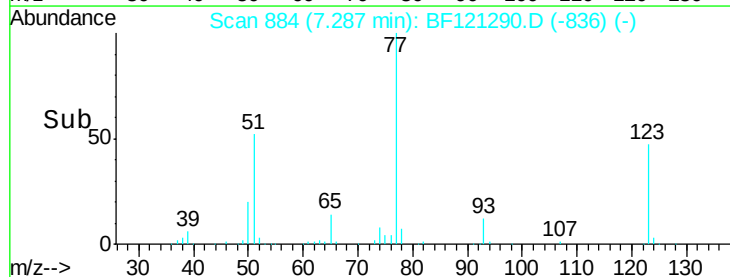
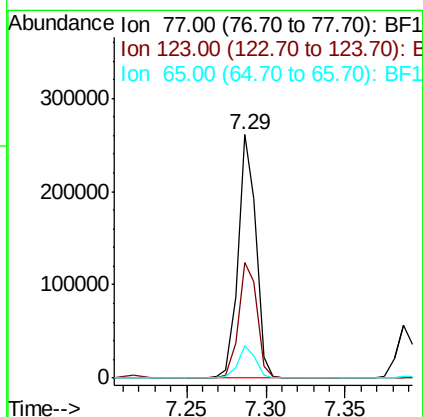
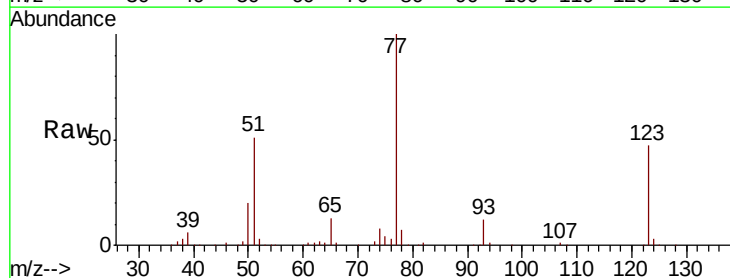
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

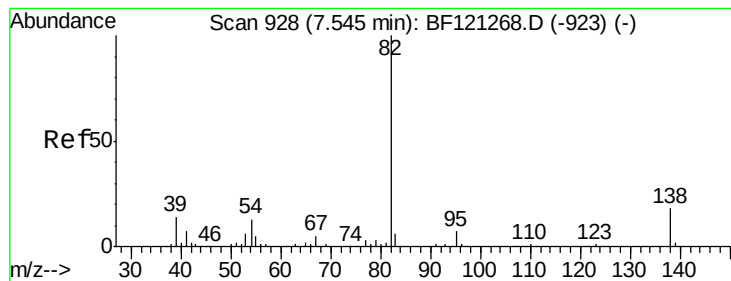
Tot Ion	82	Resp	363826
Ion Ratio	Lower	Upper	
82	100		
128	46.9	39.8	59.8
54	49.3	37.7	56.5



#24
 Nitrobenzene
 Concen: 38.743 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion	77	Resp	204940
Ion Ratio	Lower	Upper	
77	100		
123	47.3	42.0	63.0
65	13.5	10.4	15.6





#25

Isophorone

Concen: 38.089 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

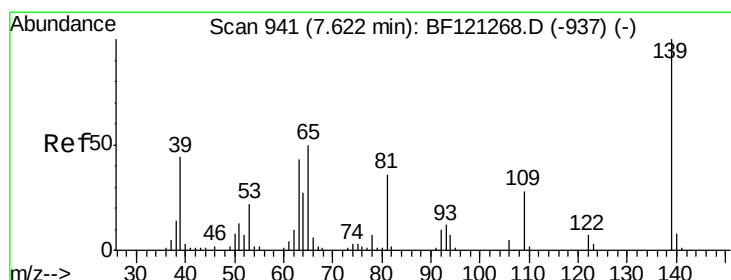
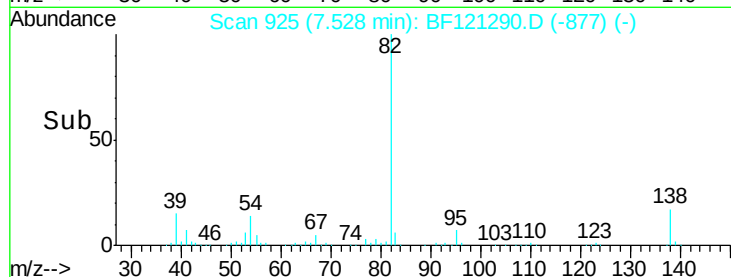
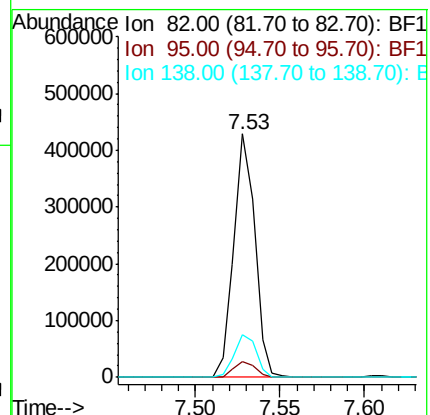
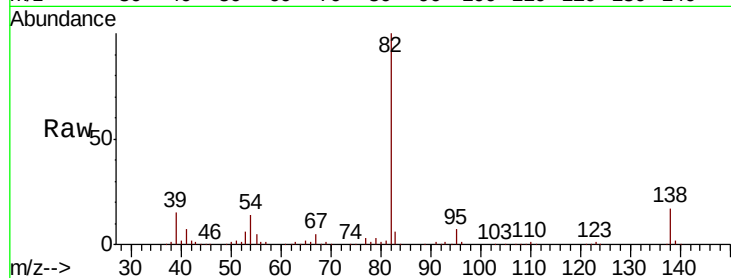
Tot Ion: 82 Resp: 372804

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 16.0 24.0



#26

2-Nitrophenol

Concen: 41.481 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

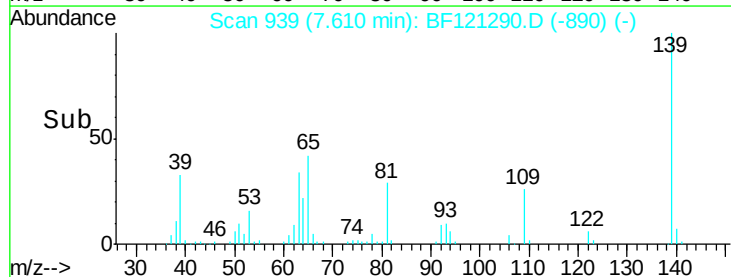
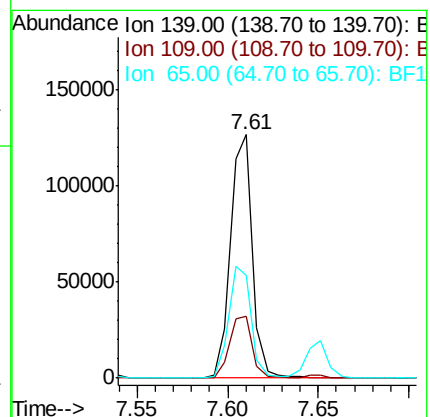
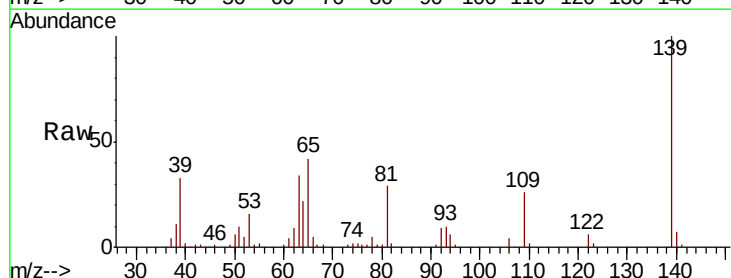
Tgt Ion: 139 Resp: 106315

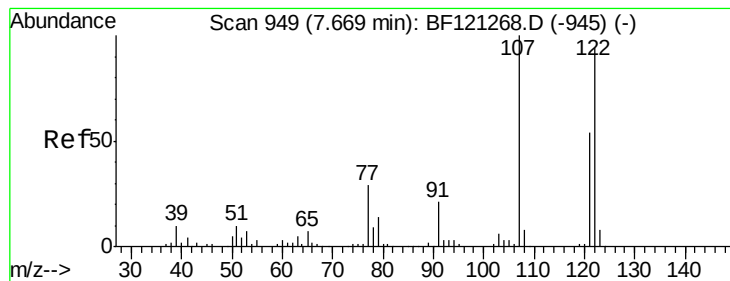
Ion Ratio Lower Upper

139 100

109 25.6 20.6 31.0

65 42.5 35.1 52.7





#27

2,4-Dimethylphenol

Concen: 43.440 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

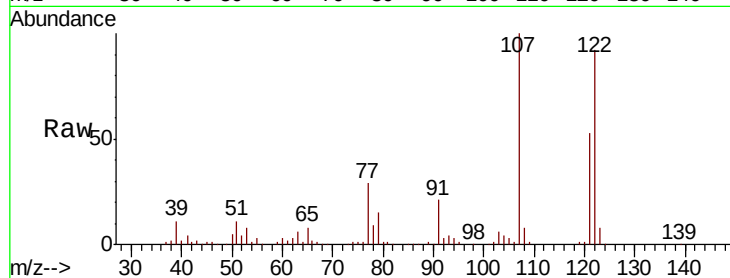
Tot Ion:122 Resp: 178387

Ion Ratio Lower Upper

122 100

107 108.5 89.0 133.4

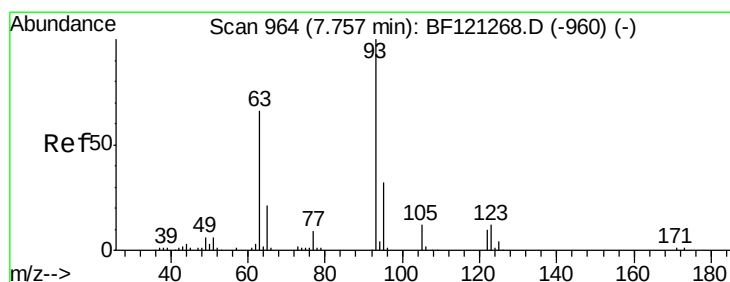
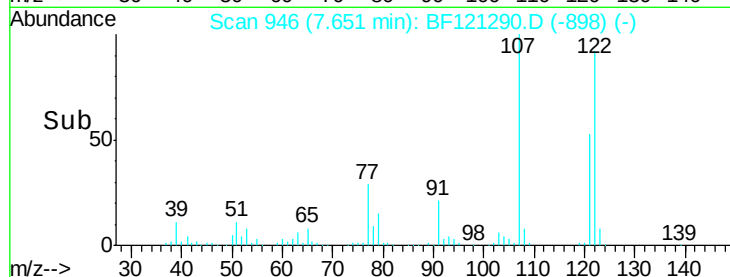
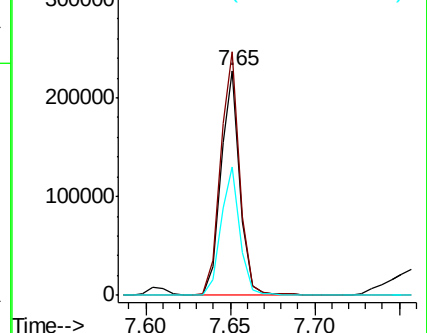
121 57.4 46.1 69.1



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: 43.626 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

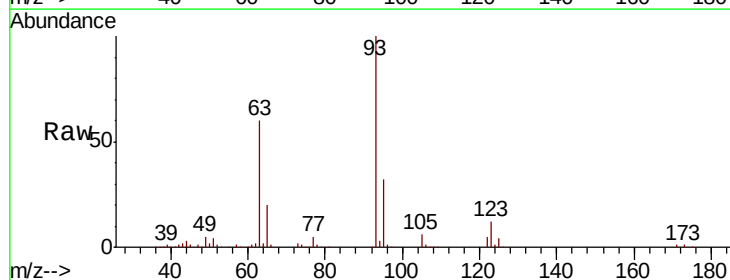
Tgt Ion: 93 Resp: 238835

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

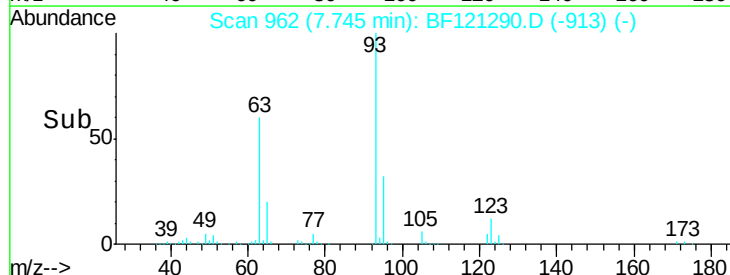
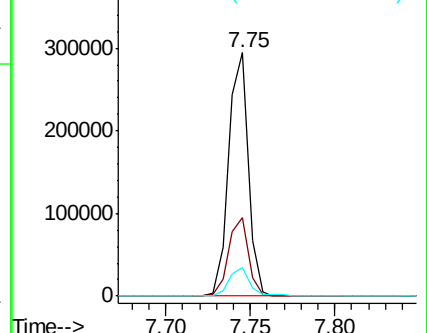
123 11.9 9.6 14.4

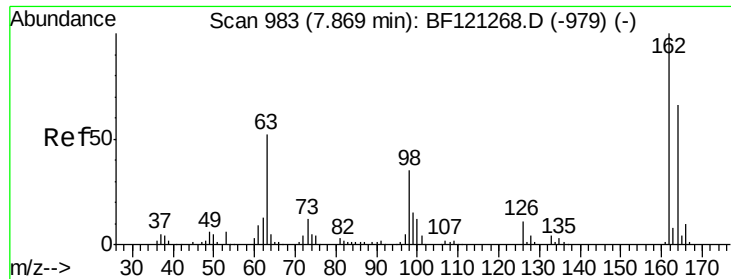


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

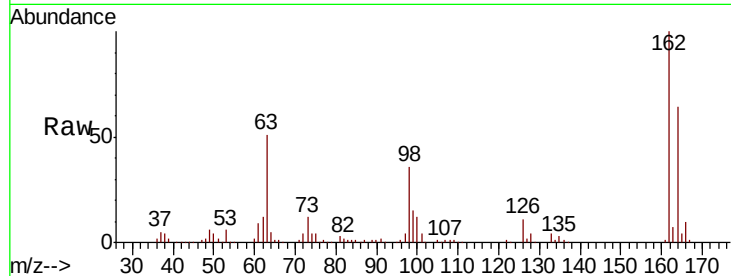




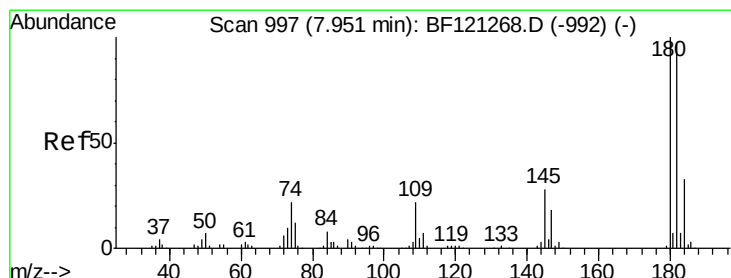
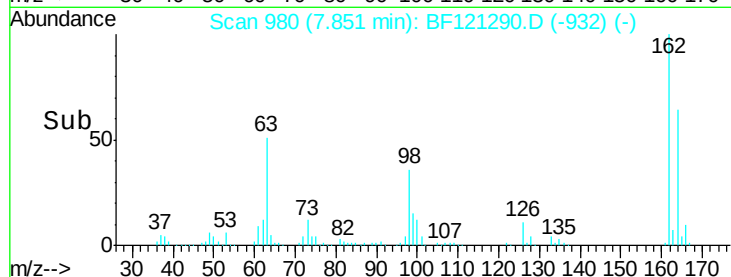
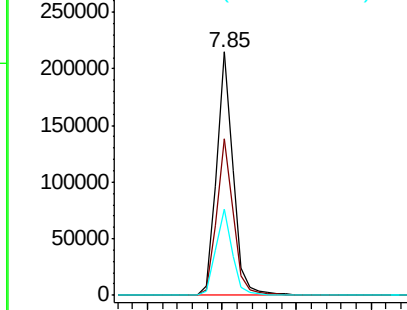
#29
 2,4-Dichlorophenol
 Concen: 39.680 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.4	83.4
98	35.6	18.1	58.1

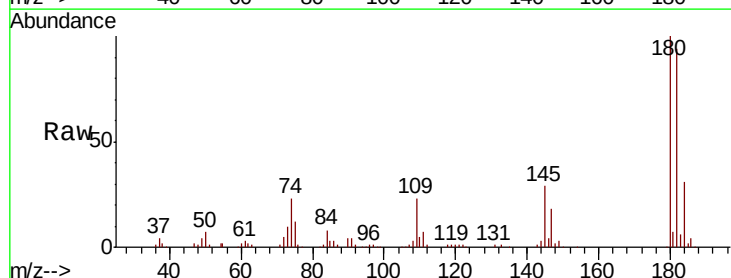


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

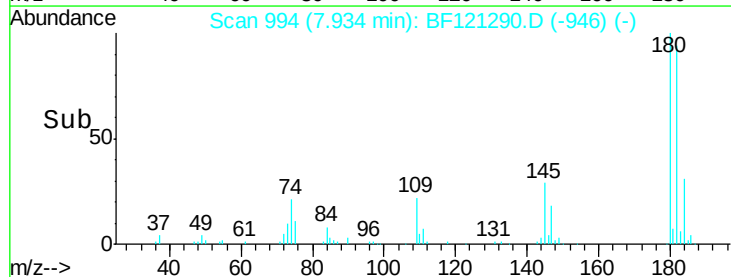
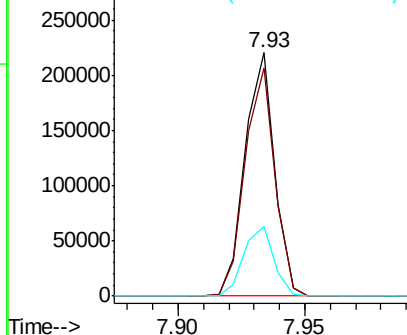


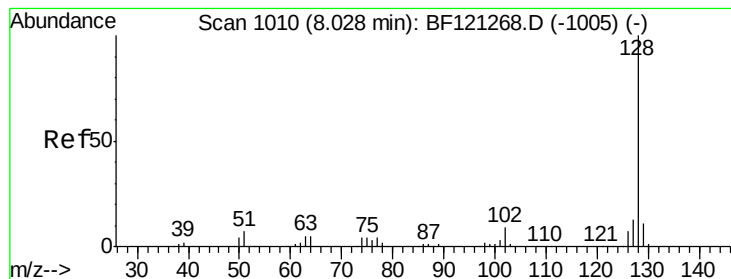
#30
 1,2,4-Trichlorobenzene
 Concen: 38.528 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.3	114.5
145	28.7	23.6	35.4



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





#31

Naphthalene

Concen: 38.191 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

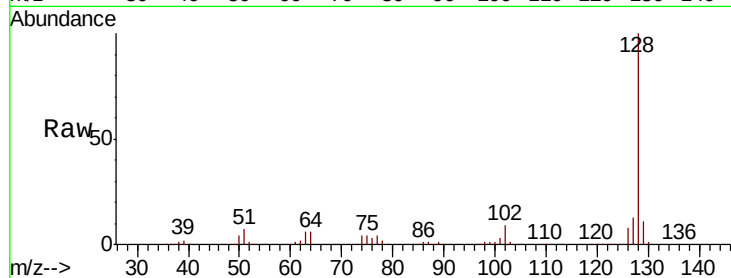
Tot Ion:128 Resp: 572465

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

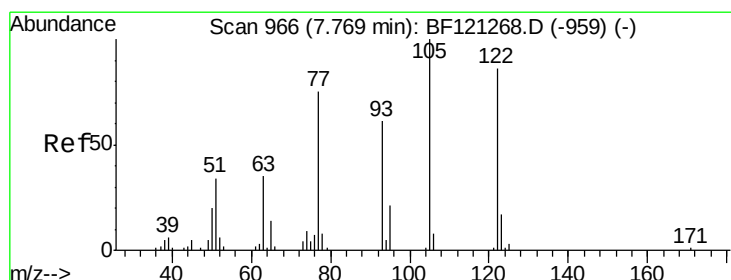
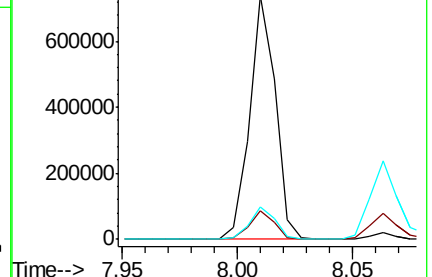
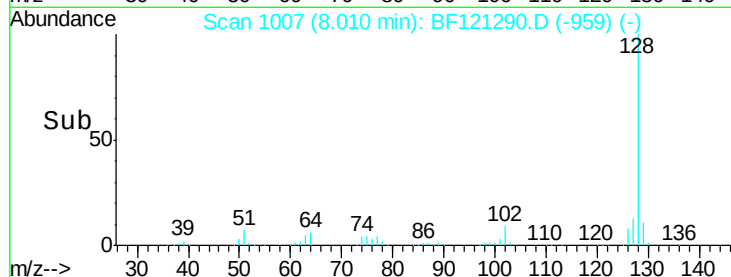
127 13.3 10.6 16.0



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: 32.167 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

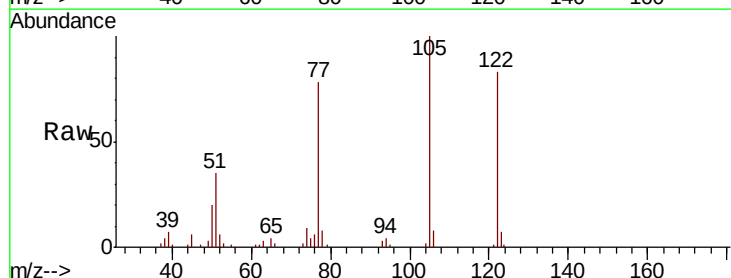
Tgt Ion:122 Resp: 66312

Ion Ratio Lower Upper

122 100

105 120.6 101.3 141.3

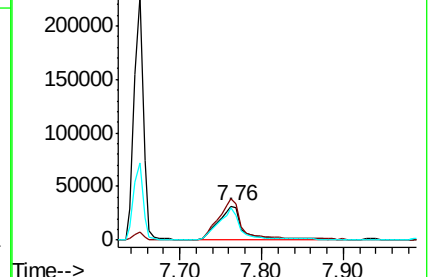
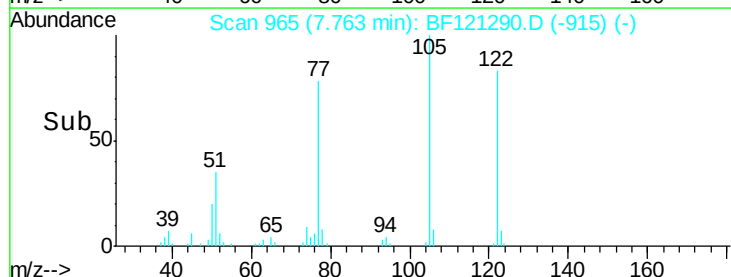
77 93.7 68.5 108.5

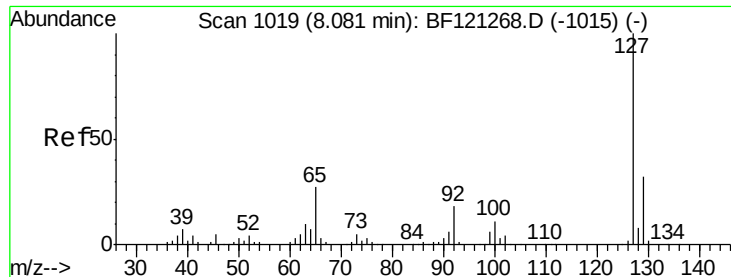


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

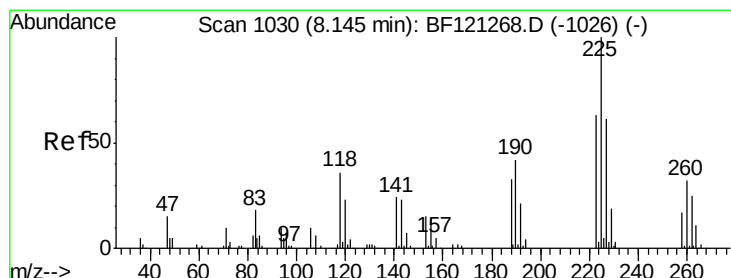
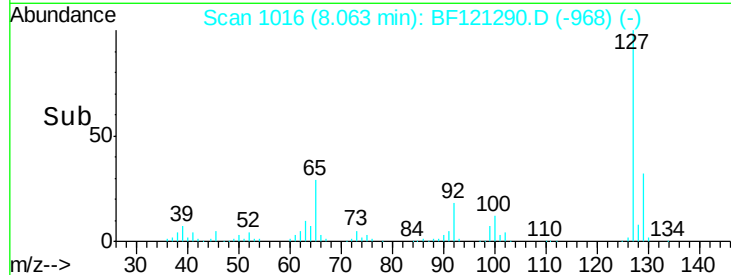
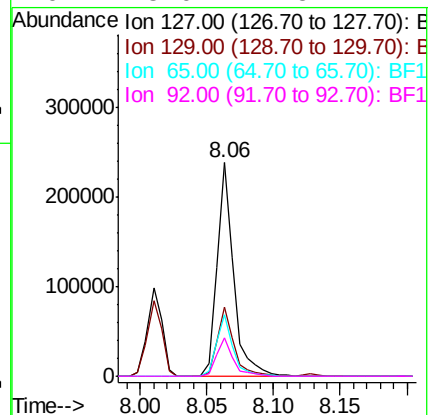
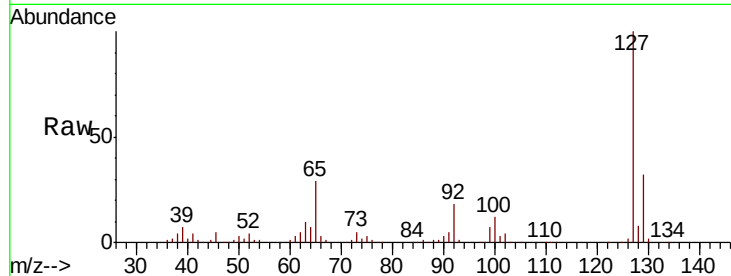




#33
4-Chloroaniline
Concen: 34.176 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

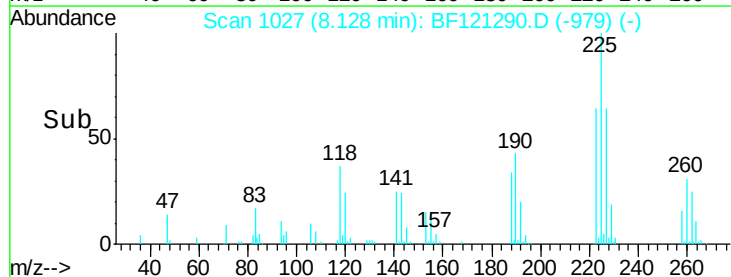
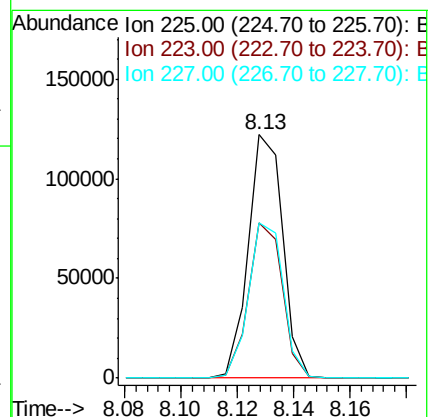
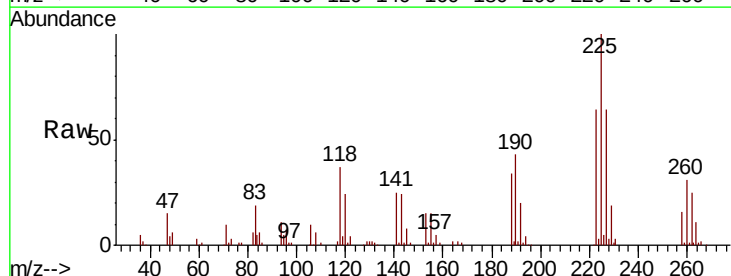
Instrument :
BNA_F
ClientSampleId :
PB130964BS

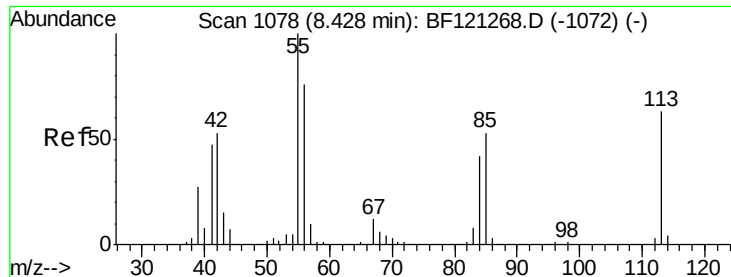
Tot Ion:	127	Resp:	209059
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.0	23.5	35.3
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 36.978 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:	225	Resp:	103697
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.8
227	63.9	51.9	77.9

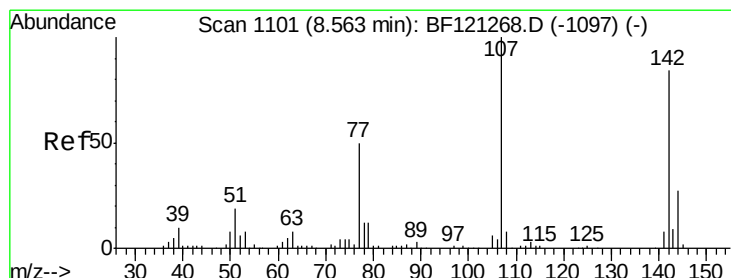
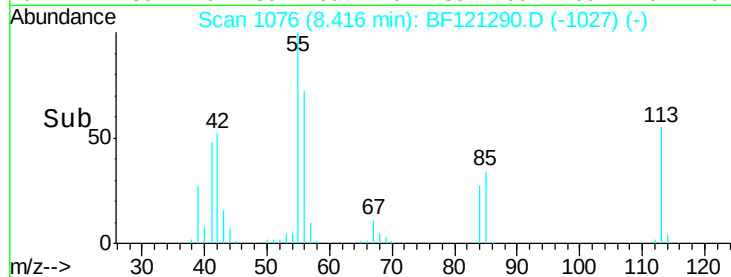
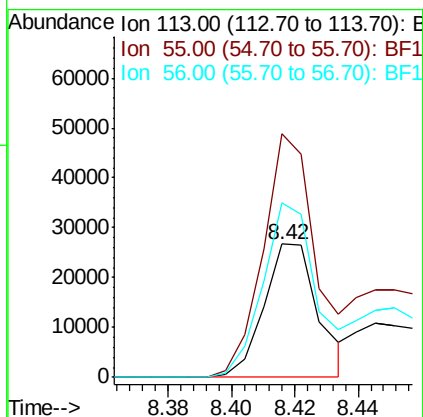
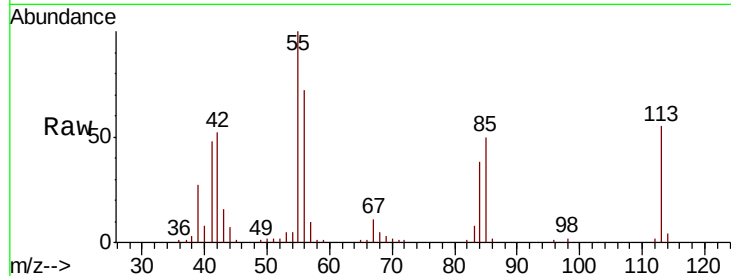




#35
Caprolactam
Concen: 25.169 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

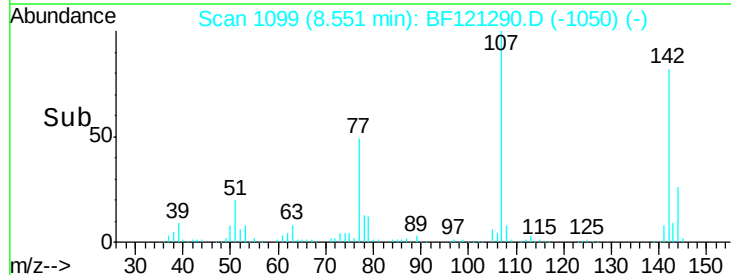
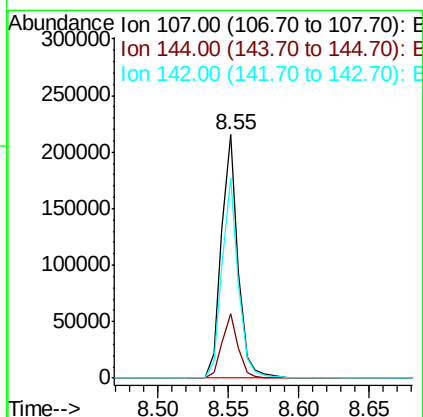
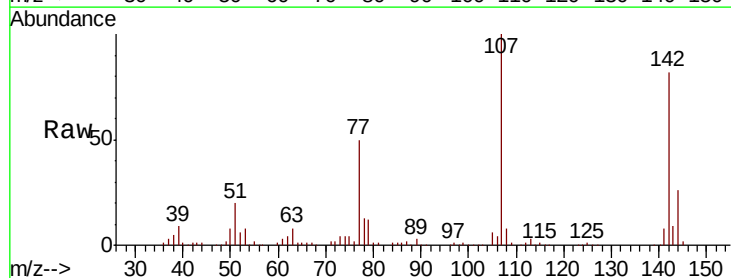
Instrument :
BNA_F
ClientSampleId :
PB130964BS

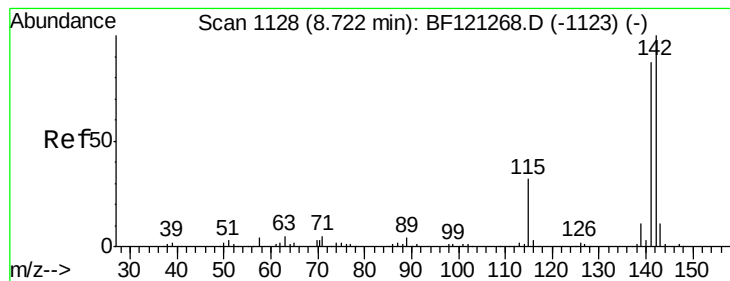
Tot Ion:113 Resp: 31835
Ion Ratio Lower Upper
113 100
55 182.6 151.9 191.9
56 130.7 106.0 146.0



#36
4-Chloro-3-methylphenol
Concen: 41.103 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:107 Resp: 176101
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 82.3 63.5 95.3





#37

2-Methylnaphthalene

Concen: 38.926 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

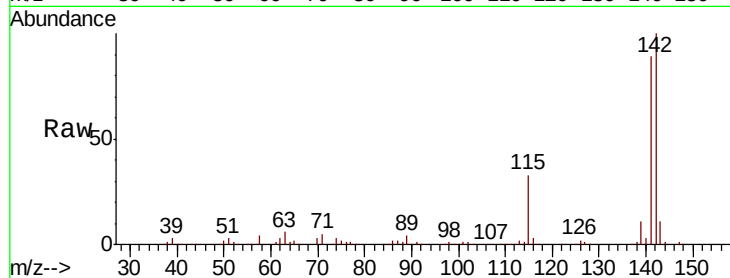
Tot Ion:142 Resp: 383955

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

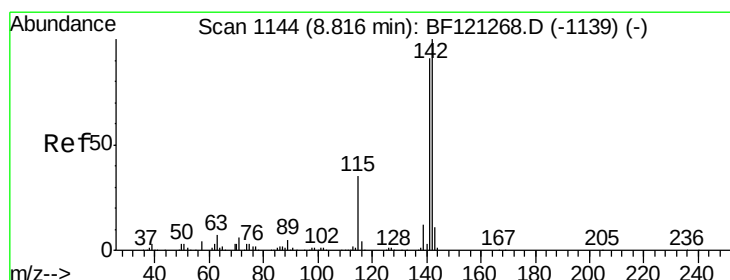
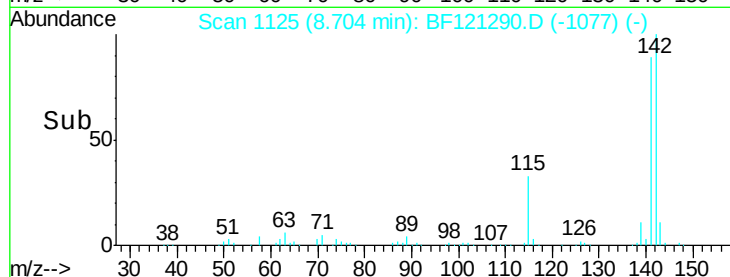
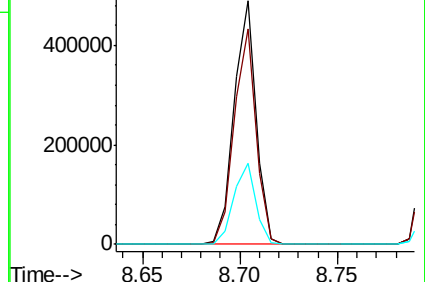
115 33.2 25.9 38.9



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: 39.444 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

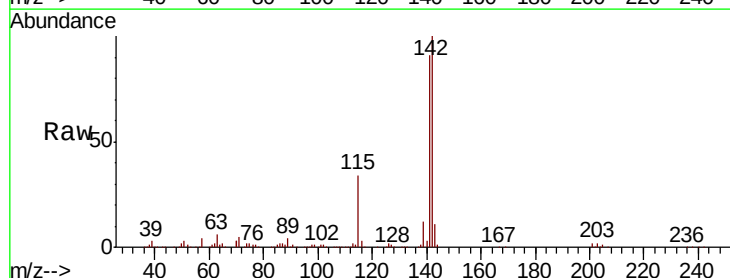
Tgt Ion:142 Resp: 368384

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.4

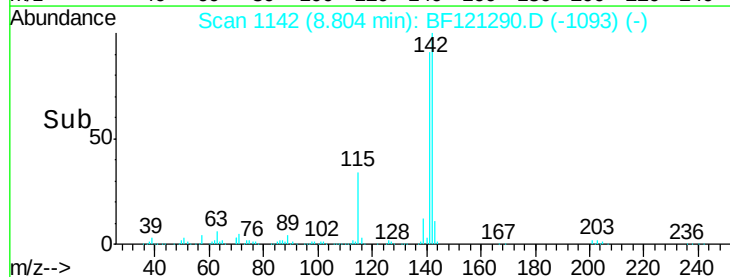
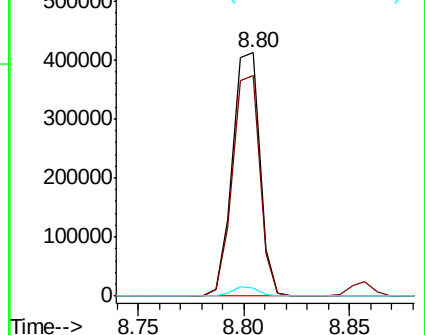
116 3.4 3.0 4.6

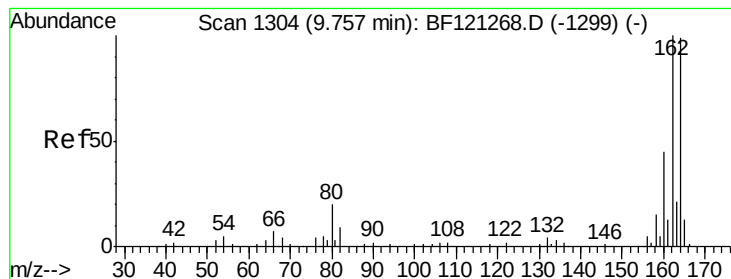


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

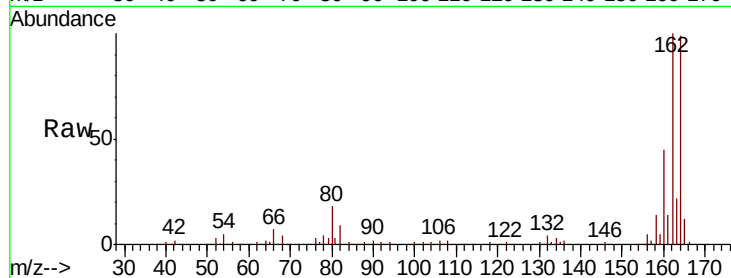
Tot Ion:164 Resp: 141954

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

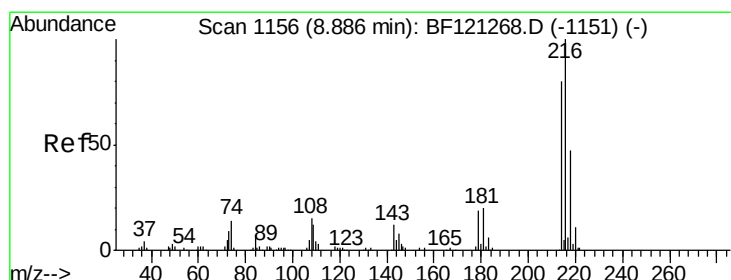
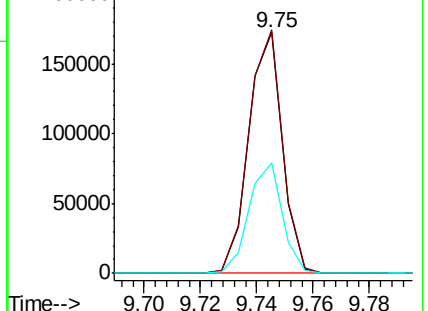
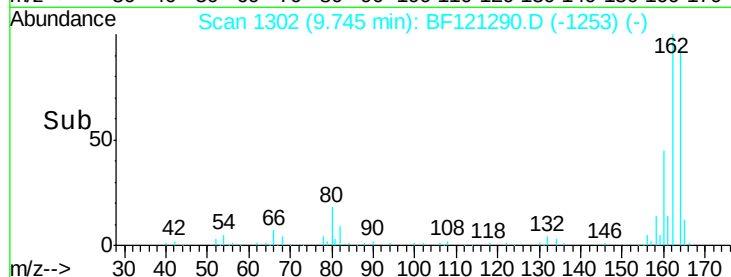
160 45.8 36.9 55.3



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: 38.292 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Tgt Ion:216 Resp: 182135

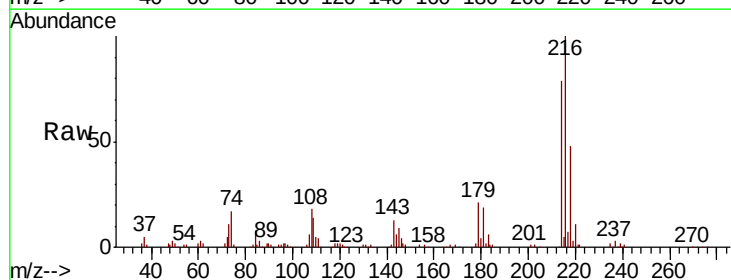
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 20.3 16.1 24.1

108 19.5 14.3 21.5

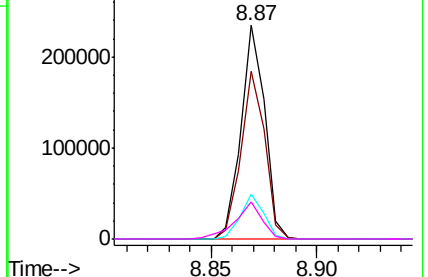
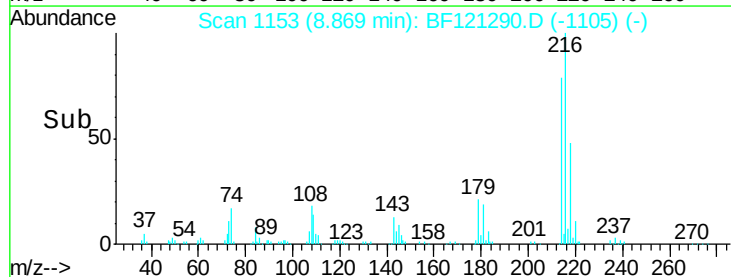


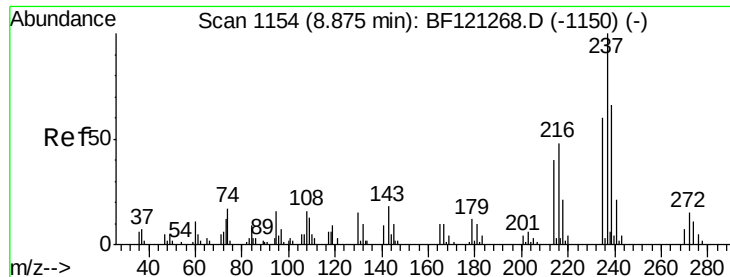
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

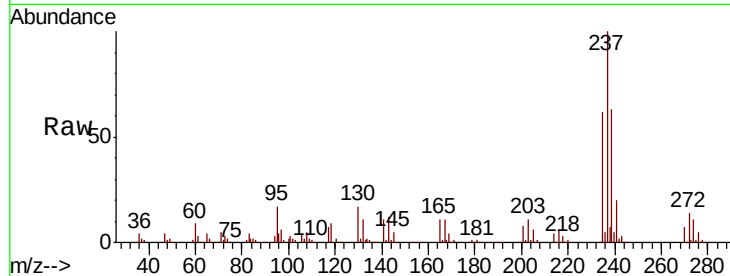




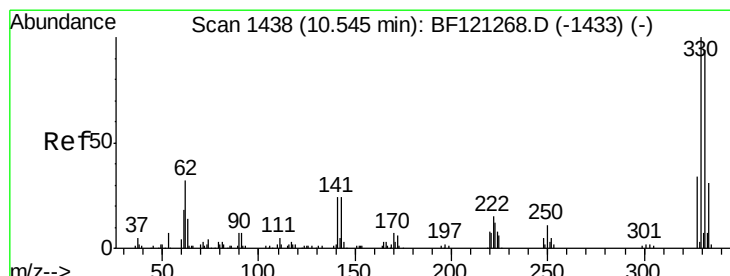
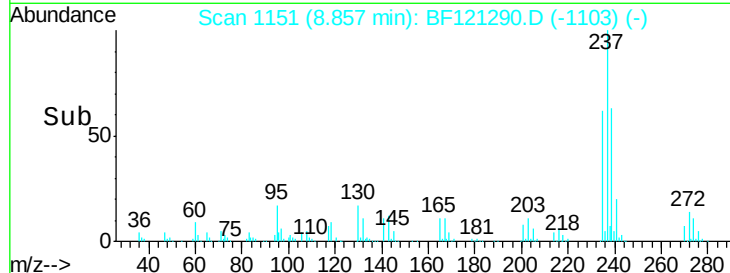
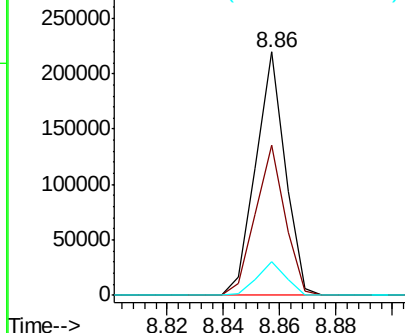
#41
Hexachlorocyclopentadiene
Concen: 78.274 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Instrument :
BNA_F
ClientSampleId :
PB130964BS

Tot Ion:	237	Resp:	159800
Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.9	0.0	34.3

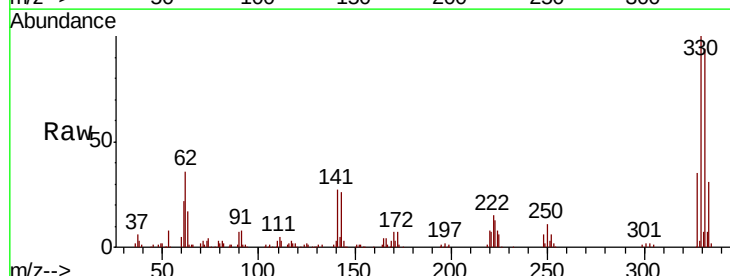


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

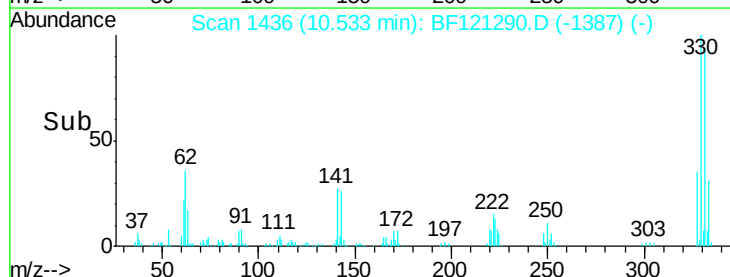
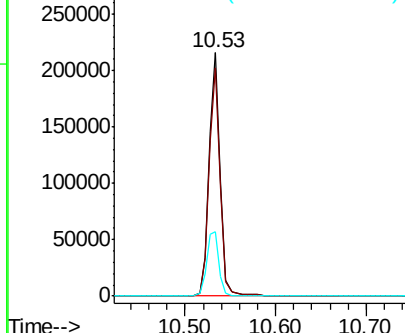


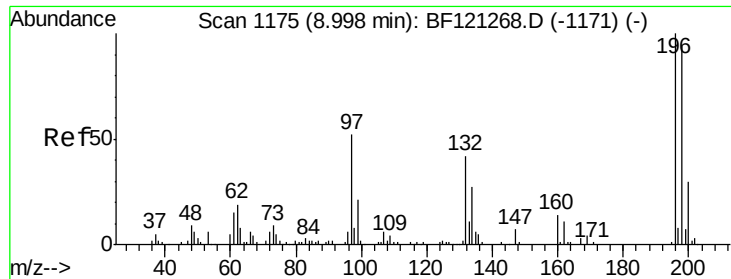
#42
2,4,6-Tribromophenol
Concen: 107.436 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:	330	Resp:	187769
Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.0
141	29.7	23.4	35.2



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

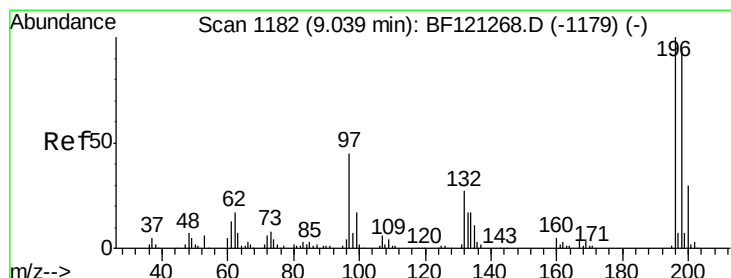
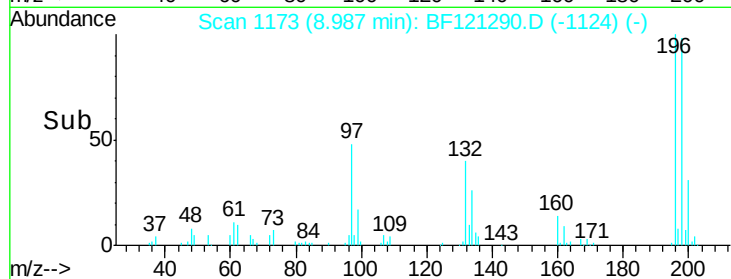
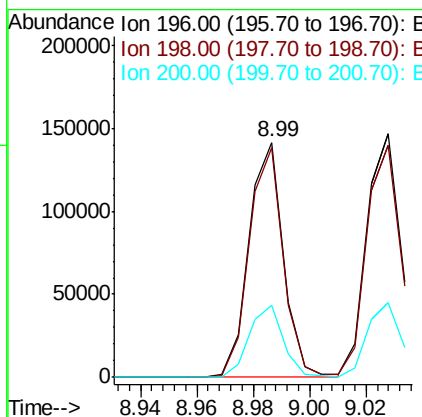
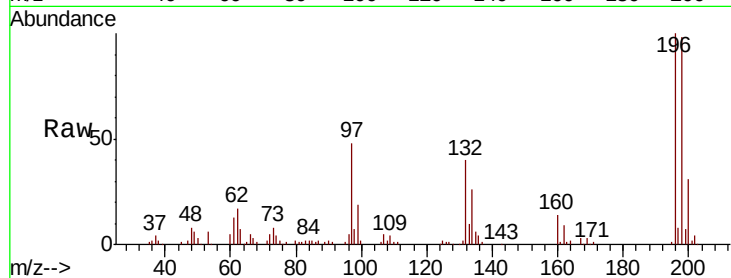




#43
 2,4,6-Trichlorophenol
 Concen: 39.602 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

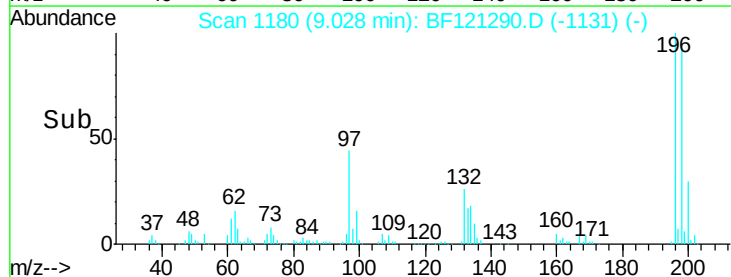
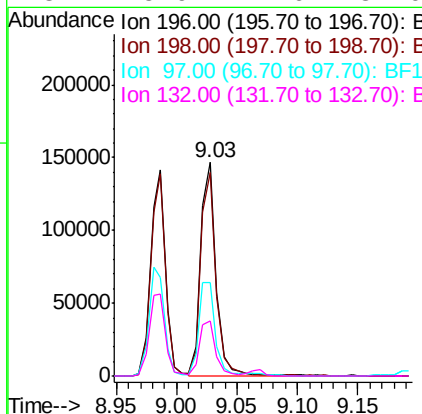
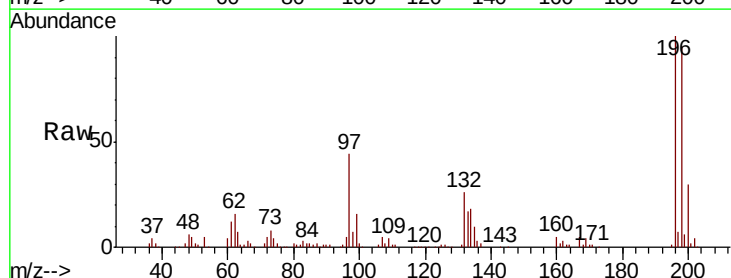
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

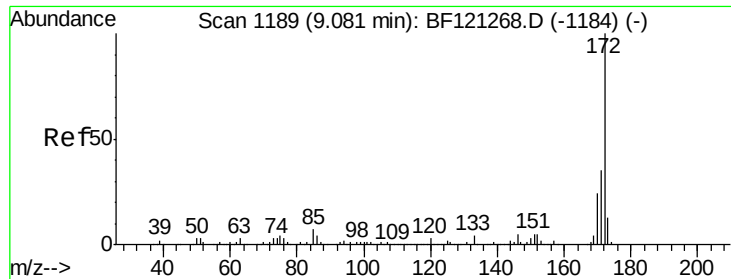
Tot Ion:196	Resp:	119797
Ion Ratio	Lower	Upper
196	100	
198	98.0	76.3 114.5
200	31.0	24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.945 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:196	Resp:	131244
Ion Ratio	Lower	Upper
196	100	
198	95.3	77.4 116.2
97	43.7	38.8 58.2
132	25.9	22.6 34.0

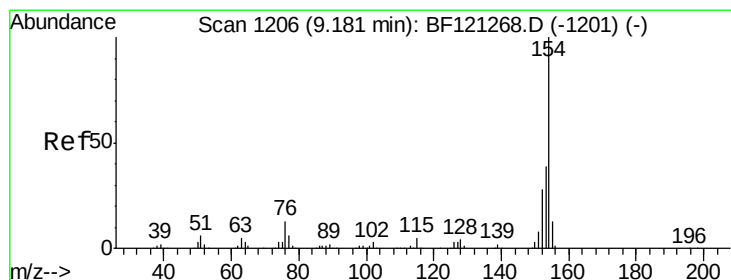
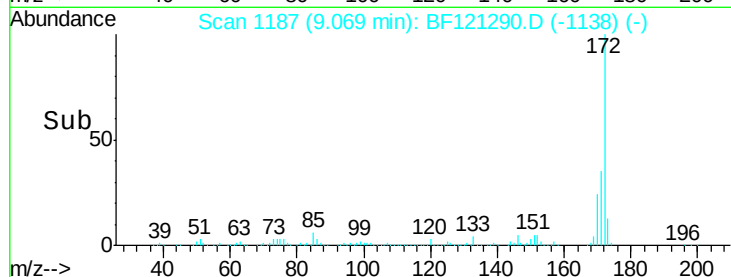
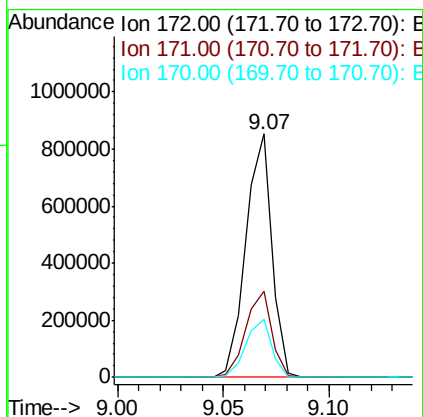
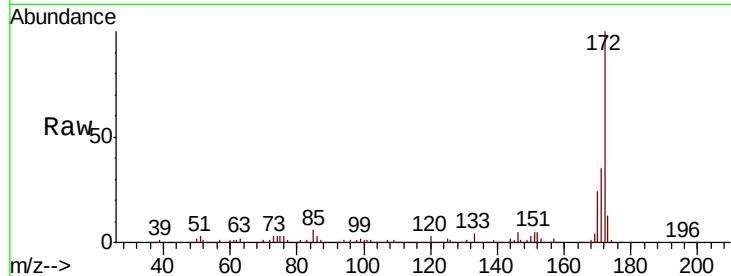




#45
2-Fluorobiphenyl
Concen: 71.081 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

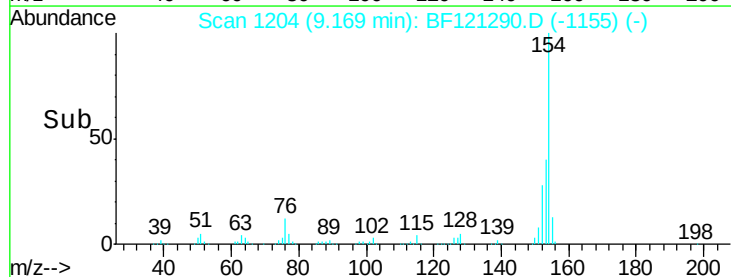
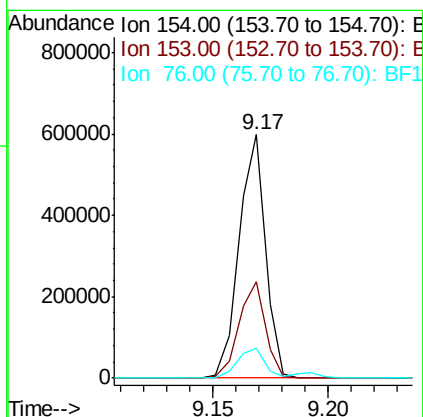
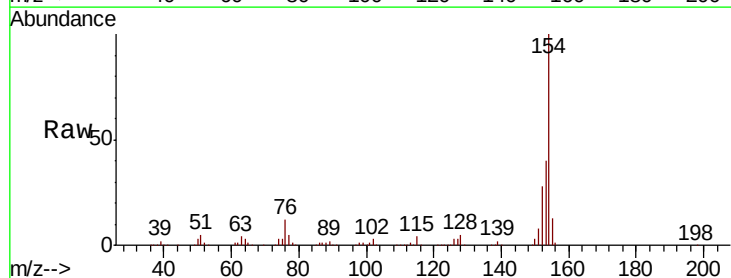
Instrument :
BNA_F
ClientSampleId :
PB130964BS

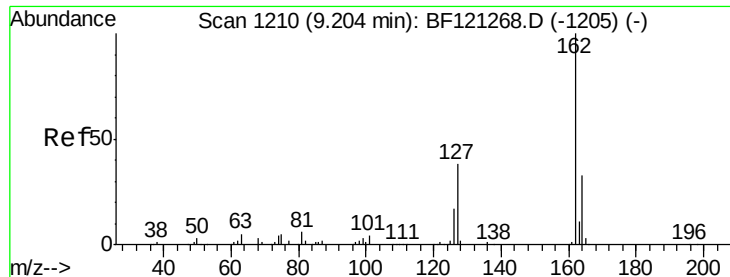
Tot Ion:172 Resp: 729434
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.3 28.9



#46
1,1'-Biphenyl
Concen: 38.813 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:154 Resp: 476065
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.0 0.0 33.6

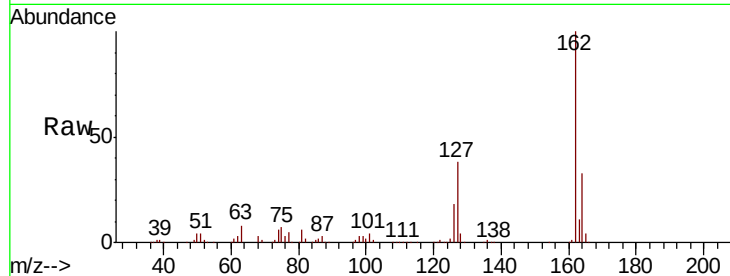




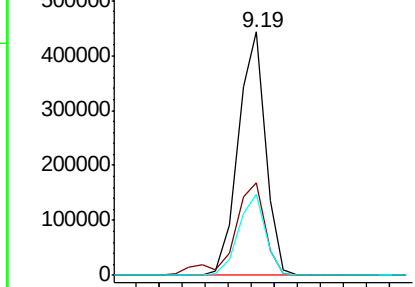
#47
 2-Chloronaphthalene
 Concen: 38.585 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

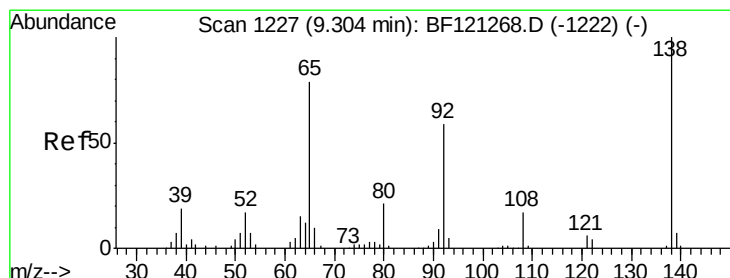
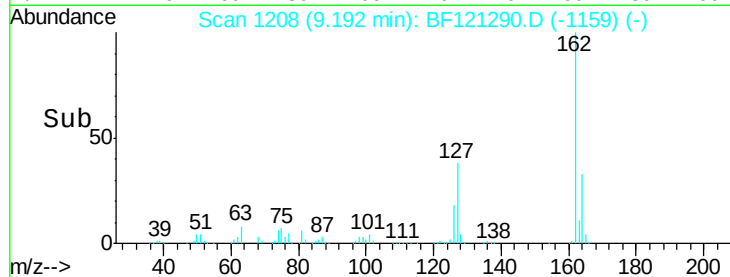
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.2	26.5	39.7



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

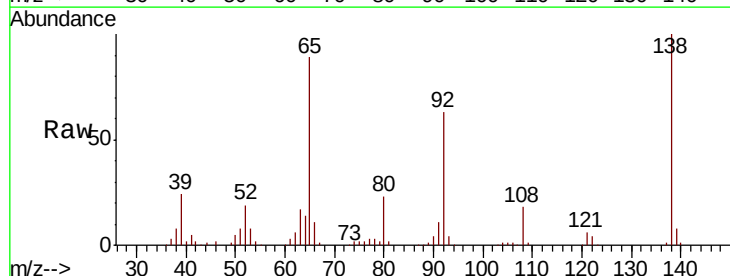


Time-->

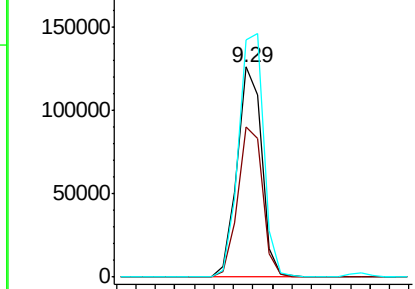


#48
 2-Nitroaniline
 Concen: 41.695 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

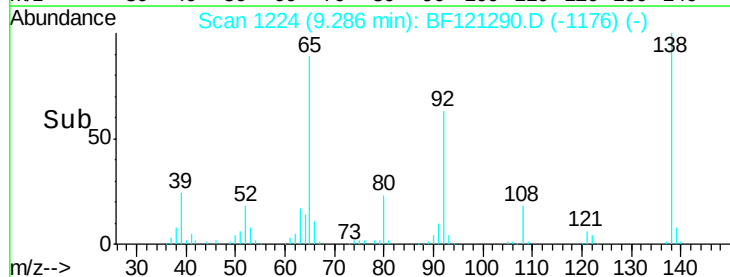
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	56.4	84.6
138	112.6	91.9	137.9

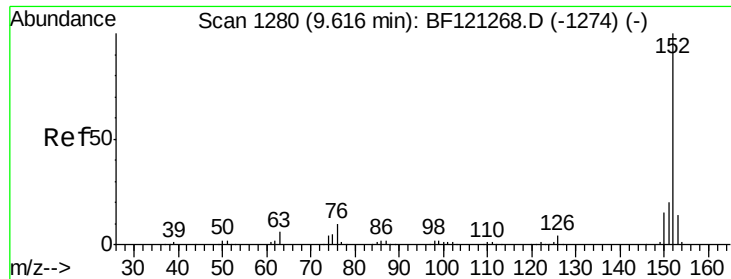


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E



Time-->





#49

Acenaphthylene

Concen: 39.361 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

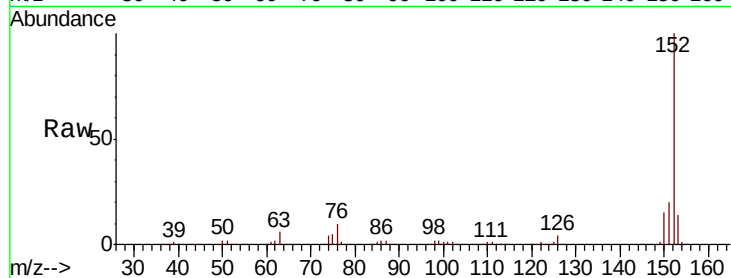
Tot Ion:152 Resp: 590280

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

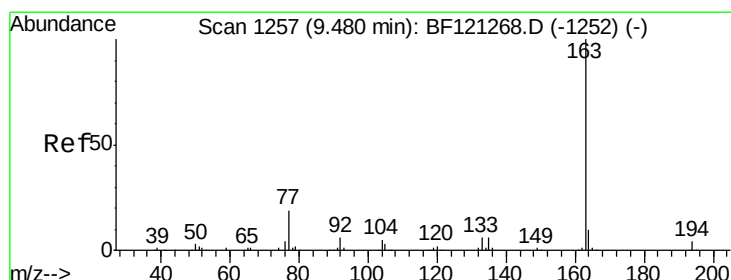
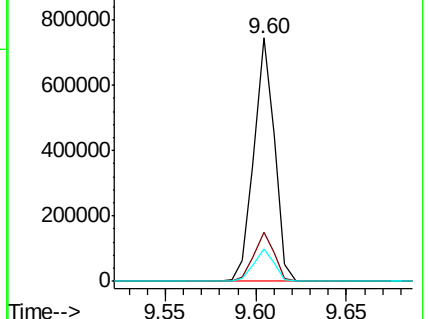
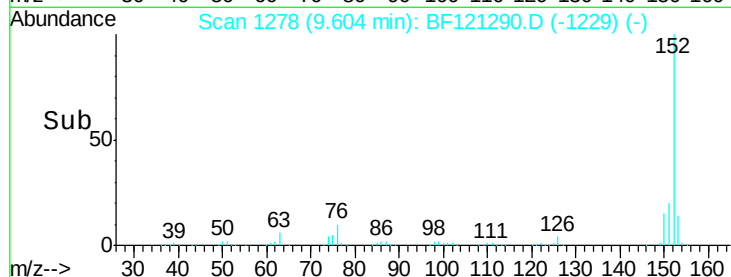
153 13.5 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.771 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

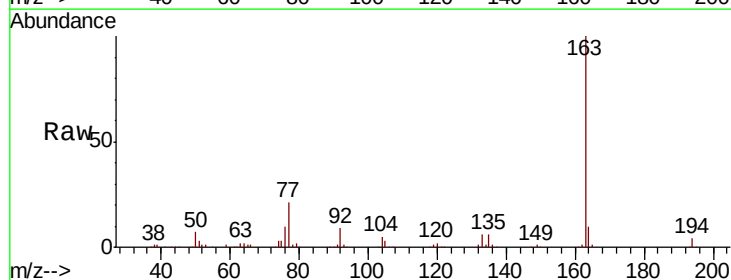
Tgt Ion:163 Resp: 435507

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

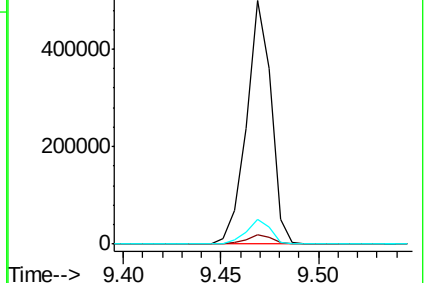
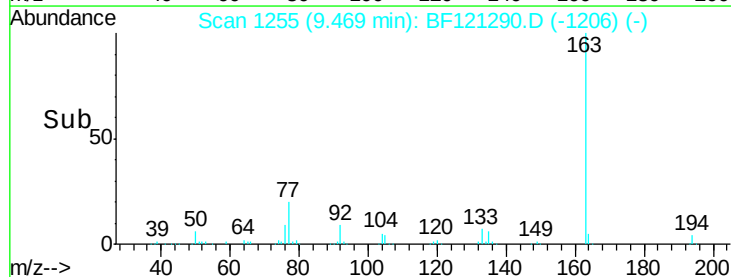
164 10.3 8.1 12.1

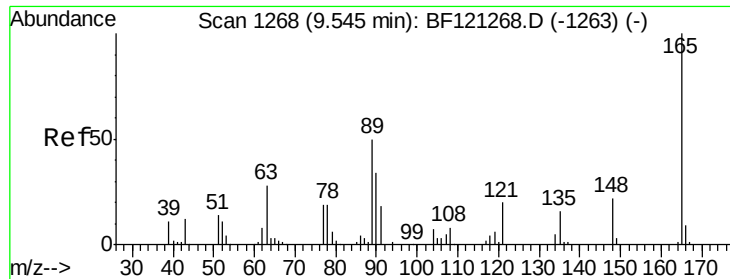


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

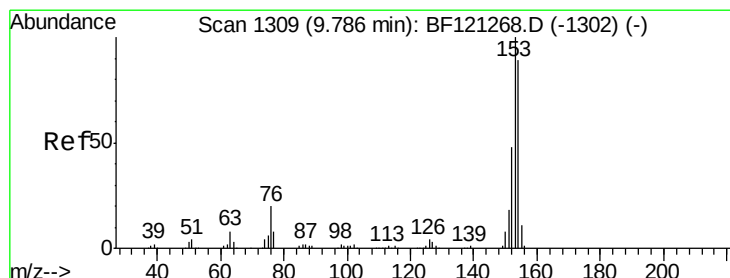
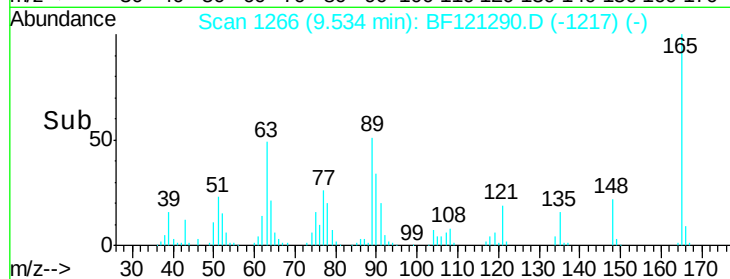
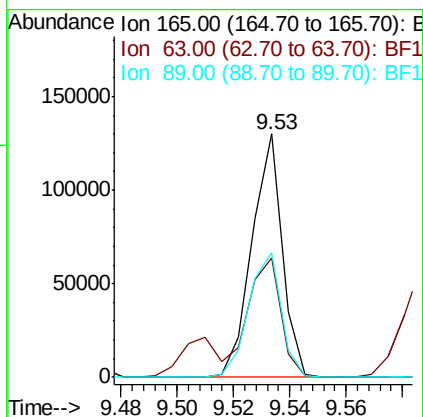
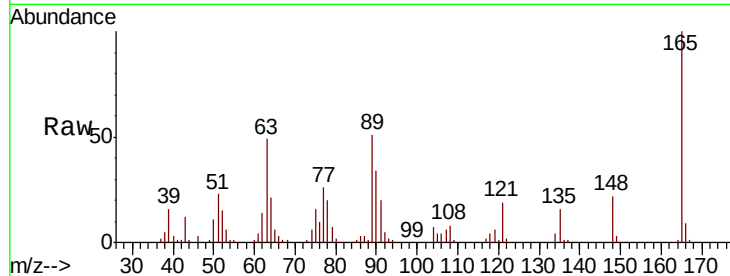




#51
2,6-Dinitrotoluene
Concen: 40.714 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

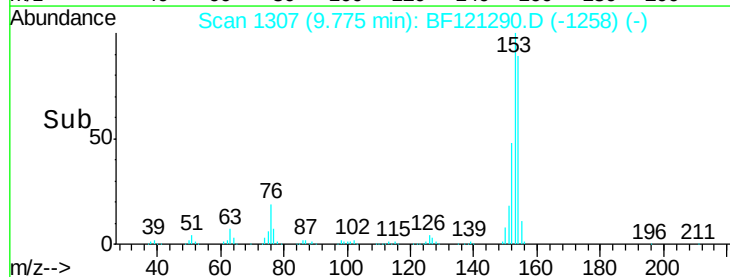
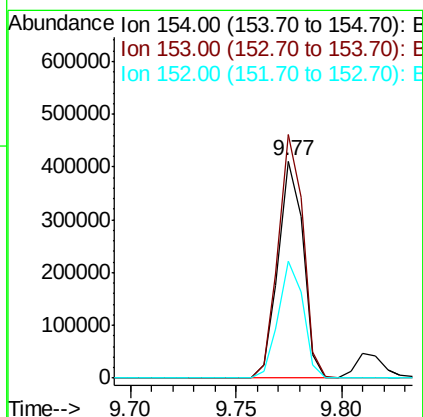
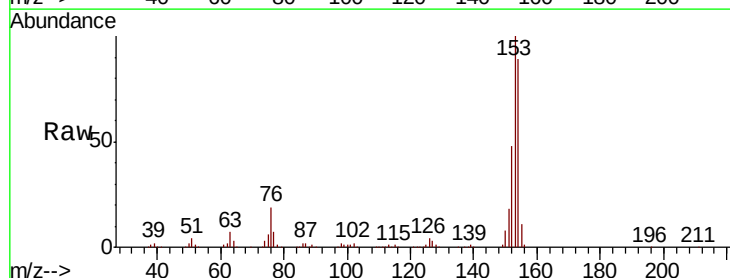
Instrument :
BNA_F
ClientSampleId :
PB130964BS

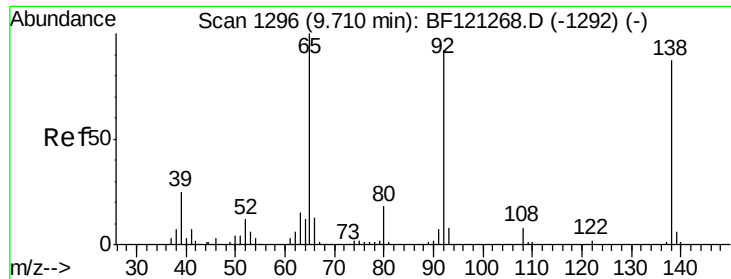
Tot Ion:165 Resp: 96946
Ion Ratio Lower Upper
165 100
63 48.8 42.3 63.5
89 51.1 45.0 67.4



#52
Acenaphthene
Concen: 38.328 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:154 Resp: 340313
Ion Ratio Lower Upper
154 100
153 112.1 89.3 133.9
152 53.7 42.9 64.3

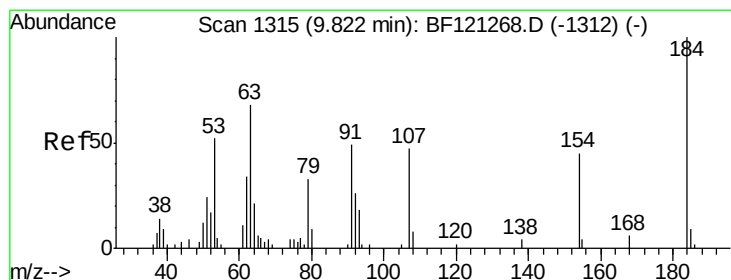
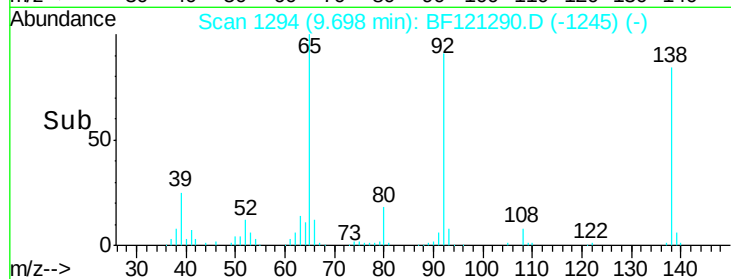
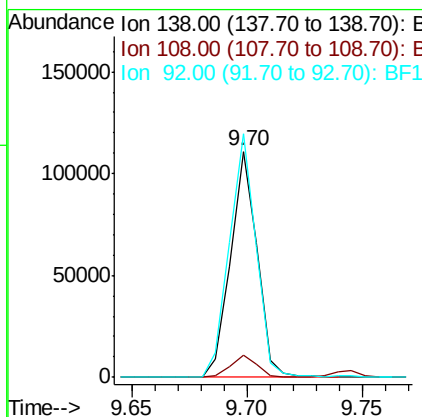
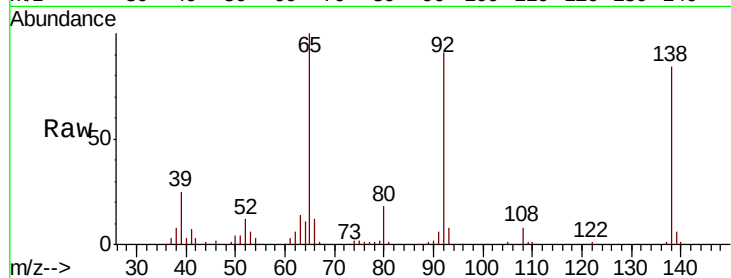




#53
 3-Nitroaniline
 Concen: 32.621 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

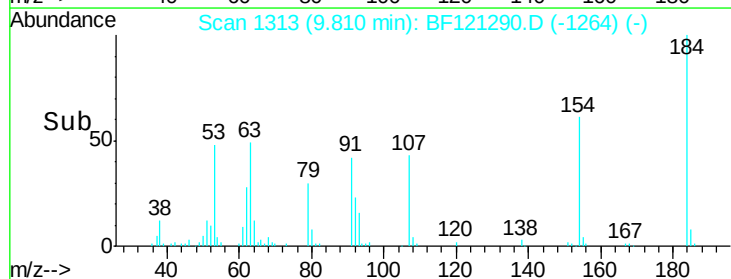
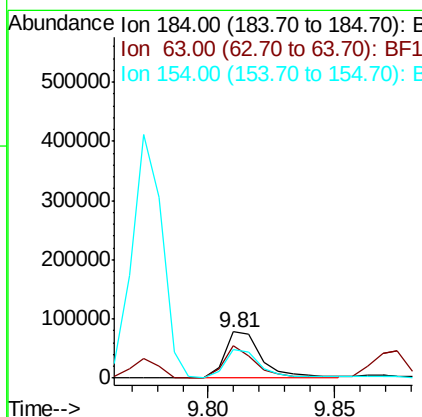
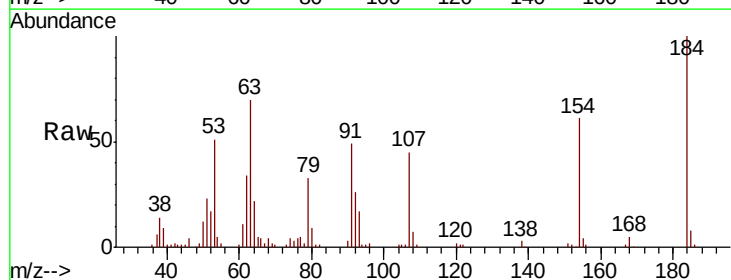
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

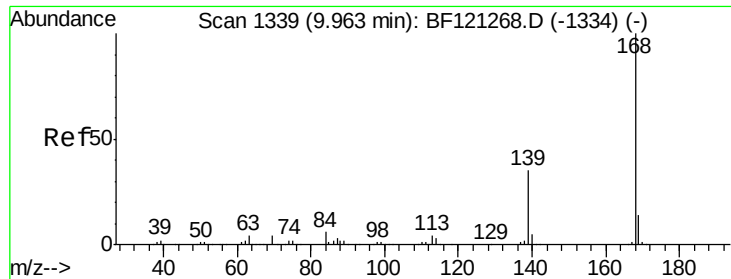
Tot Ion:138 Resp: 88688
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.4 11.2
 92 107.8 85.1 127.7



#54
 2,4-Dinitrophenol
 Concen: 65.994 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:184 Resp: 79658
 Ion Ratio Lower Upper
 184 100
 63 69.7 39.4 59.2#
 154 61.0 43.4 65.0

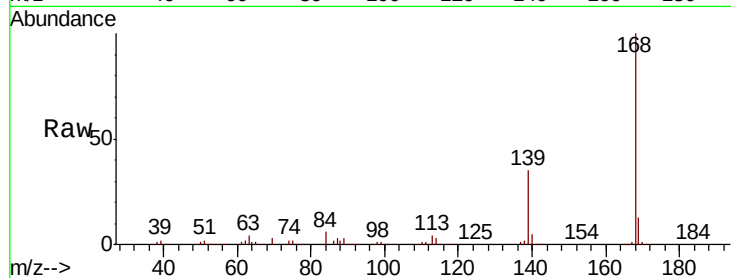




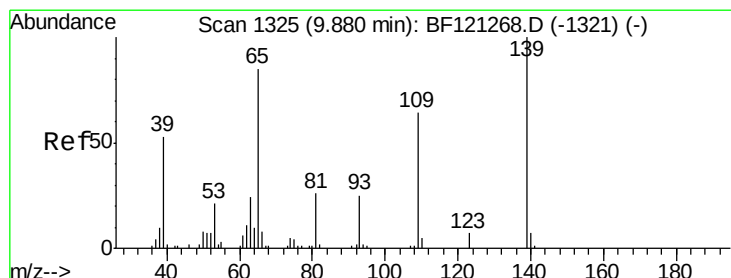
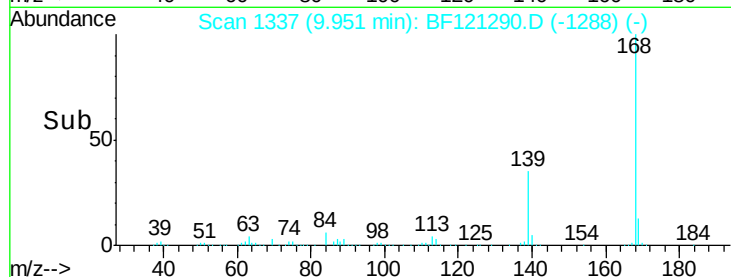
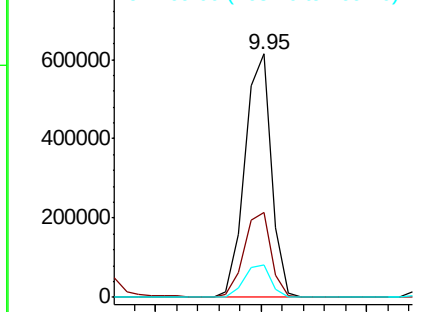
#55
Dibenzofuran
Concen: 37.719 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Instrument :
BNA_F
ClientSampleId :
PB130964BS

Tot Ion:168 Resp: 533327
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.6
169 13.3 11.0 16.4

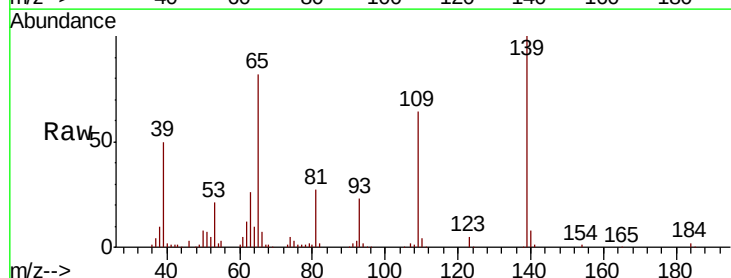


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

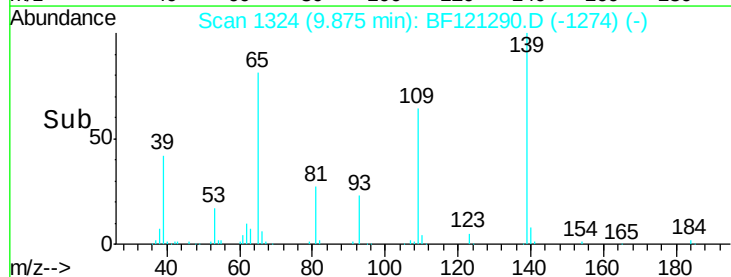
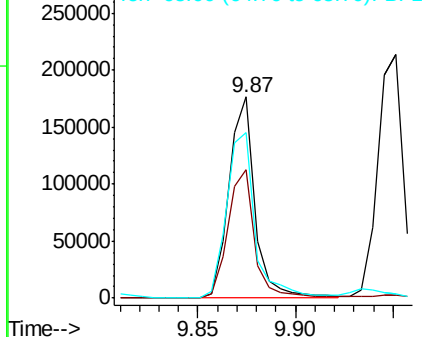


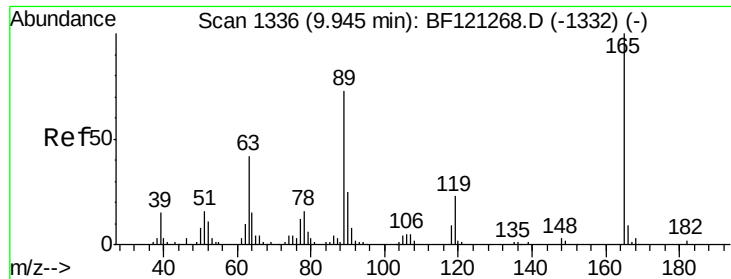
#56
4-Nitrophenol
Concen: 93.104 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:139 Resp: 163354
Ion Ratio Lower Upper
139 100
109 64.1 47.2 87.2
65 82.3 70.6 110.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

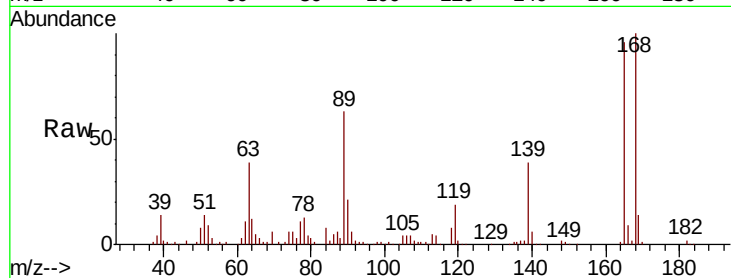




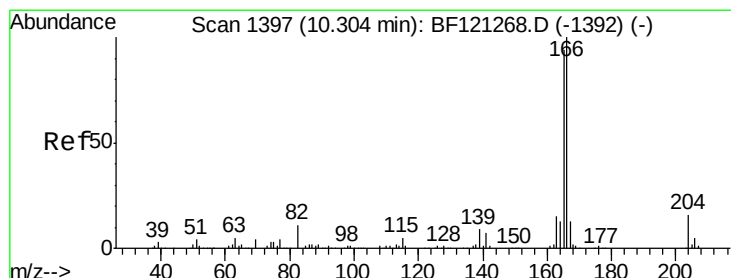
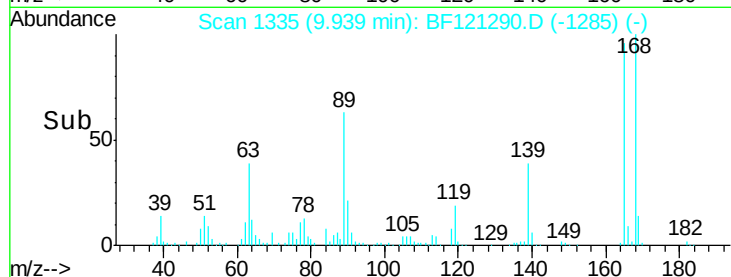
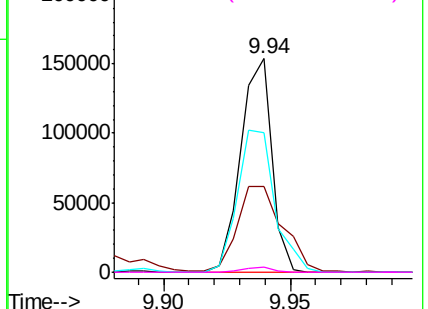
#57
 2,4-Dinitrotoluene
 Concen: 42.001 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Tot Ion:	165	Resp:	131248
Ion	Ratio	Lower	Upper
165	100		
63	40.3	31.9	47.9
89	65.3	53.6	80.4
182	2.5	1.8	2.6

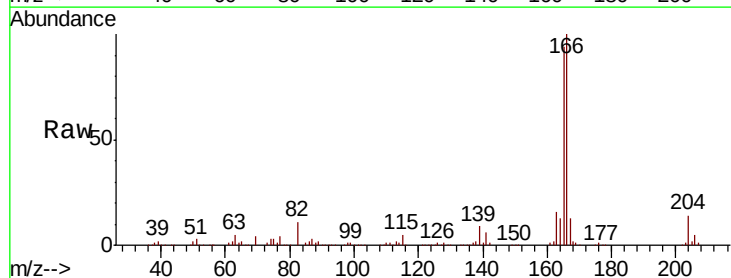


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

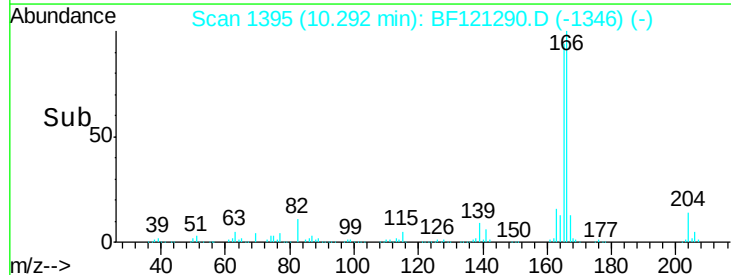
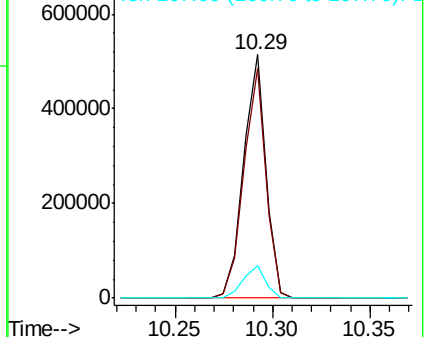


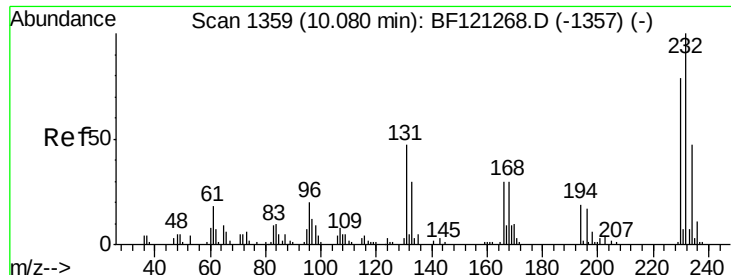
#58
 Fluorene
 Concen: 37.977 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:	166	Resp:	406474
Ion	Ratio	Lower	Upper
166	100		
165	94.3	75.0	112.6
167	13.3	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

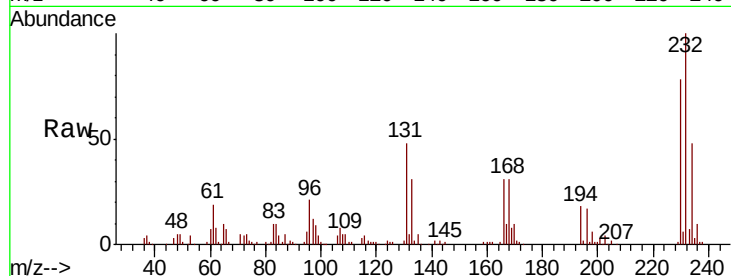




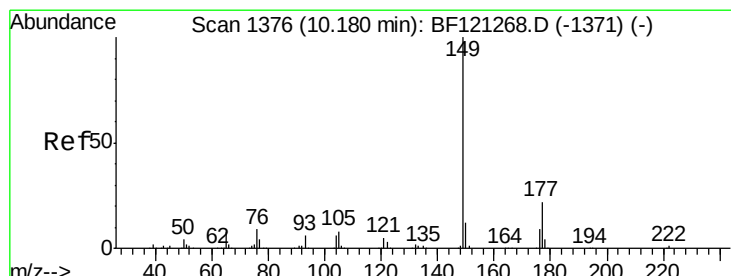
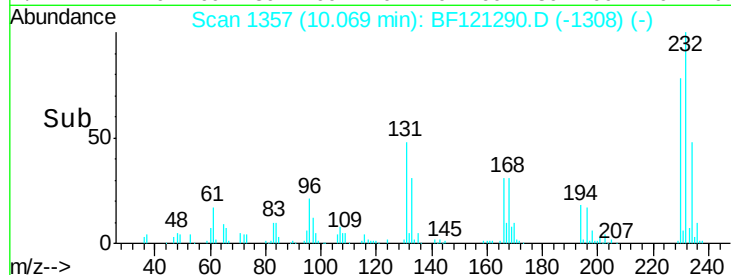
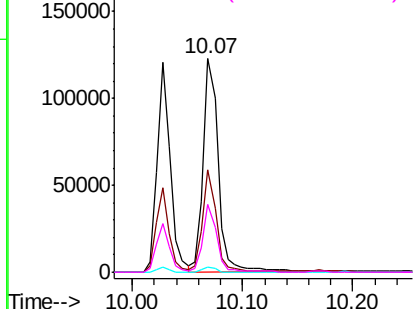
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.209 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Tot Ion:	232	Resp:	112250
Ion	Ratio	Lower	Upper
232	100		
131	44.9	36.6	55.0
130	2.0	1.6	2.4
166	29.8	23.5	35.3

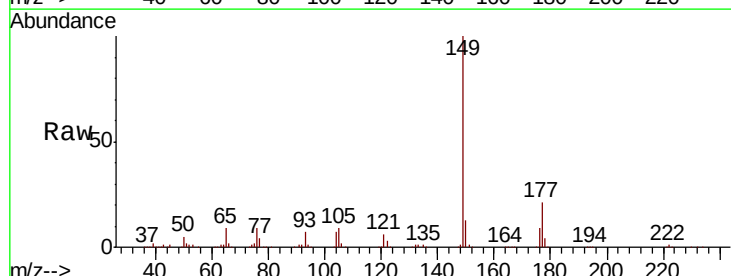


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

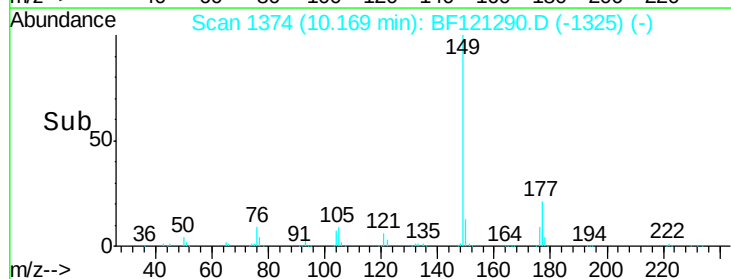
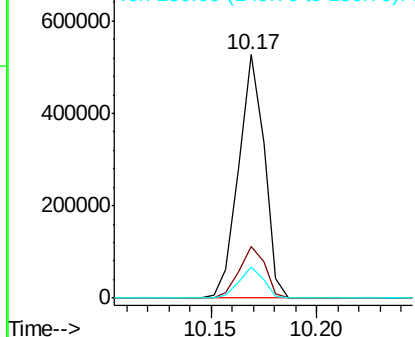


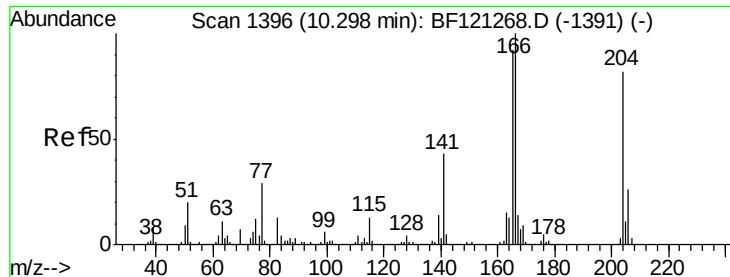
#60
 Diethylphthalate
 Concen: 40.921 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:	149	Resp:	444494
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.9	10.1	15.1



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

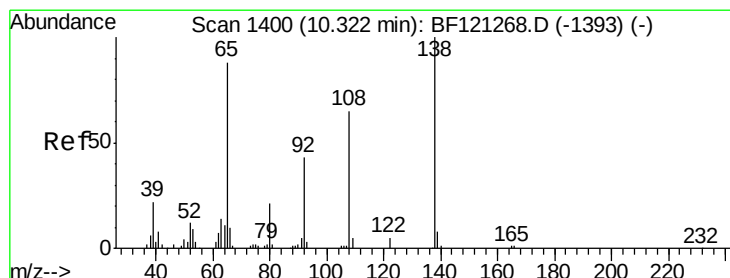
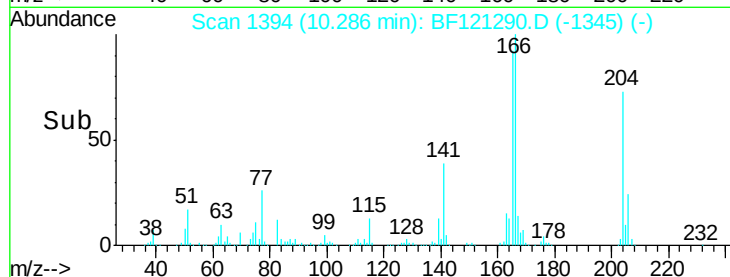
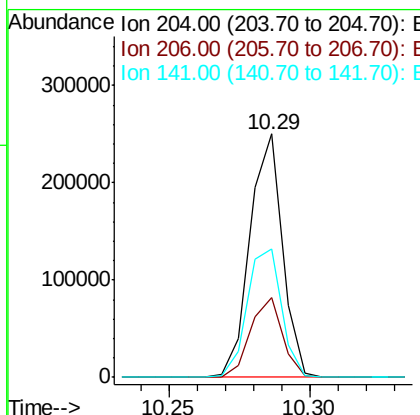
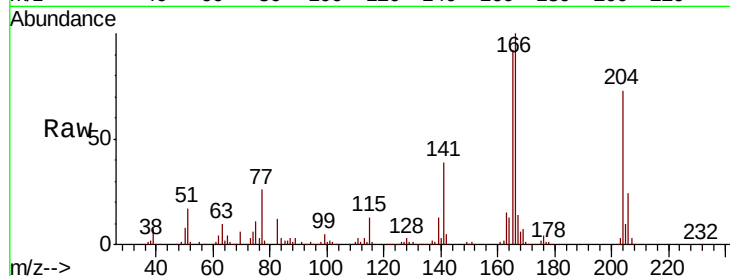




#61
4-Chlorophenyl-phenylether
Concen: 38.410 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

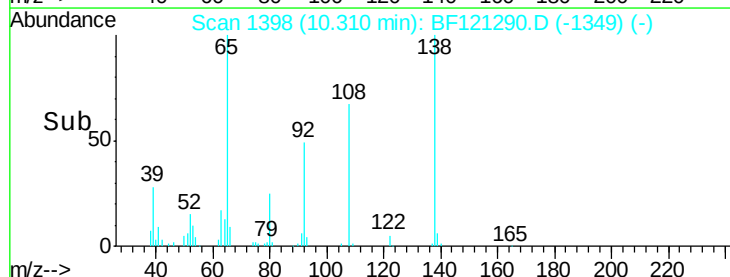
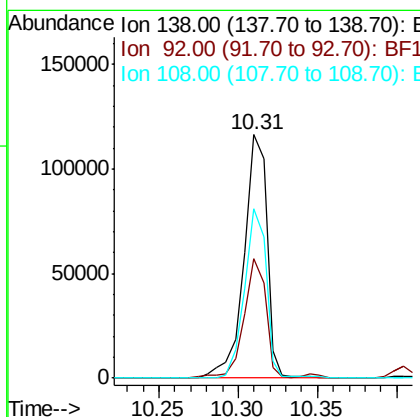
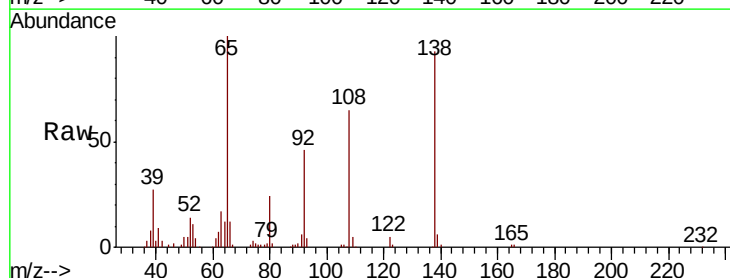
Instrument :
BNA_F
ClientSampleId :
PB130964BS

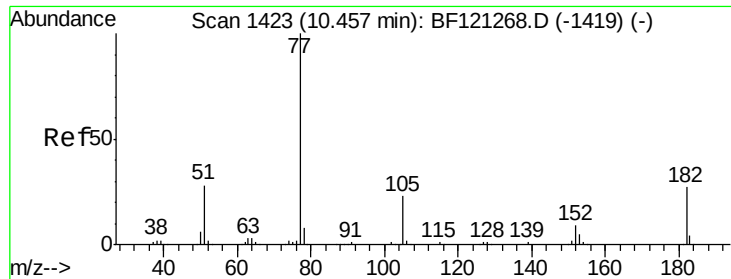
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	52.9	44.2	66.4



#62
4-Nitroaniline
Concen: 42.979 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	26.9	66.9
108	69.6	48.1	88.1

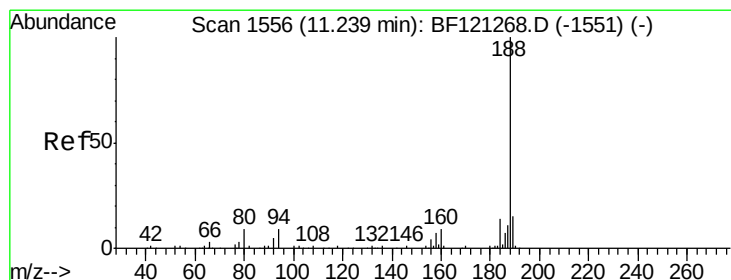
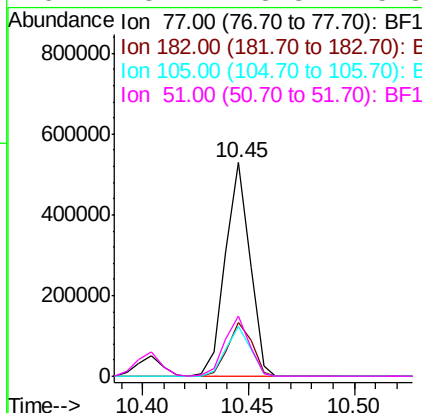
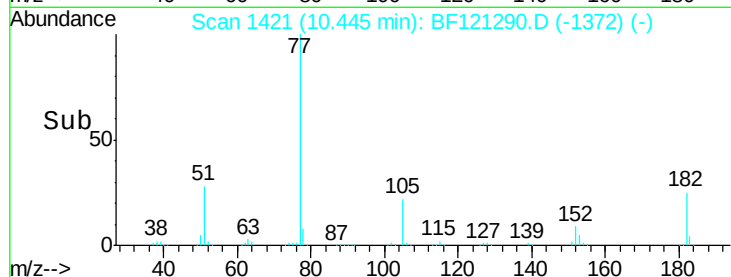
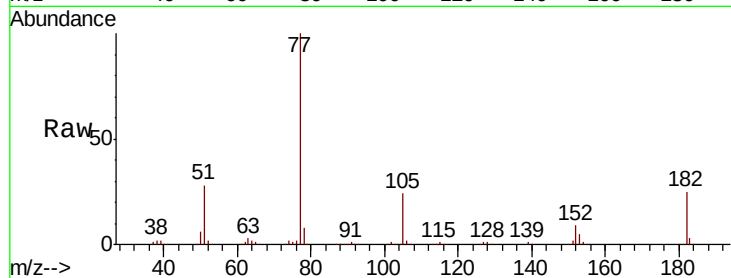




#63
Azobenzene
Concen: 39.064 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

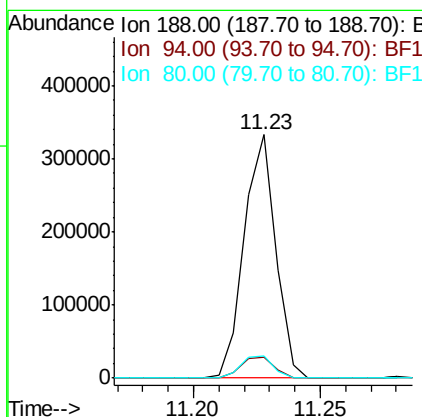
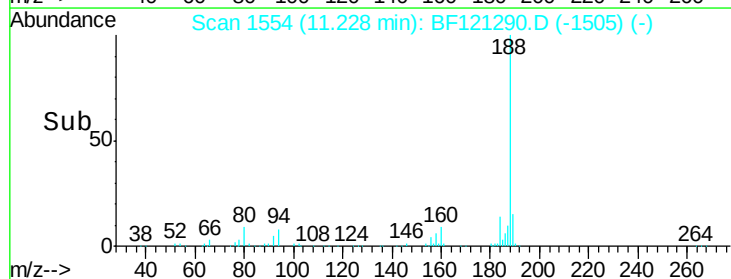
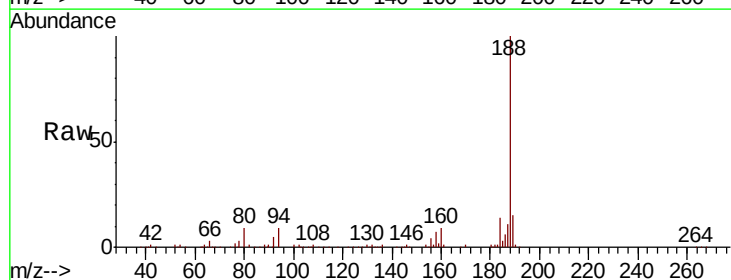
Instrument :
BNA_F
ClientSampleId :
PB130964BS

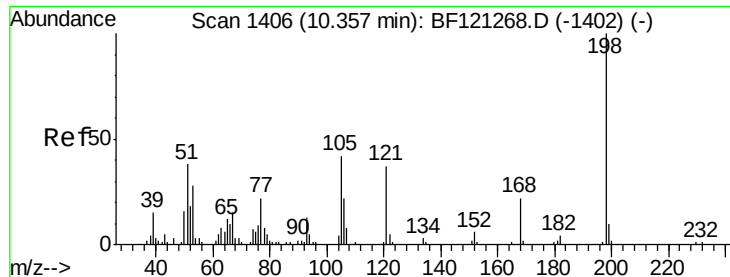
Tot Ion:	77	Resp:	423973
Ion	Ratio	Lower	Upper
77	100		
182	25.3	3.8	43.8
105	23.5	2.9	42.9
51	28.1	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:	188	Resp:	288312
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.0	7.4	11.0

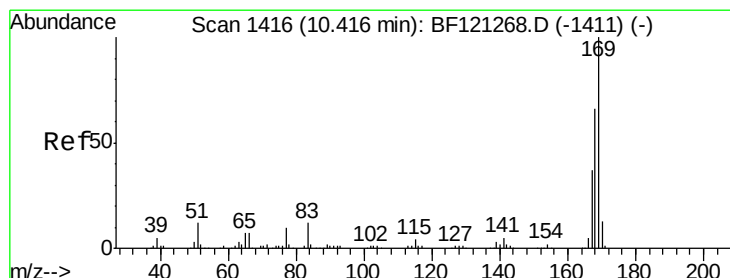
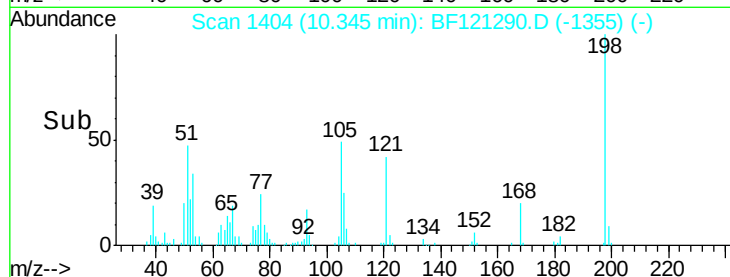
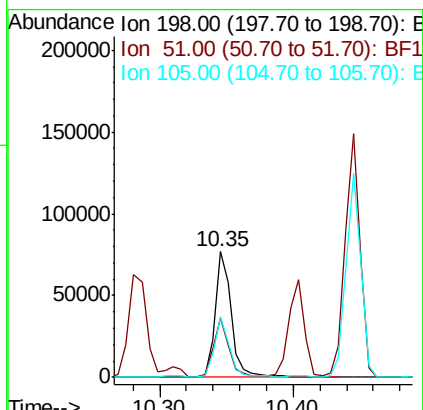
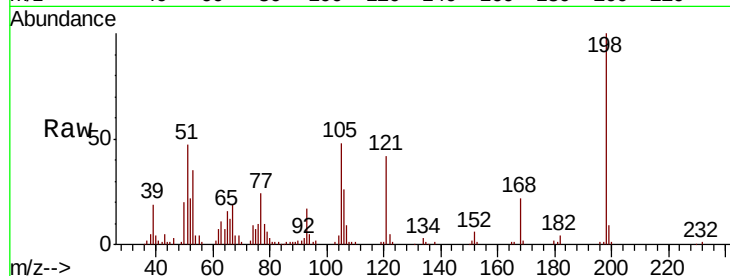




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.533 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

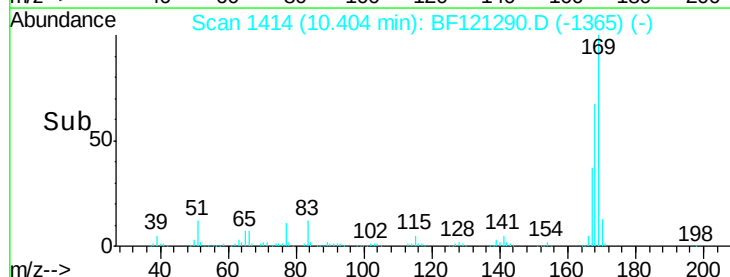
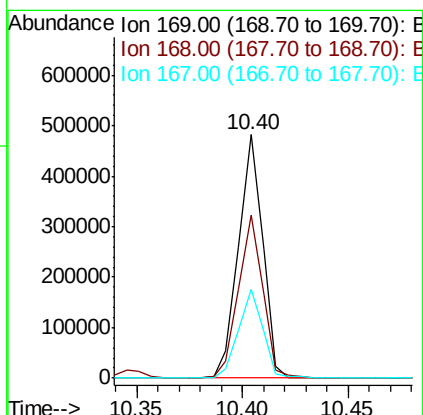
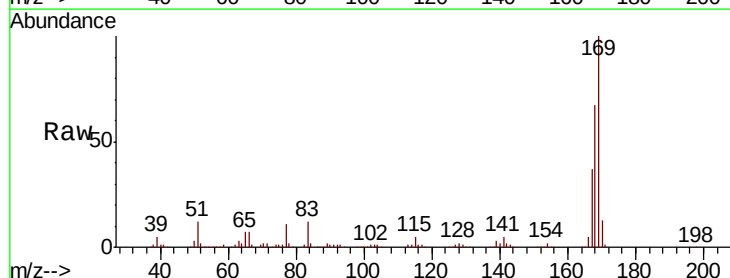
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

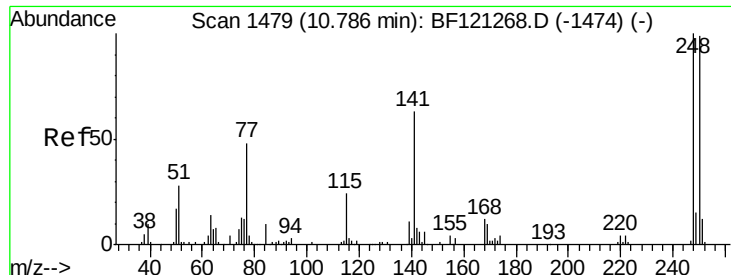
Tot Ion:198 Resp: 66442
 Ion Ratio Lower Upper
 198 100
 51 46.8 29.1 69.1
 105 48.4 28.3 68.3



#66
 n-Nitrosodiphenylamine
 Concen: 38.583 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:169 Resp: 381429
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.2 79.8
 167 36.6 29.2 43.8

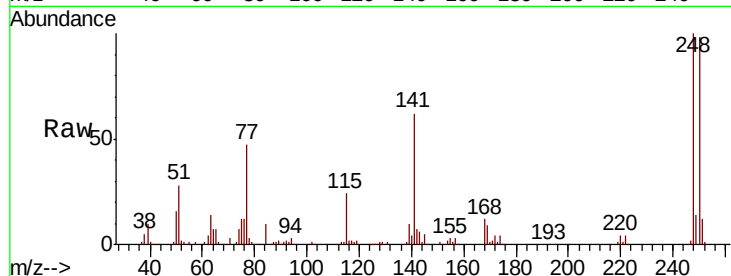




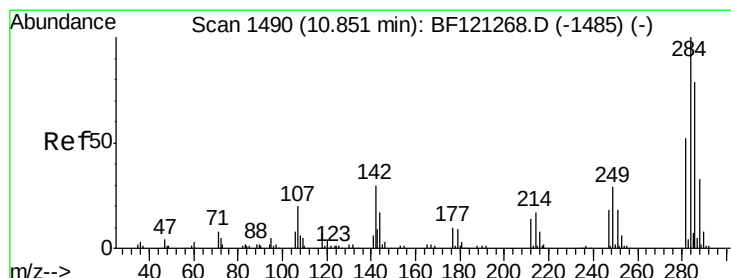
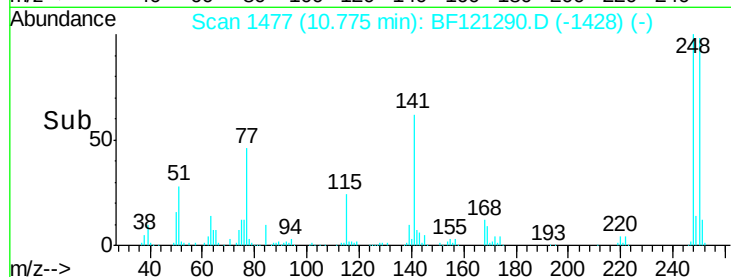
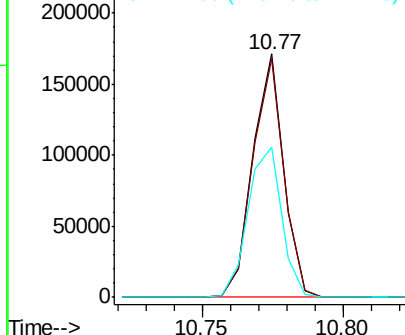
#67
 4-Bromophenyl-phenylether
 Concen: 38.672 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Tot Ion:248 Resp: 130056
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.7 116.5
 141 61.6 53.4 80.2

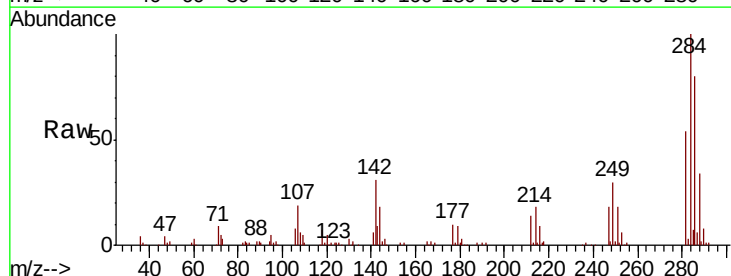


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

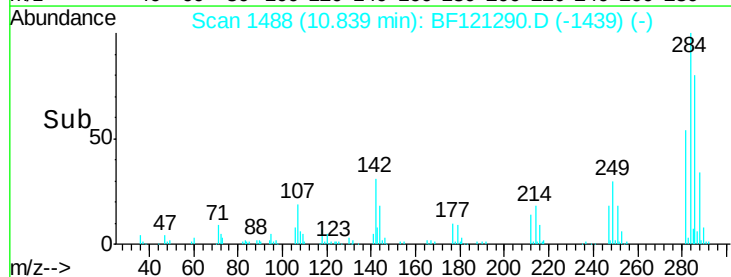
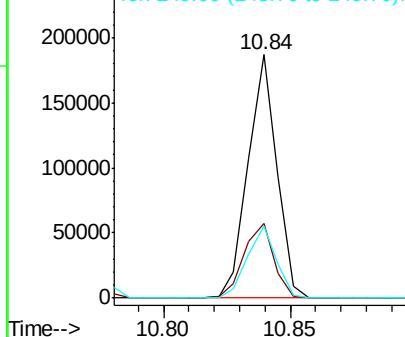


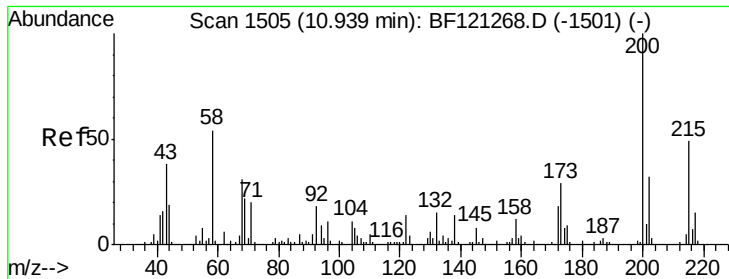
#68
 Hexachlorobenzene
 Concen: 38.511 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:284 Resp: 147689
 Ion Ratio Lower Upper
 284 100
 142 30.8 26.5 39.7
 249 29.8 23.8 35.6



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

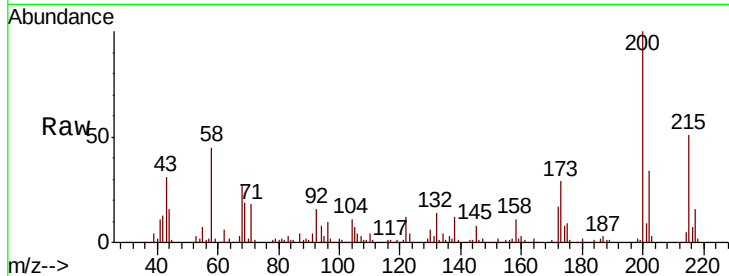




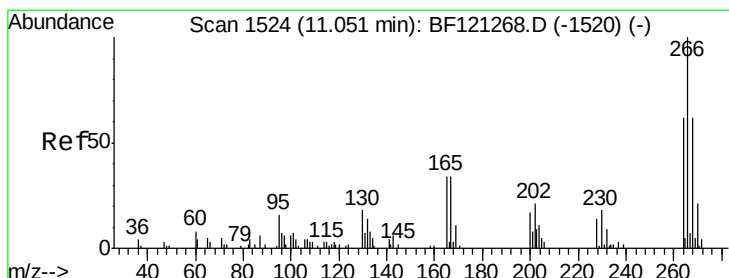
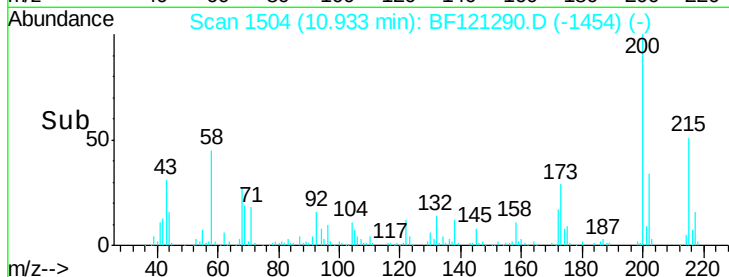
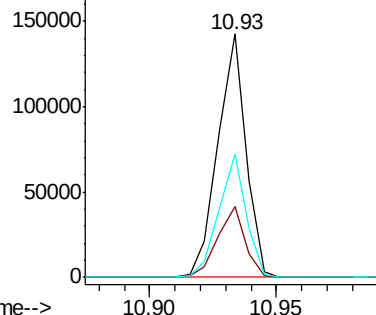
#69
 Atrazine
 Concen: 37.338 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

Tot Ion:200 Resp: 110407
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.7 47.7
 215 50.8 28.9 68.9

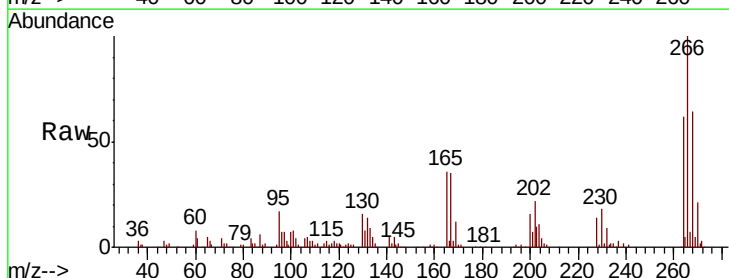


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

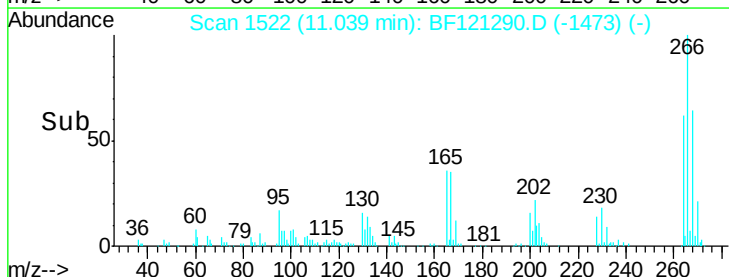
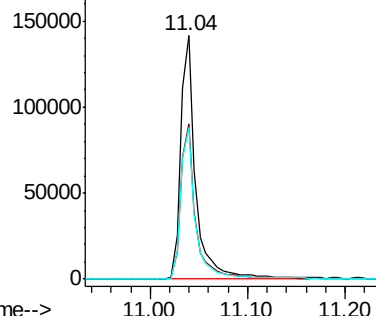


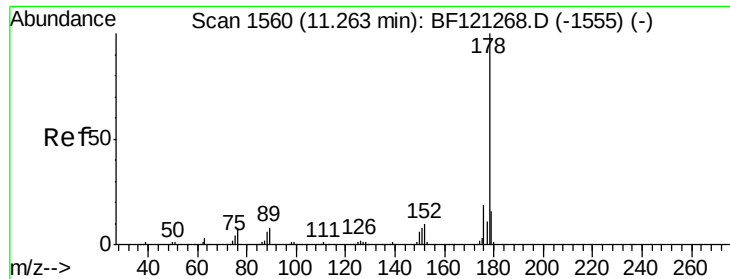
#70
 Pentachlorophenol
 Concen: 88.498 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:266 Resp: 152357
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.4
 264 62.3 50.6 76.0



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

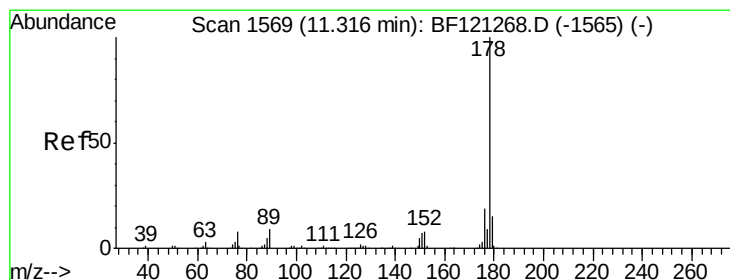
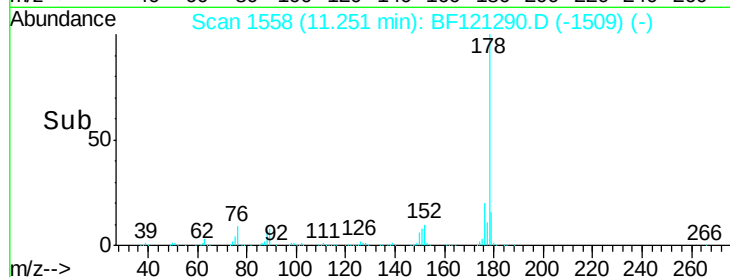
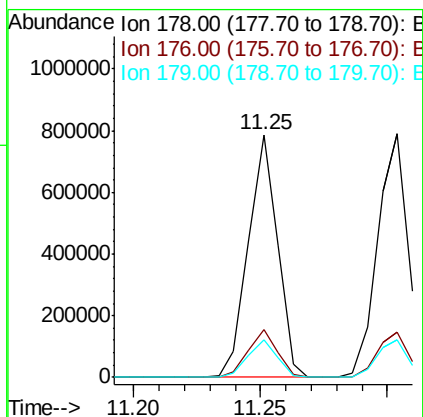
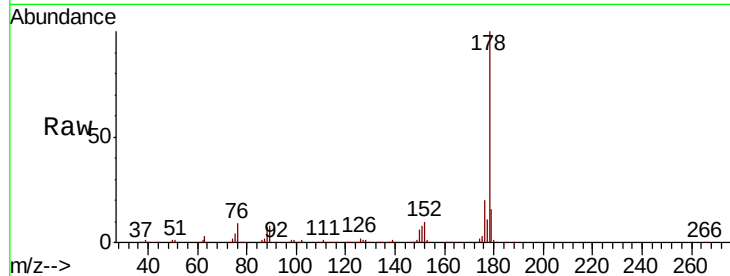




#71
Phenanthrene
Concen: 38.529 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

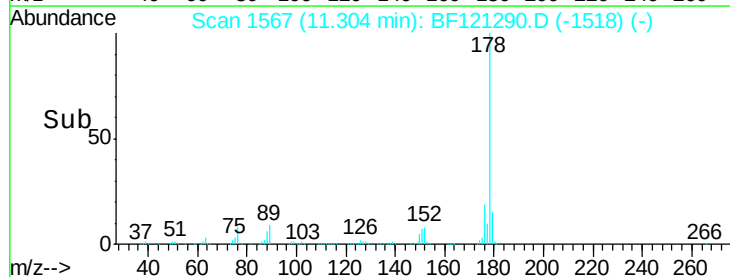
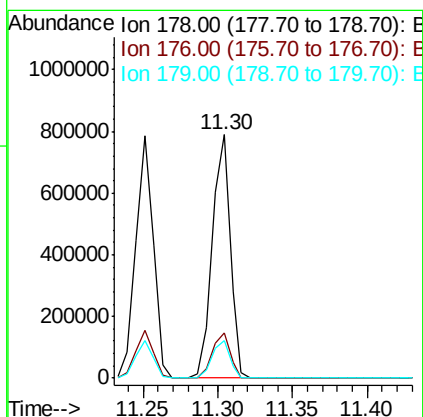
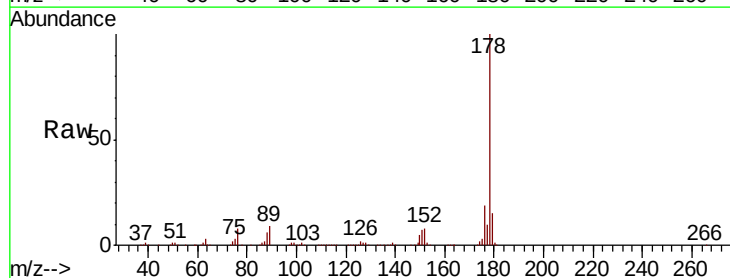
Instrument :
BNA_F
ClientSampleId :
PB130964BS

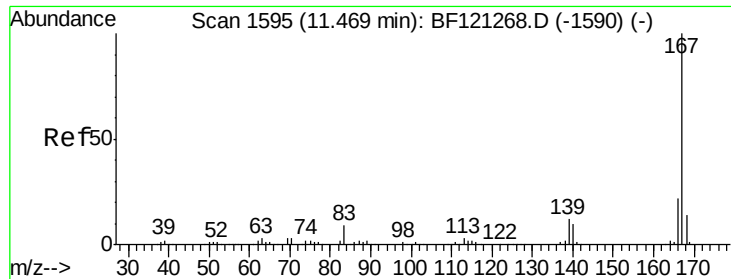
Tot Ion:178 Resp: 635496
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 39.922 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:178 Resp: 660786
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.2 12.4 18.6

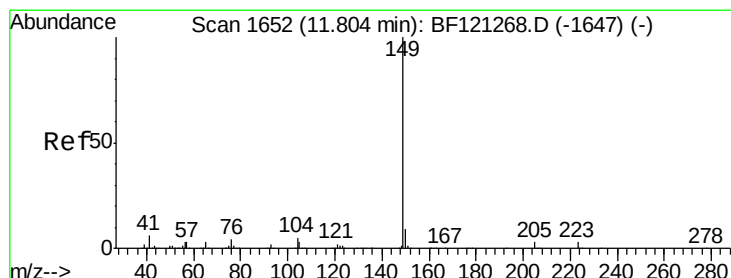
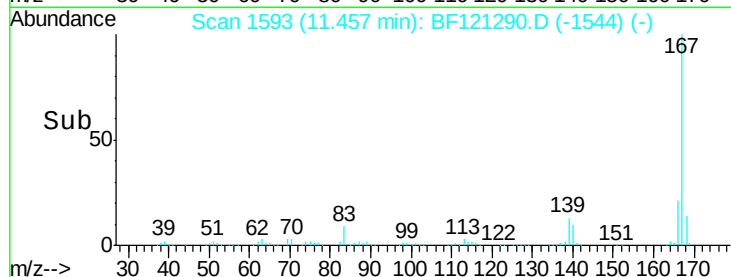
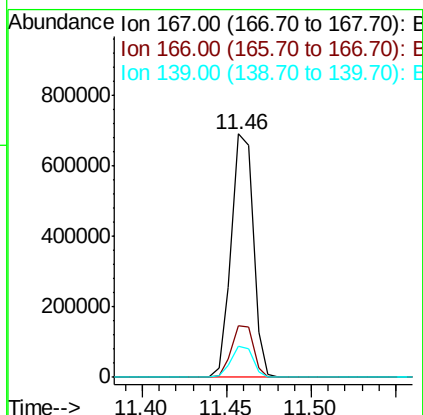
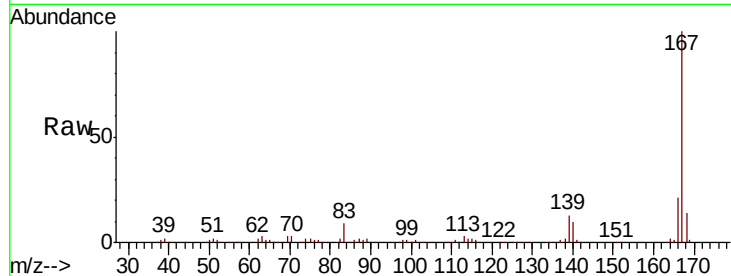




#73
 Carbazole
 Concen: 38.800 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

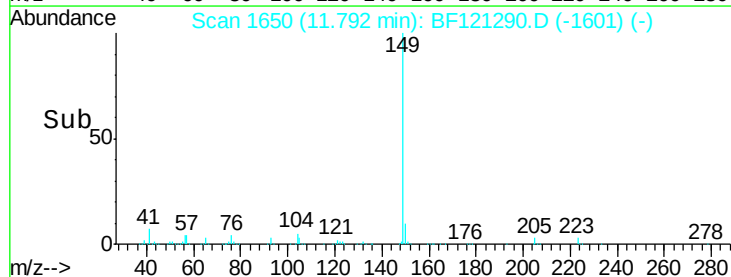
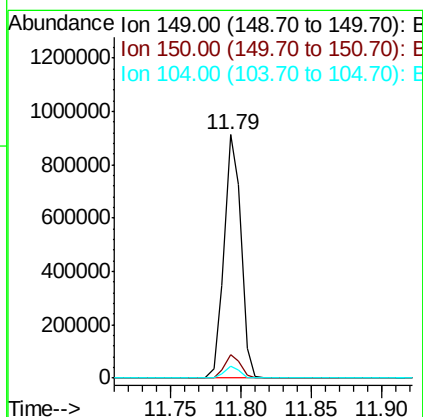
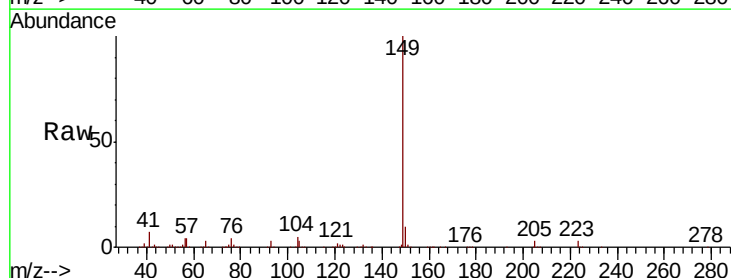
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

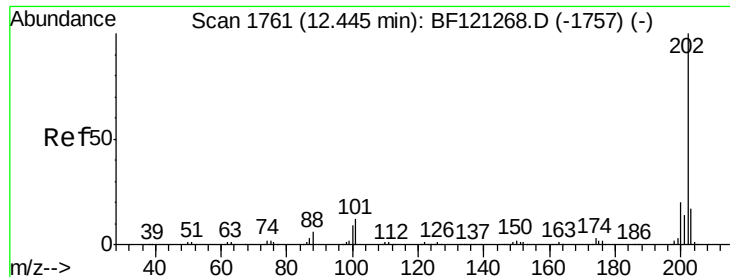
Tot Ion:167 Resp: 628080
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.378 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:149 Resp: 756044
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 3.7 5.5

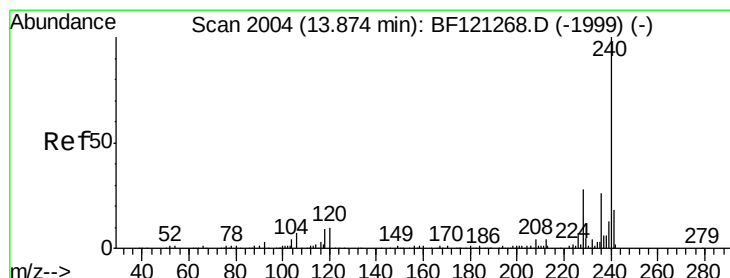
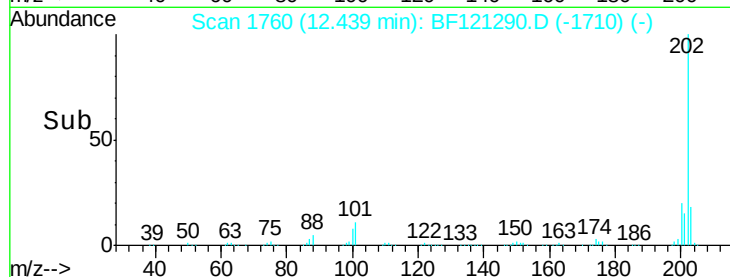
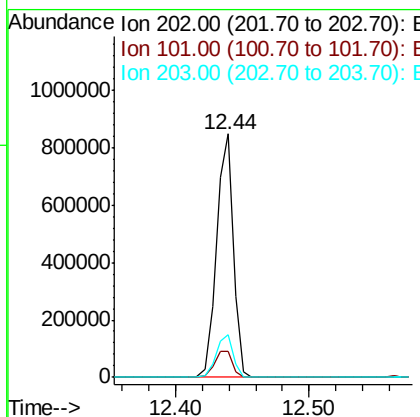
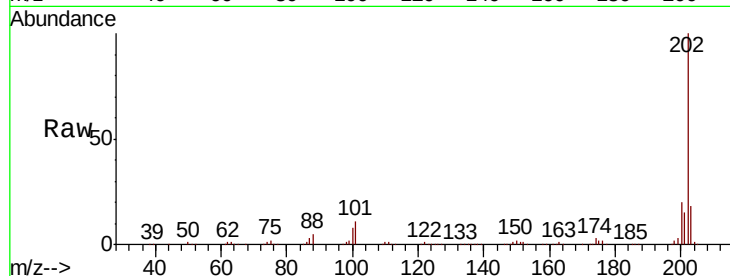




#75
 Fluoranthene
 Concen: 41.002 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

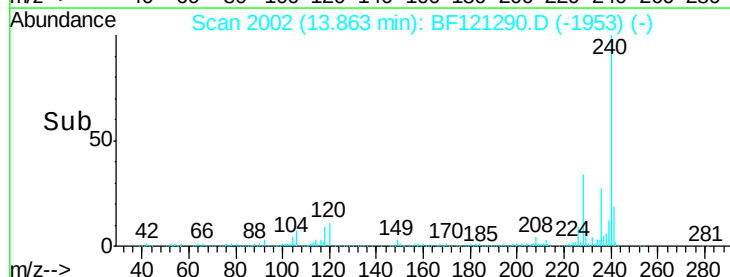
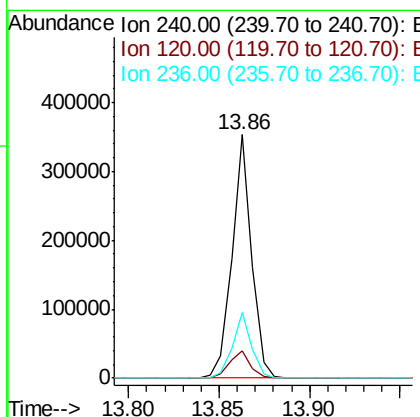
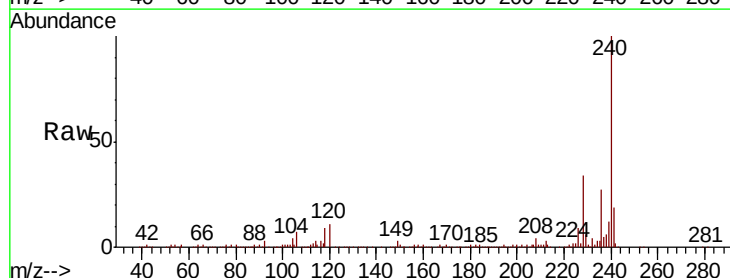
Instrument :
 BNA_F
 ClientSampled :
 PB130964BS

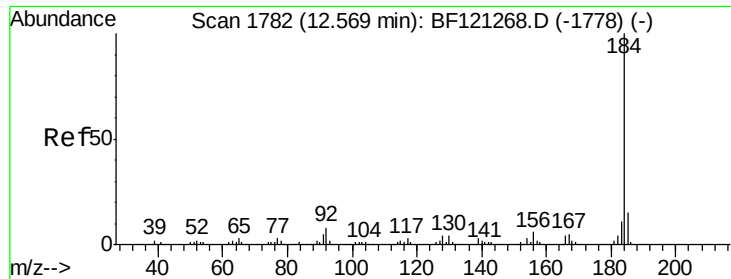
Tot Ion:202 Resp: 753043
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.6
 203 17.5 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion:240 Resp: 264486
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.2 13.8
 236 26.7 21.0 31.4





#77

Benzidine

Concen: 71.131 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

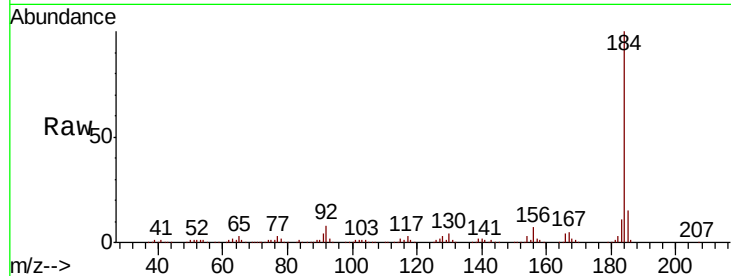
Tot Ion:184 Resp: 494574

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

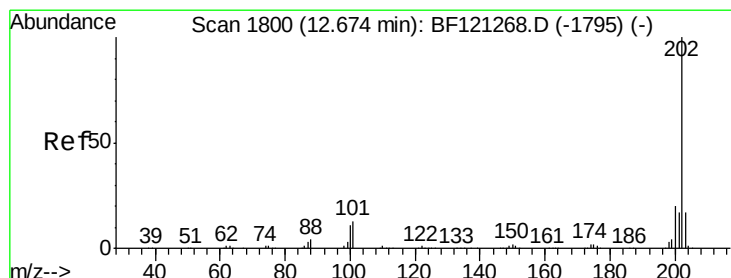
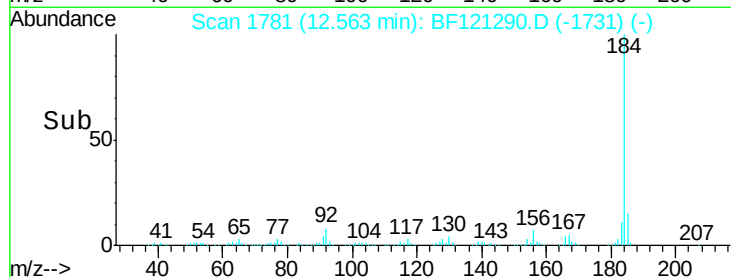
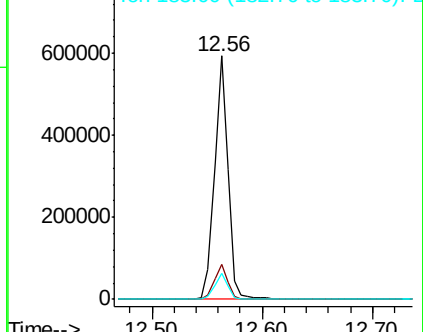
183 10.7 8.3 12.5



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: 39.440 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

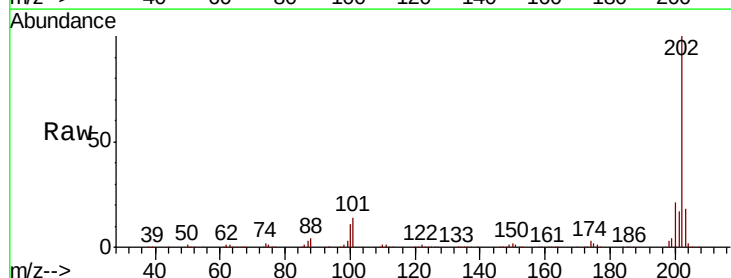
Tgt Ion:202 Resp: 776793

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

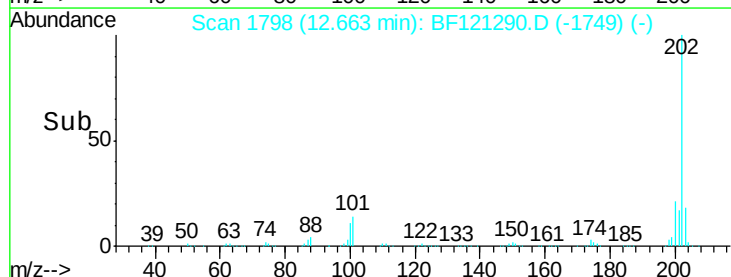
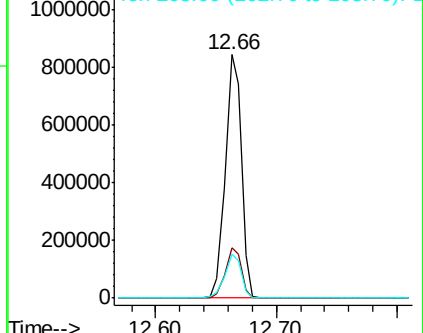
203 18.0 13.8 20.8

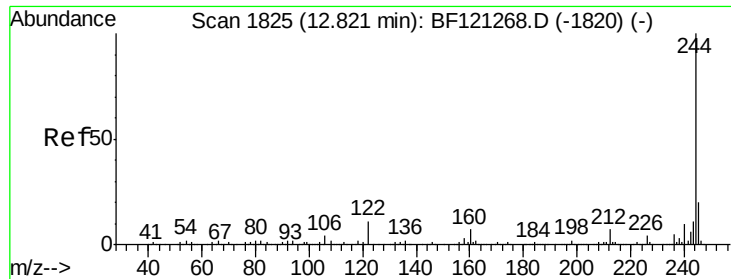


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.528 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

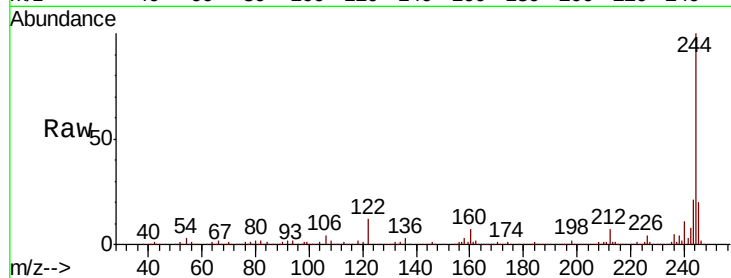
Tot Ion:244 Resp: 875518

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

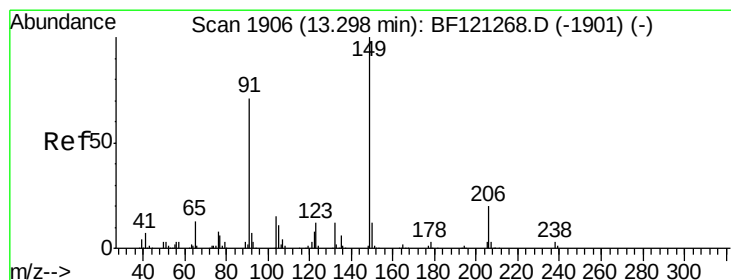
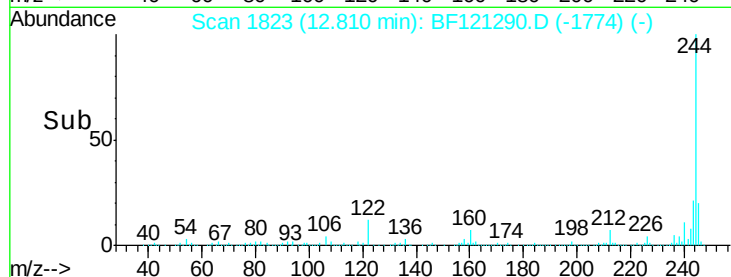
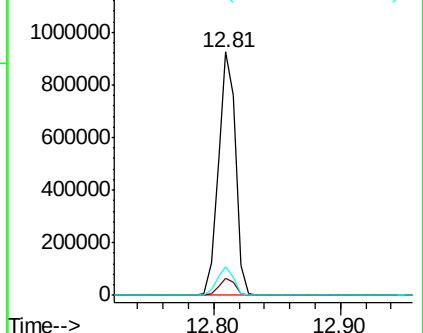
122 11.6 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.171 ng

RT: 13.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

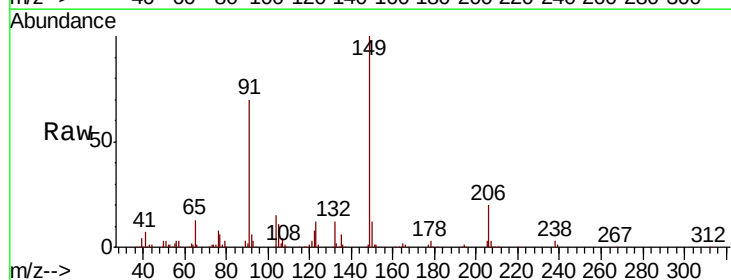
Tgt Ion:149 Resp: 347315

Ion Ratio Lower Upper

149 100

91 70.1 55.4 83.2

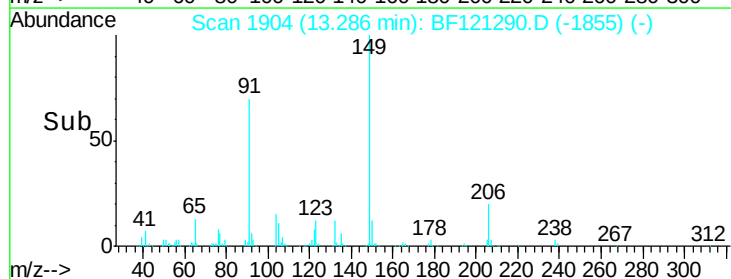
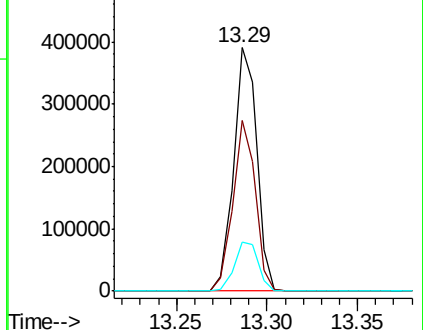
206 19.9 16.0 24.0

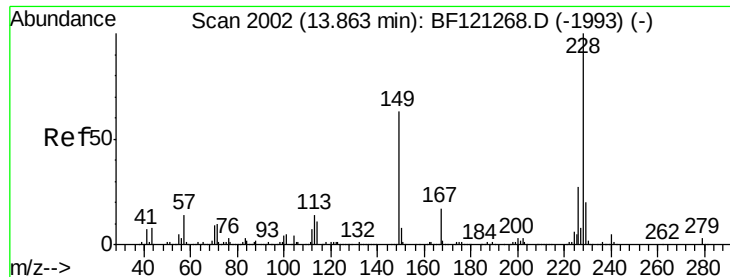


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.674 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

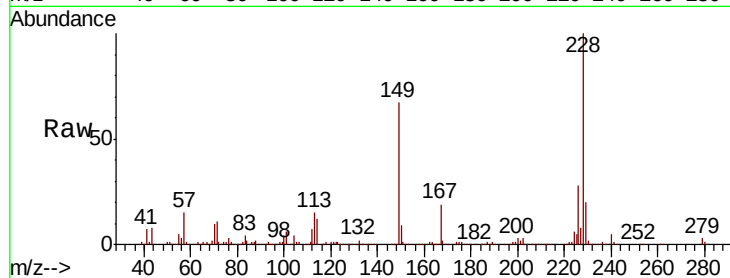
Tot Ion:228 Resp: 693772

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

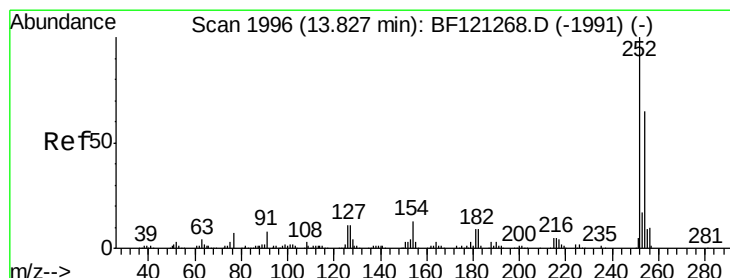
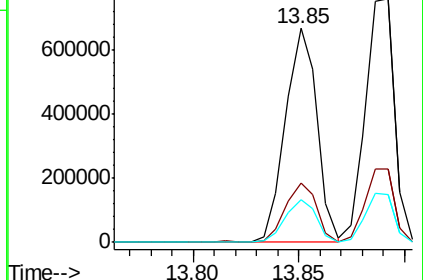
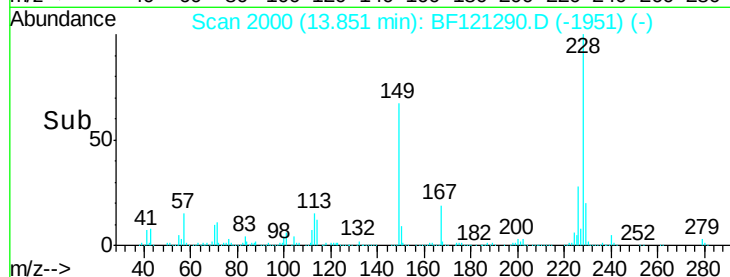
229 20.0 16.0 24.0



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: 30.941 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

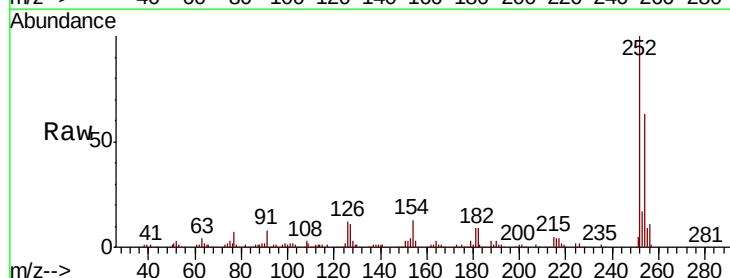
Tgt Ion:252 Resp: 220219

Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

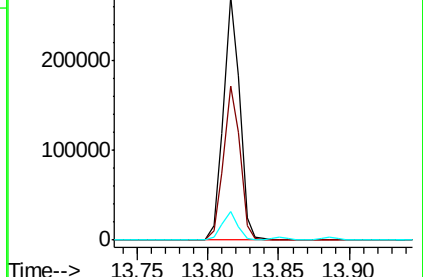
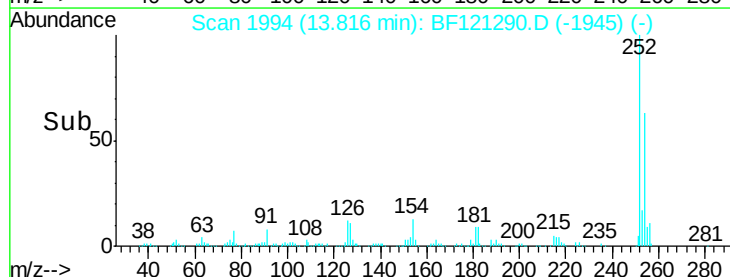
126 11.9 9.7 14.5

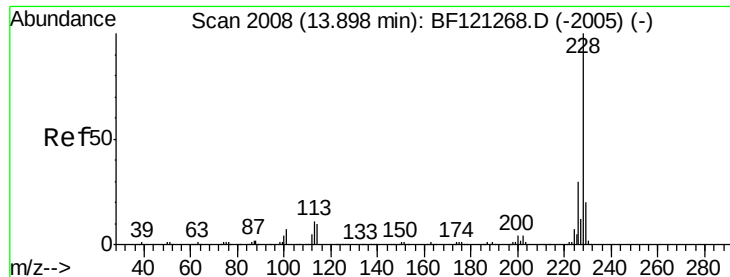


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.852 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

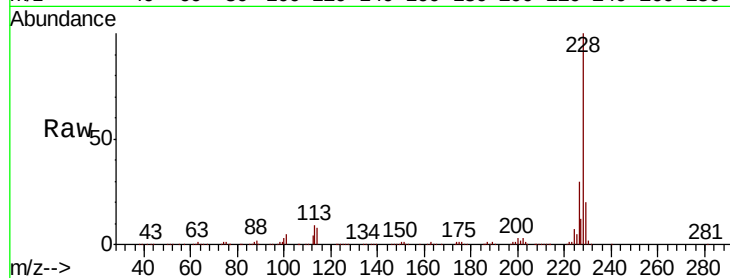
Tot Ion:228 Resp: 729899

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

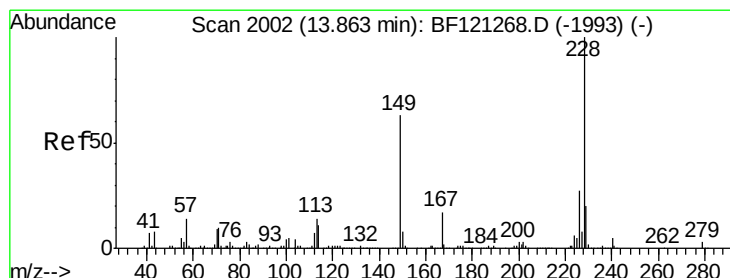
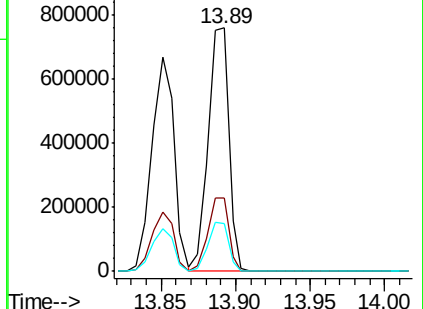
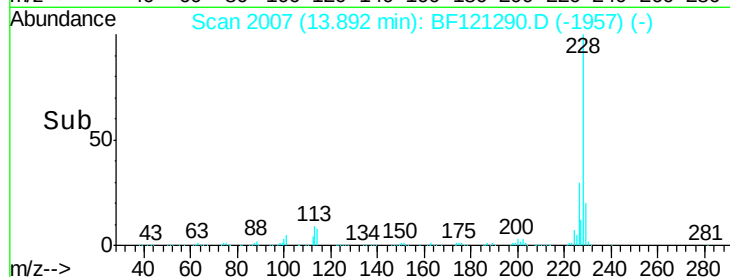
229 19.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.086 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

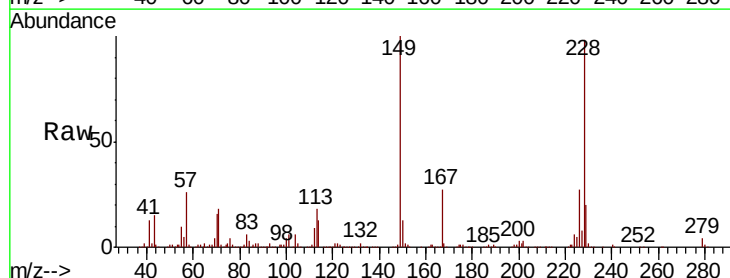
Tgt Ion:149 Resp: 444507

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

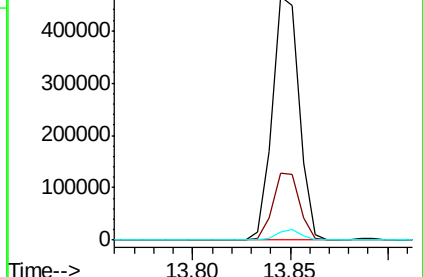
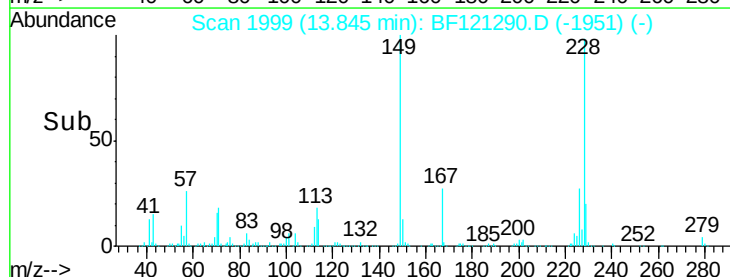
279 3.5 3.4 5.0

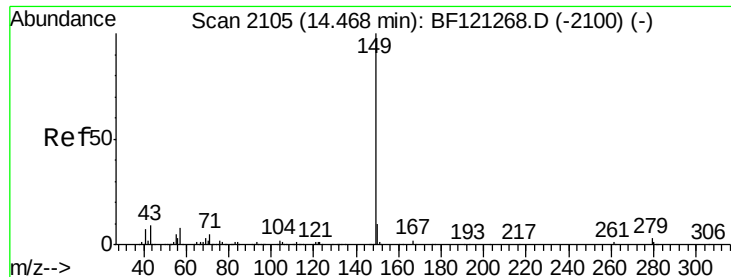


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.670 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

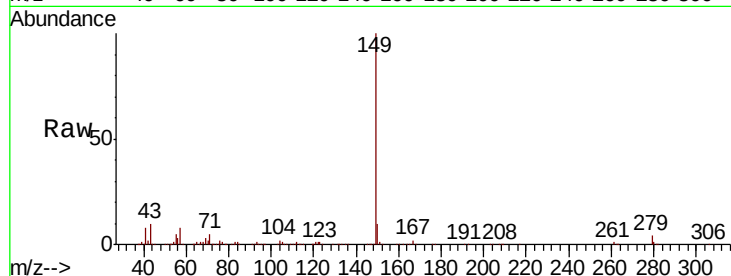
Tot Ion:149 Resp: 887868

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

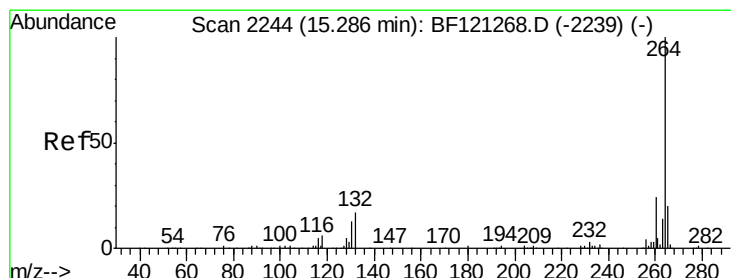
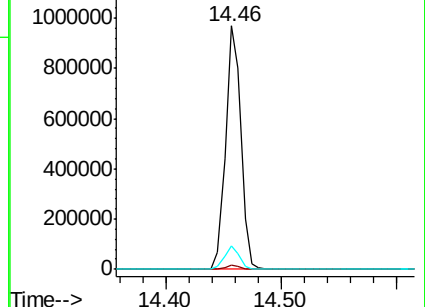
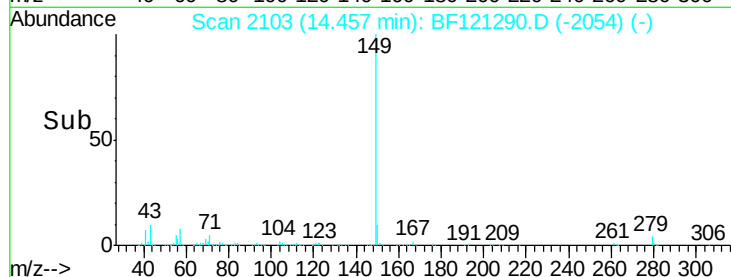
43 9.1 7.4 11.0



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: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

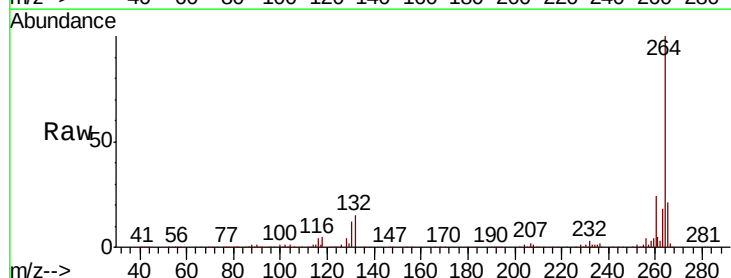
Tgt Ion:264 Resp: 310930

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

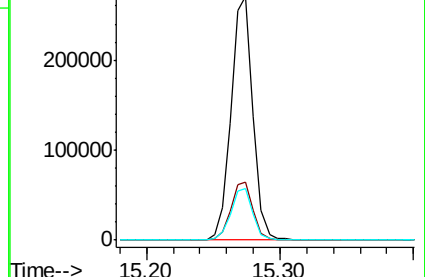
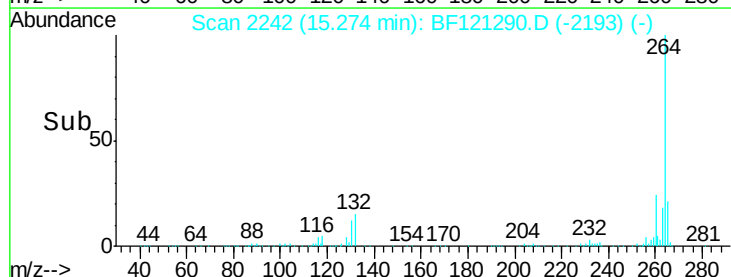
265 21.4 17.1 25.7

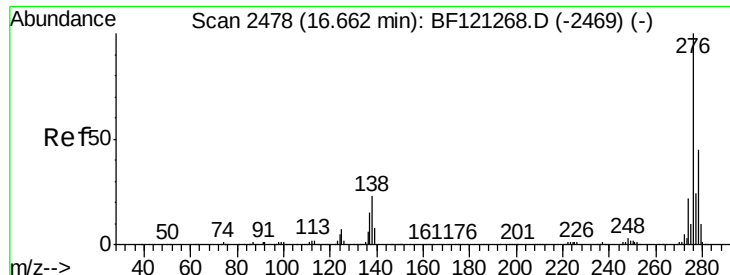


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

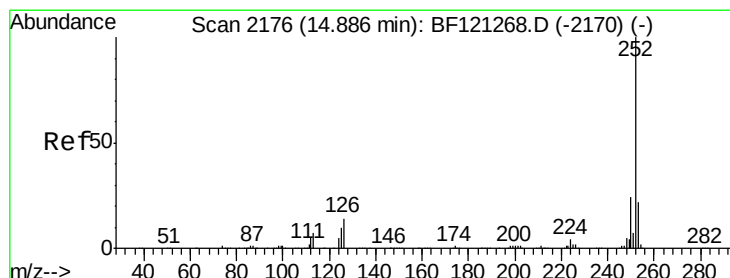
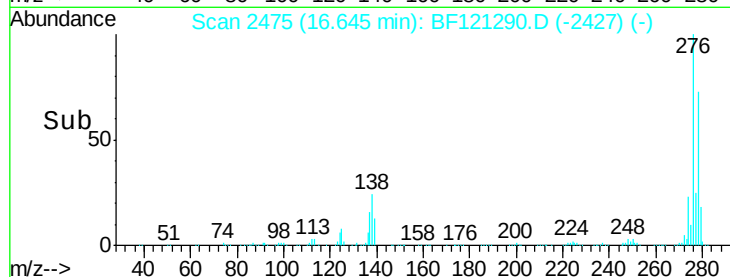
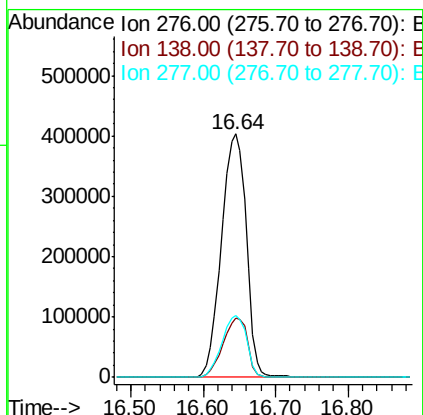
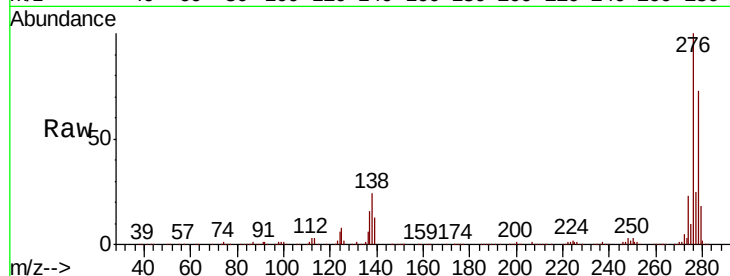




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.643 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.02 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

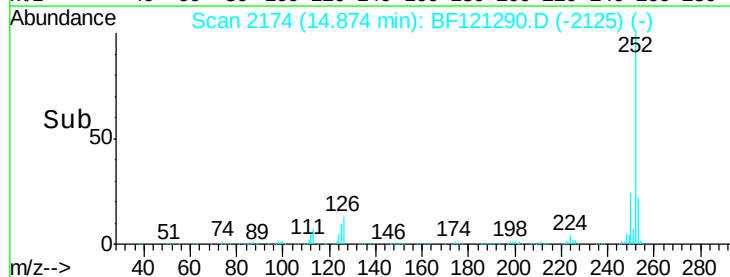
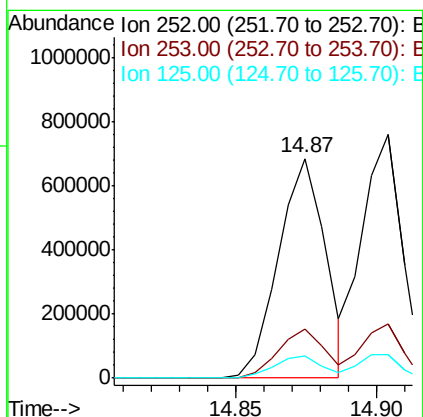
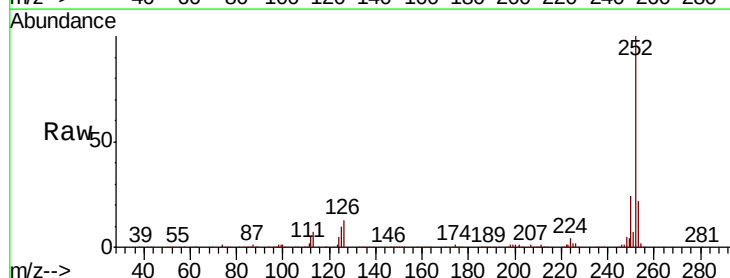
Instrument :
 BNA_F
 ClientSampleId :
 PB130964BS

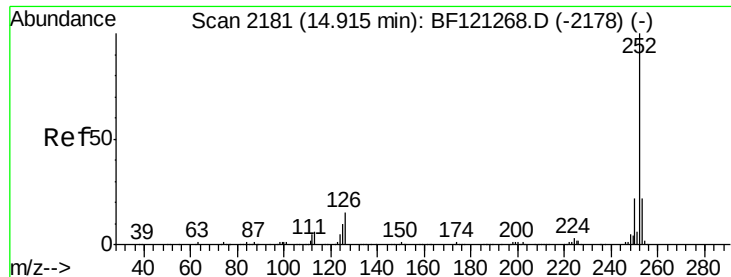
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.6	29.4
277	25.2	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 37.897 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF121290.D
 Acq: 14 Aug 2020 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.2	7.6	11.4

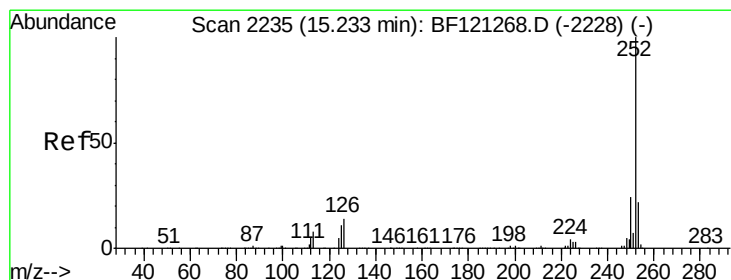
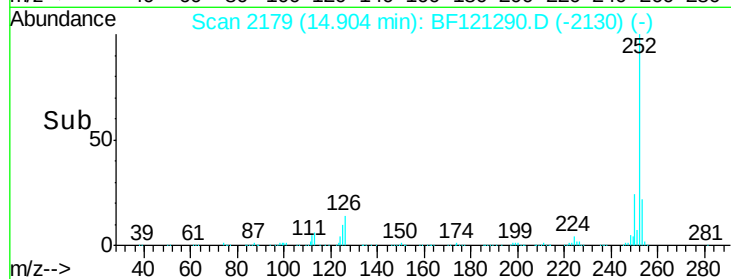
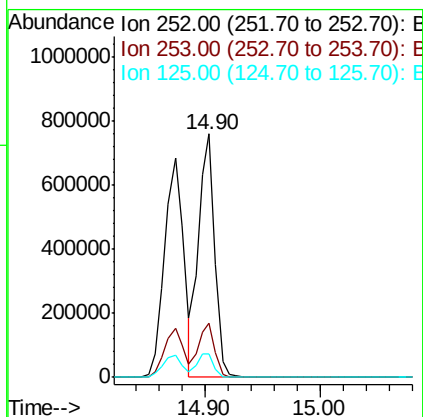
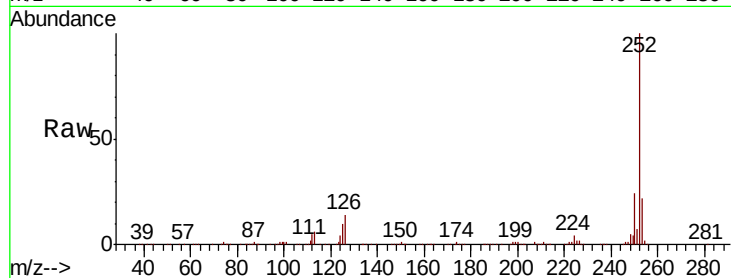




#89
Benzo(k)fluoranthene
Concen: 38.982 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

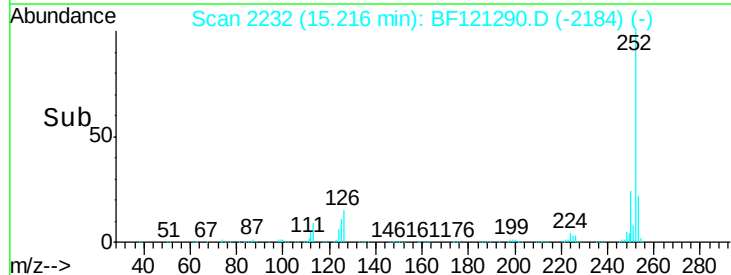
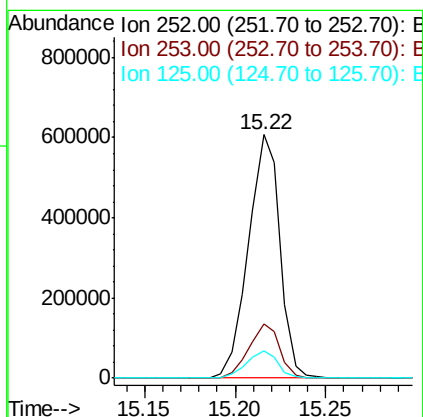
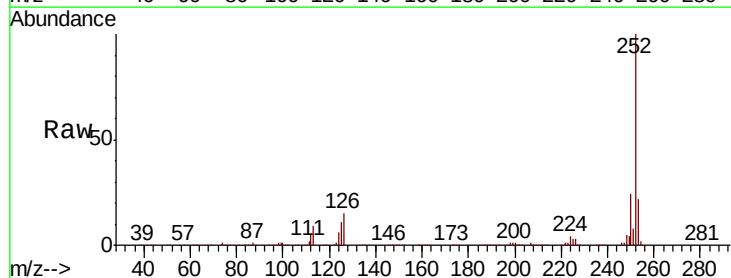
Instrument :
BNA_F
ClientSampleId :
PB130964BS

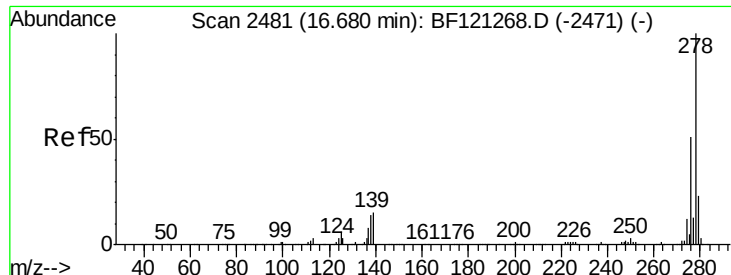
Tot Ion:252 Resp: 754157
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.8 8.8 13.2



#90
Benzo(a)pyrene
Concen: 39.069 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF121290.D
Acq: 14 Aug 2020 17:46

Tgt Ion:252 Resp: 734649
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.4 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 40.028 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

Instrument :

BNA_F

ClientSampleId :

PB130964BS

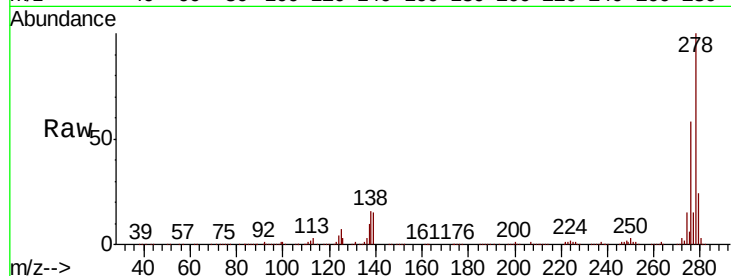
Tot Ion:278 Resp: 792888

Ion Ratio Lower Upper

278 100

139 15.3 12.6 19.0

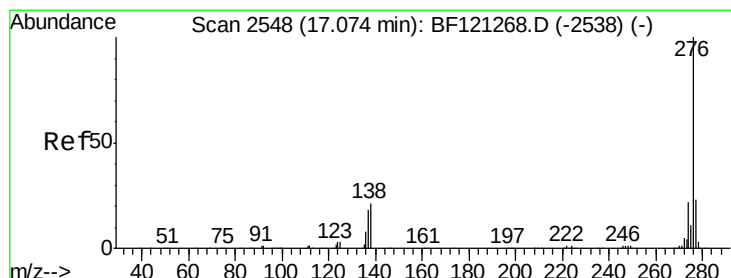
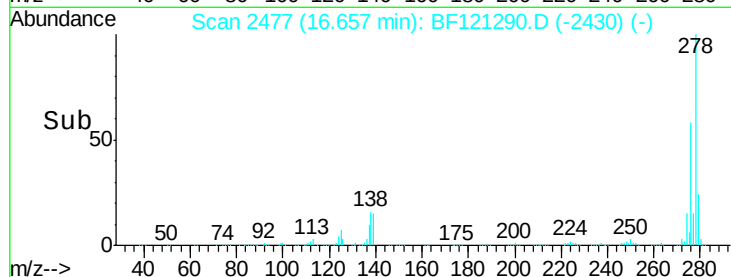
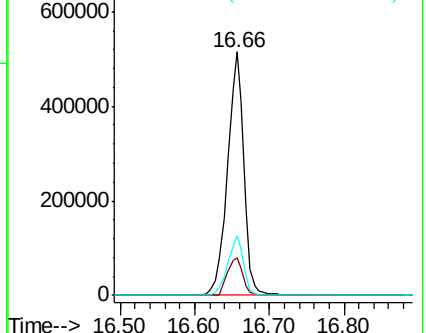
279 24.3 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.341 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF121290.D

Acq: 14 Aug 2020 17:46

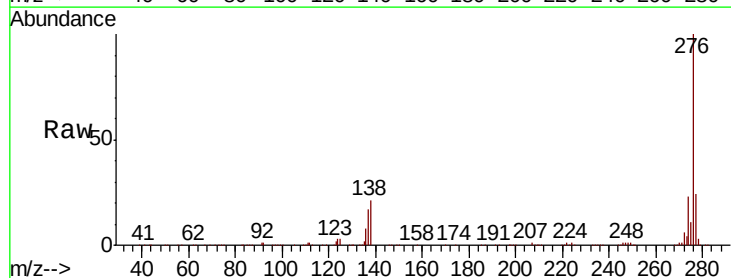
Tgt Ion:276 Resp: 827671

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 21.3 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

