

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120965.D
 Acq On : 22 Jul 2020 15:22
 Operator : JU/CG
 Sample : PB130393BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 17:11:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151122	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	575228	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	300361	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	564348	20.00	ng	0.00
76) Chrysene-d12	13.97	240	450637	20.00	ng	0.00
86) Perylene-d12	15.42	264	451719	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	996546	108.10	ng	0.01
7) Phenol-d6	6.45	99	1205101	101.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	754866	75.93	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	357354	108.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1383889	68.79	ng	0.00
79) Terphenyl-d14	12.92	244	1452526	70.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	141913	33.450	ng	100
3) Pyridine	3.33	79	349162	30.937	ng	98
4) n-Nitrosodimethylamine	3.28	42	183054	37.930	ng	95
6) Aniline	6.47	93	568841	36.596	ng	100
8) 2-Chlorophenol	6.60	128	416359	40.999	ng	99
9) Benzaldehyde	6.36	77	308237	61.562	ng	100
10) Phenol	6.46	94	505910	38.622	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	394715	39.319	ng	99
12) 1,3-Dichlorobenzene	6.76	146	424576	38.556	ng	98
13) 1,4-Dichlorobenzene	6.83	146	427929	39.081	ng	98
14) 1,2-Dichlorobenzene	6.99	146	412273	39.799	ng	98
15) Benzyl Alcohol	6.96	79	322796	38.332	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	552515	38.185	ng	99
17) 2-Methylphenol	7.07	107	324542	36.057	ng	98
18) Hexachloroethane	7.33	117	160980	40.619	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	255133	37.679	ng	97
20) 3+4-Methylphenols	7.22	107	371892	32.480	ng	# 90
22) Acetophenone	7.23	105	516750	40.028	ng	99
24) Nitrobenzene	7.40	77	417894	39.002	ng	98
25) Isophorone	7.64	82	760151	38.313	ng	100
26) 2-Nitrophenol	7.71	139	213615	41.978	ng	94
27) 2,4-Dimethylphenol	7.75	122	354409	42.896	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	487963	40.291	ng	100
29) 2,4-Dichlorophenol	7.96	162	342569	40.576	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	367791	39.265	ng	99
31) Naphthalene	8.12	128	1150002	38.975	ng	99
32) Benzoic acid	7.87	122	223579	36.049	ng	96
33) 4-Chloroaniline	8.17	127	435031	33.050	ng	98
34) Hexachlorobutadiene	8.24	225	212625	38.506	ng	99
35) Caprolactam	8.54	113	90835	33.550	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	346390	40.005	ng	98
37) 2-Methylnaphthalene	8.81	142	773984	40.399	ng	99
38) 1-Methylnaphthalene	8.91	142	729260	40.190	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	343940	39.302	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	404021	83.534	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	244151	39.624	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	260199	37.228	ng	99
46) 1,1'-Biphenyl	9.27	154	933471	40.742	ng	99
47) 2-Chloronaphthalene	9.30	162	721027	38.599	ng	99
48) 2-Nitroaniline	9.39	65	220315	39.027	ng	99
49) Acenaphthylene	9.72	152	1150642	39.651	ng	100
50) Dimethylphthalate	9.57	163	859753	39.676	ng	98
51) 2,6-Dinitrotoluene	9.63	165	190042	40.822	ng	99
52) Acenaphthene	9.89	154	698191	37.843	ng	99
53) 3-Nitroaniline	9.80	138	171834	29.430	ng	99
54) 2,4-Dinitrophenol	9.91	184	175597	66.765	ng	89
55) Dibenzofuran	10.06	168	1024989	38.418	ng	100
56) 4-Nitrophenol	9.97	139	326165	73.539	ng	99
57) 2,4-Dinitrotoluene	10.04	165	253732	41.503	ng	99
58) Fluorene	10.40	166	738501	37.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225533	42.381	ng	98
60) Diethylphthalate	10.27	149	863587	39.401	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	365470	34.434	ng	98
62) 4-Nitroaniline	10.42	138	210868	37.076	ng	98
63) Azobenzene	10.55	77	821876	39.388	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	119995	37.640	ng	96
66) n-Nitrosodiphenylamine	10.51	169	724408	40.804	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	249563	39.663	ng	96
68) Hexachlorobenzene	10.95	284	281459	41.352	ng	94
69) Atrazine	11.04	200	206205	46.900	ng	100
70) Pentachlorophenol	11.14	266	321147	82.361	ng	99
71) Phenanthrene	11.36	178	1139344	39.254	ng	100
72) Anthracene	11.41	178	1203068	41.279	ng	100
73) Carbazole	11.56	167	1113518	38.499	ng	99
74) Di-n-butylphthalate	11.90	149	1376753	41.248	ng	100
75) Fluoranthene	12.55	202	1294014	40.222	ng	99
77) Benzidine	12.67	184	923805	77.971	ng	99
78) Pyrene	12.77	202	1319296	41.409	ng	100
80) Butylbenzylphthalate	13.40	149	598052	42.108	ng	95
81) Benzo(a)anthracene	13.96	228	1074115	39.362	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	405229	39.361	ng	99
83) Chrysene	14.00	228	1154423	40.256	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	739918	42.248	ng	100
85) Di-n-octyl phthalate	14.57	149	1449280	41.594	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1177493	37.481	ng	99
88) Benzo(b)fluoranthene	15.00	252	1173844	42.990	ng	99
89) Benzo(k)fluoranthene	15.03	252	1063569	42.710	ng	99
90) Benzo(a)pyrene	15.36	252	1023073	41.068	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	997307	38.864	ng	98
92) Benzo(g,h,i)perylene	17.27	276	947757	37.457	ng	99

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

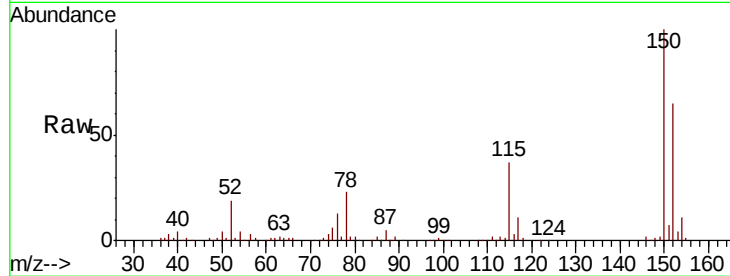


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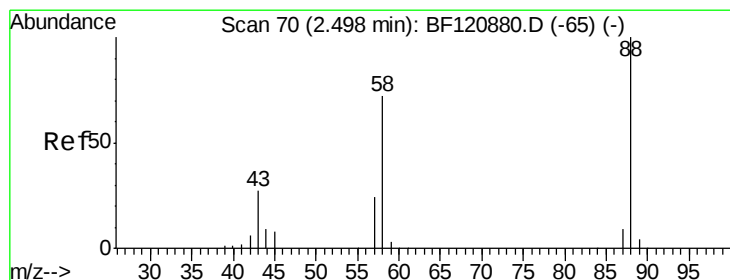
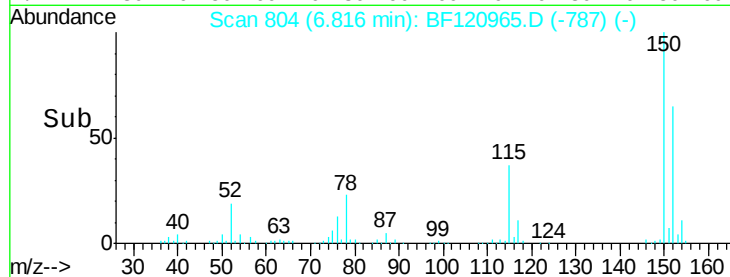
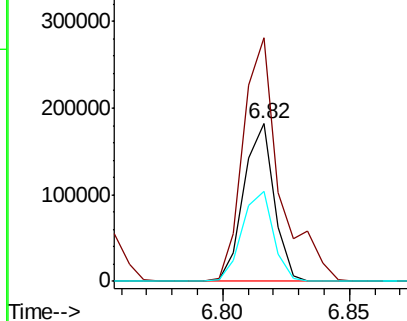
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151122
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 57.4 47.0 70.4



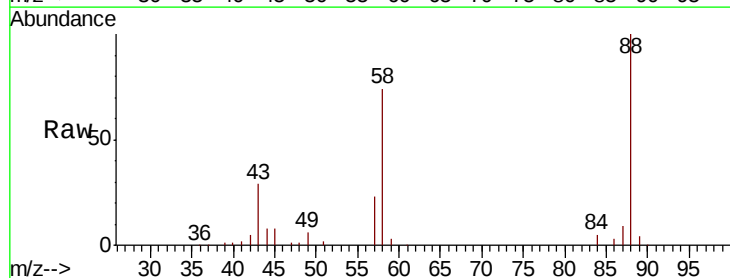
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



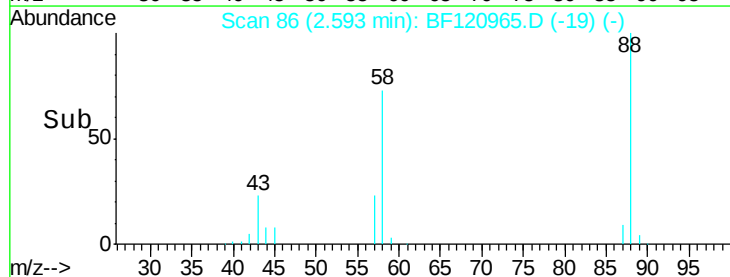
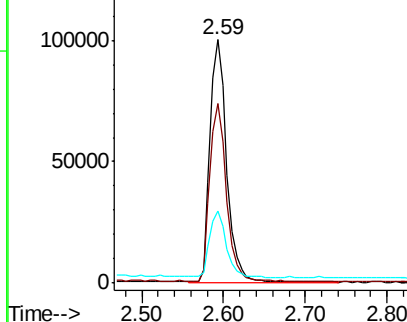
#2

1,4-Dioxane
Concen: 33.450 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion: 88 Resp: 141913
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 27.0 22.1 33.1



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

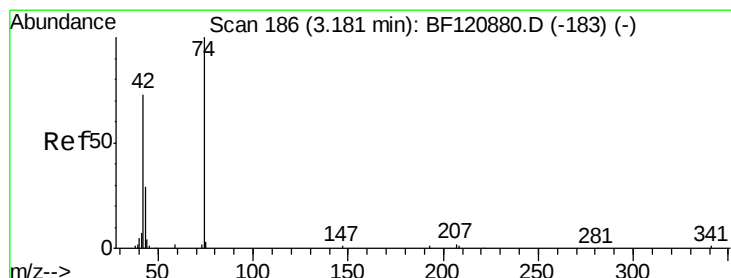
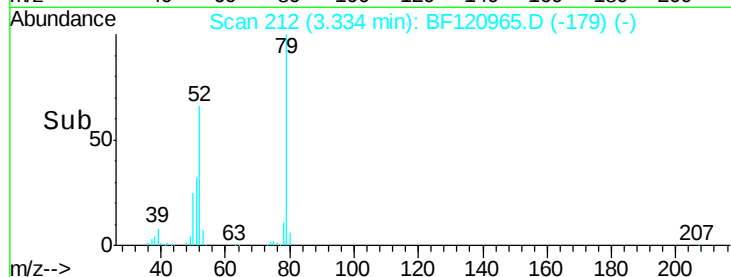
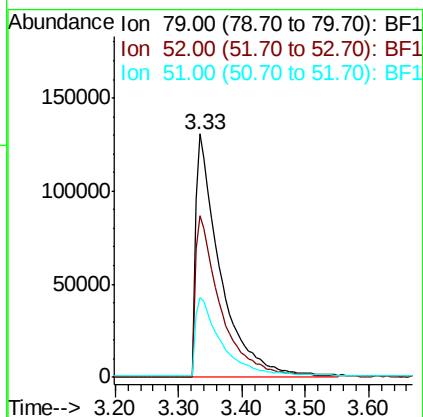
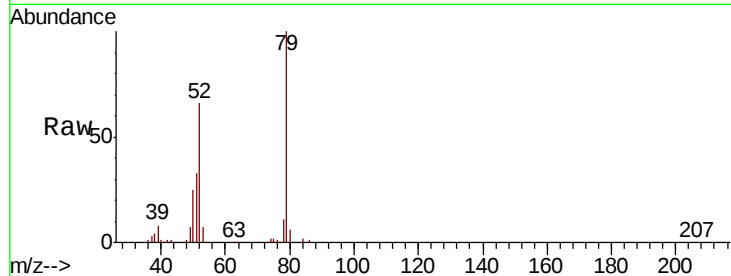




#3
 Pvridine
 Concen: 30.937 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.09 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

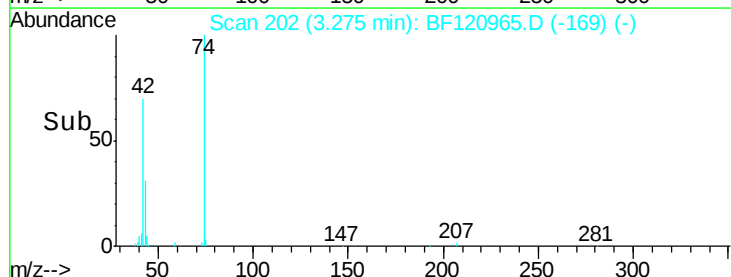
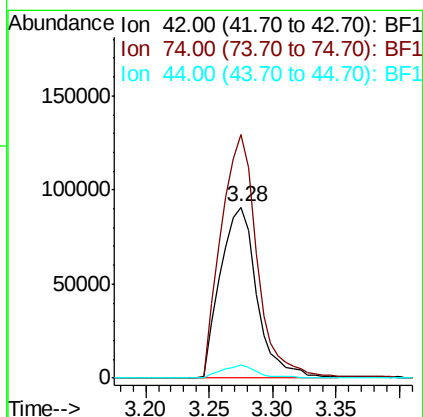
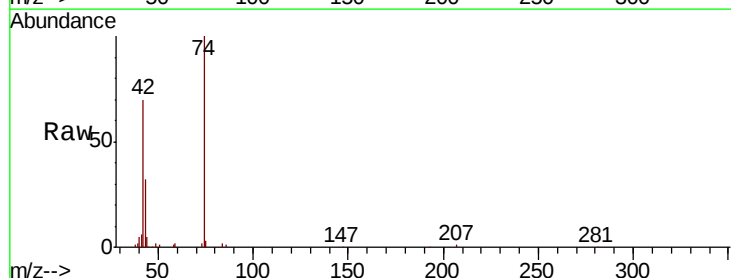
Instrument :
 BNA_F
 ClientSampleId :

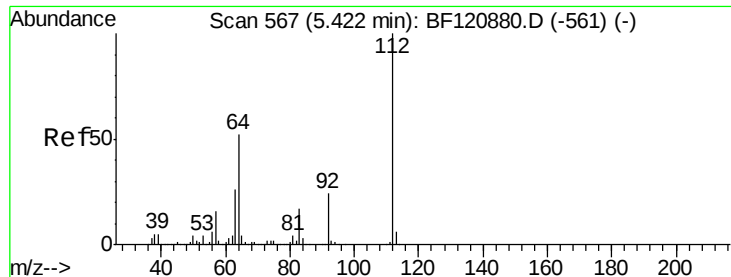
Tot Ion: 79 Resp: 349162
 Ion Ratio Lower Upper
 79 100
 52 66.3 55.0 82.6
 51 32.9 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 37.930 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.09 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion: 42 Resp: 183054
 Ion Ratio Lower Upper
 42 100
 74 142.5 108.7 163.1
 44 7.4 5.2 7.8





#5

2-Fluorophenol

Concen: 108.104 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

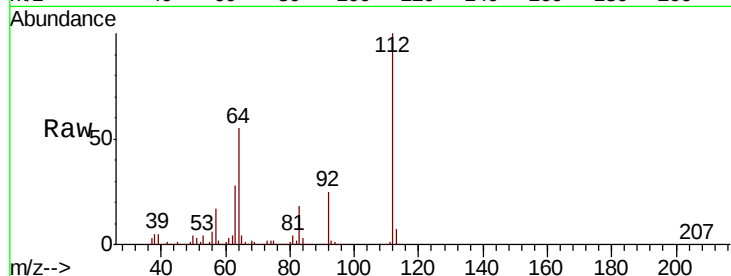
Tot Ion:112 Resp: 996546

Ion Ratio Lower Upper

112 100

64 54.5 41.3 61.9

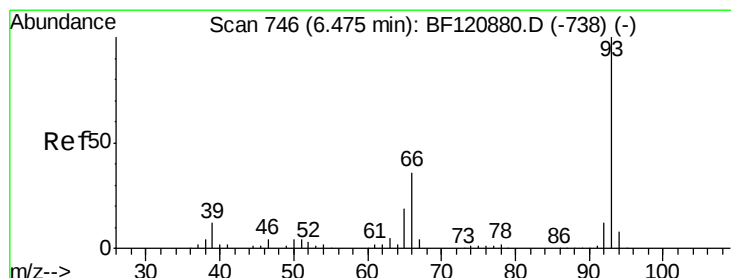
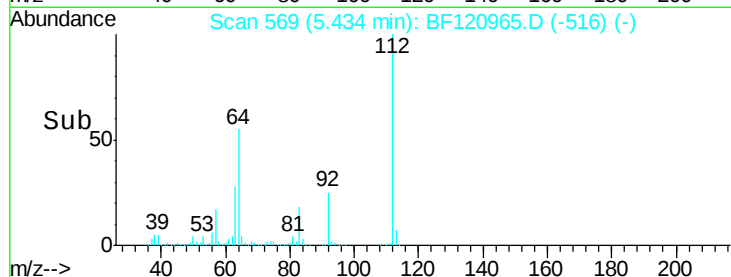
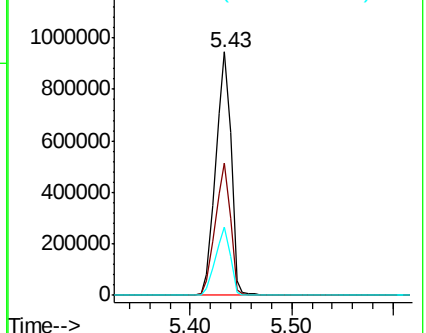
63 28.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.596 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

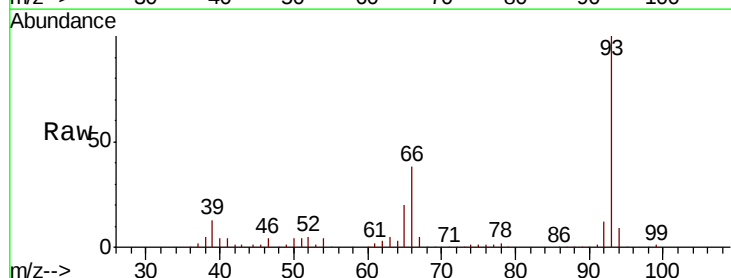
Tgt Ion: 93 Resp: 568841

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.4

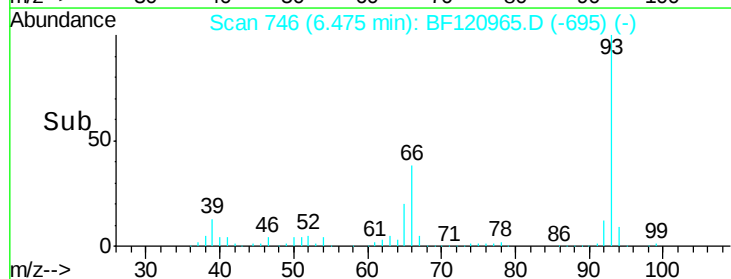
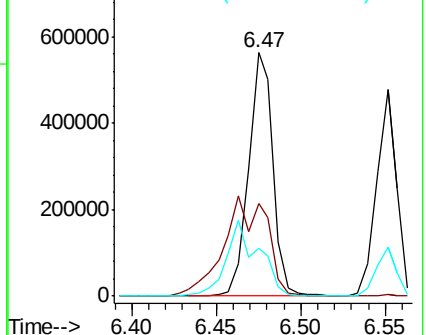
65 19.9 15.8 23.6

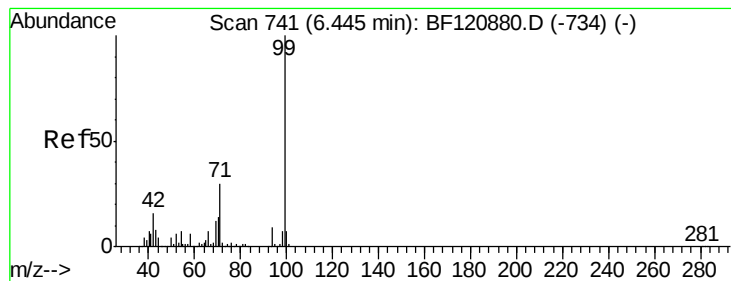


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.203 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

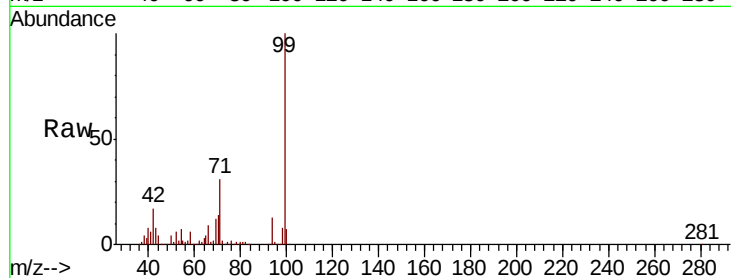
Tot Ion: 99 Resp: 1205101

Ion Ratio Lower Upper

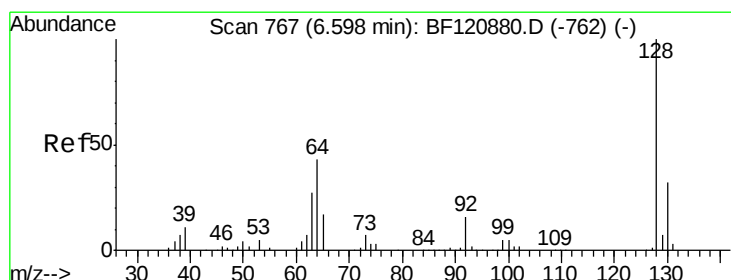
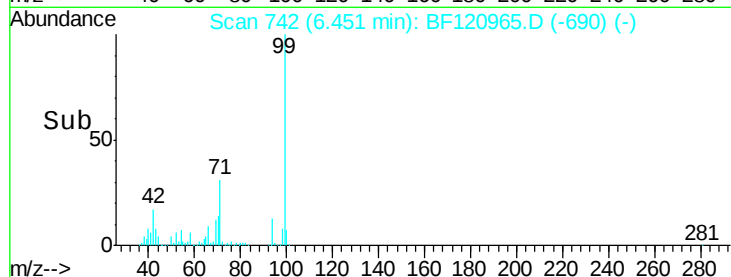
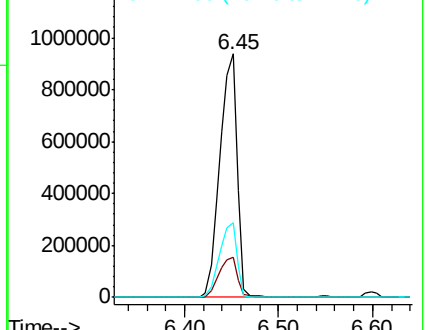
99 100

42 16.7 13.1 19.7

71 30.8 24.2 36.4



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



#8

2-Chlorophenol

Concen: 40.999 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

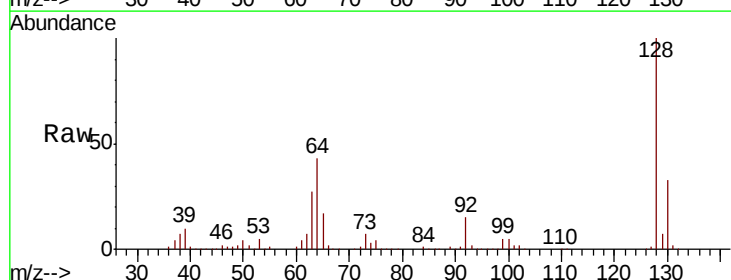
Tgt Ion: 128 Resp: 416359

Ion Ratio Lower Upper

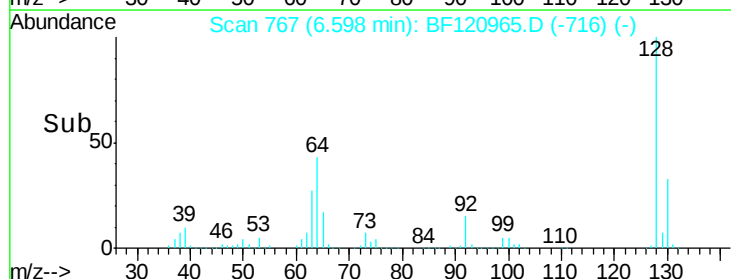
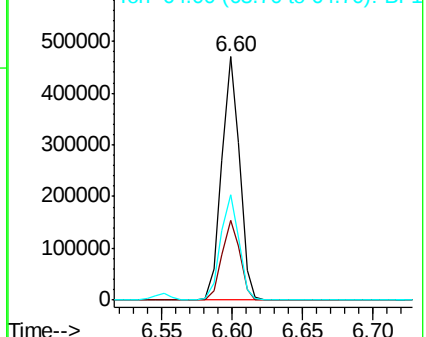
128 100

130 32.7 12.1 52.1

64 43.1 24.0 64.0



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: 61.562 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

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ClientSampleId :

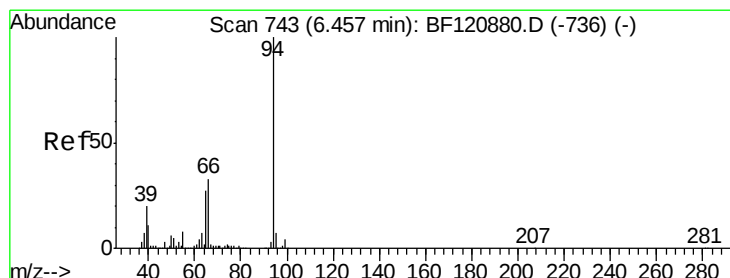
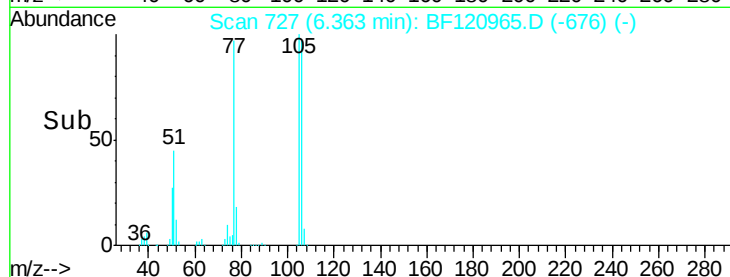
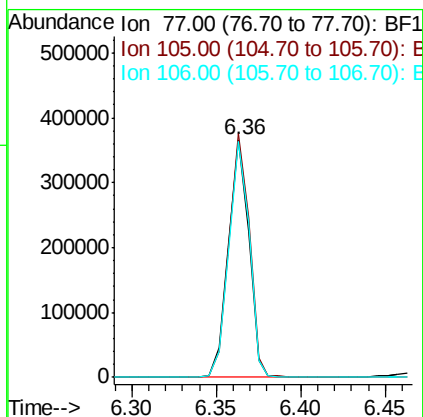
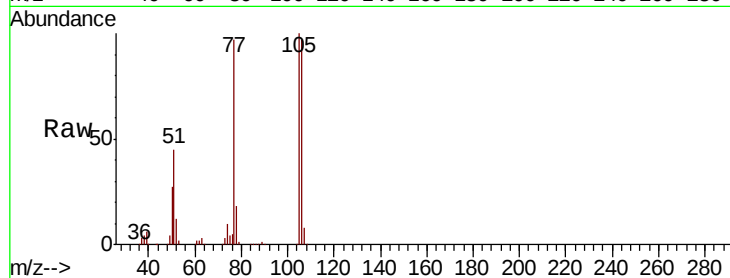
Tot Ion: 77 Resp: 308237

Ion Ratio Lower Upper

77 100

105 102.6 82.5 122.5

106 99.6 78.7 118.7



#10

Phenol

Concen: 38.622 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

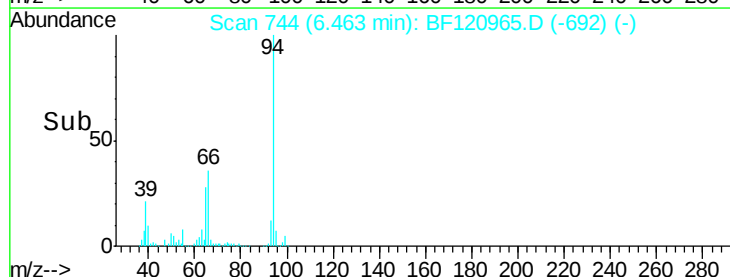
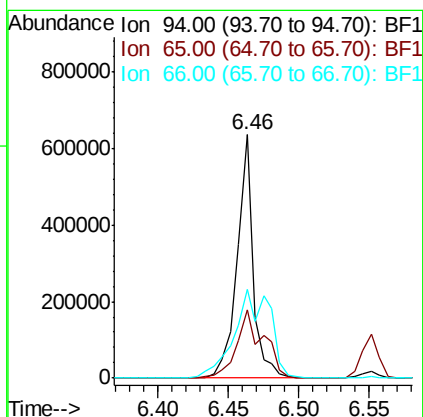
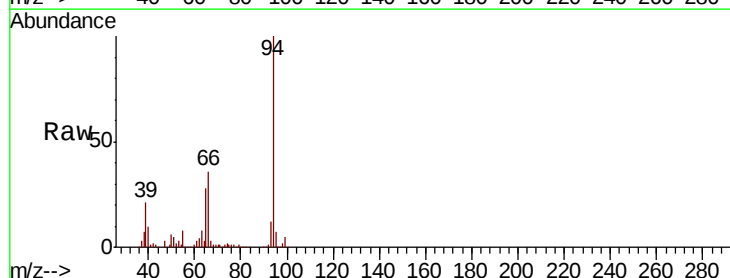
Tgt Ion: 94 Resp: 505910

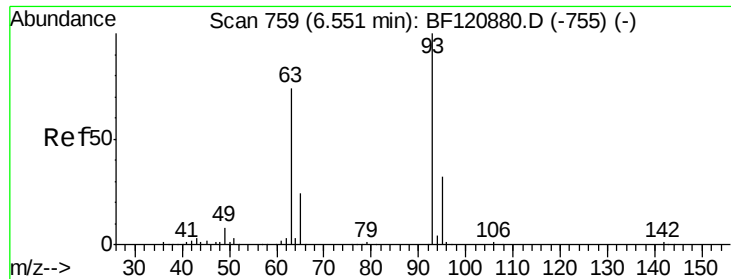
Ion Ratio Lower Upper

94 100

65 27.8 6.6 46.6

66 36.4 13.2 53.2

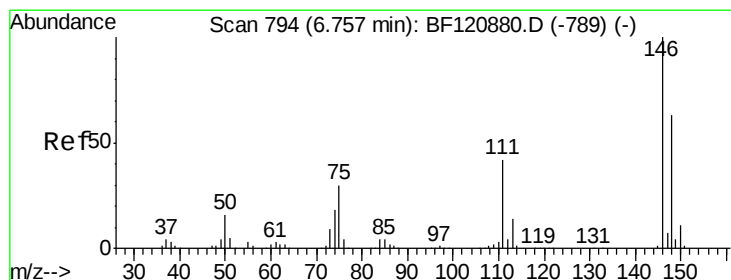
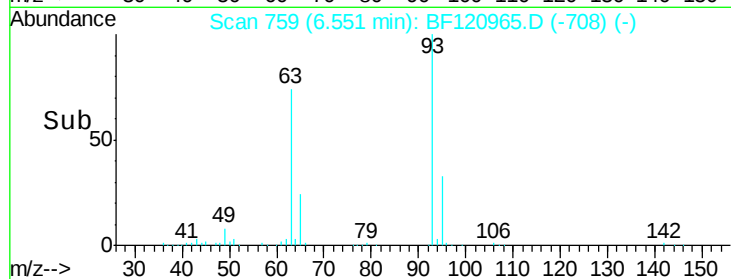
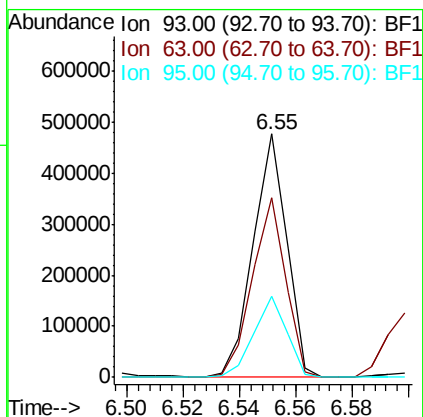
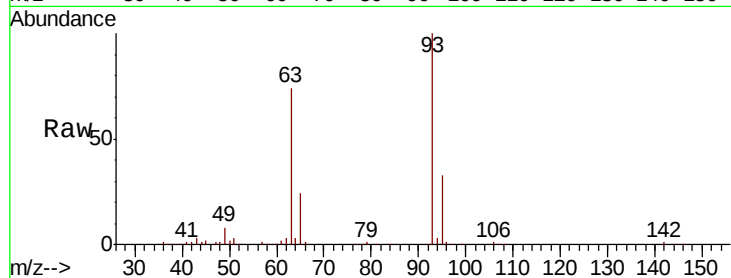




#11
bis(2-Chloroethyl)ether
Concen: 39.319 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

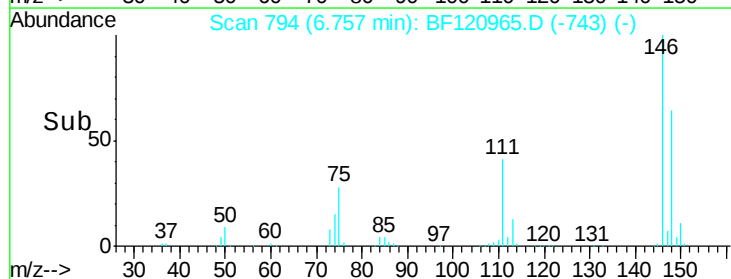
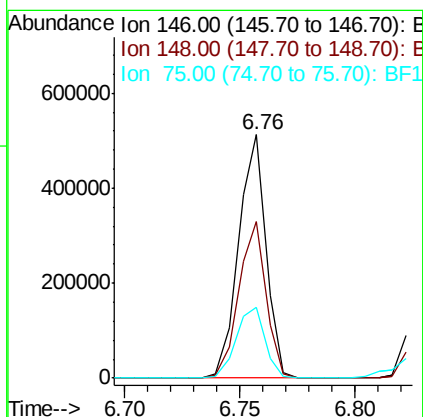
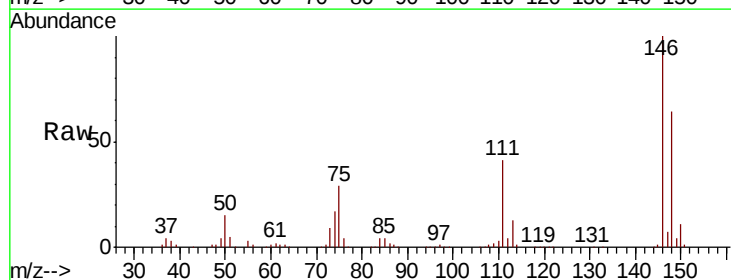
Instrument :
BNA_F
ClientSampleId :

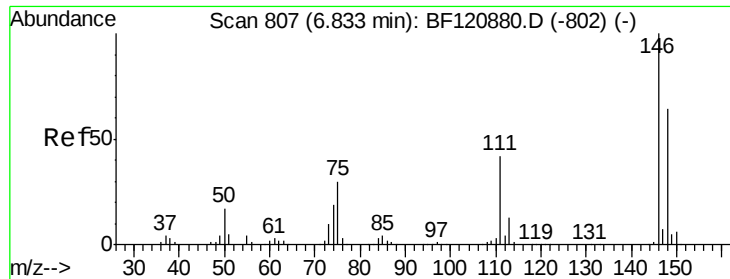
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	54.2	94.2
95	33.3	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.556 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	29.0	24.1	36.1

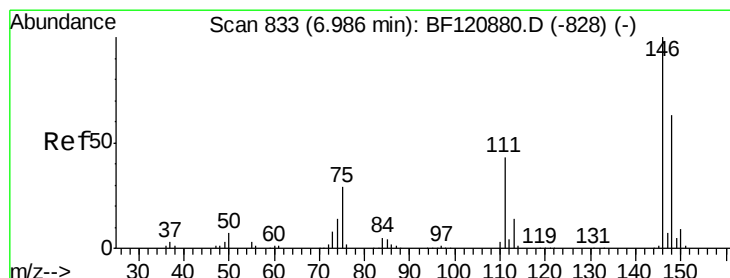
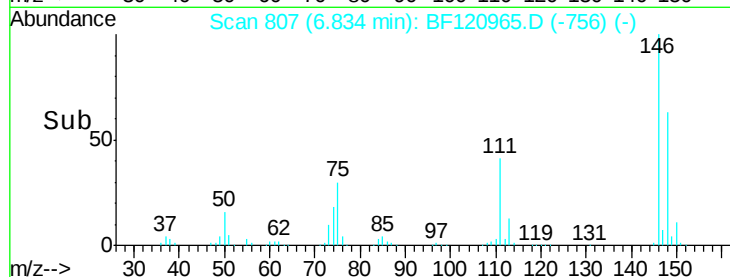
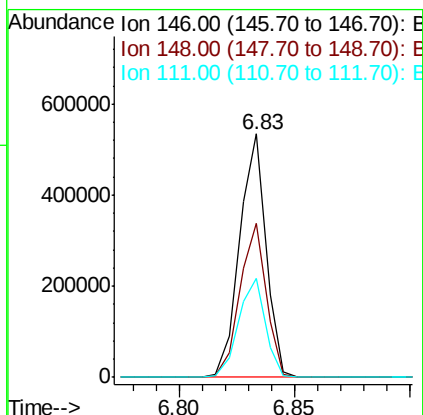
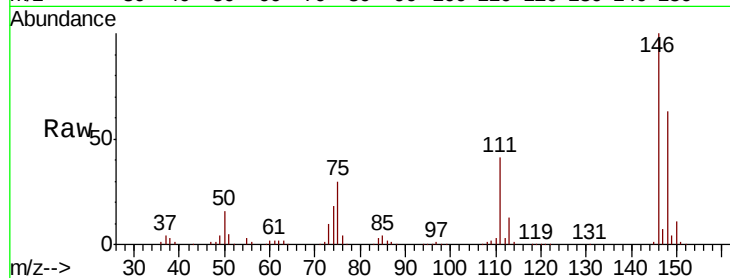




#13
 1,4-Dichlorobenzene
 Concen: 39.081 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

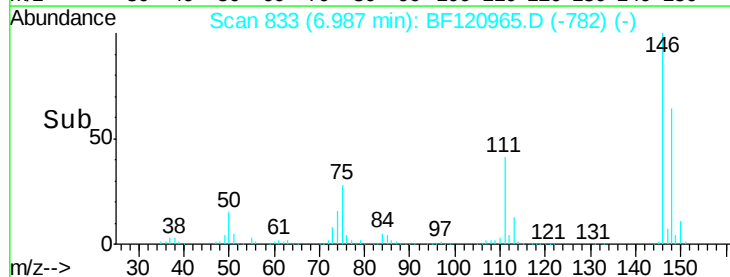
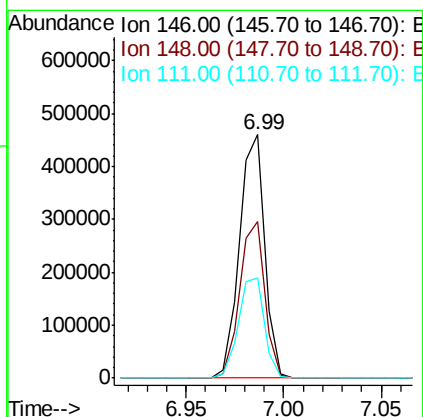
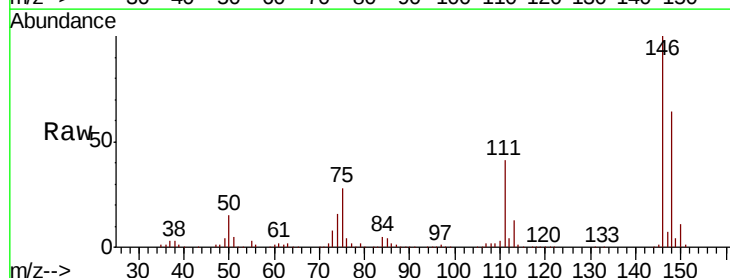
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 427929
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 40.6 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 39.799 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:146 Resp: 412273
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 76.0
 111 41.2 34.2 51.2





#15

Benzyl Alcohol

Concen: 38.332 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

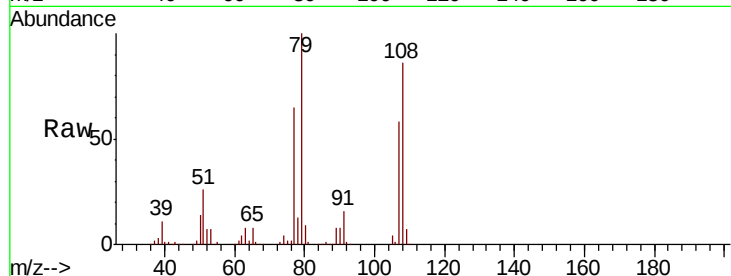
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 322796

Ion	Ratio	Lower	Upper
79	100		
108	85.5	67.0	100.6
77	64.5	51.0	76.4

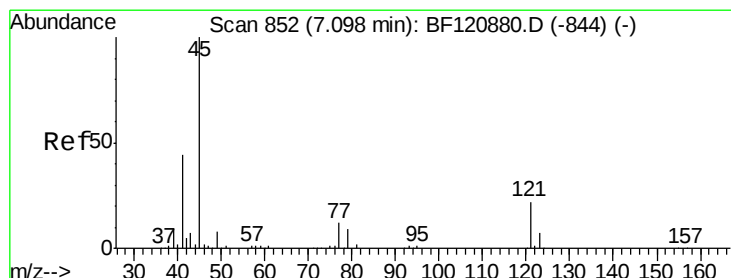
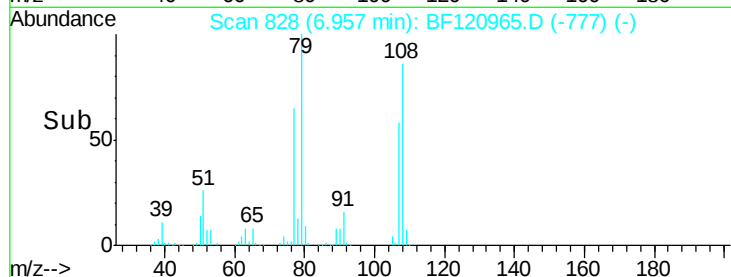
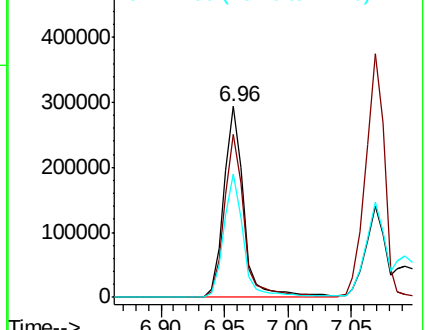


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.185 ng

RT: 7.09 min Scan# 851

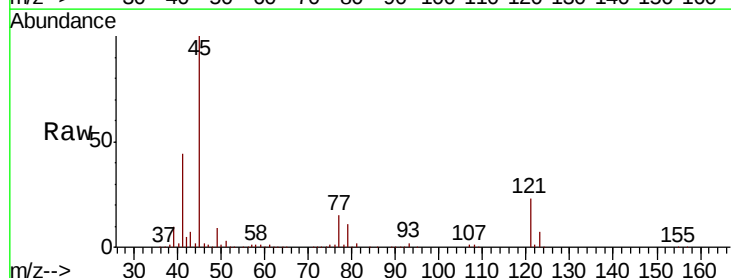
Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion: 45 Resp: 552515

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.3
79	11.4	0.0	31.0

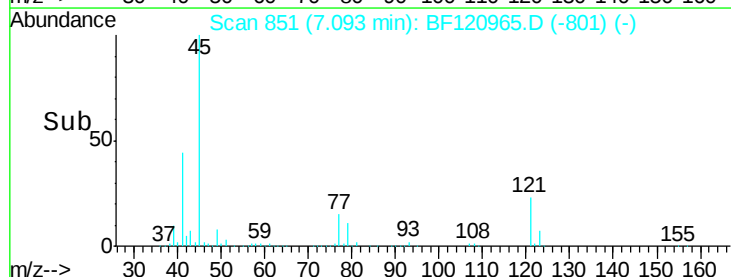
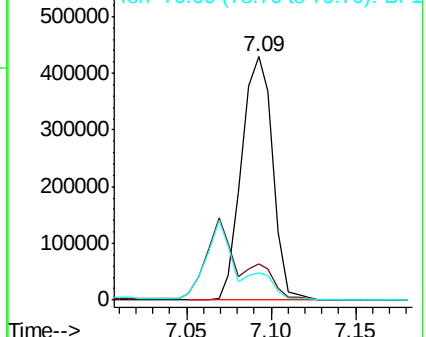


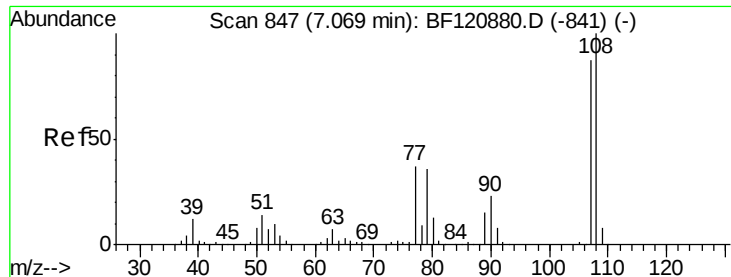
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.057 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 324542

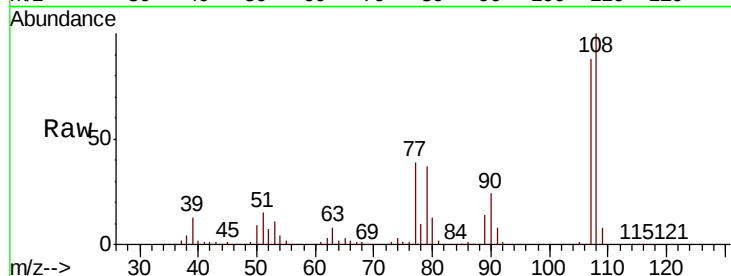
Ion Ratio Lower Upper

107 100

108 113.6 92.0 138.0

77 44.2 34.0 51.0

79 42.6 33.3 49.9

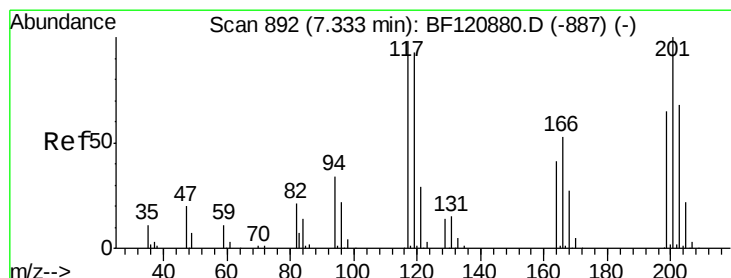
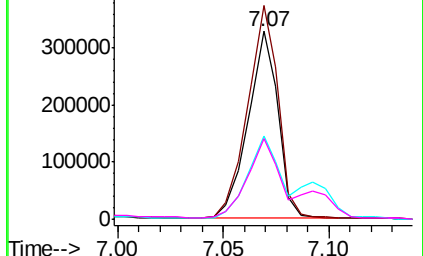
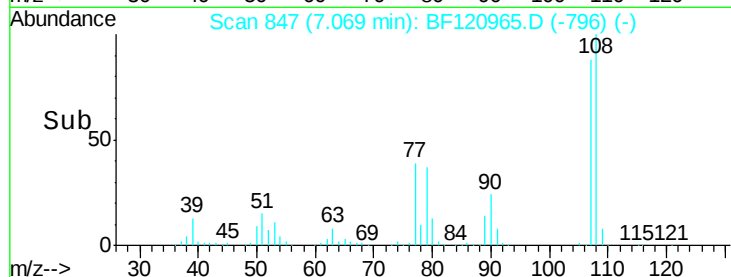


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.619 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

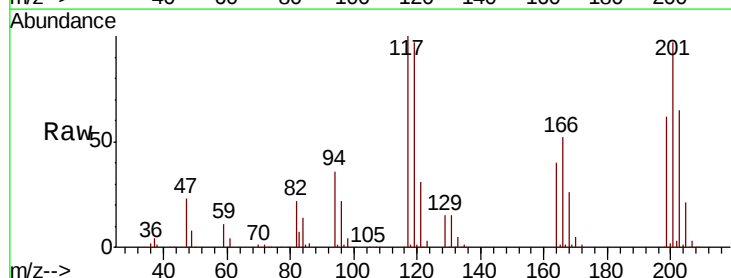
Tgt Ion:117 Resp: 160980

Ion Ratio Lower Upper

117 100

119 97.2 76.0 114.0

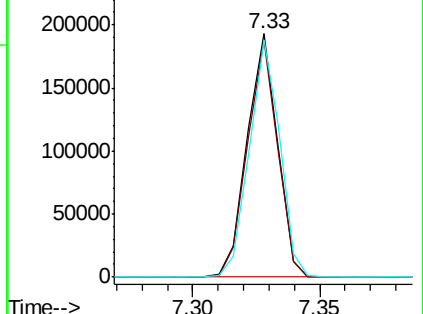
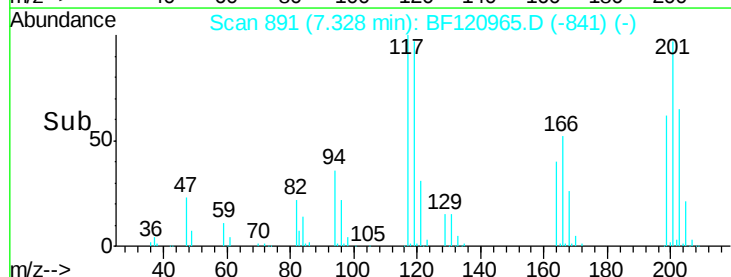
201 97.3 81.7 122.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

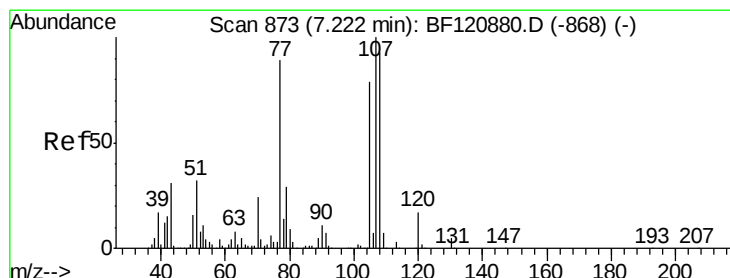
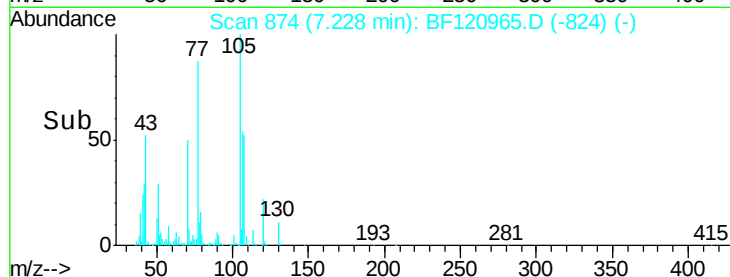
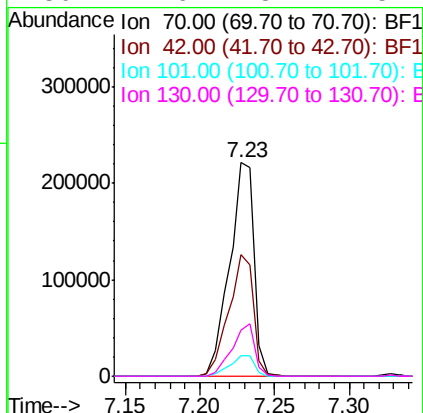
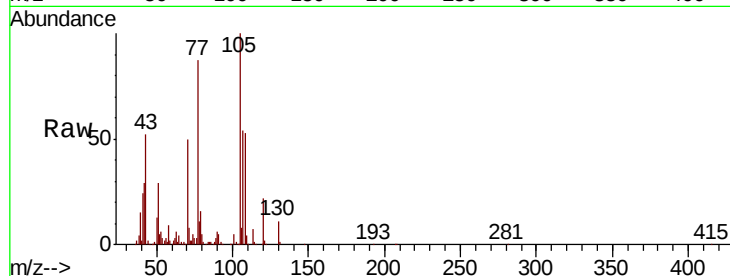




#19
n-Nitroso-di-n-propylamine
Concen: 37.679 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

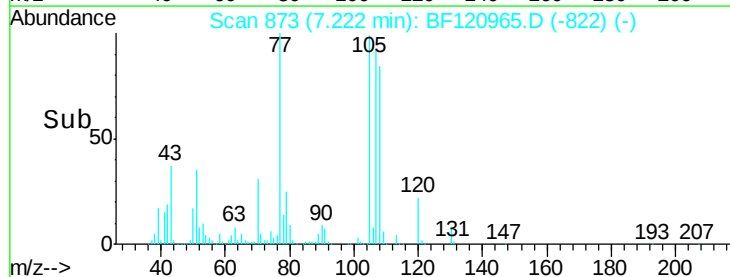
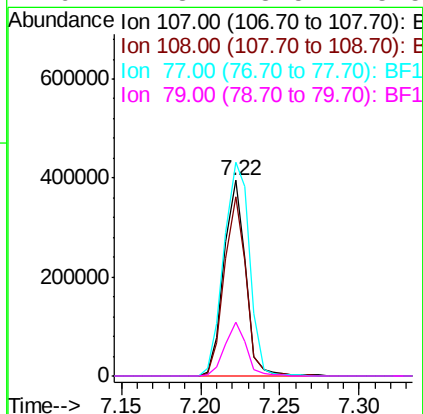
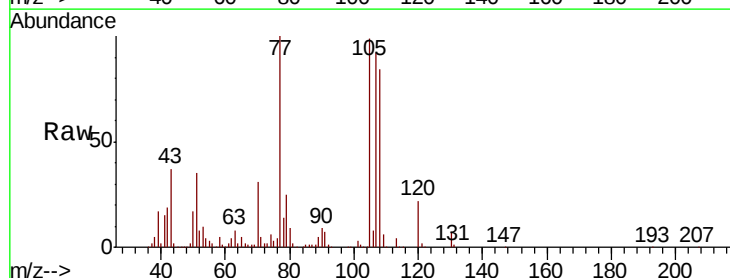
Instrument :
BNA_F
ClientSampleId :

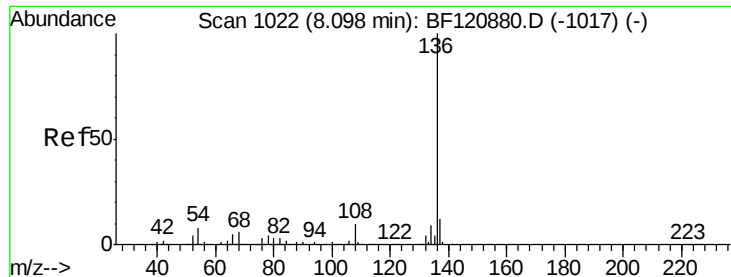
Tot Ion: 70 Resp: 255133
Ion Ratio Lower Upper
70 100
42 57.2 44.0 66.0
101 9.6 7.8 11.6
130 21.6 18.7 28.1



#20
3+4-Methylphenols
Concen: 32.480 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:107 Resp: 371892
Ion Ratio Lower Upper
107 100
108 91.8 72.8 112.8
77 109.3 68.7 108.7#
79 27.3 8.5 48.5

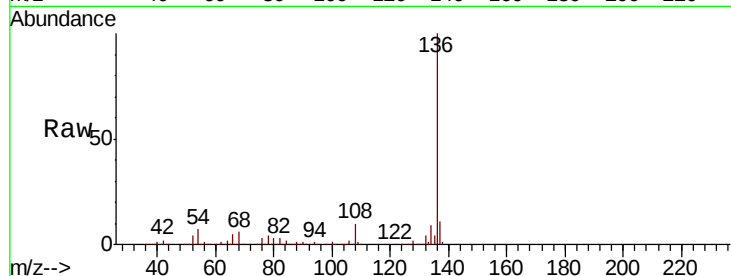




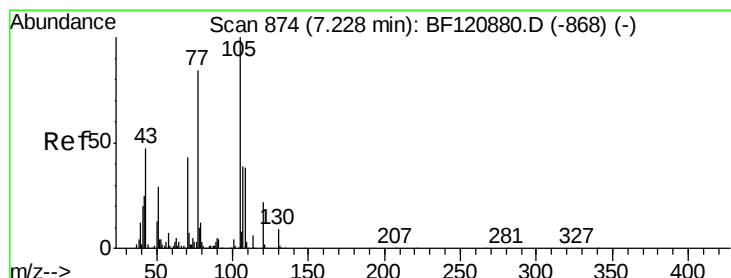
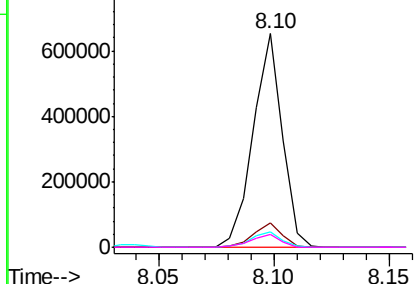
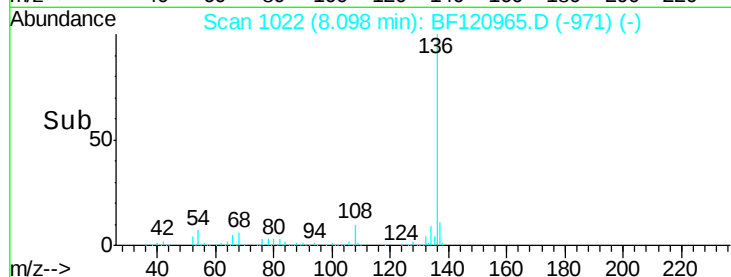
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	575228
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	7.2	6.3 9.5
68	5.7	5.0 7.4

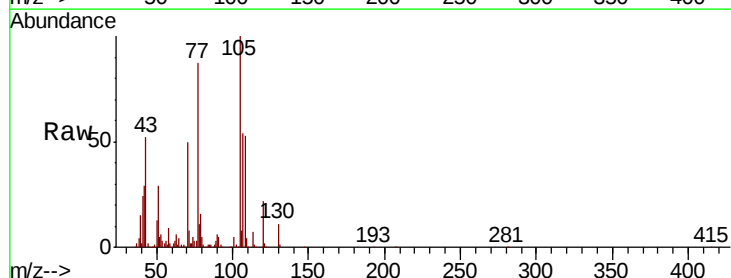


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

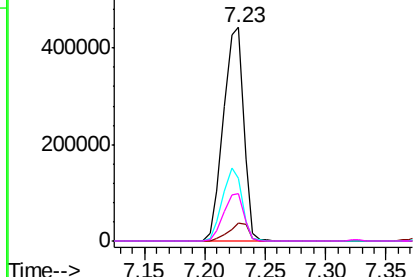
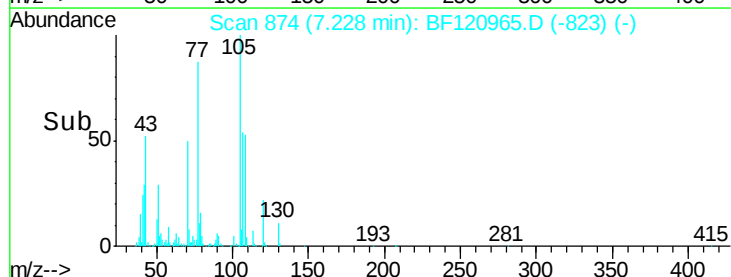


#22
Acetophenone
Concen: 40.028 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:105	Resp:	516750
Ion	Ratio	Lower Upper
105	100	
71	8.4	5.7 8.5
51	29.1	22.9 34.3
120	22.4	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

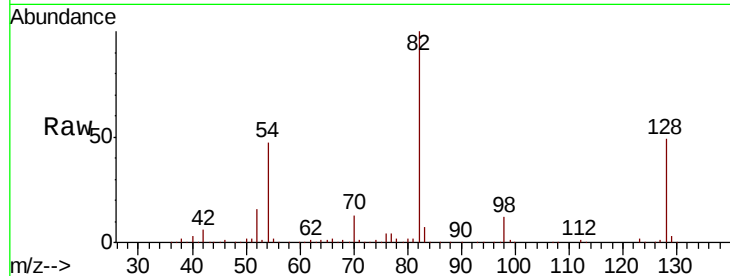




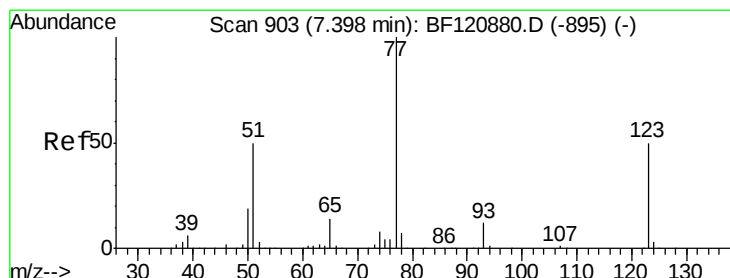
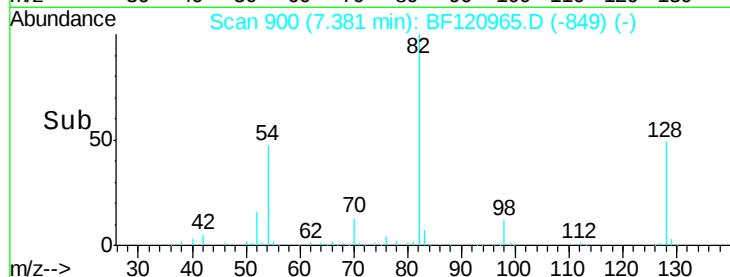
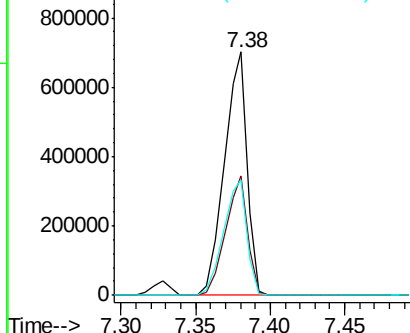
#23
Nitrobenzene-d5
Concen: 75.933 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	754866
Ion Ratio	100	Lower	Upper
128	49.2	38.2	57.4
54	47.5	38.7	58.1

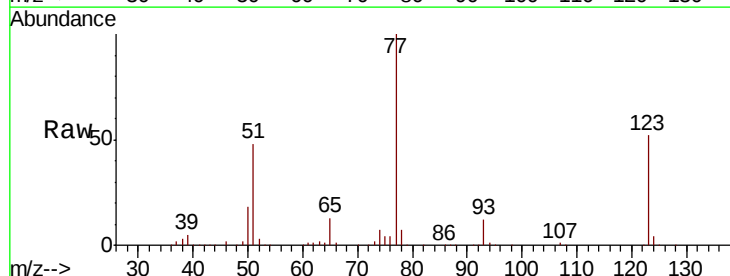


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

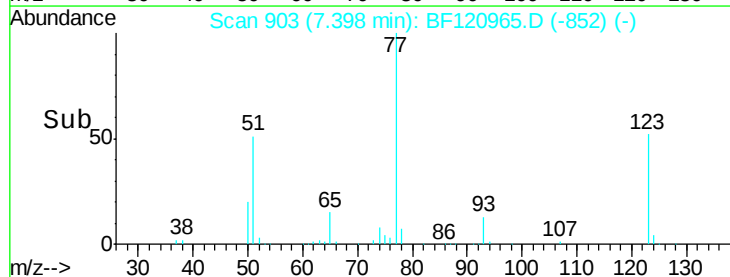
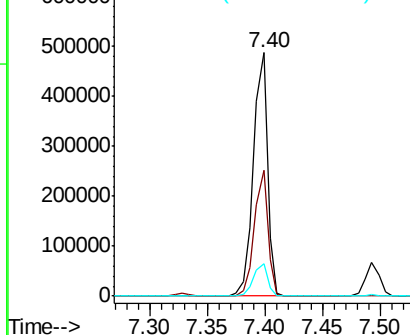


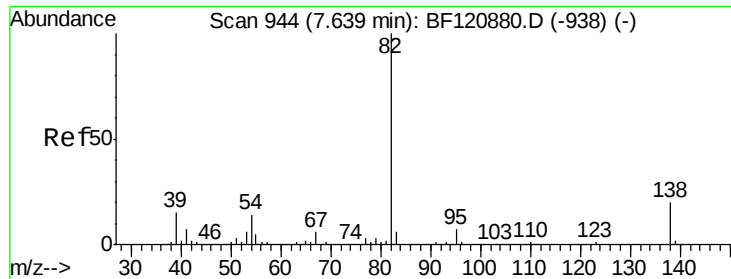
#24
Nitrobenzene
Concen: 39.002 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	77	Resp	417894
Ion Ratio	100	Lower	Upper
123	51.9	40.1	60.1
65	13.3	10.8	16.2



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





#25

Isophorone

Concen: 38.313 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

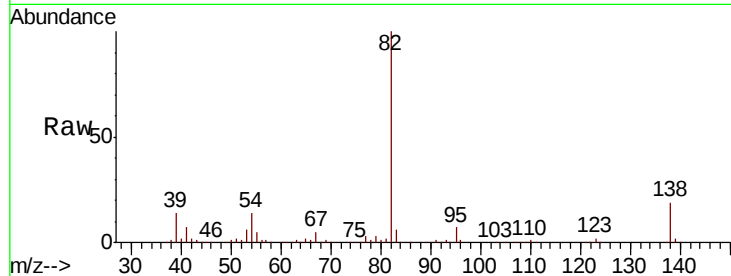
Tot Ion: 82 Resp: 760151

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

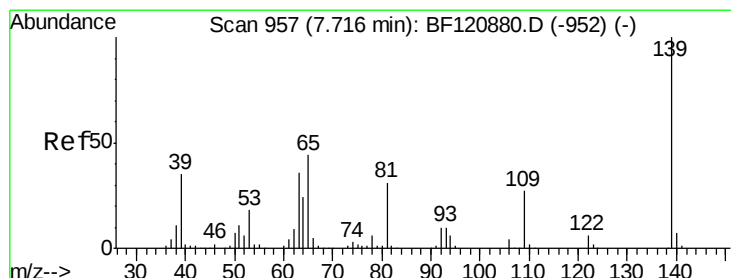
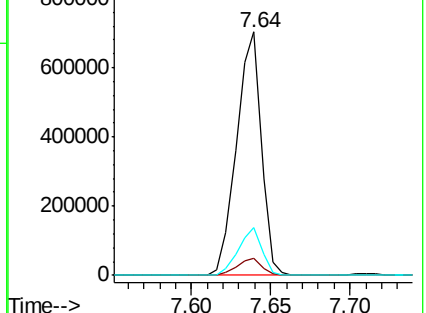
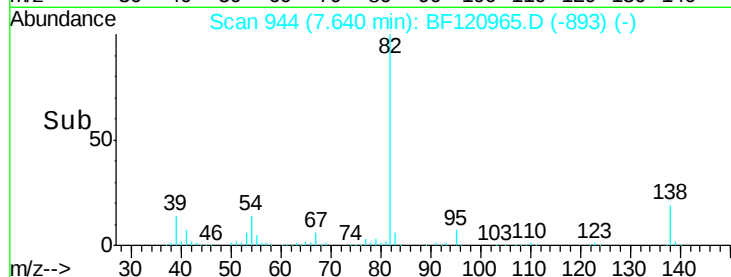
138 19.4 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.978 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

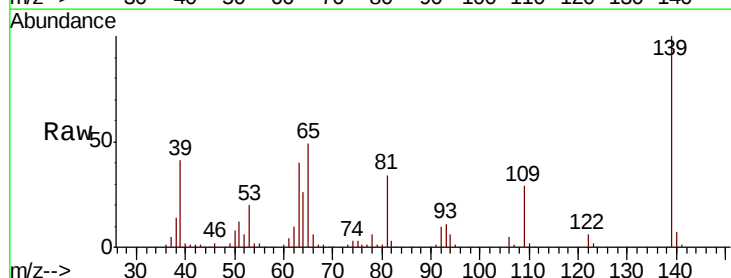
Tgt Ion: 139 Resp: 213615

Ion Ratio Lower Upper

139 100

109 28.5 21.6 32.4

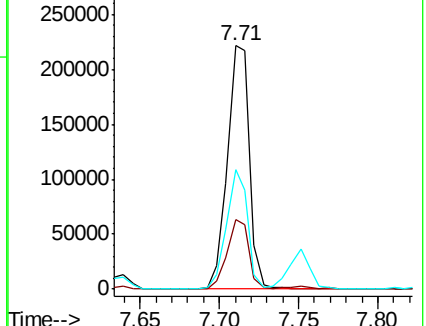
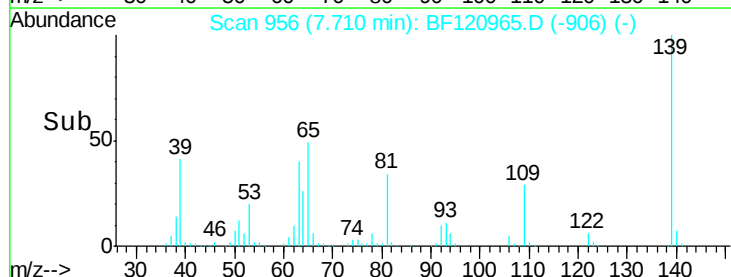
65 48.9 35.3 52.9

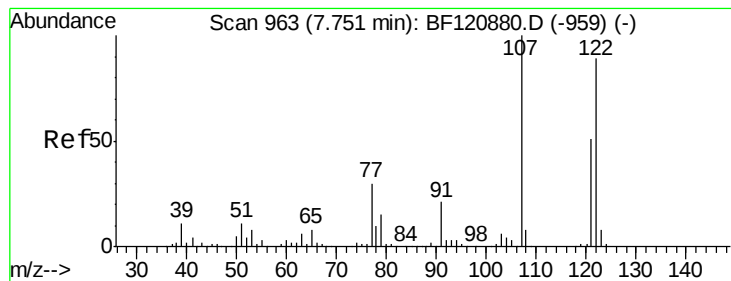


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.896 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampled :

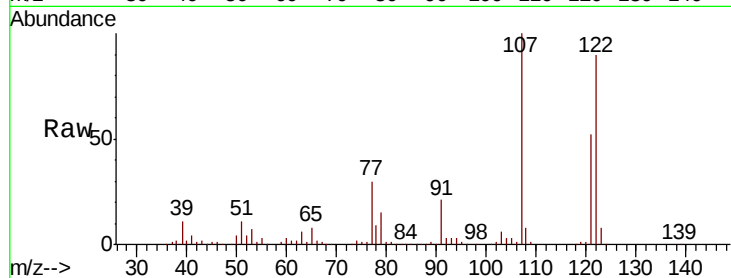
Tot Ion:122 Resp: 354409

Ion Ratio Lower Upper

122 100

107 111.2 89.4 134.0

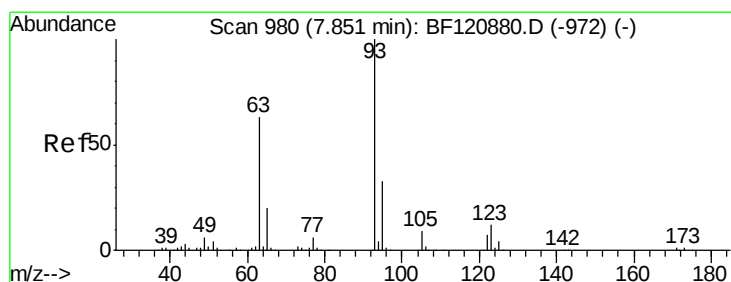
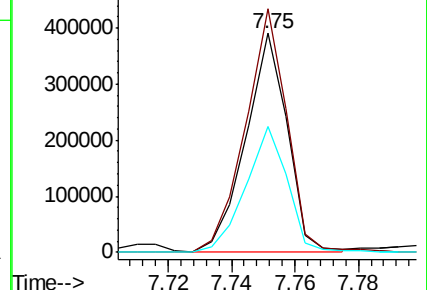
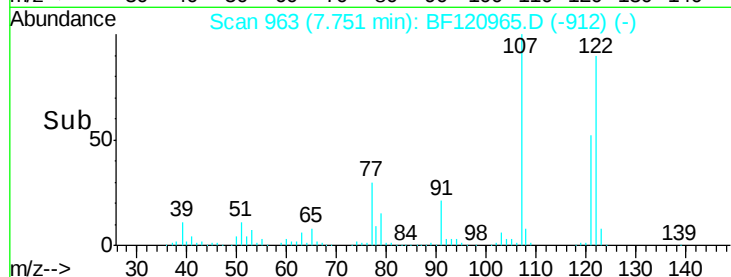
121 57.7 46.0 69.0



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: 40.291 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

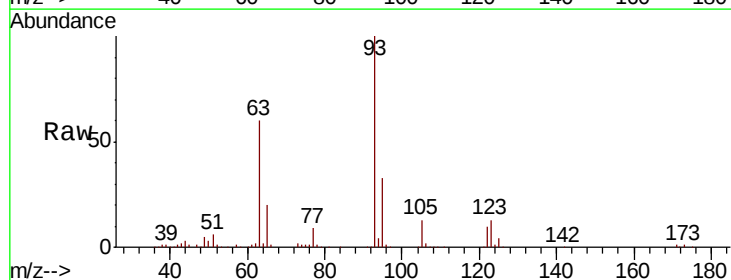
Tgt Ion: 93 Resp: 487963

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

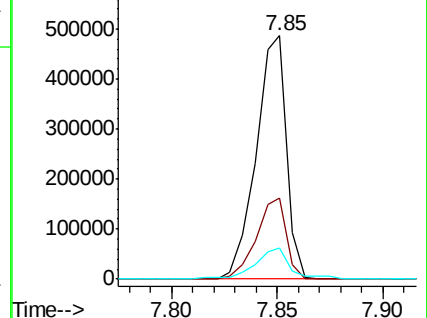
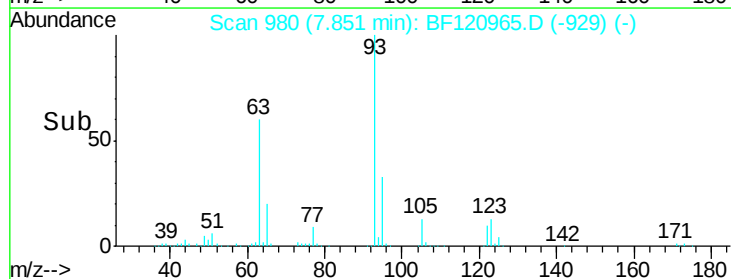
123 12.7 10.0 15.0



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

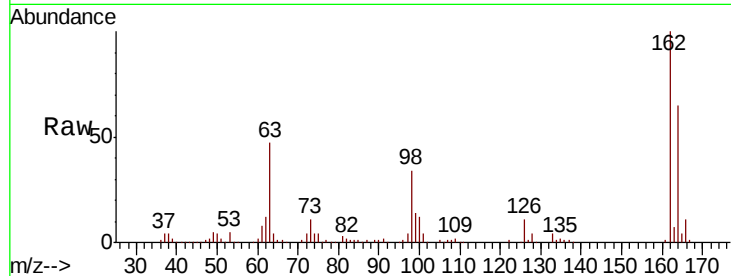




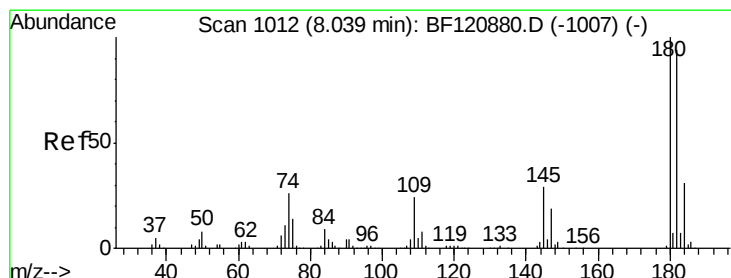
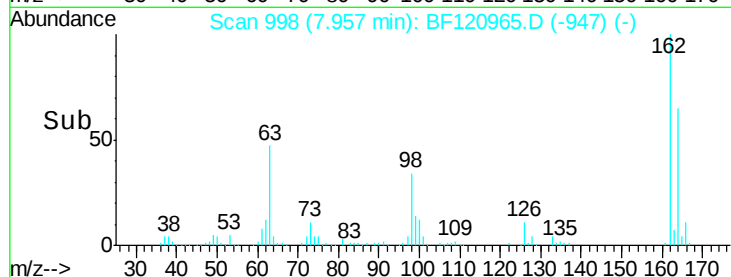
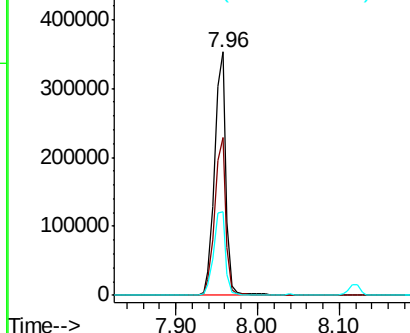
#29
 2,4-Dichlorophenol
 Concen: 40.576 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.3	85.3
98	34.4	13.3	53.3

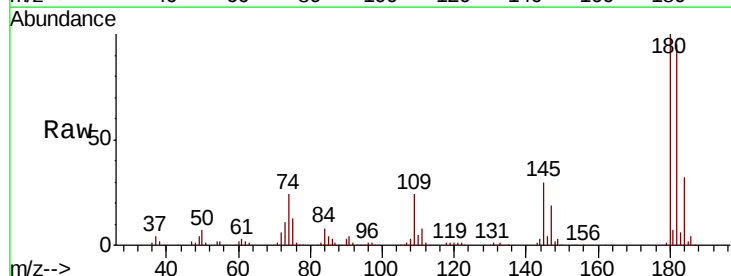


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

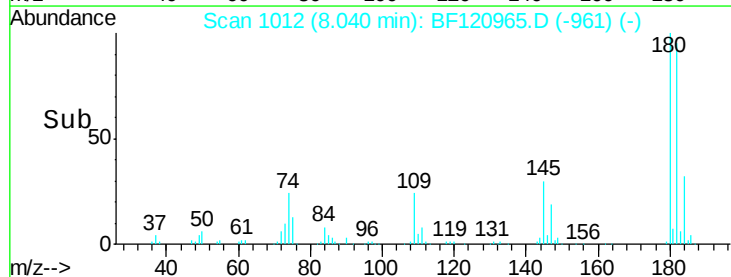
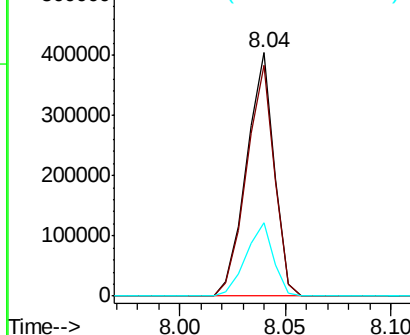


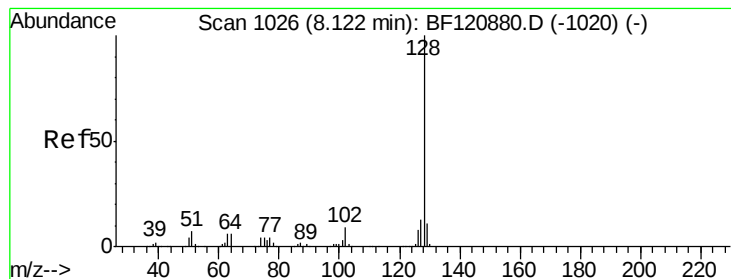
#30
 1,2,4-Trichlorobenzene
 Concen: 39.265 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.9	23.5	35.3



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





#31

Naphthalene

Concen: 38.975 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

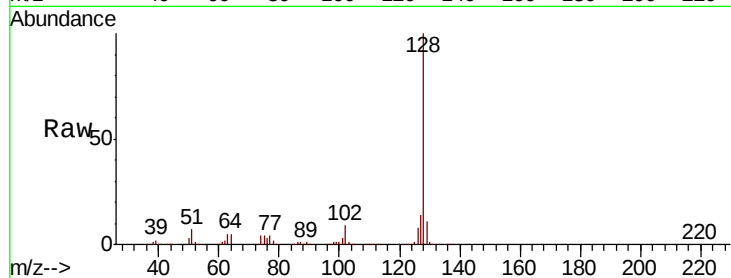
Tot Ion:128 Resp: 1150002

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

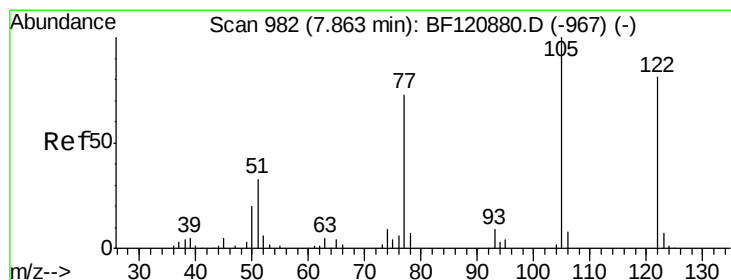
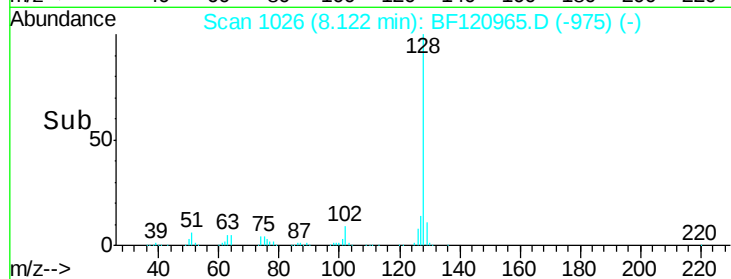
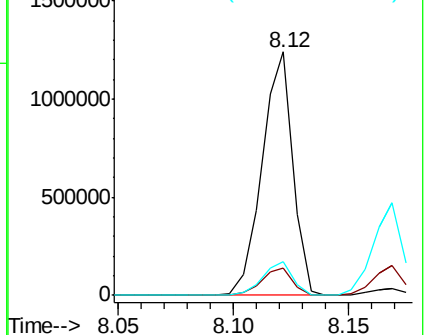
127 13.8 10.7 16.1



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: 36.049 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

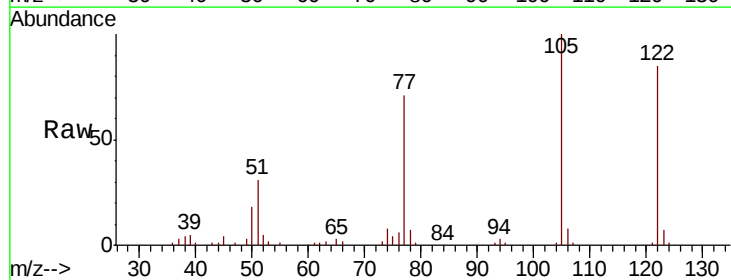
Tgt Ion:122 Resp: 223579

Ion Ratio Lower Upper

122 100

105 118.3 101.3 141.3

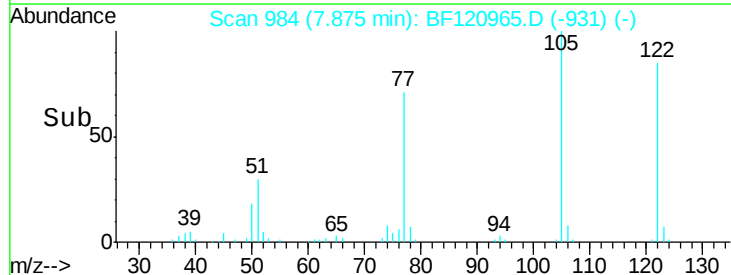
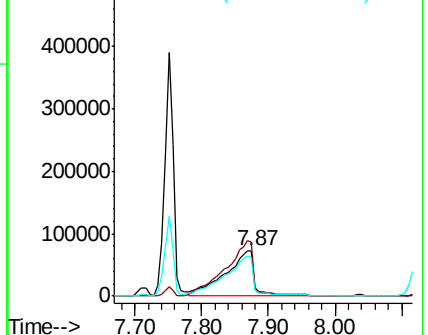
77 84.0 69.1 109.1



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

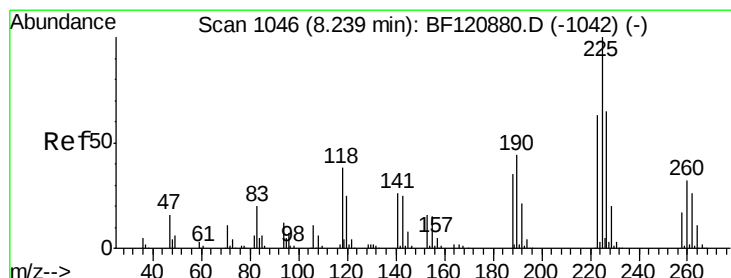
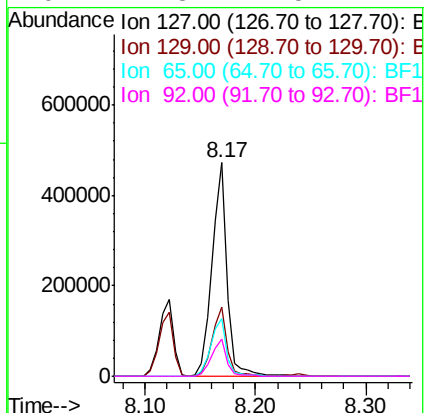
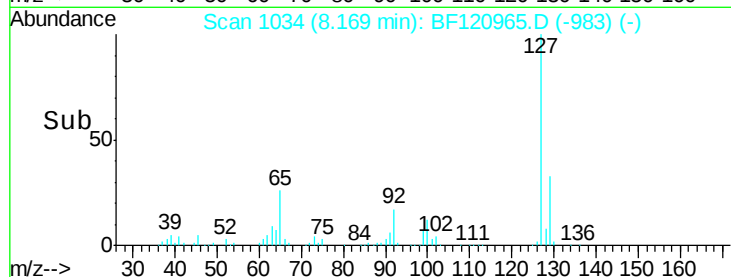
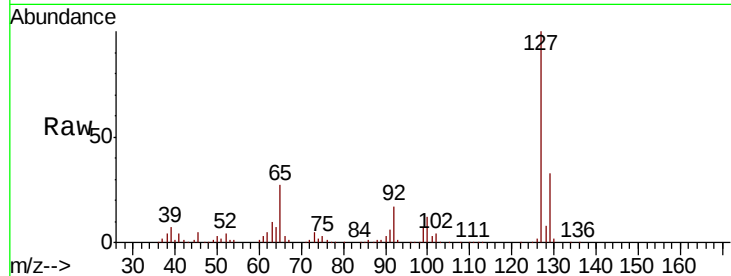




#33
4-Chloroaniline
Concen: 33.050 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

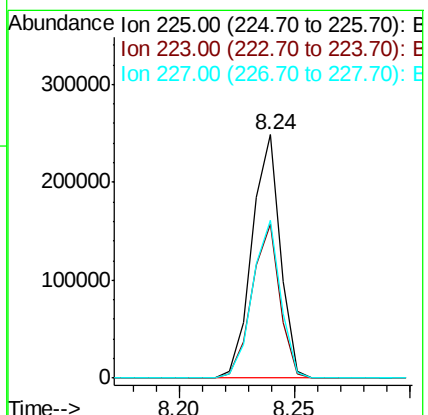
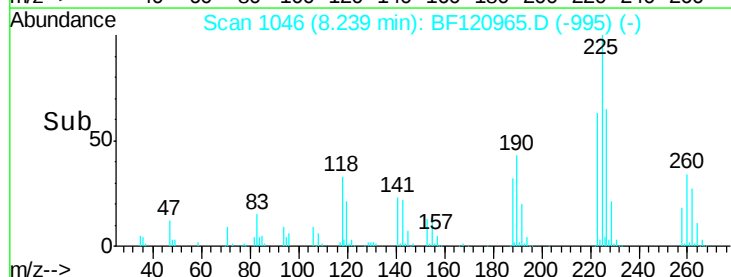
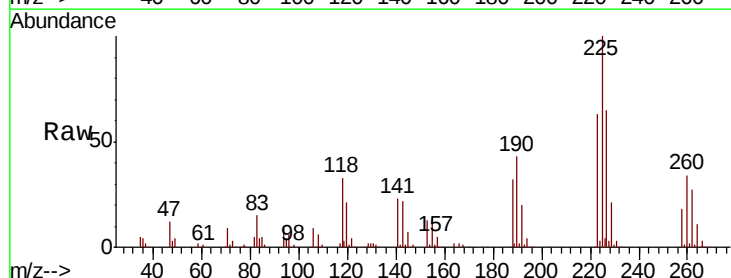
Instrument :
BNA_F
ClientSampleId :

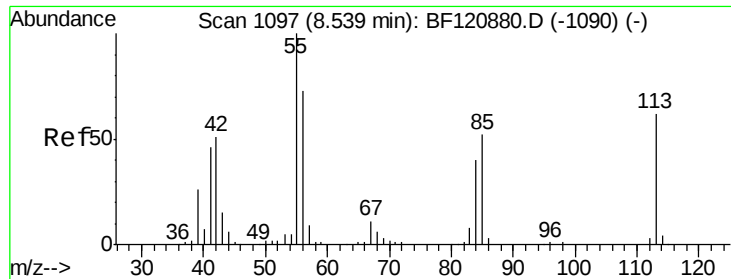
Tot Ion:	127	Resp:	435031
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	27.0	23.0	34.4
92	17.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.506 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:	225	Resp:	212625
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.6	52.2	78.2

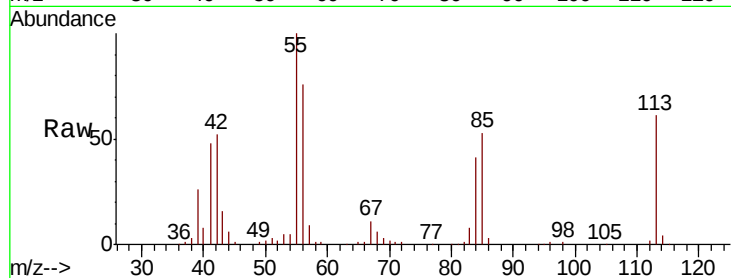




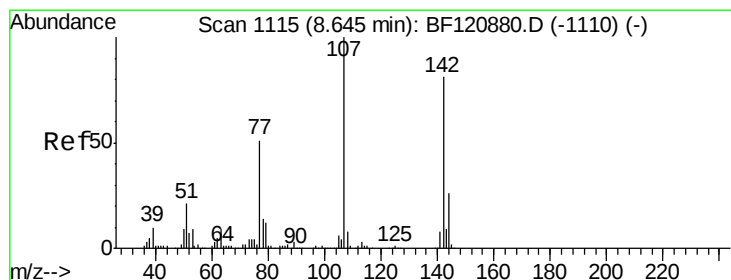
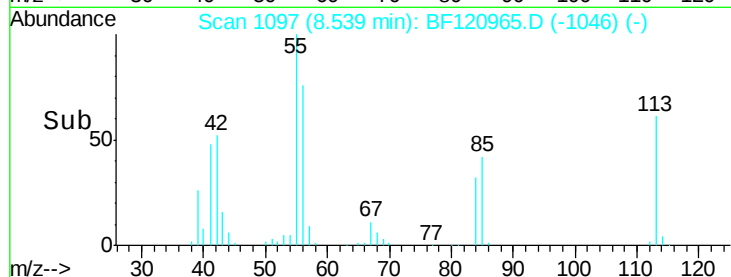
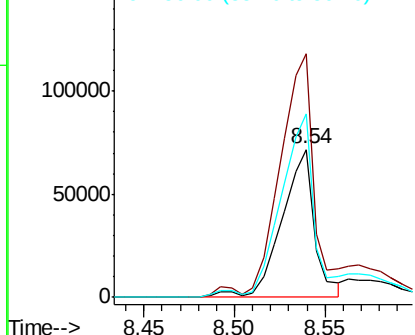
#35
 Caprolactam
 Concen: 33.550 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 90835
 Ion Ratio Lower Upper
 113 100
 55 164.5 143.3 183.3
 56 124.3 99.4 139.4

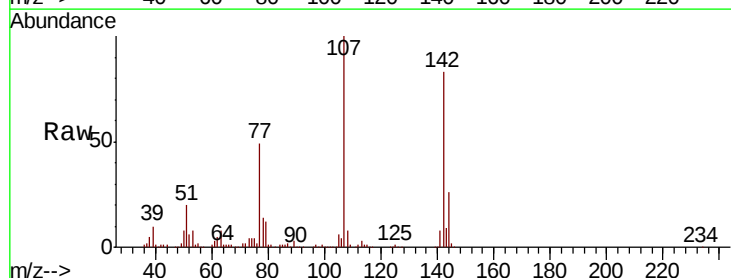


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

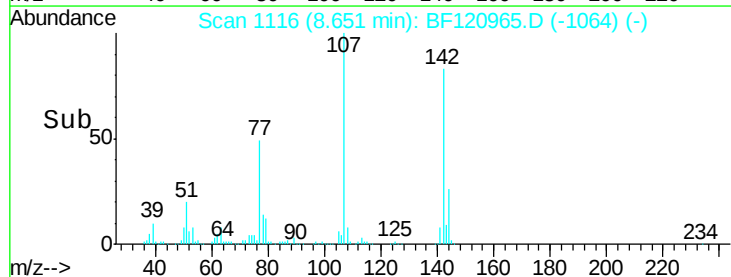
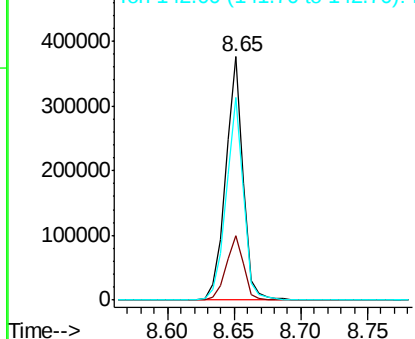


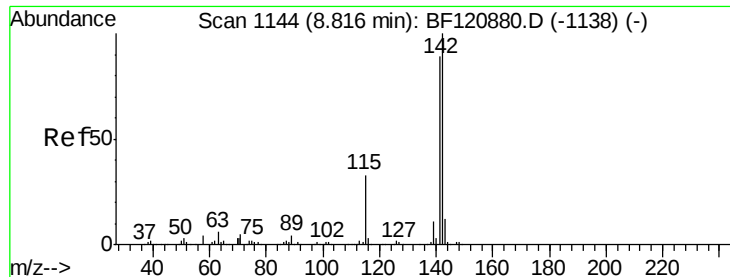
#36
 4-Chloro-3-methylphenol
 Concen: 40.005 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:107 Resp: 346390
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.0 31.6
 142 83.1 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

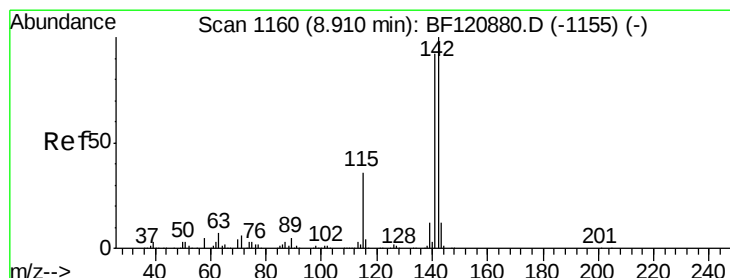
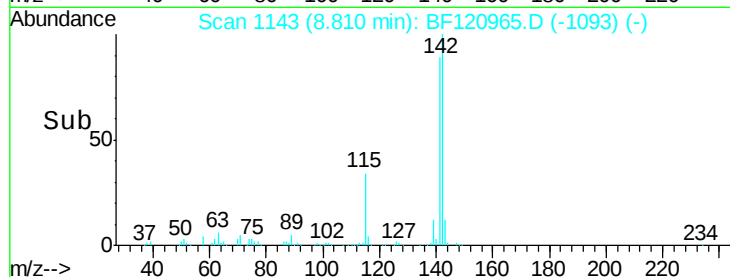
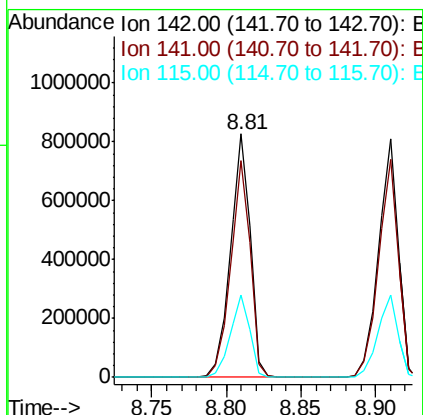
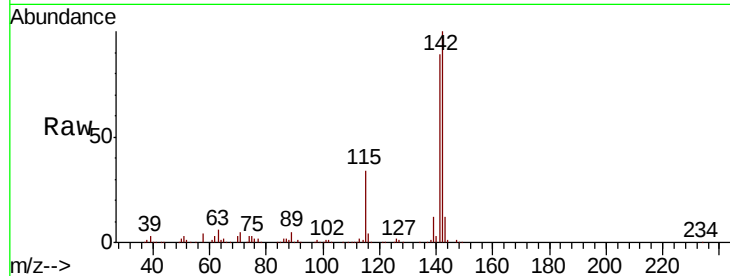




#37
2-Methylnaphthalene
Concen: 40.399 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

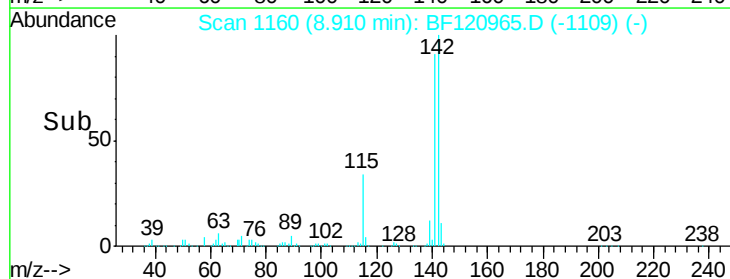
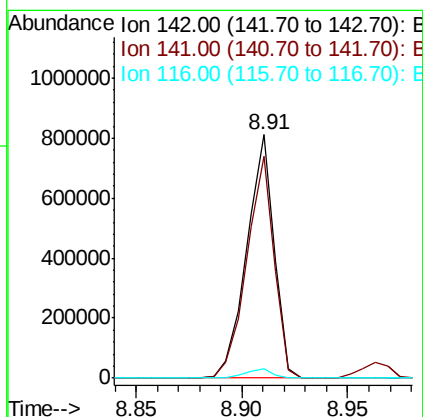
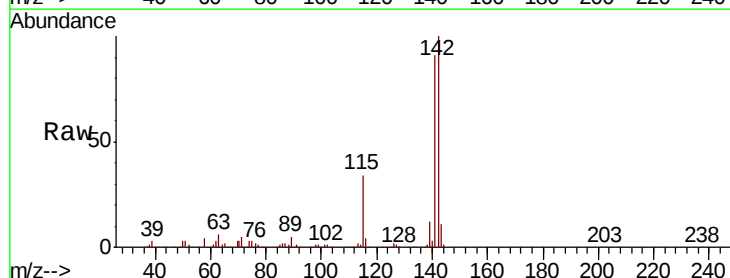
Instrument :
BNA_F
ClientSampled :

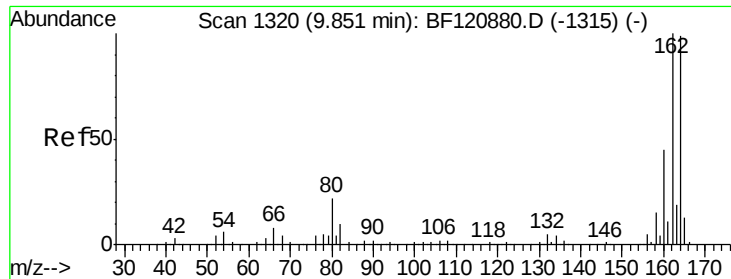
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.4
115	33.8	26.0	39.0



#38
1-Methylnaphthalene
Concen: 40.190 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.6	3.0	4.6

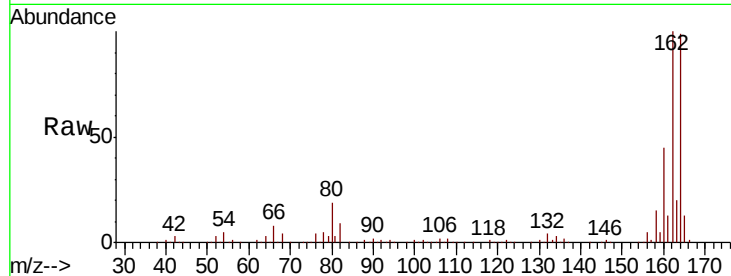




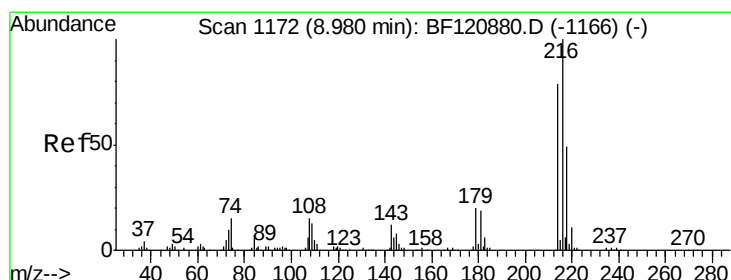
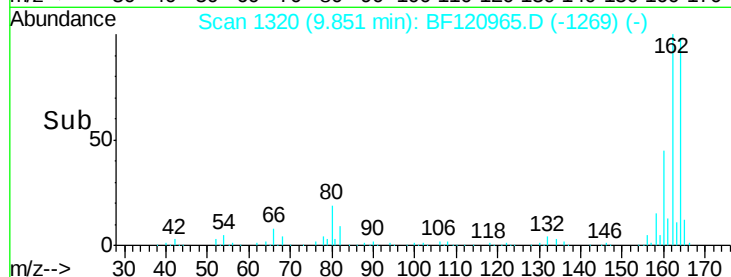
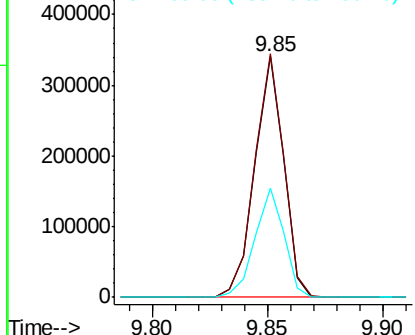
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 300361
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 45.3 36.9 55.3

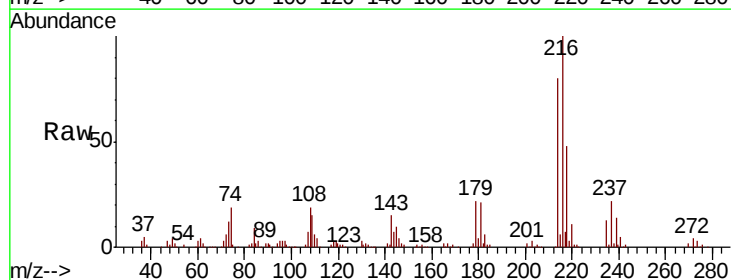


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

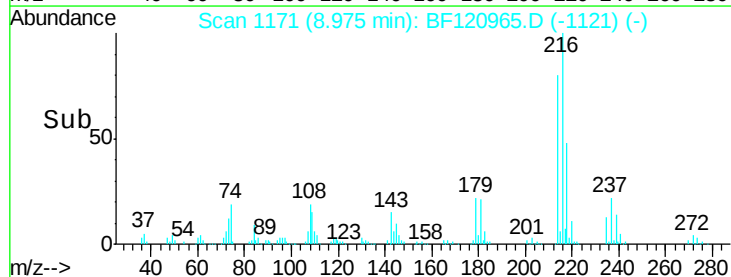
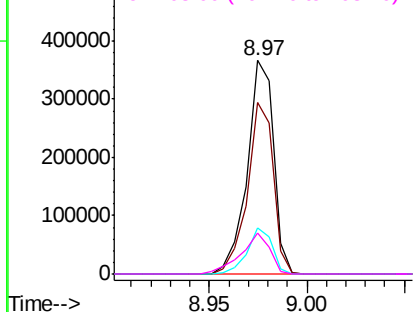


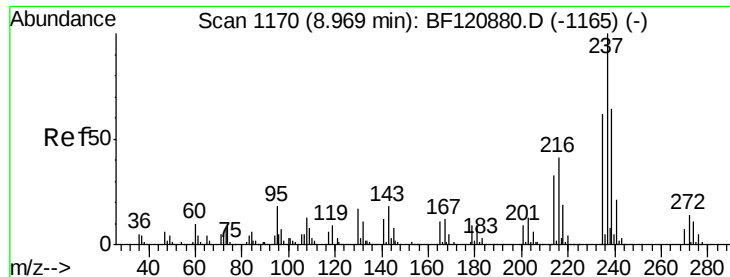
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:216 Resp: 343940
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.8
179 20.5 16.6 24.8
108 21.0 15.4 23.0



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: 83.534 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

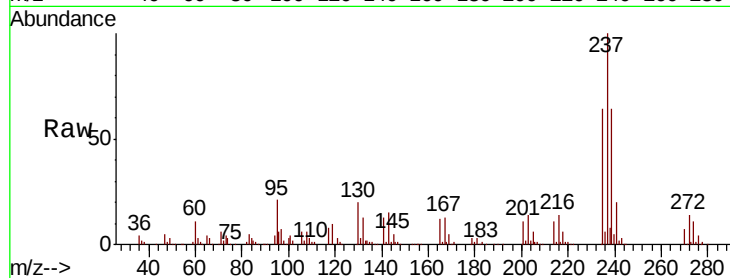
Tot Ion:237 Resp: 404021

Ion Ratio Lower Upper

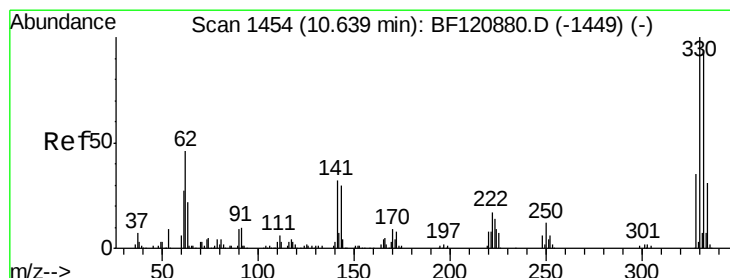
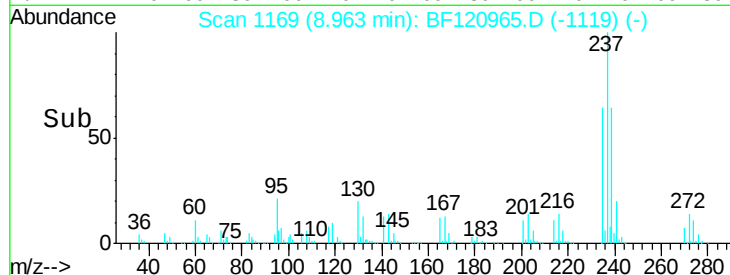
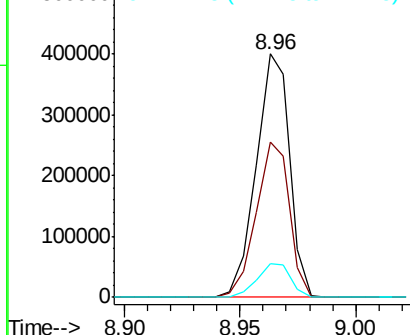
237 100

235 63.9 41.6 81.6

272 14.0 0.0 33.7



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: 108.693 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

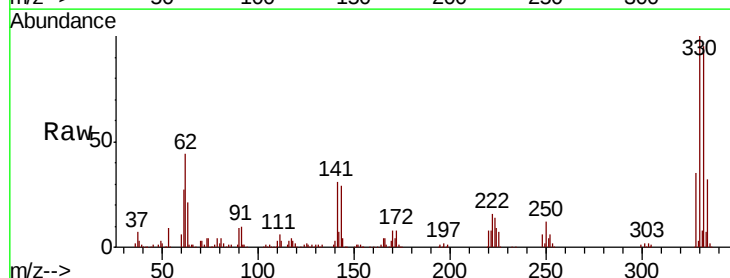
Tgt Ion:330 Resp: 357354

Ion Ratio Lower Upper

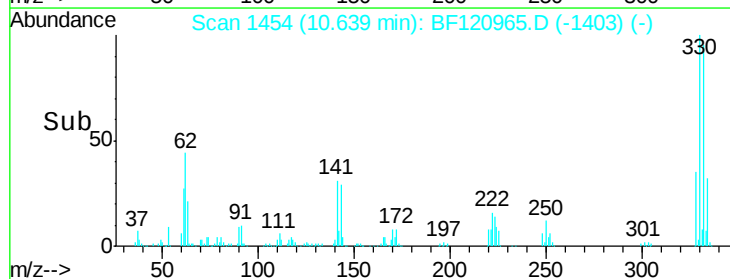
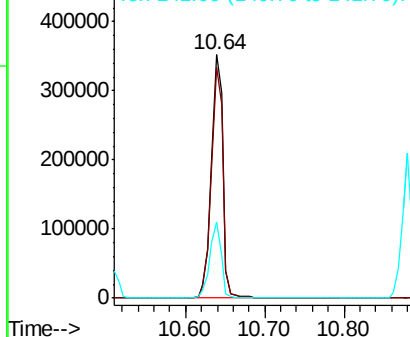
330 100

332 94.7 75.5 113.3

141 30.8 25.7 38.5



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

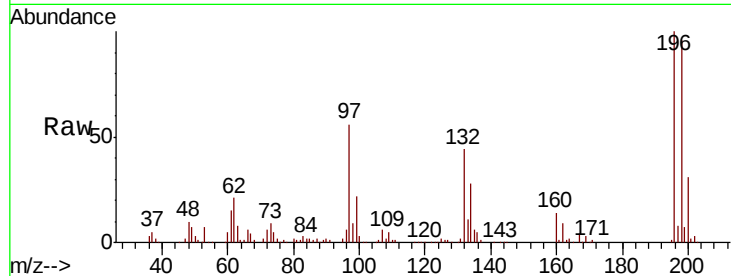




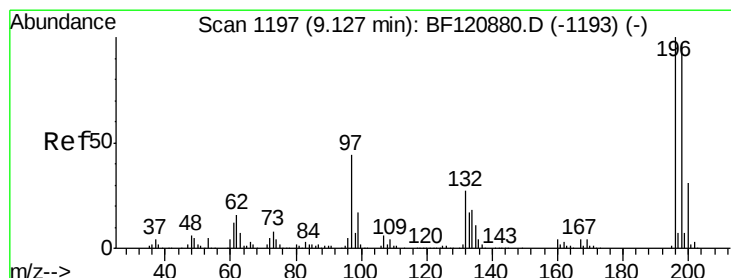
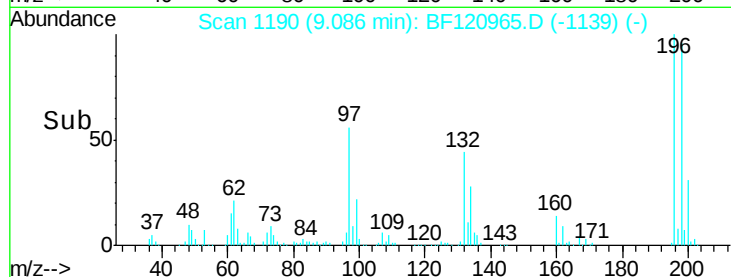
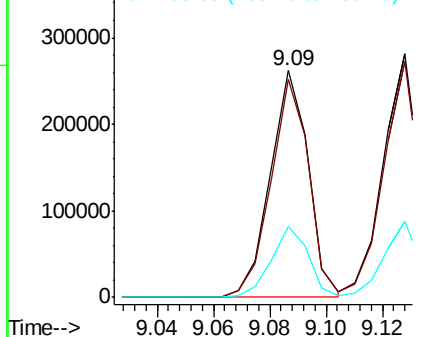
#43
 2,4,6-Trichlorophenol
 Concen: 39.624 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 244151
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.4 24.4 36.6

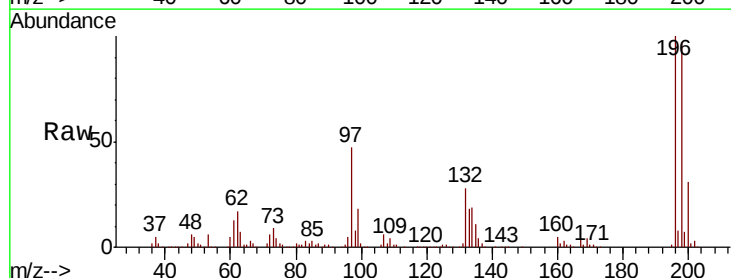


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

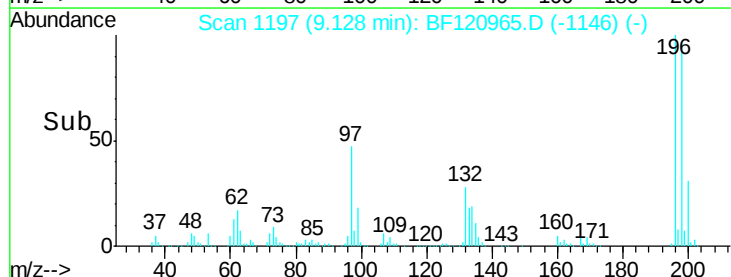
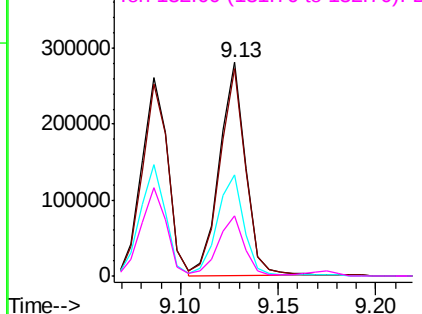


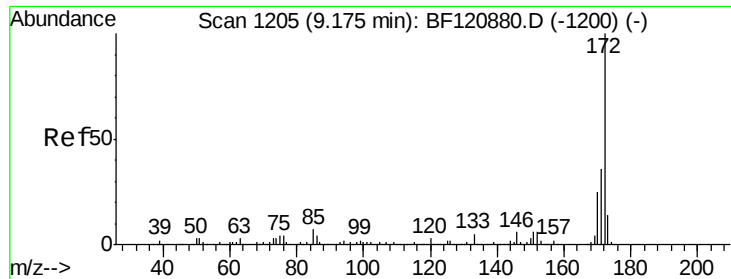
#44
 2,4,5-Trichlorophenol
 Concen: 37.228 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:196 Resp: 260199
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.6 116.4
 97 47.1 35.6 53.4
 132 28.0 21.5 32.3



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

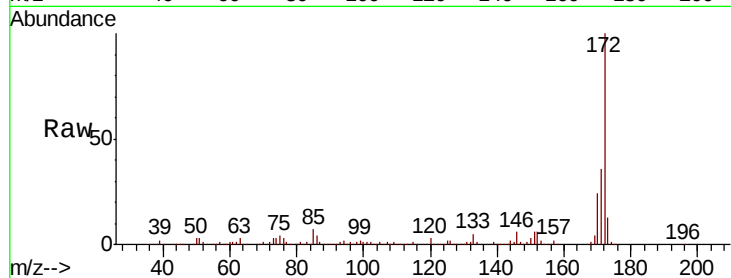




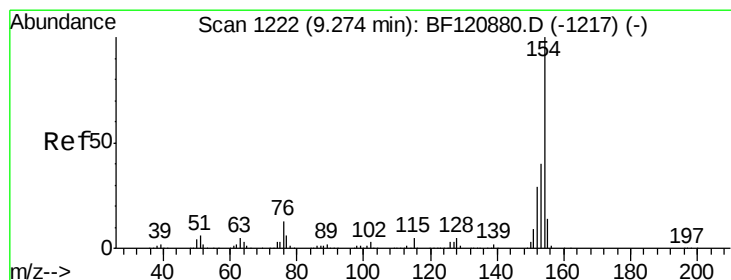
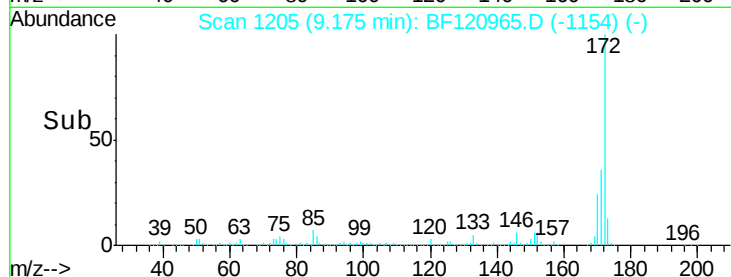
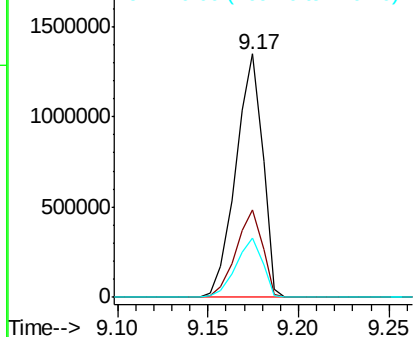
#45
2-Fluorobiphenyl
Concen: 68.791 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1383889
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.5 19.6 29.4

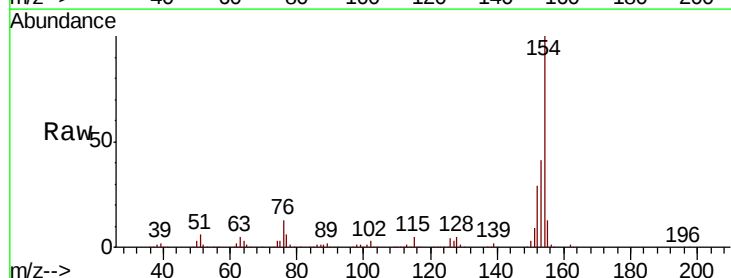


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

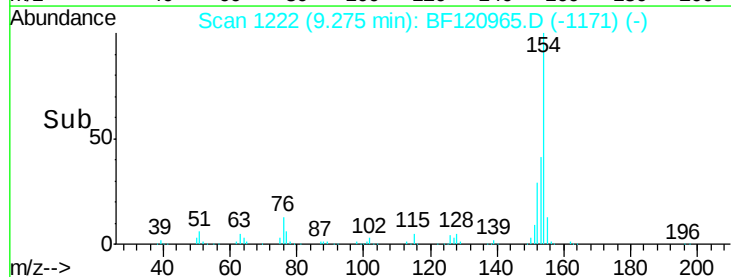
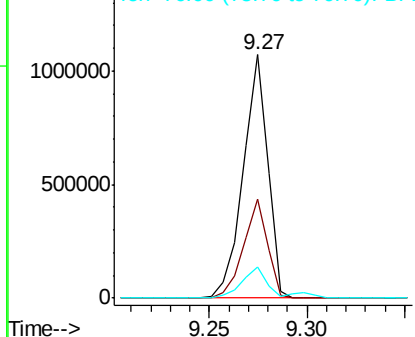


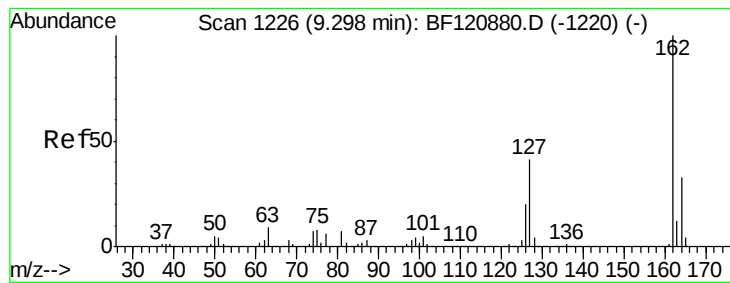
#46
1,1'-Biphenyl
Concen: 40.742 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:154 Resp: 933471
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.599 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampled :

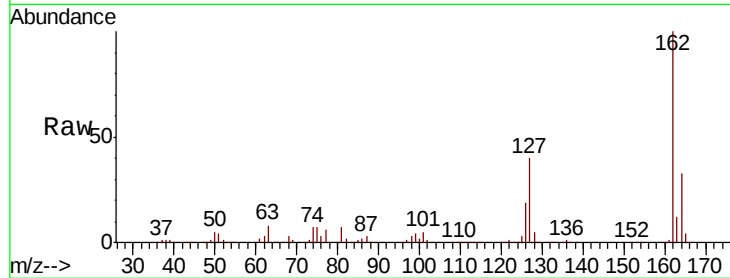
Tot Ion:162 Resp: 721027

Ion Ratio Lower Upper

162 100

127 40.1 33.3 49.9

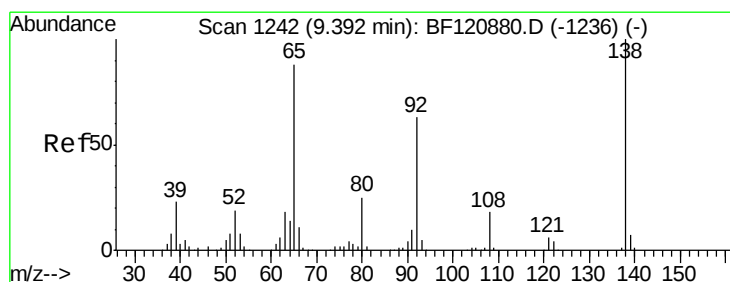
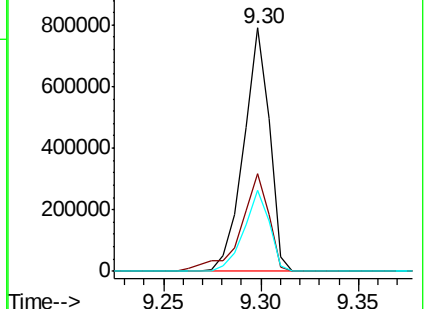
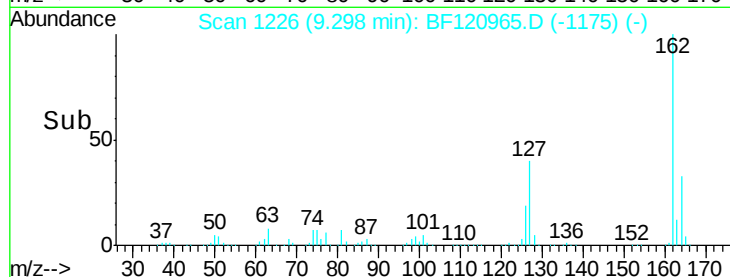
164 33.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.027 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

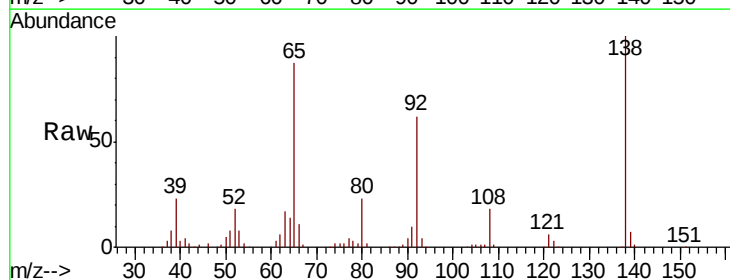
Tgt Ion: 65 Resp: 220315

Ion Ratio Lower Upper

65 100

92 71.2 57.0 85.4

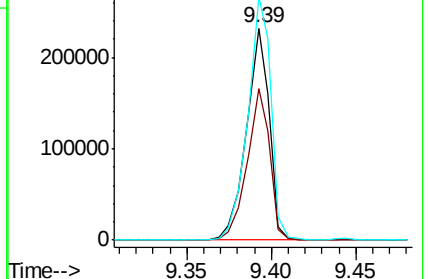
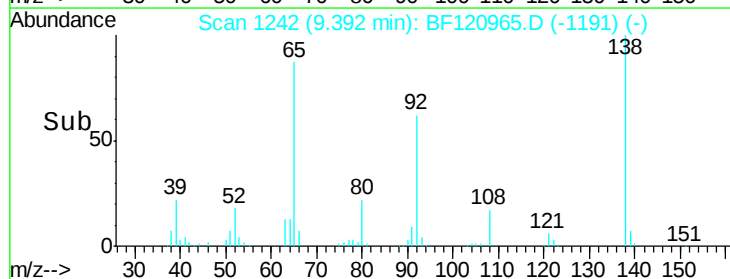
138 114.7 90.4 135.6

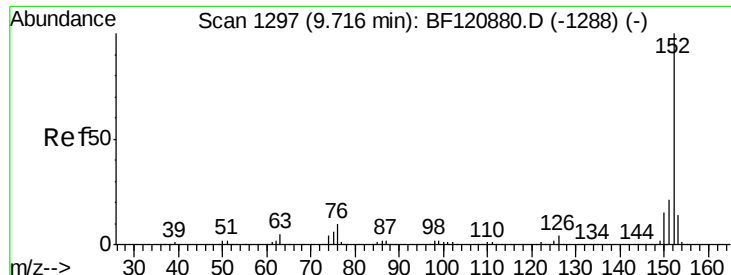


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.651 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

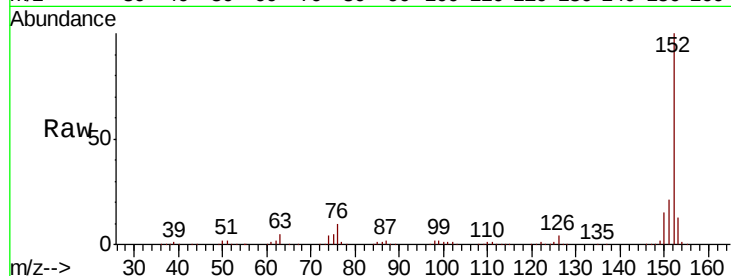
Tot Ion:152 Resp: 1150642

Ion Ratio Lower Upper

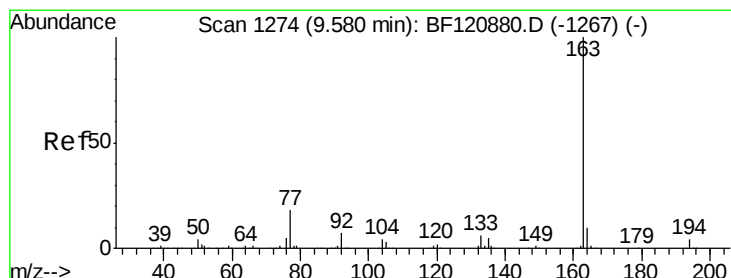
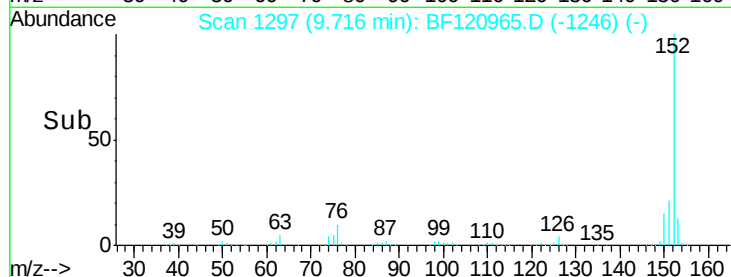
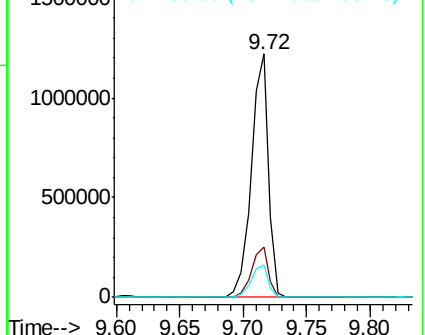
152 100

151 20.6 16.6 25.0

153 13.3 10.9 16.3



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: 39.676 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

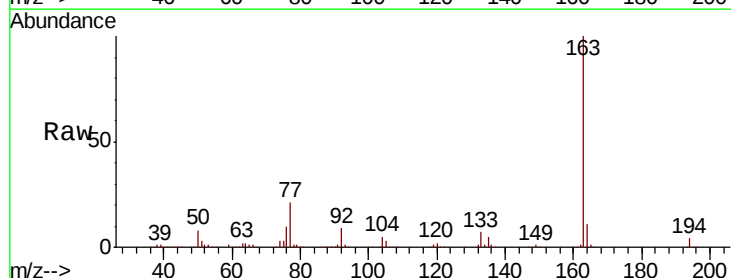
Tgt Ion:163 Resp: 859753

Ion Ratio Lower Upper

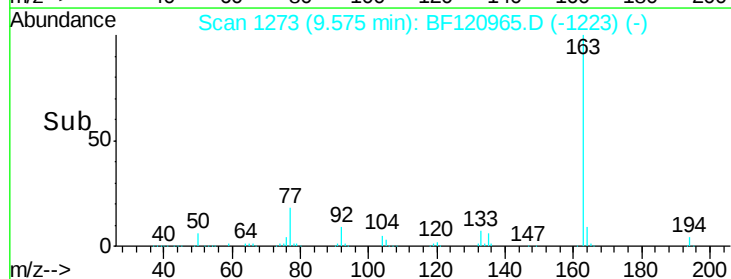
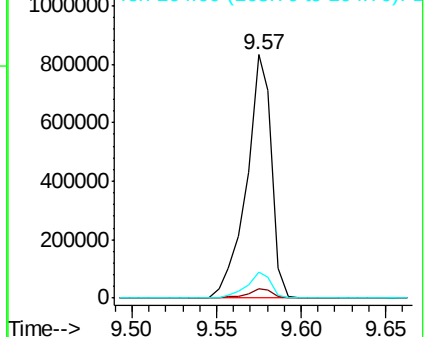
163 100

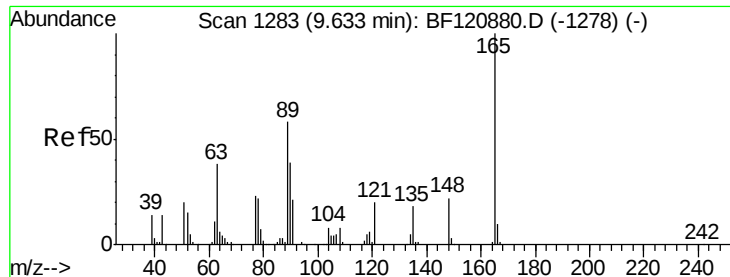
194 3.8 3.2 4.8

164 10.6 7.9 11.9



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

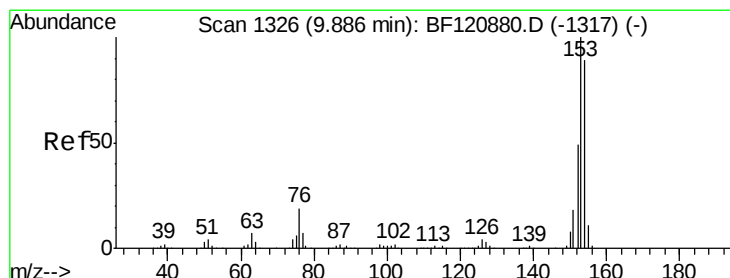
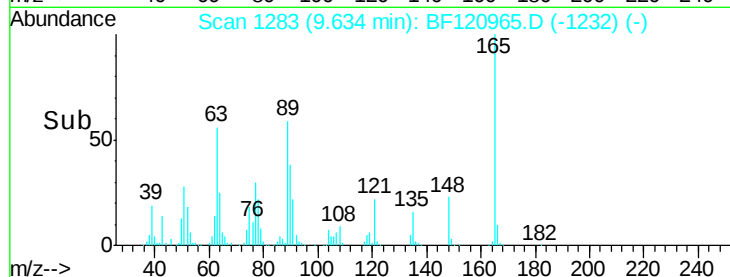
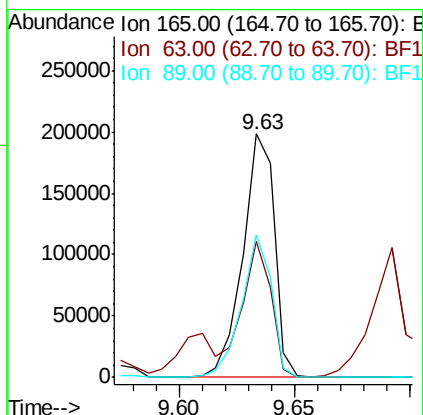
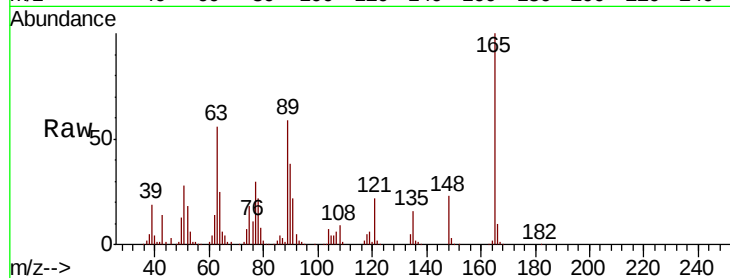




#51
 2,6-Dinitrotoluene
 Concen: 40.822 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

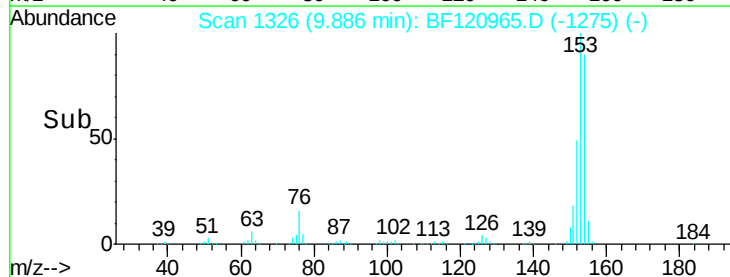
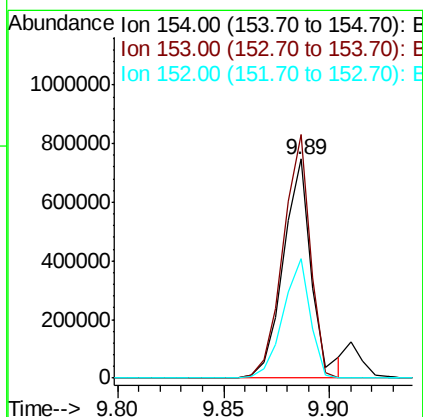
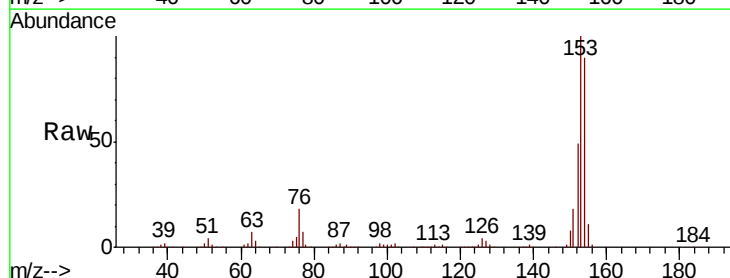
Instrument :
 BNA_F
 ClientSampled :

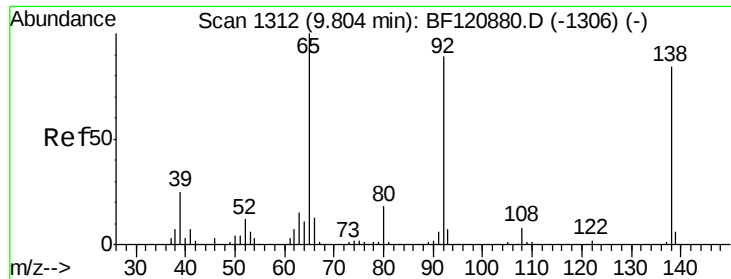
Tot Ion:165 Resp: 190042
 Ion Ratio Lower Upper
 165 100
 63 55.7 45.4 68.2
 89 58.6 47.0 70.4



#52
 Acenaphthene
 Concen: 37.843 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:154 Resp: 698191
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.5 134.3
 152 54.7 44.2 66.2

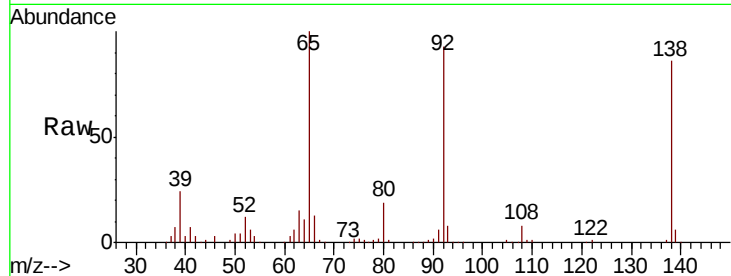




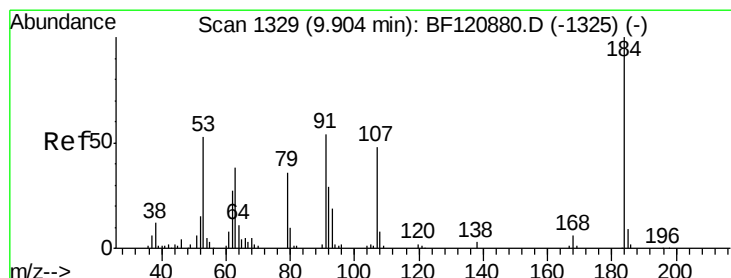
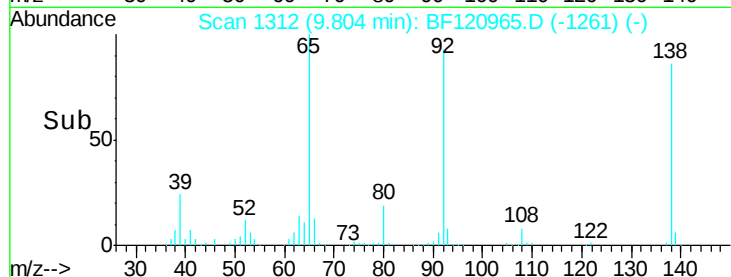
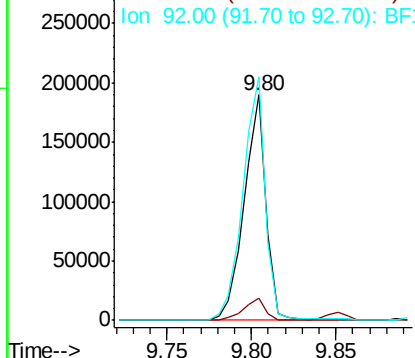
#53
3-Nitroaniline
Concen: 29.430 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 171834
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 108.0 85.3 127.9

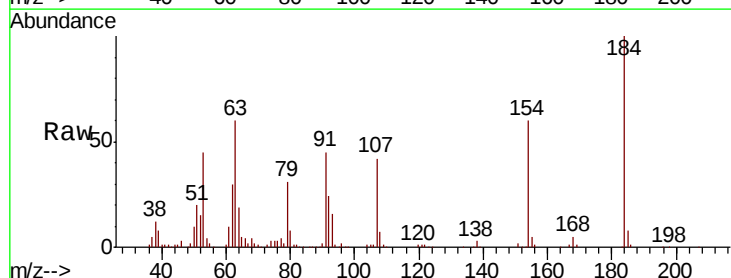


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

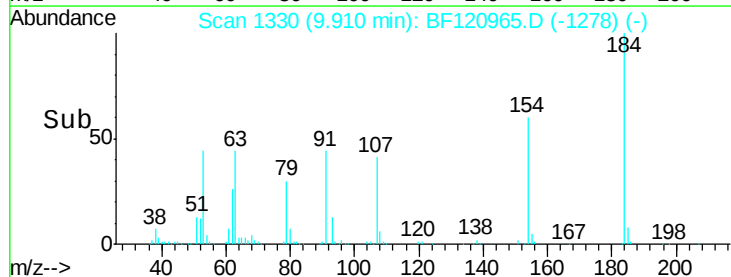
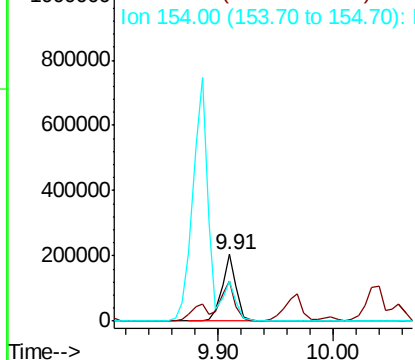


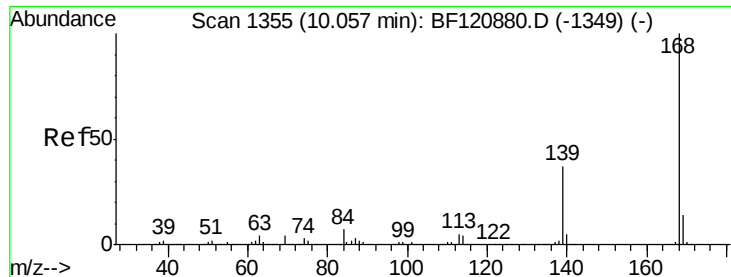
#54
2,4-Dinitrophenol
Concen: 66.765 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:184 Resp: 175597
Ion Ratio Lower Upper
184 100
63 60.2 57.9 86.9
154 60.3 52.6 78.8



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

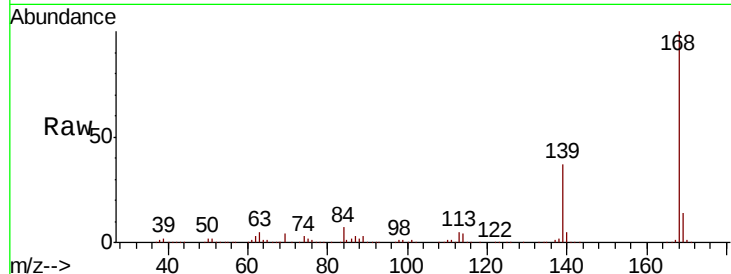




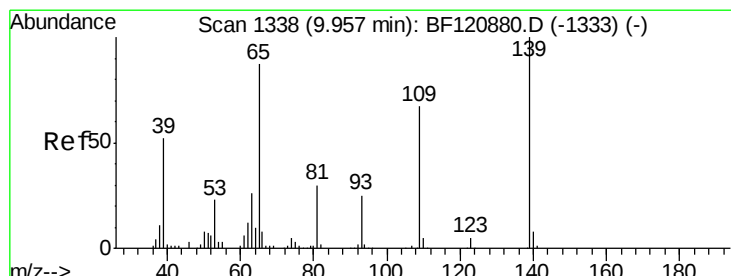
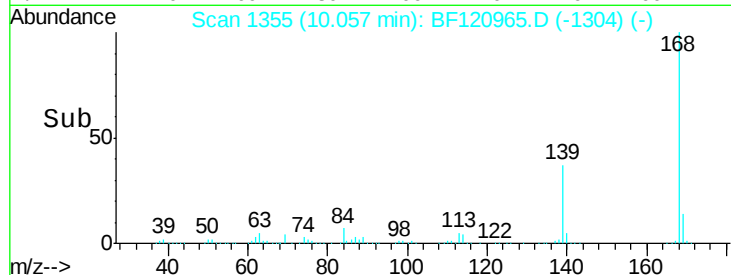
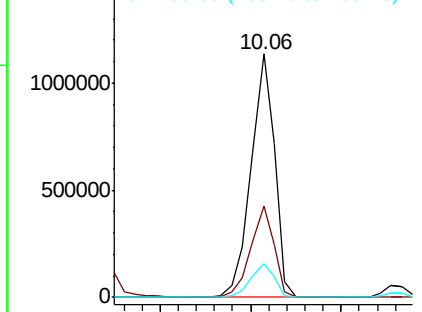
#55
Dibenzenofuran
Concen: 38.418 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1024989
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 13.8 11.1 16.7

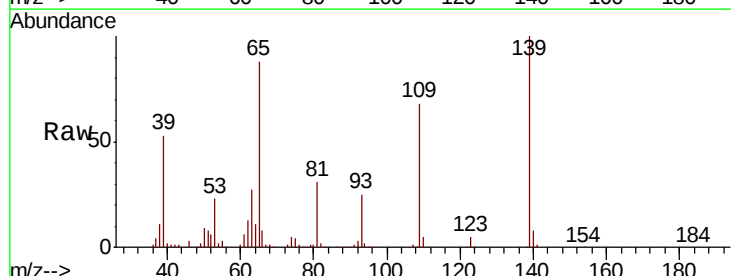


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

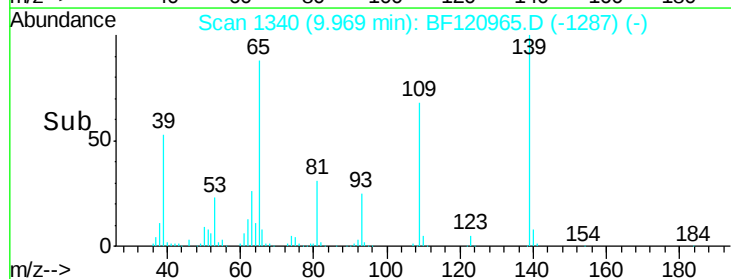
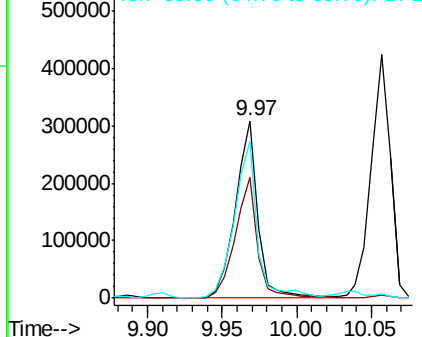


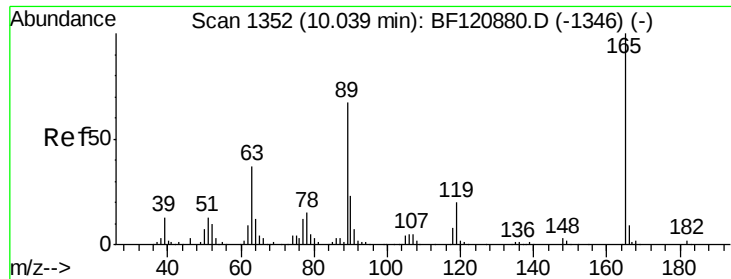
#56
4-Nitrophenol
Concen: 73.539 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:139 Resp: 326165
Ion Ratio Lower Upper
139 100
109 67.7 47.3 87.3
65 87.9 67.2 107.2



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

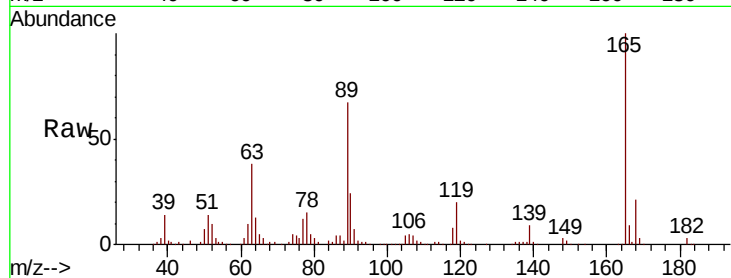




#57
2,4-Dinitrotoluene
Concen: 41.503 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	29.4	44.2
89	66.8	53.4	80.0
182	2.6	1.8	2.6

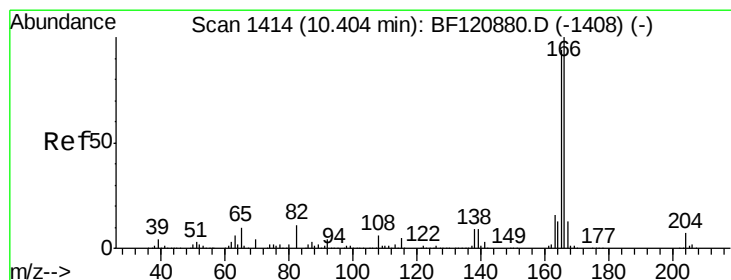
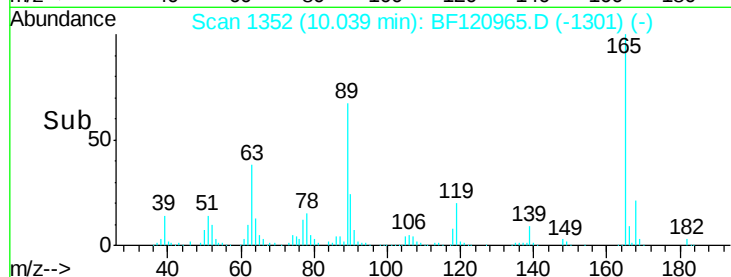
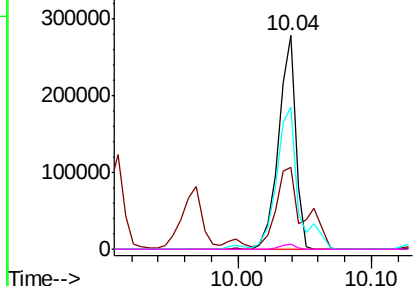


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

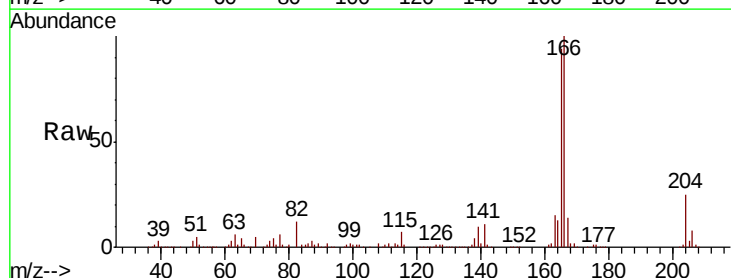
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.113 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

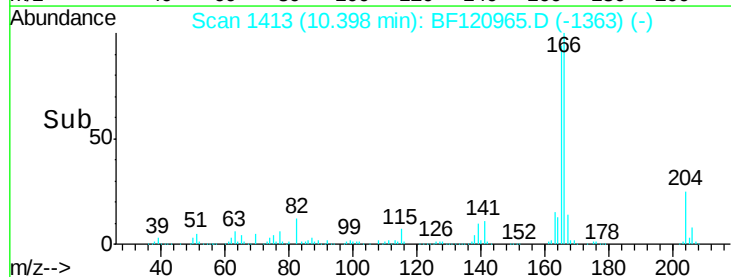
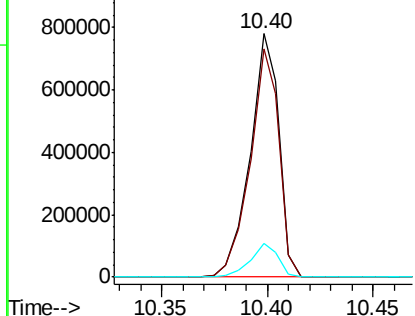
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.4	113.0
167	13.6	10.6	15.8

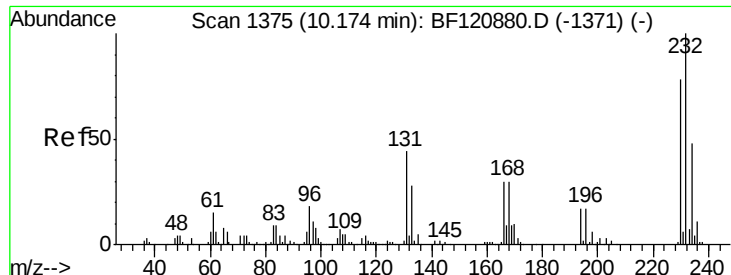


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

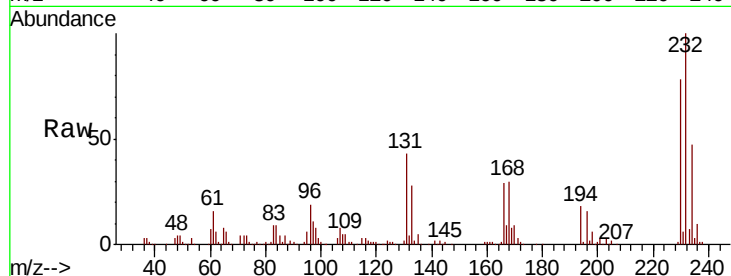




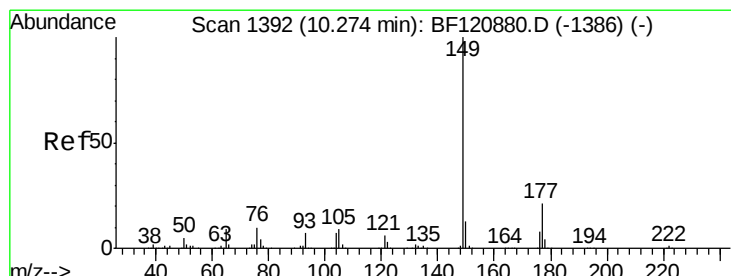
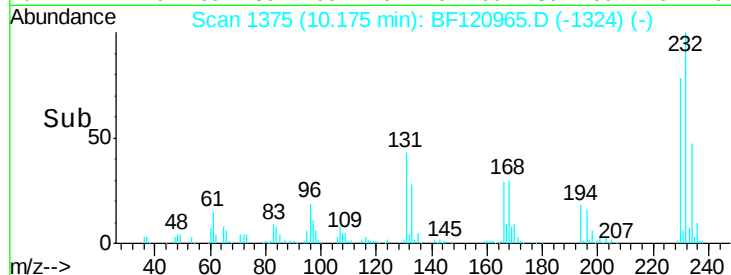
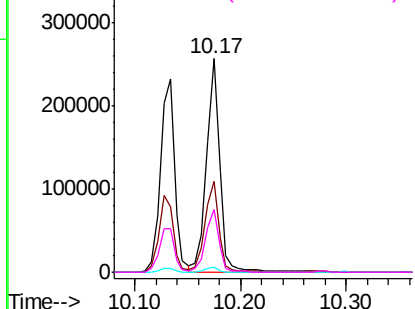
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.381 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	225533
Ion	Ratio	Lower	Upper
232	100		
131	44.6	37.1	55.7
130	2.2	1.7	2.5
166	30.0	24.2	36.4

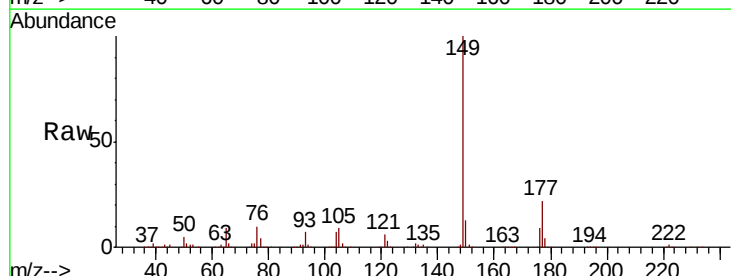


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

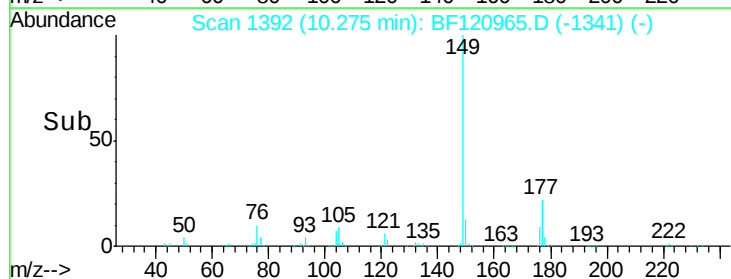
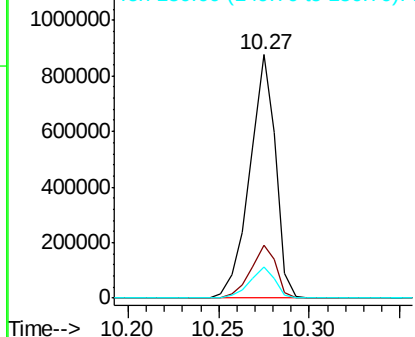


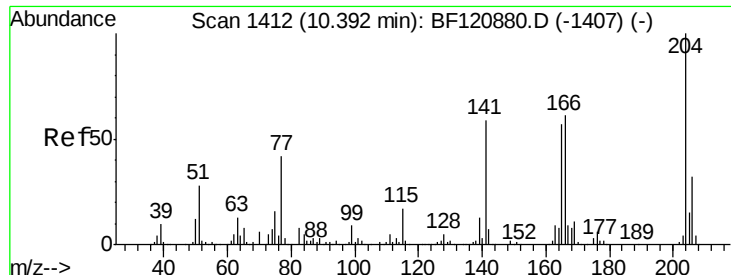
#60
 Diethylphthalate
 Concen: 39.401 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:	149	Resp:	863587
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.6	10.3	15.5



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

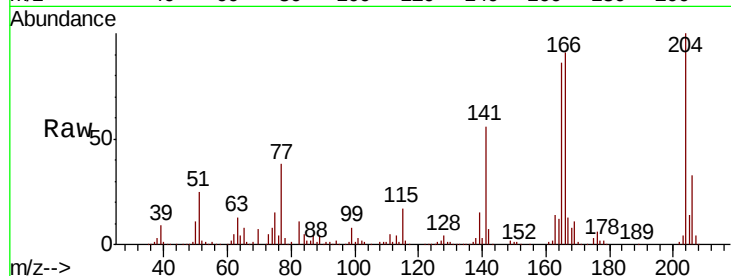




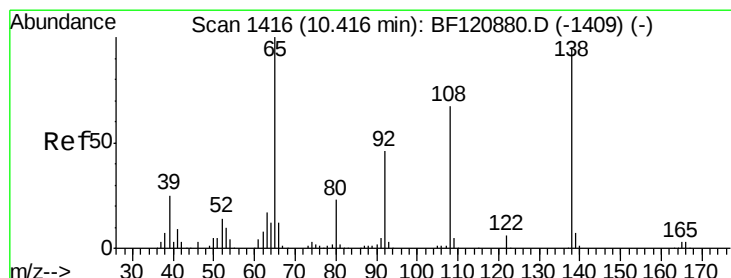
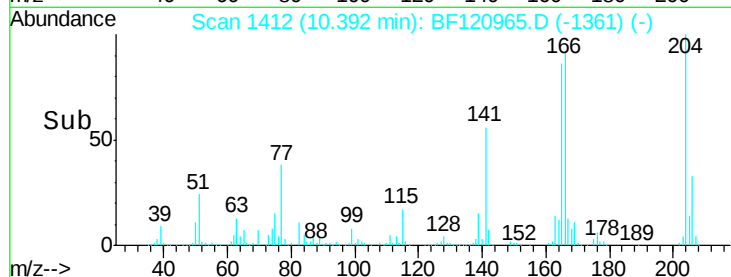
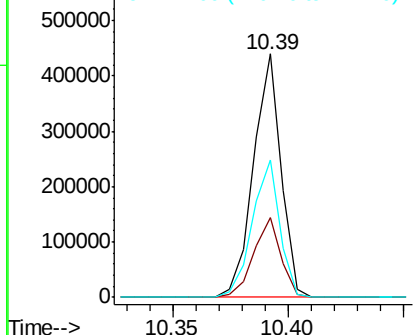
#61
4-Chlorophenyl-phenylether
Concen: 34.434 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 365470
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 56.4 47.2 70.8

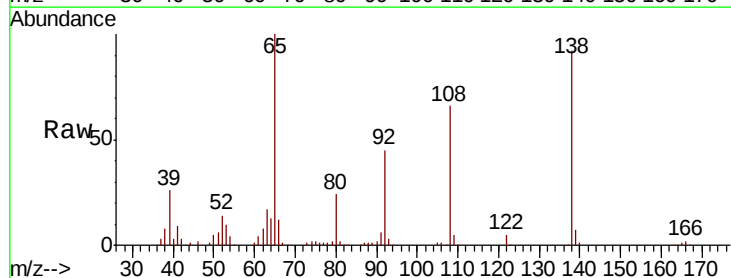


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

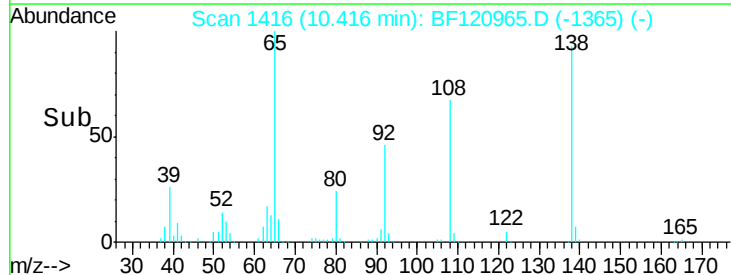
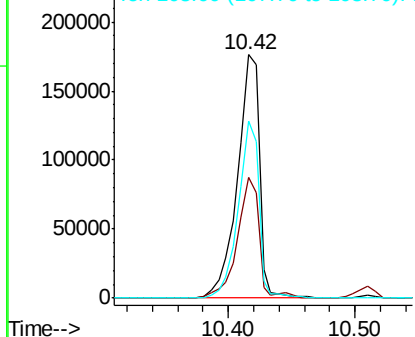


#62
4-Nitroaniline
Concen: 37.076 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:138 Resp: 210868
Ion Ratio Lower Upper
138 100
92 49.6 28.6 68.6
108 72.5 51.1 91.1



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





#63

Azobenzene

Concen: 39.388 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 821876

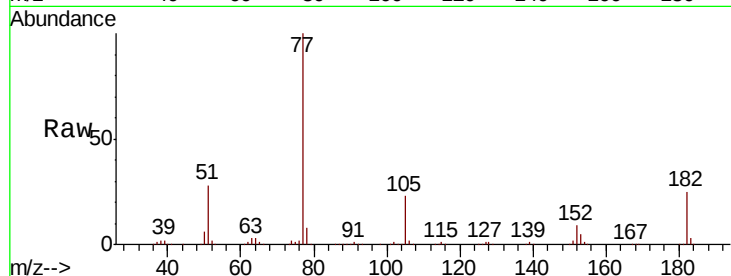
Ion Ratio Lower Upper

77 100

182 25.0 7.8 47.8

105 23.5 4.4 44.4

51 28.2 8.0 48.0

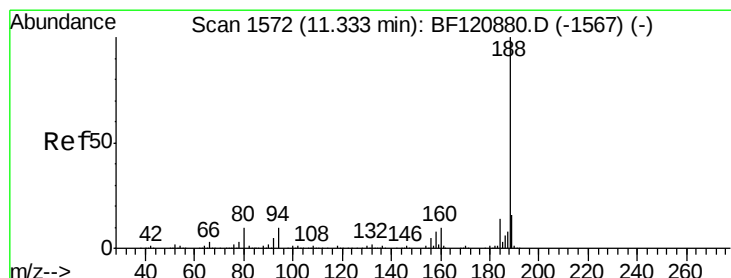
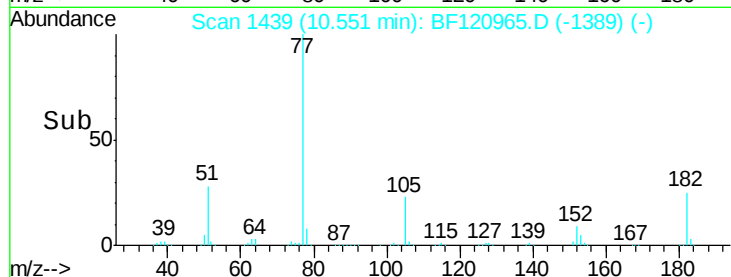
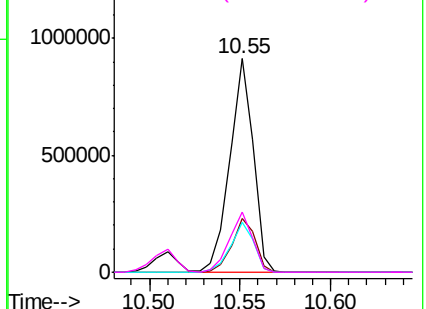


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

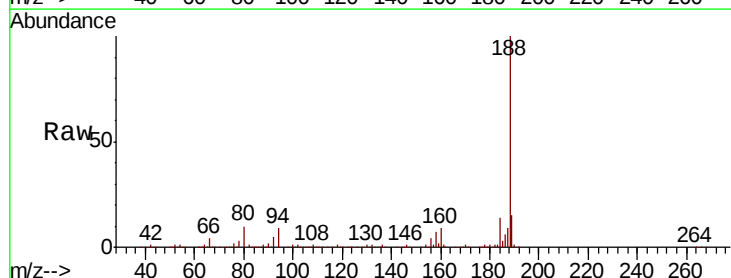
Tgt Ion: 188 Resp: 564348

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

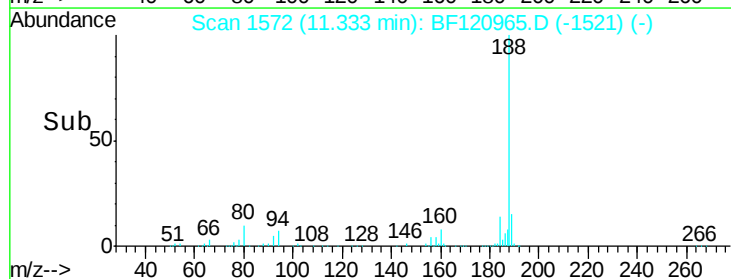
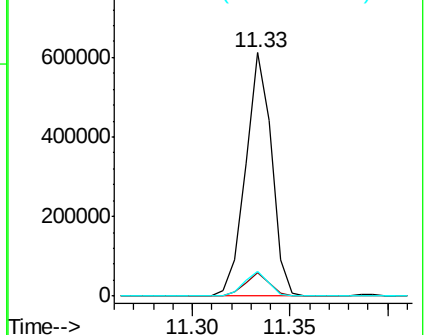
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.640 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

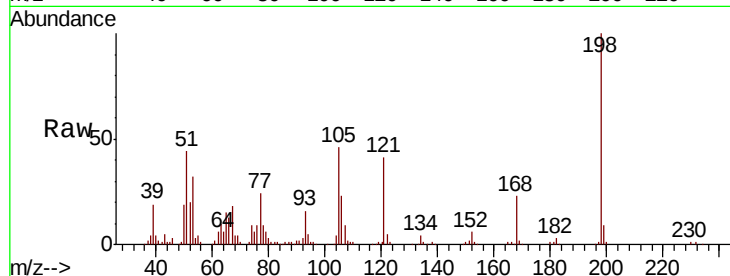
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 119995

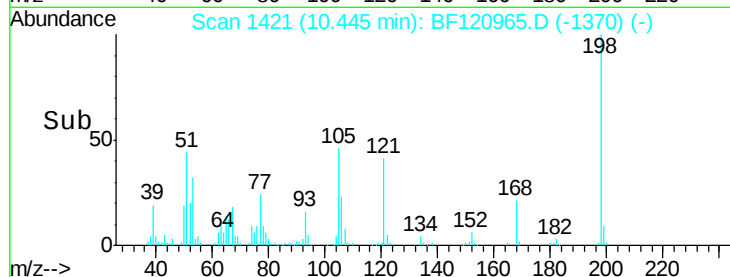
Ion	Ratio	Lower	Upper
198	100		
51	43.7	19.5	59.5
105	45.5	24.4	64.4



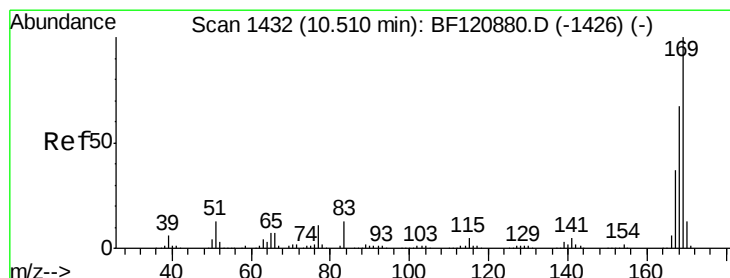
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.804 ng

RT: 10.51 min Scan# 1432

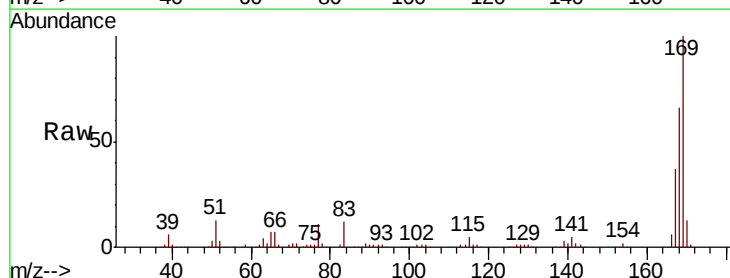
Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion:169 Resp: 724408

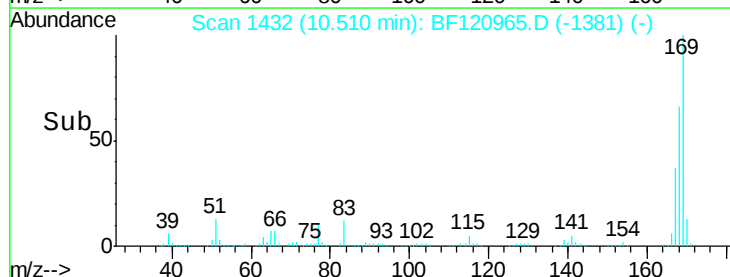
Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.0
167	37.0	29.4	44.0



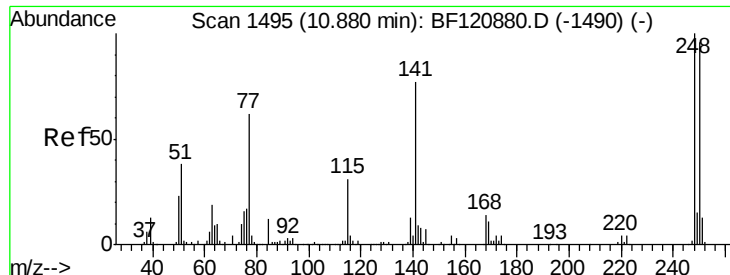
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



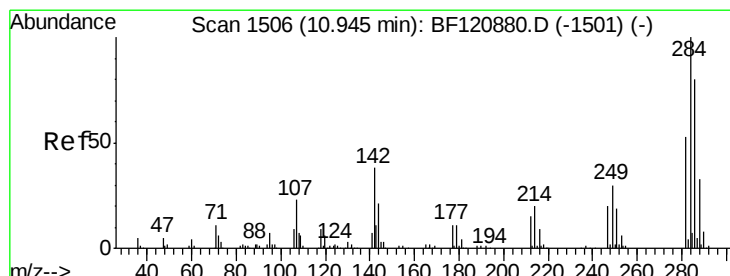
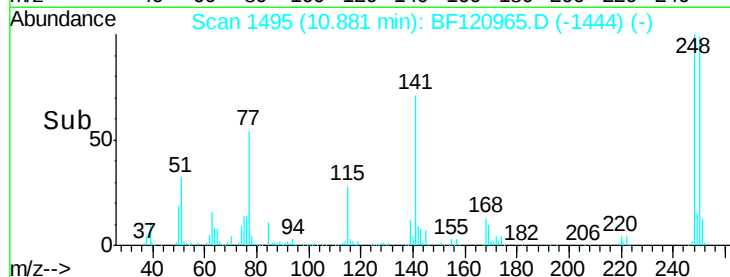
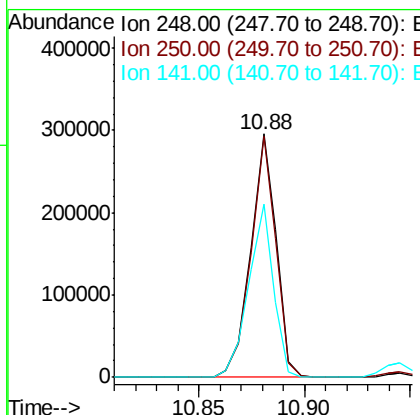
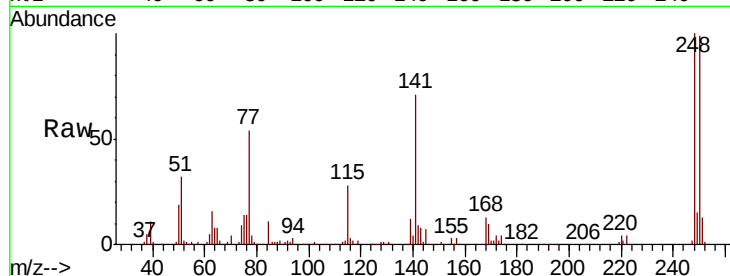
Time-->



#67
4-Bromophenyl-phenylether
Concen: 39.663 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

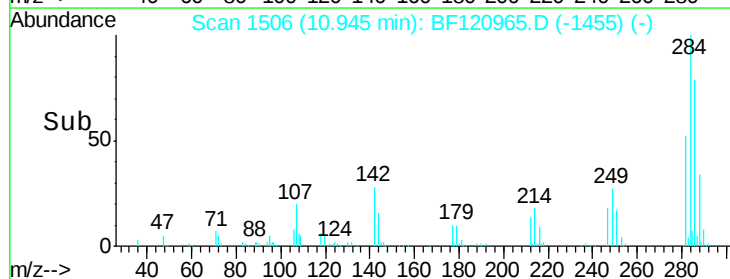
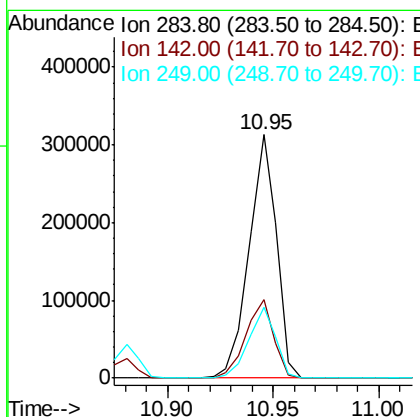
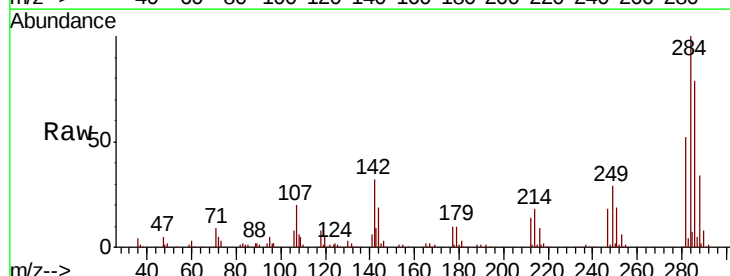
Instrument :
BNA_F
ClientSampleId :

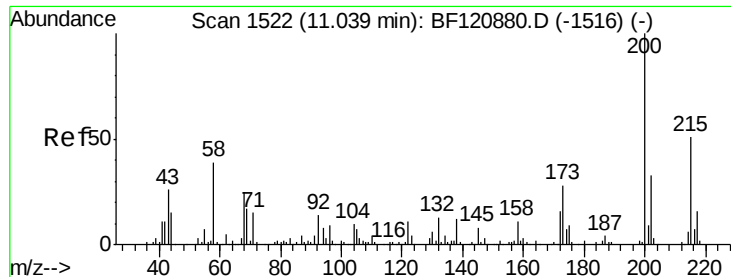
Tot Ion:248 Resp: 249563
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 71.1 61.2 91.8



#68
Hexachlorobenzene
Concen: 41.352 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:284 Resp: 281459
Ion Ratio Lower Upper
284 100
142 32.3 30.2 45.2
249 28.9 24.2 36.2

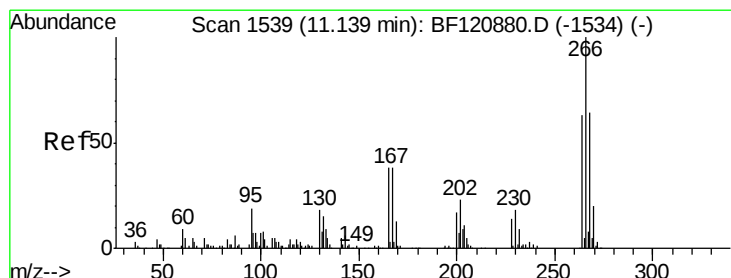
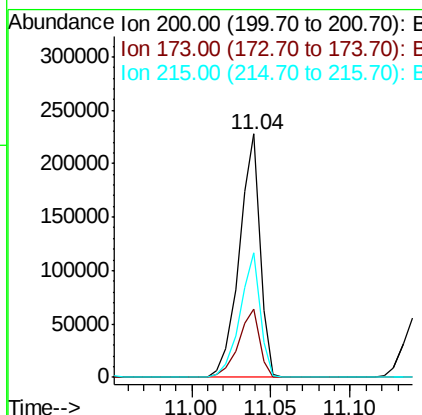
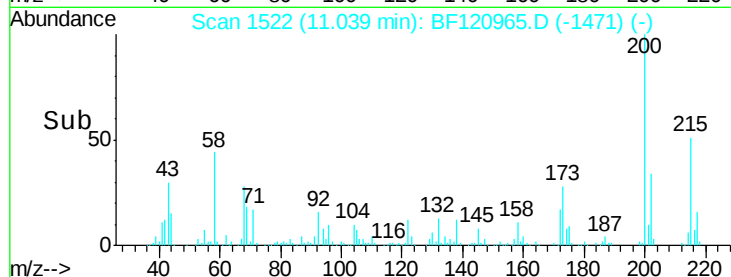
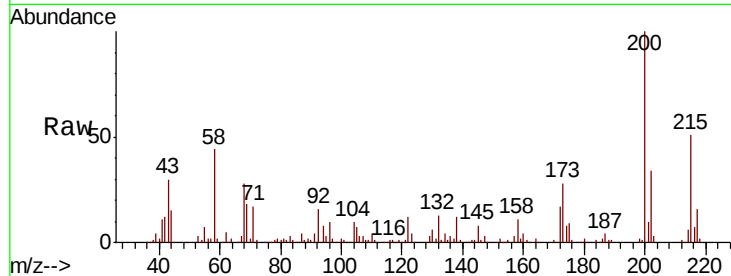




#69
 Atrazine
 Concen: 46.900 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

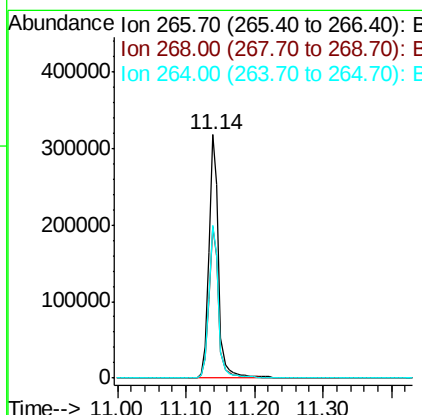
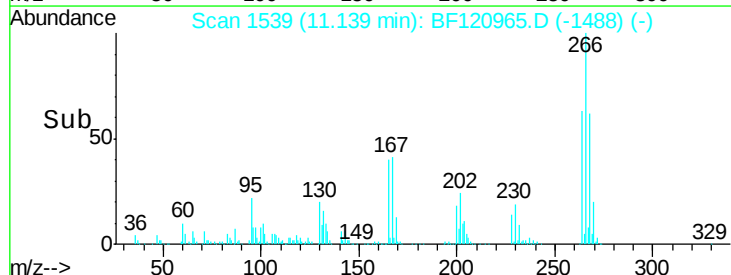
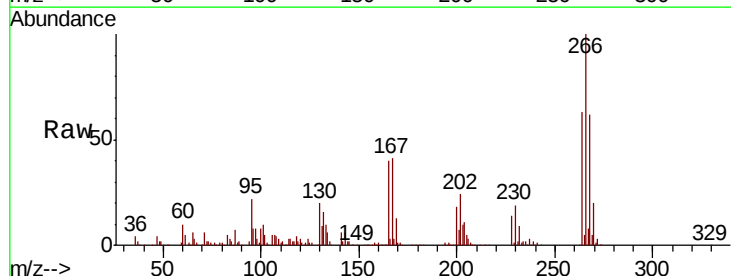
Instrument :
 BNA_F
 ClientSampleId :

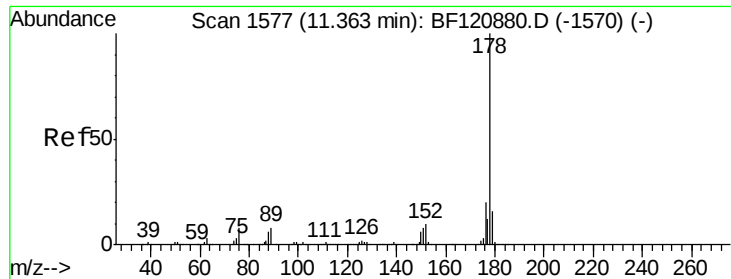
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.0	48.0
215	51.4	31.5	71.5



#70
 Pentachlorophenol
 Concen: 82.361 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.6	50.2	75.2

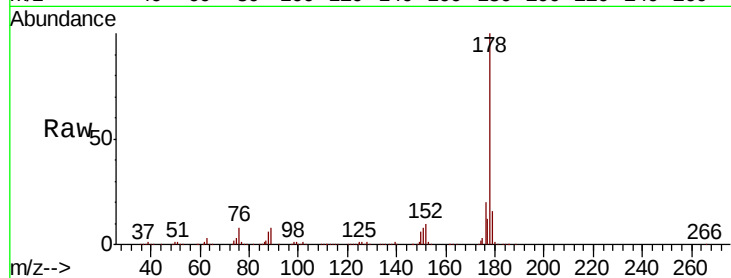




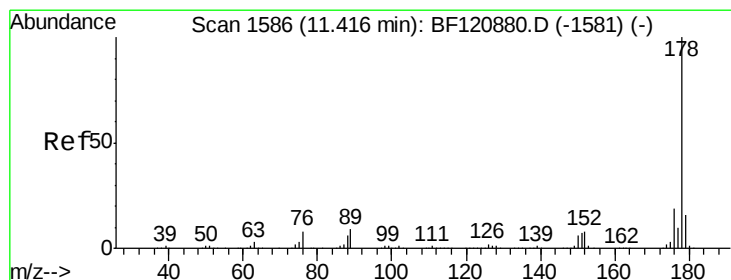
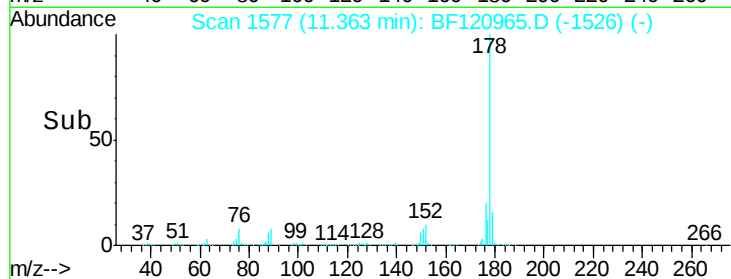
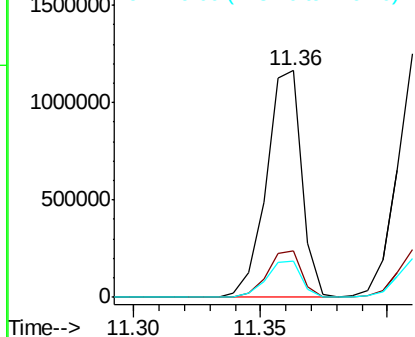
#71
Phenanthrene
Concen: 39.254 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1139344
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.8 12.8 19.2

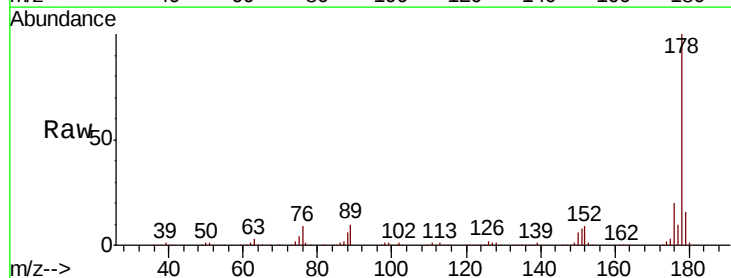


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

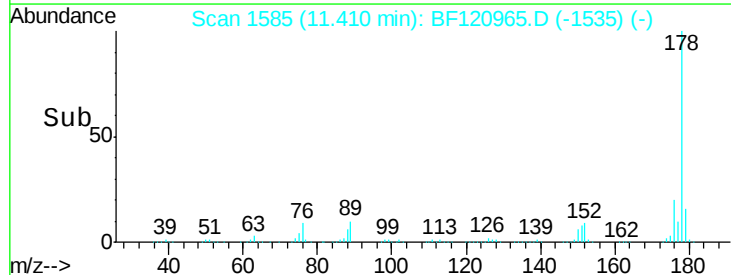
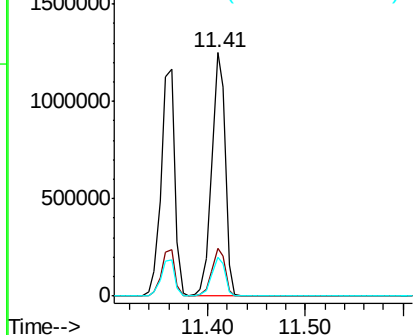


#72
Anthracene
Concen: 41.279 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:178 Resp: 1203068
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

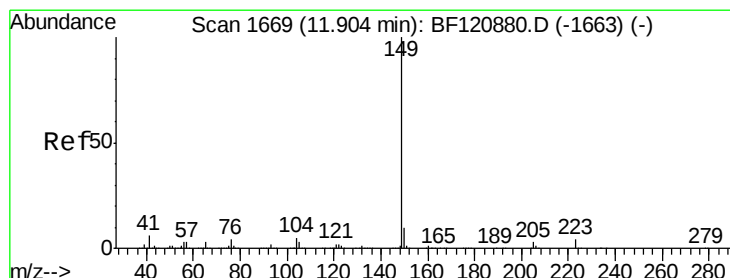
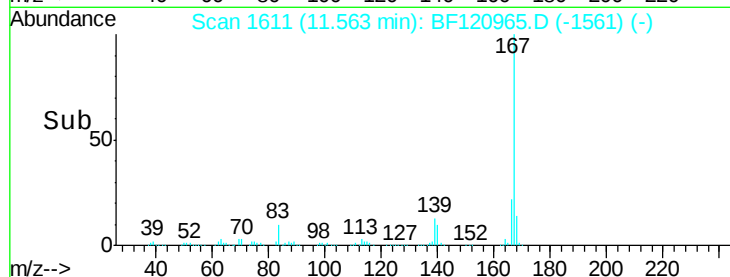
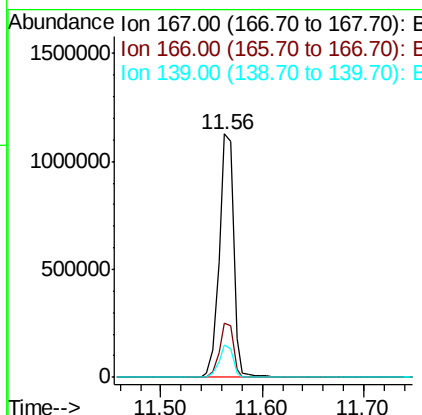
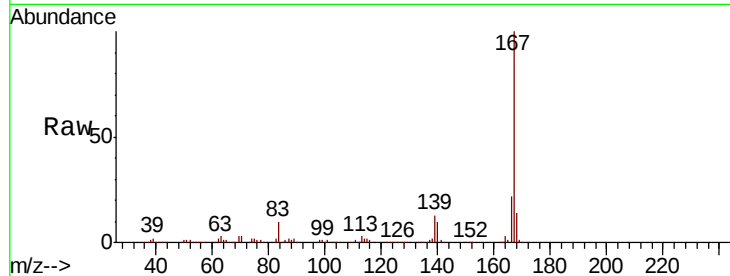




#73
 Carbazole
 Concen: 38.499 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

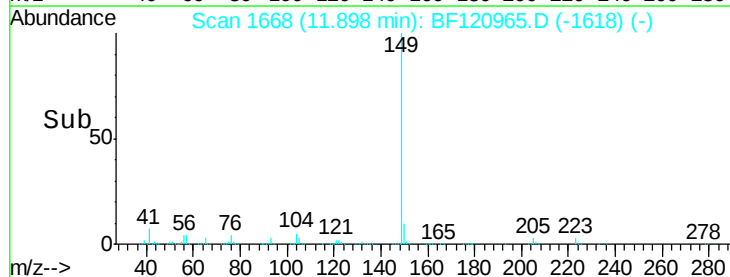
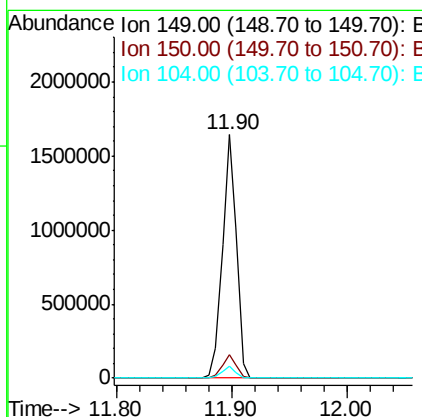
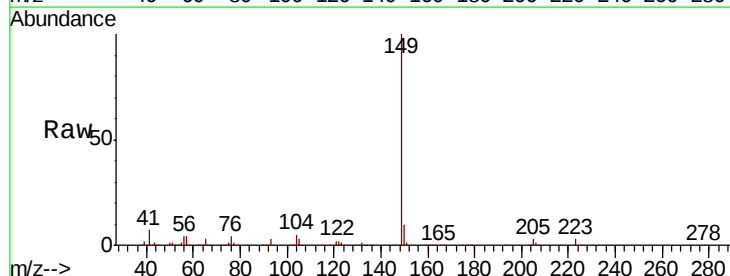
Instrument :
 BNA_F
 ClientSampleId :

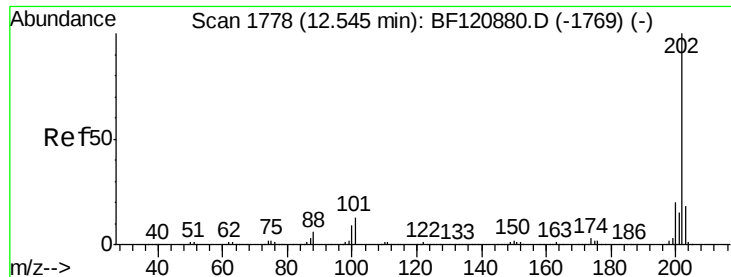
Tot Ion:167 Resp: 1113518
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.248 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:149 Resp: 1376753
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6

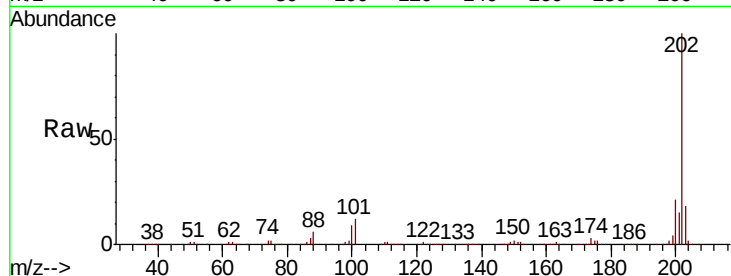




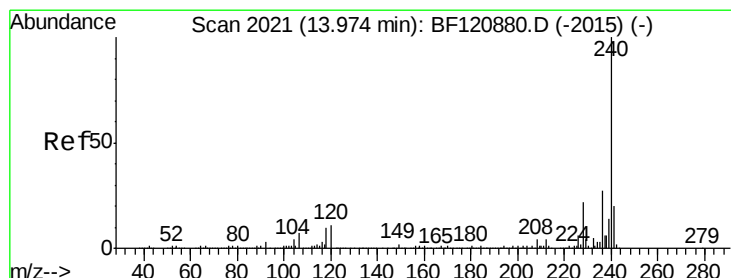
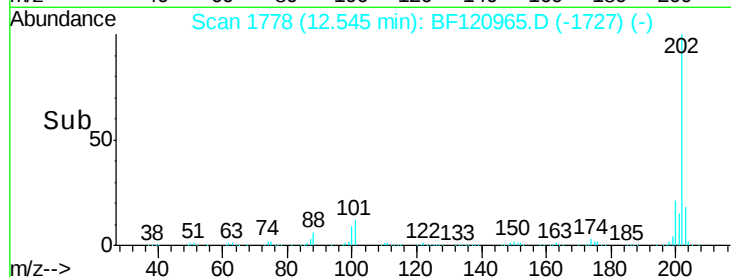
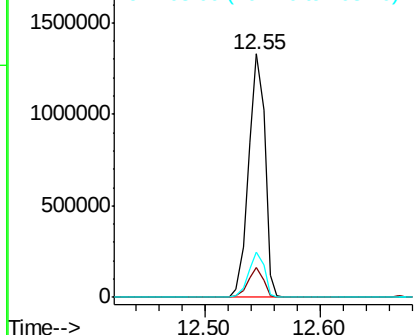
#75
 Fluoranthene
 Concen: 40.222 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1294014
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.7
 203 18.3 0.0 38.0

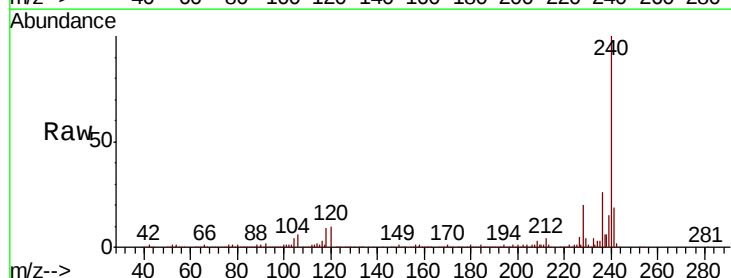


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

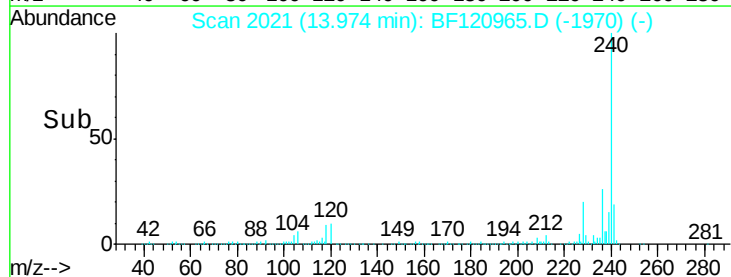
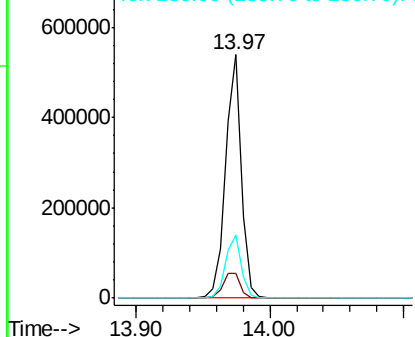


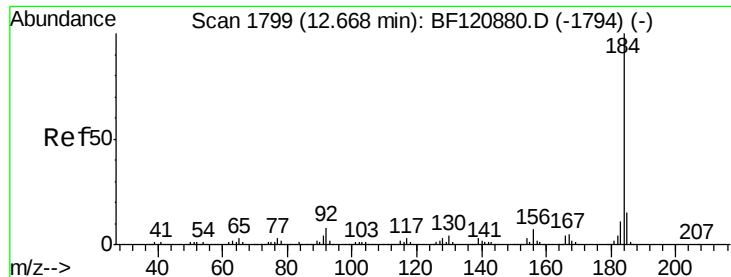
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:240 Resp: 450637
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.0 13.4
 236 26.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.971 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

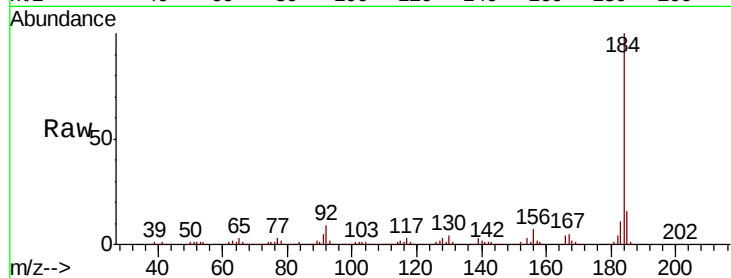
Tot Ion:184 Resp: 923805

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

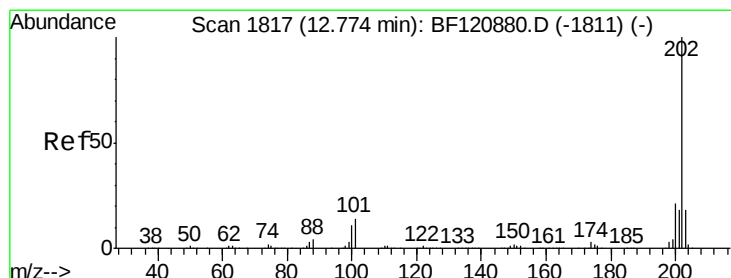
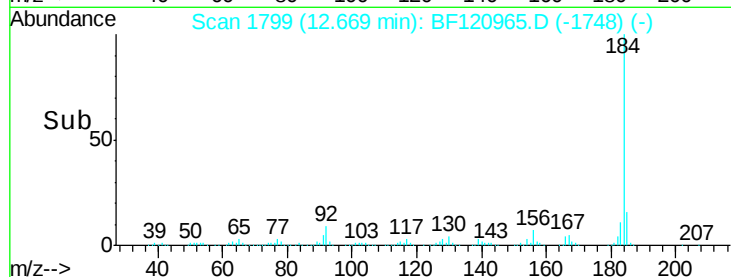
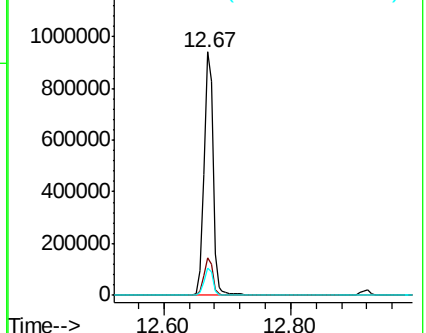
183 11.3 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.409 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

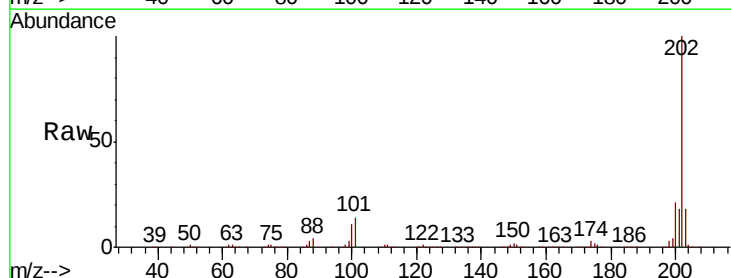
Tgt Ion:202 Resp: 1319296

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

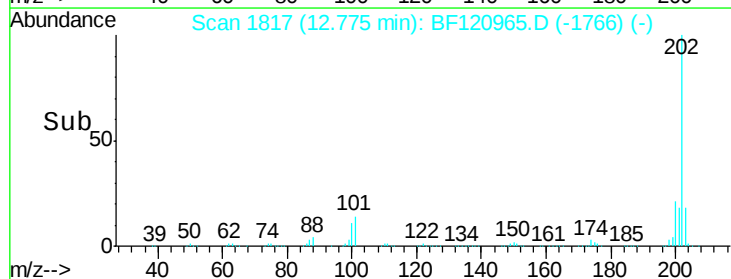
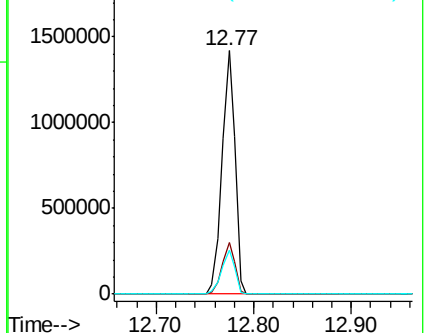
203 18.0 14.4 21.6



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: 70.067 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

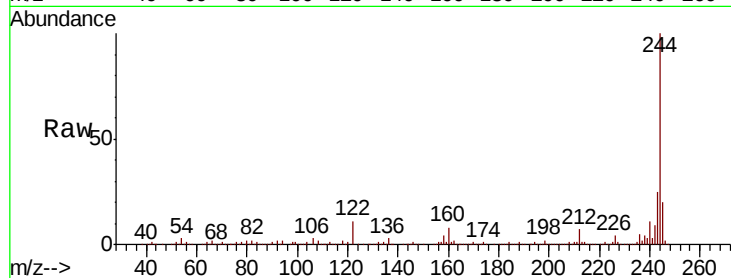
Tot Ion:244 Resp: 1452526

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

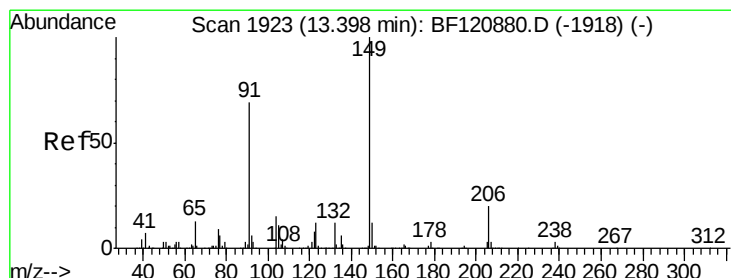
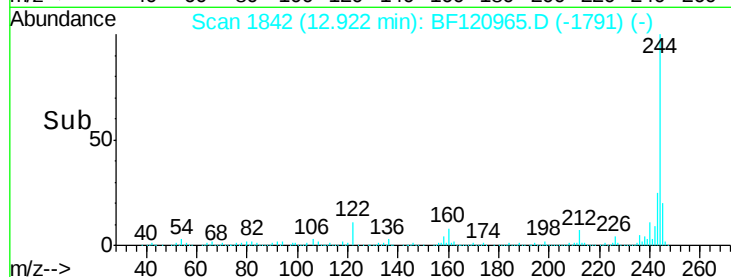
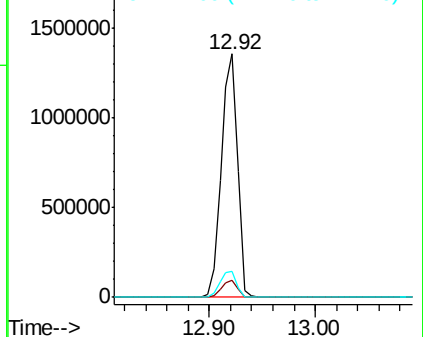
122 10.8 8.9 13.3



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: 42.108 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

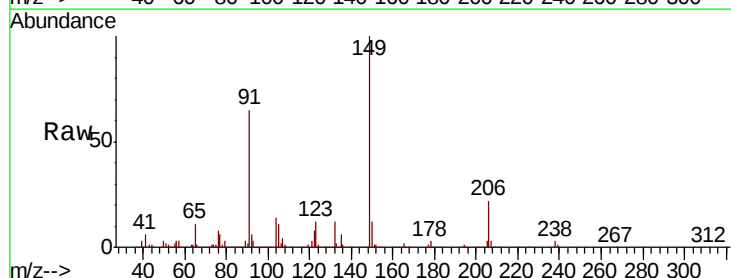
Tgt Ion:149 Resp: 598052

Ion Ratio Lower Upper

149 100

91 64.5 55.1 82.7

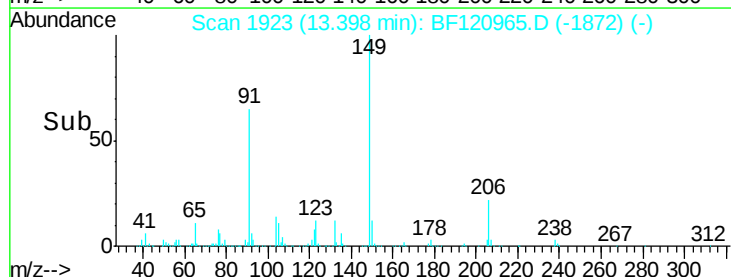
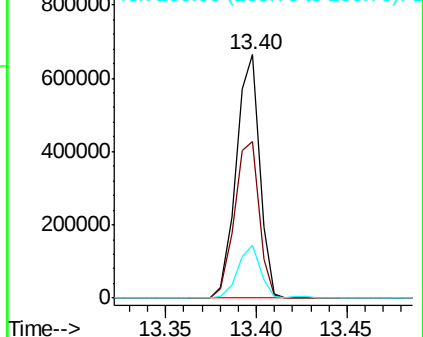
206 21.8 16.1 24.1



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: 39.362 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

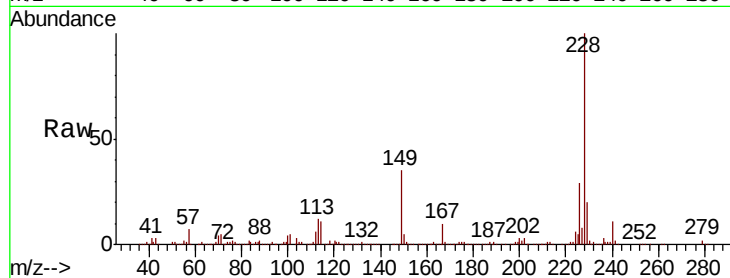
Tot Ion:228 Resp: 1074115

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

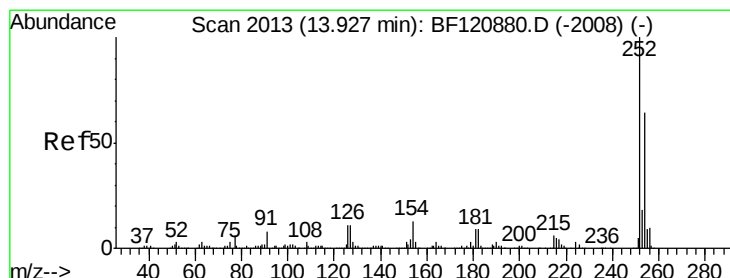
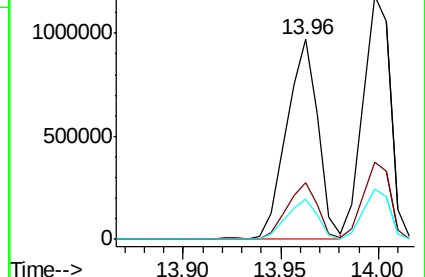
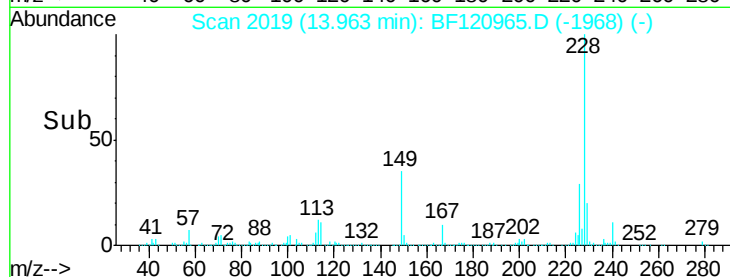
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.361 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

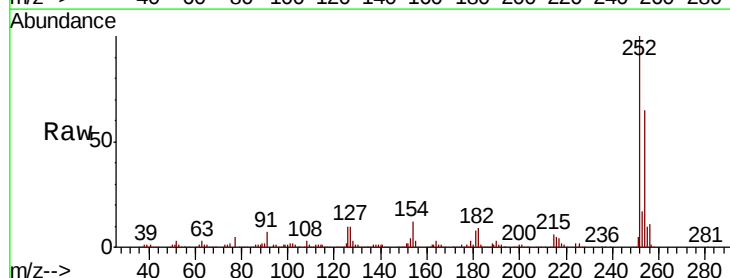
Tgt Ion:252 Resp: 405229

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

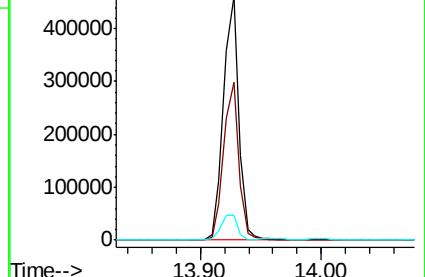
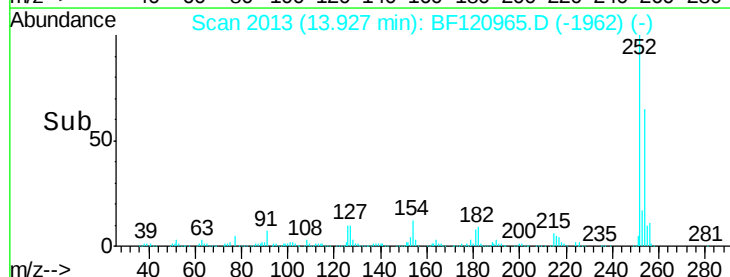
126 10.1 8.7 13.1

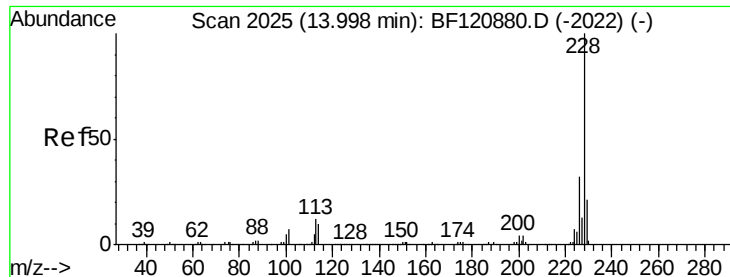


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.256 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

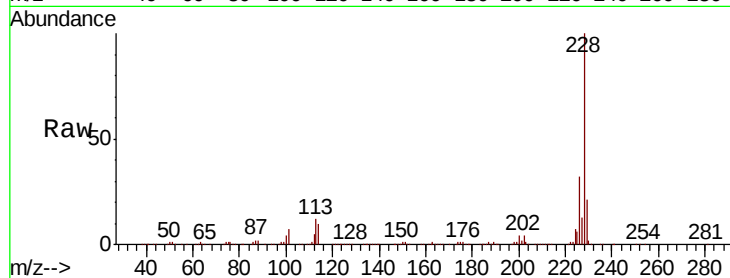
Tot Ion:228 Resp: 1154423

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

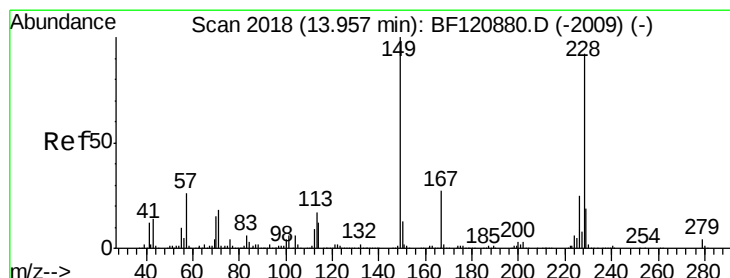
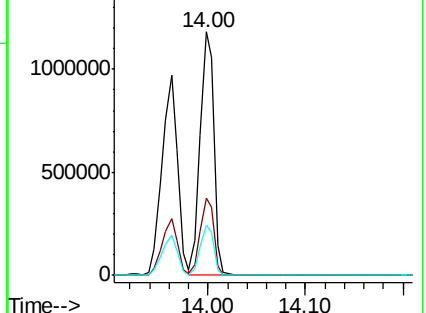
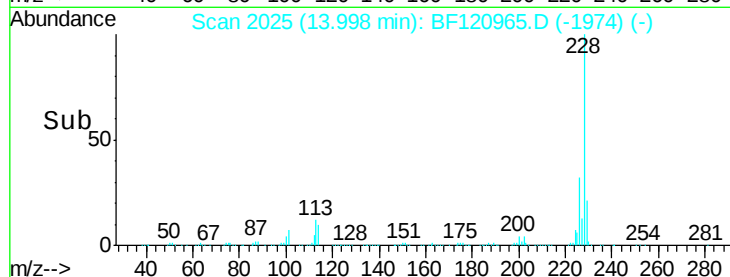
229 20.6 16.8 25.2



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: 42.248 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

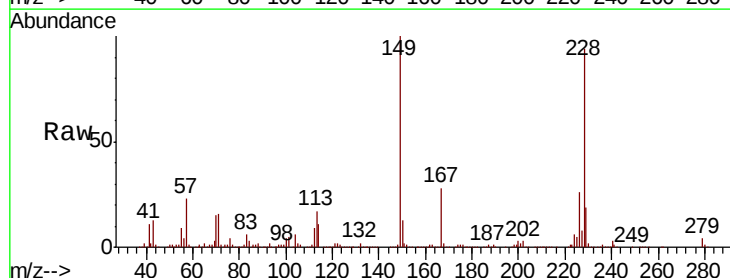
Tgt Ion:149 Resp: 739918

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

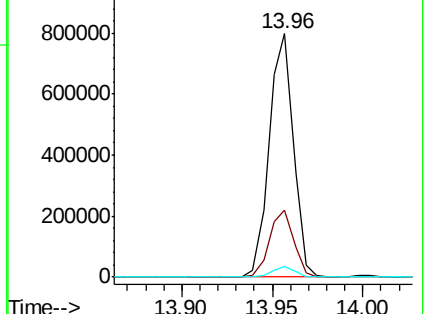
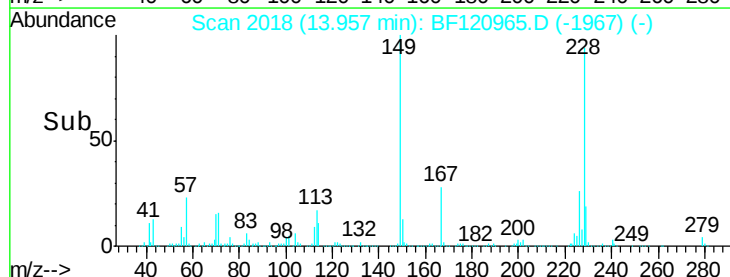
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

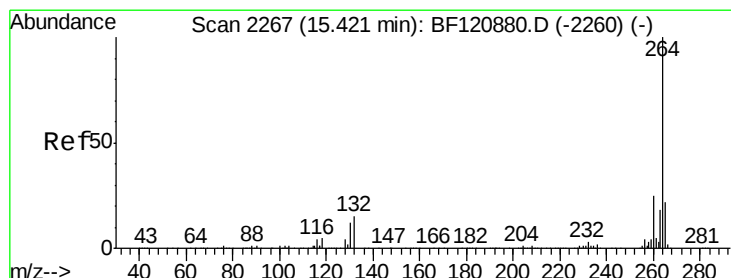
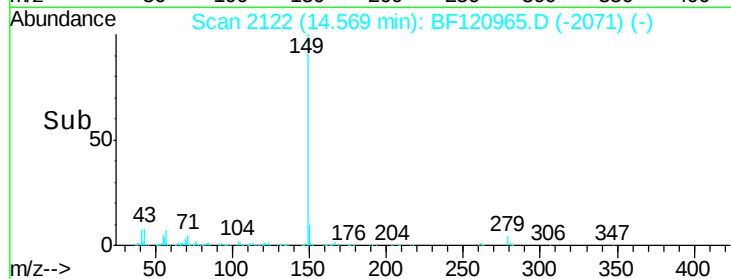
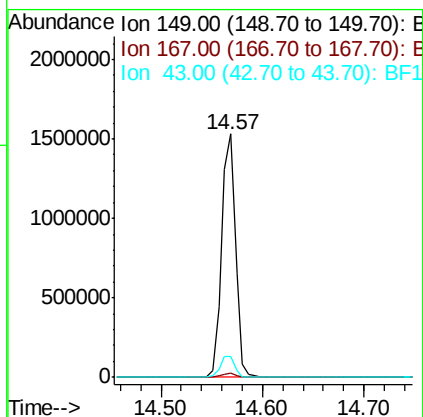
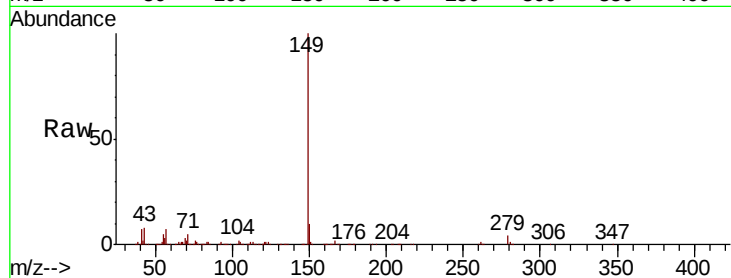




#85
Di-n-octyl phthalate
Concen: 41.594 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

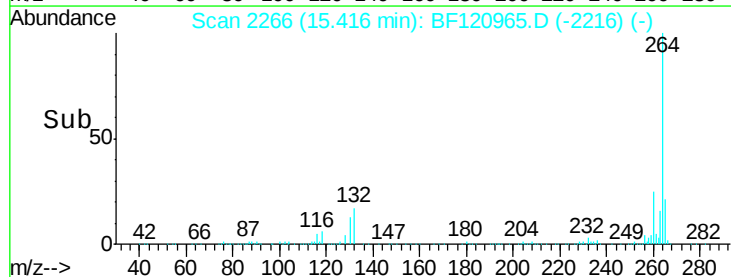
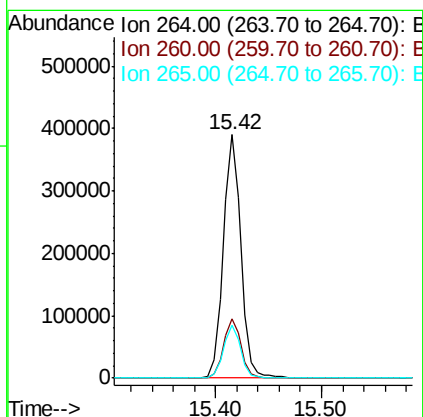
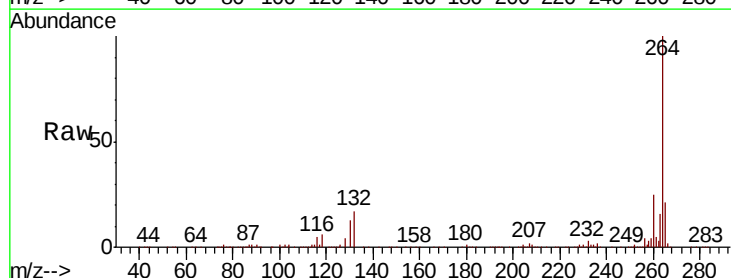
Instrument :
BNA_F
ClientSampleId :

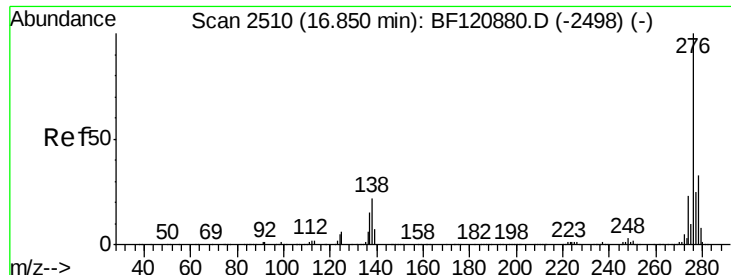
Tot Ion:149 Resp: 1449280
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:264 Resp: 451719
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 21.5 17.4 26.2

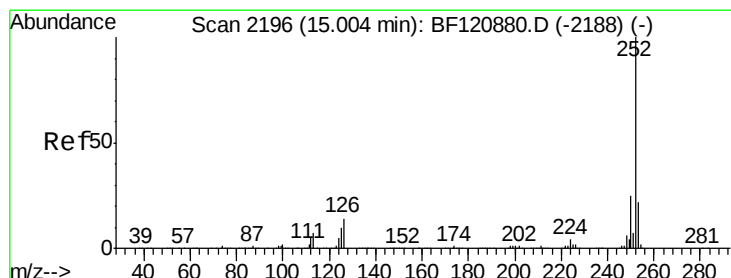
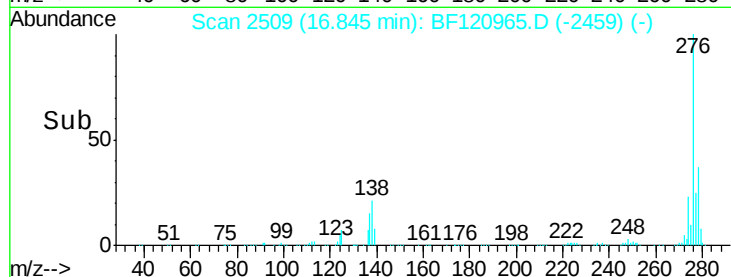
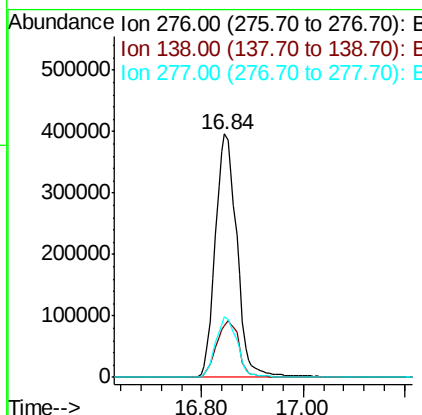
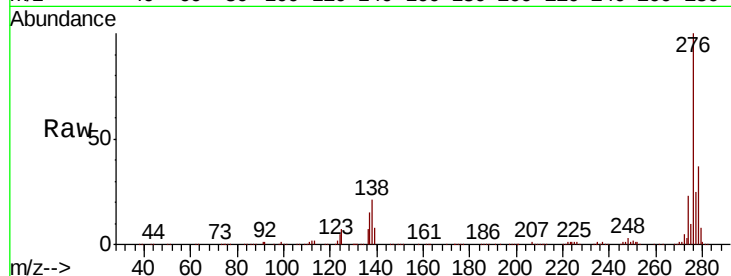




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.481 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

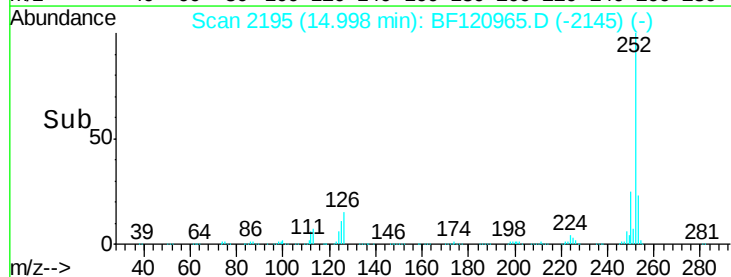
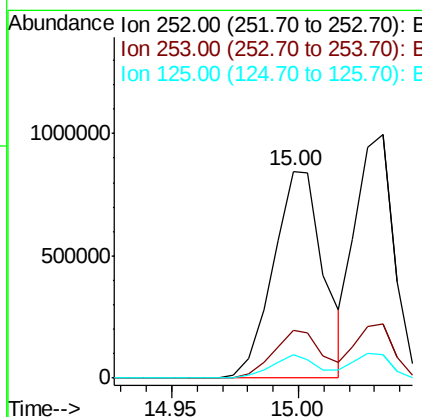
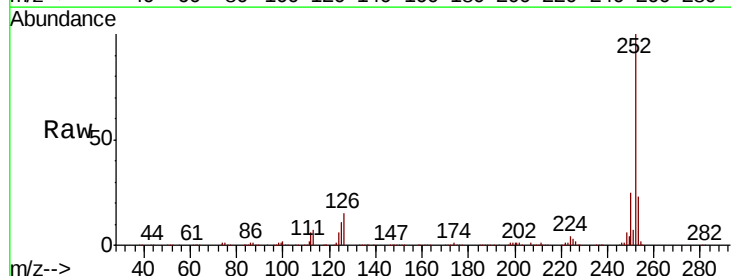
Instrument :
 BNA_F
 ClientSampled :

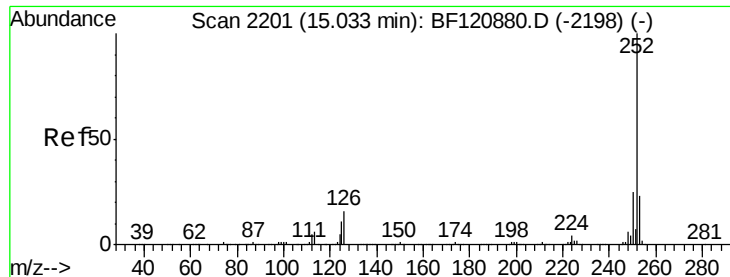
Tot Ion:276 Resp: 1177493
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.8 29.8
 277 24.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.990 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:252 Resp: 1173844
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 11.1 8.3 12.5

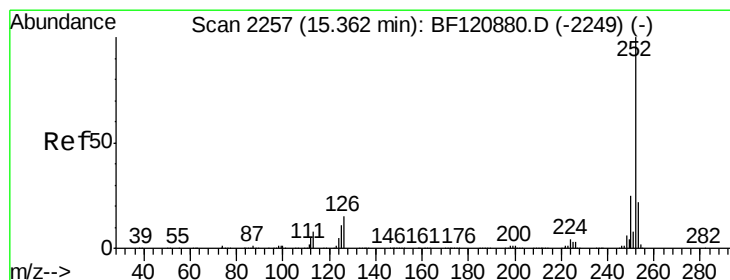
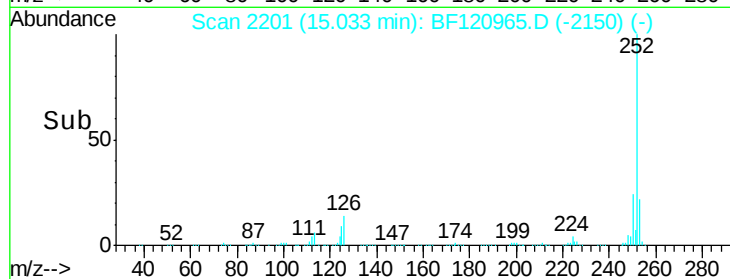
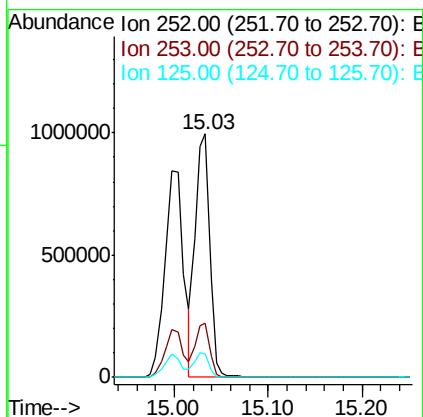
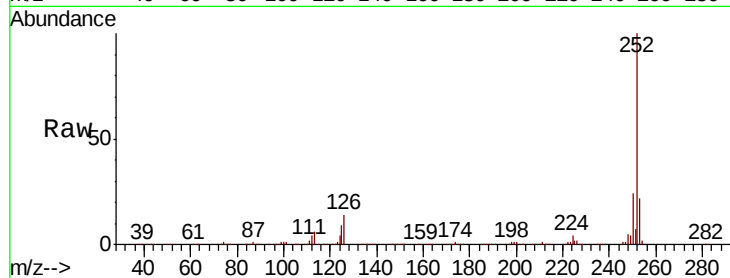




#89
Benzo(k)fluoranthene
Concen: 42.710 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

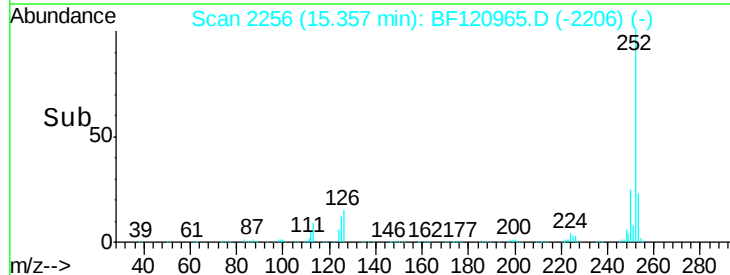
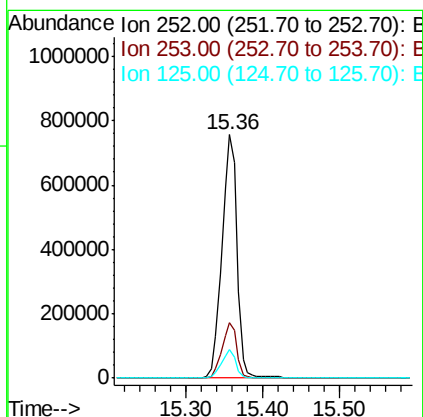
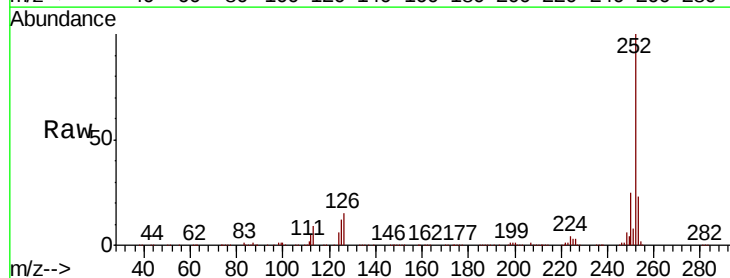
Instrument :
BNA_F
ClientSampleId :

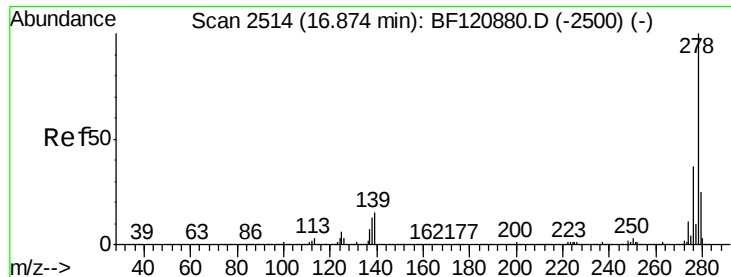
Tot Ion:252 Resp: 1063569
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.068 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion:252 Resp: 1023073
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.8 8.9 13.3

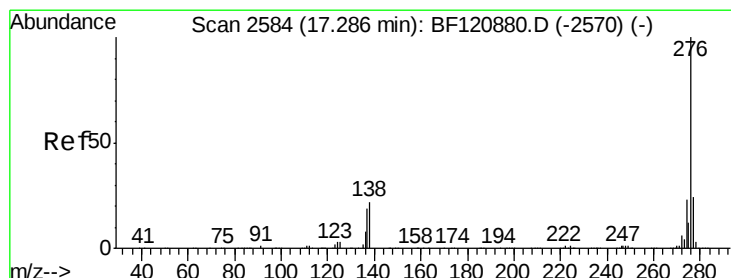
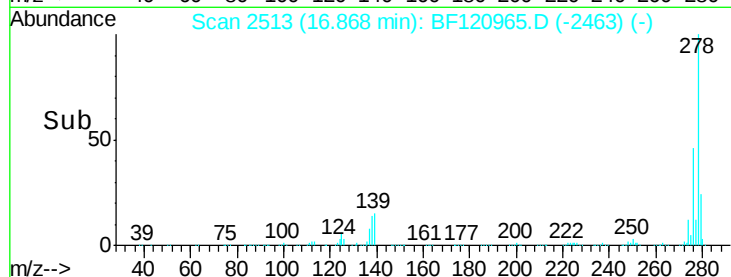
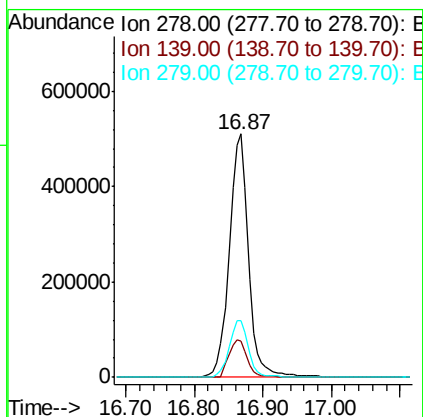
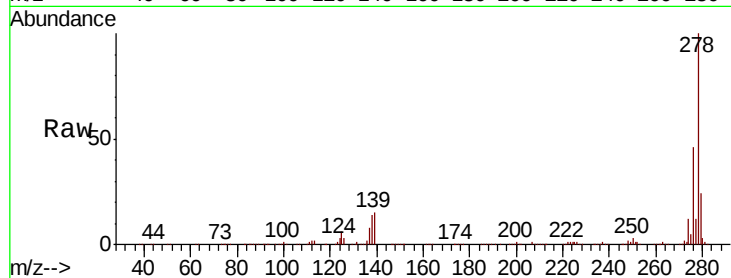




#91
Dibenzo(a,h)anthracene
Concen: 38.864 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.3	18.5
279	23.5	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 37.457 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.6	17.5	26.3

