

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120301.D
 Acq On : 14 May 2020 20:05
 Operator : MA/SJ
 Sample : L2605-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:36:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	376716	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1470402	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	739521	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1313065	20.00	ng	0.00
76) Chrysene-d12	13.79	240	725837	20.00	ng	0.00
87) Perylene-d12	15.17	264	716091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1959375	101.20	ng	0.01
7) Phenol-d6	6.29	99	2456136	100.31	ng	0.00
23) Nitrobenzene-d5	7.20	82	1564091	72.83	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	607515	100.75	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2803280	77.88	ng	0.00
79) Terphenyl-d14	12.73	244	2664910	81.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	327909	42.575	ng	98
3) Pyridine	2.96	79	736318	30.413	ng	98
4) n-Nitrosodimethylamine	2.92	42	396571	41.833	ng	95
6) Aniline	6.29	93	660944	21.108	ng	# 43
8) 2-Chlorophenol	6.42	128	957040	42.394	ng	95
9) Benzaldehyde	6.17	77	604407	40.044	ng	99
10) Phenol	6.30	94	1158860	40.546	ng	# 77
11) bis(2-Chloroethyl)ether	6.37	93	912618	39.973	ng	99
12) 1,3-Dichlorobenzene	6.56	146	919386	38.060	ng	99
13) 1,4-Dichlorobenzene	6.64	146	965610	38.811	ng	99
14) 1,2-Dichlorobenzene	6.79	146	861725	38.462	ng	99
15) Benzyl Alcohol	6.78	79	726018	41.738	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1407946	39.131	ng	85
17) 2-Methylphenol	6.90	107	740390	38.851	ng	94
18) Hexachloroethane	7.13	117	359671	37.948	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	641886	40.017	ng	96
20) 3+4-Methylphenols	7.06	107	977104	39.436	ng	95
22) Acetophenone	7.05	105	1280983	42.525	ng	98
24) Nitrobenzene	7.22	77	965055	41.754	ng	98
25) Isophorone	7.46	82	1826695	40.879	ng	100
26) 2-Nitrophenol	7.53	139	526560	43.560	ng	98
27) 2,4-Dimethylphenol	7.58	122	807159	45.902	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	1190927	42.402	ng	99
29) 2,4-Dichlorophenol	7.78	162	769616	42.615	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	806444	40.296	ng	97
31) Naphthalene	7.93	128	2649410	42.693	ng	100
32) Benzoic acid	7.75	122	574372	49.833	ng	98
33) 4-Chloroaniline	7.99	127	304770	10.776	ng	99
34) Hexachlorobutadiene	8.05	225	451197	39.006	ng	97
35) Caprolactam	8.37	113	156399	26.471	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	818878	41.915	ng	99
37) 2-Methylnaphthalene	8.62	142	1750219	41.213	ng	97
38) 1-Methylnaphthalene	8.72	142	1685203	40.914	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	791354	42.438	ng	99

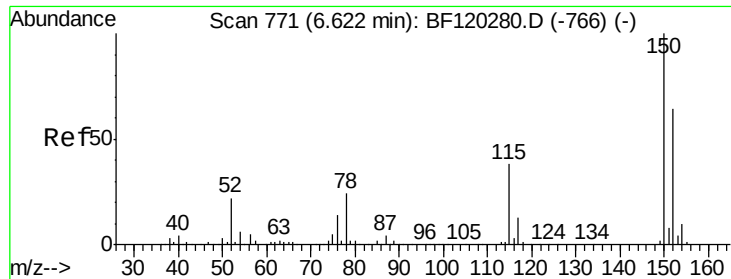
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	540413	71.063	ng	99
43) 2,4,6-Trichlorophenol	8.91	196	526247	42.043	ng	100
44) 2,4,5-Trichlorophenol	8.96	196	563629	39.210	ng	99
46) 1,1'-Biphenyl	9.09	154	2101200	43.365	ng	99
47) 2-Chloronaphthalene	9.12	162	1591386	40.944	ng	98
48) 2-Nitroaniline	9.22	65	566810	39.969	ng	96
49) Acenaphthylene	9.53	152	2450613	41.276	ng	99
50) Dimethylphthalate	9.40	163	2331453	49.872	ng	99
51) 2,6-Dinitrotoluene	9.46	165	420436	40.296	ng	97
52) Acenaphthene	9.70	154	1462444	41.094	ng	100
53) 3-Nitroaniline	9.63	138	223589	17.970	ng	94
54) 2,4-Dinitrophenol	9.75	184	336489	68.322	ng	93
55) Dibenzofuran	9.87	168	2113198	41.234	ng	98
56) 4-Nitrophenol	9.83	139	532573	79.660	ng	99
57) 2,4-Dinitrotoluene	9.87	165	489973	40.033	ng	96
58) Fluorene	10.22	166	1633506	41.853	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	458109	42.347	ng	99
60) Diethylphthalate	10.10	149	1851546	41.025	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	798584	39.354	ng	98
62) 4-Nitroaniline	10.25	138	363106	31.340	ng	97
63) Azobenzene	10.37	77	1789149	41.945	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	255948	38.543	ng	97
66) n-Nitrosodiphenylamine	10.33	169	1548170	42.617	ng	99
67) 4-Bromophenyl-phenylether	10.69	248	505882	39.703	ng	97
68) Hexachlorobenzene	10.76	284	530554	39.802	ng	99
69) Atrazine	10.86	200	417001	38.363	ng	99
70) Pentachlorophenol	10.96	266	488263	86.123	ng	99
71) Phenanthrene	11.17	178	2521662	45.703	ng	99
72) Anthracene	11.23	178	2473607	41.878	ng	100
73) Carbazole	11.39	167	2231680	40.437	ng	99
74) Di-n-butylphthalate	11.72	149	2893146	43.497	ng	99
75) Fluoranthene	12.36	202	2719332	45.983	ng	99
77) Benzidine	12.49	184	1017604	48.010	ng	96
78) Pyrene	12.59	202	2653008	51.271	ng	99
80) Butylbenzylphthalate	13.21	149	1097826	45.056	ng	99
81) Benzo(a)anthracene	13.77	228	1693639	44.240	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	482909	33.473	ng	98
83) Chrysene	13.82	228	1789110	43.521	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1426644	47.061	ng	100
85) Di-n-octyl phthalate	14.38	149	2368758	43.434	ng	98
86) Indeno(1,2,3-cd)pyrene	16.52	276	1752884	46.981	ng	99
88) Benzo(b)fluoranthene	14.79	252	1763873	45.103	ng	98
89) Benzo(k)fluoranthene	14.82	252	1396965	41.230	ng	100
90) Benzo(a)pyrene	15.12	252	1482681	42.275	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1416563	45.591	ng	99
92) Benzo(g,h,i)perylene	16.92	276	1531618	48.884	ng	98

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

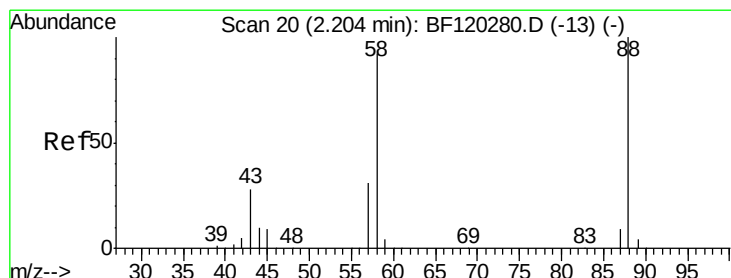
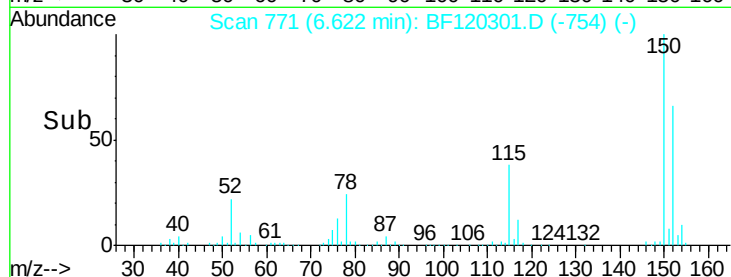
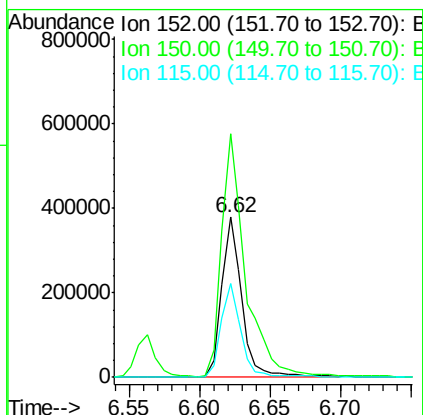
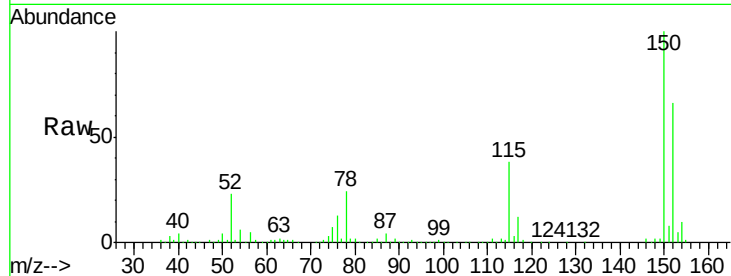


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

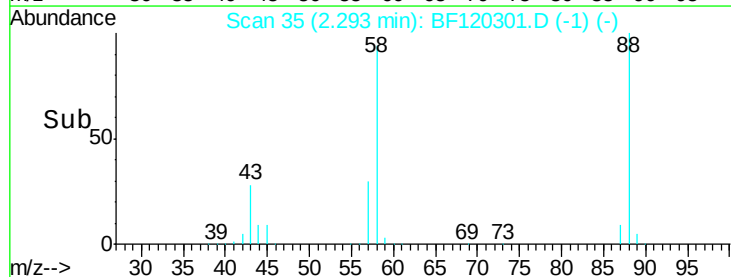
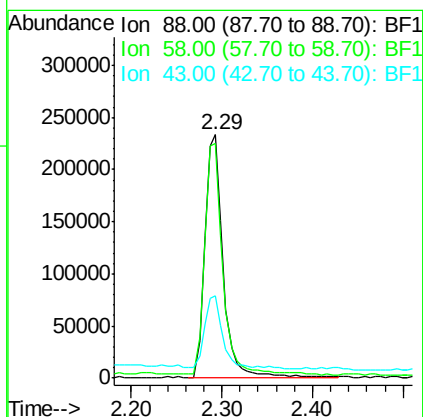
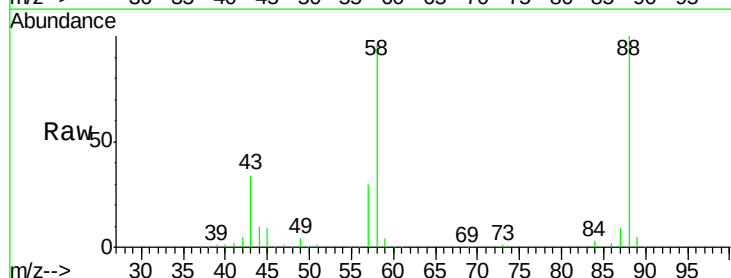
Tot Ion:152 Resp: 376716
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 58.3 47.9 71.9

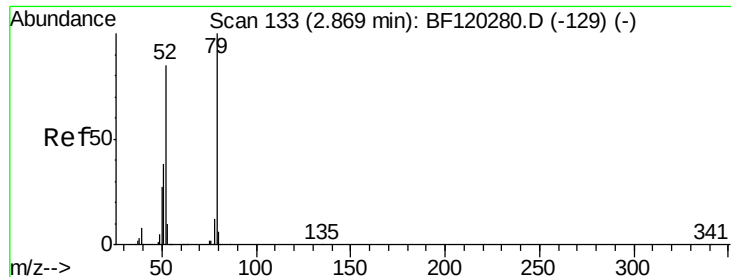


#2

1,4-Dioxane
Concen: 42.575 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.09 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion: 88 Resp: 327909
Ion Ratio Lower Upper
88 100
58 92.9 75.8 113.6
43 28.5 23.6 35.4





#3

Pvridine

Concen: 30.413 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.09 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

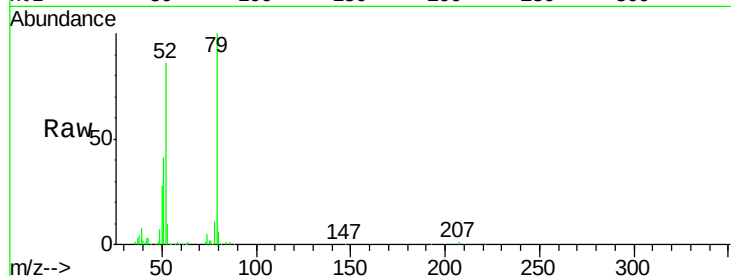
Tot Ion: 79 Resp: 736318

Ion Ratio Lower Upper

79 100

52 86.2 68.4 102.6

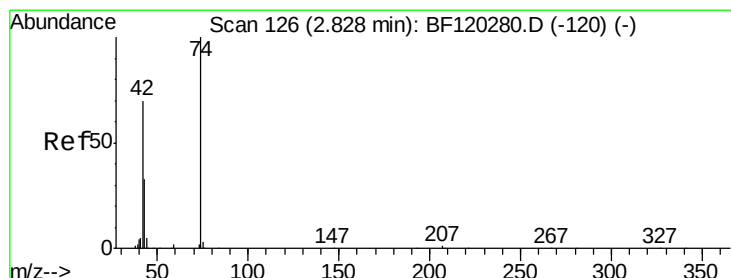
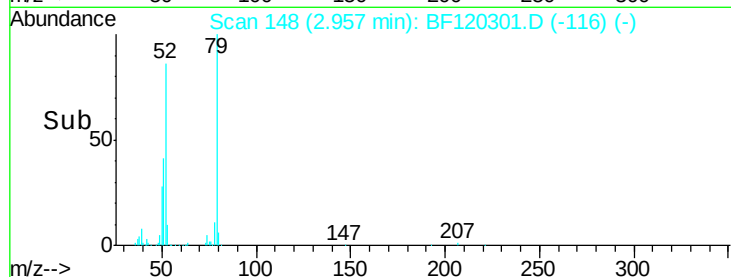
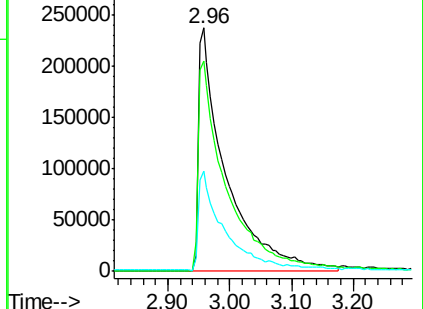
51 41.0 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.833 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

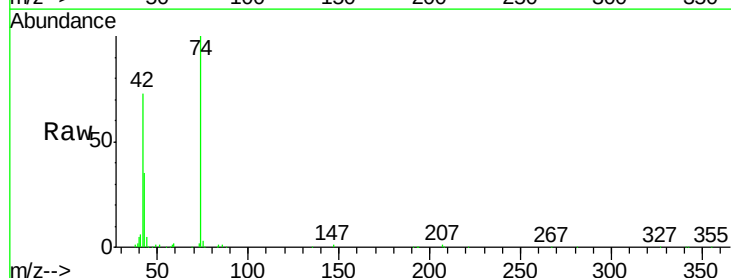
Tgt Ion: 42 Resp: 396571

Ion Ratio Lower Upper

42 100

74 137.6 114.8 172.2

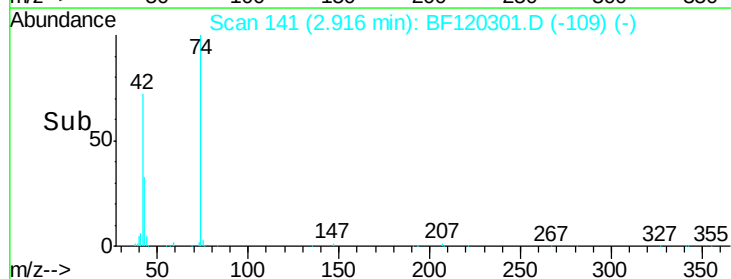
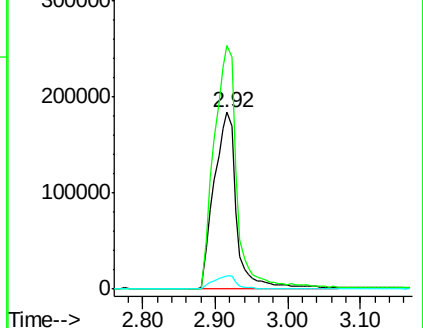
44 7.2 5.6 8.4

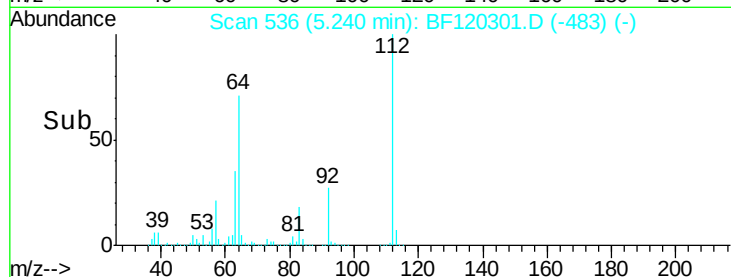
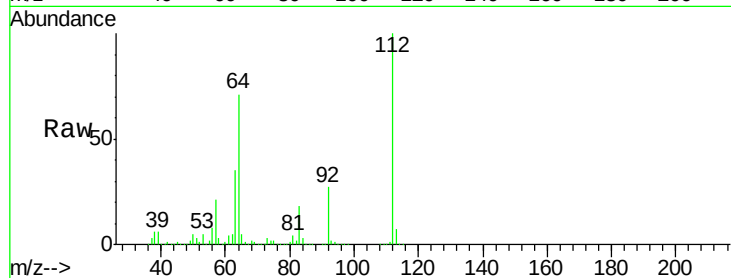
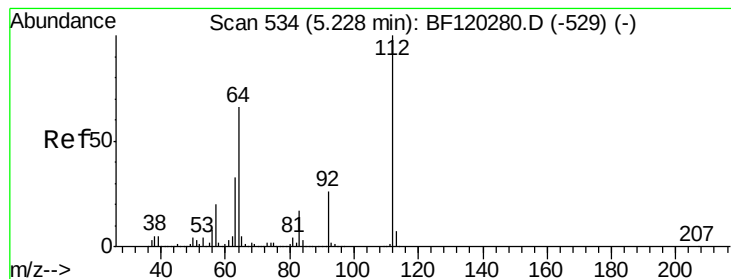


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.200 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

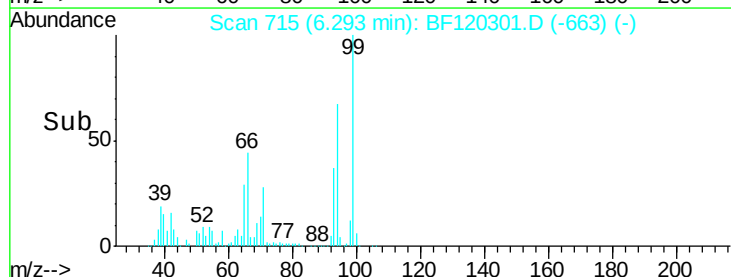
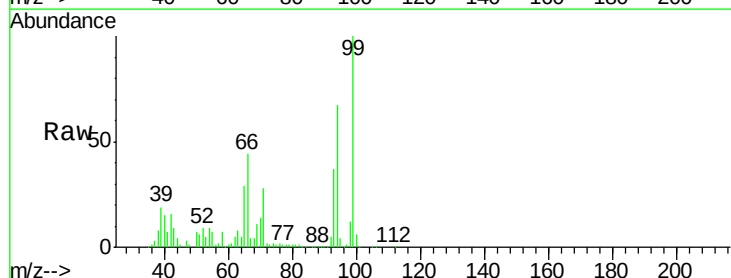
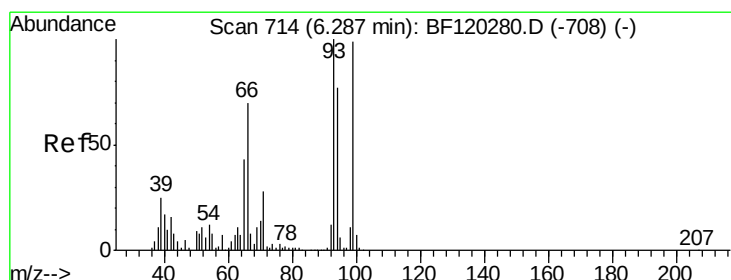
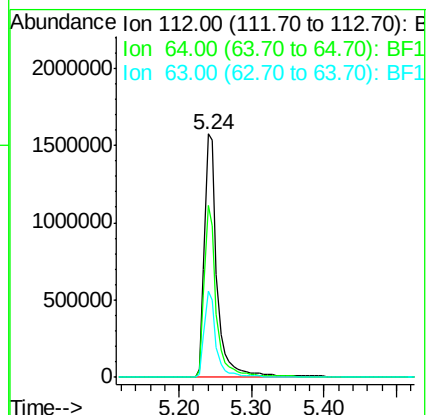
Tot Ion:112 Resp: 1959375

Ion Ratio Lower Upper

112 100

64 70.6 52.7 79.1

63 35.2 26.2 39.4



#6

Aniline

Concen: 21.108 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

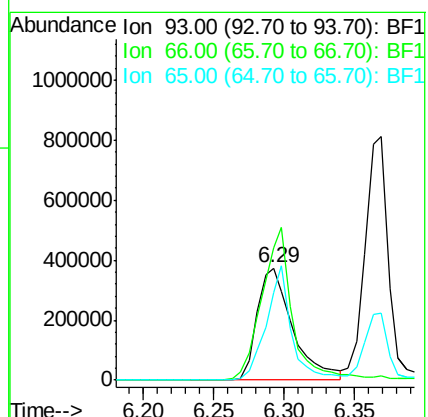
Tgt Ion: 93 Resp: 660944

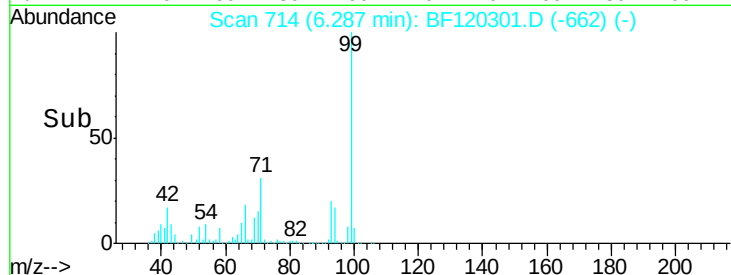
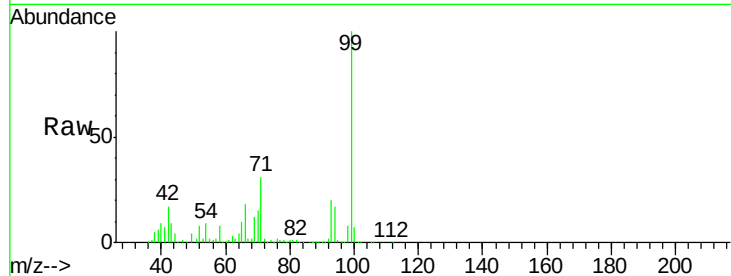
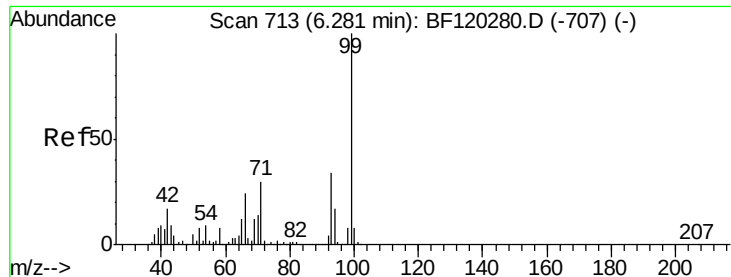
Ion Ratio Lower Upper

93 100

66 117.8 56.2 84.4#

65 78.0 34.2 51.2#





#7

Phenol-d6

Concen: 100.315 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampled :

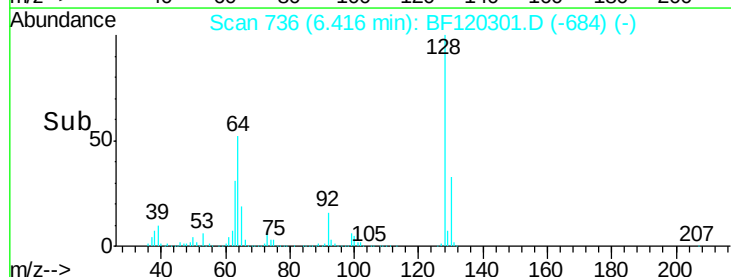
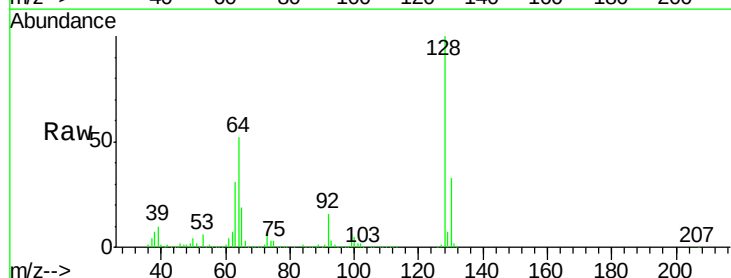
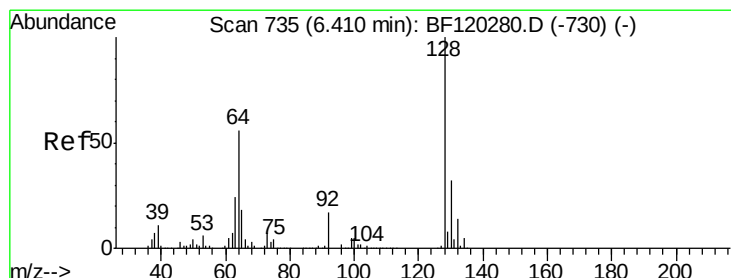
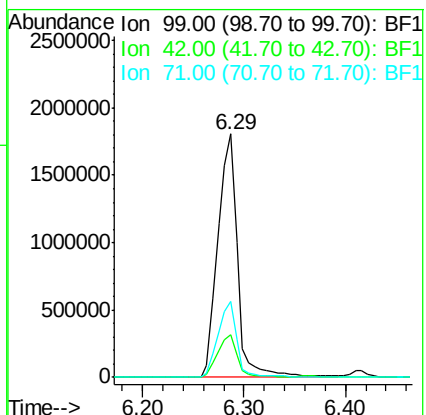
Tot Ion: 99 Resp: 2456136

Ion Ratio Lower Upper

99 100

42 17.4 13.6 20.4

71 31.1 24.2 36.4



#8

2-Chlorophenol

Concen: 42.394 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

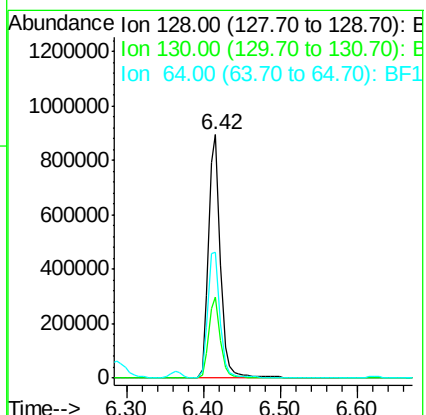
Tgt Ion: 128 Resp: 957040

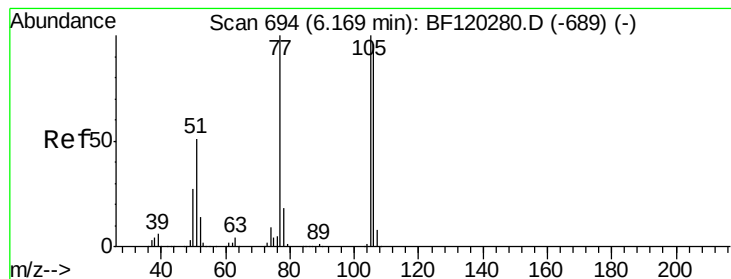
Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

64 51.6 36.7 76.7





#9

Benzaldehyde

Concen: 40.044 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

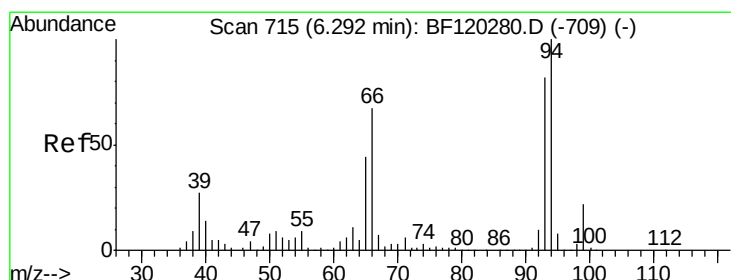
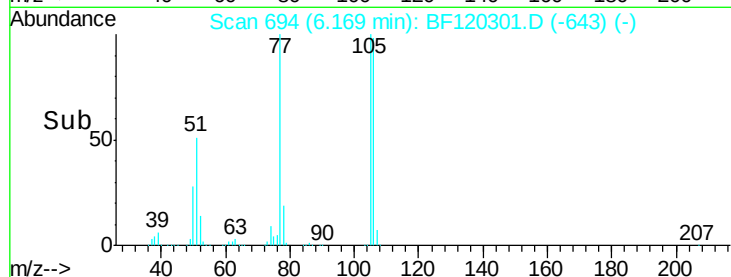
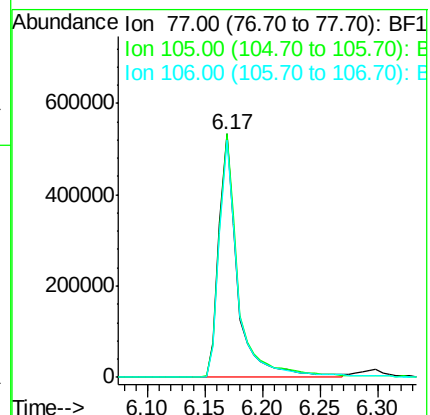
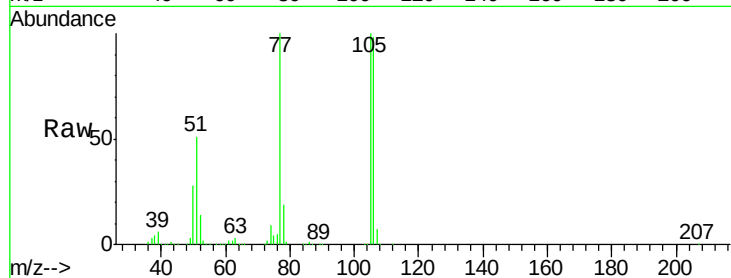
Tot Ion: 77 Resp: 604407

Ion Ratio Lower Upper

77 100

105 100.1 79.9 119.9

106 97.7 75.7 115.7



#10

Phenol

Concen: 40.546 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

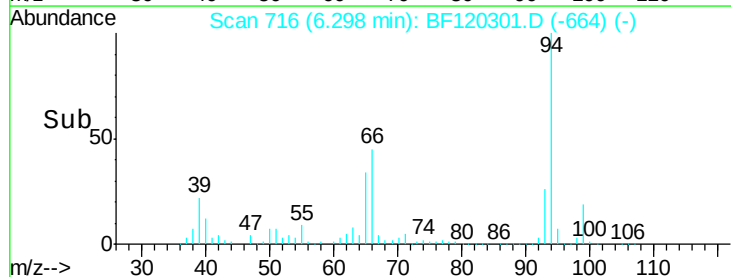
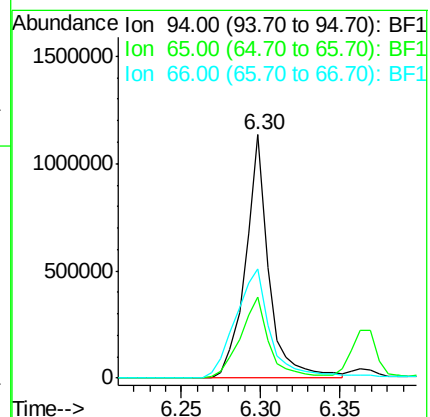
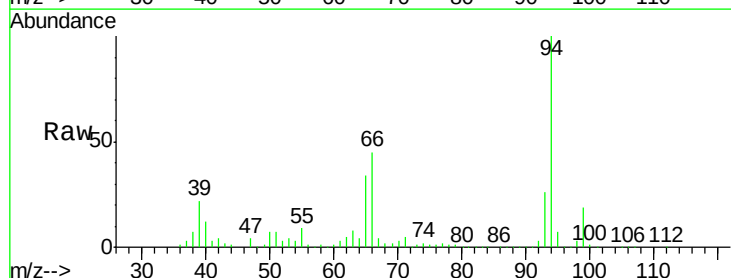
Tgt Ion: 94 Resp: 1158860

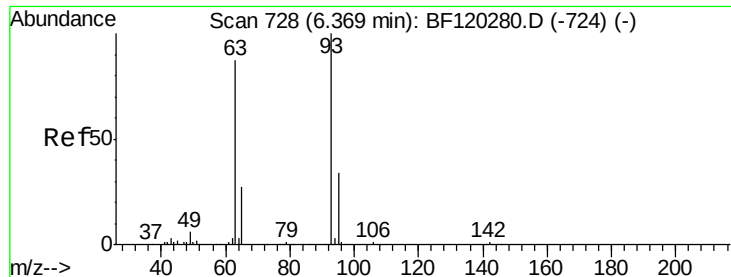
Ion Ratio Lower Upper

94 100

65 33.5 24.1 64.1

66 44.8 47.5 87.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.973 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

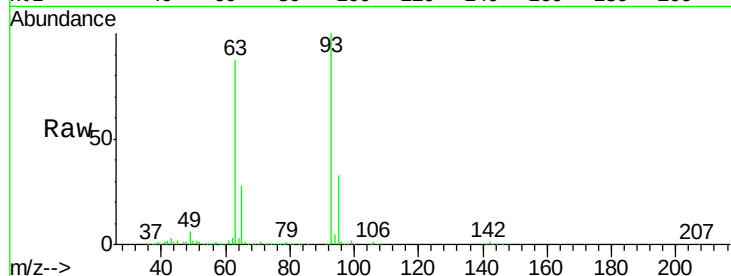
Tot Ion: 93 Resp: 912618

Ion Ratio Lower Upper

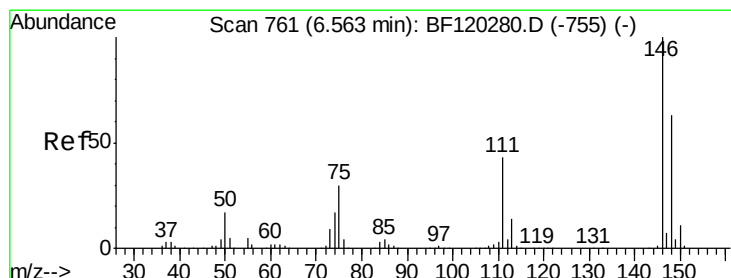
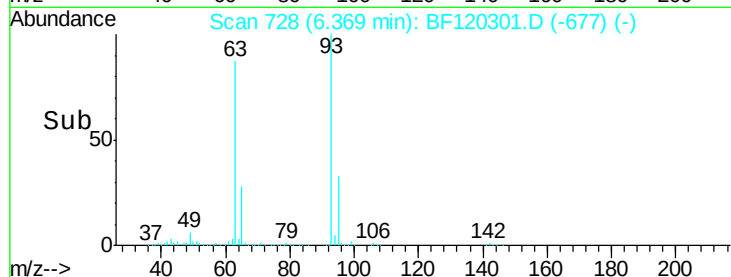
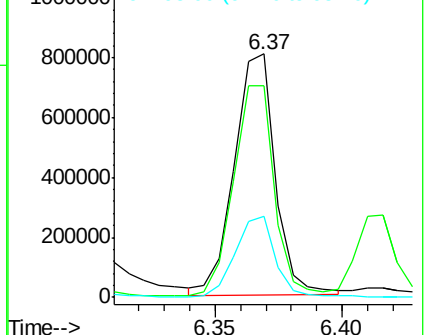
93 100

63 87.1 65.4 105.4

95 33.1 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.060 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

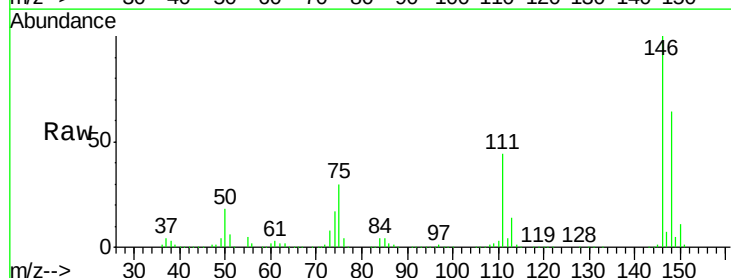
Tgt Ion: 146 Resp: 919386

Ion Ratio Lower Upper

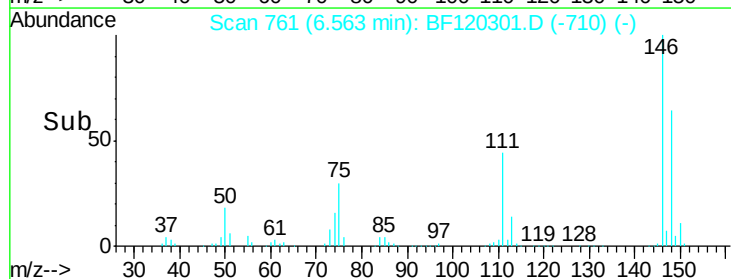
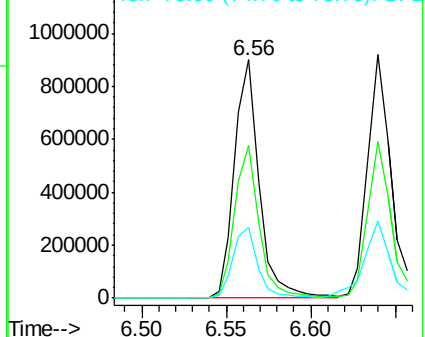
146 100

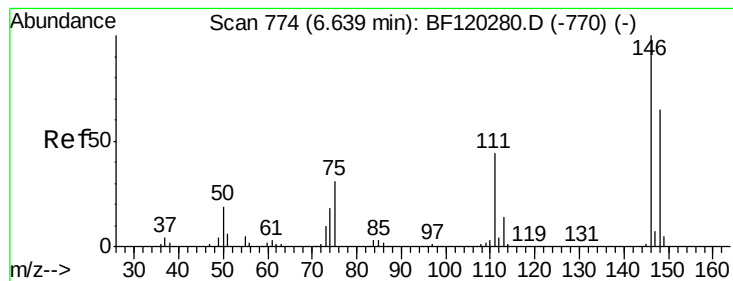
148 64.1 50.5 75.7

75 30.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.811 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampled :

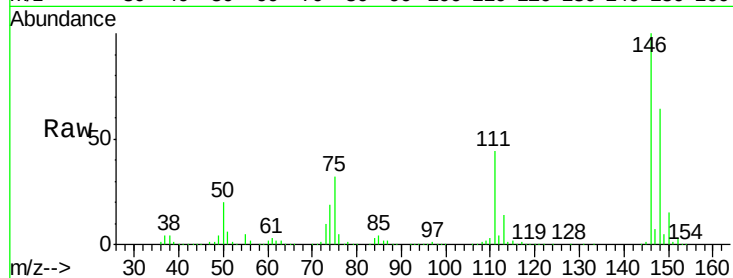
Tot Ion:146 Resp: 965610

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

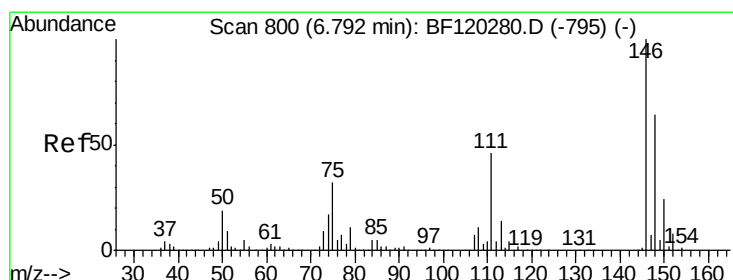
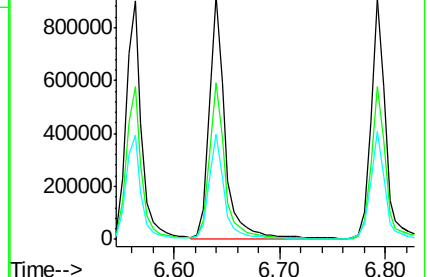
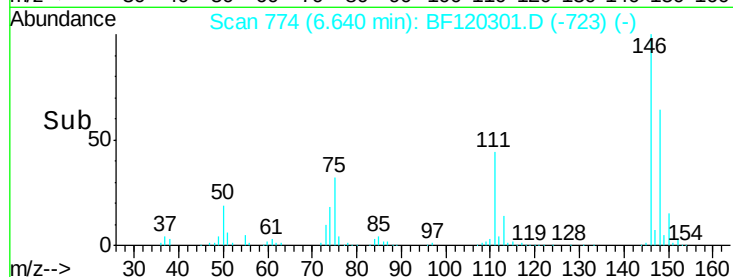
111 43.5 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.462 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

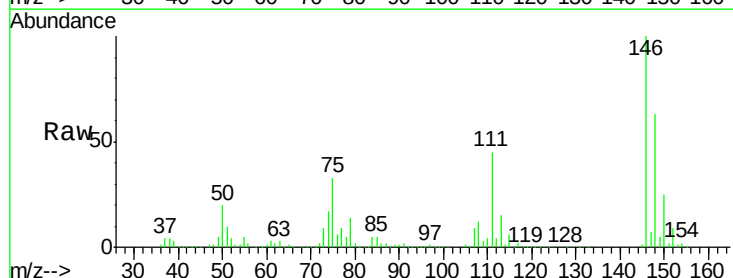
Tgt Ion:146 Resp: 861725

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

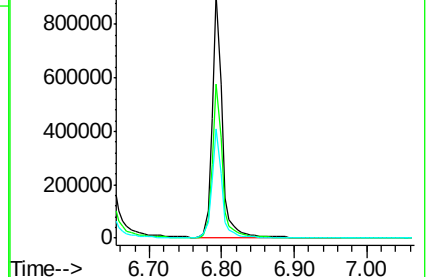
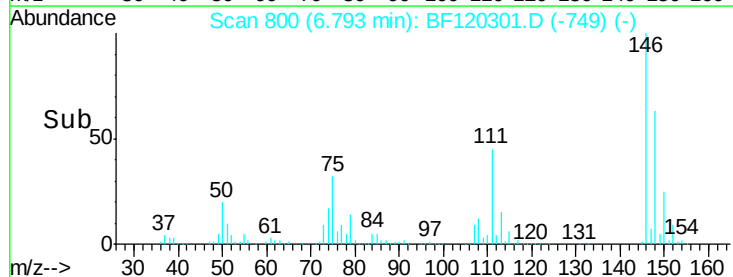
111 44.9 36.6 55.0

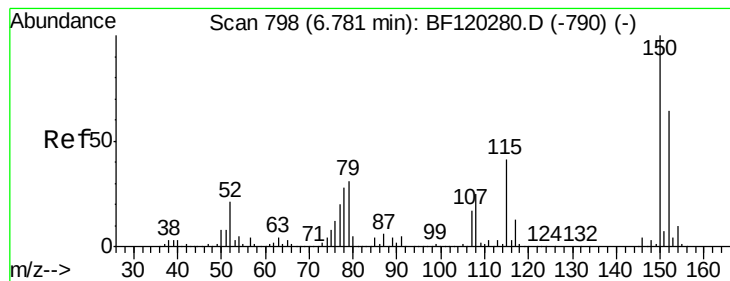


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.738 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampled :

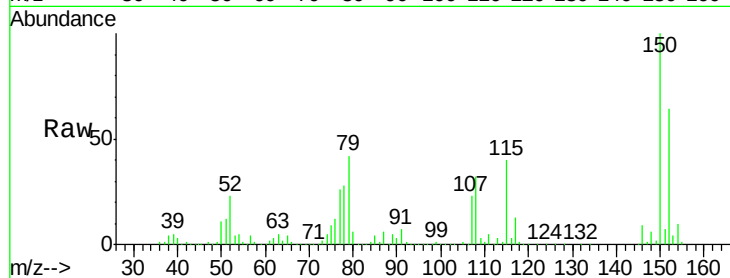
Tot Ion: 79 Resp: 726018

Ion Ratio Lower Upper

79 100

108 76.6 64.2 96.4

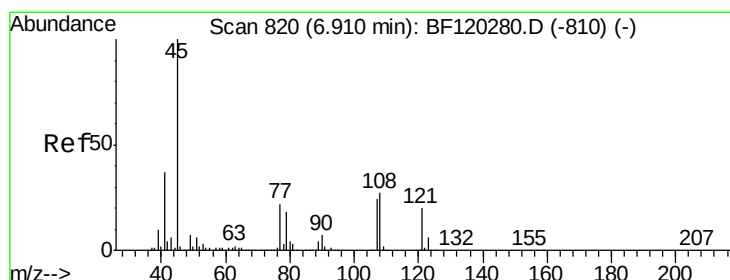
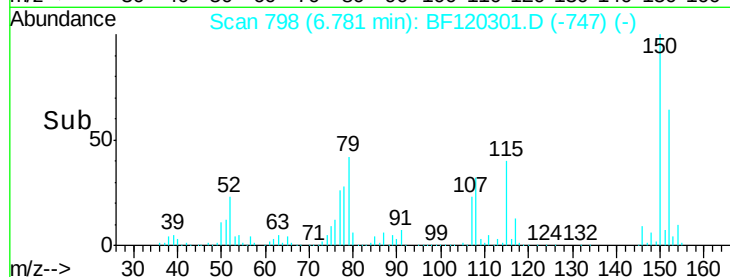
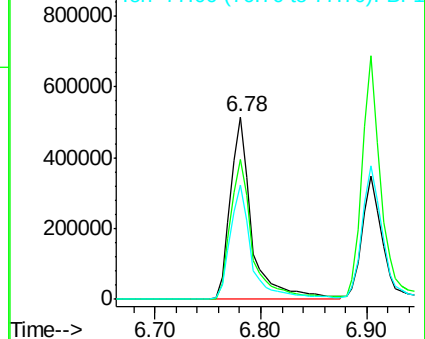
77 62.3 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.131 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

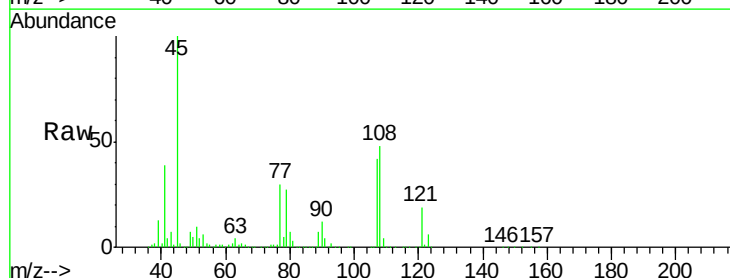
Tgt Ion: 45 Resp: 1407946

Ion Ratio Lower Upper

45 100

77 30.5 3.1 43.1

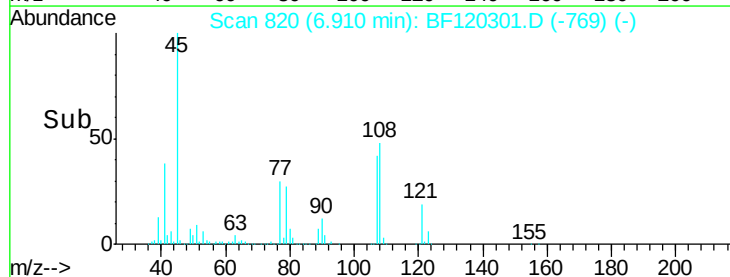
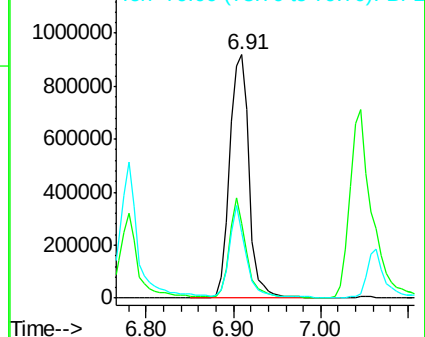
79 27.1 0.0 40.0

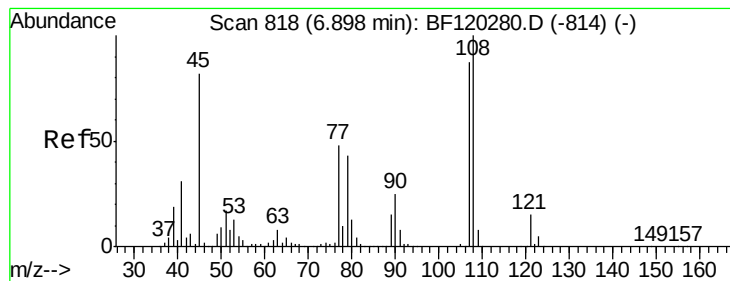


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.851 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 740390

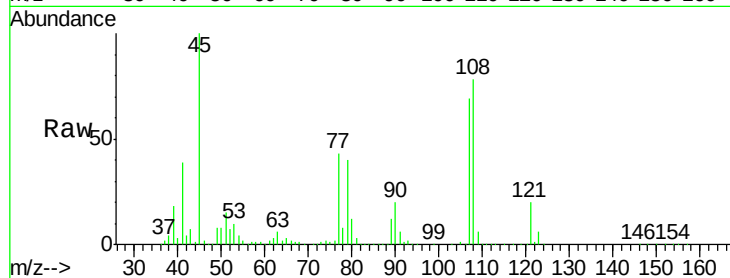
Ion Ratio Lower Upper

107 100

108 113.3 92.4 138.6

77 62.0 44.5 66.7

79 57.5 40.4 60.6

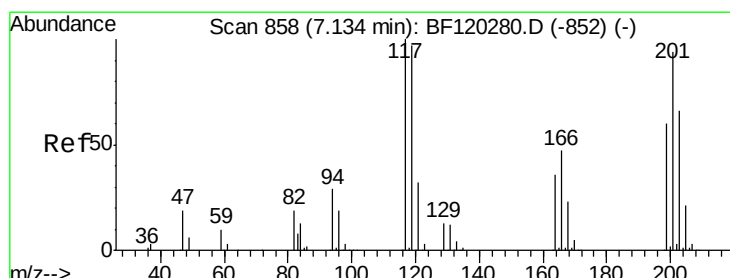
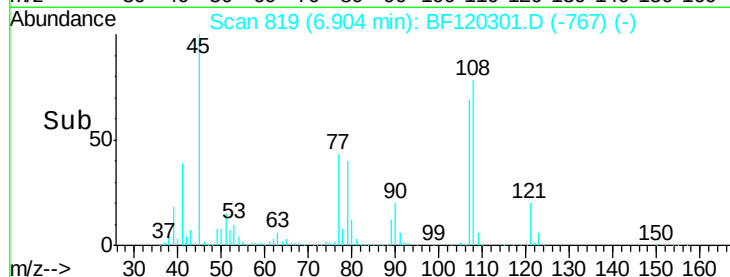
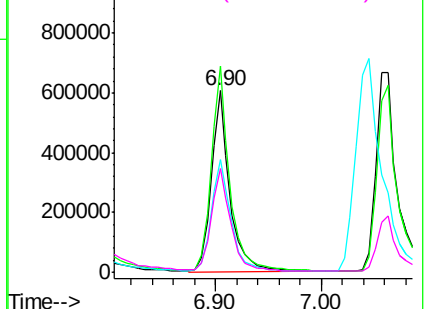


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.948 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

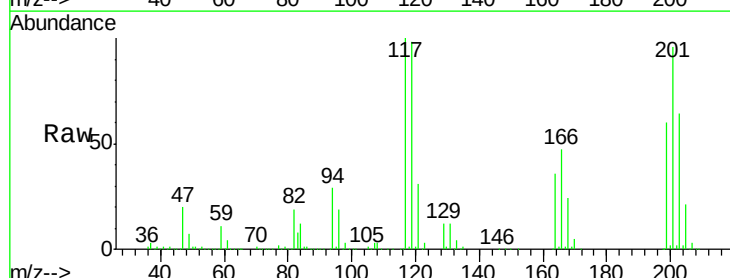
Tgt Ion:117 Resp: 359671

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

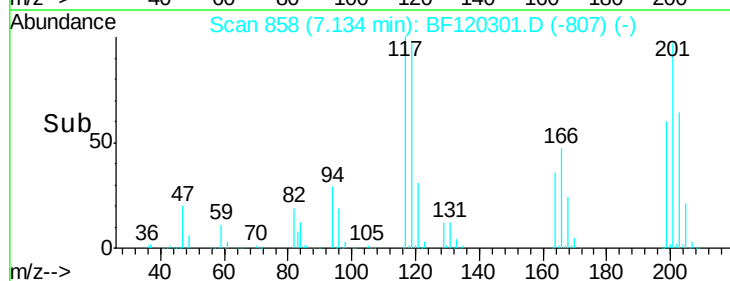
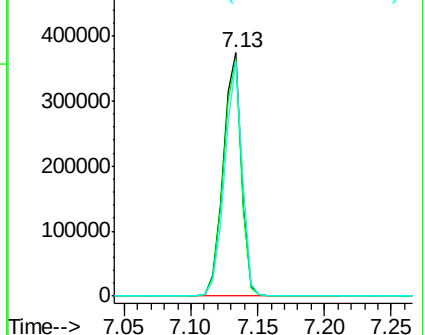
201 96.3 74.9 112.3

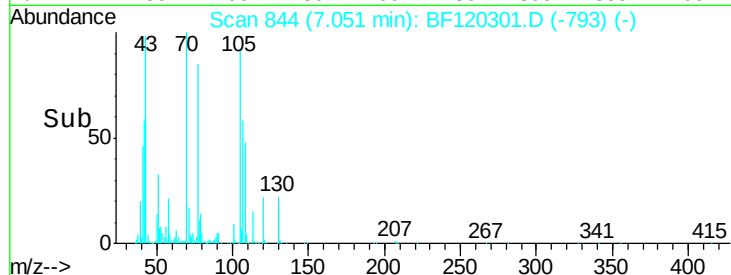
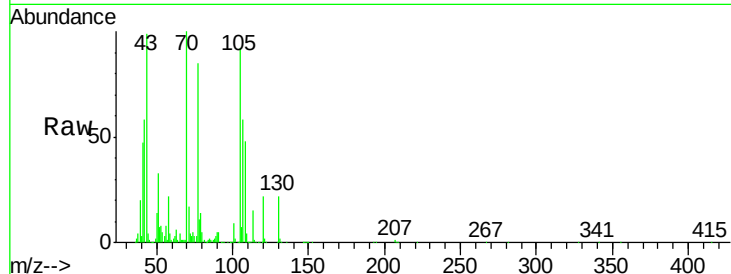
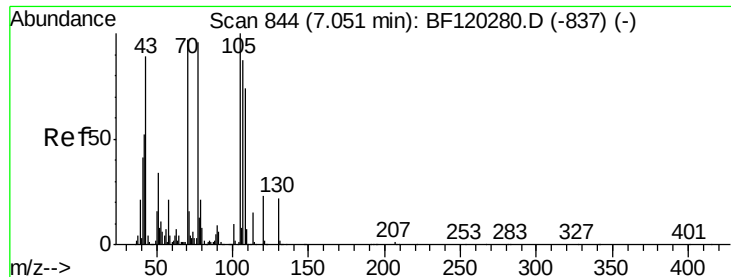


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

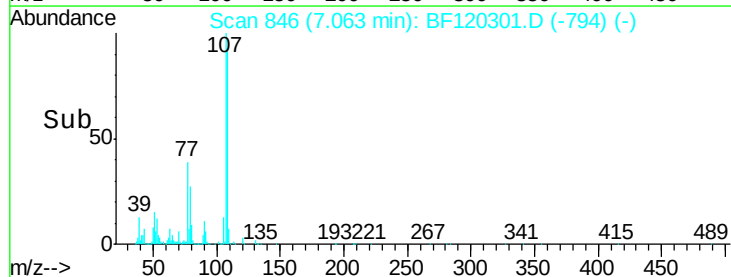
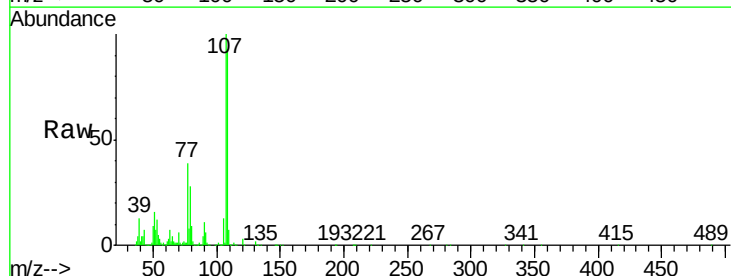
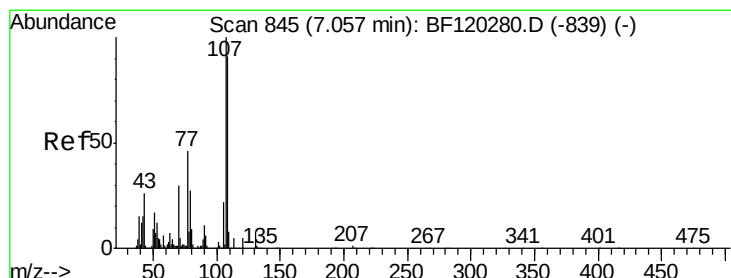
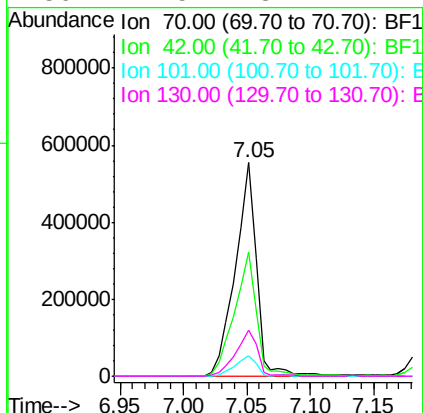




#19
n-Nitroso-di-n-propylamine
Concen: 40.017 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

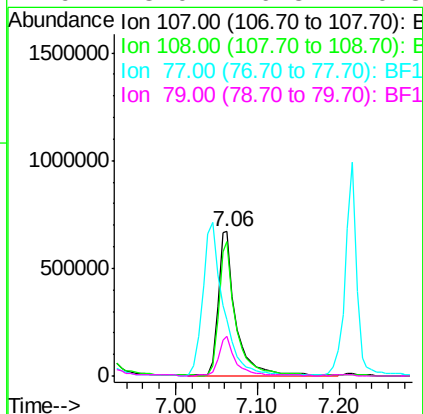
Instrument :
BNA_F
ClientSampleId :

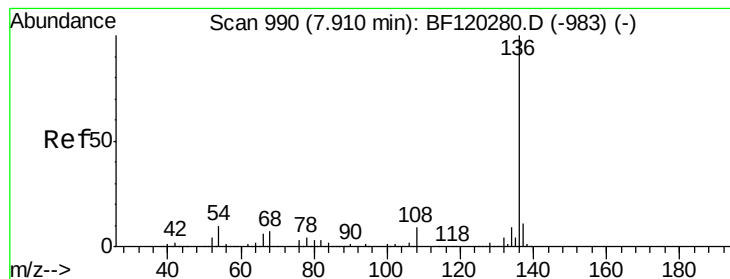
Tot Ion:	70	Resp:	641886
Ion	Ratio	Lower	Upper
70	100		
42	58.3	43.4	65.0
101	9.3	7.8	11.8
130	21.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.436 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:	107	Resp:	977104
Ion	Ratio	Lower	Upper
107	100		
108	93.5	71.1	111.1
77	39.5	28.1	68.1
79	28.0	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1470402

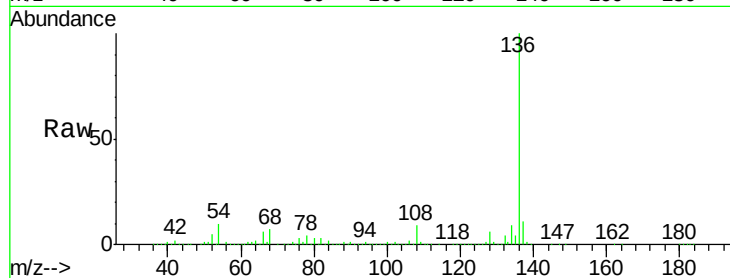
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.0 7.9 11.9

68 6.8 5.4 8.2

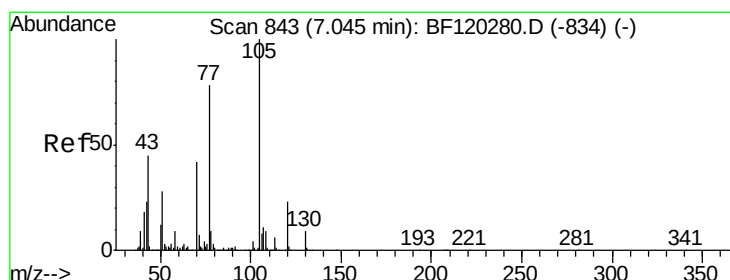
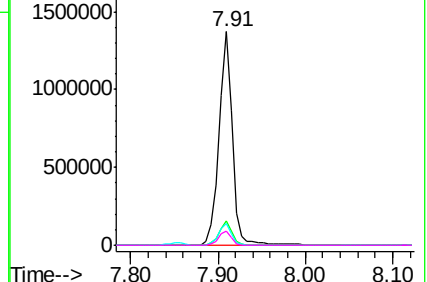
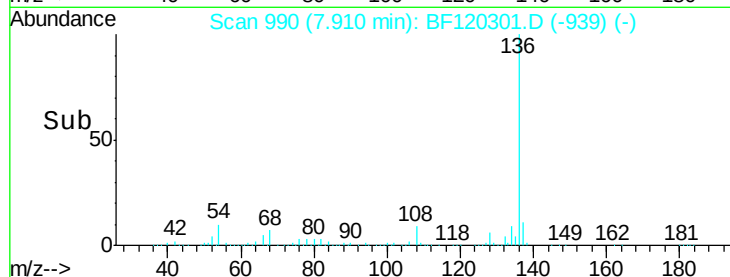


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.525 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Tgt Ion:105 Resp: 1280983

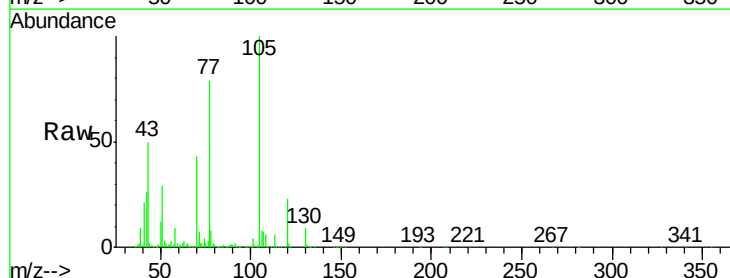
Ion Ratio Lower Upper

105 100

71 7.1 5.6 8.4

51 29.5 22.6 34.0

120 22.6 18.7 28.1

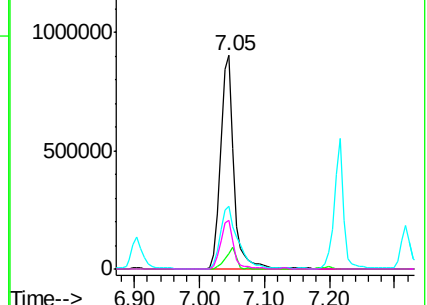
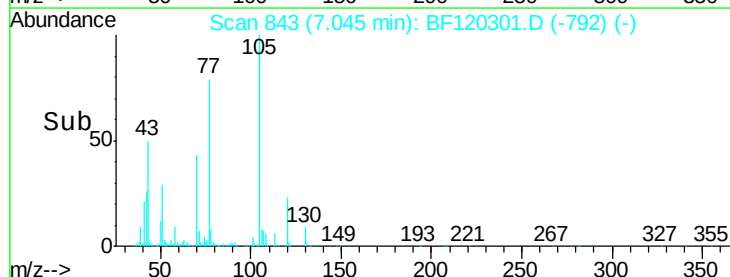


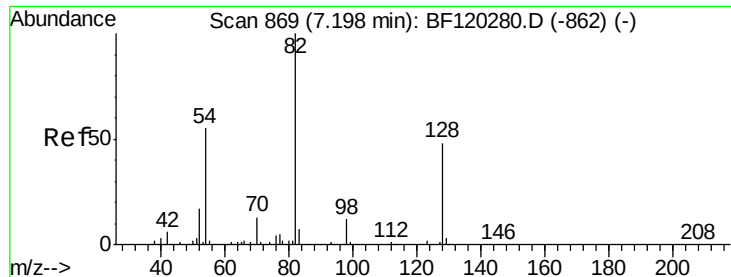
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

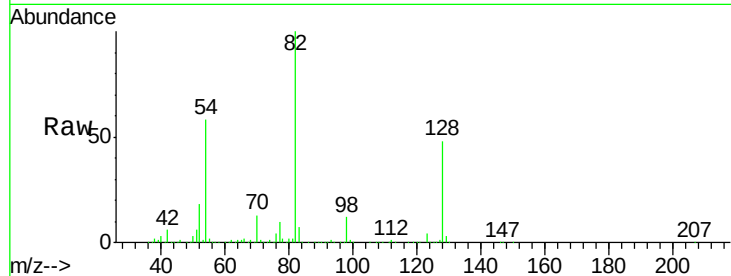




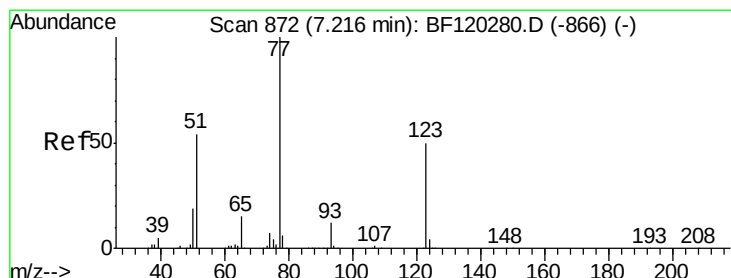
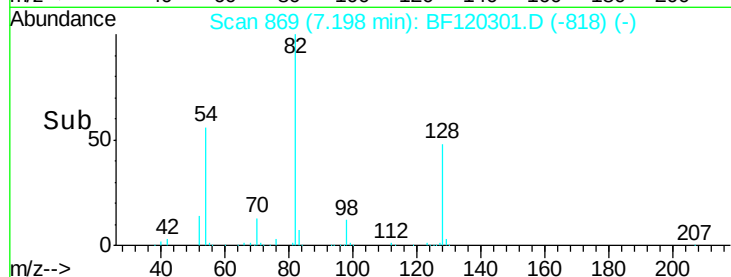
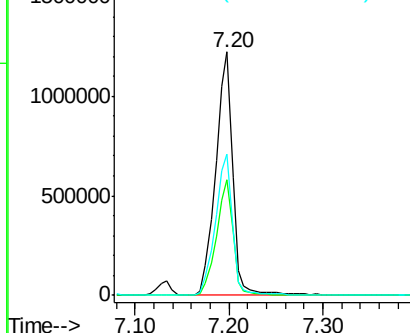
#23
Nitrobenzene-d5
Concen: 72.829 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1564091
Ion Ratio Lower Upper
82 100
128 47.7 38.3 57.5
54 57.8 43.9 65.9

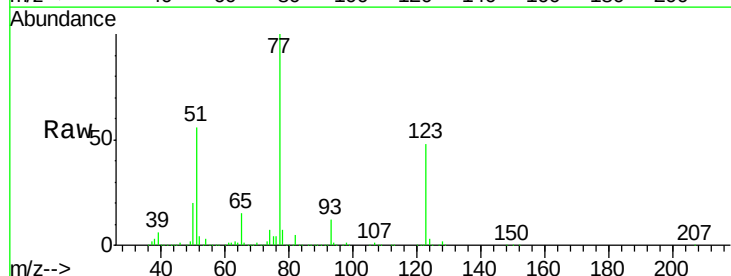


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

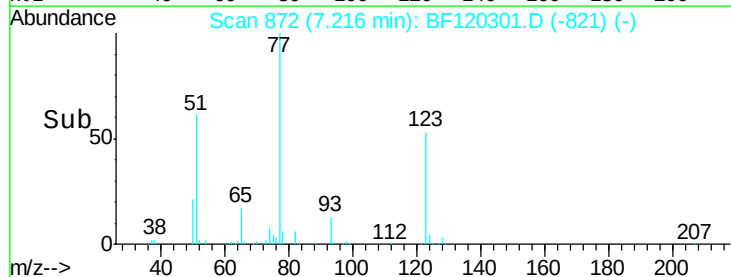
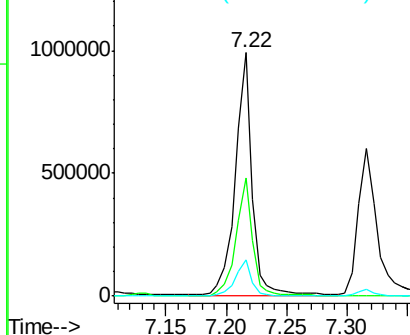


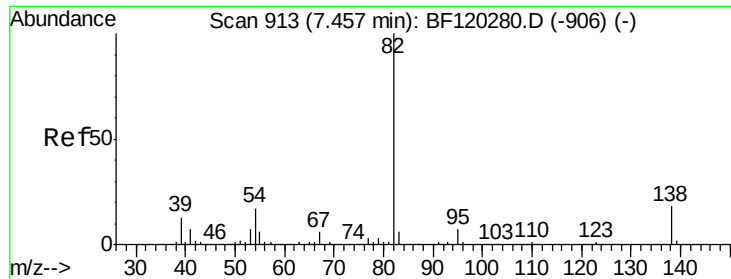
#24
Nitrobenzene
Concen: 41.754 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion: 77 Resp: 965055
Ion Ratio Lower Upper
77 100
123 48.3 40.0 60.0
65 15.0 11.7 17.5



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





#25

Isophorone

Concen: 40.879 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

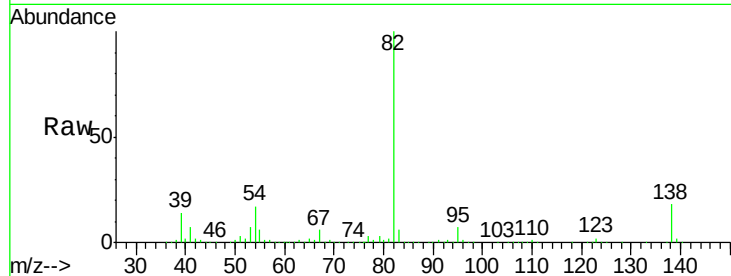
Tot Ion: 82 Resp: 1826695

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

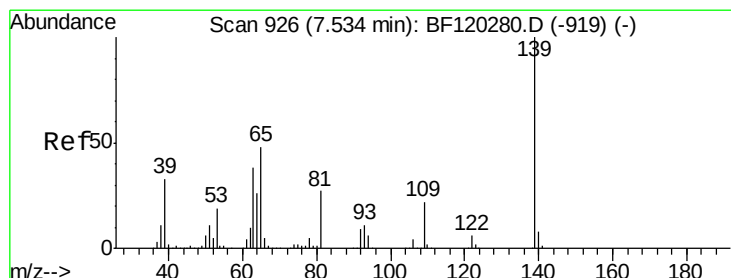
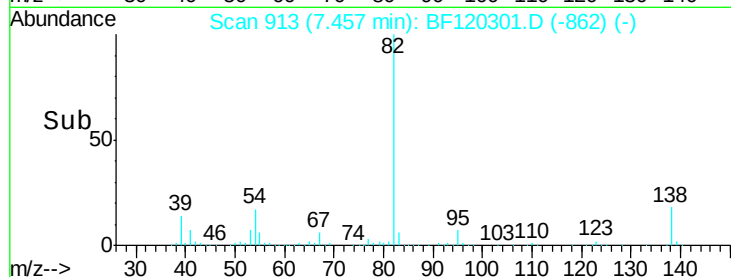
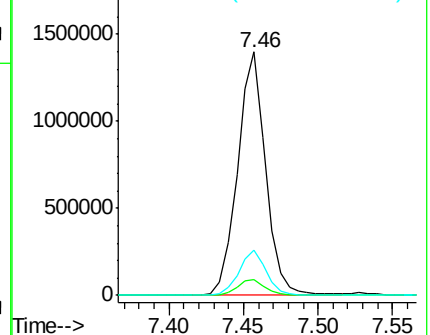
138 18.5 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.560 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

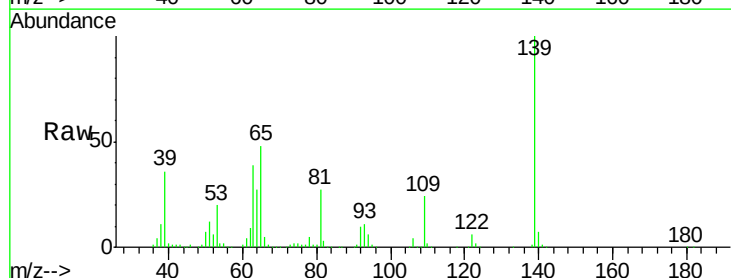
Tgt Ion: 139 Resp: 526560

Ion Ratio Lower Upper

139 100

109 24.3 17.7 26.5

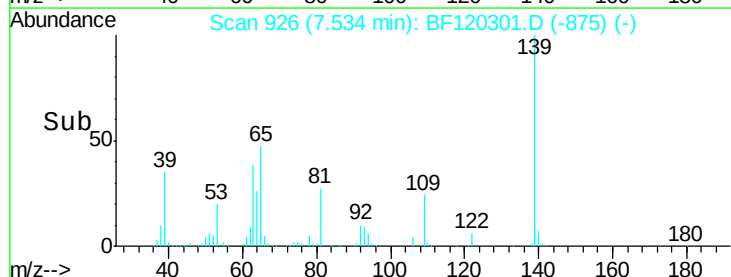
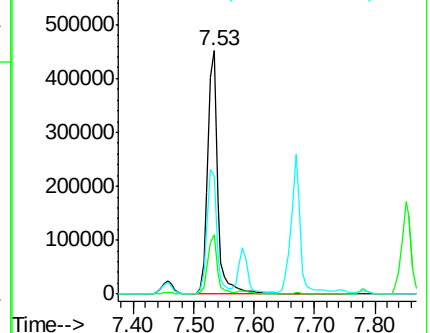
65 48.3 38.3 57.5

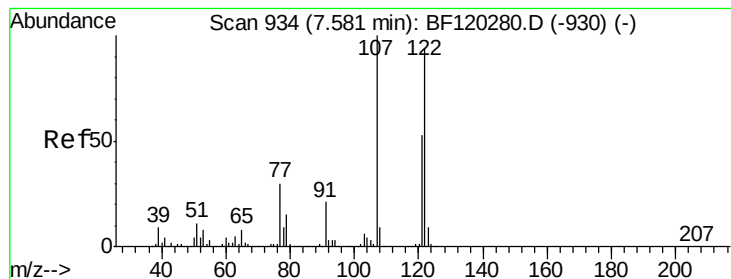


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.902 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

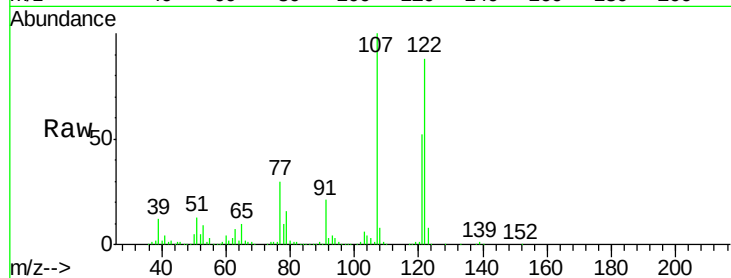
Tot Ion:122 Resp: 807159

Ion Ratio Lower Upper

122 100

107 114.1 85.0 127.6

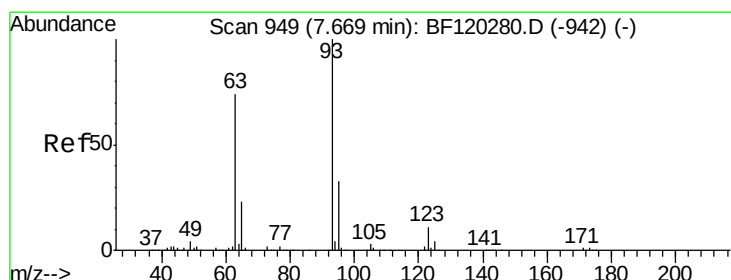
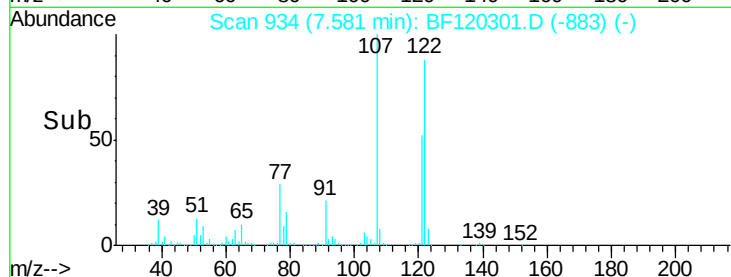
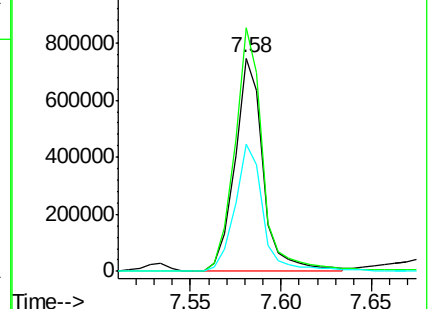
121 59.5 45.1 67.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.402 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

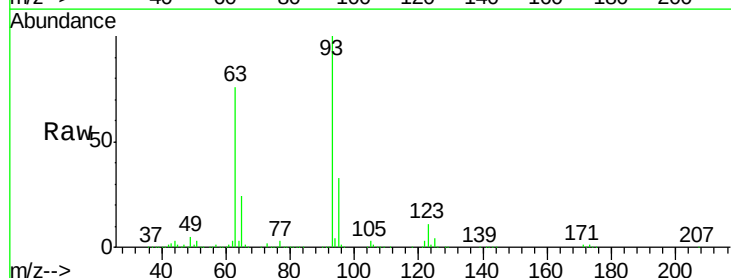
Tgt Ion: 93 Resp: 1190927

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

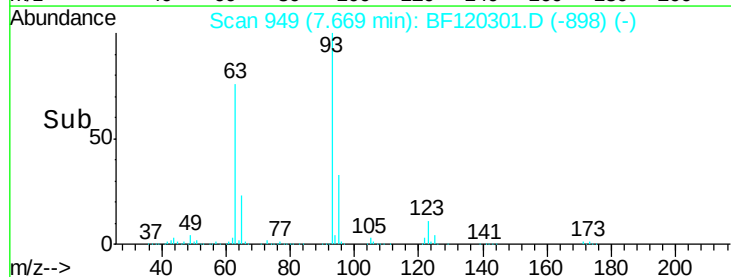
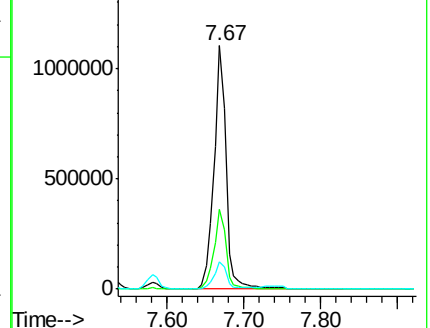
123 11.4 9.2 13.8

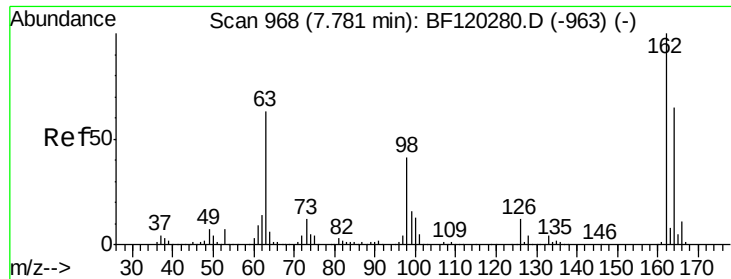


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

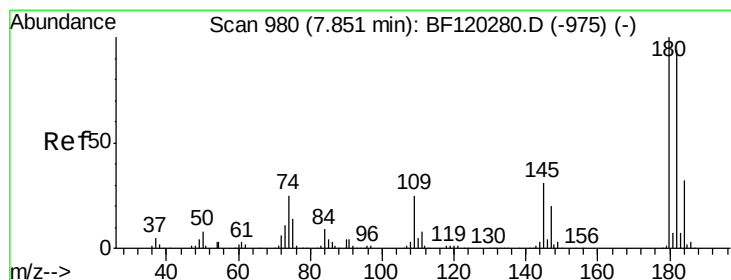
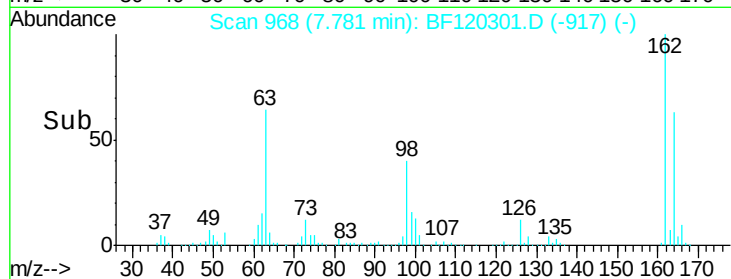
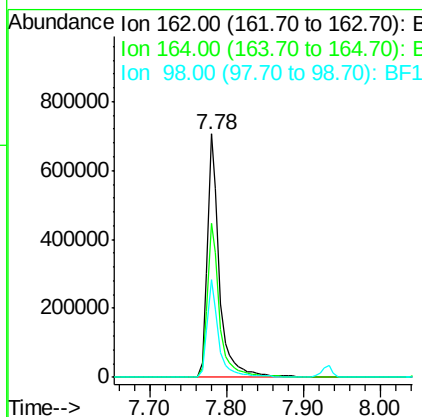
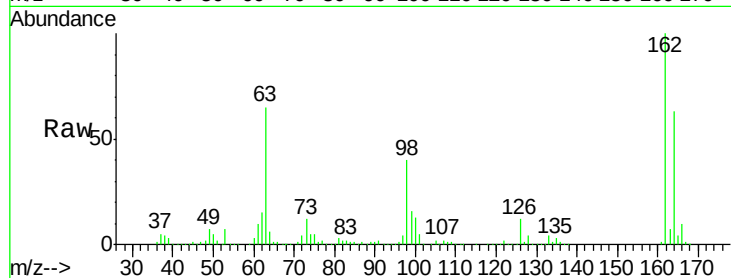




#29
 2,4-Dichlorophenol
 Concen: 42.615 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

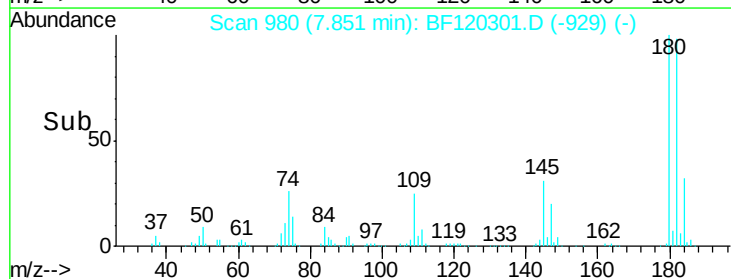
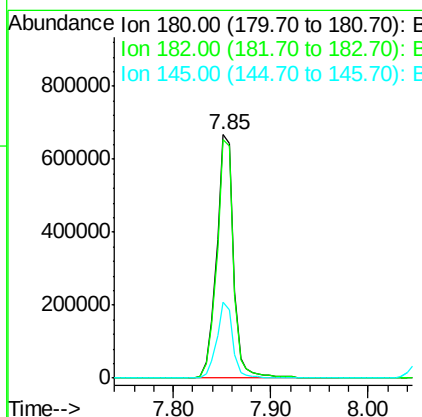
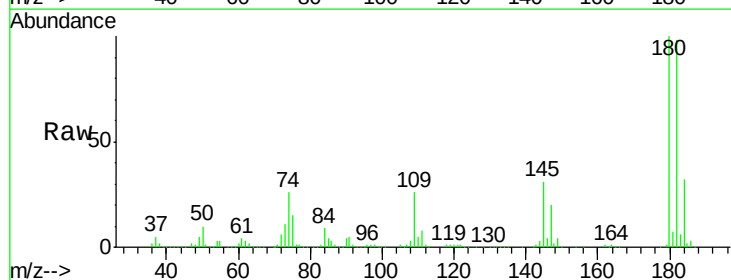
Instrument :
 BNA_F
 ClientSampleId :

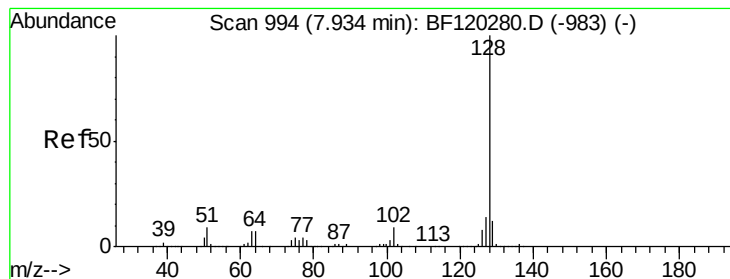
Tot Ion:162 Resp: 769616
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.9 84.9
 98 40.1 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.296 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Tgt Ion:180 Resp: 806444
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.3 112.9
 145 31.0 24.9 37.3





#31

Naphthalene

Concen: 42.693 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

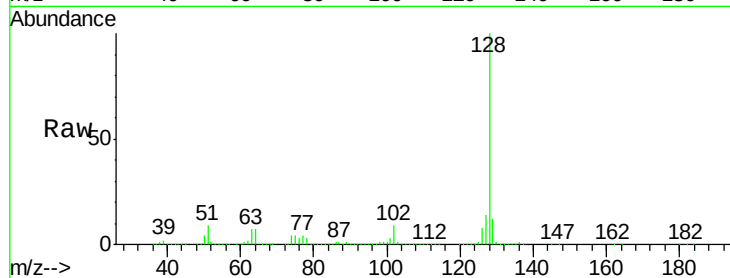
Tot Ion:128 Resp: 2649410

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

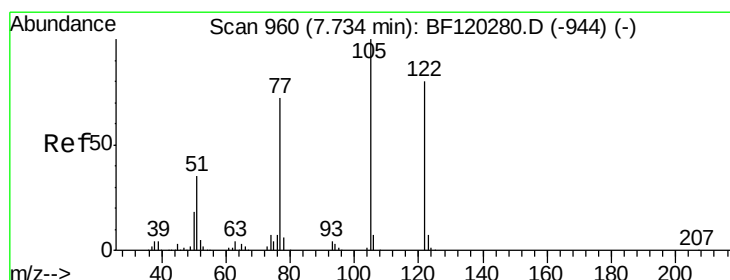
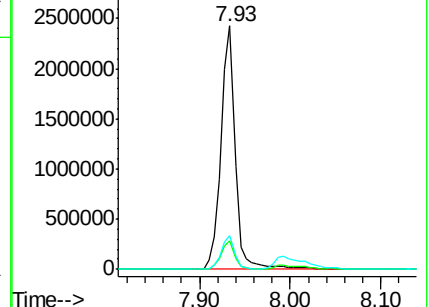
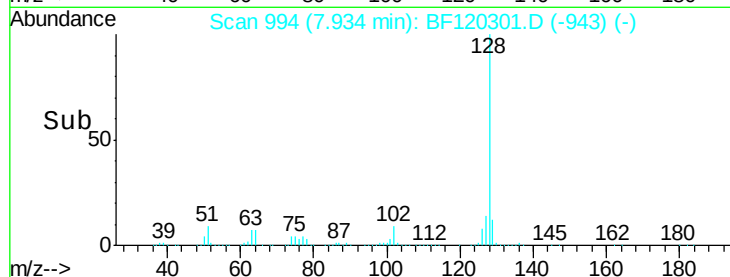
127 14.1 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.833 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

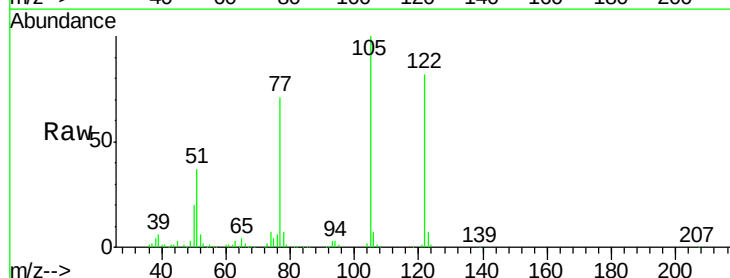
Tgt Ion:122 Resp: 574372

Ion Ratio Lower Upper

122 100

105 121.7 98.1 138.1

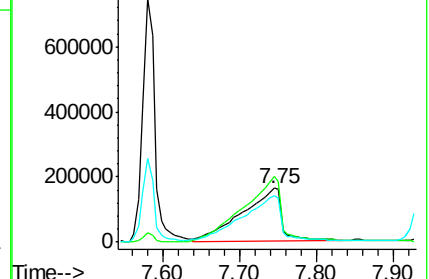
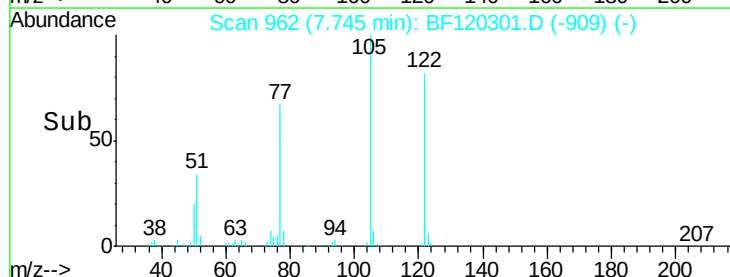
77 86.7 66.7 106.7

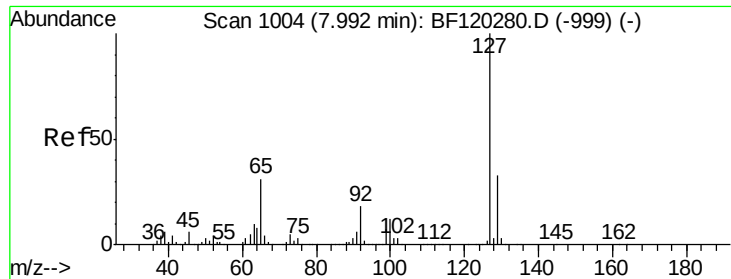


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

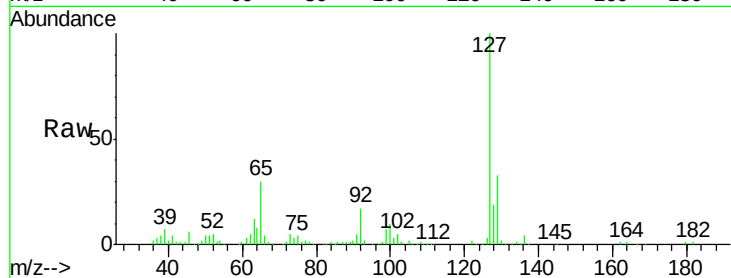




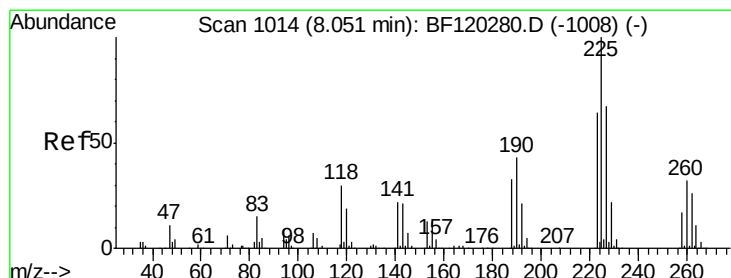
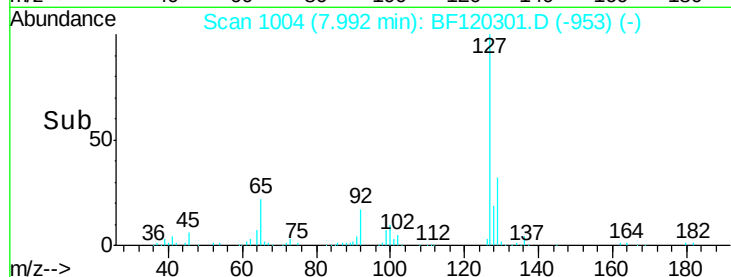
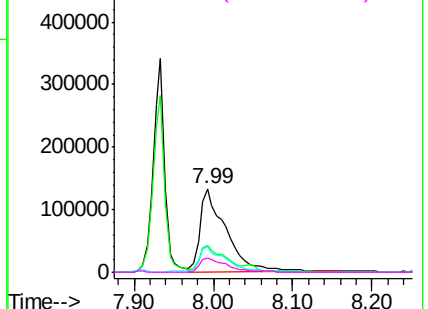
#33
4-Chloroaniline
Concen: 10.776 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	304770
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.4 39.6
65	29.9	24.8 37.2
92	17.1	14.5 21.7

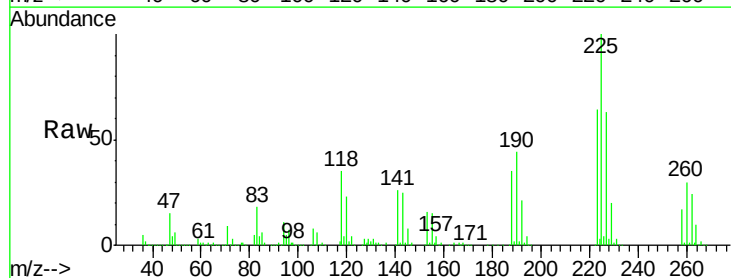


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

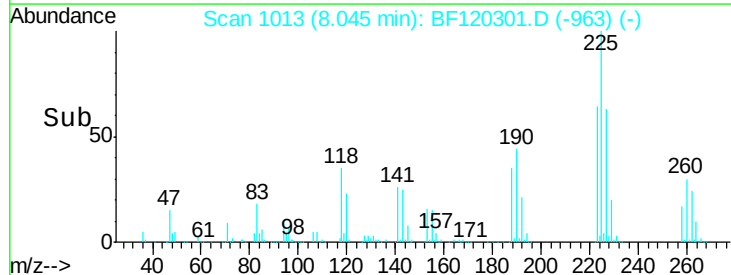
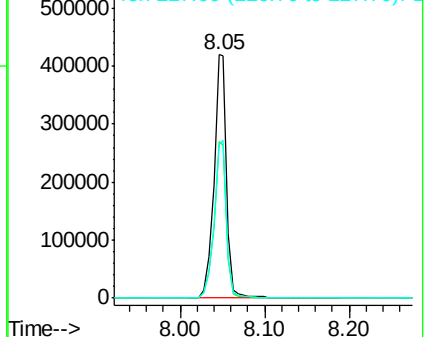


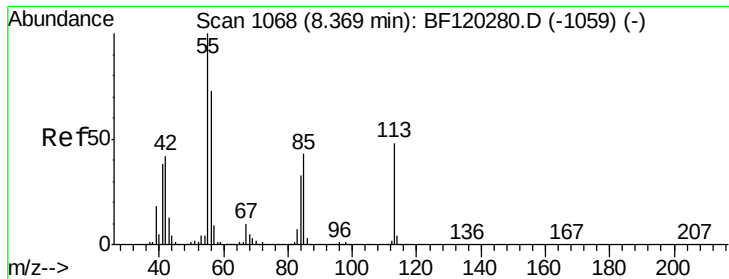
#34
Hexachlorobutadiene
Concen: 39.006 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:225	Resp:	451197
Ion Ratio	Lower	Upper
225	100	
223	64.2	51.4 77.0
227	63.2	54.0 81.0



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





#35

Caprolactam

Concen: 26.471 ng

RT: 8.37 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

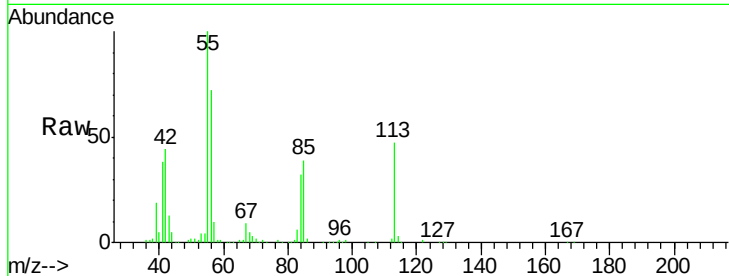
Tot Ion:113 Resp: 156399

Ion Ratio Lower Upper

113 100

55 213.5 190.4 230.4

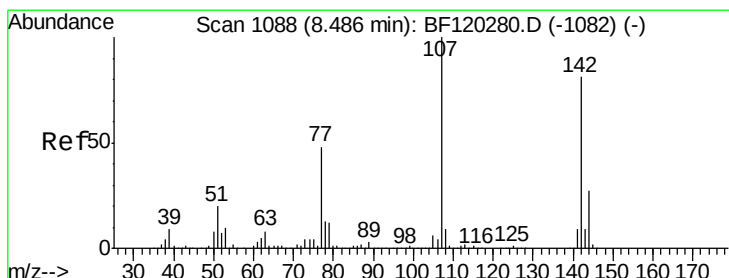
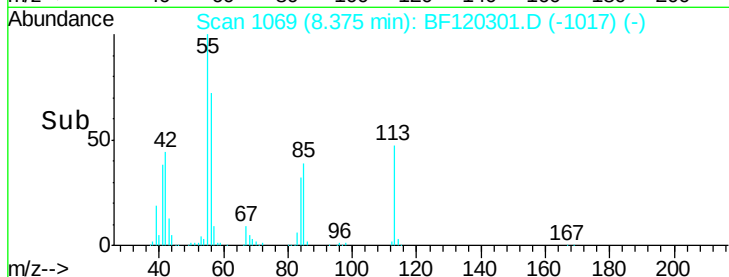
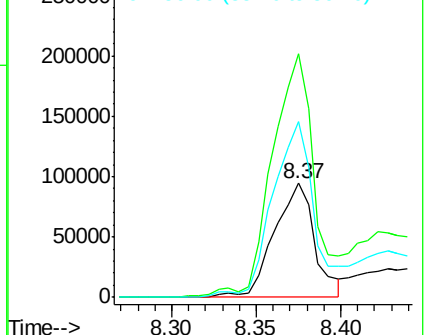
56 153.9 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.915 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

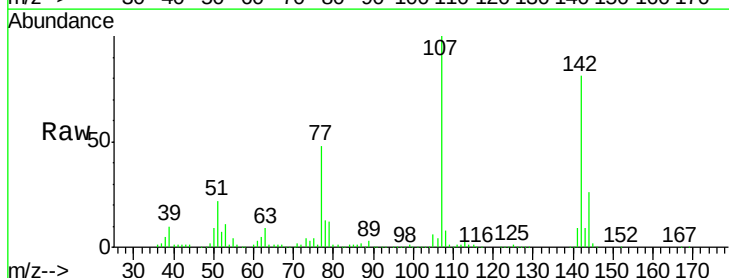
Tgt Ion:107 Resp: 818878

Ion Ratio Lower Upper

107 100

144 25.7 21.4 32.2

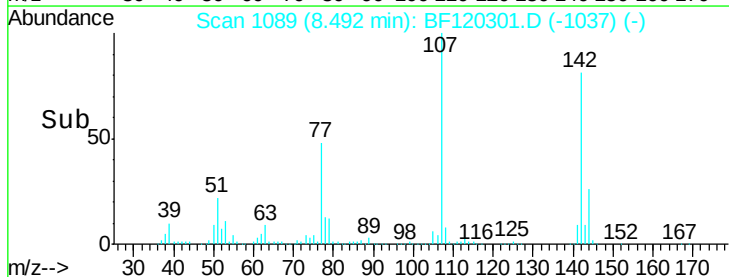
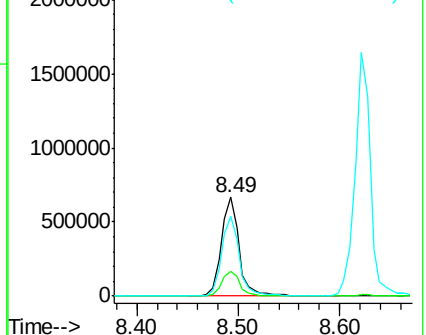
142 80.9 65.1 97.7

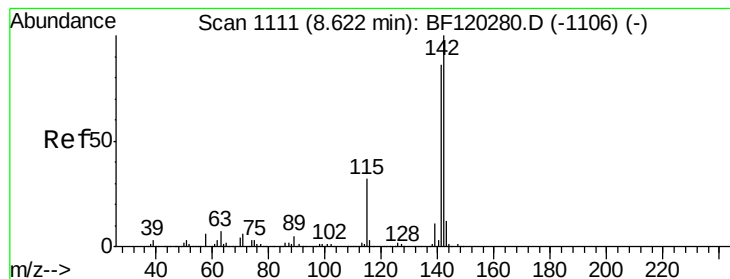


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.213 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

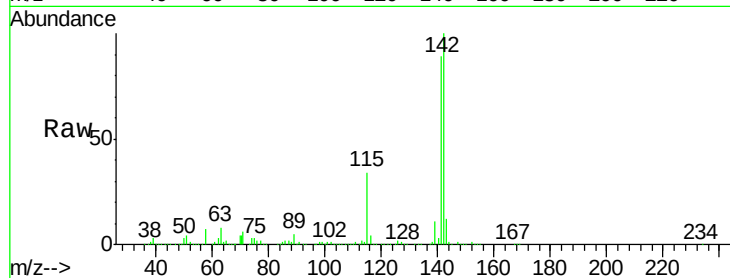
Tot Ion:142 Resp: 1750219

Ion Ratio Lower Upper

142 100

141 88.9 68.8 103.2

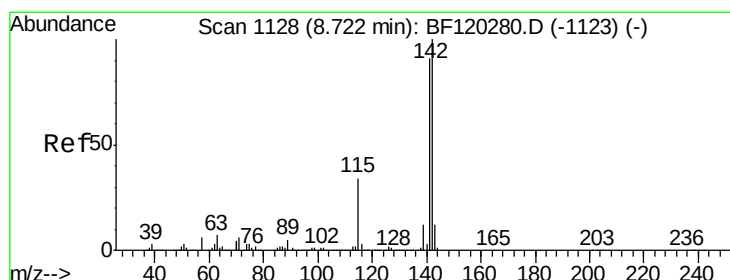
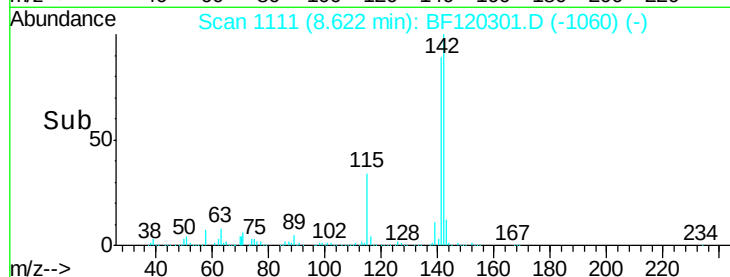
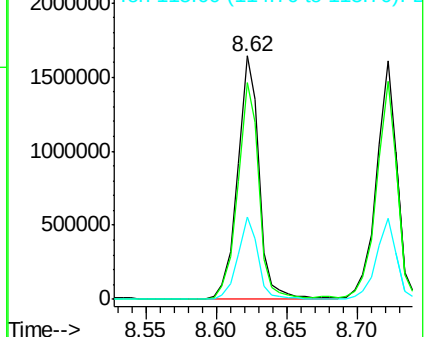
115 33.6 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.914 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

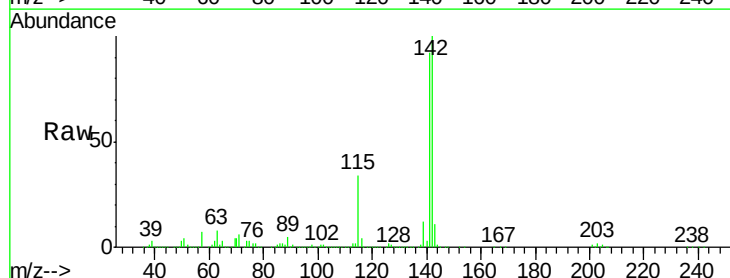
Tgt Ion:142 Resp: 1685203

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.6

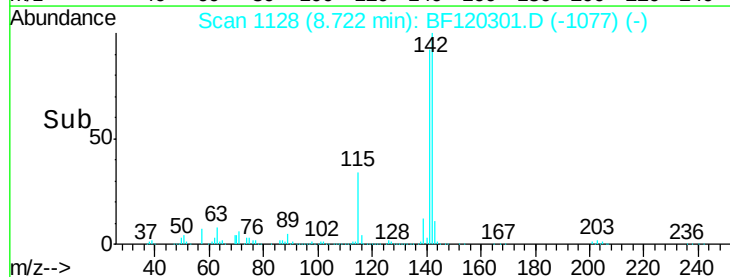
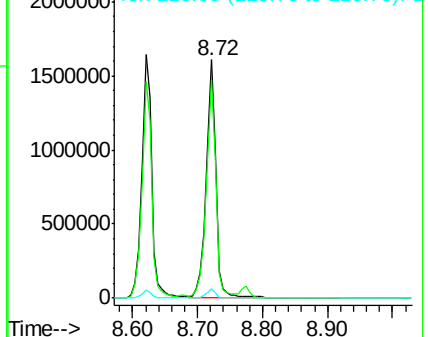
116 3.7 2.7 4.1

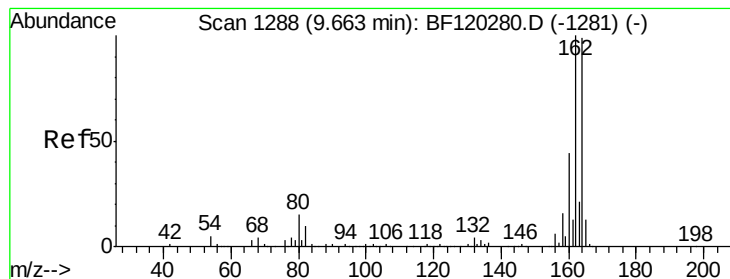


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampled :

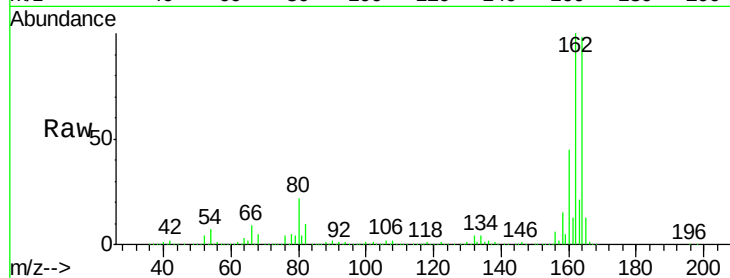
Tot Ion:164 Resp: 739521

Ion Ratio Lower Upper

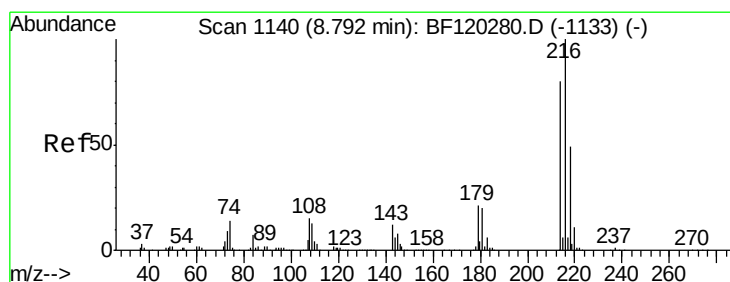
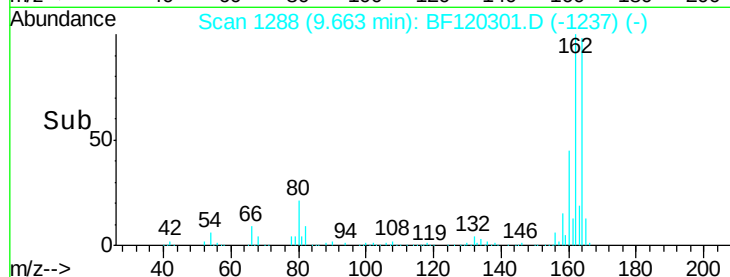
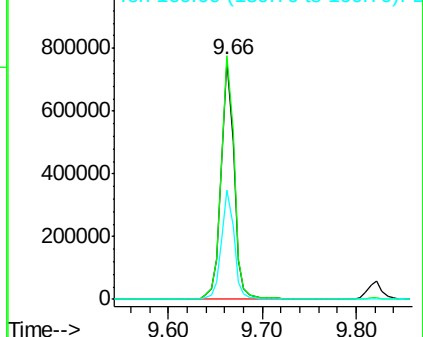
164 100

162 102.0 81.2 121.8

160 45.5 35.8 53.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.438 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Tgt Ion:216 Resp: 791354

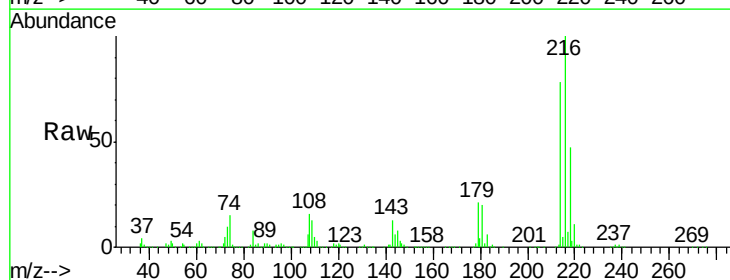
Ion Ratio Lower Upper

216 100

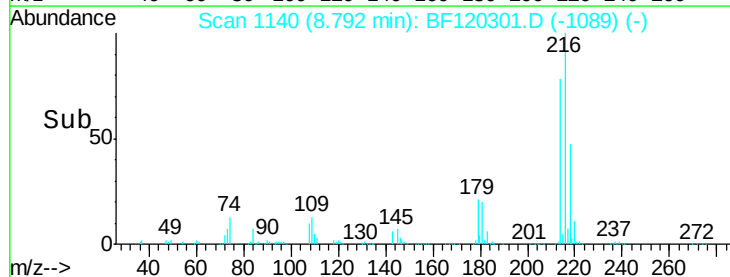
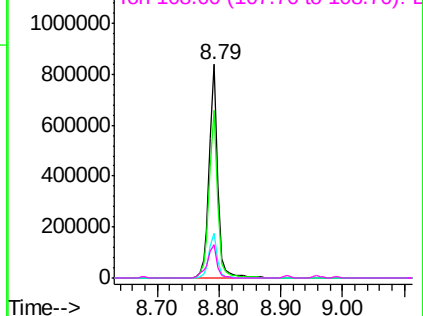
214 78.8 64.0 96.0

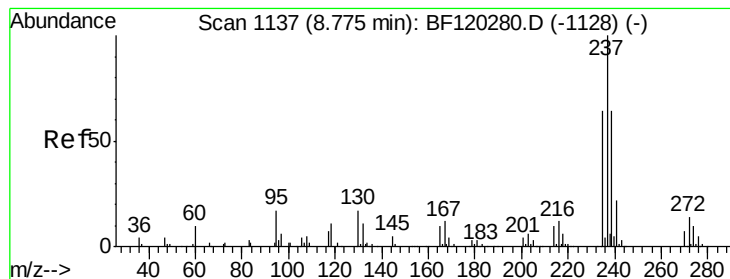
179 21.2 16.9 25.3

108 18.0 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.063 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

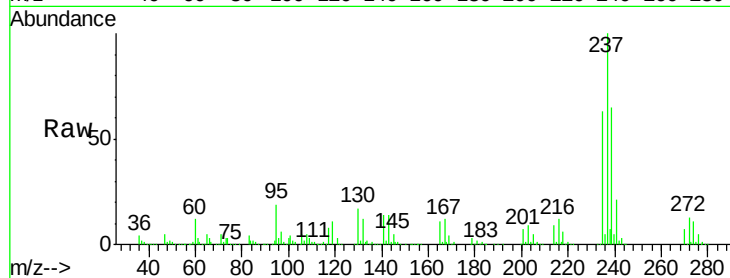
Tot Ion:237 Resp: 540413

Ion Ratio Lower Upper

237 100

235 63.2 43.8 83.8

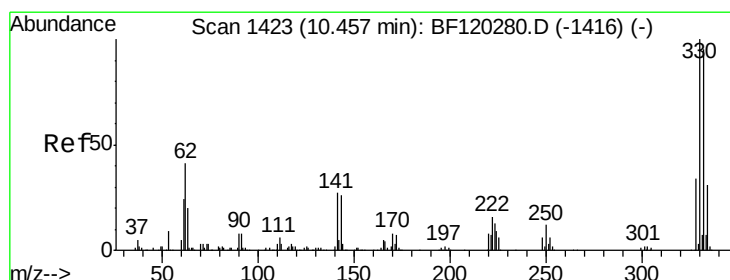
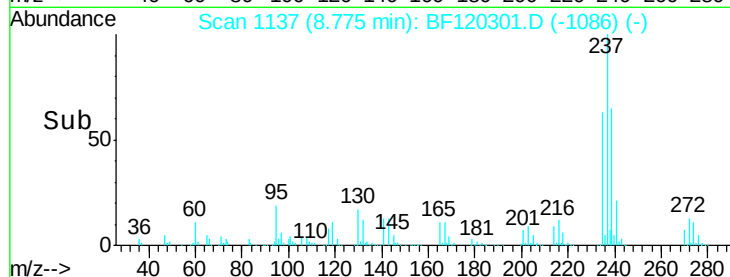
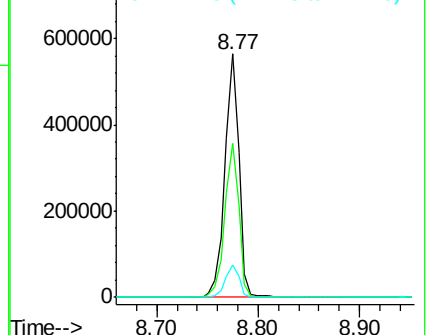
272 13.4 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.754 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

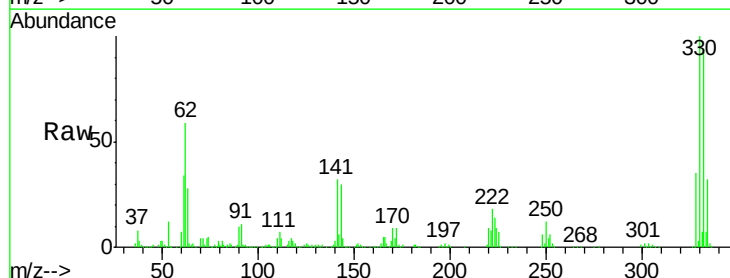
Tgt Ion:330 Resp: 607515

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

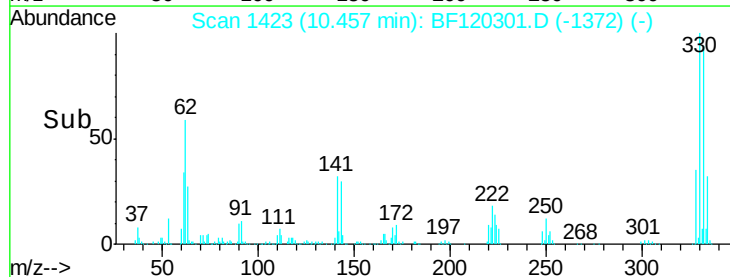
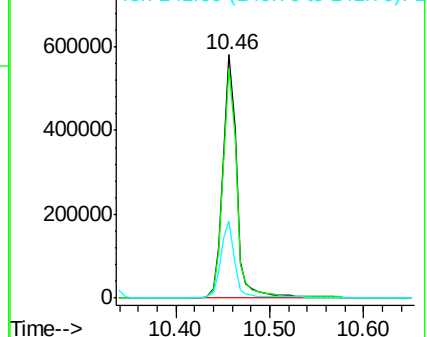
141 31.6 25.4 38.0

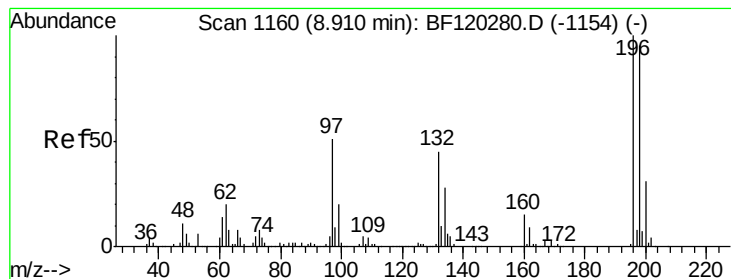


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.043 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

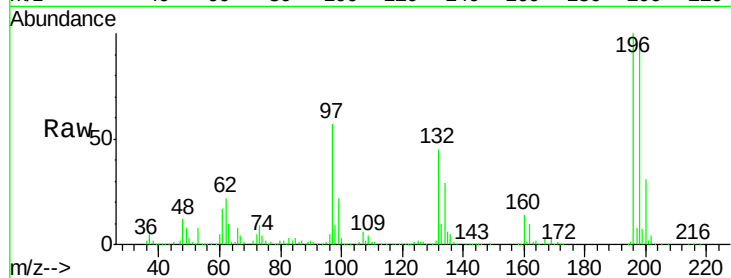
Tot Ion:196 Resp: 526247

Ion Ratio Lower Upper

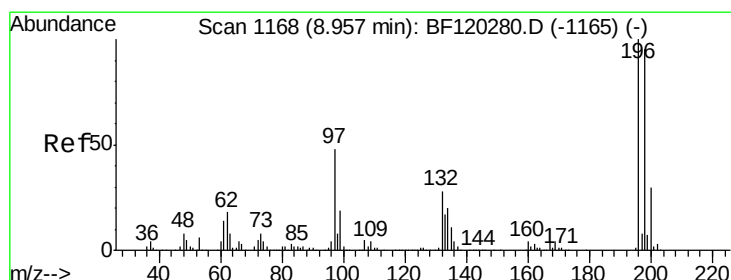
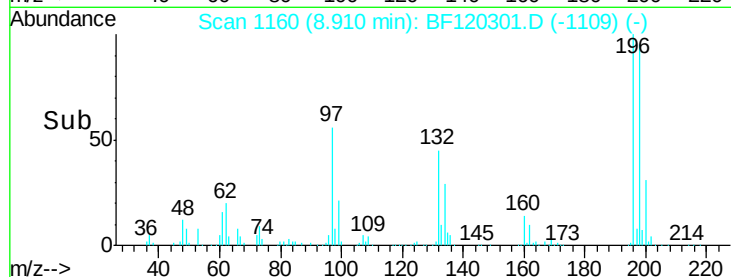
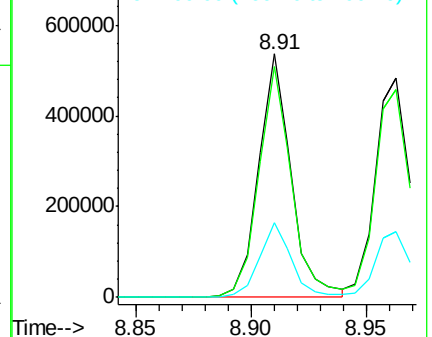
196 100

198 94.9 76.2 114.4

200 30.8 24.9 37.3



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



#44

2,4,5-Trichlorophenol

Concen: 39.210 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Tgt Ion:196 Resp: 563629

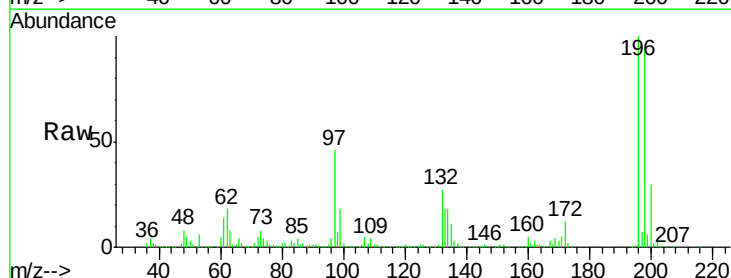
Ion Ratio Lower Upper

196 100

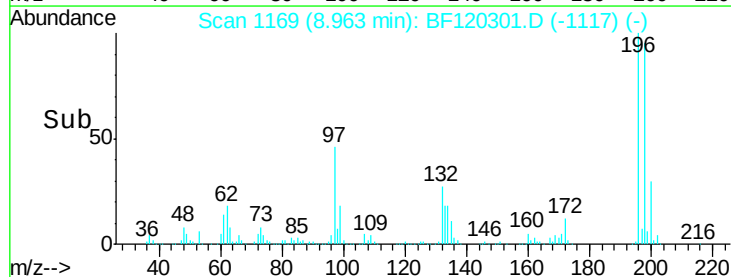
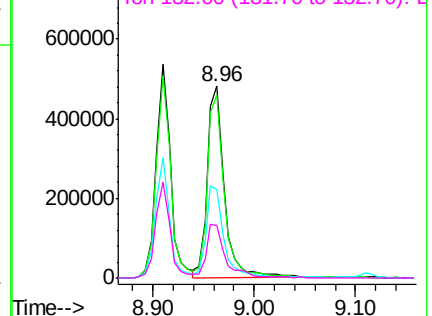
198 95.2 76.2 114.4

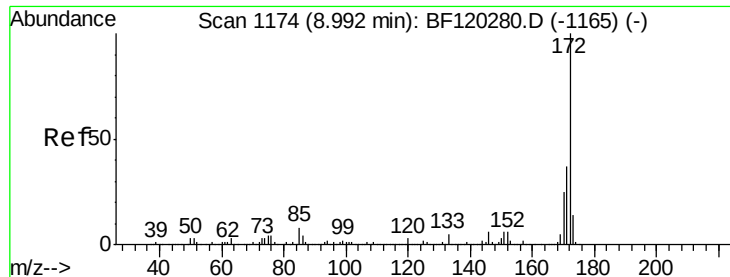
97 46.0 38.6 57.8

132 27.3 23.2 34.8



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





#45

2-Fluorobiphenyl

Concen: 77.878 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

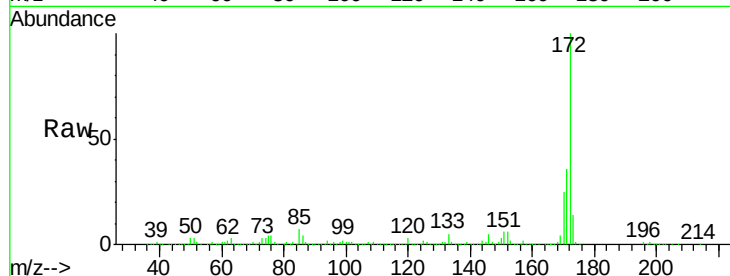
Tot Ion:172 Resp: 2803280

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

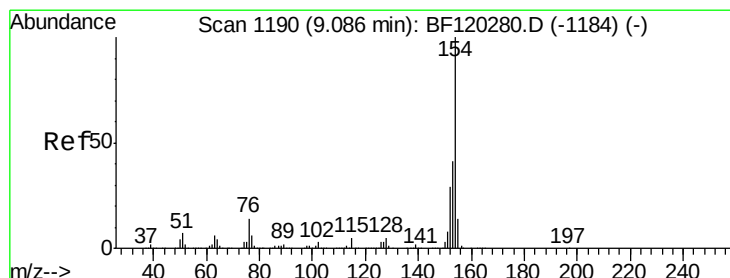
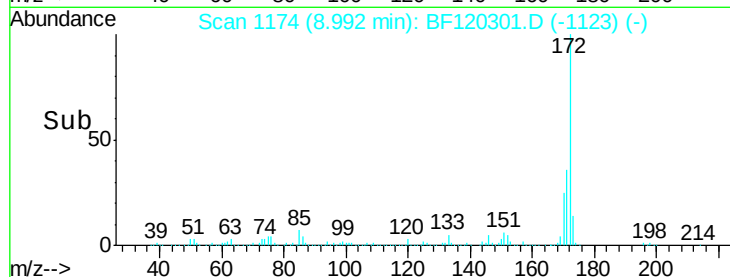
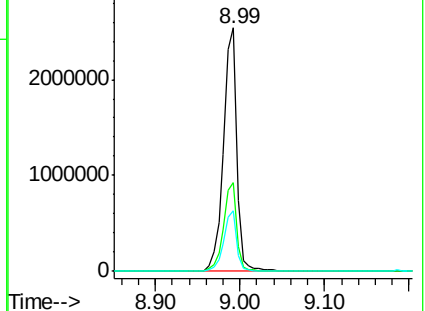
170 24.7 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.365 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

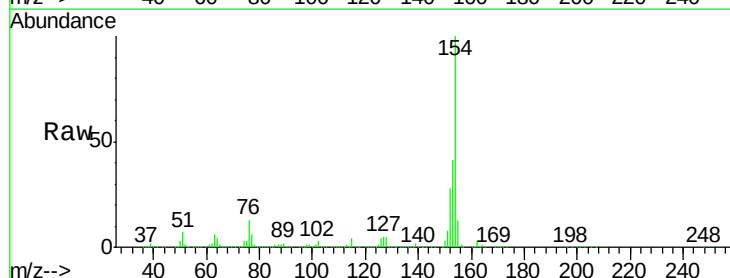
Tgt Ion:154 Resp: 2101200

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

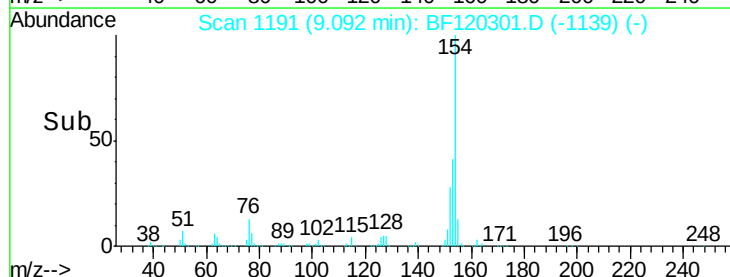
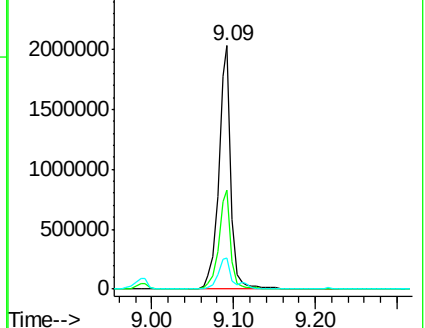
76 12.9 0.0 34.3

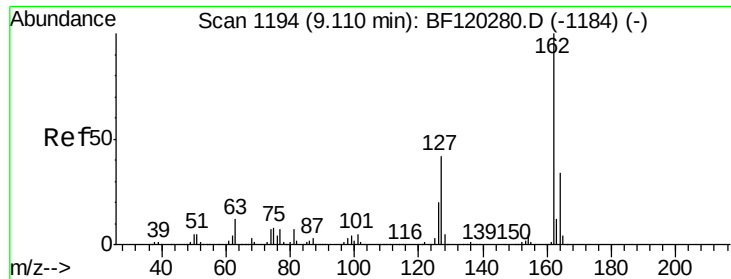


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.944 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

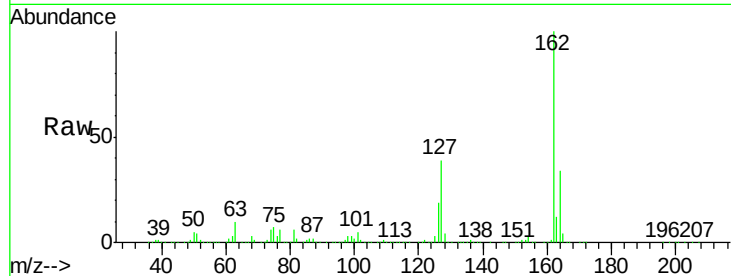
Tot Ion:162 Resp: 1591386

Ion Ratio Lower Upper

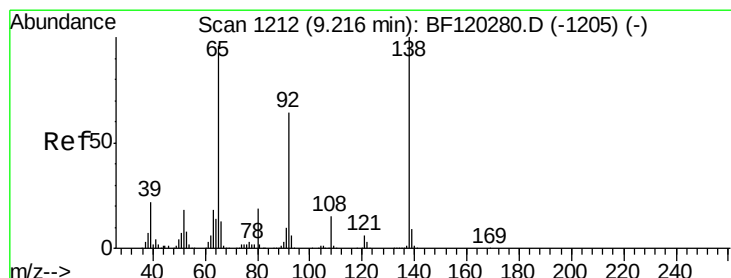
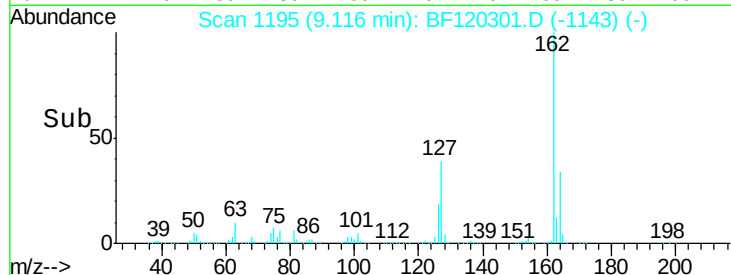
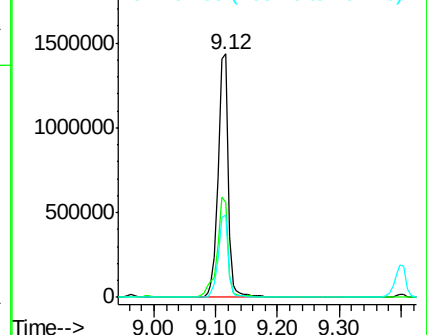
162 100

127 38.9 33.4 50.0

164 33.8 27.0 40.6



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



#48

2-Nitroaniline

Concen: 39.969 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

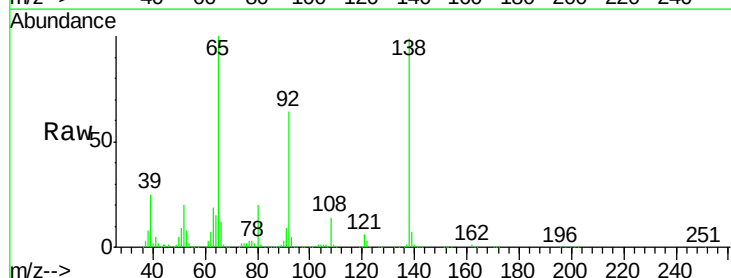
Tgt Ion: 65 Resp: 566810

Ion Ratio Lower Upper

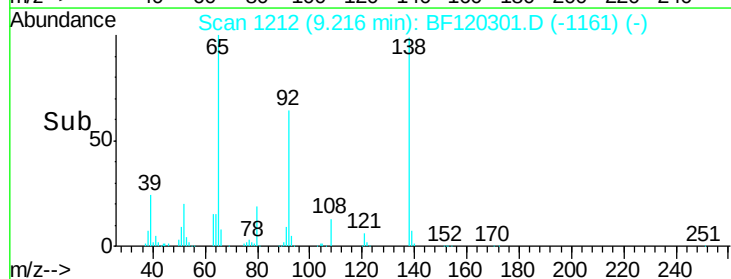
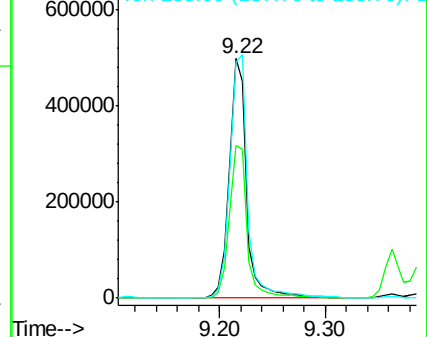
65 100

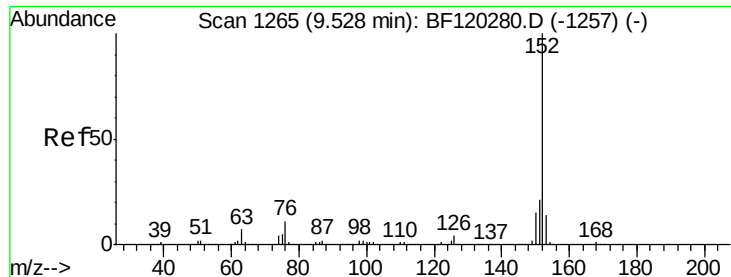
92 63.6 52.9 79.3

138 98.7 83.0 124.4



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





#49

Acenaphthylene

Concen: 41.276 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

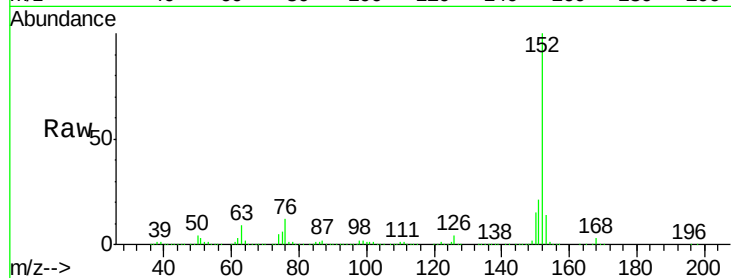
Tot Ion:152 Resp: 2450613

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

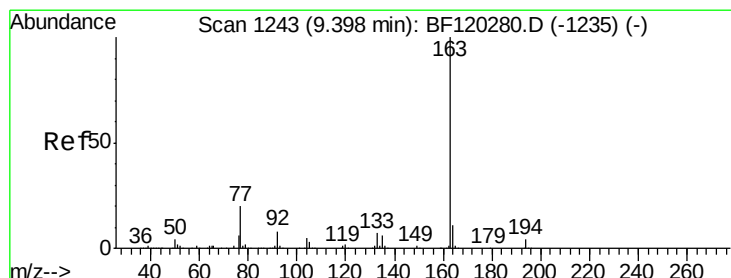
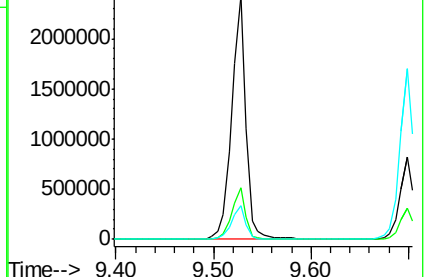
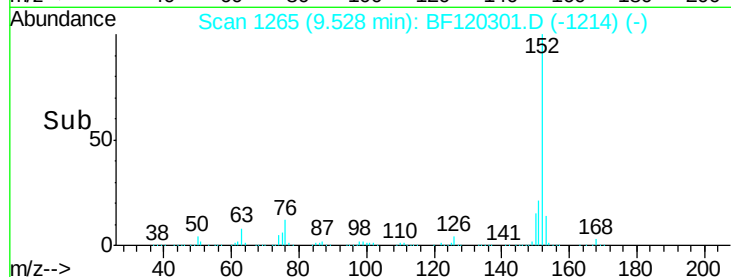
153 14.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.872 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

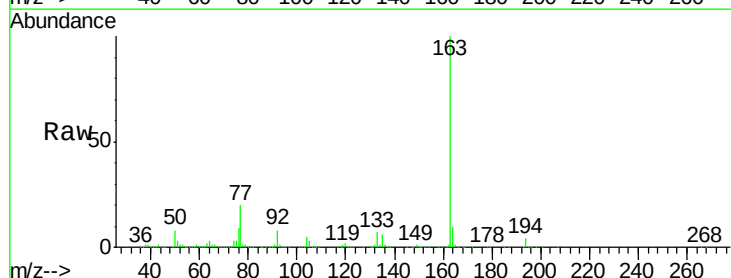
Tgt Ion:163 Resp: 2331453

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

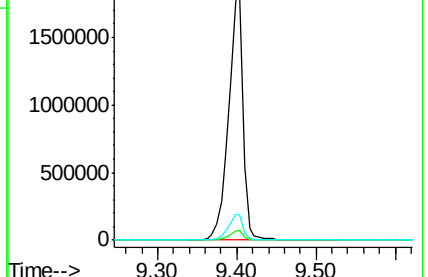
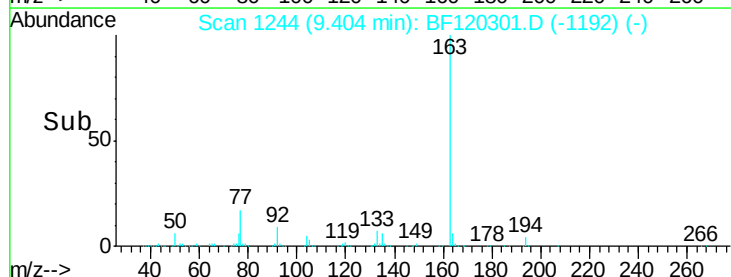
164 10.0 8.6 12.8

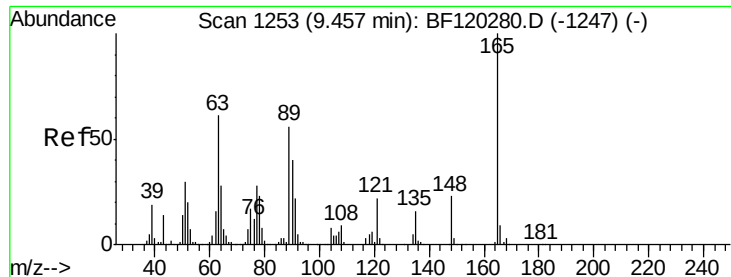


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

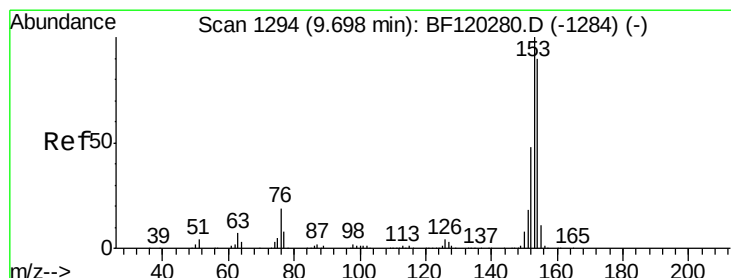
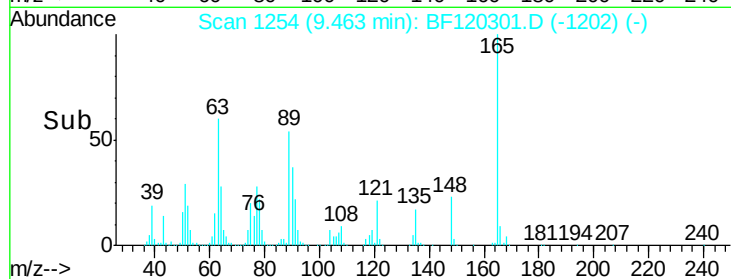
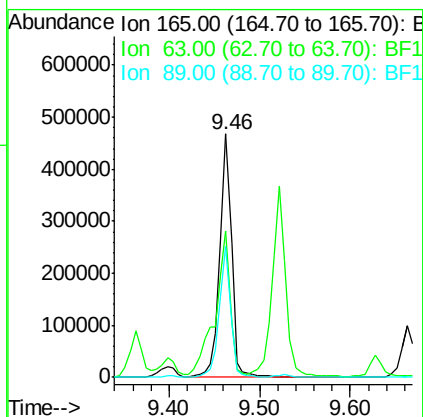
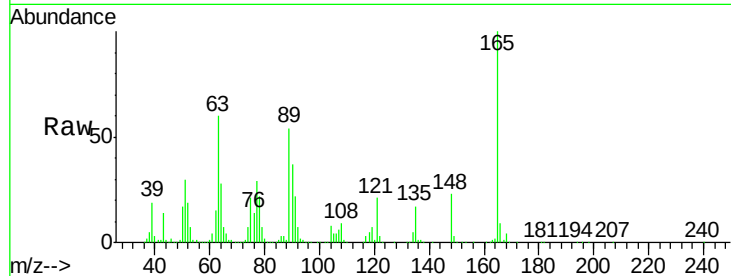




#51
 2,6-Dinitrotoluene
 Concen: 40.296 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

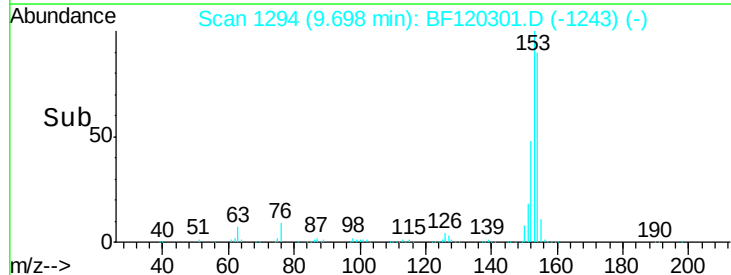
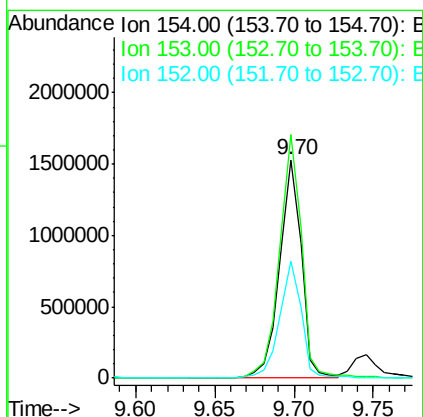
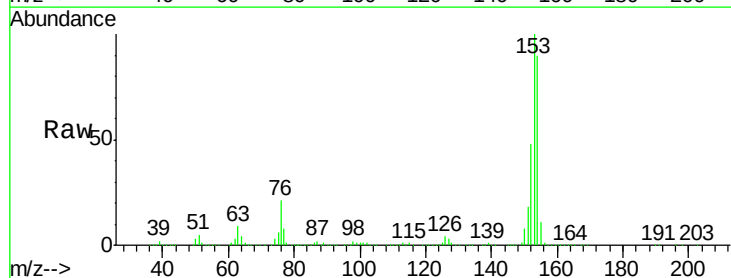
Instrument :
 BNA_F
 ClientSampleID :

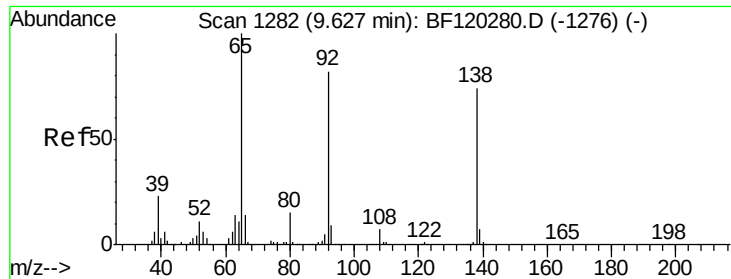
Tot Ion:165 Resp: 420436
 Ion Ratio Lower Upper
 165 100
 63 60.2 50.2 75.2
 89 53.8 44.6 66.8



#52
 Acenaphthene
 Concen: 41.094 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Tgt Ion:154 Resp: 1462444
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.0 133.4
 152 53.7 42.6 64.0

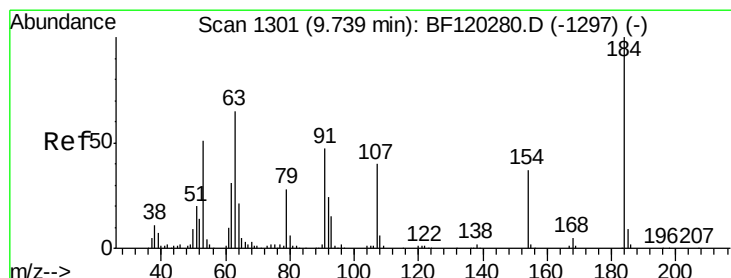
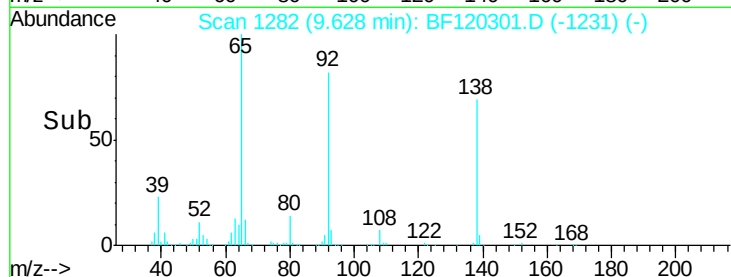
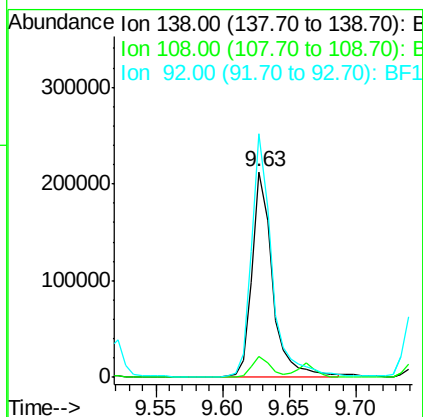
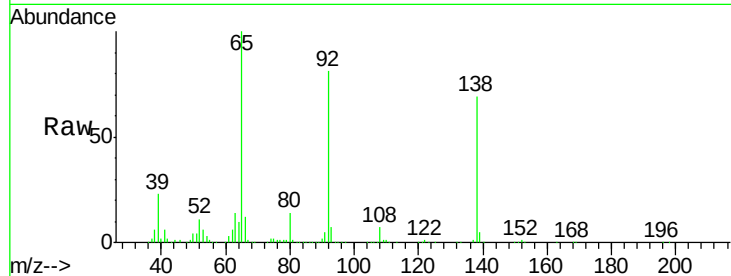




#53
3-Nitroaniline
Concen: 17.970 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

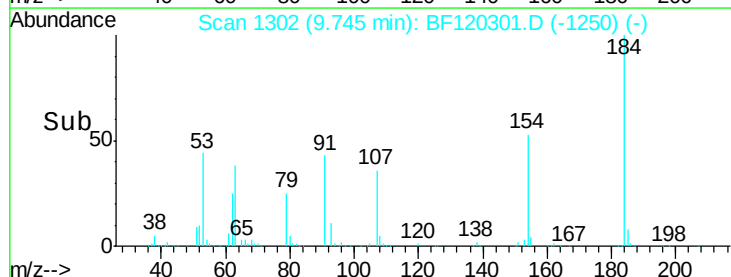
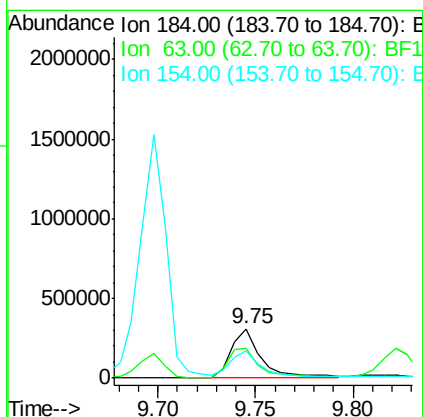
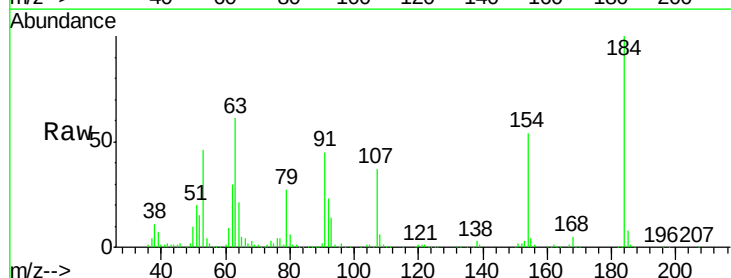
Instrument :
BNA_F
ClientSampleId :

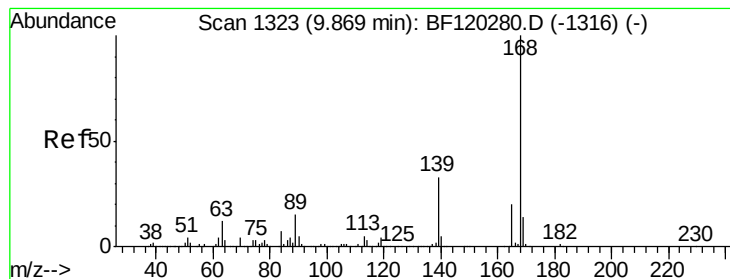
Tot Ion:138 Resp: 223589
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 118.6 89.6 134.4



#54
2,4-Dinitrophenol
Concen: 68.322 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:184 Resp: 336489
Ion Ratio Lower Upper
184 100
63 61.2 53.6 80.4
154 53.7 46.8 70.2





#55

Dibenzofuran

Concen: 41.234 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampled :

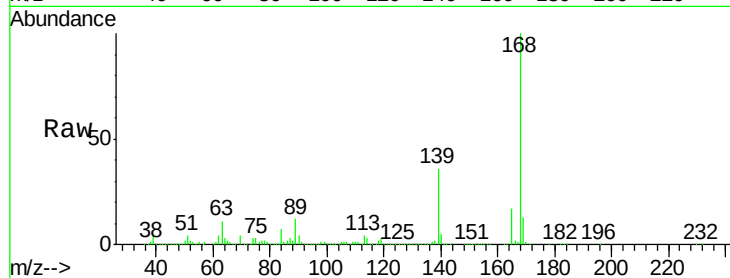
Tot Ion:168 Resp: 2113198

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.6

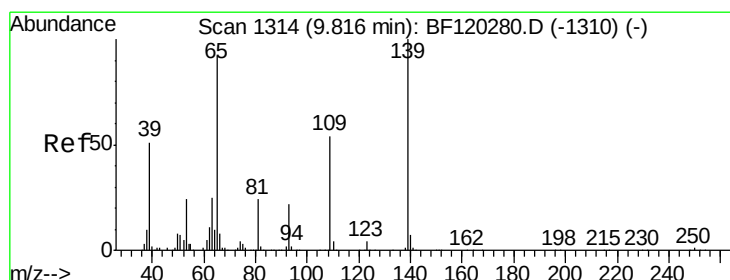
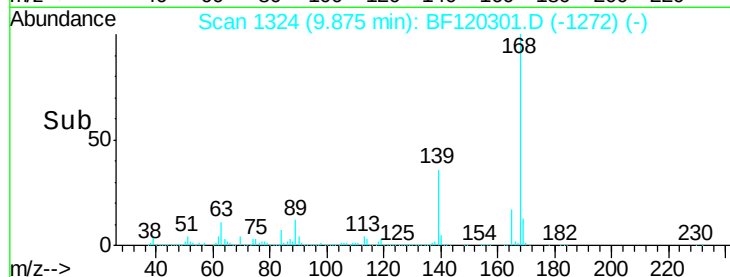
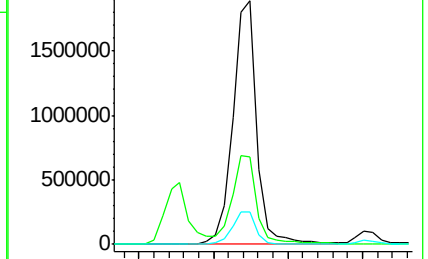
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.660 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

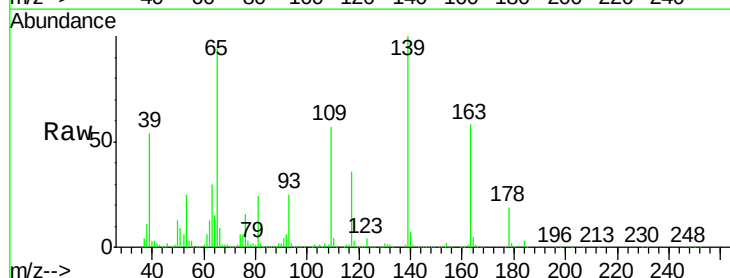
Tgt Ion:139 Resp: 532573

Ion Ratio Lower Upper

139 100

109 56.8 34.6 74.6

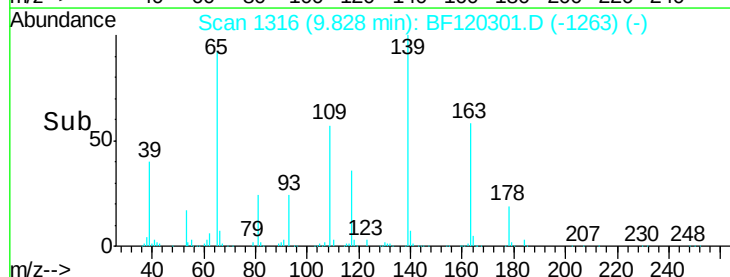
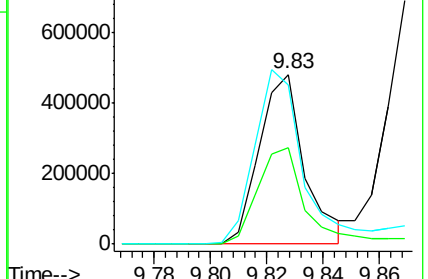
65 93.8 73.3 113.3

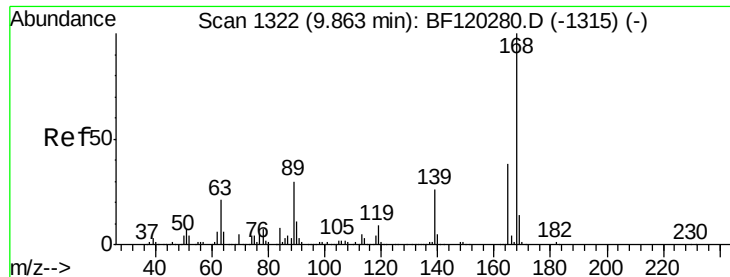


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

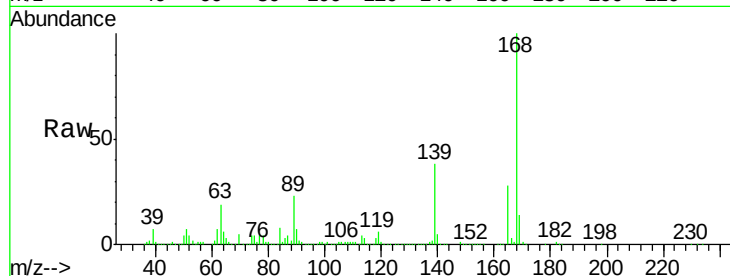




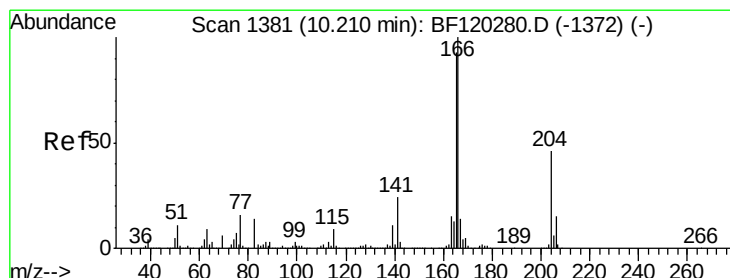
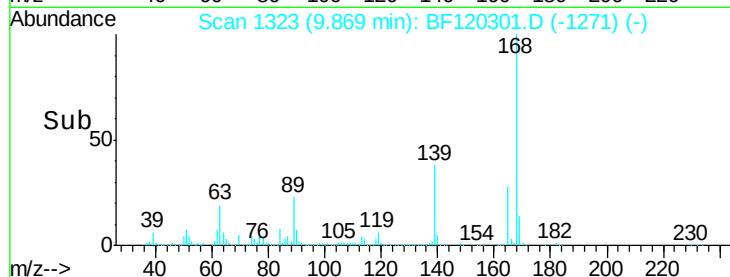
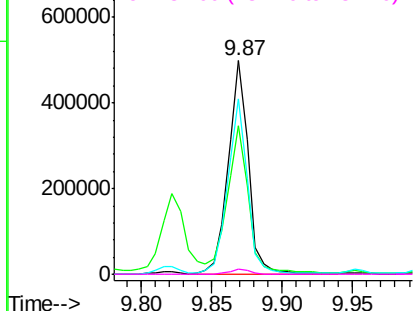
#57
2,4-Dinitrotoluene
Concen: 40.033 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 489973
Ion Ratio Lower Upper
165 100
63 69.6 51.8 77.8
89 82.0 64.2 96.4
182 2.5 2.0 3.0

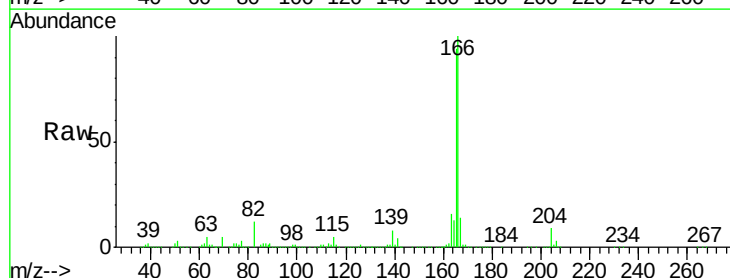


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

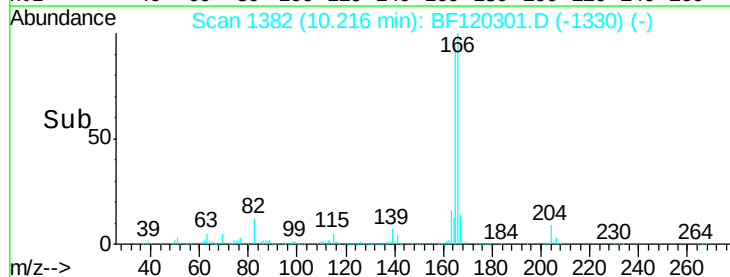
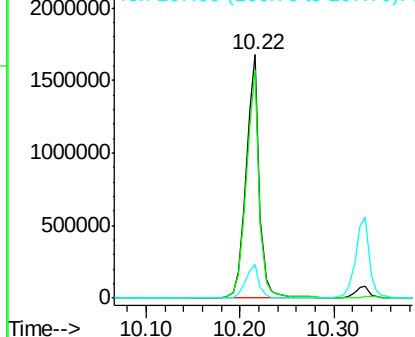


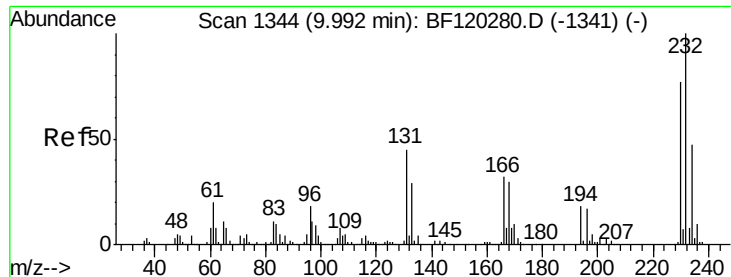
#58
Fluorene
Concen: 41.853 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:166 Resp: 1633506
Ion Ratio Lower Upper
166 100
165 94.0 74.7 112.1
167 13.7 11.4 17.0



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

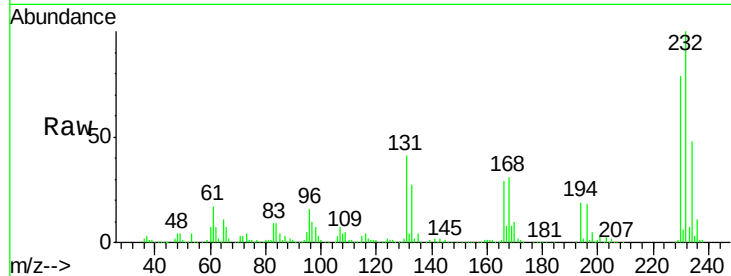




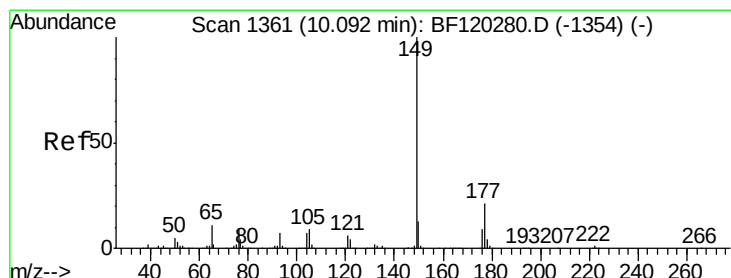
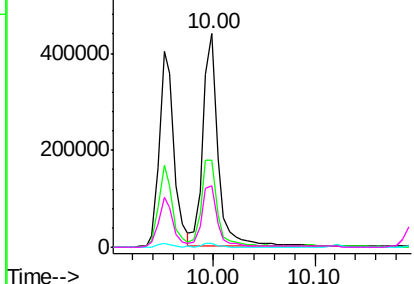
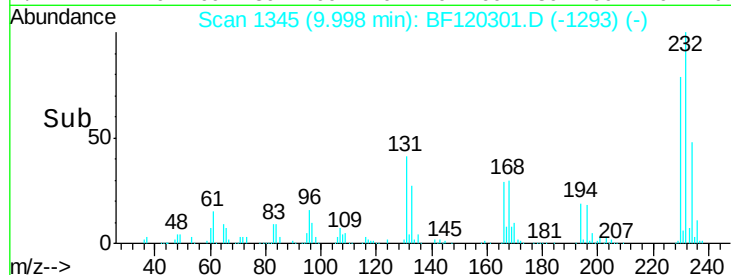
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.347 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	458109
Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.1	51.1
130	2.2	1.7	2.5
166	29.7	23.3	34.9

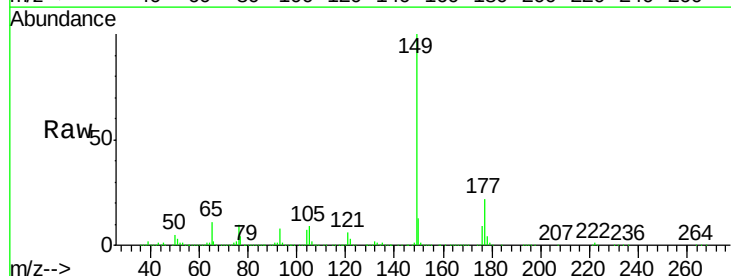


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

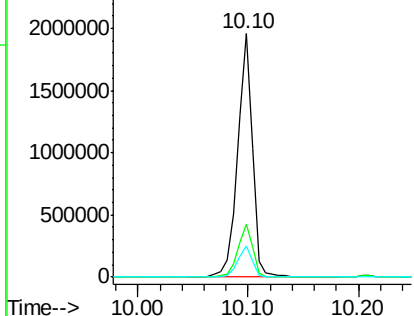
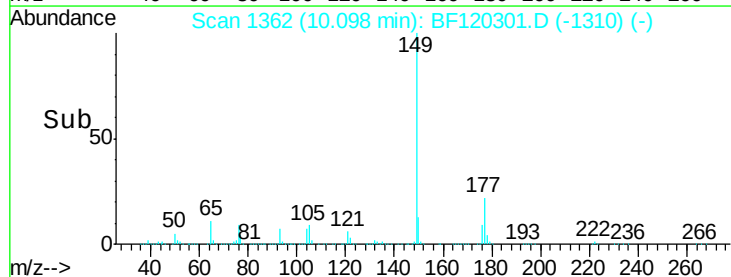


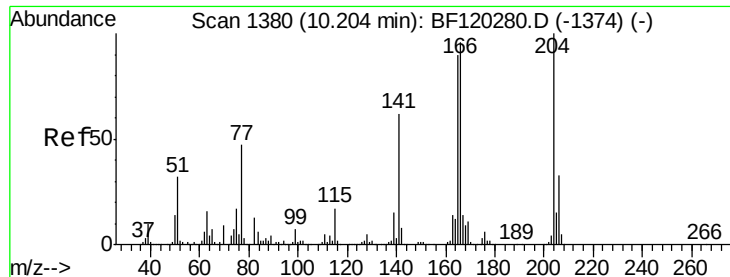
#60
 Diethylphthalate
 Concen: 41.025 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Tgt Ion:	149	Resp:	1851546
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	13.0	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

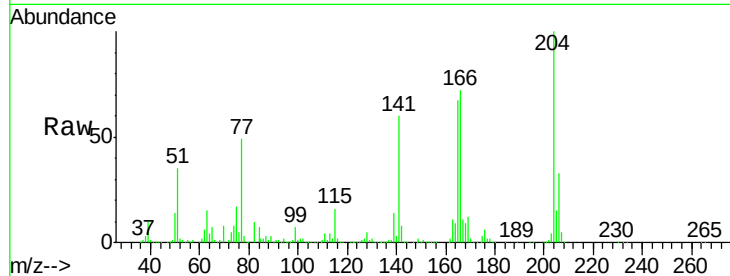




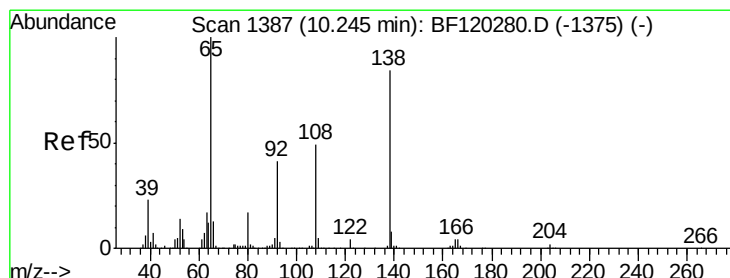
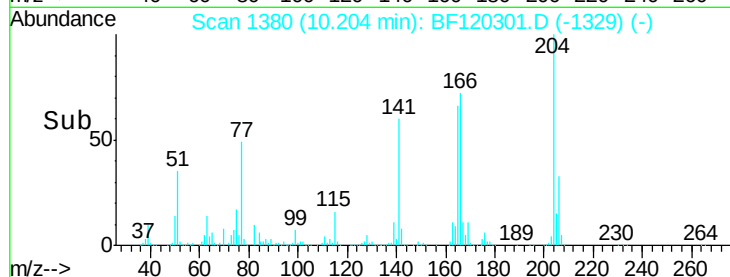
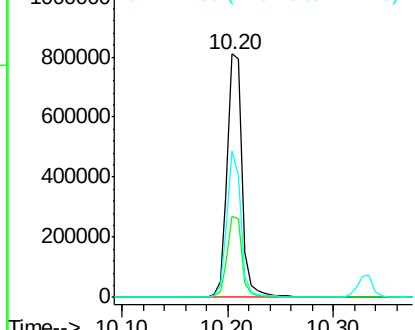
#61
4-Chlorophenyl-phenylether
Concen: 39.354 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 798584
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 60.1 49.5 74.3

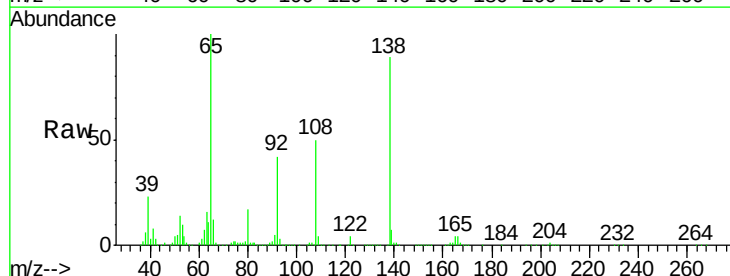


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

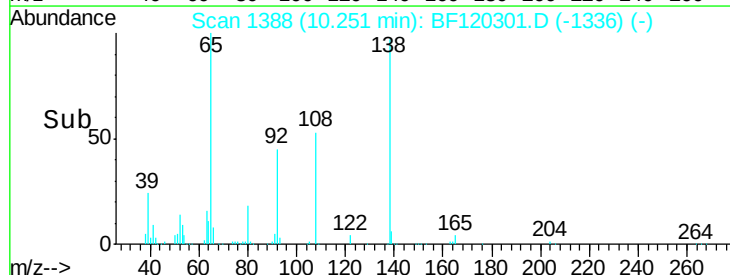
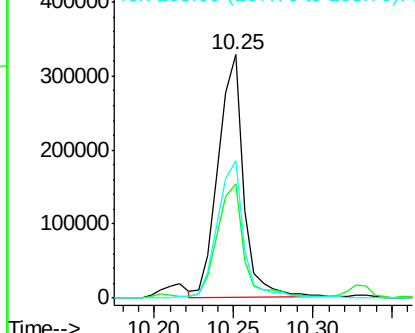


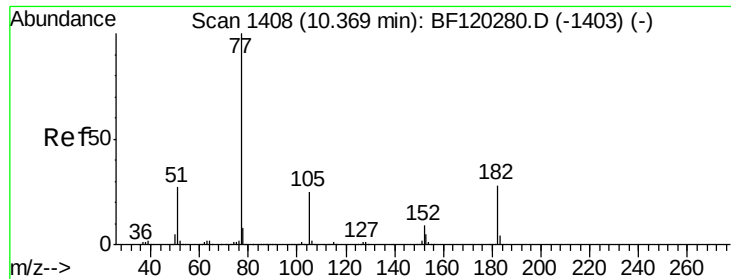
#62
4-Nitroaniline
Concen: 31.340 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:138 Resp: 363106
Ion Ratio Lower Upper
138 100
92 47.0 28.9 68.9
108 56.5 38.4 78.4



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: 41.945 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1789149

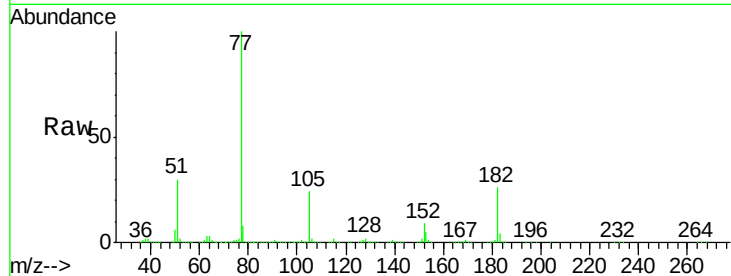
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 23.9 4.4 44.4

51 30.2 8.3 48.3

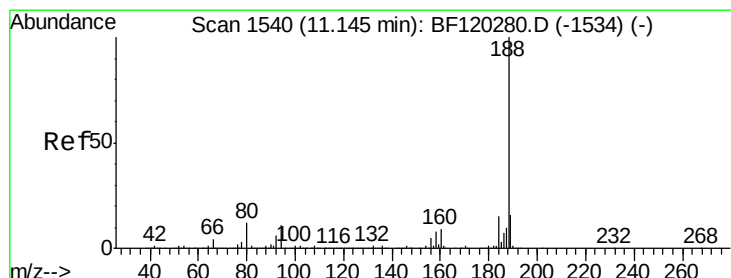
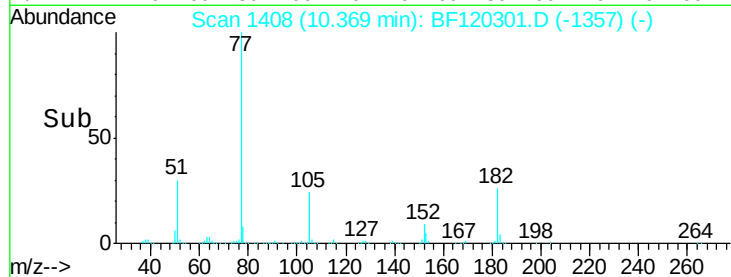
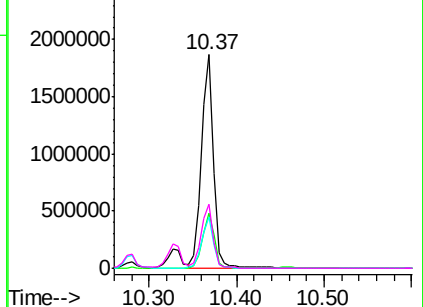


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

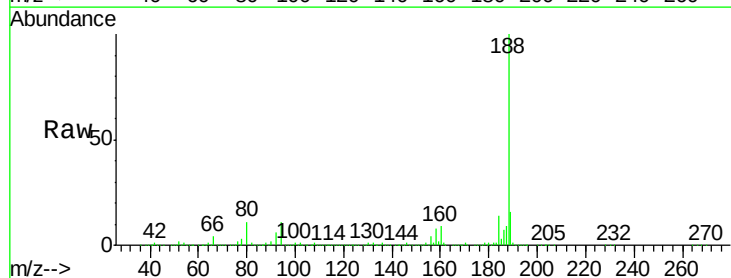
Tgt Ion: 188 Resp: 1313065

Ion Ratio Lower Upper

188 100

94 11.3 8.6 13.0

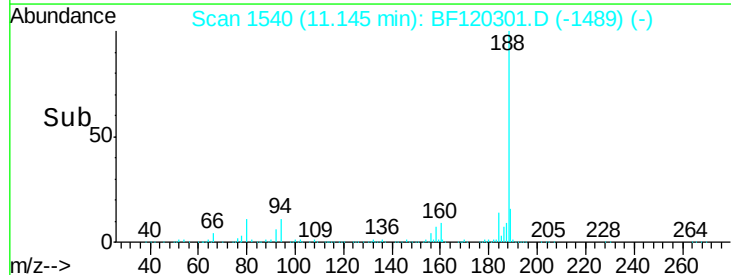
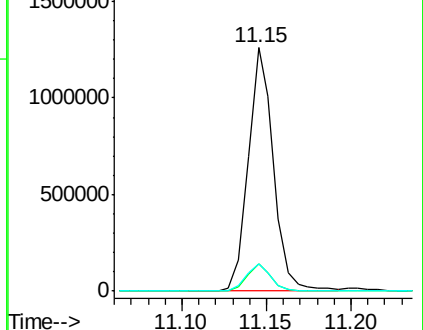
80 11.3 9.2 13.8

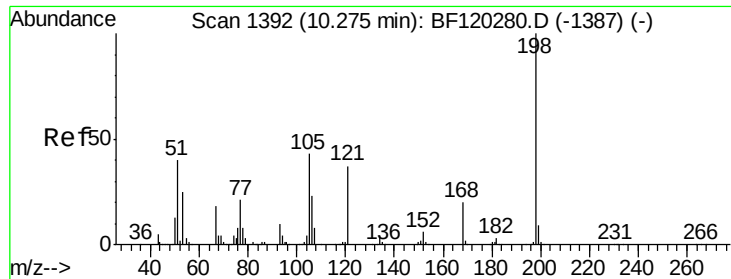


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

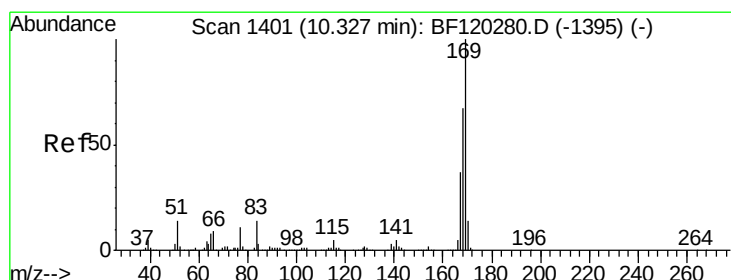
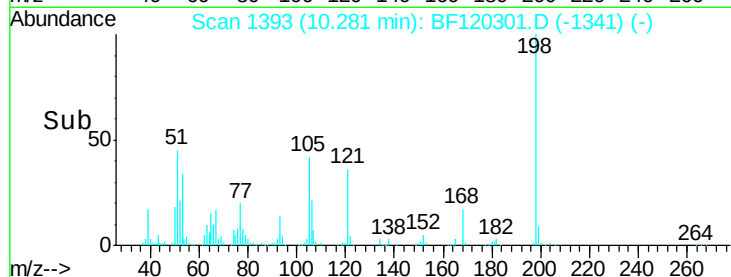
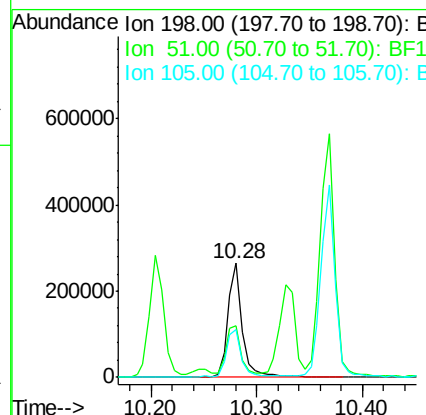
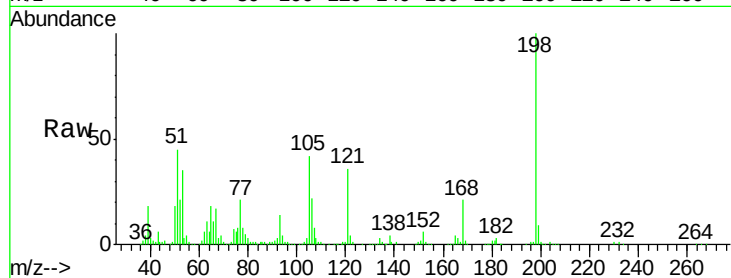




#65
4,6-Dinitro-2-methylphenol
Concen: 38.543 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

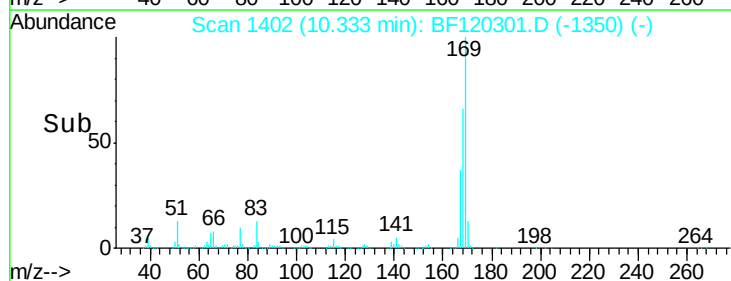
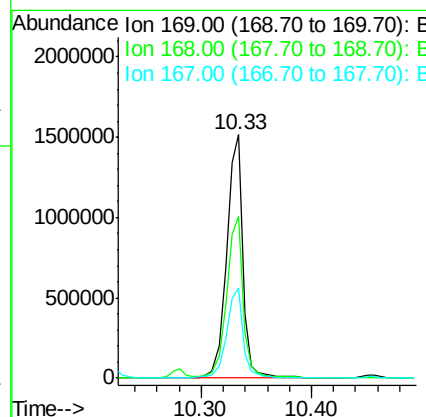
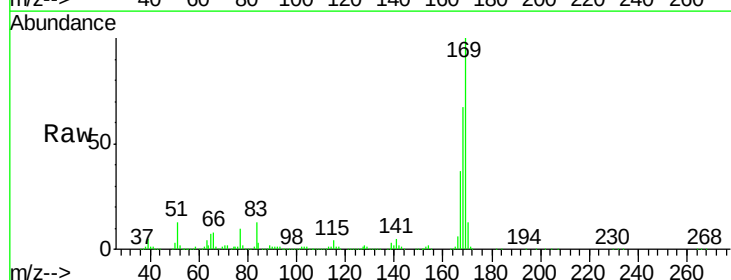
Instrument :
BNA_F
ClientSampleId :

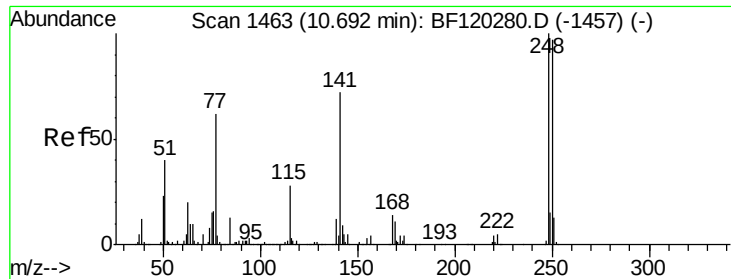
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.4	27.1	67.1
105	41.8	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 42.617 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	36.8	29.8	44.6

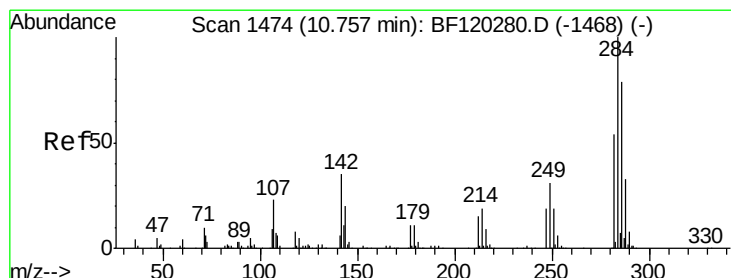
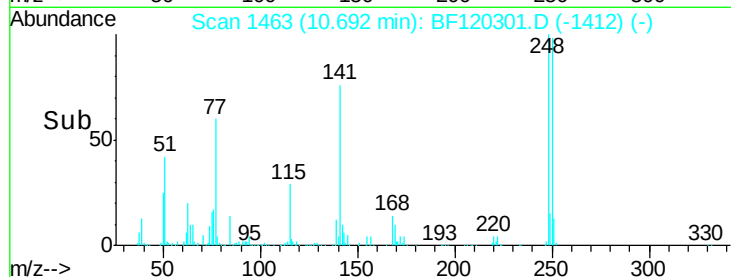
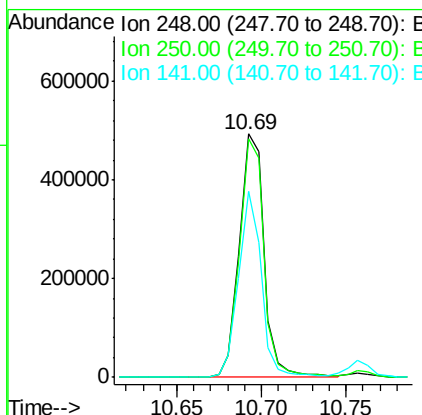
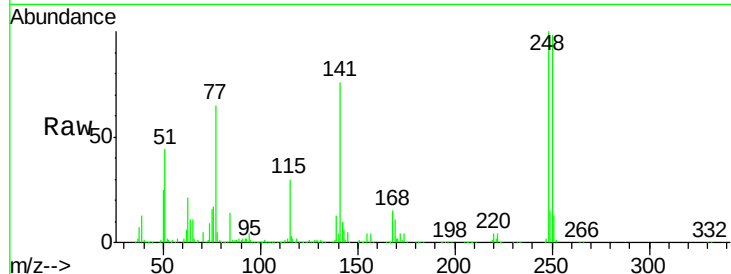




#67
4-Bromophenyl-phenylether
Concen: 39.703 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

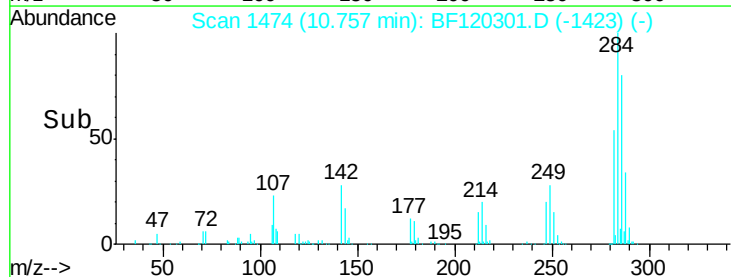
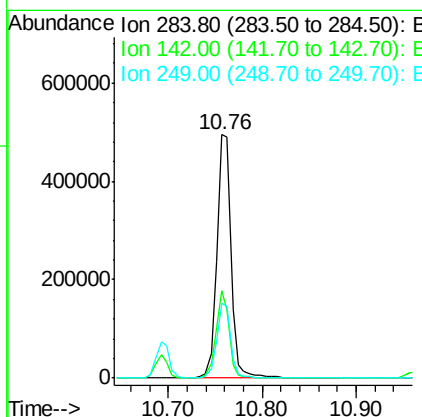
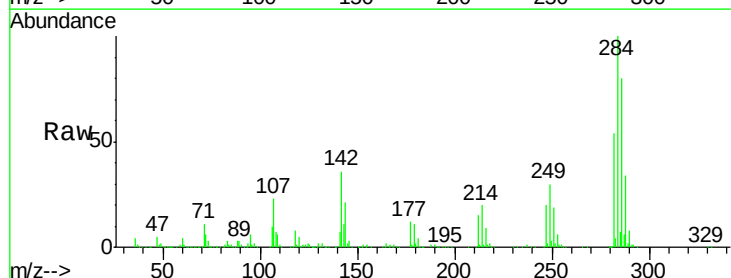
Instrument :
BNA_F
ClientSampleId :

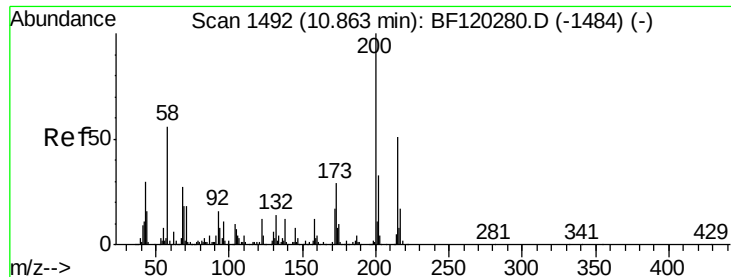
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.8	116.6
141	76.4	57.7	86.5



#68
Hexachlorobenzene
Concen: 39.802 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.5	42.7
249	30.5	24.8	37.2

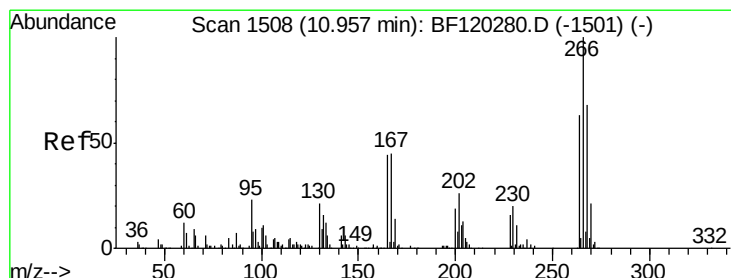
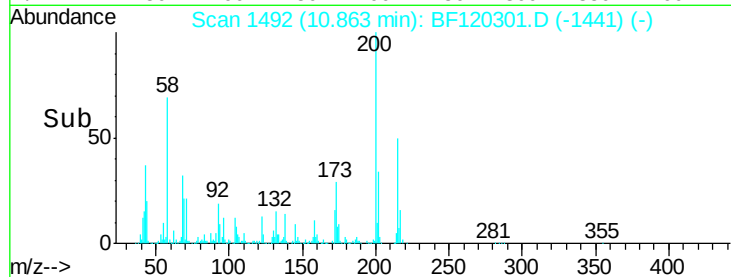
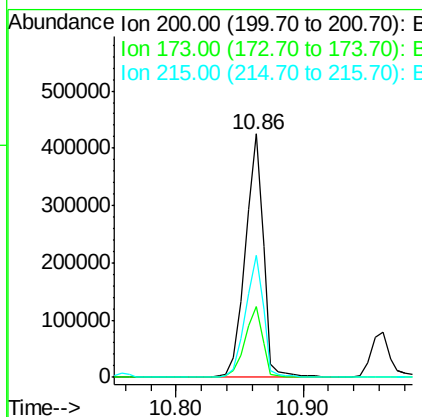
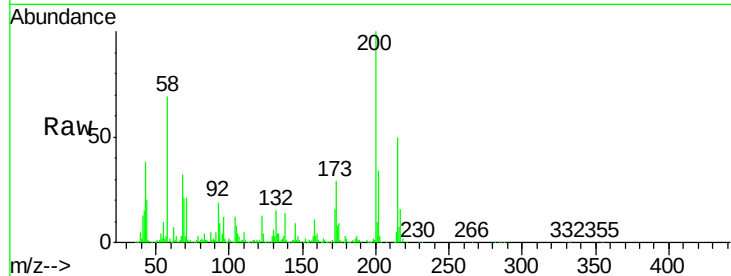




#69
Atrazine
Concen: 38.363 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

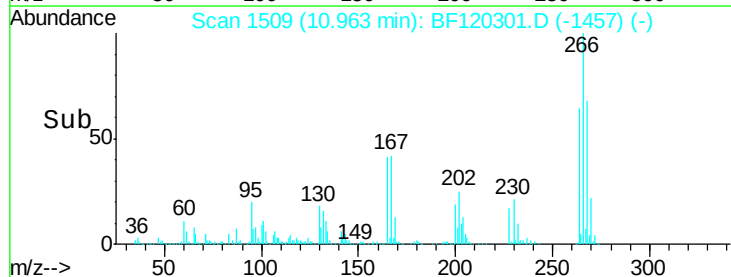
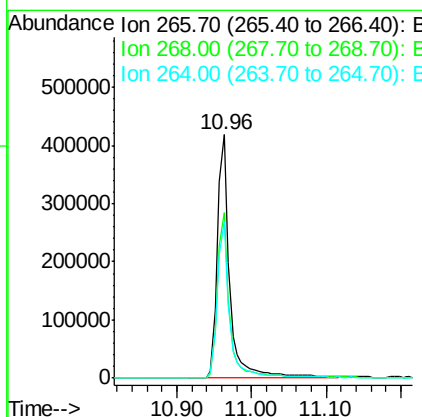
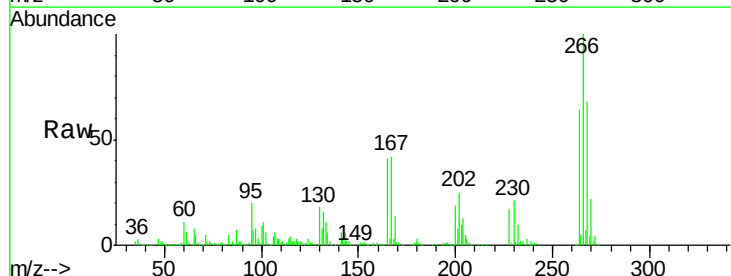
Instrument :
BNA_F
ClientSampled :

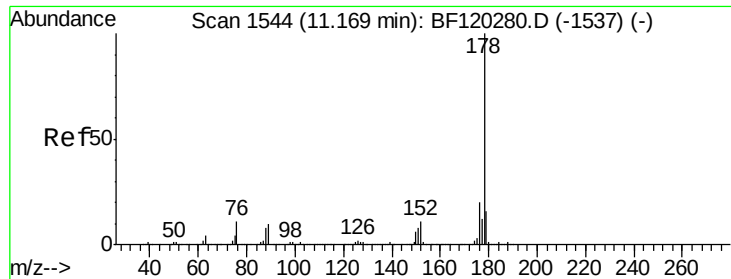
Tot Ion:200 Resp: 417001
Ion Ratio Lower Upper
200 100
173 29.2 8.7 48.7
215 49.9 30.6 70.6



#70
Pentachlorophenol
Concen: 86.123 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:266 Resp: 488263
Ion Ratio Lower Upper
266 100
268 68.1 54.2 81.4
264 64.1 50.2 75.4

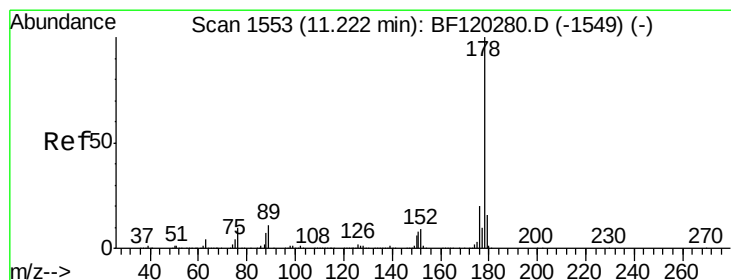
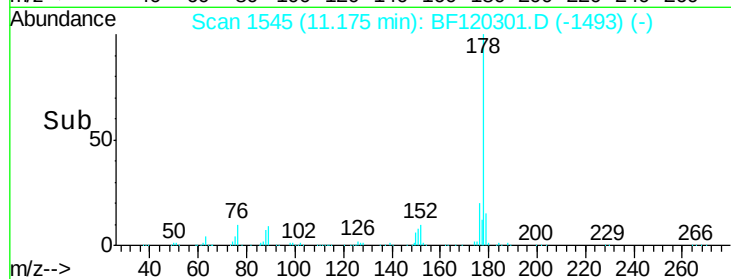
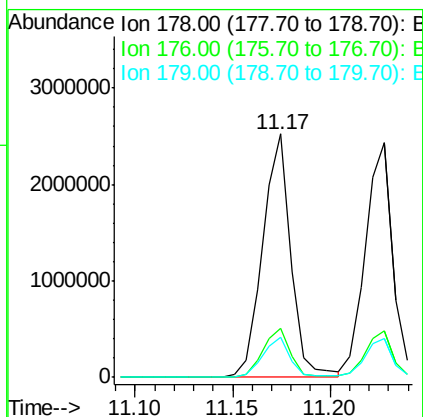
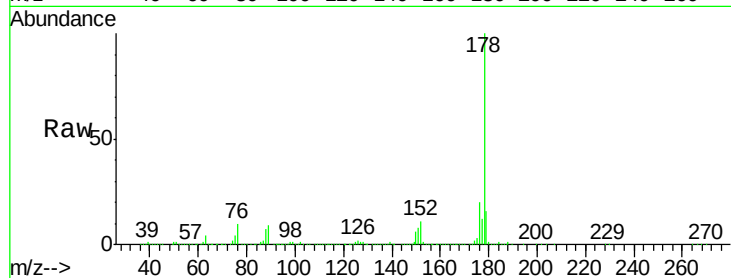




#71
Phenanthrene
Concen: 45.703 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

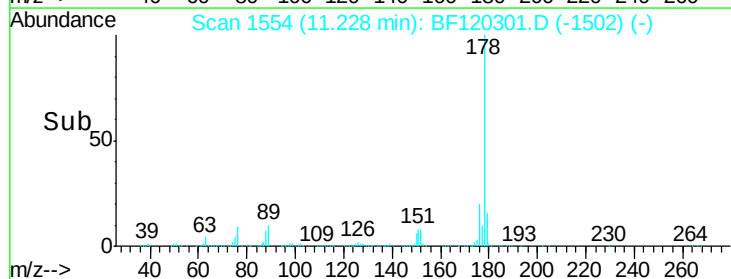
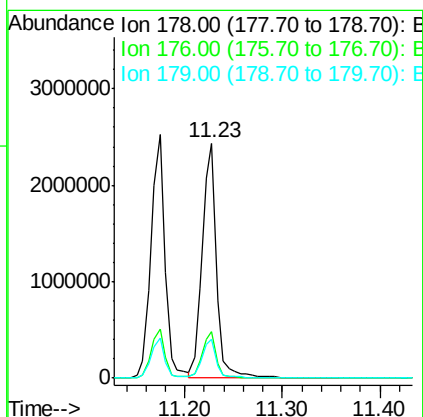
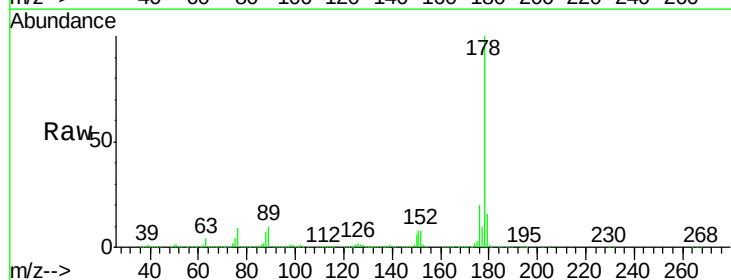
Instrument :
BNA_F
ClientSampleId :

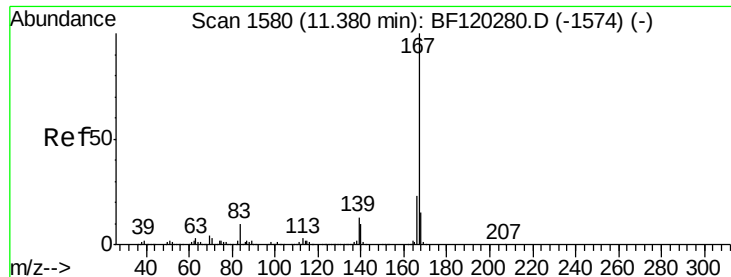
Tot Ion:178 Resp: 2521662
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.2 12.8 19.2



#72
Anthracene
Concen: 41.878 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:178 Resp: 2473607
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.3 13.0 19.6



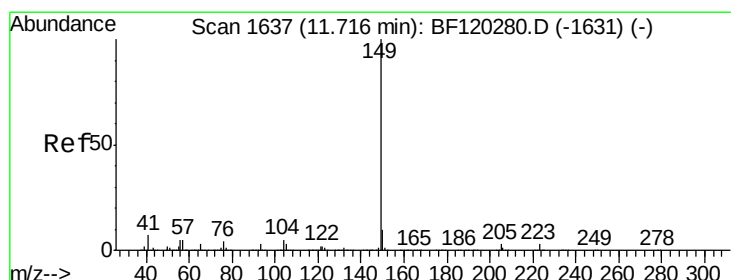
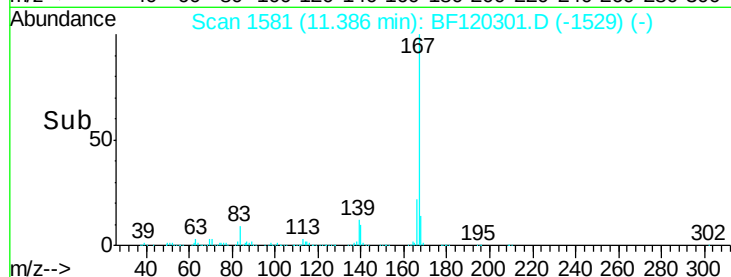
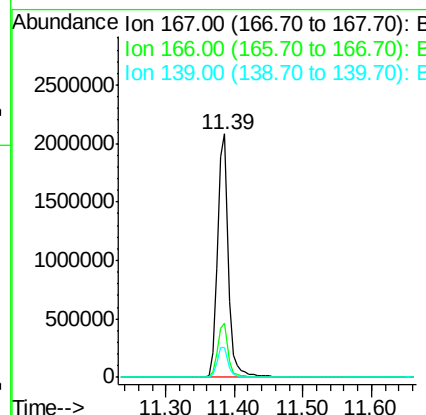
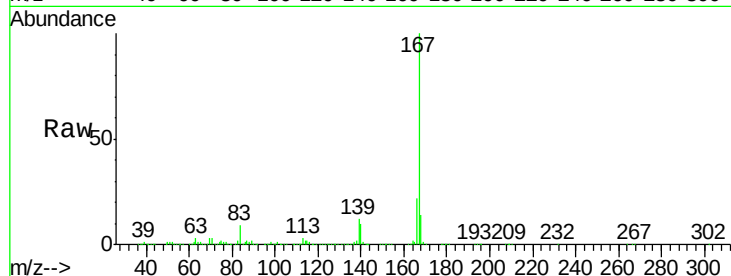


#73
 Carbazole
 Concen: 40.437 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2231680

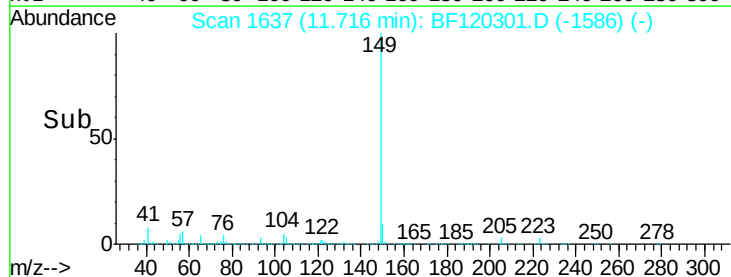
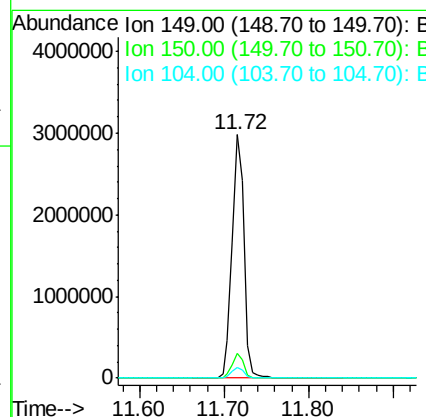
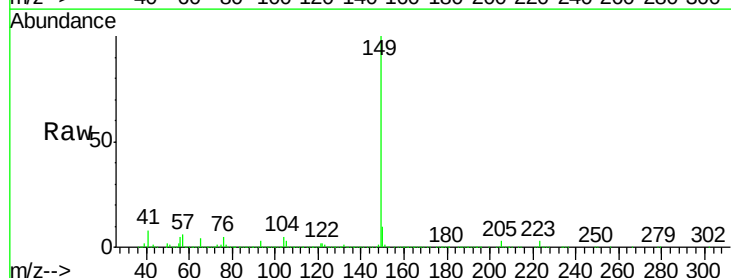
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.5	10.6	15.8

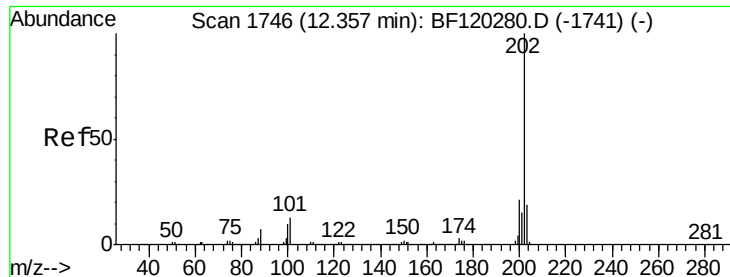


#74
 Di-n-butylphthalate
 Concen: 43.497 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Tgt Ion:149 Resp: 2893146

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.4
104	4.5	3.8	5.8

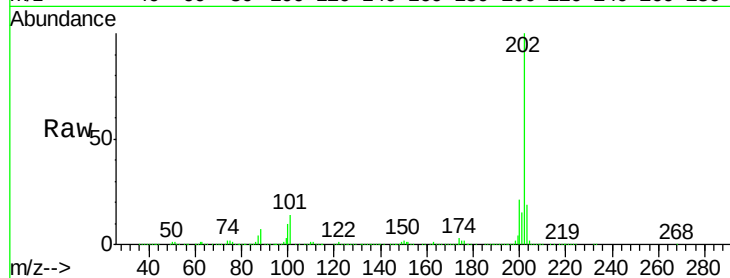




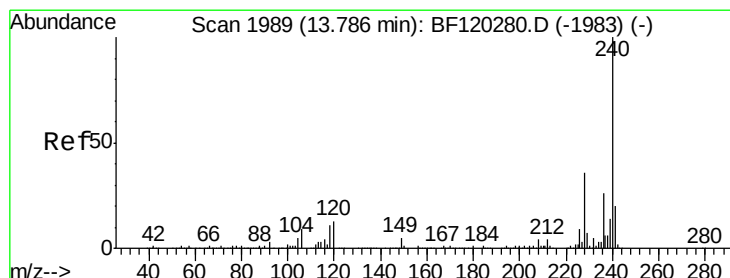
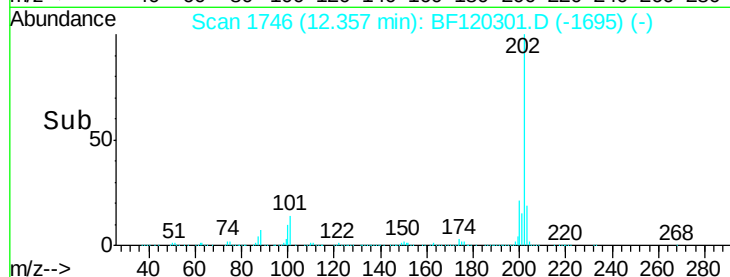
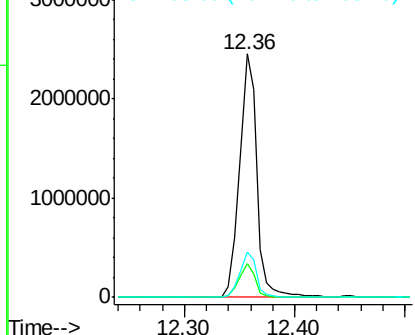
#75
Fluoranthene
Concen: 45.983 ng
RT: 12.36 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2719332
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 18.6 0.0 39.1

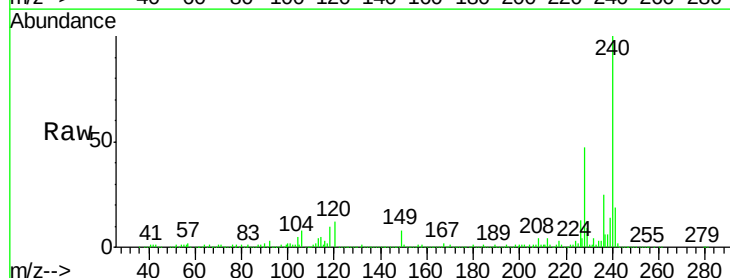


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

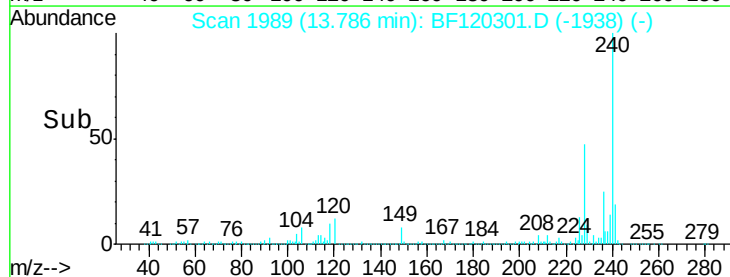
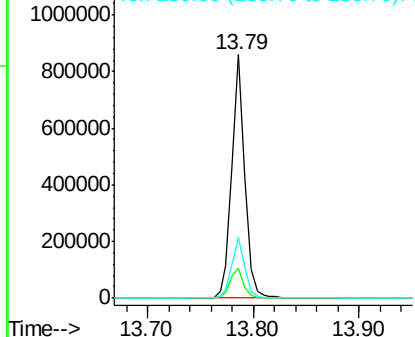


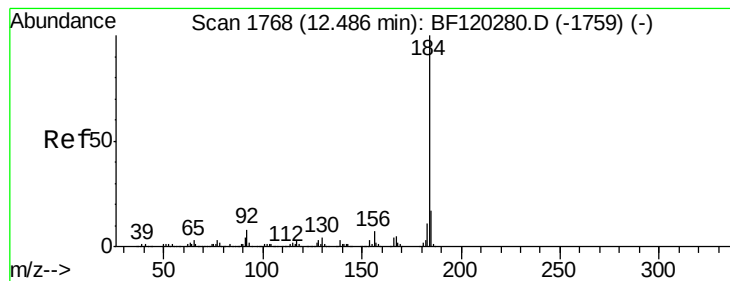
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:240 Resp: 725837
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 24.8 21.0 31.6



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





#77

Benzidine

Concen: 48.010 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

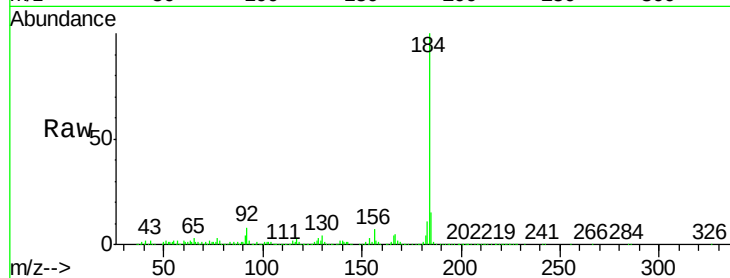
Tot Ion:184 Resp: 1017604

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.7	20.5
183	10.7	8.7	13.1

184 100

185 14.6 13.7 20.5

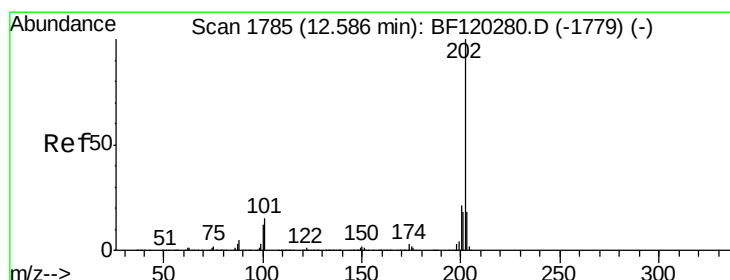
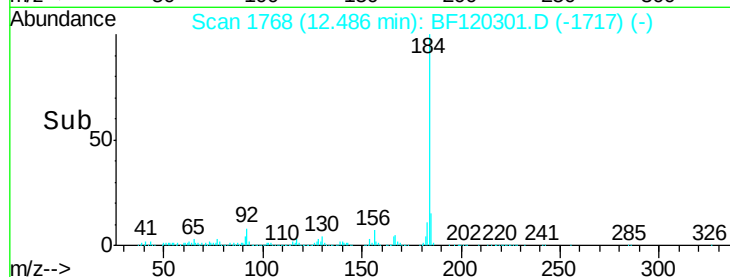
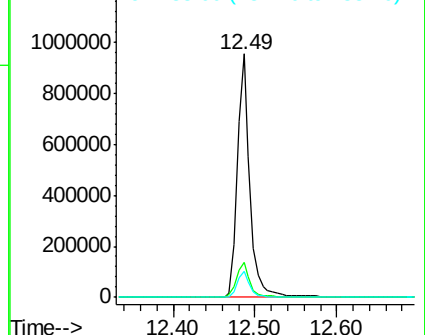
183 10.7 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.271 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

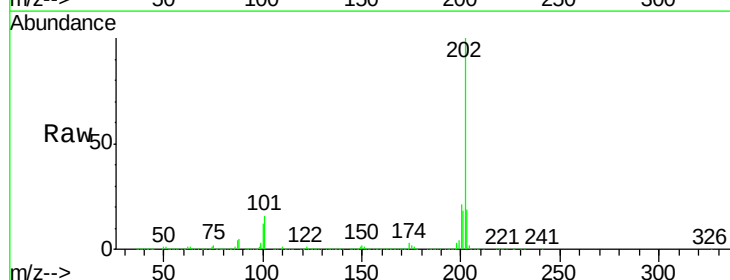
Tgt Ion:202 Resp: 2653008

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.7	14.6	22.0

202 100

200 21.0 16.6 25.0

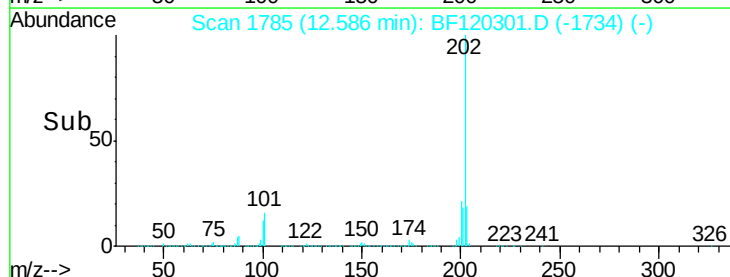
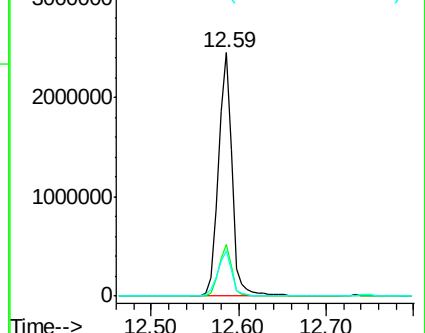
203 18.7 14.6 22.0

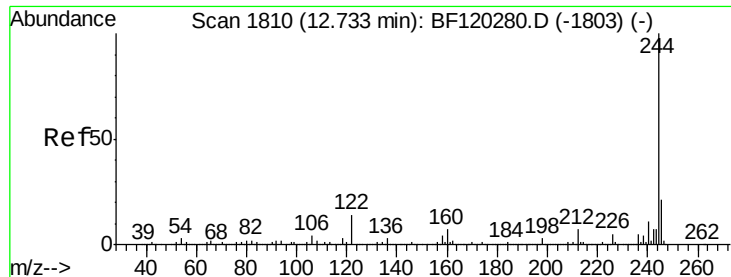


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

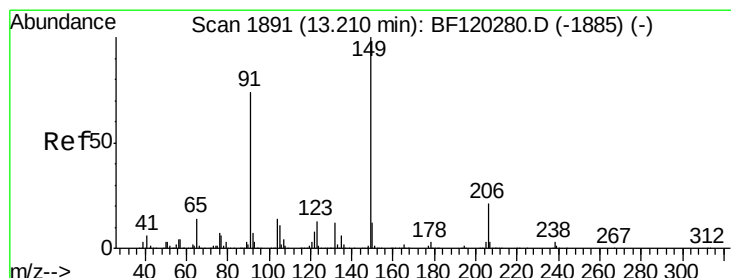
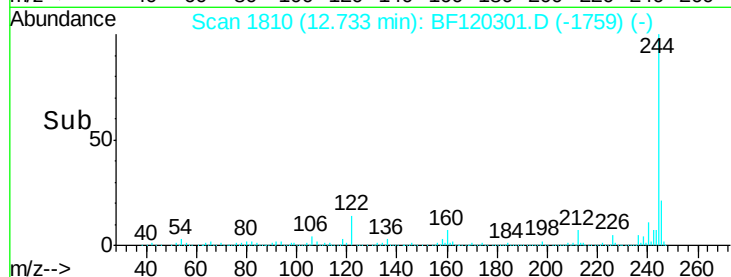
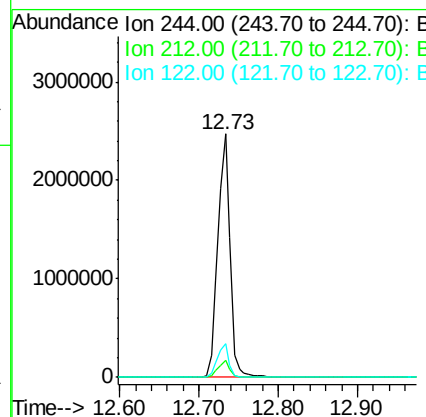
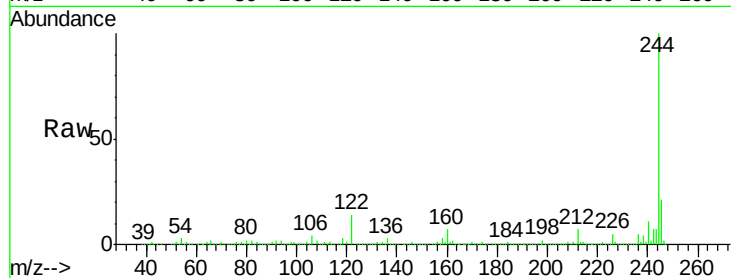




#79
 Terphenyl-d14
 Concen: 81.111 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

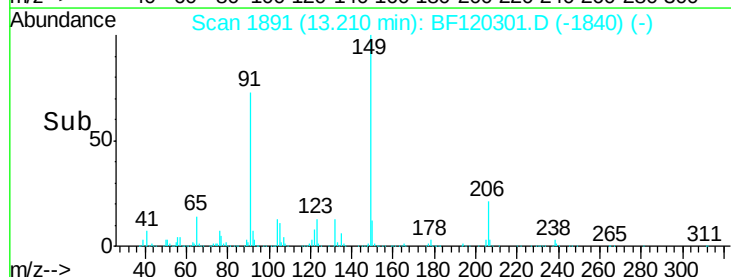
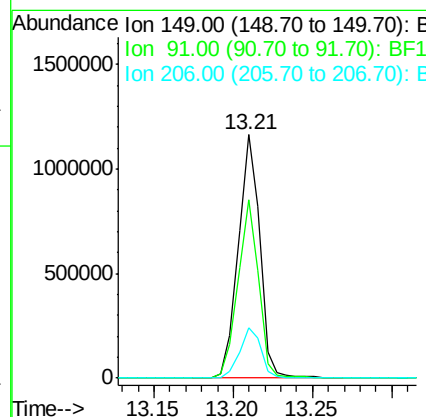
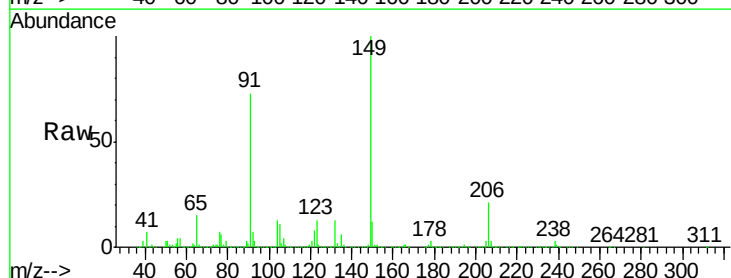
Instrument :
 BNA_F
 ClientSampleId :

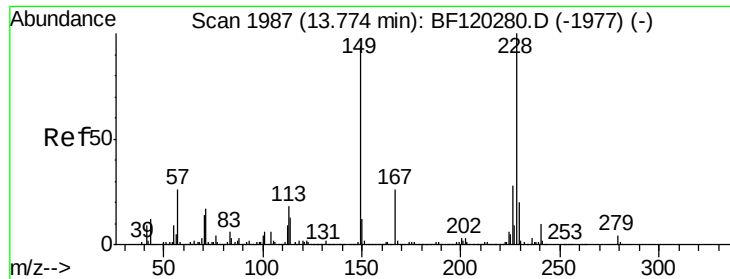
Tot Ion:244 Resp: 2664910
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.6 10.8 16.2



#80
 Butylbenzylphthalate
 Concen: 45.056 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF120301.D
 Acq: 14 May 2020 20:05

Tgt Ion:149 Resp: 1097826
 Ion Ratio Lower Upper
 149 100
 91 73.3 59.0 88.4
 206 20.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 44.240 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

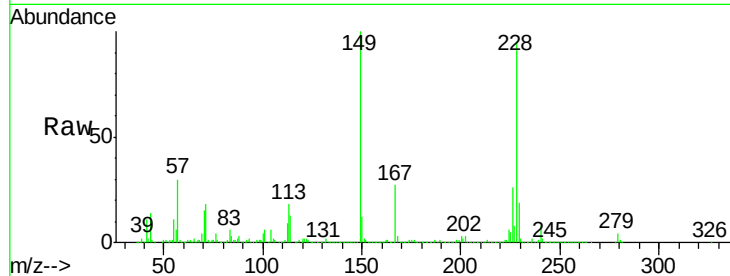
Tot Ion:228 Resp: 1693639

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

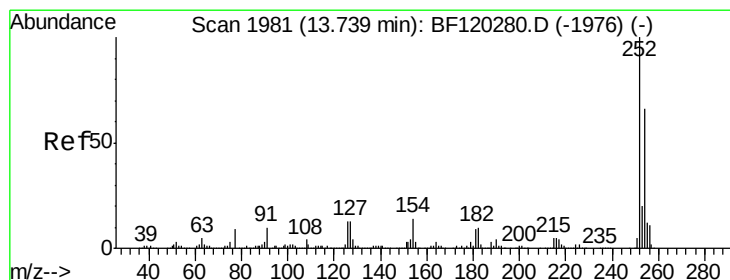
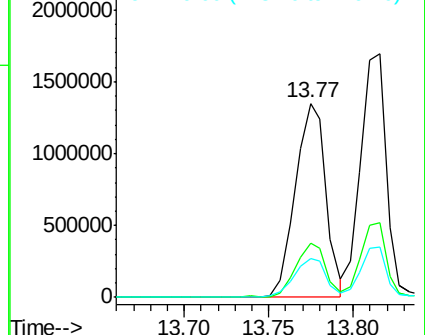
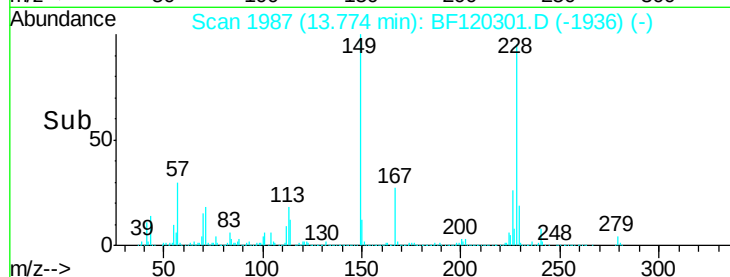
229 19.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.473 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

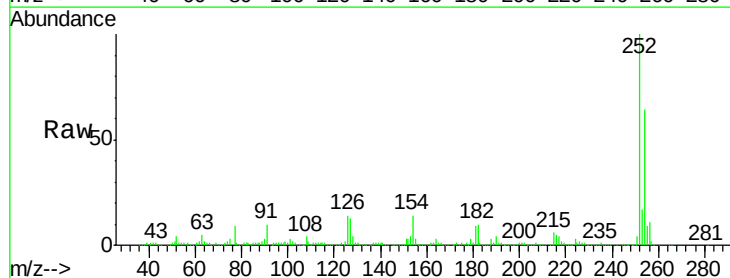
Tgt Ion:252 Resp: 482909

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

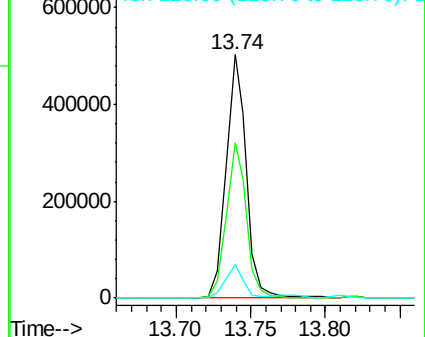
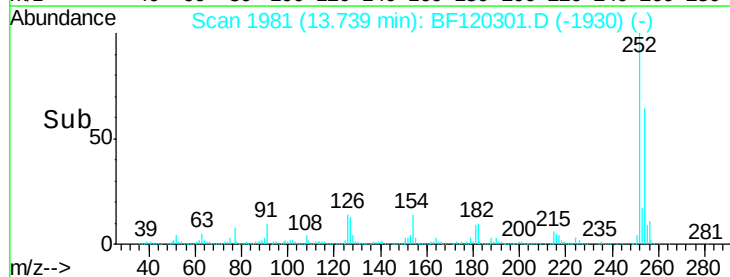
126 13.8 10.7 16.1

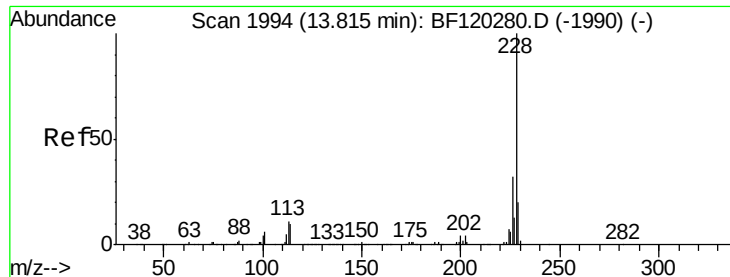


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.521 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

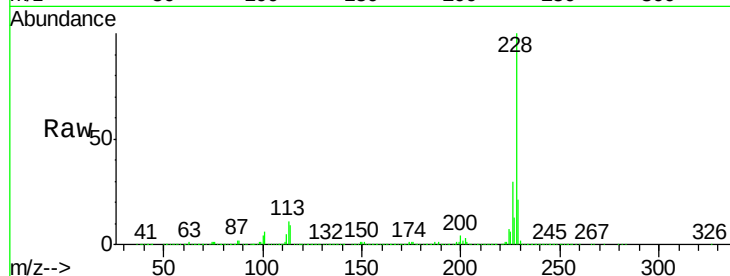
Tot Ion:228 Resp: 1789110

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

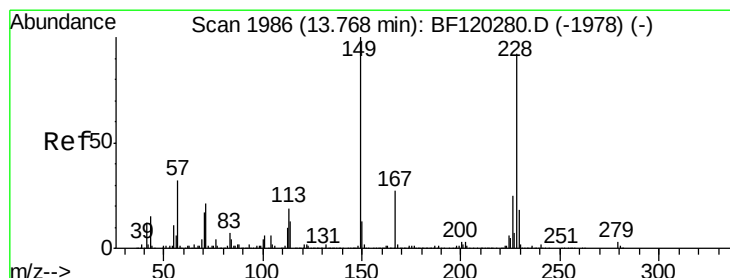
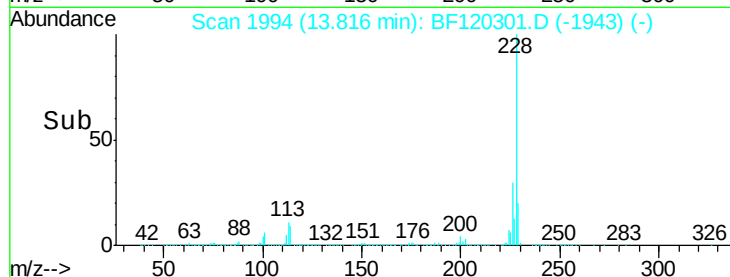
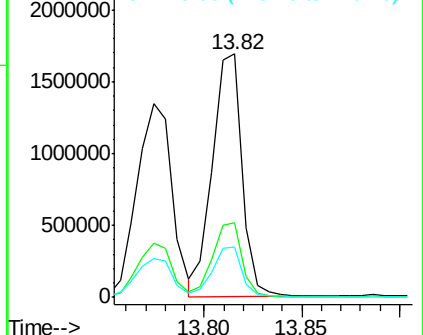
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.061 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

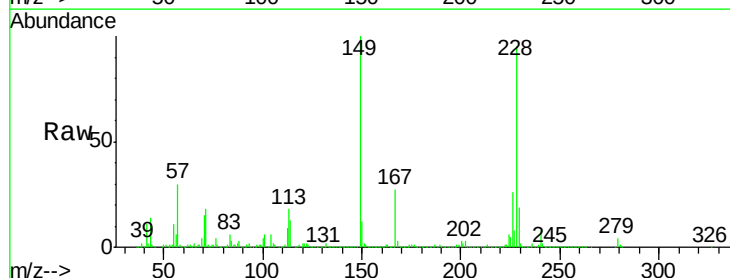
Tgt Ion:149 Resp: 1426644

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

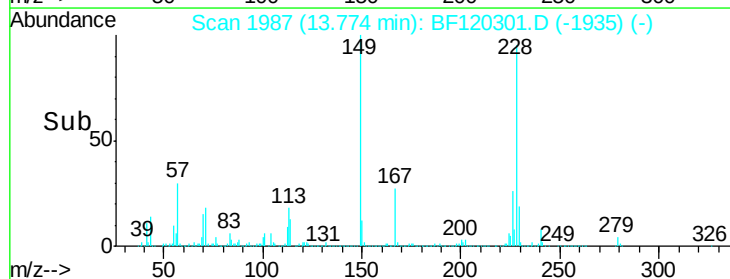
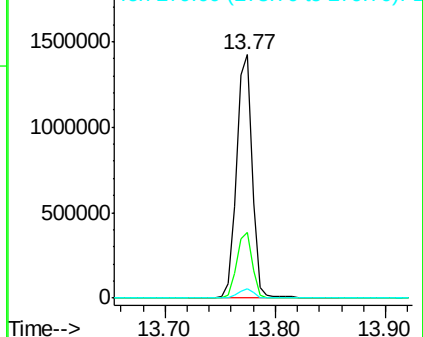
279 3.8 2.8 4.2

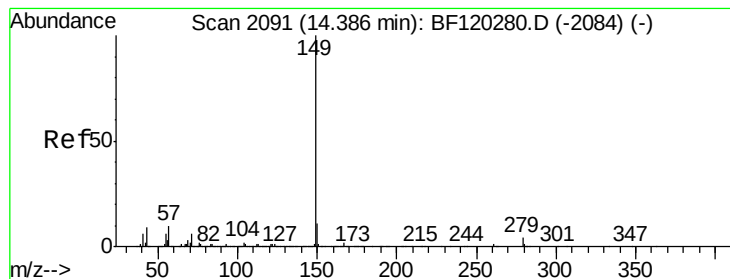


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.434 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Instrument :

BNA_F

ClientSampleId :

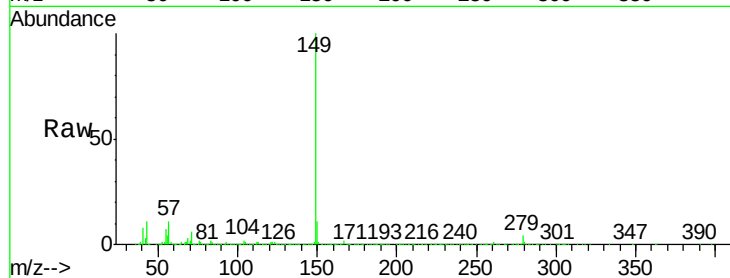
Tot Ion:149 Resp: 2368758

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

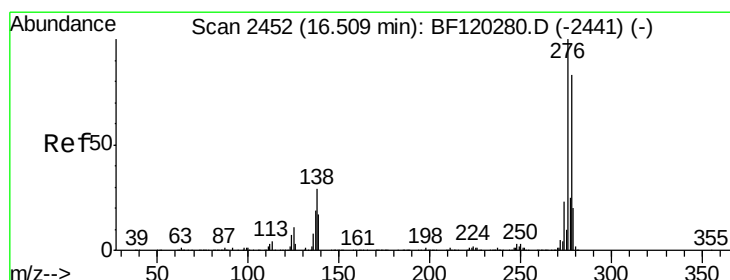
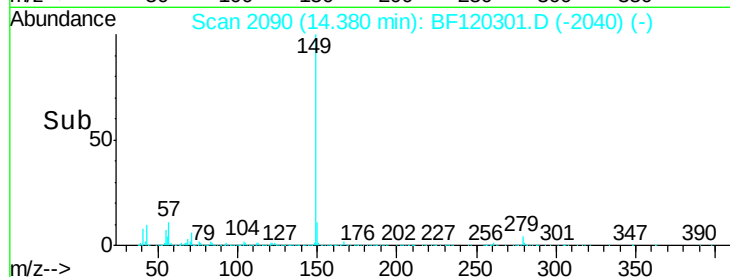
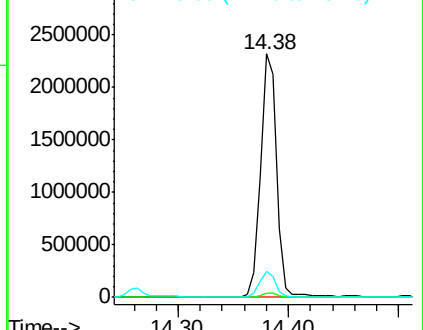
43 10.2 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.981 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

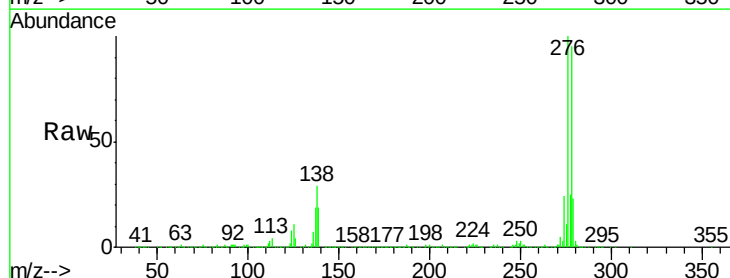
Tgt Ion:276 Resp: 1752884

Ion Ratio Lower Upper

276 100

138 28.4 23.3 34.9

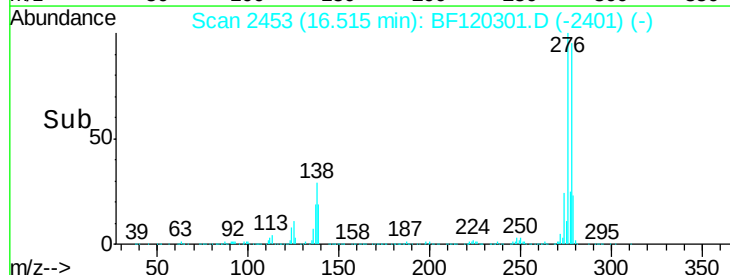
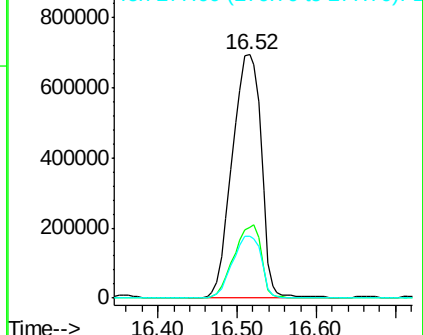
277 25.3 20.2 30.4

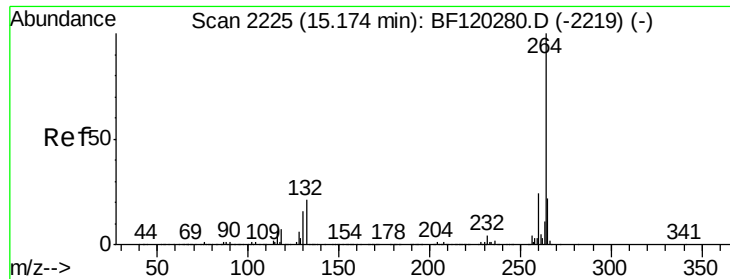


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

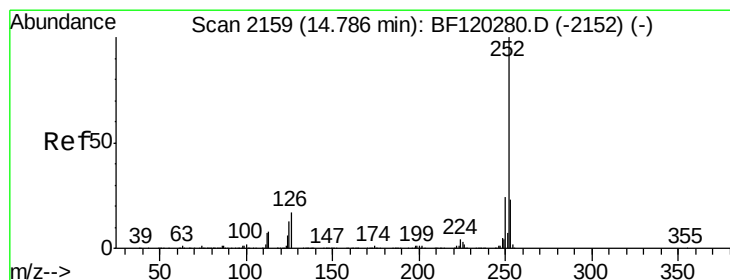
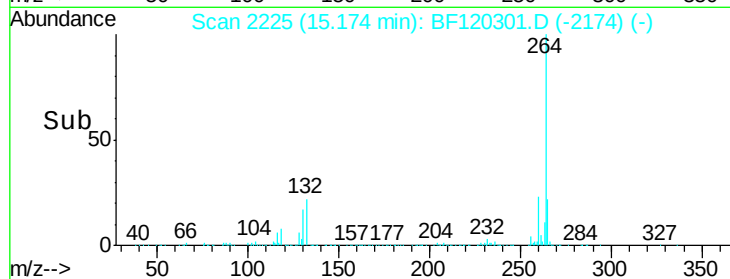
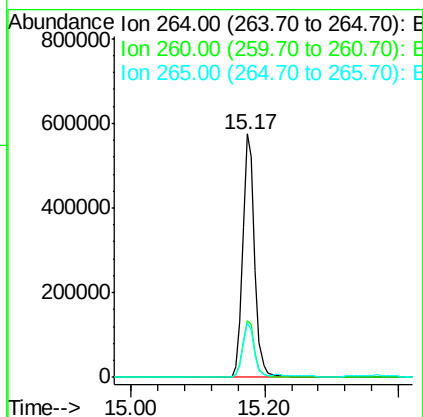
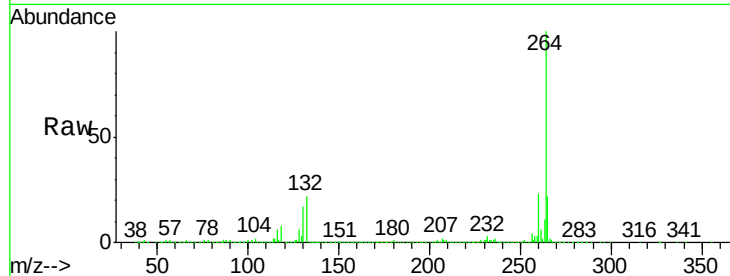




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

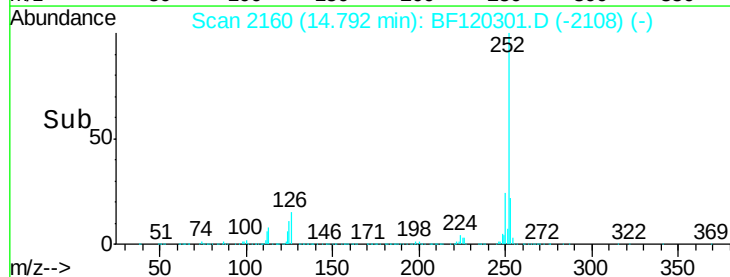
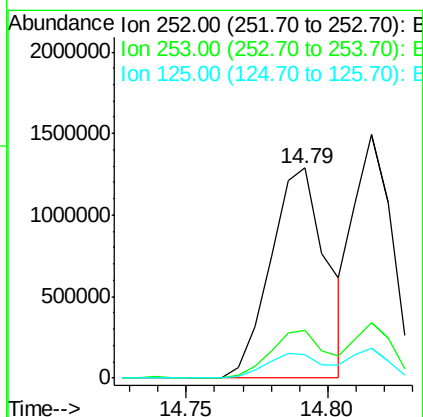
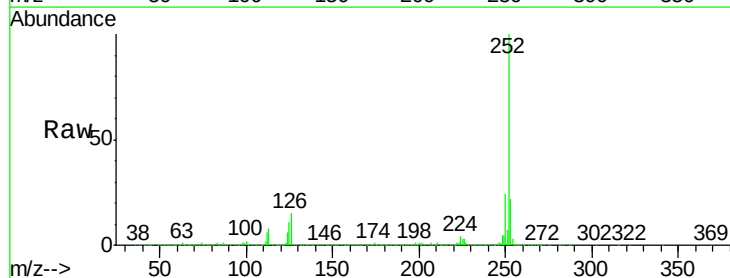
Instrument :
BNA_F
ClientSampleId :

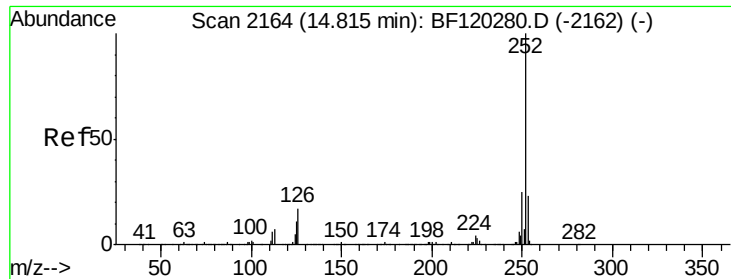
Tot Ion:264 Resp: 716091
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 22.2 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 45.103 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:252 Resp: 1763873
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.2 10.4 15.6

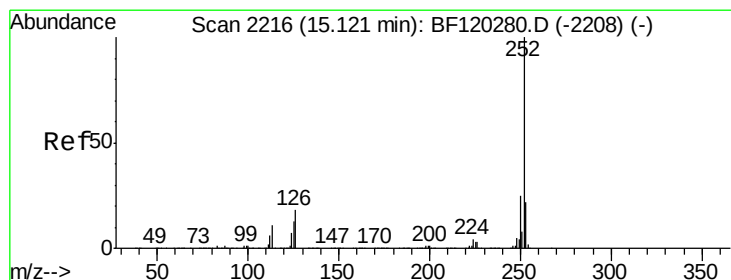
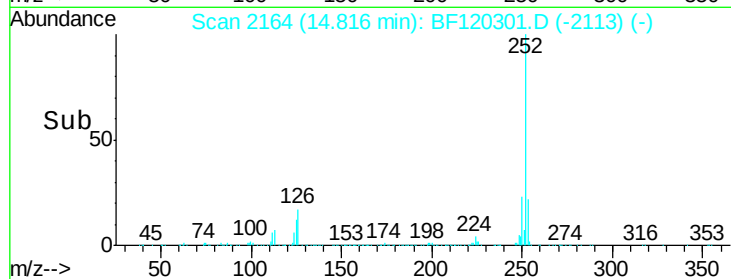
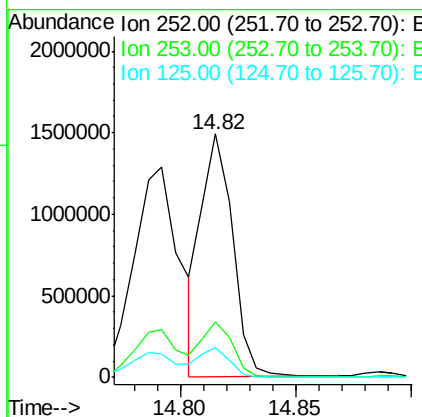
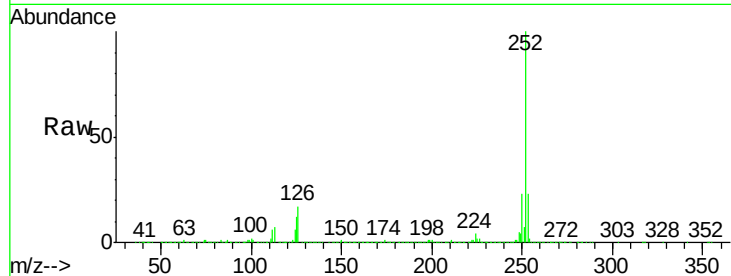




#89
Benzo(k)fluoranthene
Concen: 41.230 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

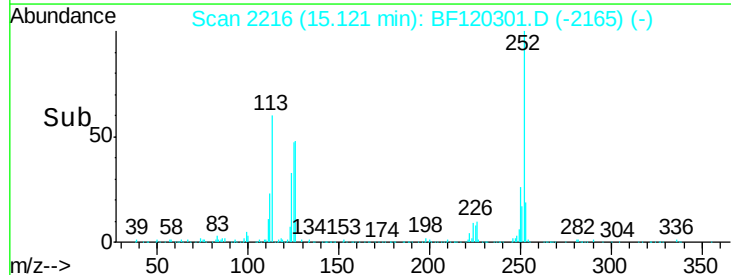
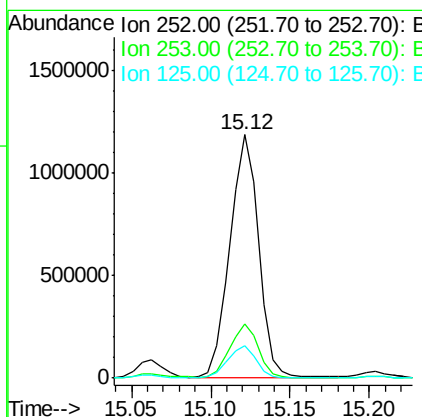
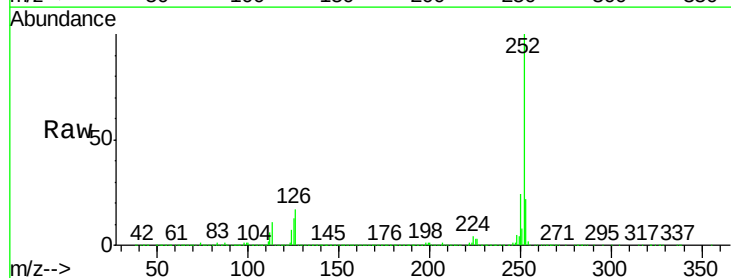
Instrument :
BNA_F
ClientSampleId :

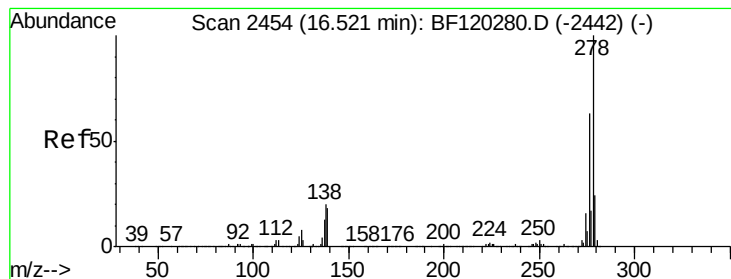
Tot Ion:252 Resp: 1396965
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 42.275 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120301.D
Acq: 14 May 2020 20:05

Tgt Ion:252 Resp: 1482681
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 13.2 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 45.591 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

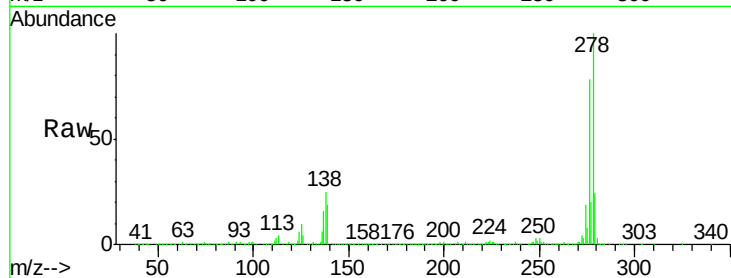
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1416563

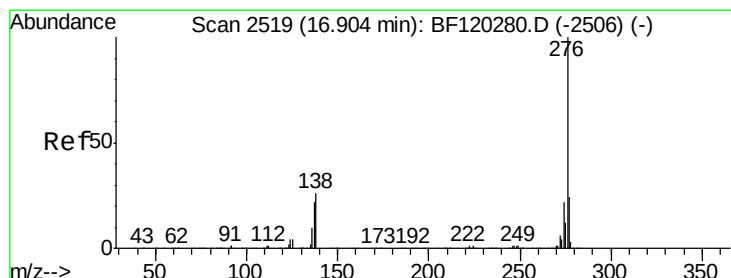
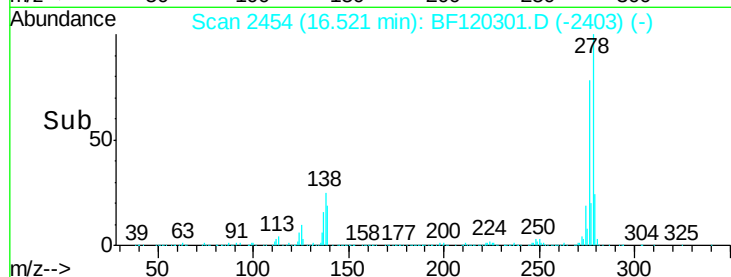
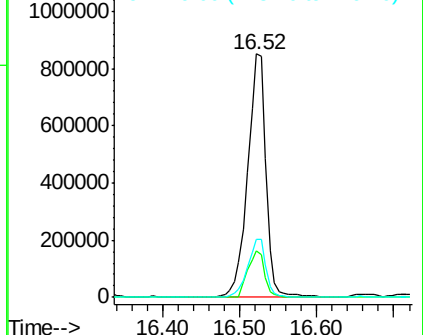
Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.7	22.1
279	24.1	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.884 ng

RT: 16.92 min Scan# 2521

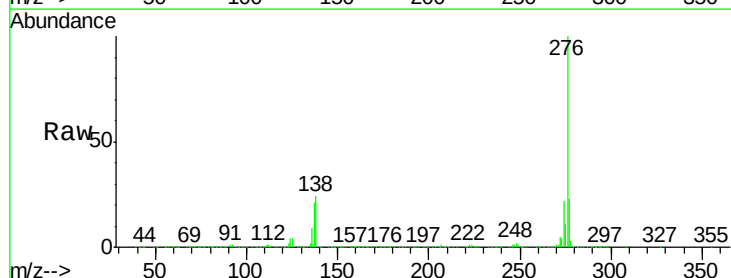
Delta R.T. 0.01 min

Lab File: BF120301.D

Acq: 14 May 2020 20:05

Tgt Ion:276 Resp: 1531618

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	24.5	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

