

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115604.D
 Acq On : 16 Jul 2019 18:24
 Operator : HP/JU
 Sample : K3830-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 05:16:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	175308	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	700221	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	350948	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	616452	20.00	ng	0.00
76) Chrysene-d12	14.04	240	384905	20.00	ng	0.00
87) Perylene-d12	15.52	264	507680	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1380536	128.81	ng	0.01
7) Phenol-d6	6.52	99	1852173	136.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	1204255	100.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	505228	123.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1917318	95.62	ng	0.00
79) Terphenyl-d14	12.99	244	1907040	91.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	204948	38.336	ng	98
3) Pyridine	3.48	79	533219	36.762	ng	99
4) n-Nitrosodimethylamine	3.42	42	224611	42.686	ng	98
6) Aniline	6.55	93	446559	23.596	ng	98
8) 2-Chlorophenol	6.67	128	544168	44.162	ng	97
9) Benzaldehyde	6.43	77	281718	33.150	ng	98
10) Phenol	6.53	94	675723	42.803	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	541227	45.029	ng	100
12) 1,3-Dichlorobenzene	6.83	146	567281	40.947	ng	99
13) 1,4-Dichlorobenzene	6.90	146	579982	41.958	ng	96
14) 1,2-Dichlorobenzene	7.06	146	544400	43.083	ng	97
15) Benzyl Alcohol	7.02	79	493872	45.779	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	734320	46.405	ng	97
17) 2-Methylphenol	7.13	107	480071	45.208	ng	98
18) Hexachloroethane	7.40	117	213573	41.627	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	387977	43.744	ng	97
20) 3+4-Methylphenols	7.29	107	556282	44.102	ng	94
22) Acetophenone	7.29	105	745750	47.143	ng	# 96
24) Nitrobenzene	7.46	77	607433	46.766	ng	96
25) Isophorone	7.70	82	1119315	46.451	ng	100
26) 2-Nitrophenol	7.78	139	309323	46.268	ng	99
27) 2,4-Dimethylphenol	7.82	122	500948	50.079	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	677986	45.863	ng	98
29) 2,4-Dichlorophenol	8.02	162	484817	46.603	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	520678	44.277	ng	98
31) Naphthalene	8.19	128	1558118	45.946	ng	97
32) Benzoic acid	7.87	122	24452	2.979	ng	91
33) 4-Chloroaniline	8.23	127	223304	14.866	ng	98
34) Hexachlorobutadiene	8.31	225	290421	43.066	ng	99
35) Caprolactam	8.60	113	105154	32.710	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	528895	49.011	ng	100
37) 2-Methylnaphthalene	8.88	142	1064779	47.367	ng	97
38) 1-Methylnaphthalene	8.98	142	988484	46.296	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	492154	46.569	ng	98

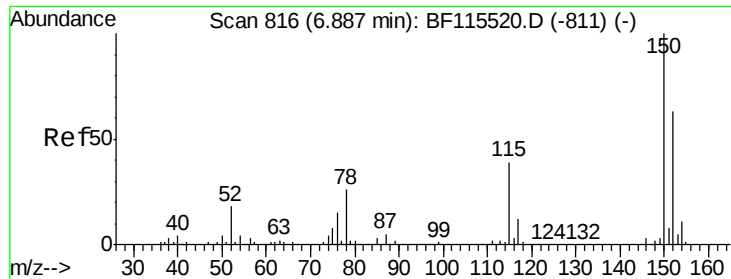
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	292466	48.513	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	346510	44.835	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	363082	45.874	ng	97
46) 1,1'-Biphenyl	9.35	154	1231803	44.896	ng	99
47) 2-Chloronaphthalene	9.37	162	990689	43.365	ng	98
48) 2-Nitroaniline	9.46	65	318759	45.080	ng	96
49) Acenaphthylene	9.79	152	1617508	47.783	ng	99
50) Dimethylphthalate	9.65	163	1591062	60.258	ng	100
51) 2,6-Dinitrotoluene	9.70	165	288625	48.100	ng	99
52) Acenaphthene	9.96	154	965493	44.178	ng	98
53) 3-Nitroaniline	9.87	138	208786	30.448	ng	100
54) 2,4-Dinitrophenol	9.97	184	60020	19.482	ng	94
55) Dibenzofuran	10.13	168	1377461	44.382	ng	99
56) 4-Nitrophenol	10.03	139	459283	87.835	ng	98
57) 2,4-Dinitrotoluene	10.11	165	375721	48.330	ng	# 87
58) Fluorene	10.47	166	972826	43.846	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	299380	45.249	ng	99
60) Diethylphthalate	10.35	149	1117241	45.160	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	499810	40.621	ng	99
62) 4-Nitroaniline	10.49	138	268067	40.755	ng	100
63) Azobenzene	10.62	77	1075845	44.833	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	92687	24.609	ng	96
66) n-Nitrosodiphenylamine	10.58	169	952813	49.689	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	339671	48.217	ng	98
68) Hexachlorobenzene	11.02	284	365653	45.451	ng	# 91
69) Atrazine	11.10	200	320656	50.973	ng	98
70) Pentachlorophenol	11.22	266	359900	73.144	ng	99
71) Phenanthrene	11.43	178	1684323	53.303	ng	98
72) Anthracene	11.49	178	1496325	45.821	ng	100
73) Carbazole	11.63	167	1381096	48.228	ng	100
74) Di-n-butylphthalate	11.97	149	1677120	47.545	ng	99
75) Fluoranthene	12.62	202	1786054	53.488	ng	98
77) Benzidine	12.73	184	570245	41.821	ng	100
78) Pyrene	12.85	202	1755087	53.820	ng	98
80) Butylbenzylphthalate	13.46	149	604523	43.485	ng	99
81) Benzo(a)anthracene	14.03	228	1308516	51.602	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	339472	37.658	ng	97
83) Chrysene	14.07	228	1439722	56.558	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	813638	47.250	ng	98
85) Di-n-octyl phthalate	14.63	149	1471853	53.721	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1357597	62.774	ng	99
88) Benzo(b)fluoranthene	15.09	252	1685194	51.550	ng	99
89) Benzo(k)fluoranthene	15.12	252	1335829	45.833	ng	99
90) Benzo(a)pyrene	15.46	252	1381230	49.159	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	1069516	43.359	ng	99
92) Benzo(g,h,i)perylene	17.45	276	1102583	44.820	ng	99

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

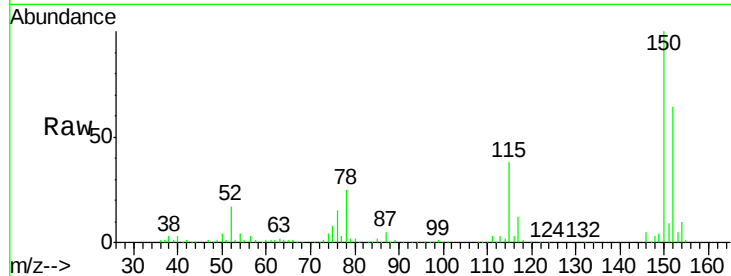


#1

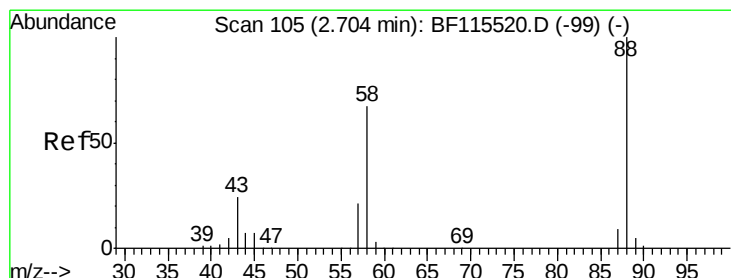
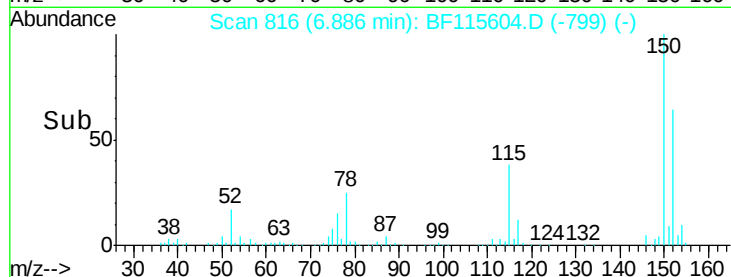
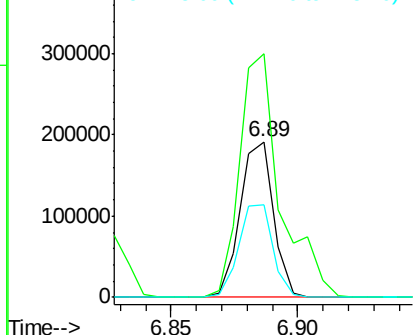
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175308
Ion Ratio Lower Upper
152 100
150 156.7 129.7 194.5
115 59.2 48.2 72.4



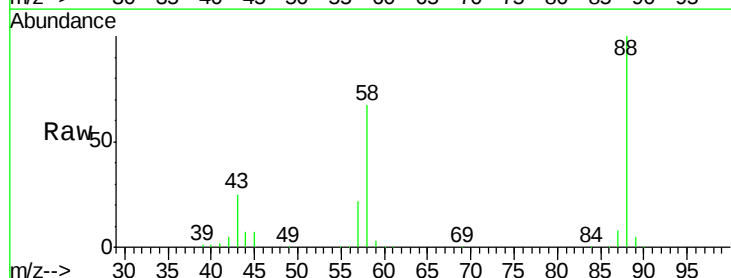
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



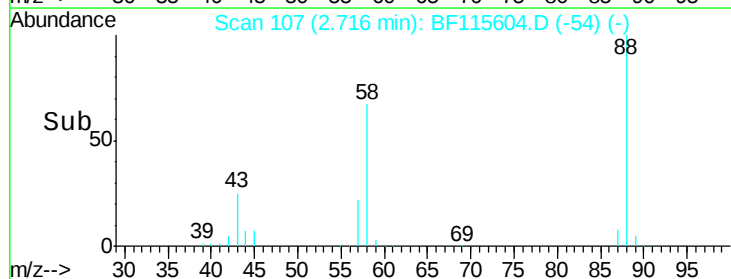
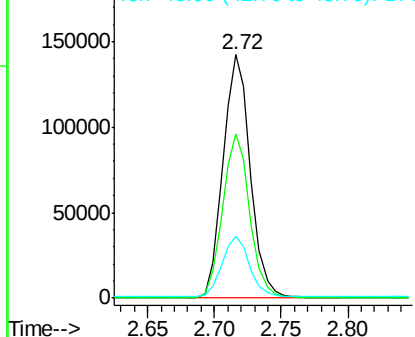
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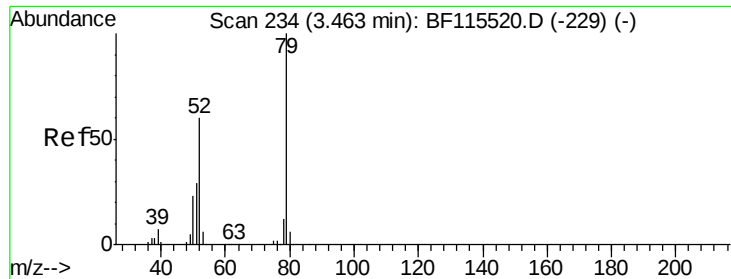
1,4-Dioxane
Concen: 38.336 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion: 88 Resp: 204948
Ion Ratio Lower Upper
88 100
58 66.9 52.6 79.0
43 24.9 19.1 28.7



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





#3

Pvridine

Concen: 36.762 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampled :

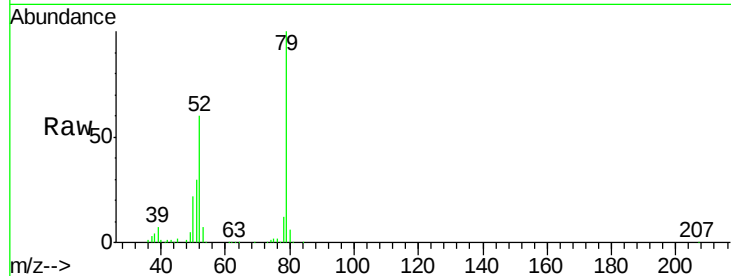
Tot Ion: 79 Resp: 533219

Ion Ratio Lower Upper

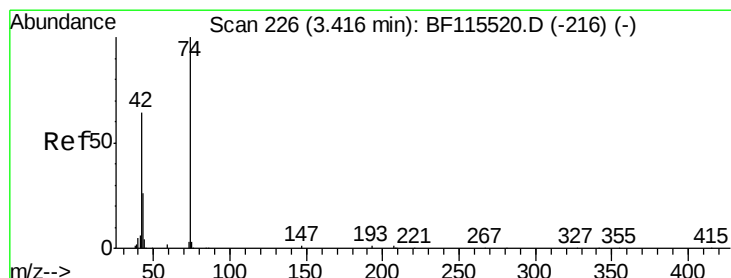
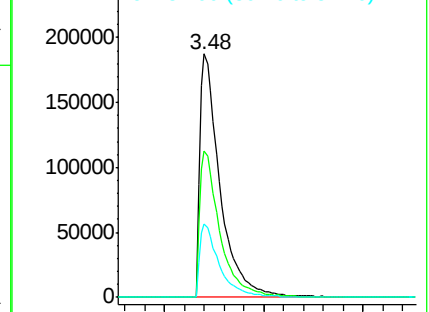
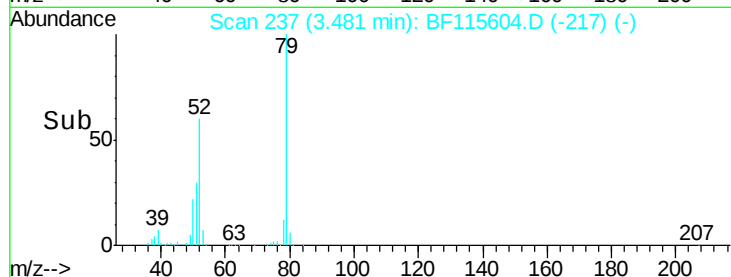
79 100

52 60.4 47.8 71.6

51 29.9 23.8 35.8



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: 42.686 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

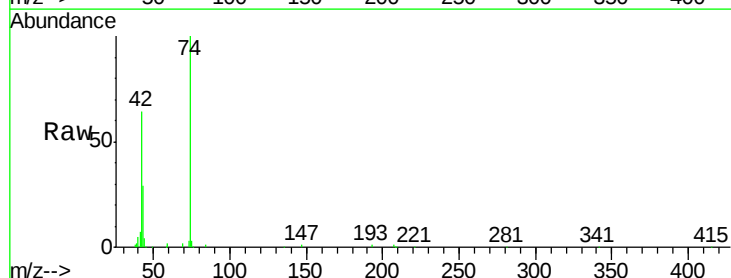
Tgt Ion: 42 Resp: 224611

Ion Ratio Lower Upper

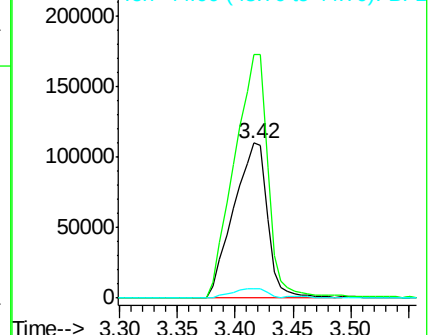
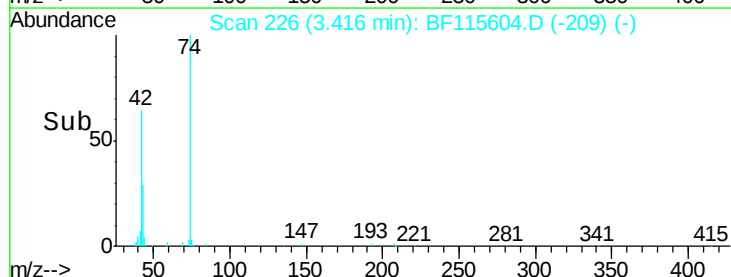
42 100

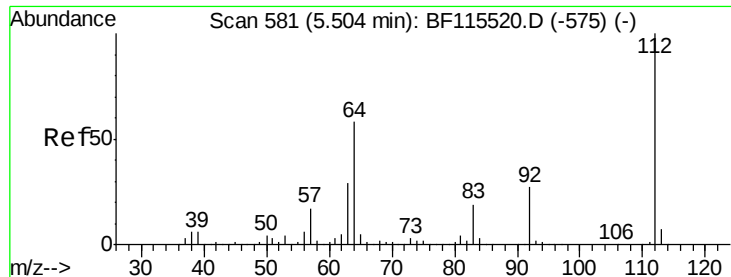
74 157.2 127.5 191.3

44 6.2 5.0 7.6



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: 128.811 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :

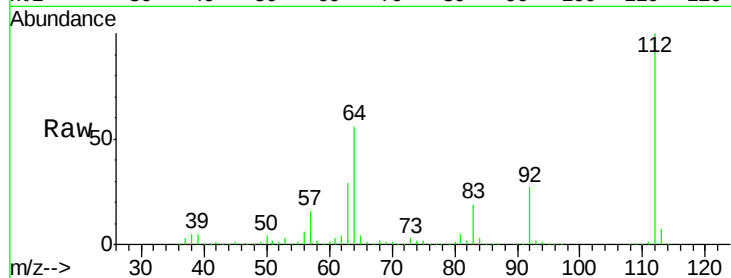
Tot Ion: 112 Resp: 1380536

Ion Ratio Lower Upper

112 100

64 55.8 46.8 70.2

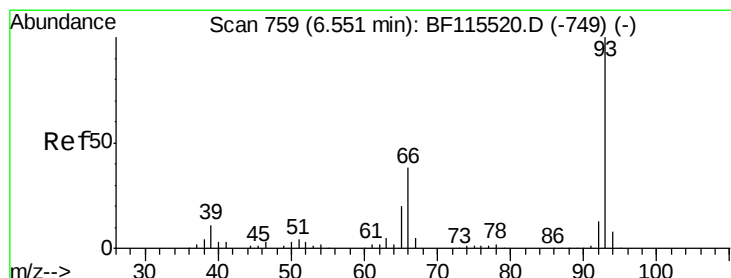
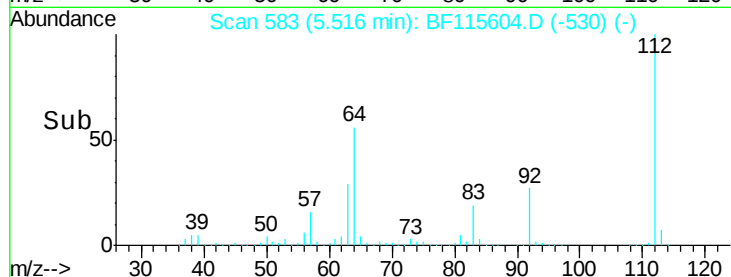
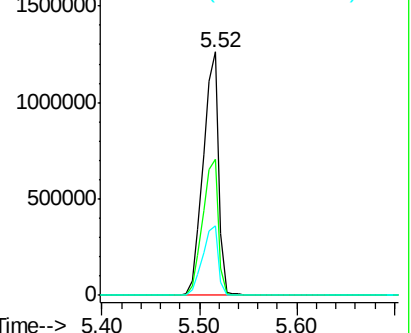
63 28.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.596 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

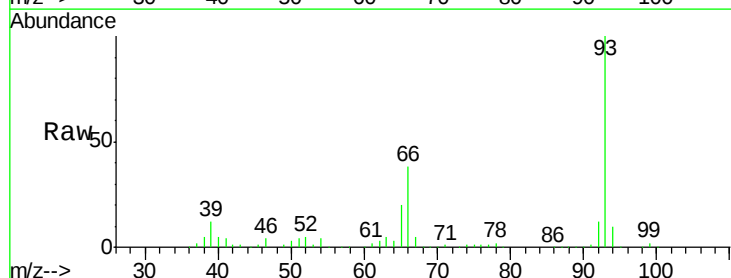
Tgt Ion: 93 Resp: 446559

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

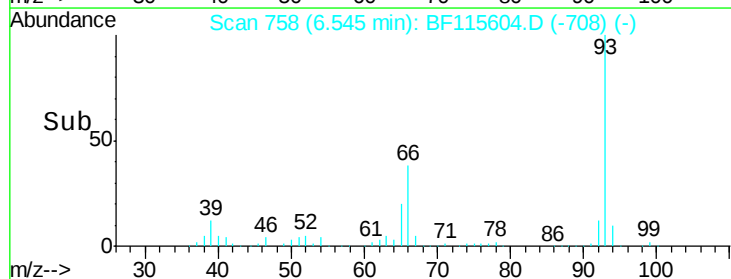
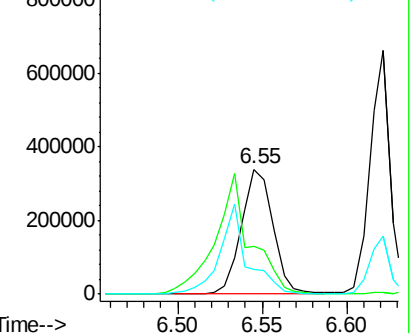
65 20.0 16.2 24.2

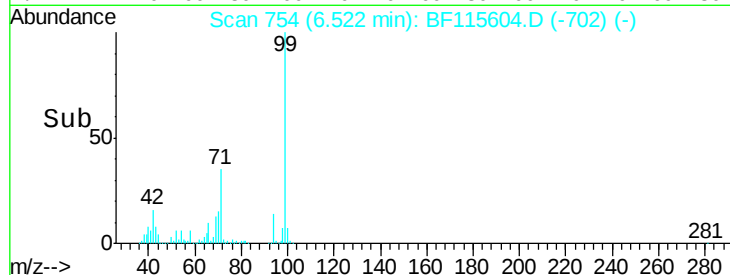
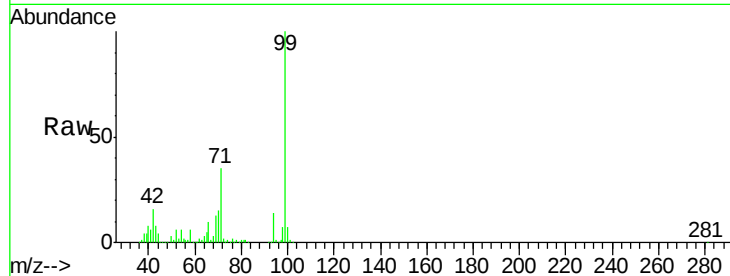
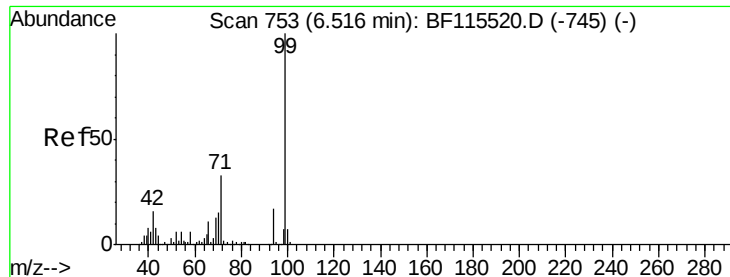


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.196 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

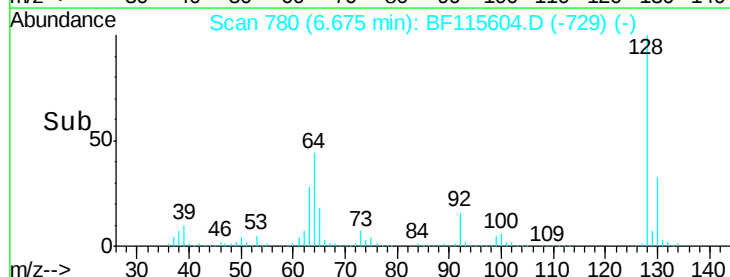
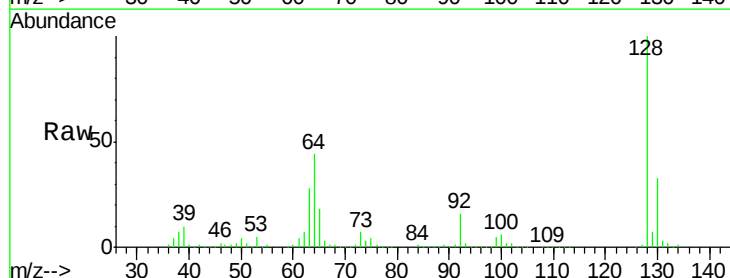
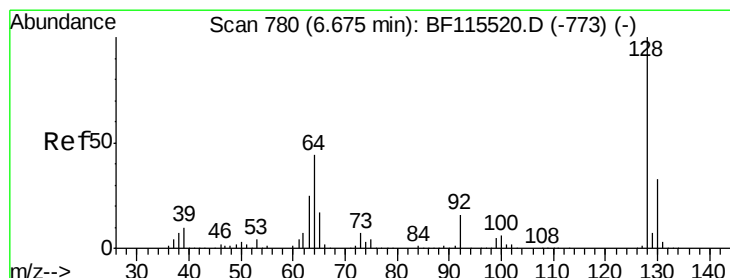
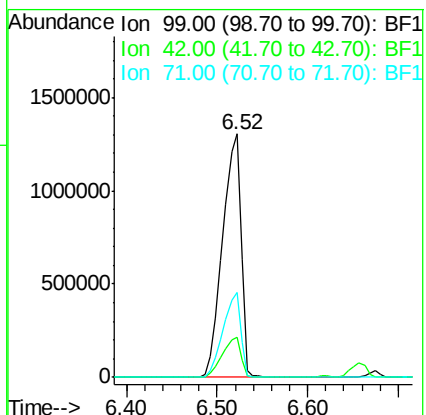
Tot Ion: 99 Resp: 1852173

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 34.7 28.5 42.7



#8

2-Chlorophenol

Concen: 44.162 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

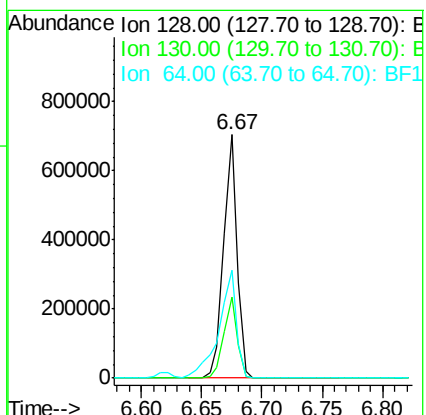
Tgt Ion: 128 Resp: 544168

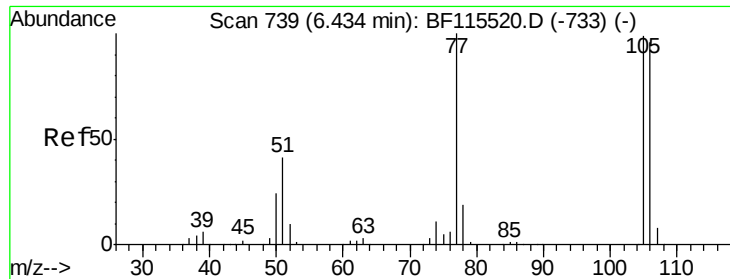
Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 44.1 26.8 66.8





#9

Benzaldehyde

Concen: 33.150 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

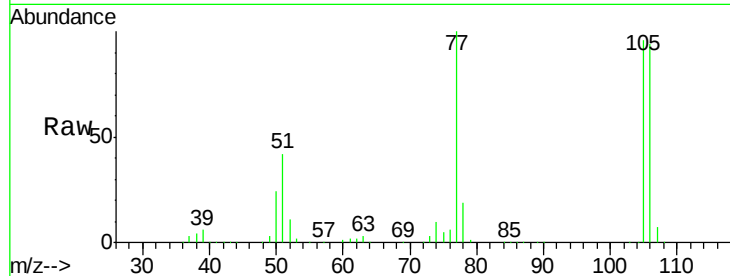
Tot Ion: 77 Resp: 281718

Ion Ratio Lower Upper

77 100

105 95.8 78.8 118.8

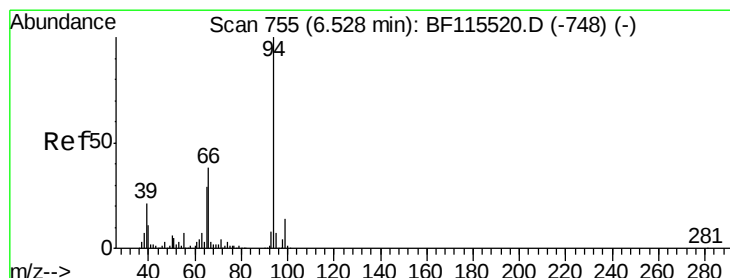
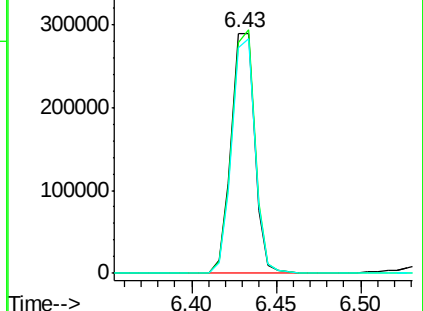
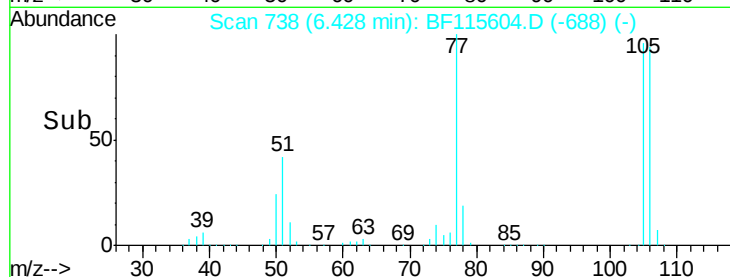
106 93.9 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.803 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

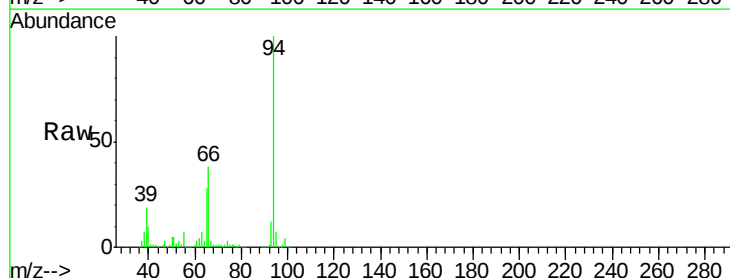
Tgt Ion: 94 Resp: 675723

Ion Ratio Lower Upper

94 100

65 28.4 14.5 54.5

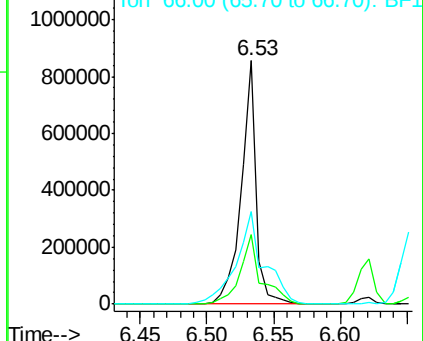
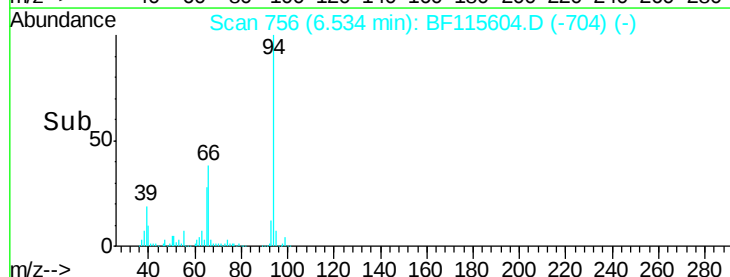
66 38.2 31.3 71.3

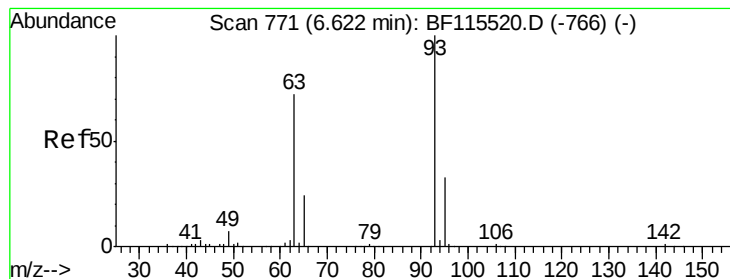


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

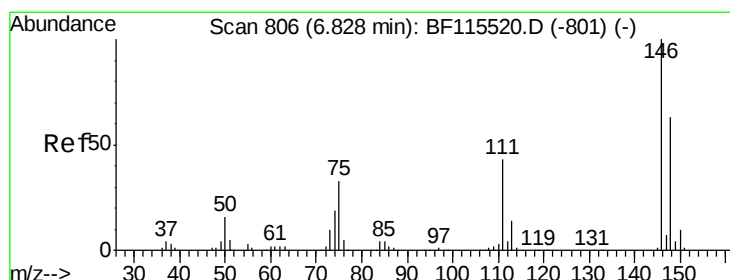
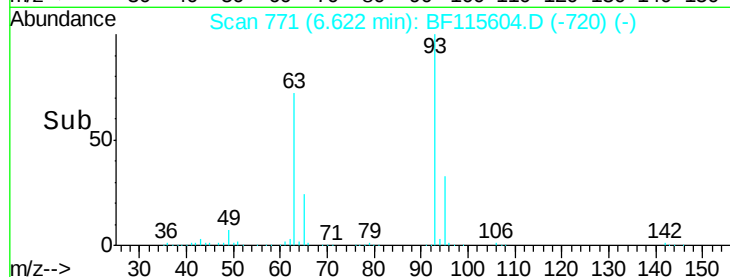
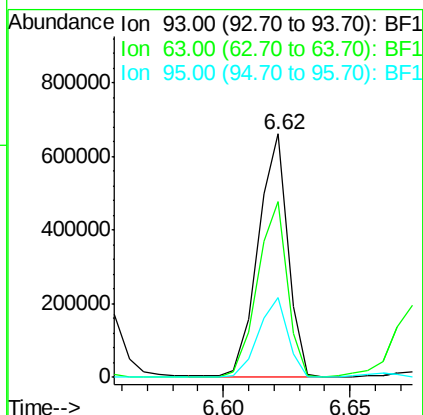
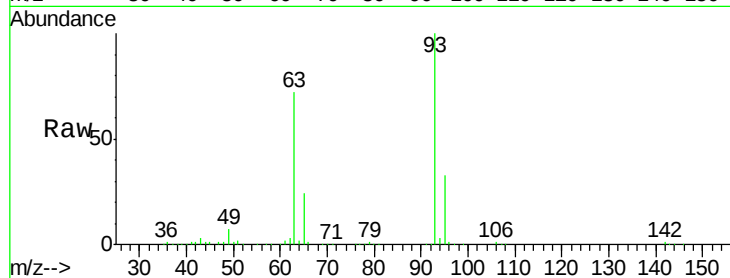




#11
 bis(2-Chloroethyl)ether
 Concen: 45.029 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

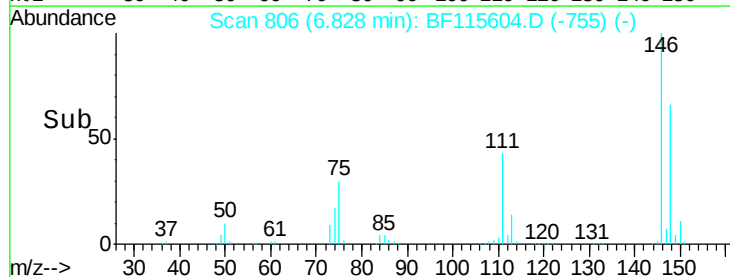
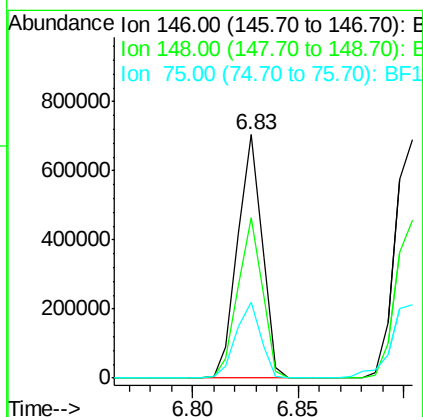
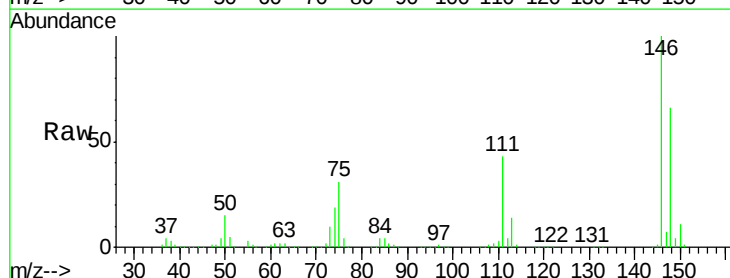
Instrument :
 BNA_F
 ClientSampleId :

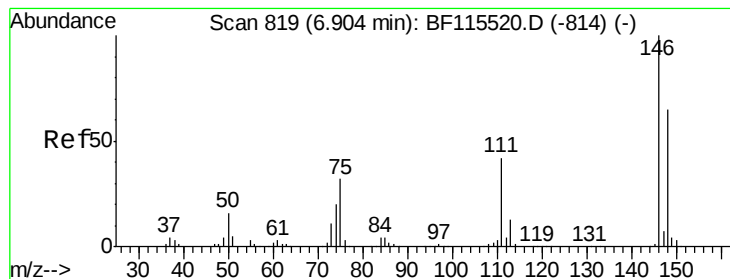
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	52.2	92.2
95	32.7	12.9	52.9



#12
 1,3-Dichlorobenzene
 Concen: 40.947 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	31.4	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 41.958 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampled :

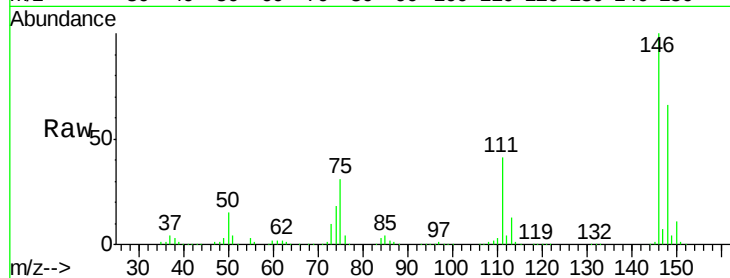
Tot Ion:146 Resp: 579982

Ion Ratio Lower Upper

146 100

148 66.3 51.8 77.6

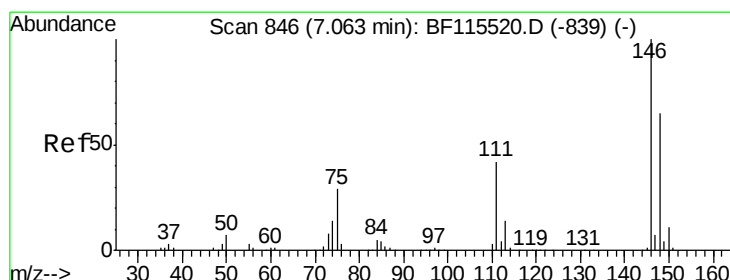
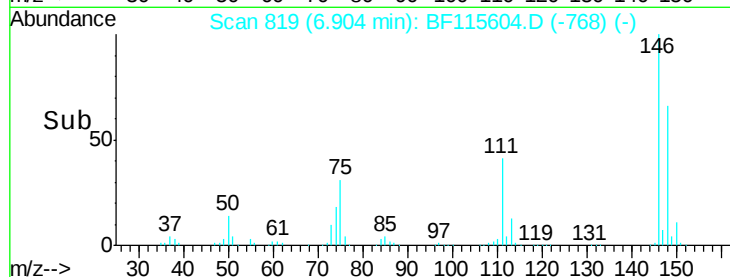
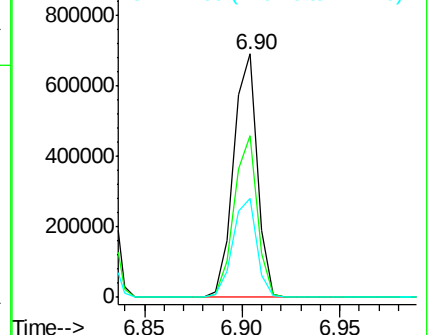
111 40.5 35.5 53.3



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: 43.083 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

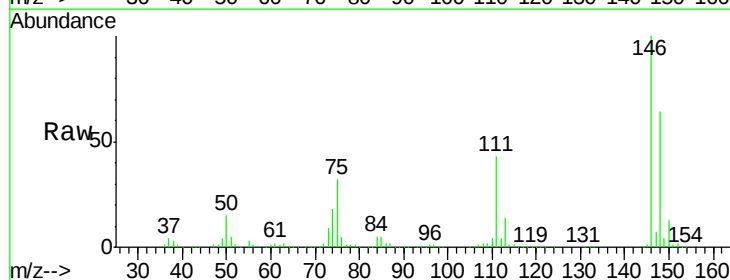
Tgt Ion:146 Resp: 544400

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

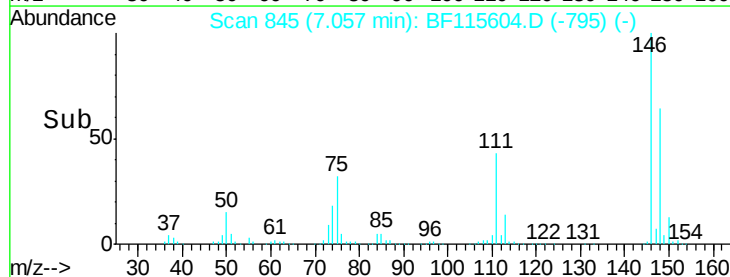
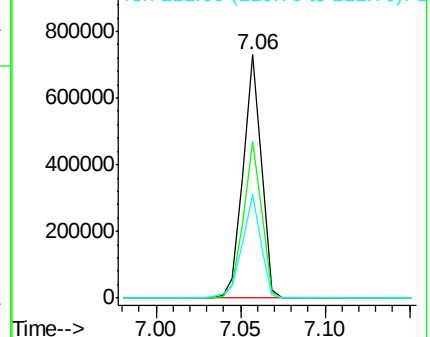
111 43.0 37.6 56.4

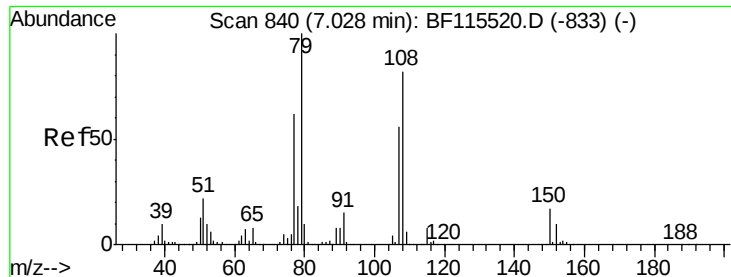


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.779 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

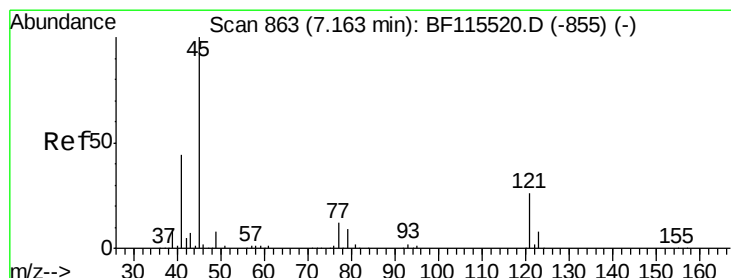
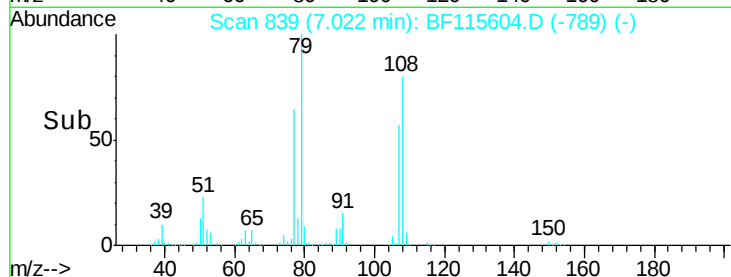
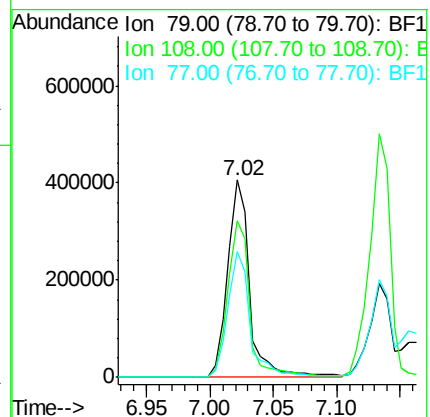
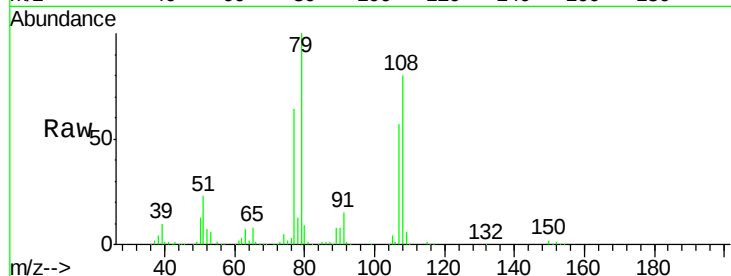
Tot Ion: 79 Resp: 493872

Ion Ratio Lower Upper

79 100

108 79.8 64.2 96.4

77 64.0 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.405 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

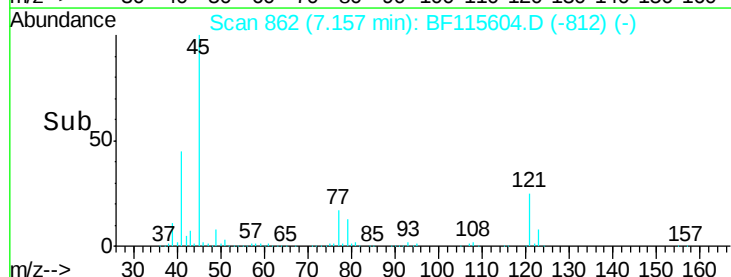
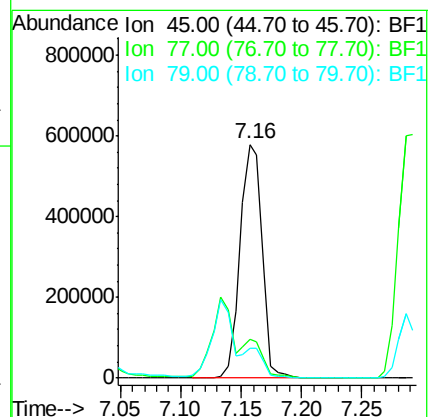
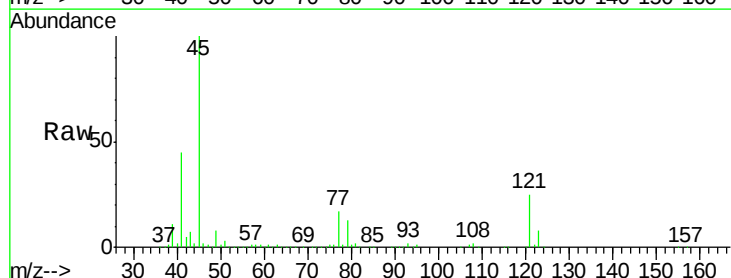
Tgt Ion: 45 Resp: 734320

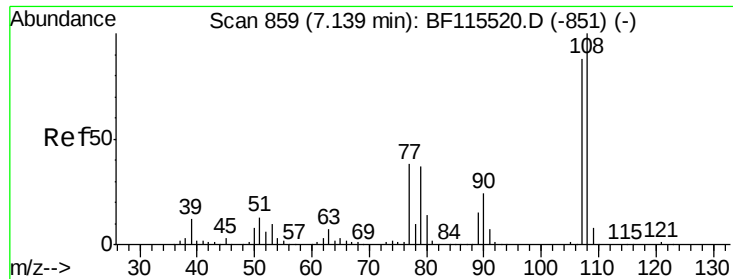
Ion Ratio Lower Upper

45 100

77 16.7 0.0 38.1

79 12.6 0.0 34.1

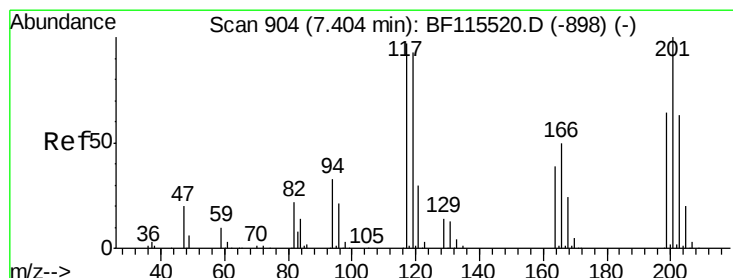
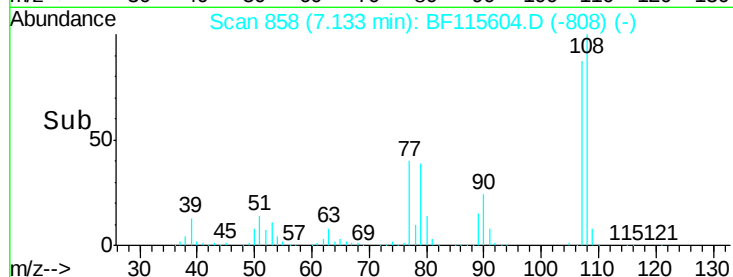
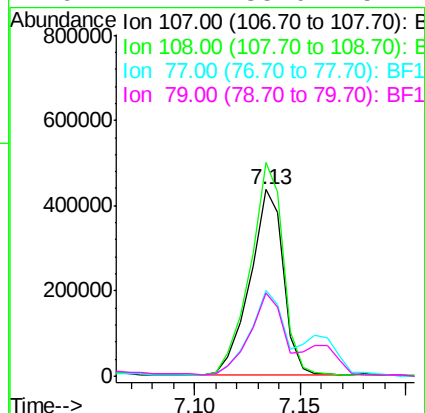
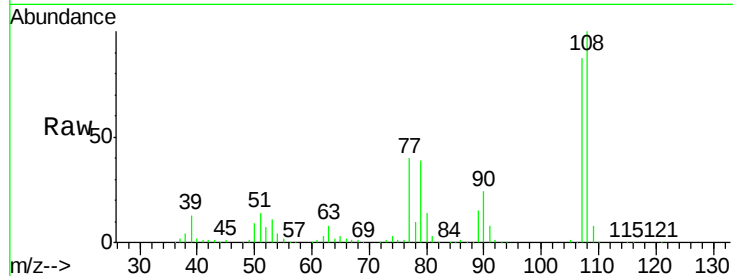




#17
2-Methylphenol
Concen: 45.208 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

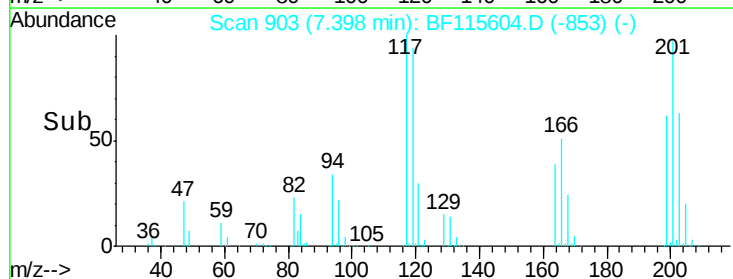
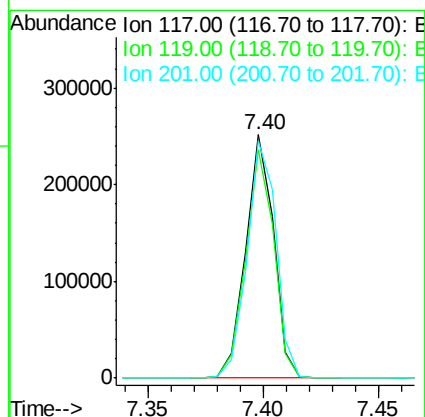
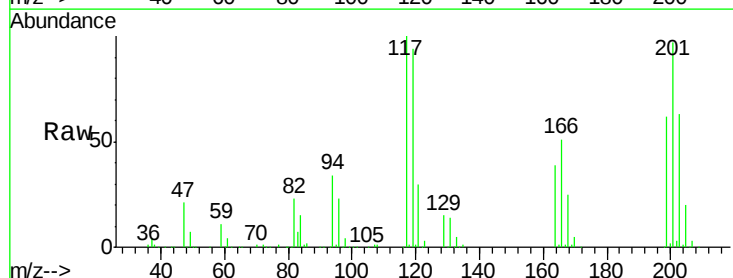
Instrument :
BNA_F
ClientSampleId :

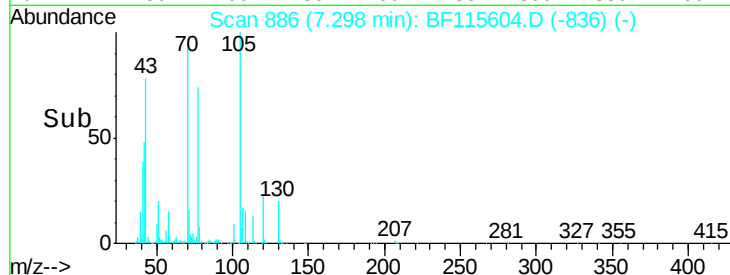
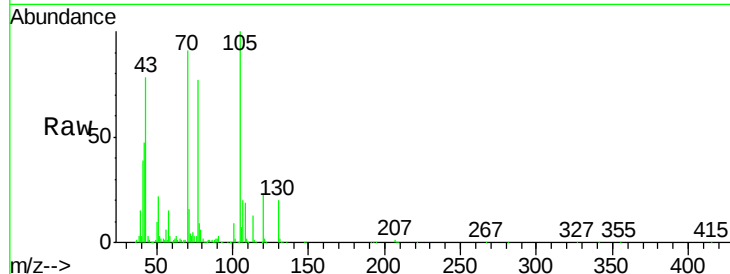
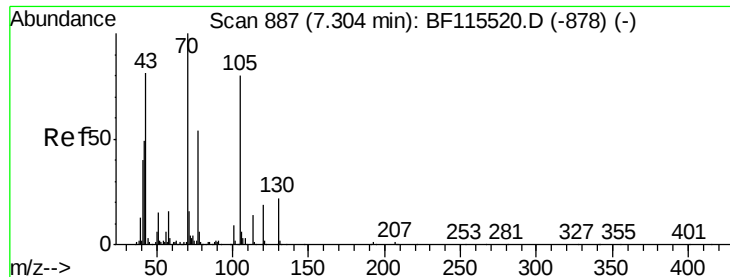
Tot Ion:	107	Resp:	480071
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.4	134.2
77	45.8	35.7	53.5
79	44.4	35.0	52.4



#18
Hexachloroethane
Concen: 41.627 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:	117	Resp:	213573
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.7	116.5
201	97.3	86.0	129.0

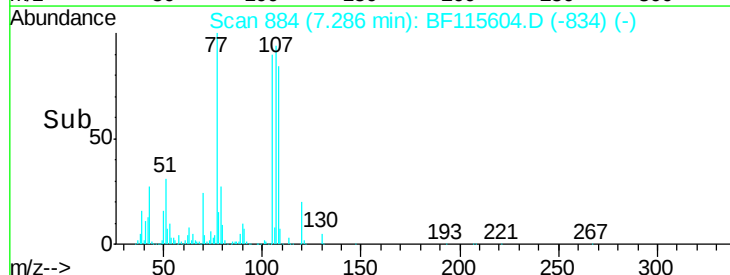
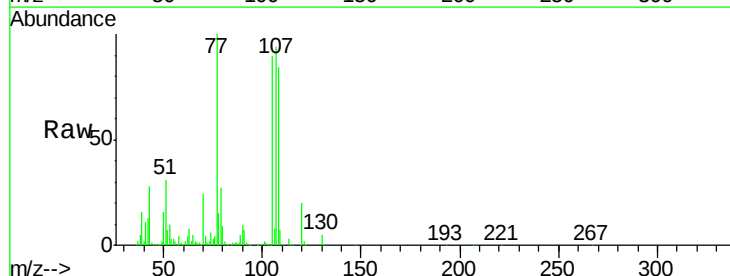
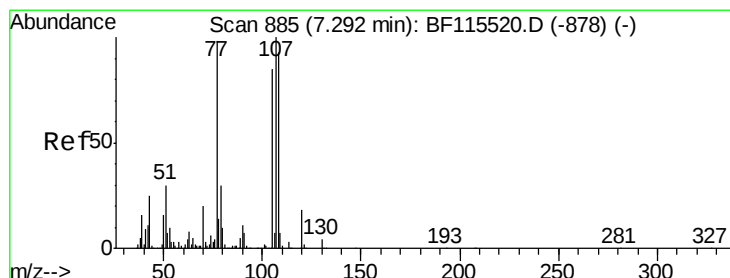
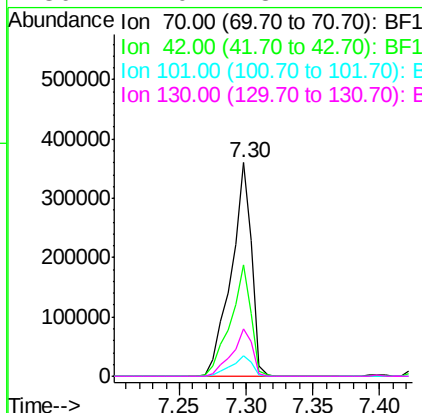




#19
n-Nitroso-di-n-propylamine
Concen: 43.744 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

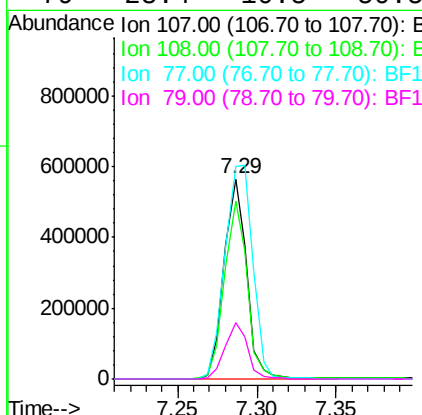
Instrument :
BNA_F
ClientSampleId :

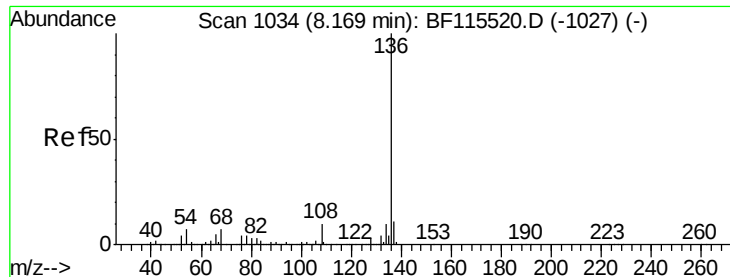
Tot Ion:	70	Resp:	387977
Ion	Ratio	Lower	Upper
70	100		
42	51.9	39.6	59.4
101	9.9	8.1	12.1
130	22.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.102 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:	107	Resp:	556282
Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.9	112.9
77	106.2	77.6	117.6
79	28.4	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 700221

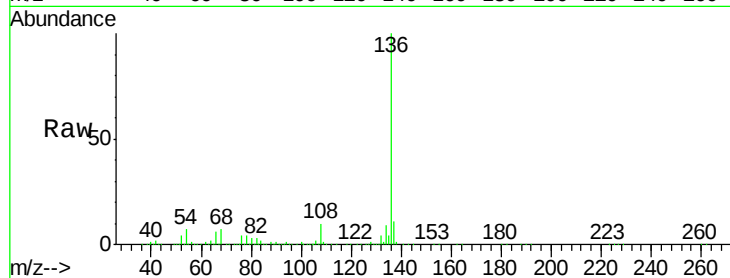
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.1 5.6 8.4

68 6.8 5.0 7.6

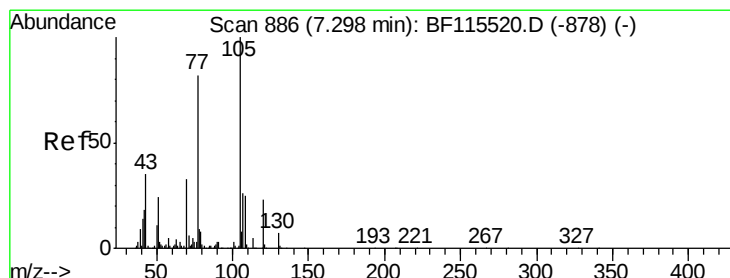
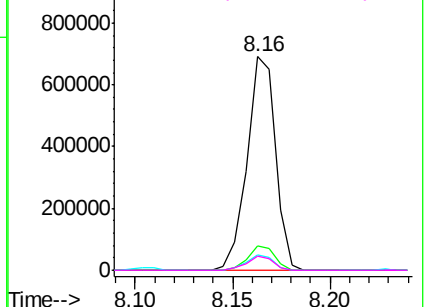
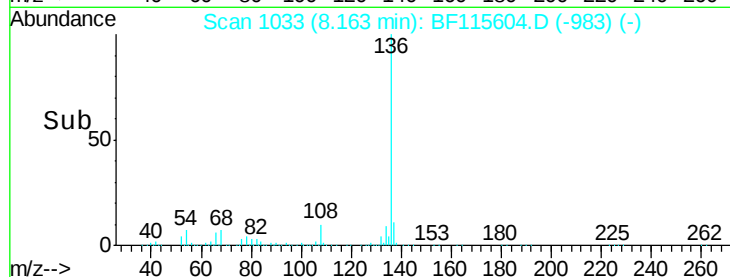


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.143 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Tgt Ion:105 Resp: 745750

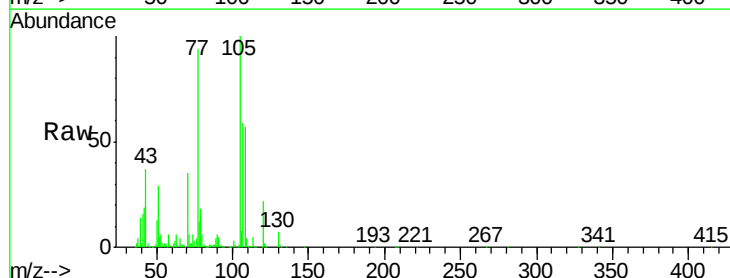
Ion Ratio Lower Upper

105 100

71 5.9 3.5 5.3#

51 28.7 25.6 38.4

120 22.4 17.9 26.9

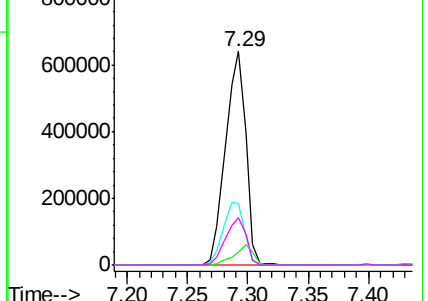
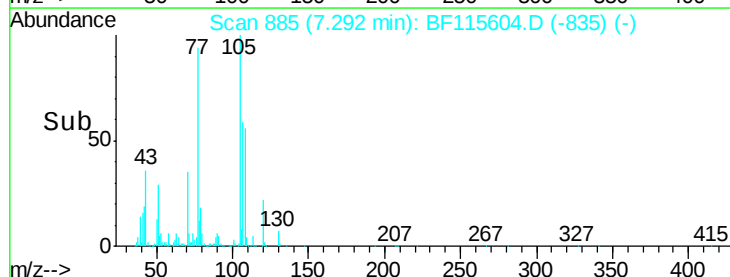


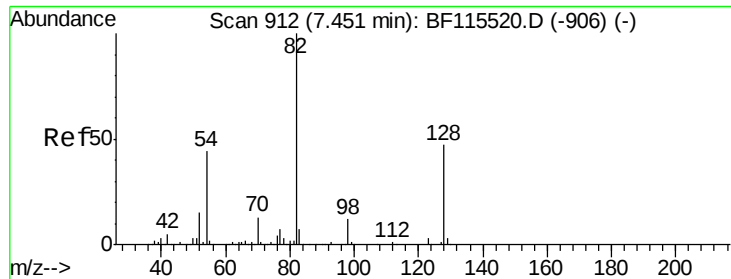
Abundance Ion 105.00 (104.70 to 105.70): E

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

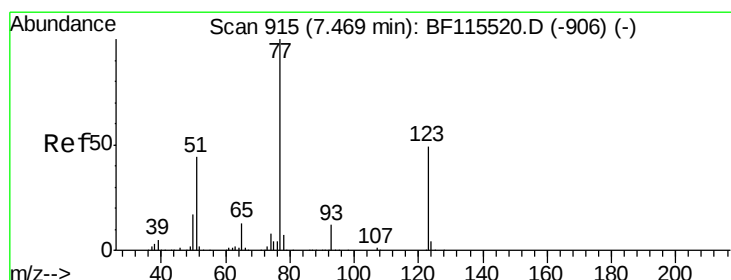
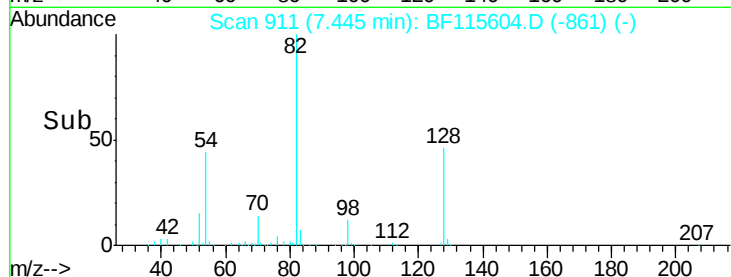
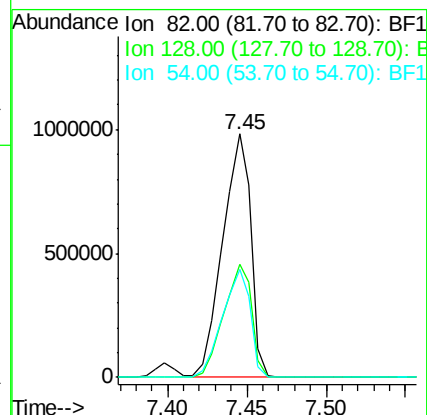
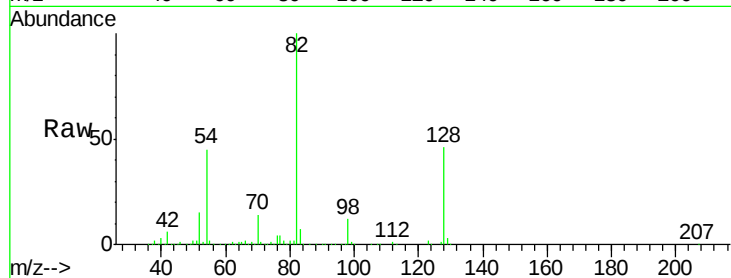




#23
Nitrobenzene-d5
Concen: 100.002 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

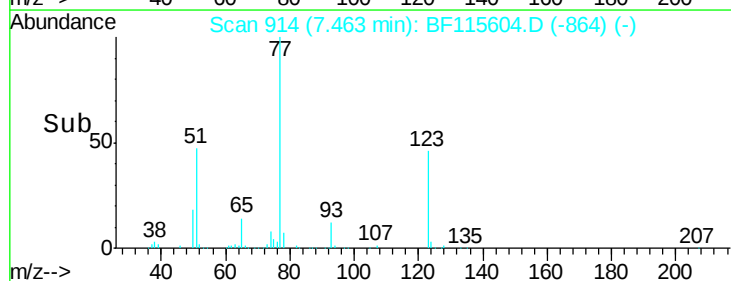
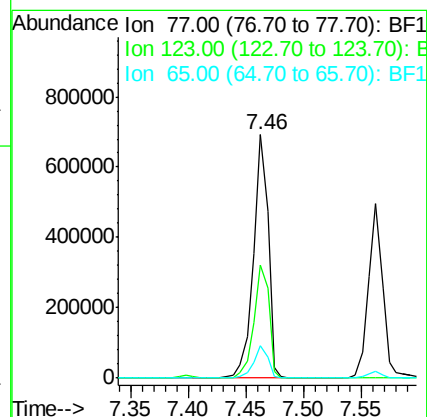
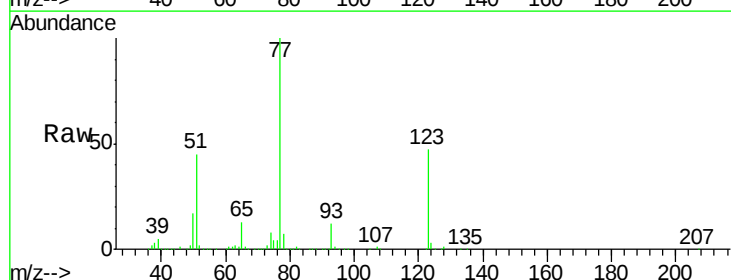
Instrument :
BNA_F
ClientSampleID :

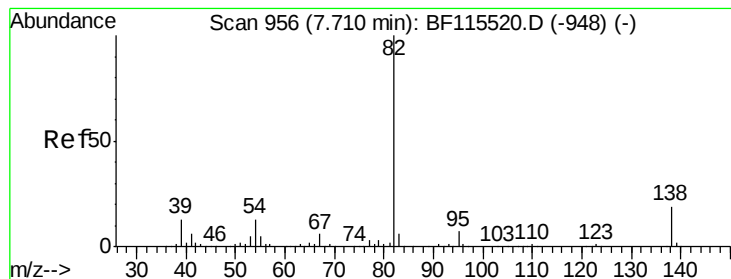
Tot Ion: 82 Resp: 1204255
Ion Ratio Lower Upper
82 100
128 46.3 38.6 57.8
54 44.5 35.6 53.4



#24
Nitrobenzene
Concen: 46.766 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion: 77 Resp: 607433
Ion Ratio Lower Upper
77 100
123 46.6 40.0 60.0
65 13.1 11.0 16.4





#25

Isophorone

Concen: 46.451 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

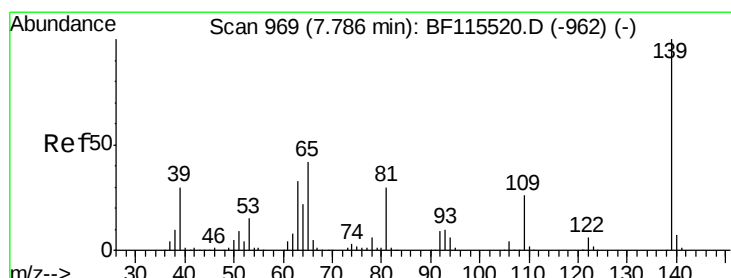
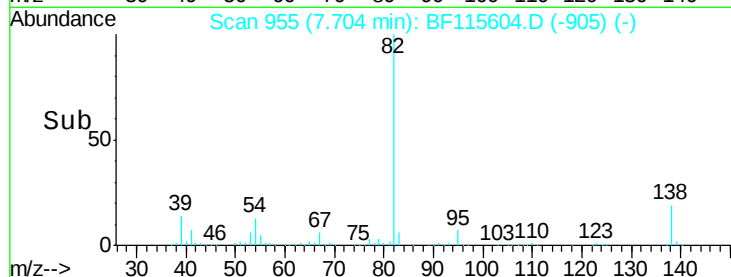
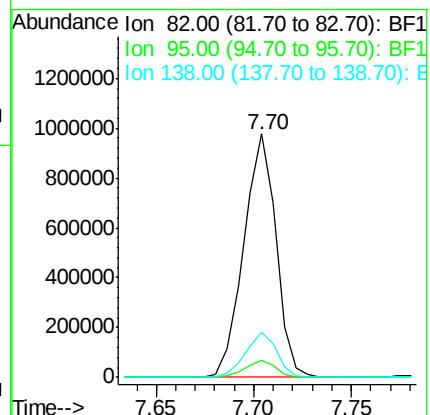
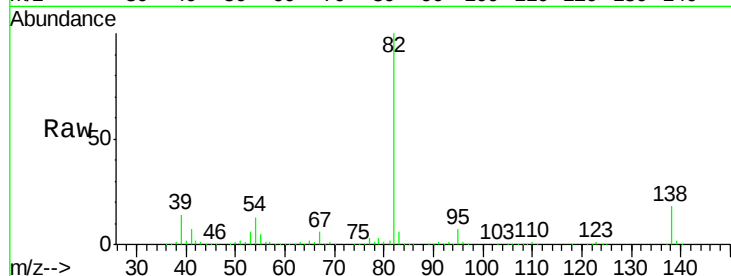
Tot Ion: 82 Resp: 1119315

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 46.268 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

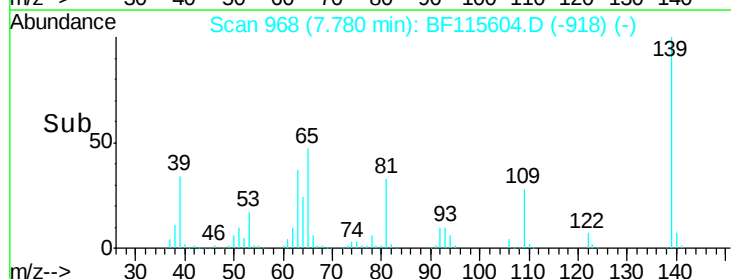
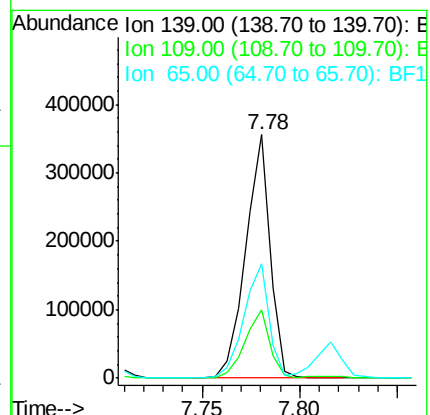
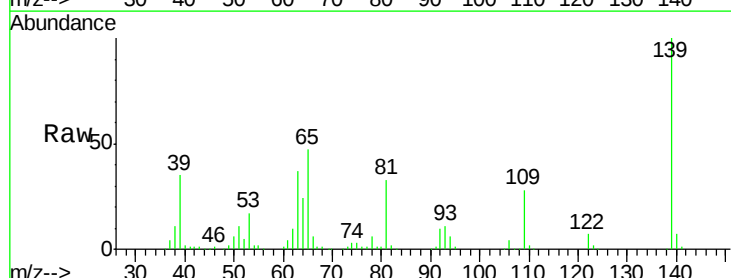
Tgt Ion: 139 Resp: 309323

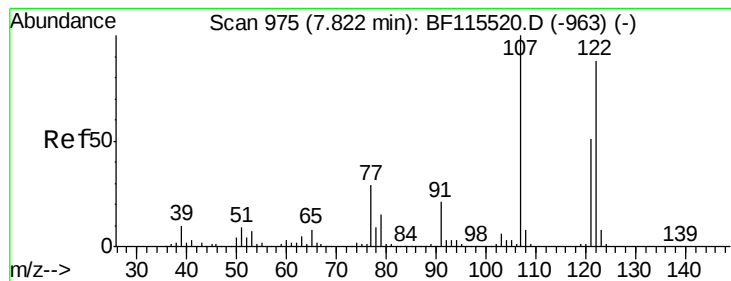
Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

65 46.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 50.079 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

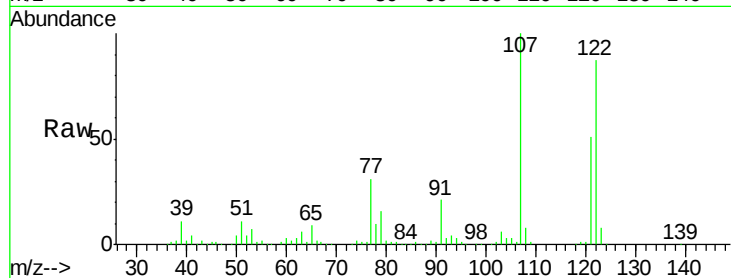
Tot Ion:122 Resp: 500948

Ion Ratio Lower Upper

122 100

107 114.4 92.9 139.3

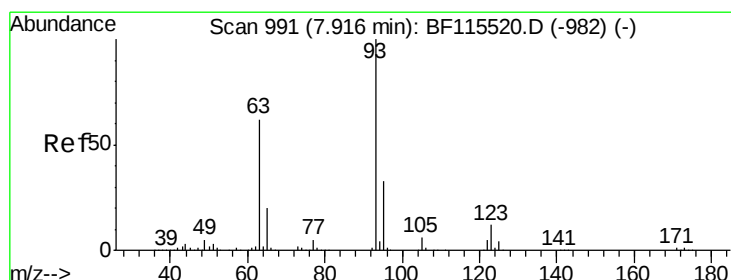
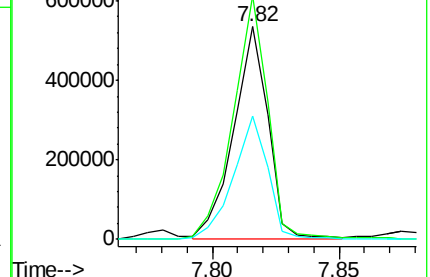
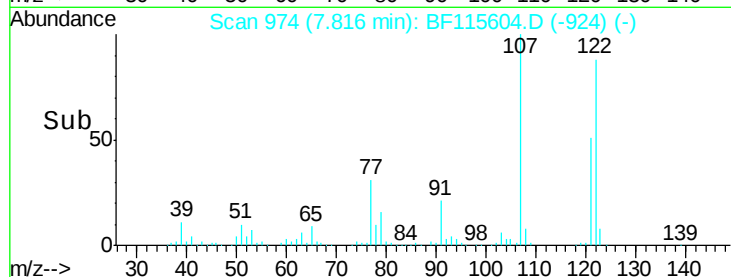
121 58.2 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.863 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

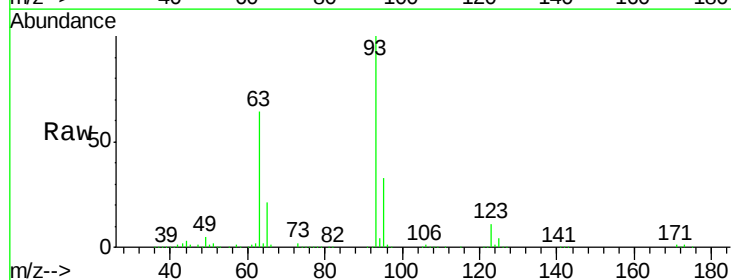
Tgt Ion: 93 Resp: 677986

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

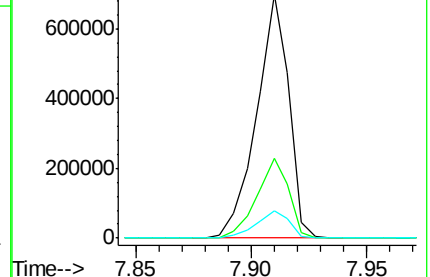
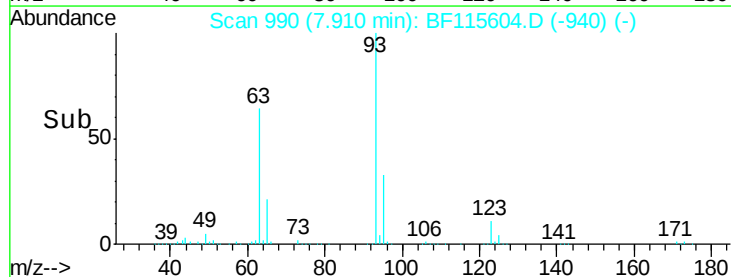
123 11.4 9.9 14.9

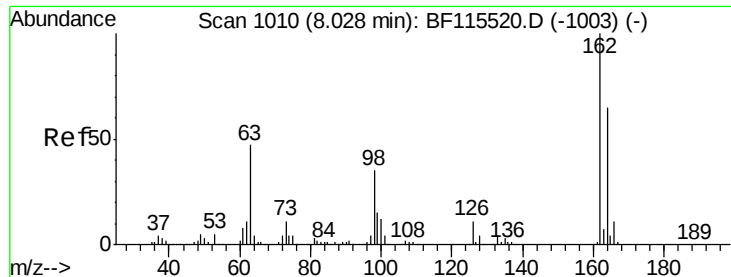


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

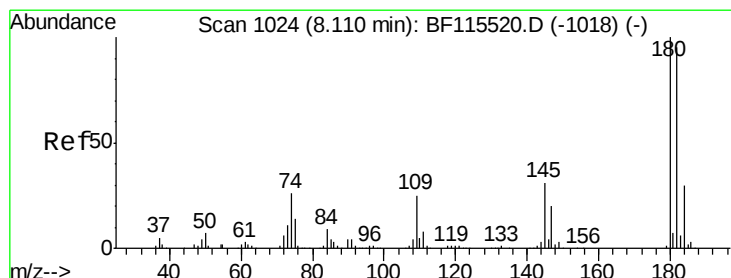
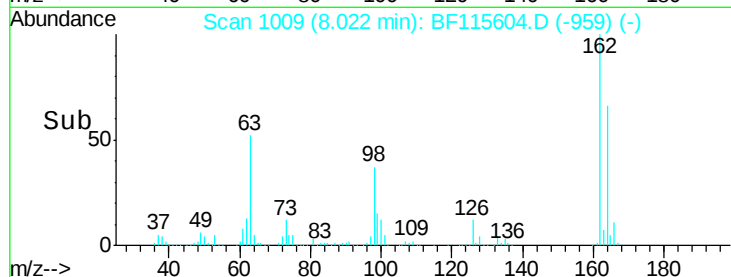
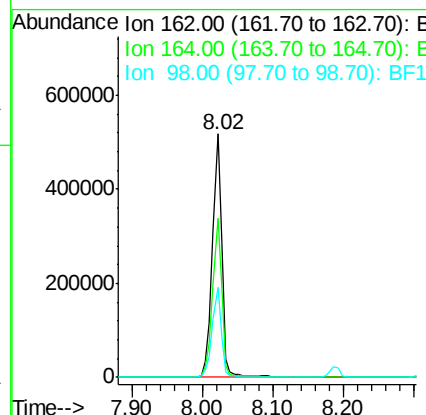
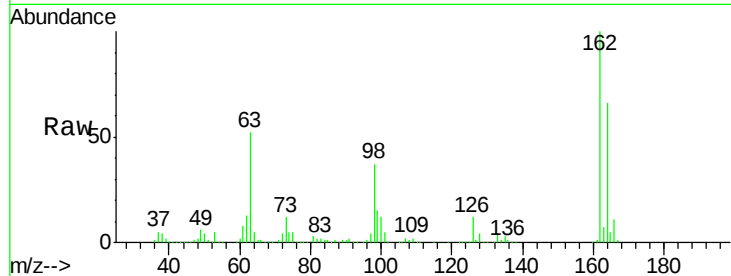




#29
 2,4-Dichlorophenol
 Concen: 46.603 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

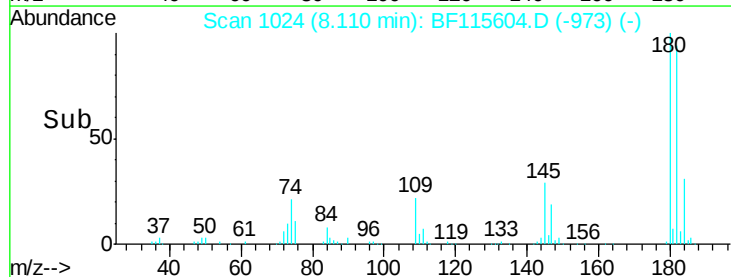
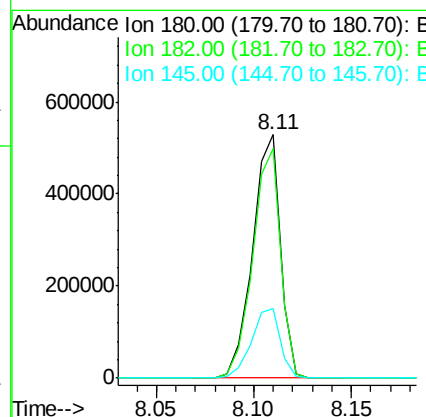
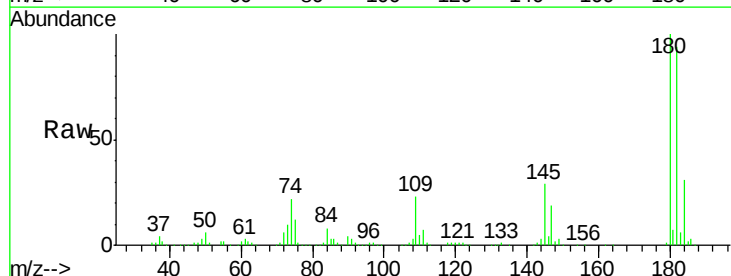
Instrument :
 BNA_F
 ClientSampleId :

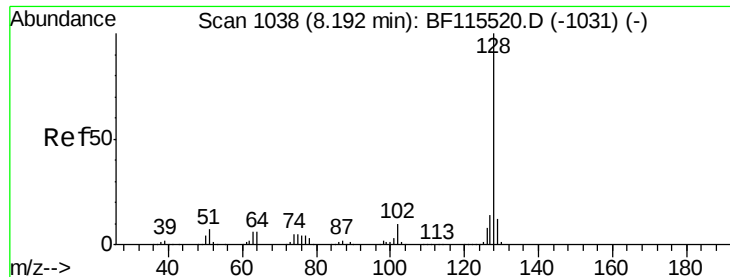
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.9	84.9
98	36.8	17.7	57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.277 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.6
145	28.8	25.1	37.7

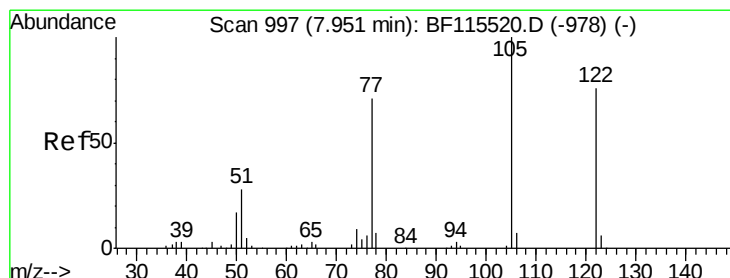
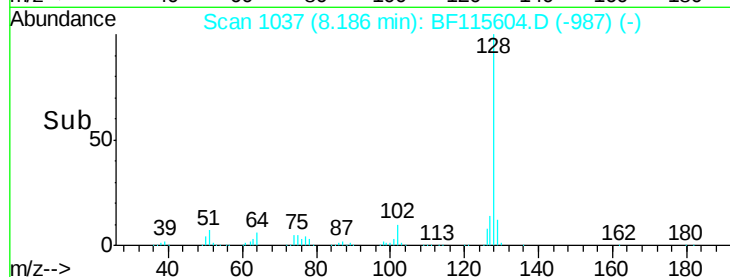
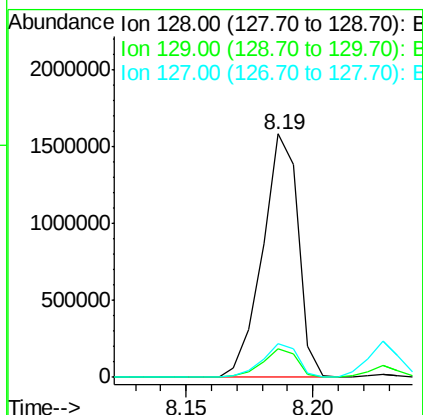
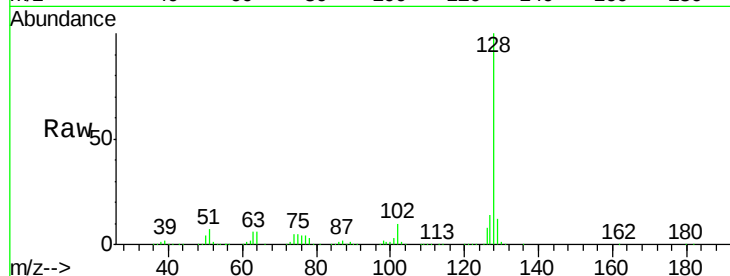




#31
Naphthalene
Concen: 45.946 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

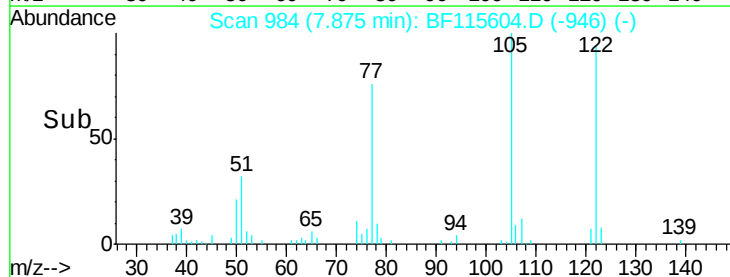
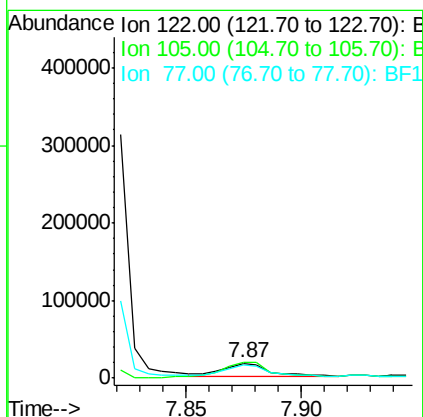
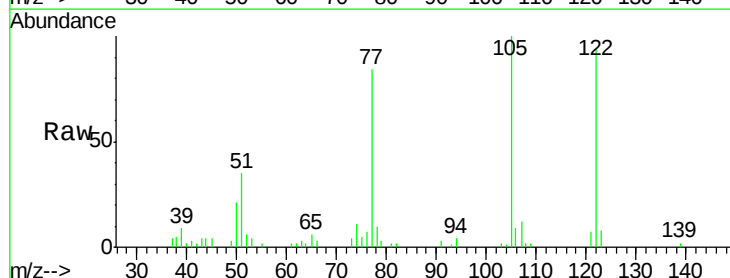
Instrument :
BNA_F
ClientSampleId :

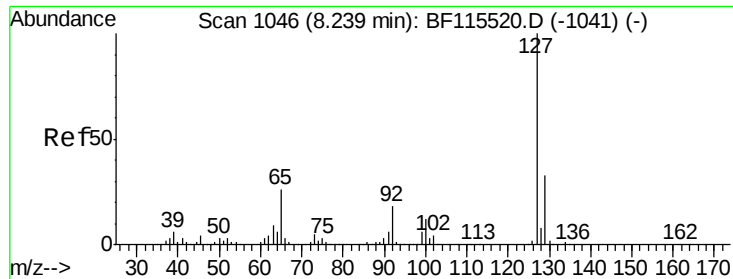
Tot Ion:128 Resp: 1558118
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.7 12.1 18.1



#32
Benzoic acid
Concen: 2.979 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.08 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:122 Resp: 24452
Ion Ratio Lower Upper
122 100
105 106.2 102.5 142.5
77 89.4 70.2 110.2

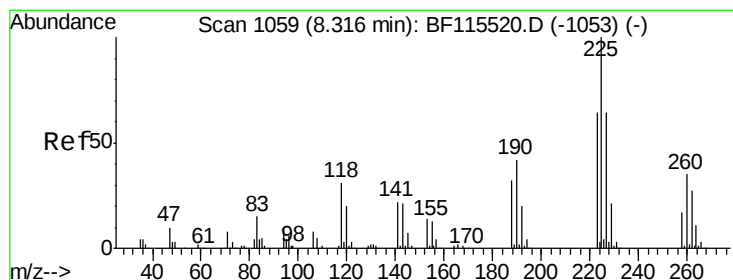
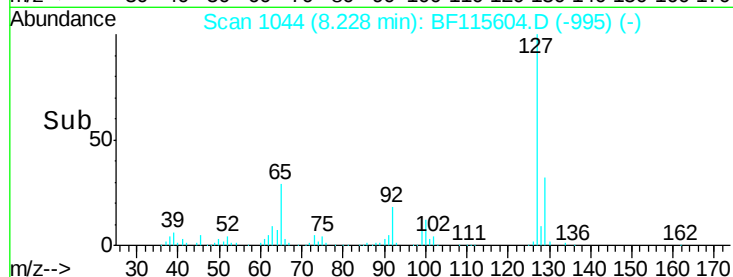
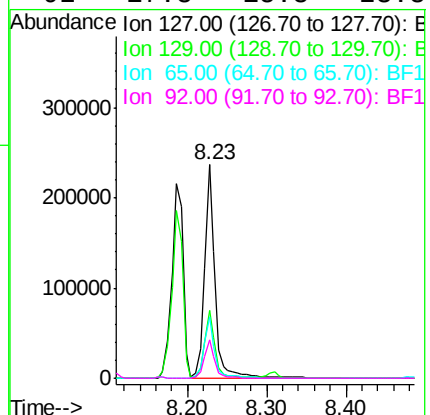
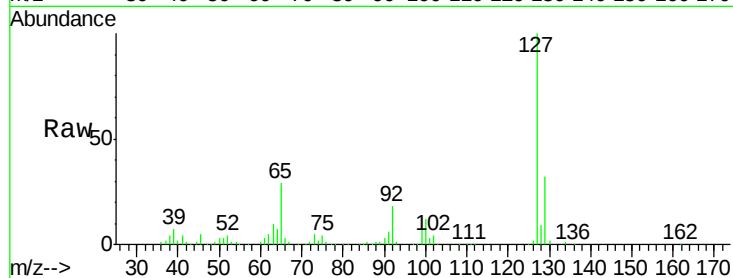




#33
4-Chloroaniline
Concen: 14.866 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

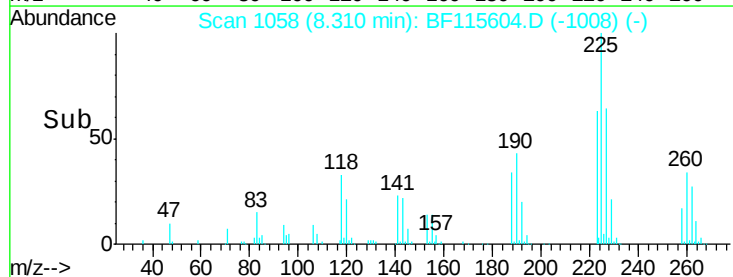
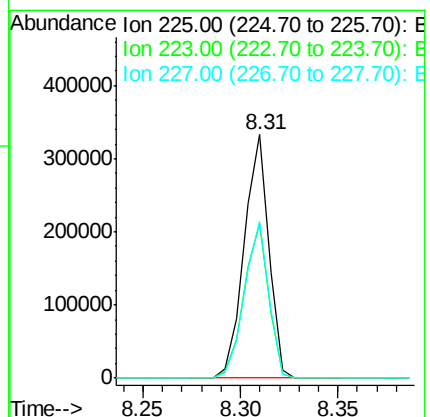
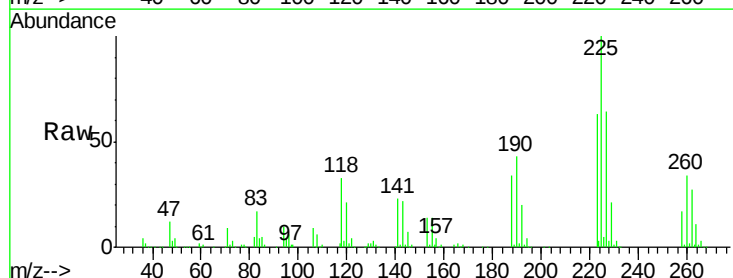
Instrument :
BNA_F
ClientSampleId :

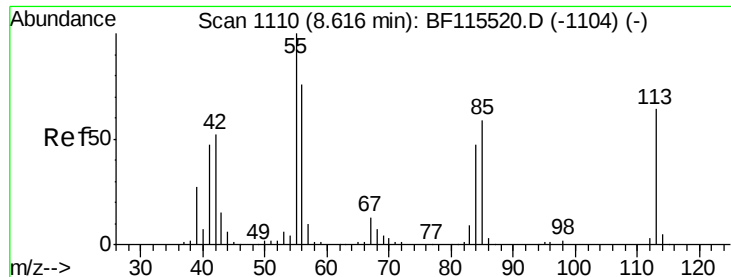
Tot Ion:	127	Resp:	223304
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	29.0	23.7	35.5
92	17.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.066 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:	225	Resp:	290421
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	64.5	50.7	76.1

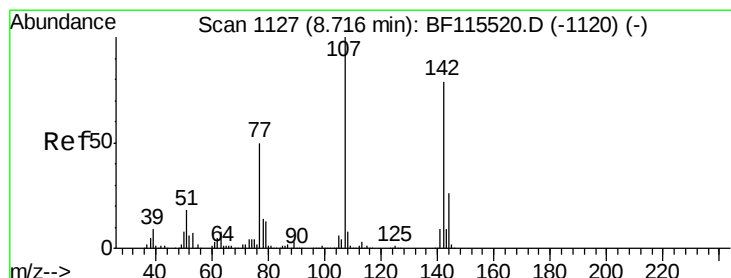
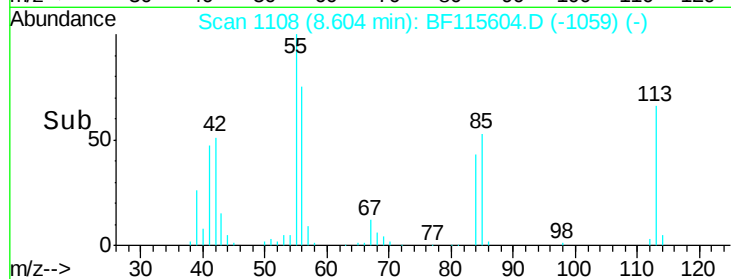
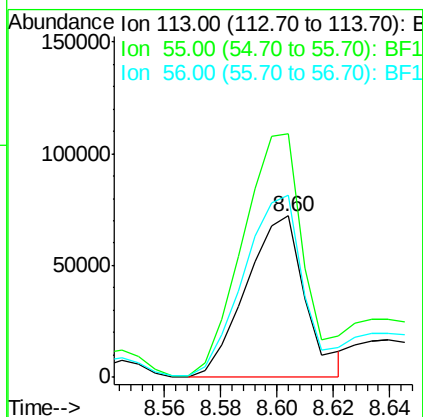
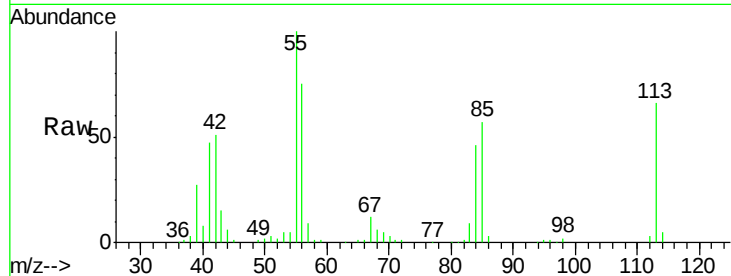




#35
 Caprolactam
 Concen: 32.710 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

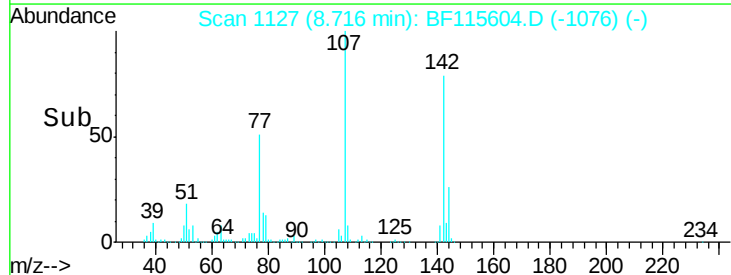
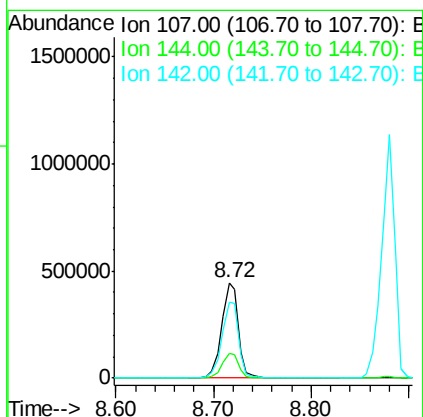
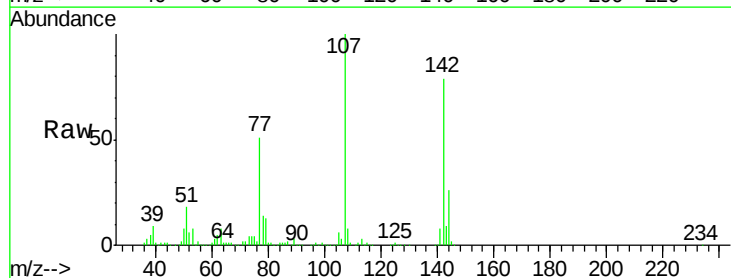
Instrument :
 BNA_F
 ClientSampleID :

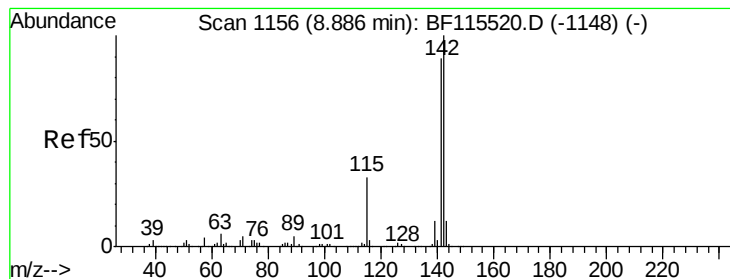
Tot Ion:113 Resp: 105154
 Ion Ratio Lower Upper
 113 100
 55 151.1 126.9 166.9
 56 113.4 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.011 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion:107 Resp: 528895
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.6 30.8
 142 78.9 63.1 94.7





#37

2-Methylnaphthalene

Concen: 47.367 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

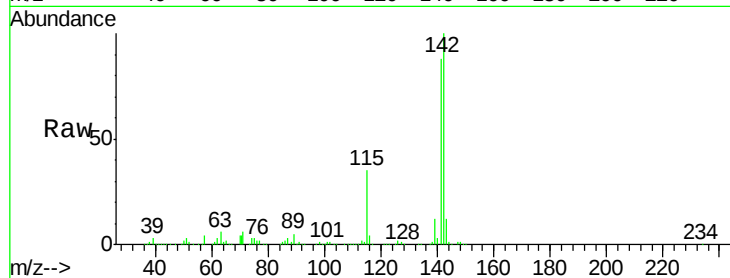
Tot Ion:142 Resp: 1064779

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0

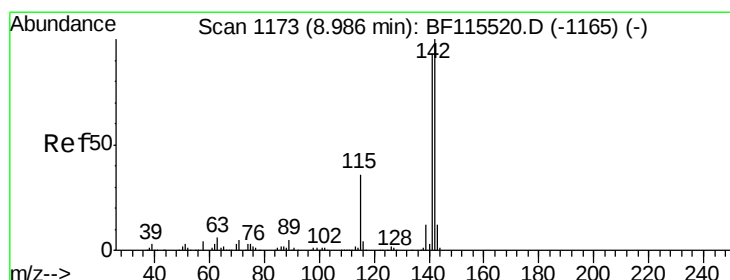
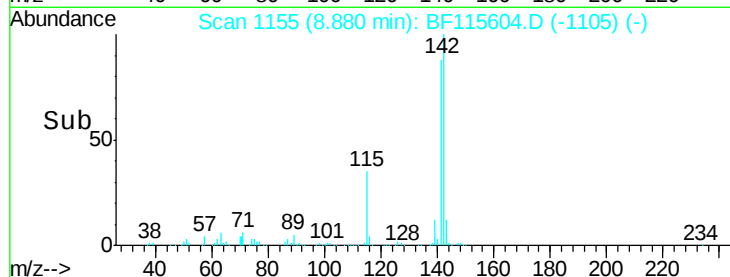
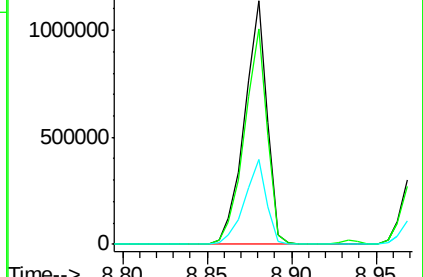
115 34.9 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.296 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

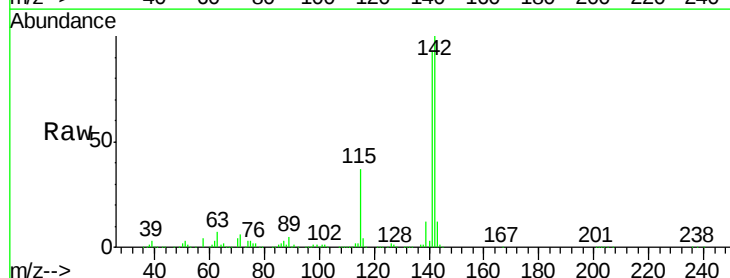
Tgt Ion:142 Resp: 988484

Ion Ratio Lower Upper

142 100

141 93.1 75.3 112.9

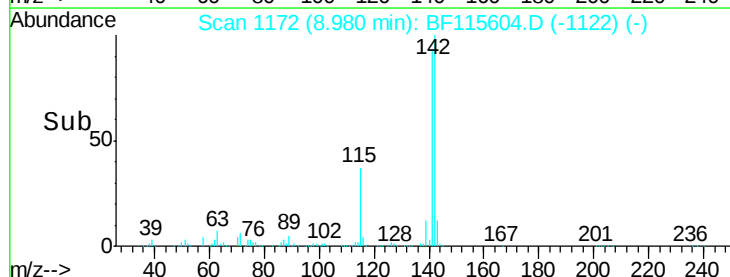
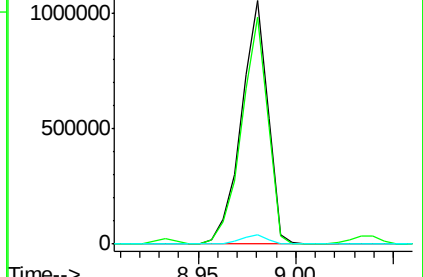
116 3.9 3.3 4.9

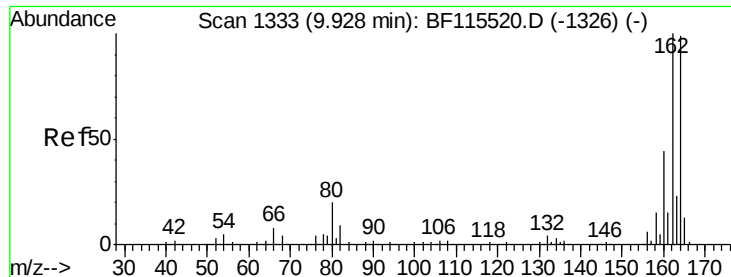


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

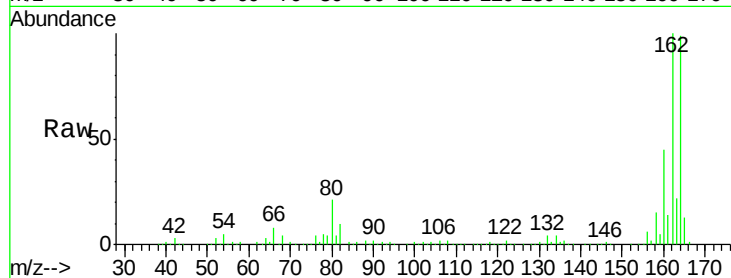
Tot Ion:164 Resp: 350948

Ion Ratio Lower Upper

164 100

162 101.1 82.9 124.3

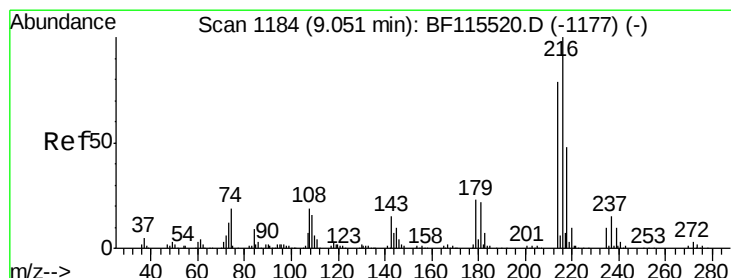
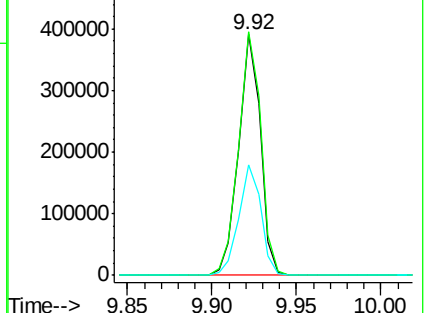
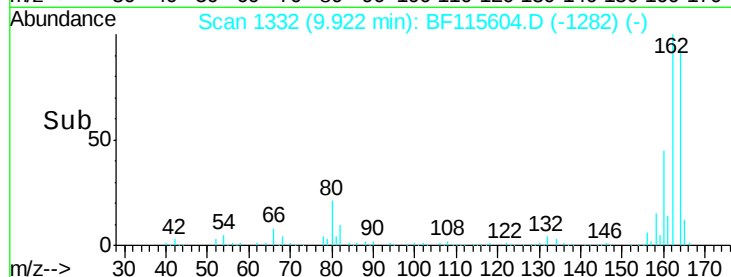
160 45.8 36.8 55.2



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: 46.569 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Tgt Ion:216 Resp: 492154

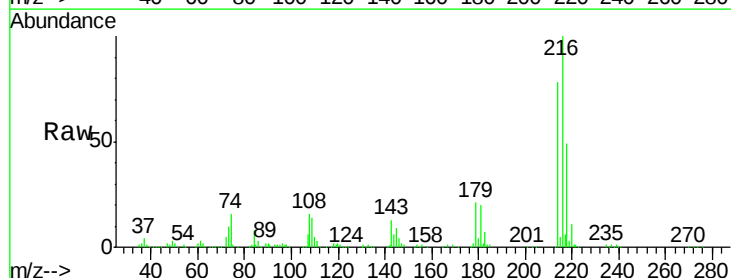
Ion Ratio Lower Upper

216 100

214 78.8 65.1 97.7

179 22.1 18.3 27.5

108 20.2 15.7 23.5

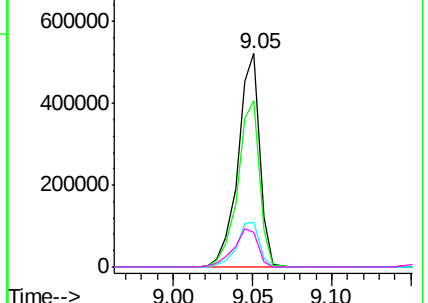
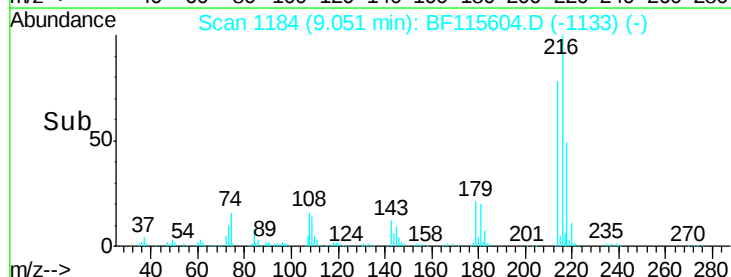


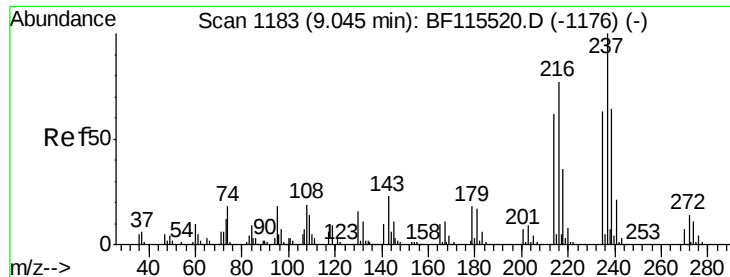
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.513 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

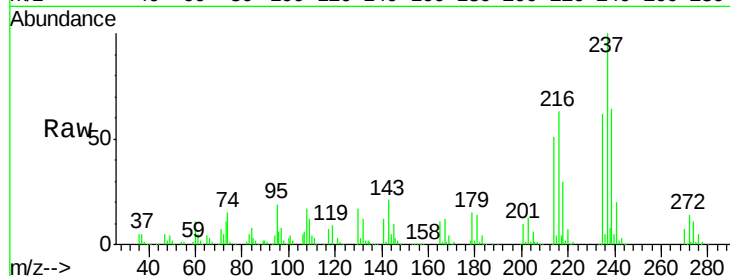
Tot Ion:237 Resp: 292466

Ion Ratio Lower Upper

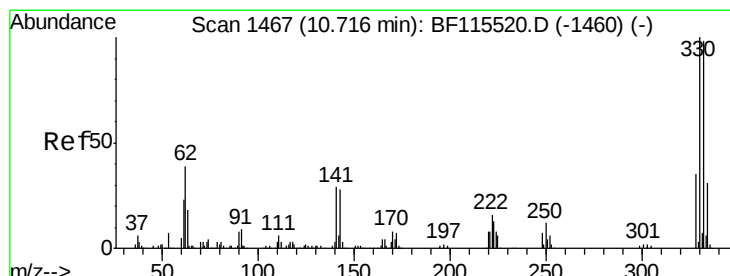
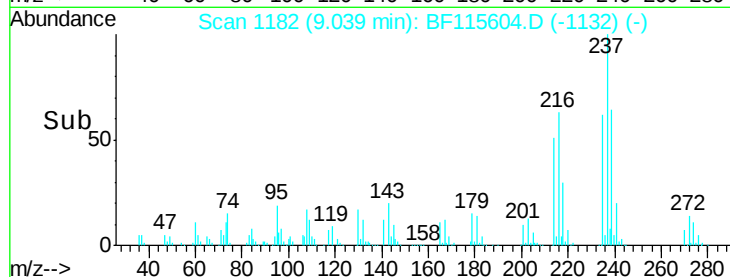
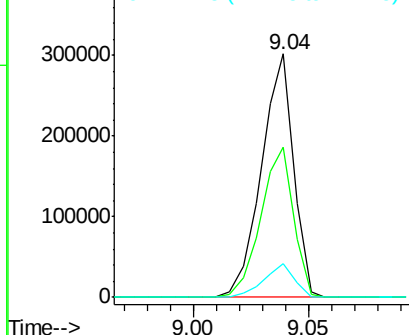
237 100

235 61.9 43.6 83.6

272 14.0 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: 123.334 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

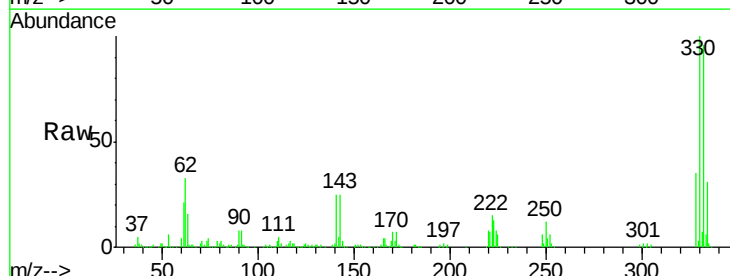
Tgt Ion:330 Resp: 505228

Ion Ratio Lower Upper

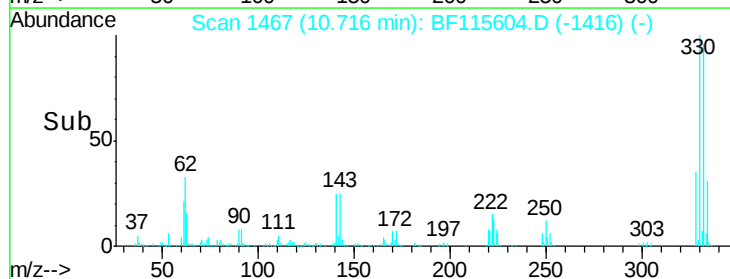
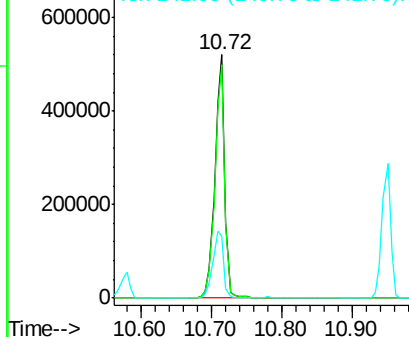
330 100

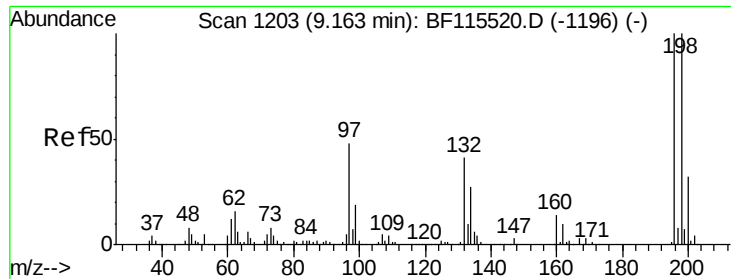
332 95.8 77.4 116.2

141 30.6 22.4 33.6



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

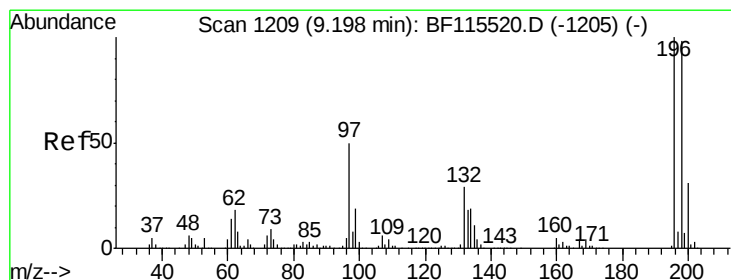
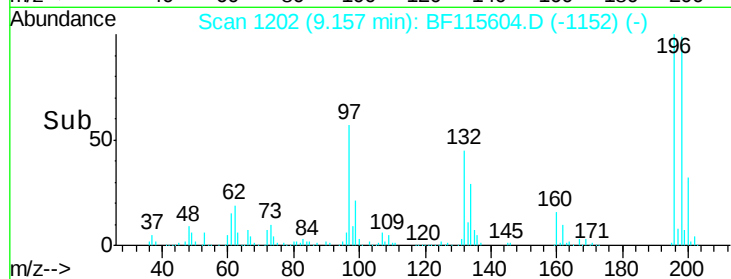
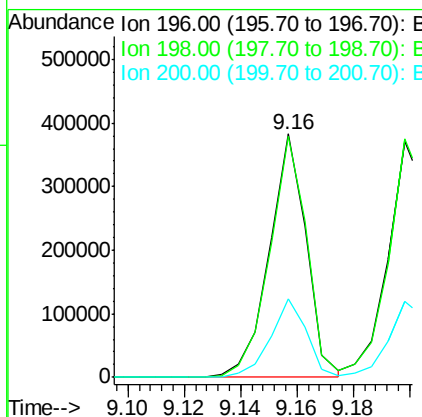
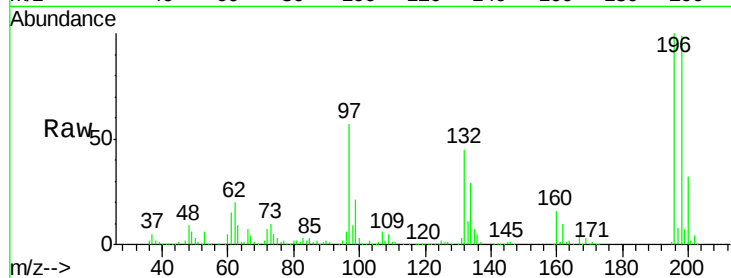




#43
 2,4,6-Trichlorophenol
 Concen: 44.835 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

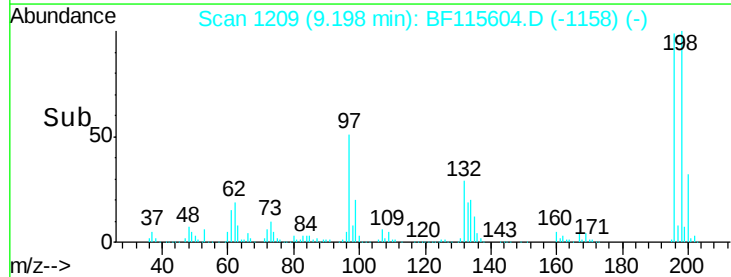
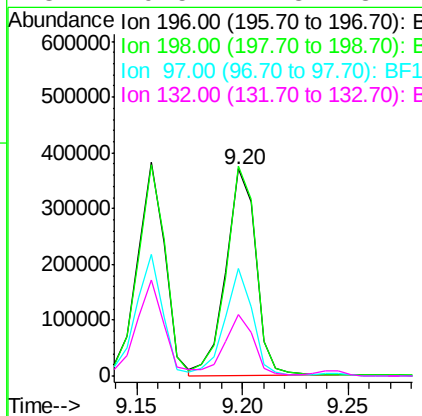
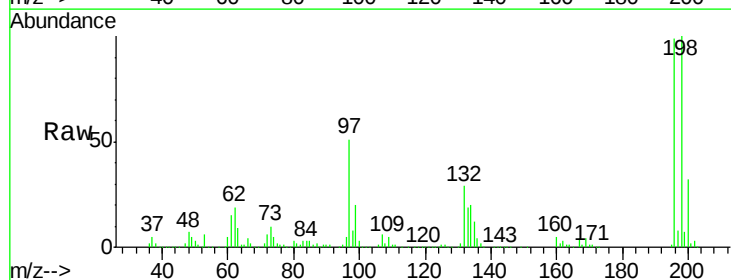
Instrument :
 BNA_F
 ClientSampleId :

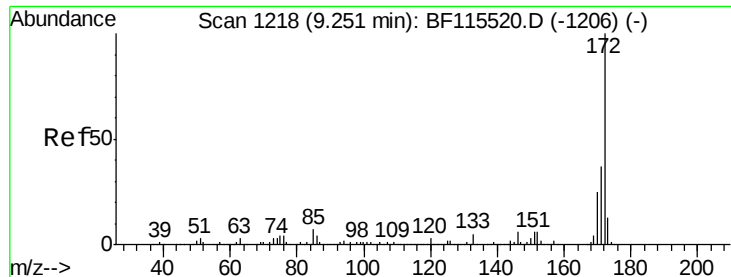
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.6	121.0
200	32.0	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.874 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	79.6	119.4
97	51.7	37.8	56.6
132	29.5	22.8	34.2

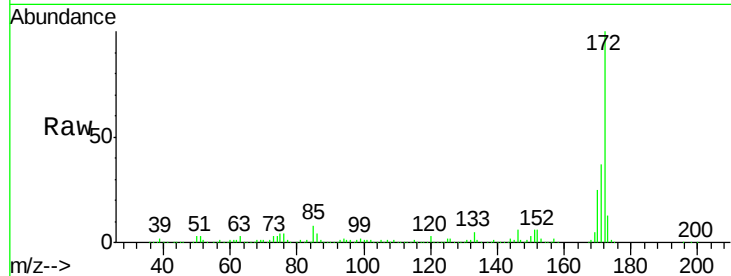




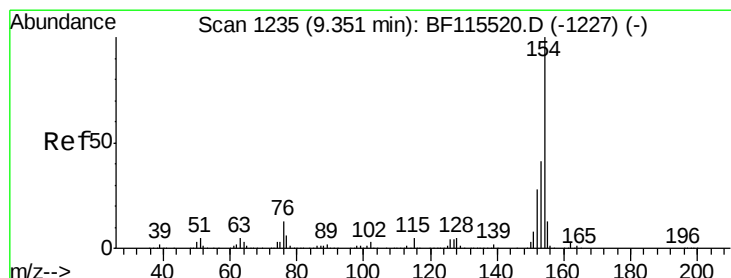
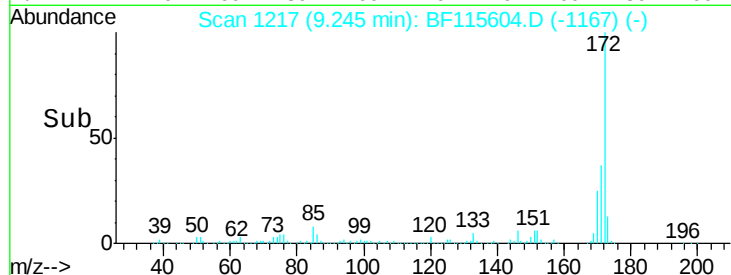
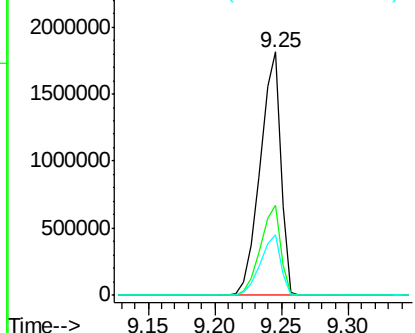
#45
 2-Fluorobiphenyl
 Concen: 95.622 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1917318
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 46.0
 170 25.0 20.5 30.7

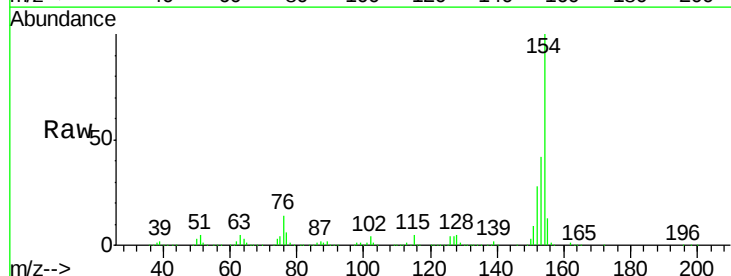


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

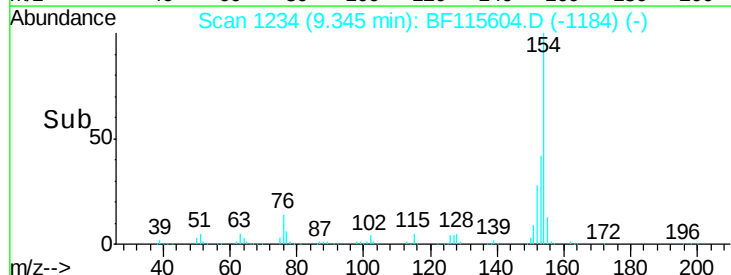
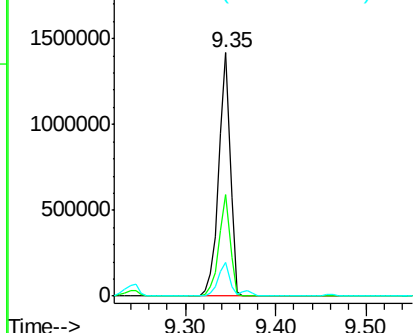


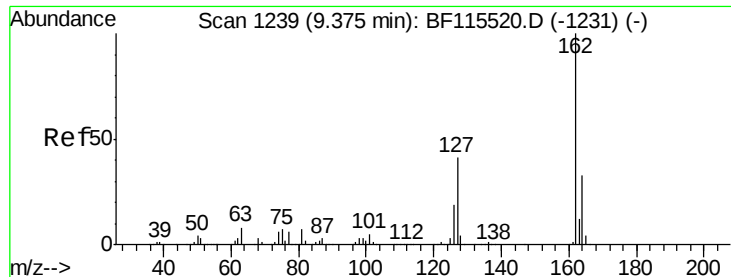
#46
 1,1'-Biphenyl
 Concen: 44.896 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion:154 Resp: 1231803
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.6 62.6
 76 13.6 0.0 33.4



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

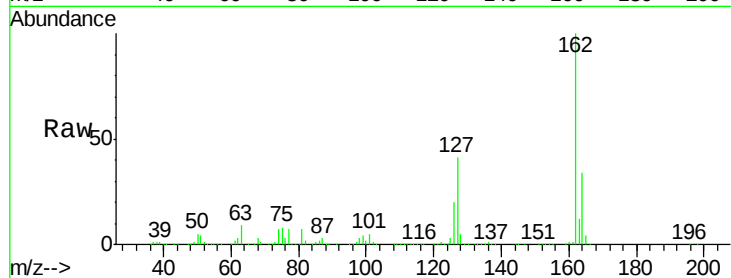




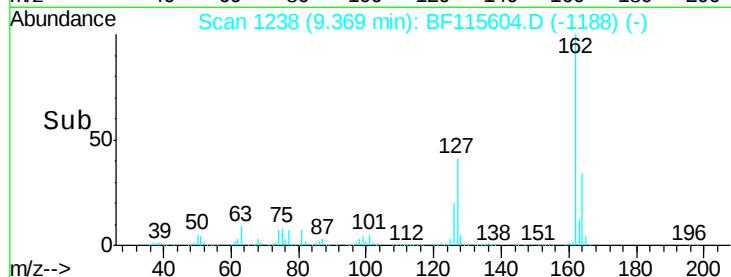
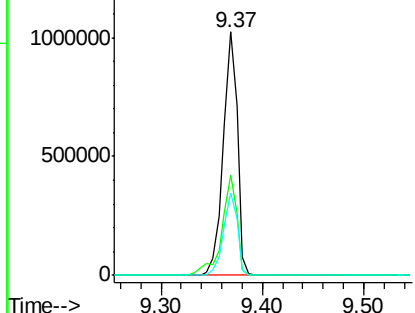
#47
 2-Chloronaphthalene
 Concen: 43.365 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.1	51.1
164	33.6	27.4	41.2

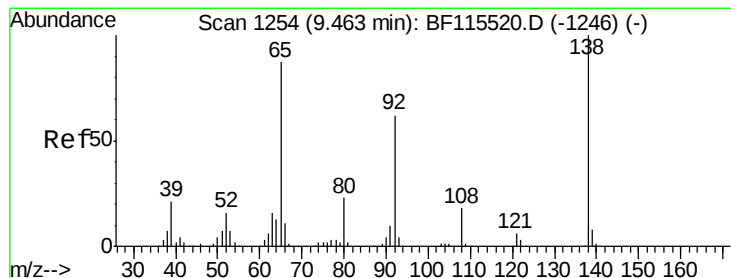


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

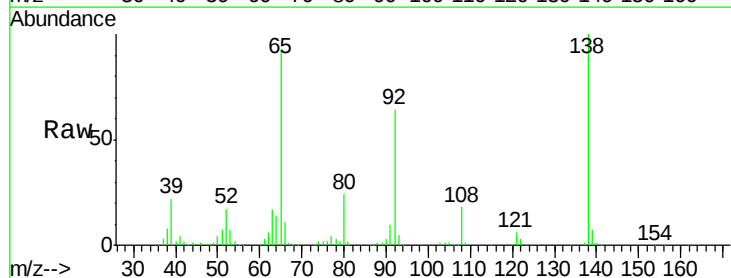
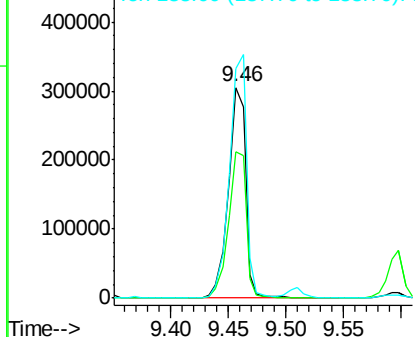


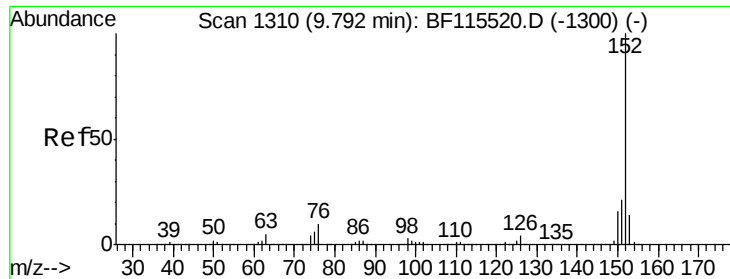
#48
 2-Nitroaniline
 Concen: 45.080 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	57.8	86.6
138	109.1	91.2	136.8



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





#49

Acenaphthylene

Concen: 47.783 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

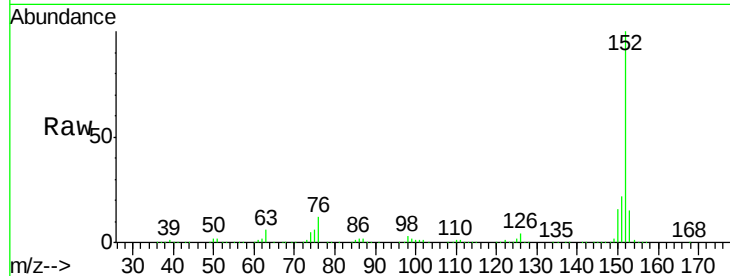
Tot Ion:152 Resp: 1617508

Ion Ratio Lower Upper

152 100

151 21.7 17.7 26.5

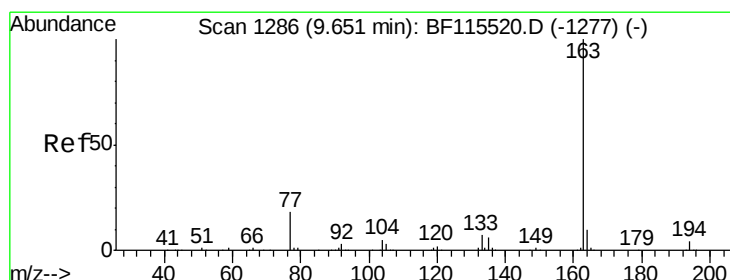
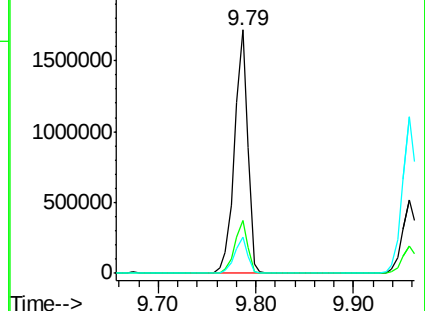
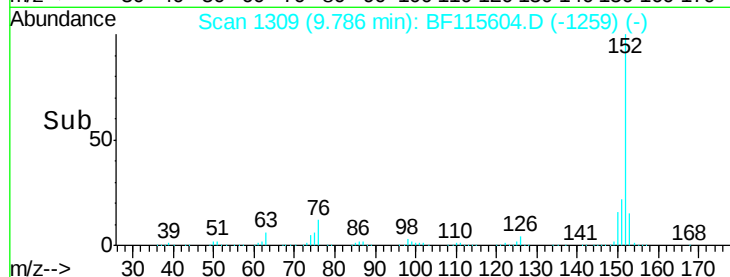
153 14.6 12.0 18.0



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: 60.258 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

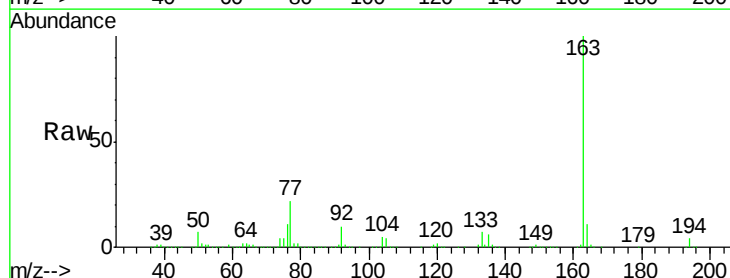
Tgt Ion:163 Resp: 1591062

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

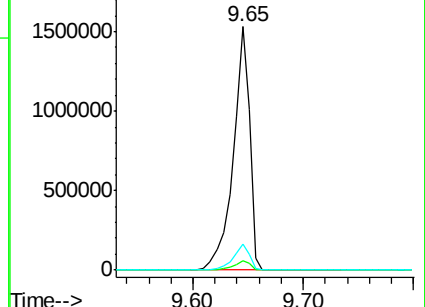
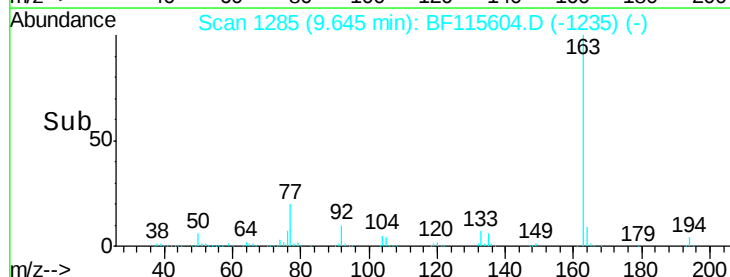
164 10.8 8.7 13.1

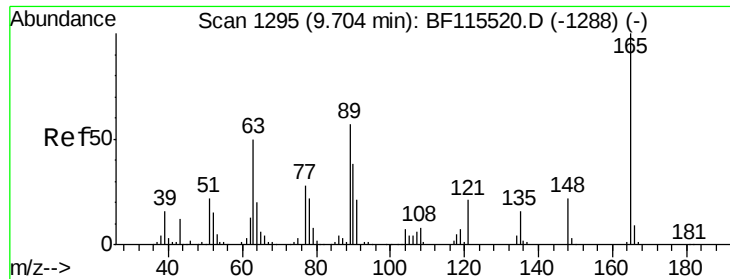


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.100 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

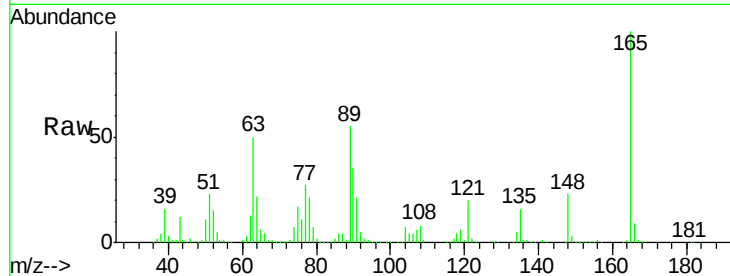
Tot Ion:165 Resp: 288625

Ion Ratio Lower Upper

165 100

63 50.1 40.6 61.0

89 54.8 43.9 65.9

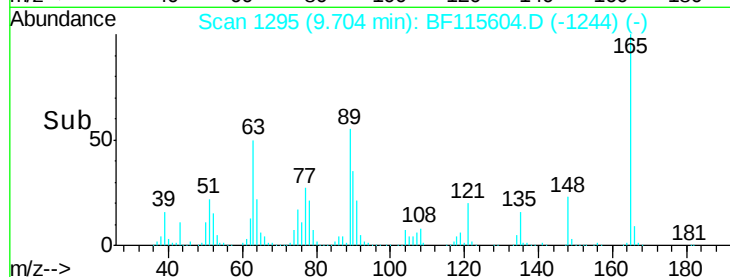


Abundance Ion 165.00 (164.70 to 165.70): E

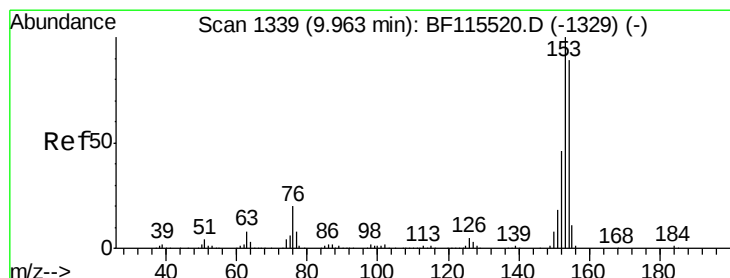
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 44.178 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

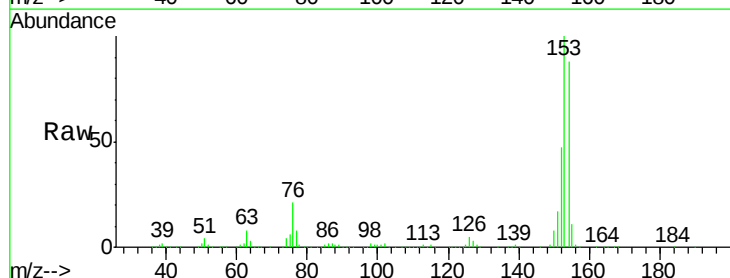
Tgt Ion:154 Resp: 965493

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

152 53.1 42.3 63.5

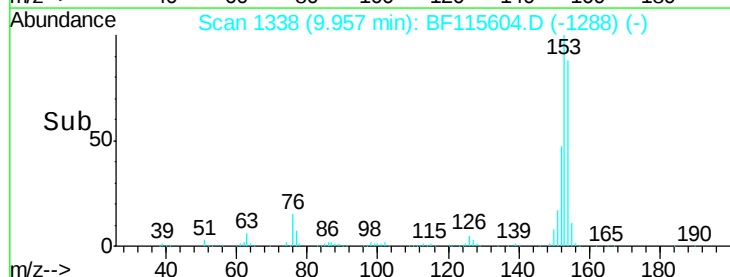


Abundance Ion 154.00 (153.70 to 154.70): E

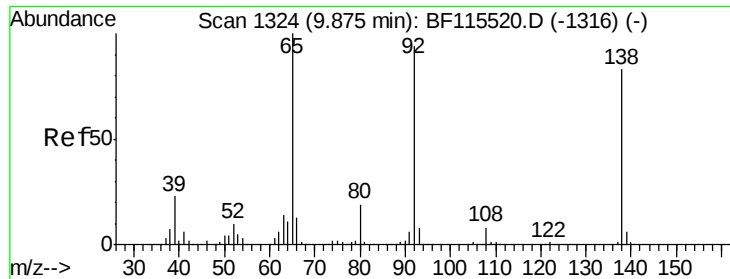
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



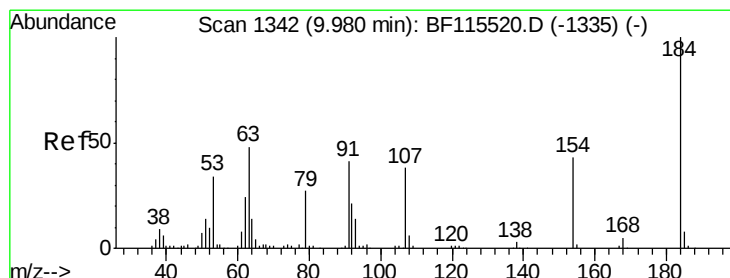
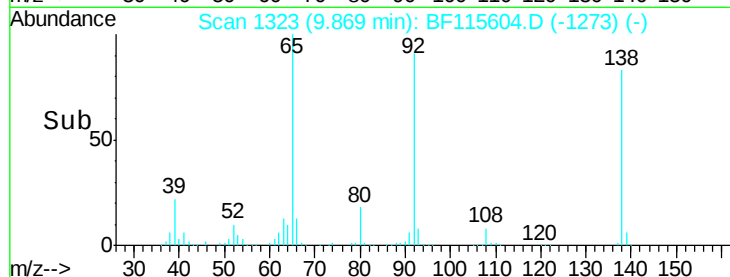
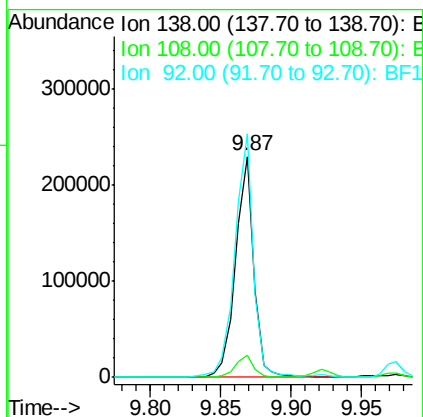
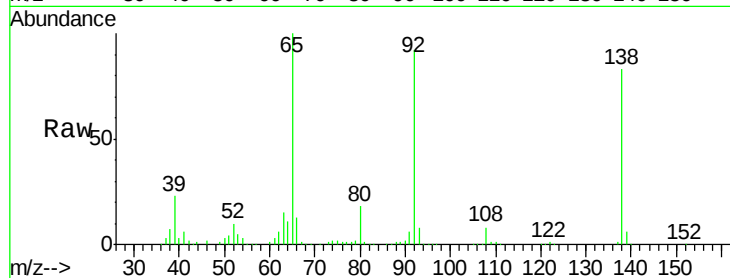
Time-->



#53
3-Nitroaniline
Concen: 30.448 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

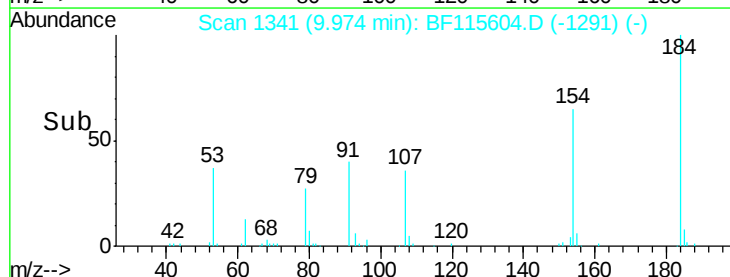
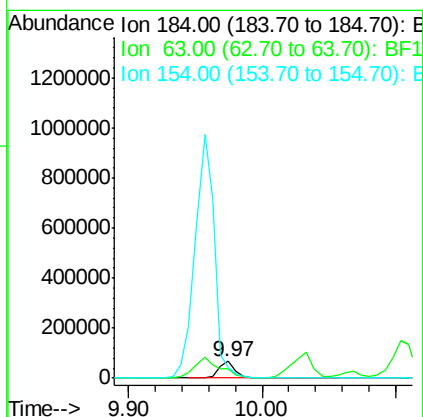
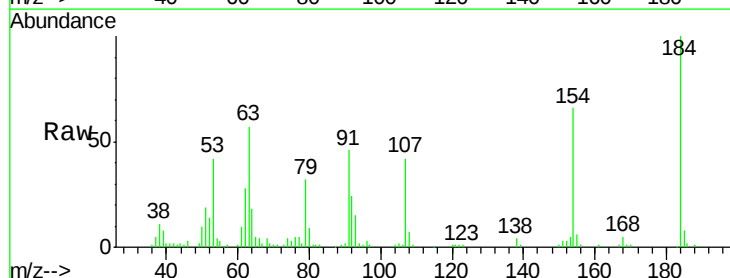
Instrument :
BNA_F
ClientSampleId :

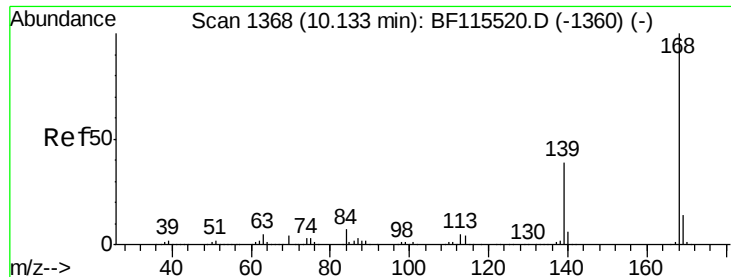
Tot Ion:138 Resp: 208786
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 110.4 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 19.482 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:184 Resp: 60020
Ion Ratio Lower Upper
184 100
63 57.3 48.7 73.1
154 65.9 48.6 73.0

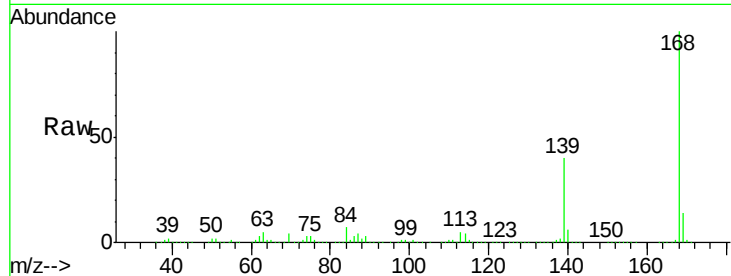




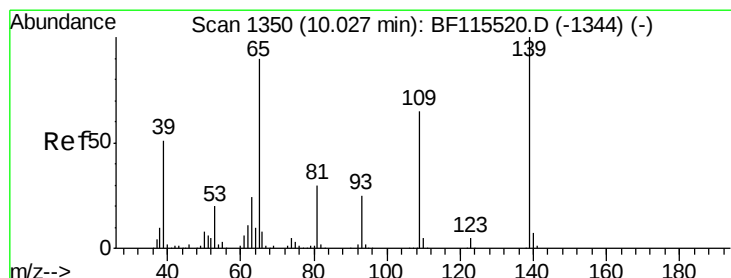
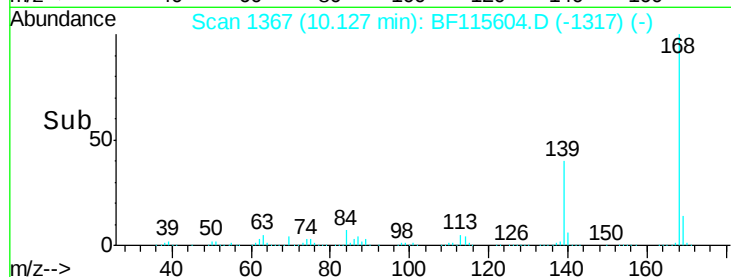
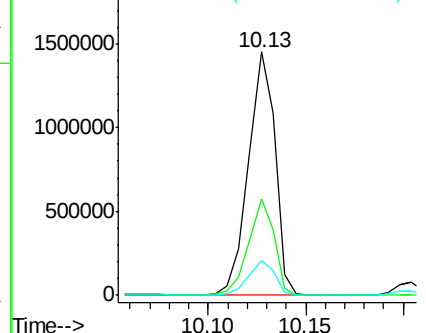
#55
Dibenzenofuran
Concen: 44.382 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1377461
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.2 11.1 16.7

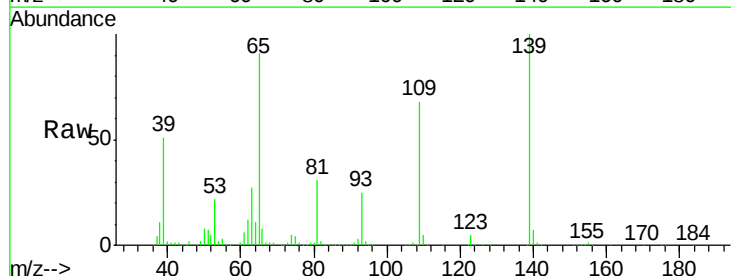


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

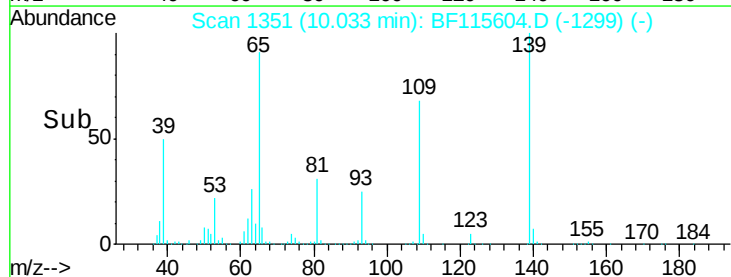
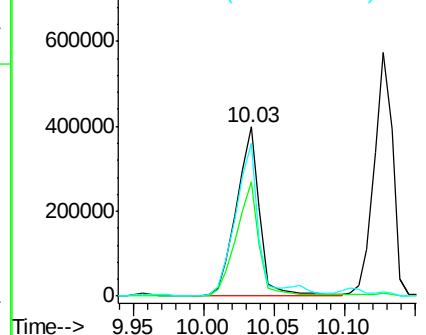


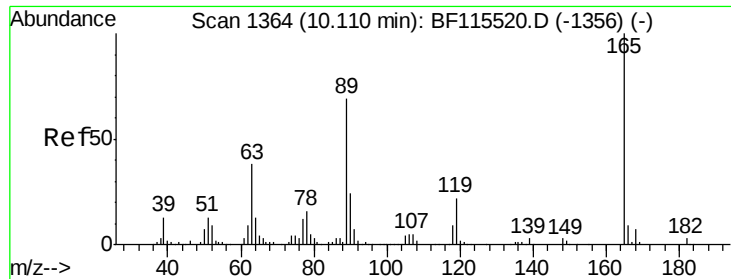
#56
4-Nitrophenol
Concen: 87.835 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:139 Resp: 459283
Ion Ratio Lower Upper
139 100
109 67.7 46.4 86.4
65 90.6 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
800000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

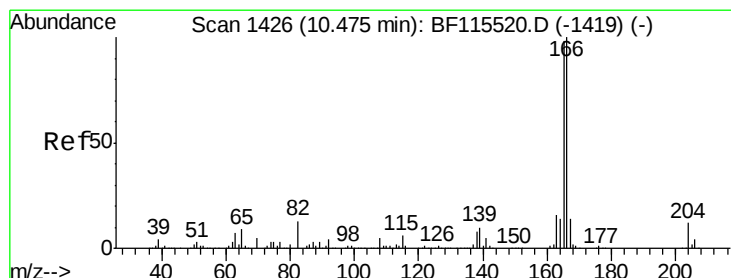
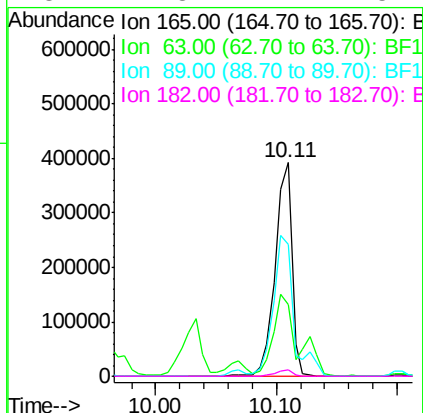
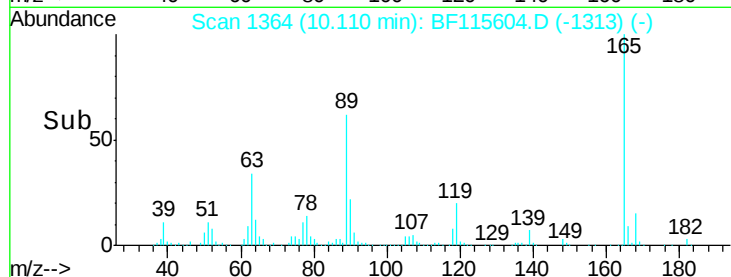
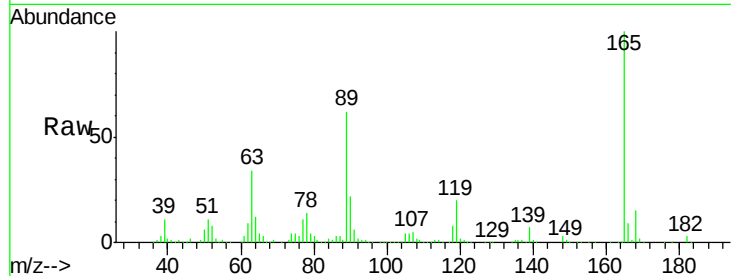




#57
2,4-Dinitrotoluene
Concen: 48.330 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

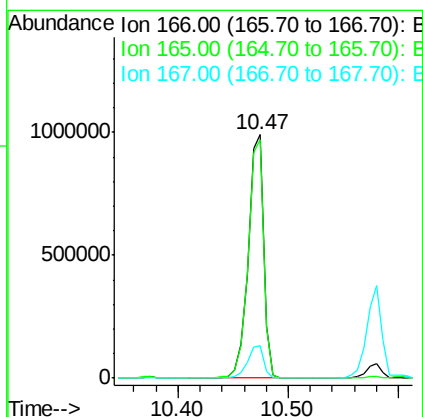
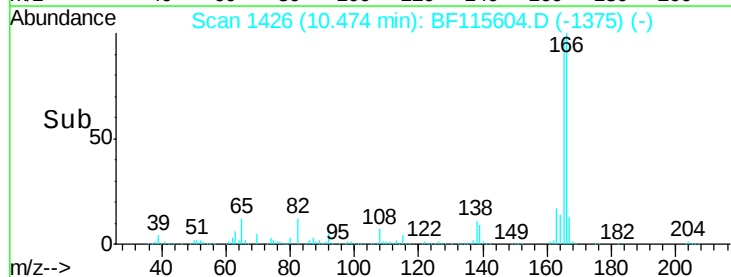
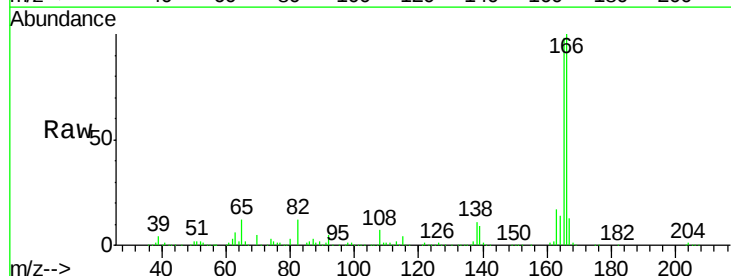
Instrument :
BNA_F
ClientSampled :

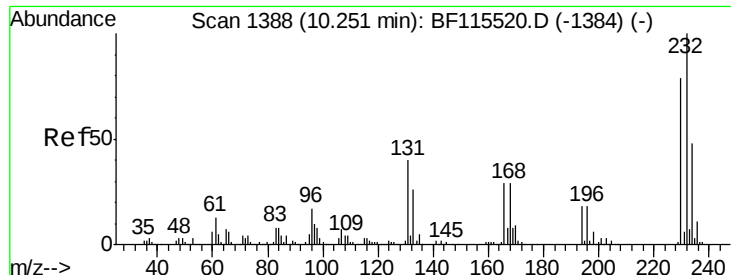
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.8	34.9	52.3#
89	61.8	57.5	86.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 43.846 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.3	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.249 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 299380

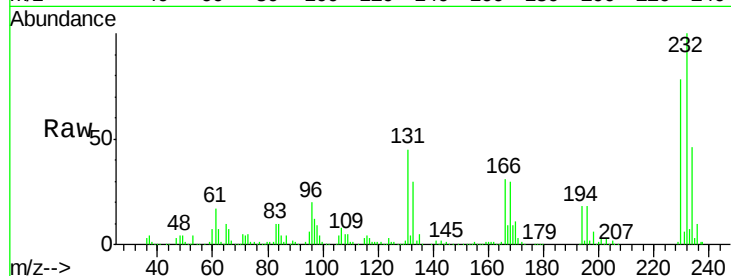
Ion Ratio Lower Upper

232 100

131 44.3 35.9 53.9

130 2.2 1.8 2.6

166 30.2 24.8 37.2

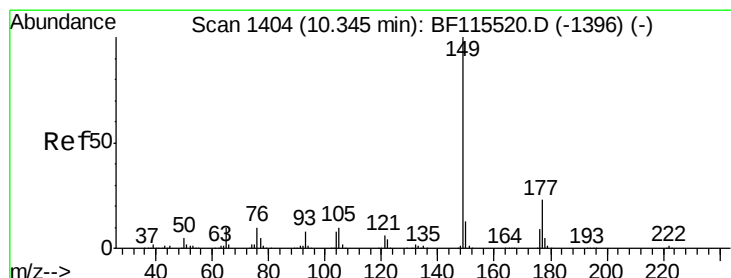
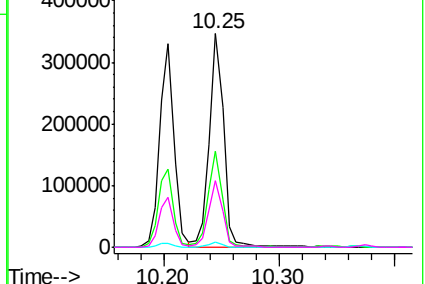
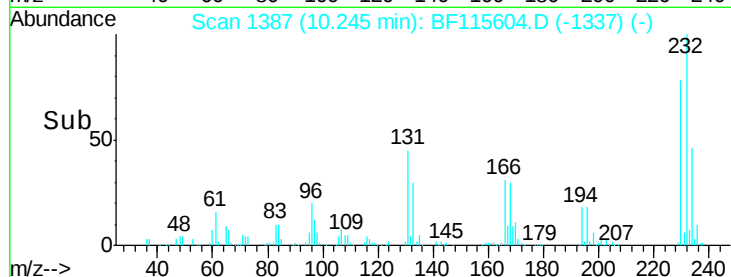


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.160 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

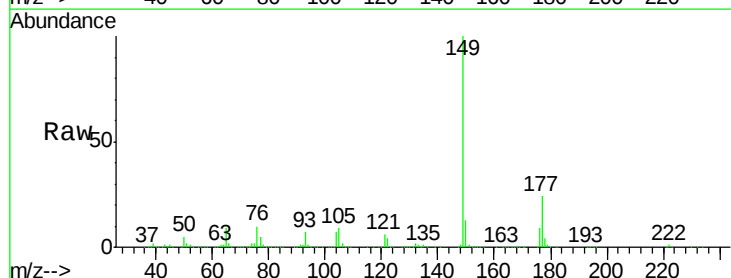
Tgt Ion:149 Resp: 1117241

Ion Ratio Lower Upper

149 100

177 23.7 19.5 29.3

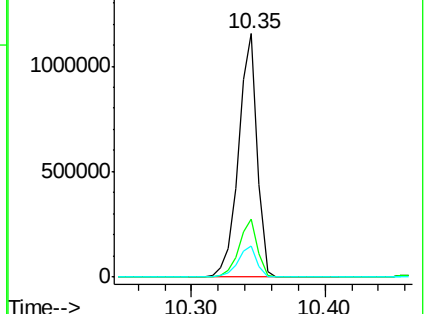
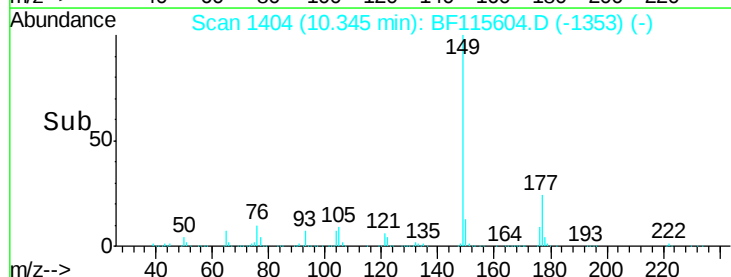
150 12.7 10.4 15.6

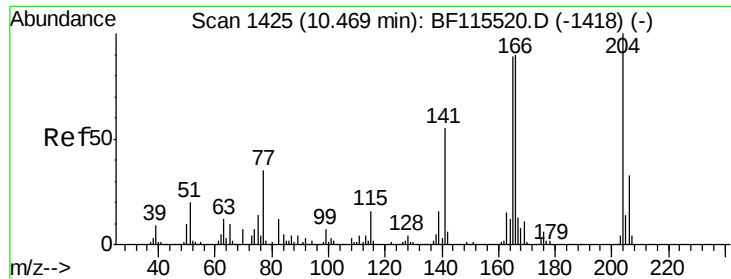


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

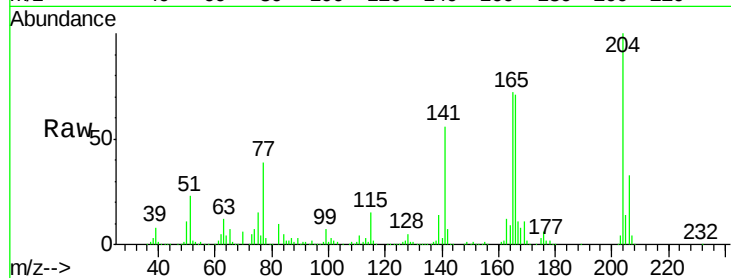




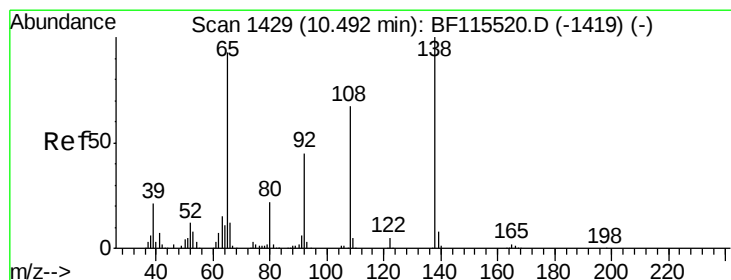
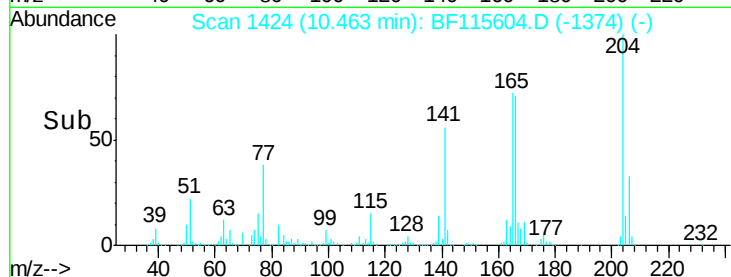
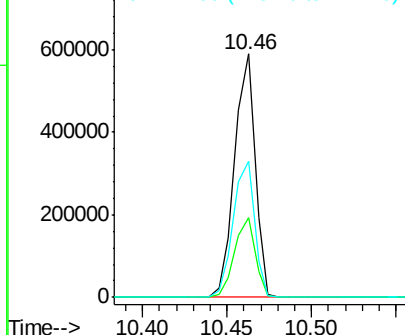
#61
4-Chlorophenyl-phenylether
Concen: 40.621 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 499810
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 55.9 44.2 66.2

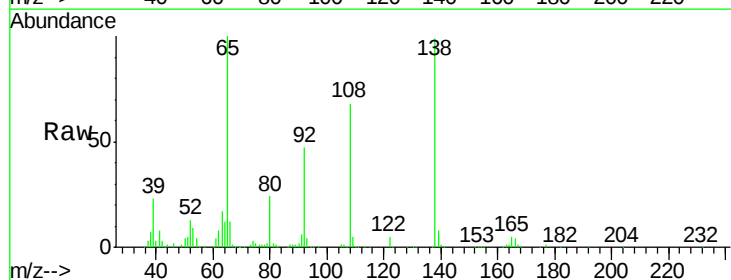


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

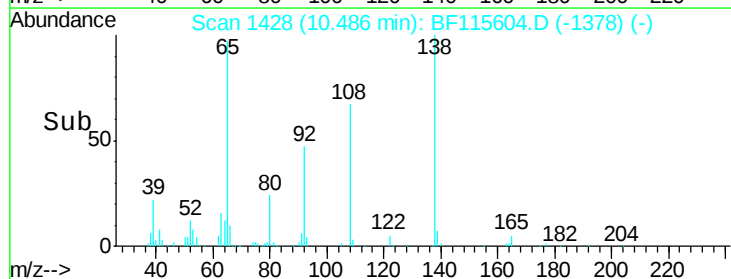
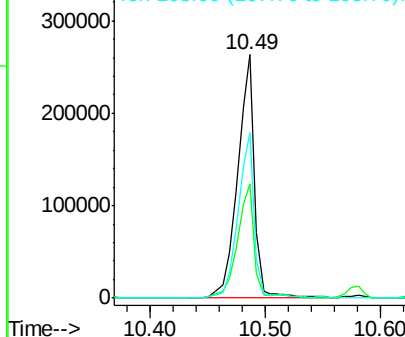


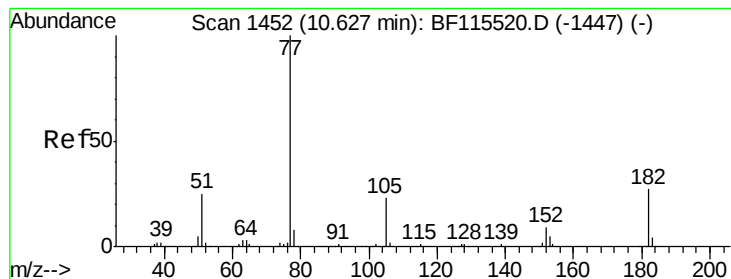
#62
4-Nitroaniline
Concen: 40.755 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:138 Resp: 268067
Ion Ratio Lower Upper
138 100
92 47.1 27.1 67.1
108 68.2 48.0 88.0



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: 44.833 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1075845

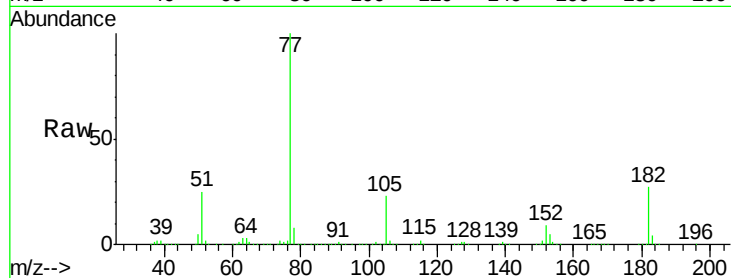
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.9	46.9
105	22.8	3.9	43.9
51	25.4	7.3	47.3

77 100

182 26.6 6.9 46.9

105 22.8 3.9 43.9

51 25.4 7.3 47.3

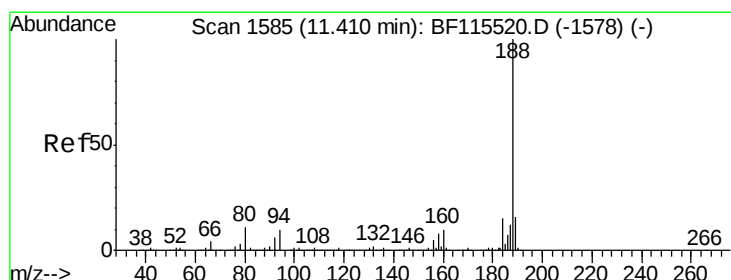
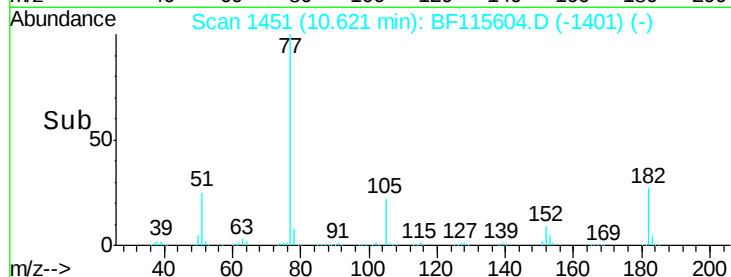
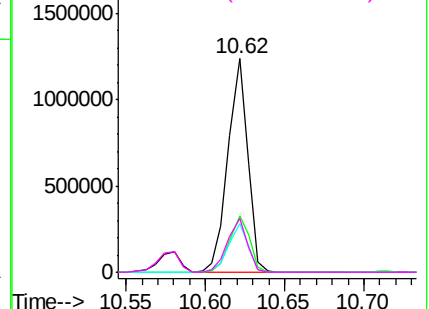


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

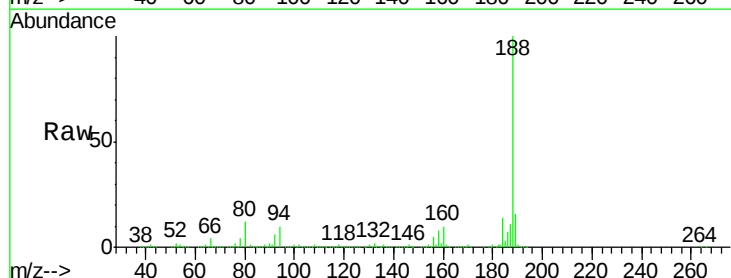
Tgt Ion: 188 Resp: 616452

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.8	11.6
80	11.5	8.6	13.0

188 100

94 10.5 7.8 11.6

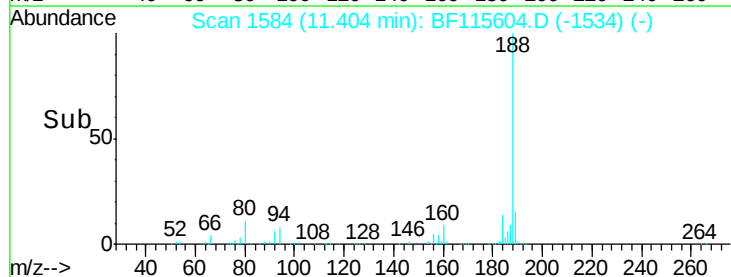
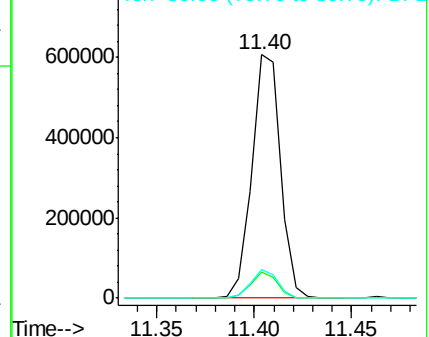
80 11.5 8.6 13.0

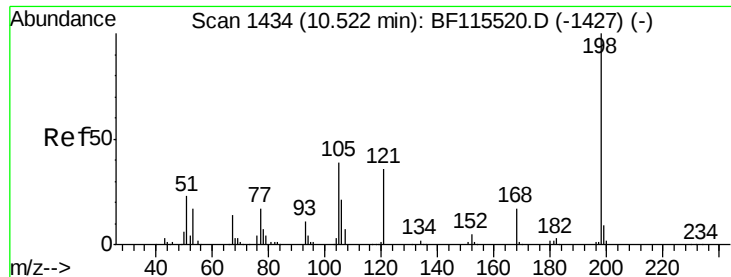


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

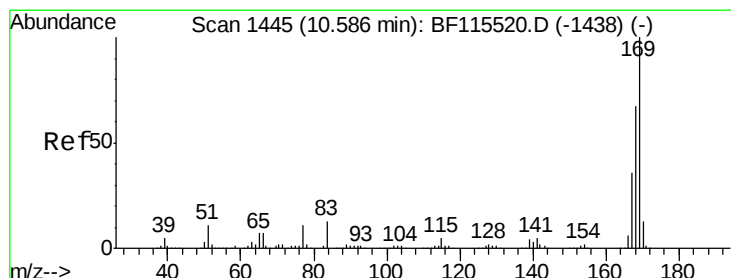
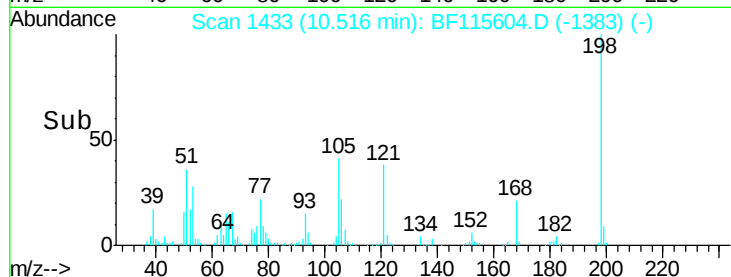
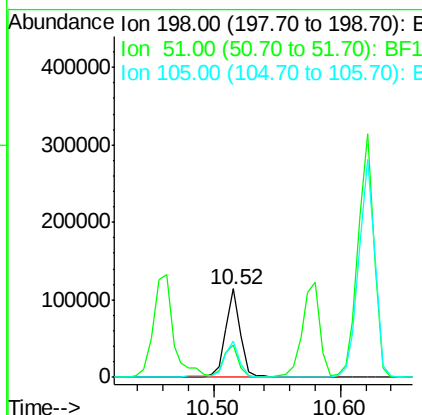
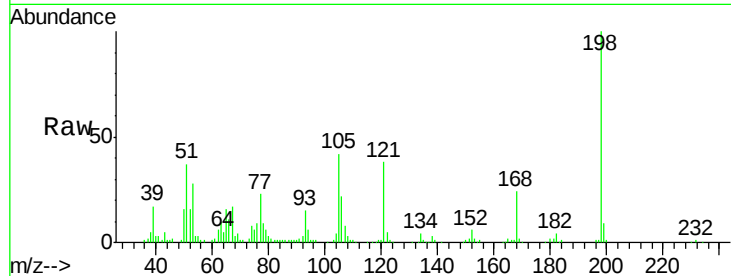




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.609 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

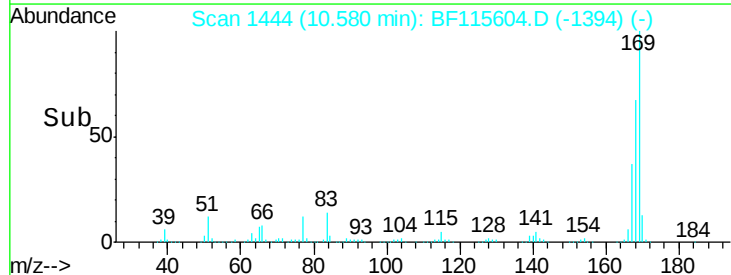
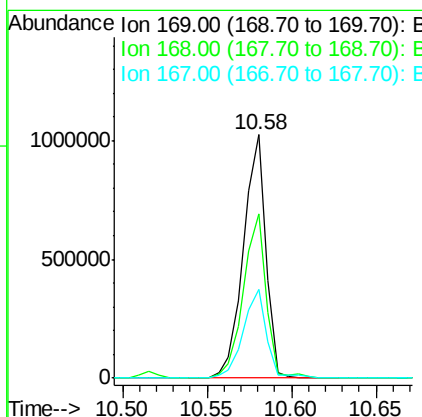
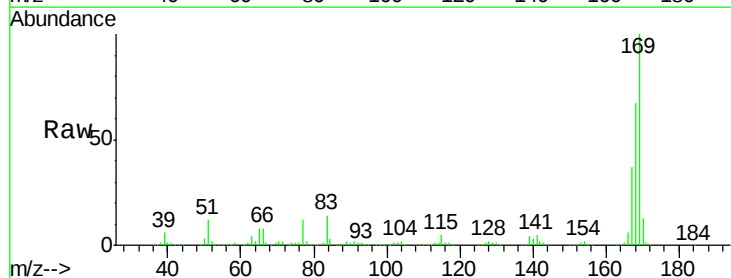
Instrument :
 BNA_F
 ClientSampleId :

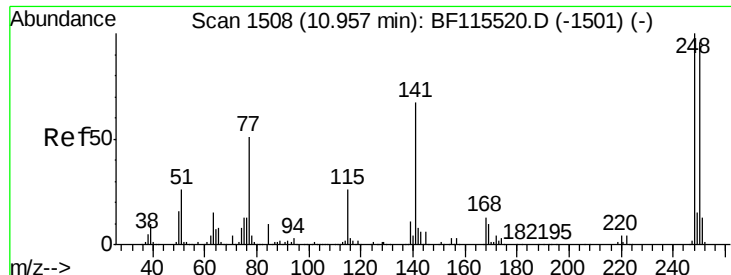
Tot Ion	198	Resp	92687
Ion Ratio	100	Lower	Upper
51	36.7	19.1	59.1
105	41.5	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 49.689 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion	169	Resp	952813
Ion Ratio	100	Lower	Upper
168	67.2	54.3	81.5
167	36.7	30.2	45.2

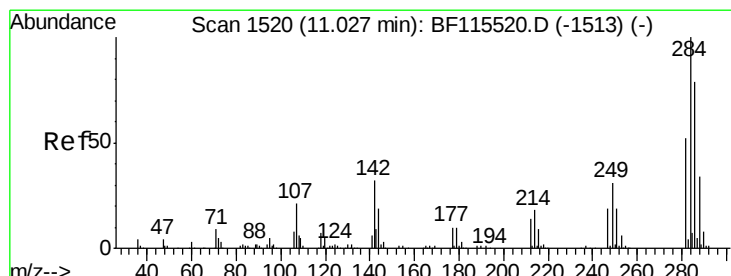
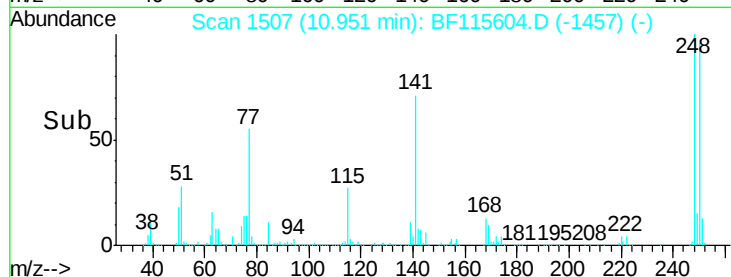
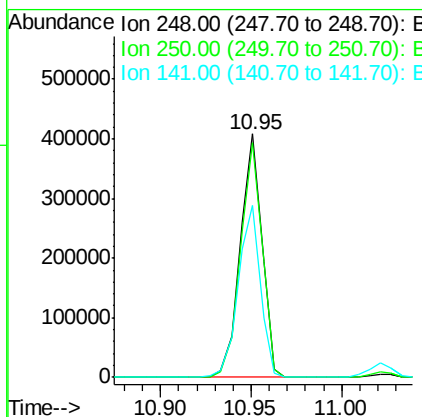
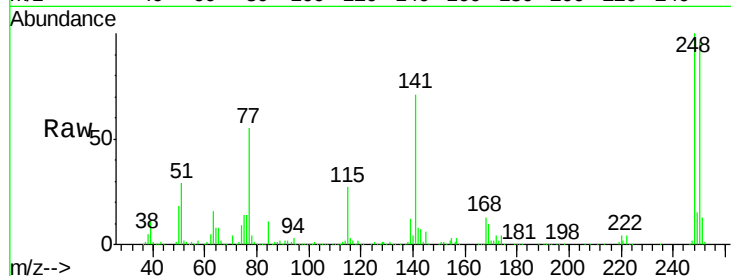




#67
4-Bromophenyl-phenylether
Concen: 48.217 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

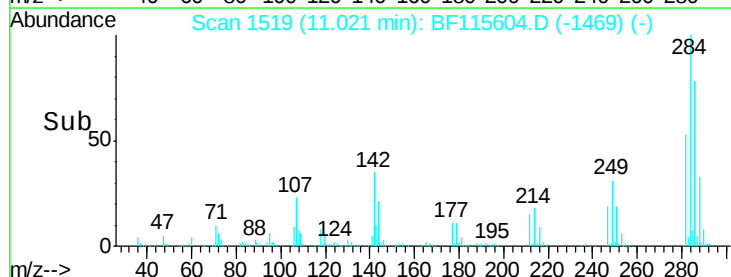
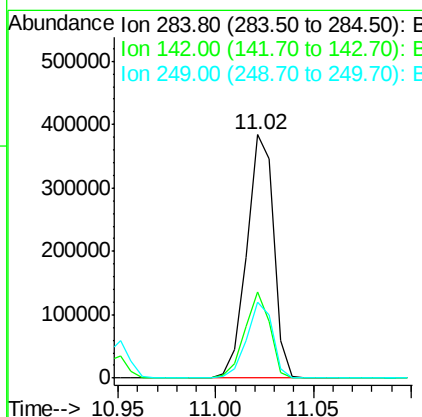
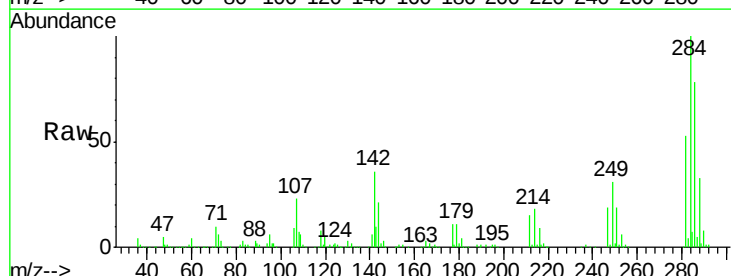
Instrument :
BNA_F
ClientSampleId :

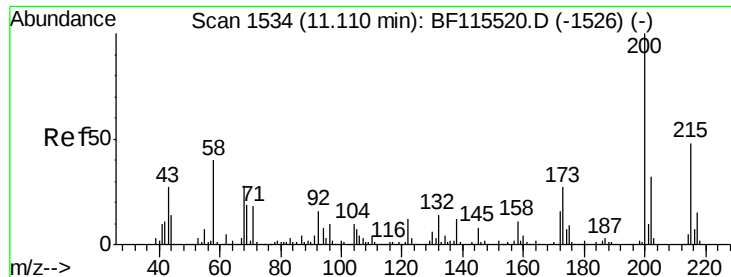
Tot Ion:248 Resp: 339671
Ion Ratio Lower Upper
248 100
250 96.1 78.0 117.0
141 70.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.451 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:284 Resp: 365653
Ion Ratio Lower Upper
284 100
142 35.6 22.2 33.2#
249 30.9 23.4 35.2





#69

Atrazine

Concen: 50.973 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

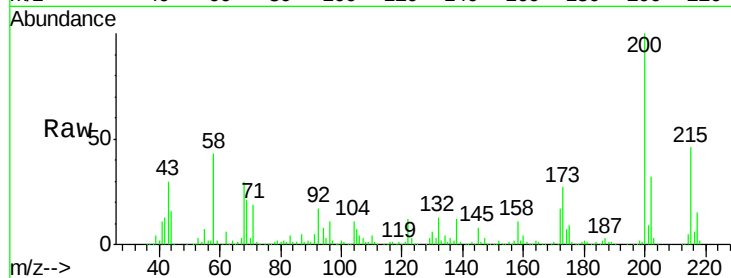
Tot Ion:200 Resp: 320656

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

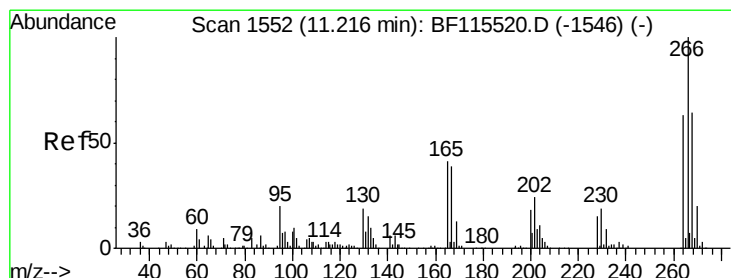
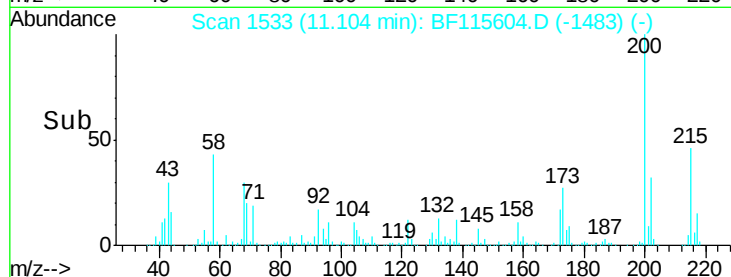
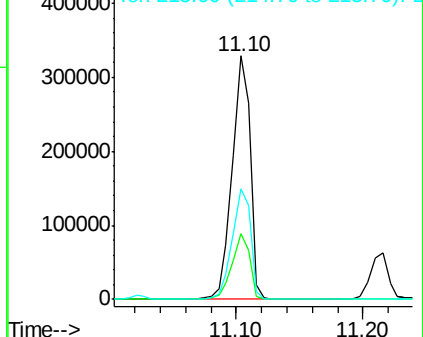
215 45.6 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.144 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

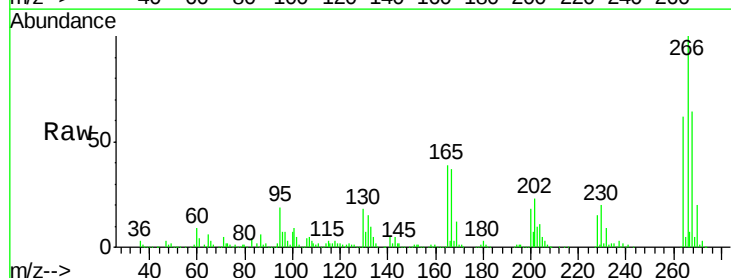
Tgt Ion:266 Resp: 359900

Ion Ratio Lower Upper

266 100

268 63.9 51.6 77.4

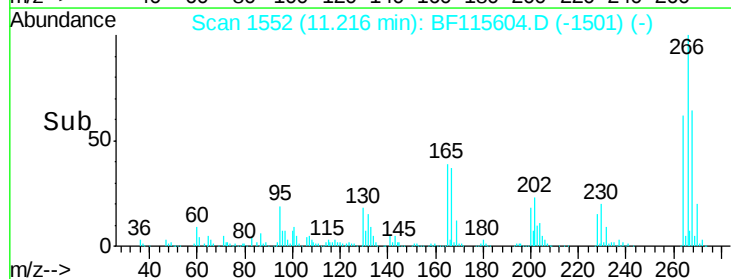
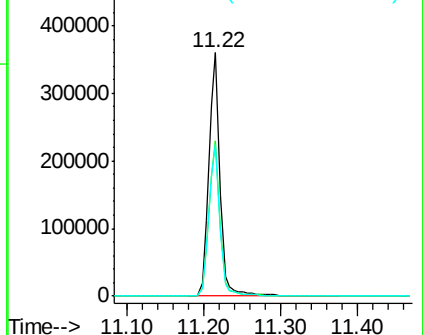
264 62.1 50.6 76.0

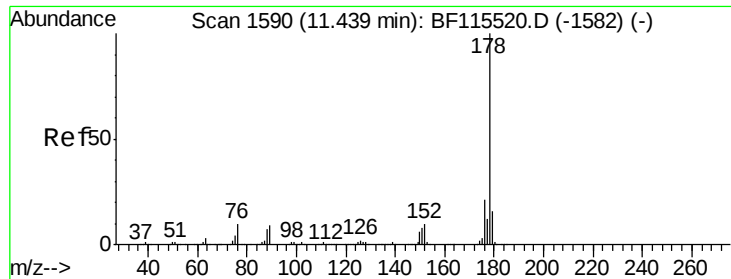


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

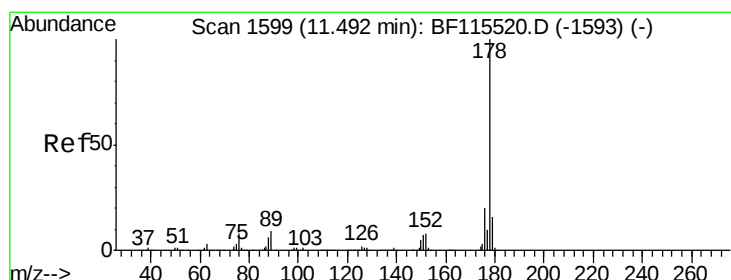
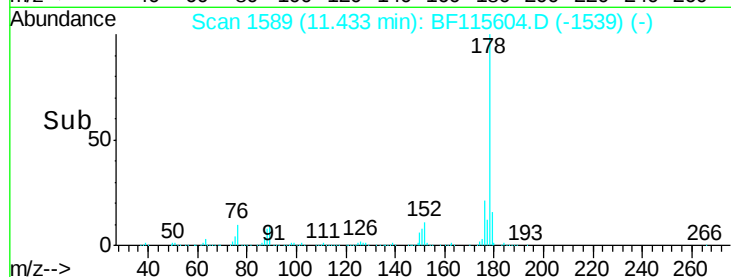
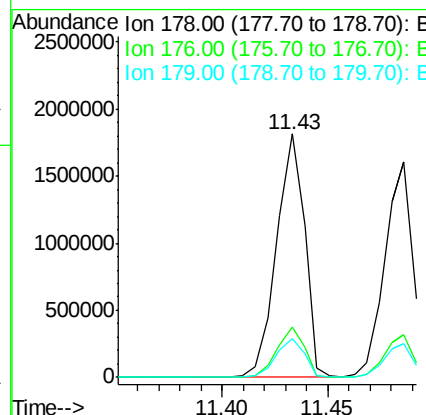
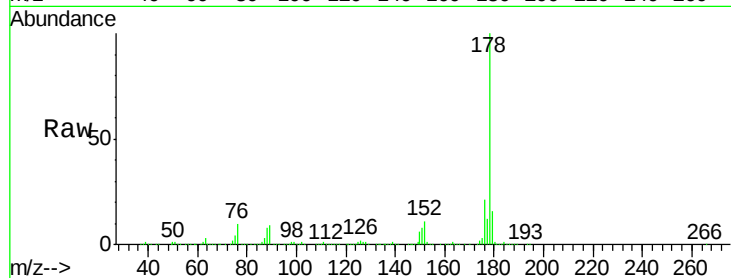




#71
Phenanthrene
Concen: 53.303 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

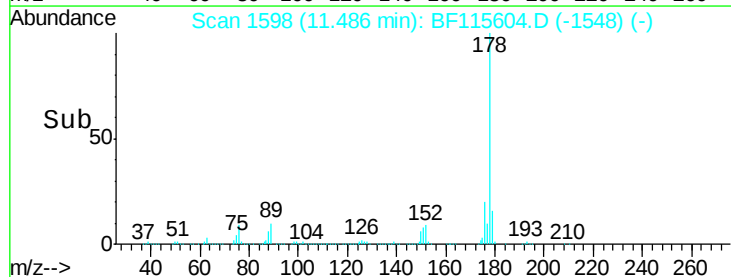
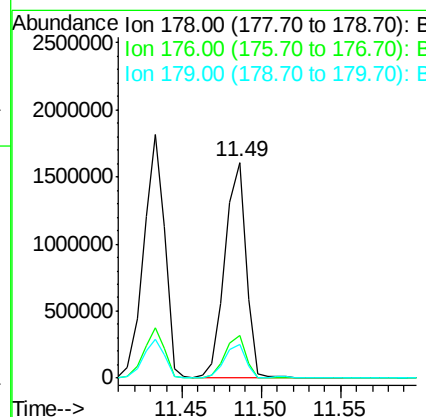
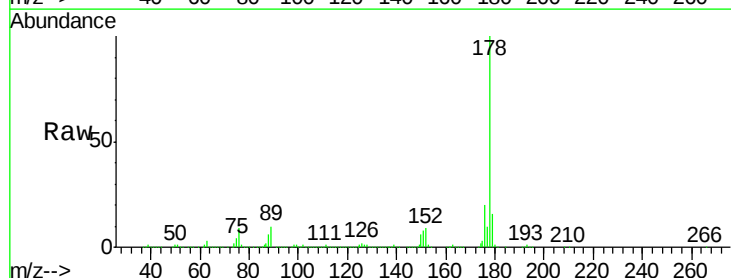
Instrument :
BNA_F
ClientSampled :

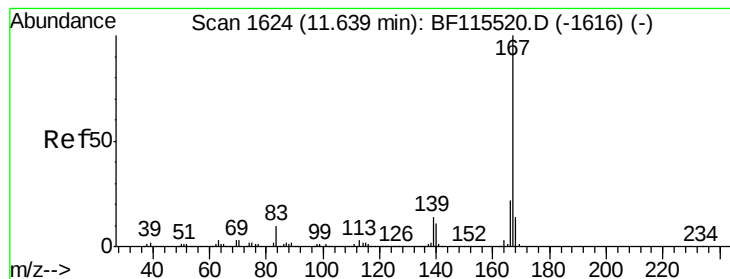
Tot Ion:178 Resp: 1684323
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 16.1 13.5 20.3



#72
Anthracene
Concen: 45.821 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:178 Resp: 1496325
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.8 12.7 19.1





#73

Carbazole

Concen: 48.228 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

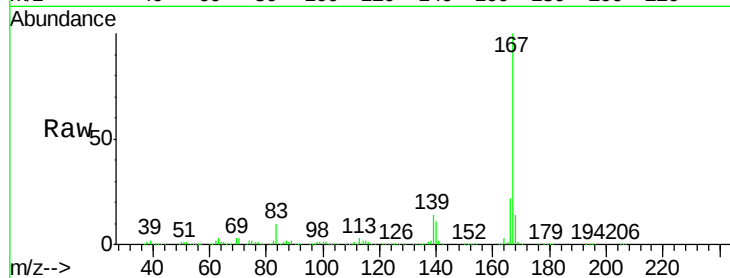
Tot Ion:167 Resp: 1381096

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

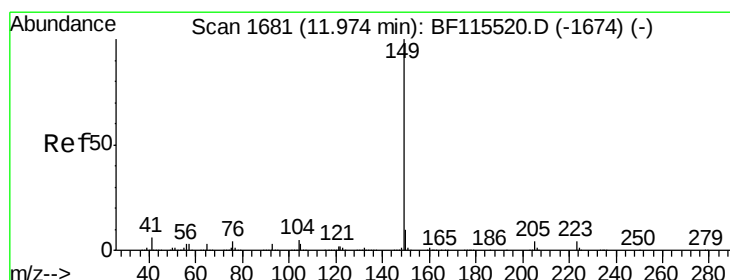
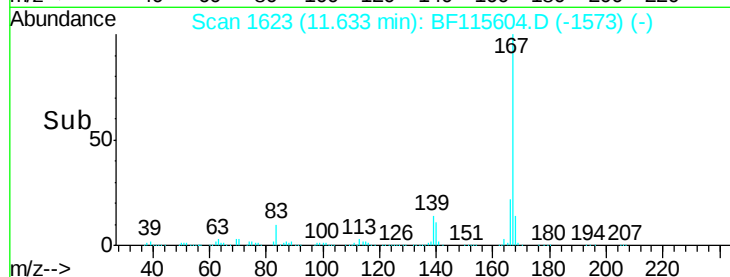
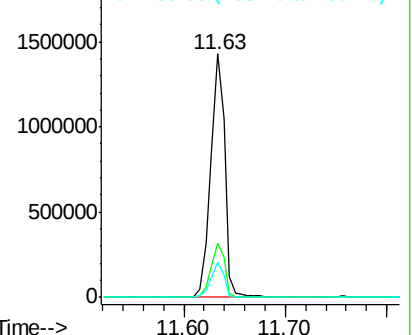
139 14.1 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.545 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

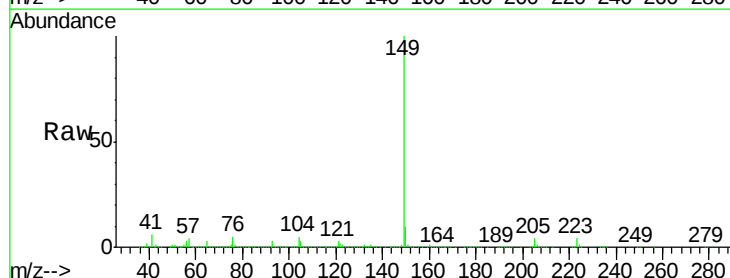
Tgt Ion:149 Resp: 1677120

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

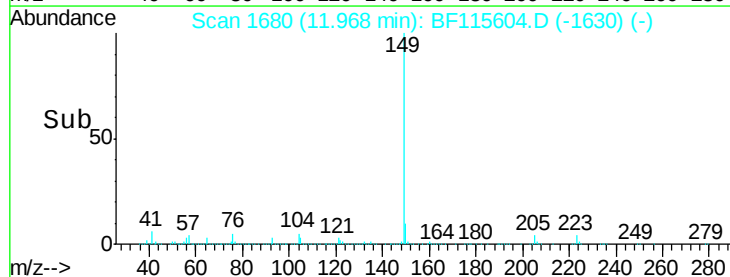
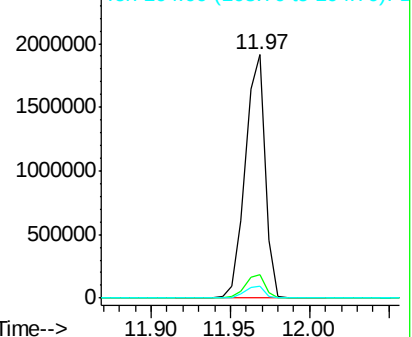
104 5.1 3.8 5.8

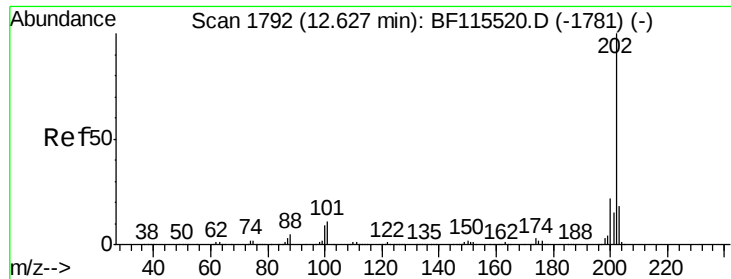


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.488 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

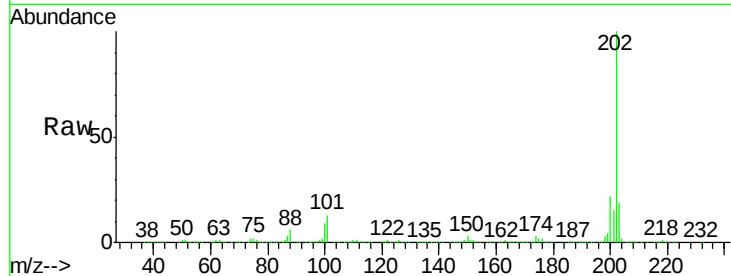
Tot Ion:202 Resp: 1786054

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.4

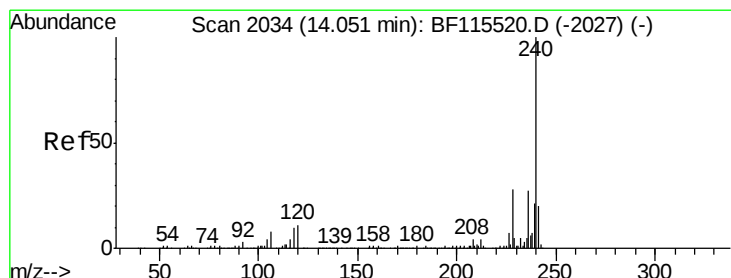
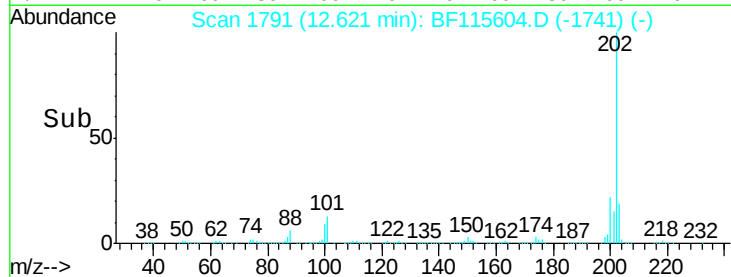
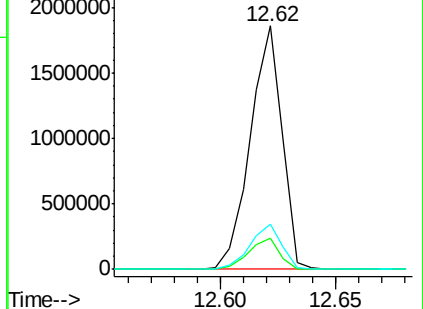
203 18.5 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

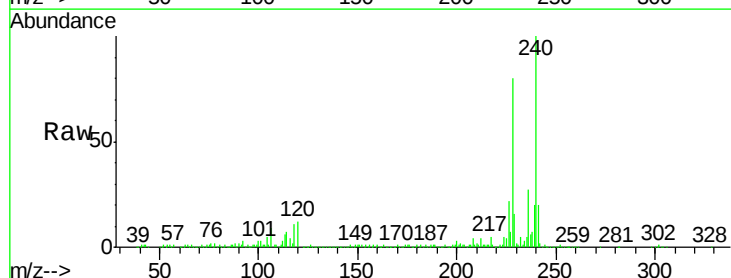
Tgt Ion:240 Resp: 384905

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

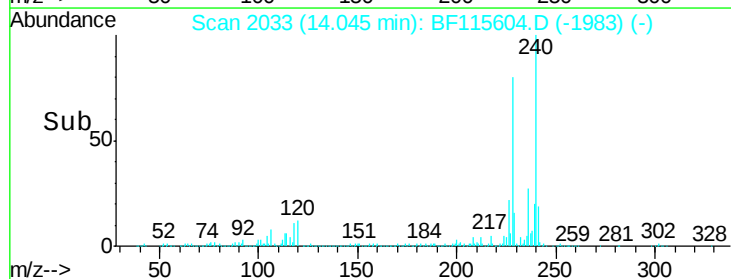
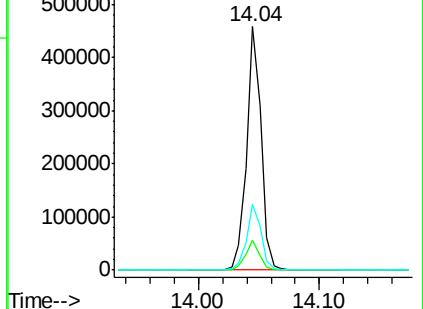
236 27.1 21.3 31.9

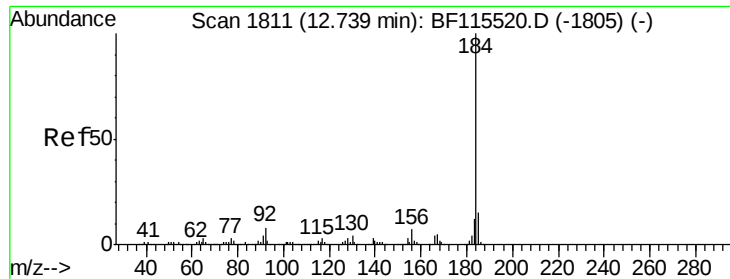


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.821 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

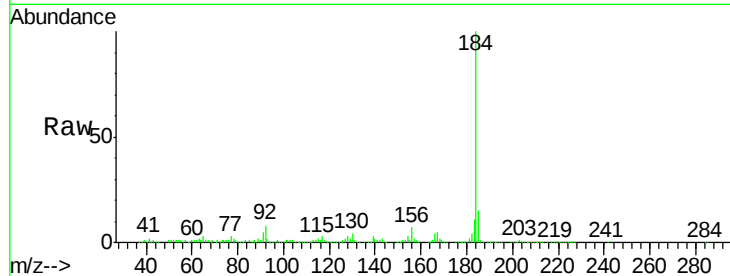
Tot Ion:184 Resp: 570245

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

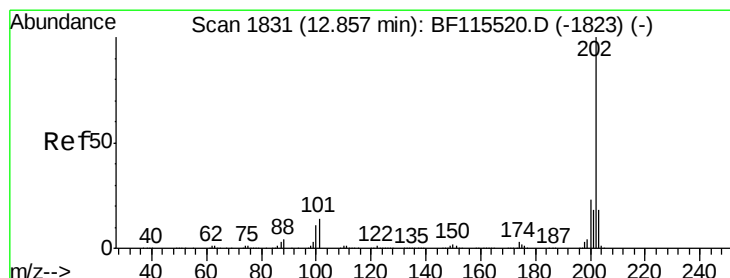
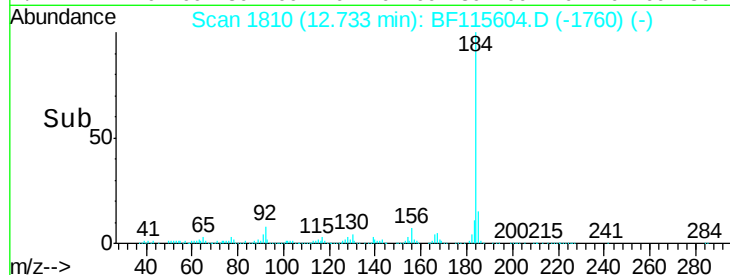
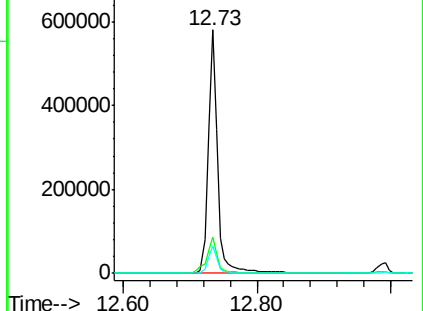
183 11.4 9.3 13.9



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: 53.820 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

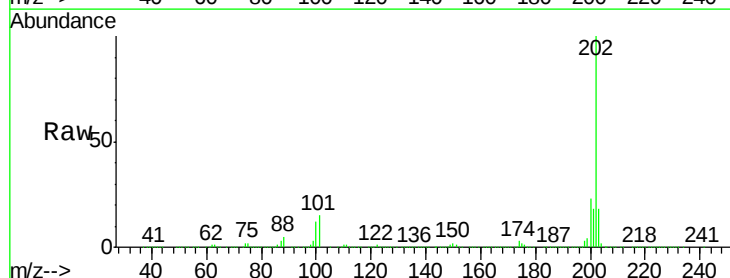
Tgt Ion:202 Resp: 1755087

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

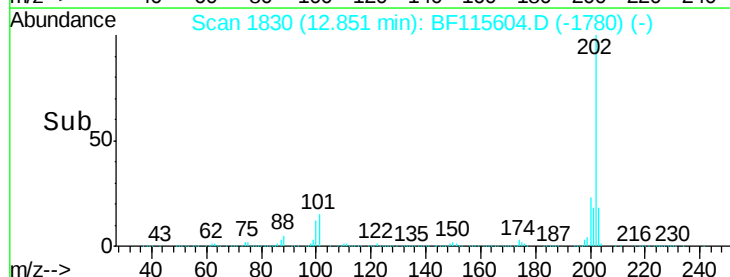
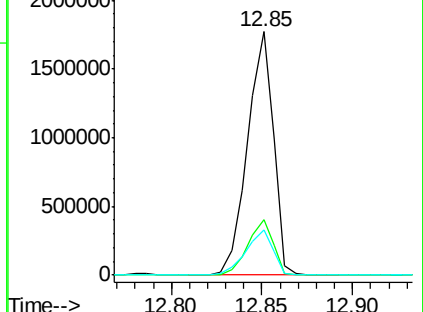
203 18.3 15.2 22.8

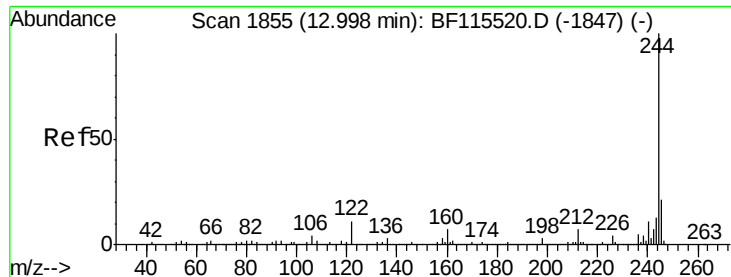


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

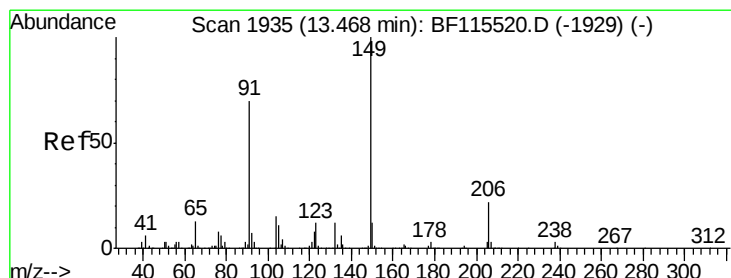
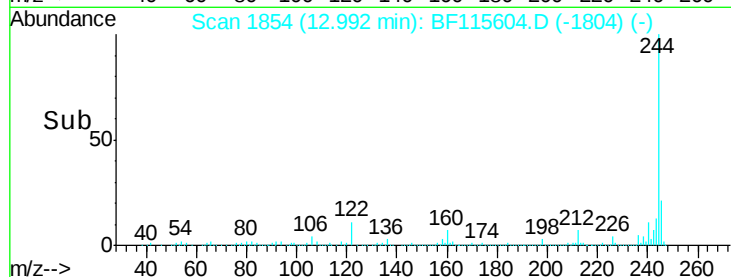
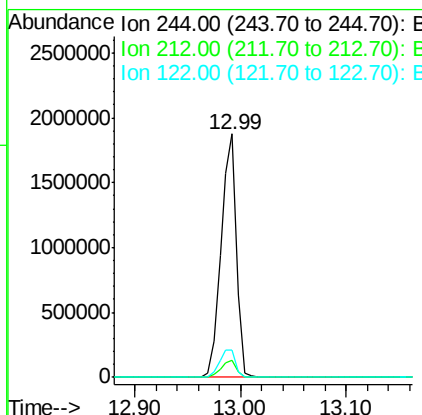
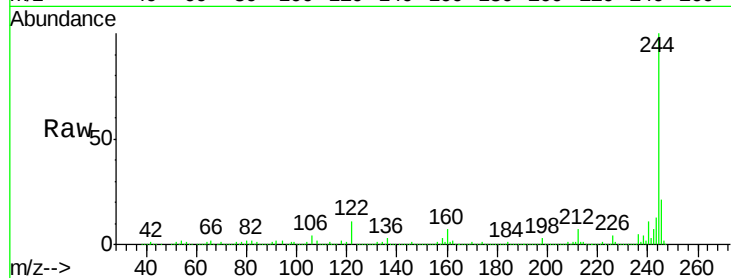




#79
 Terphenyl-d14
 Concen: 91.420 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

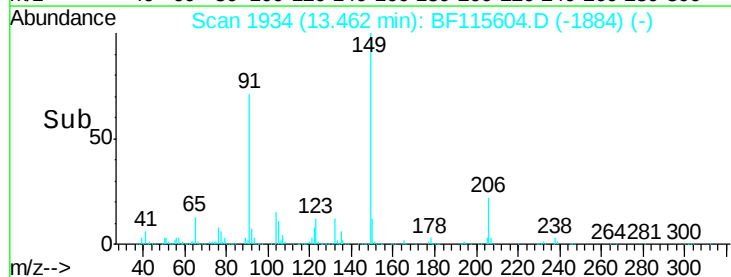
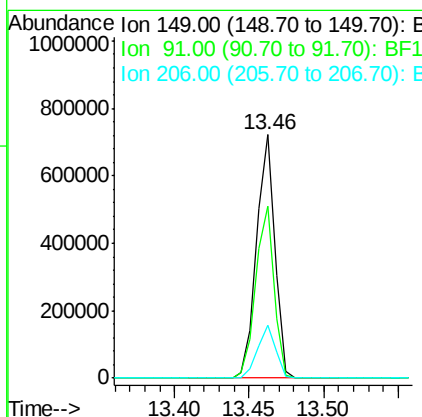
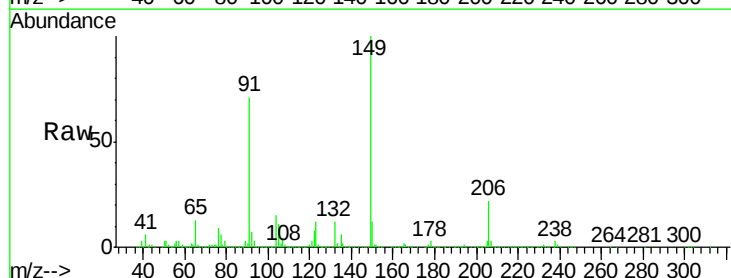
Instrument :
 BNA_F
 ClientSampled :

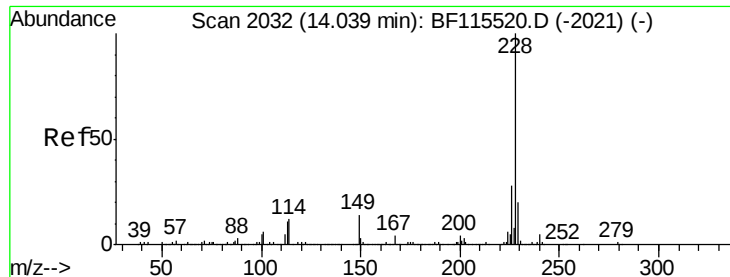
Tot Ion:244 Resp: 1907040
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.2 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 43.485 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115604.D
 Acq: 16 Jul 2019 18:24

Tgt Ion:149 Resp: 604523
 Ion Ratio Lower Upper
 149 100
 91 70.6 55.8 83.8
 206 21.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.602 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

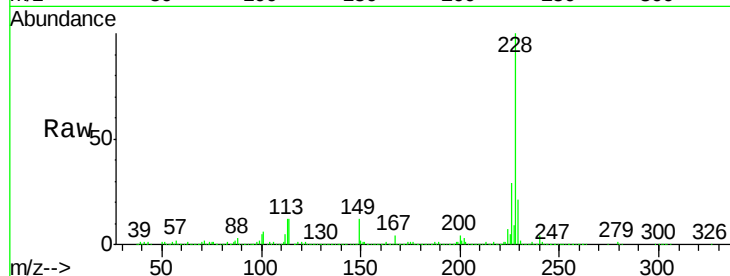
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1308516

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	21.0	17.2	25.8

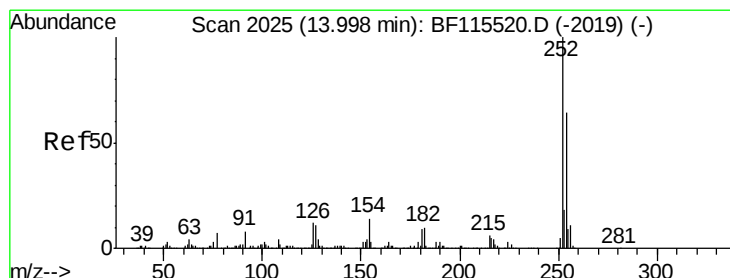
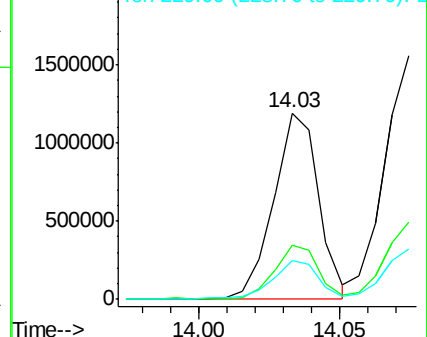
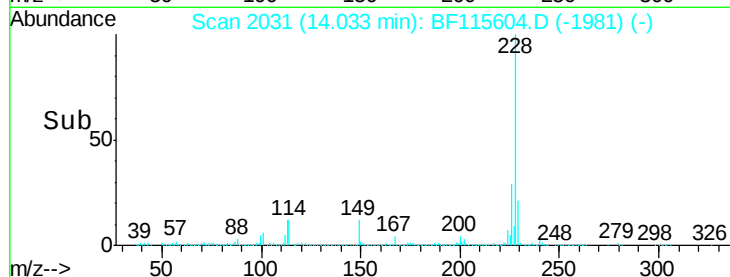


Abundance

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: 37.658 ng

RT: 13.99 min Scan# 2024

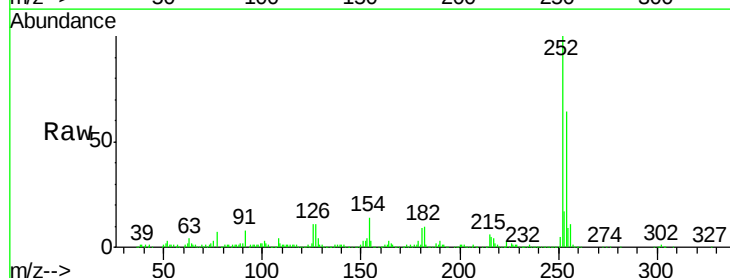
Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Tgt Ion:252 Resp: 339472

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.9	79.3
126	11.4	9.9	14.9

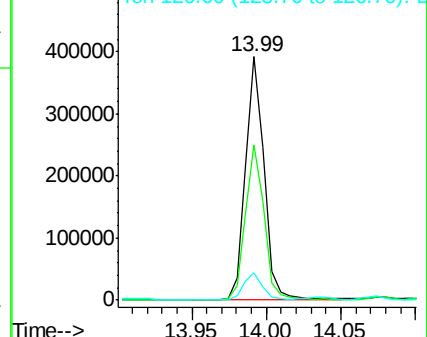
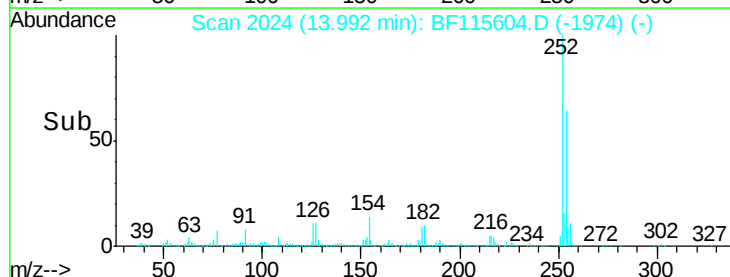


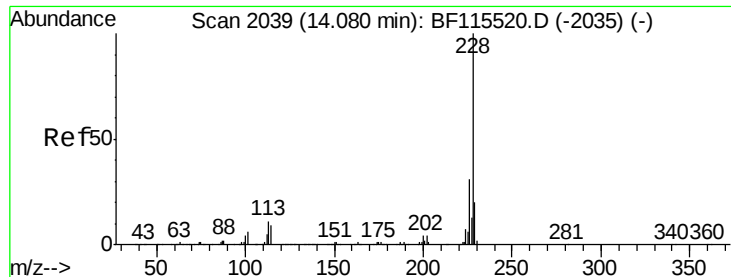
Abundance

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: 56.558 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

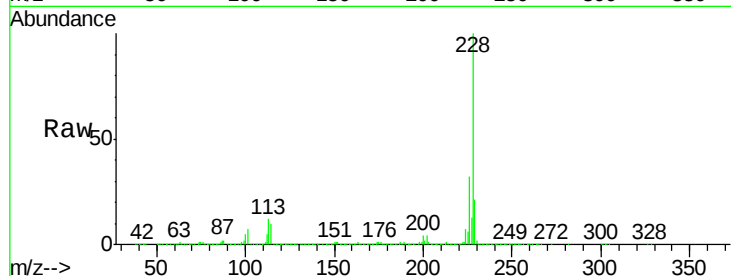
Tot Ion:228 Resp: 1439722

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

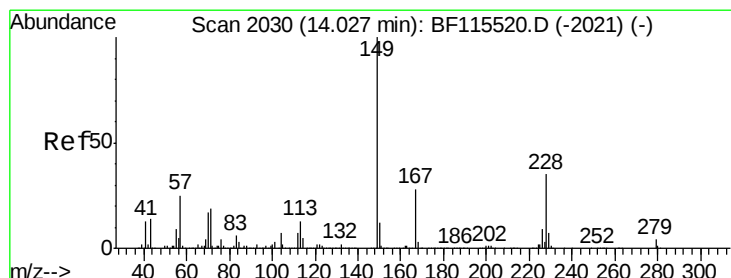
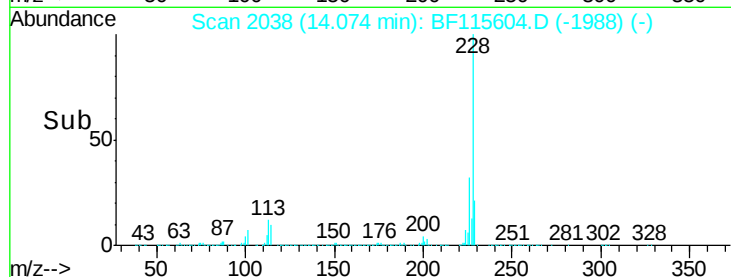
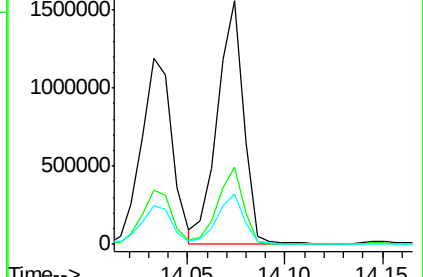
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.250 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

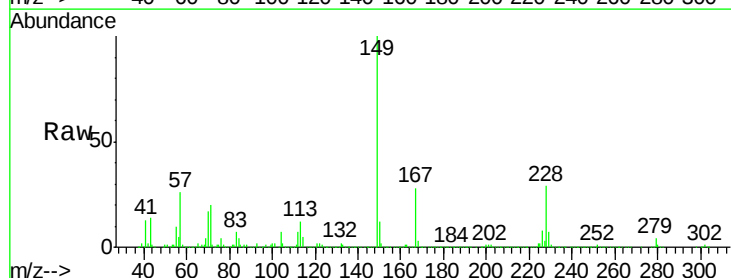
Tgt Ion:149 Resp: 813638

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

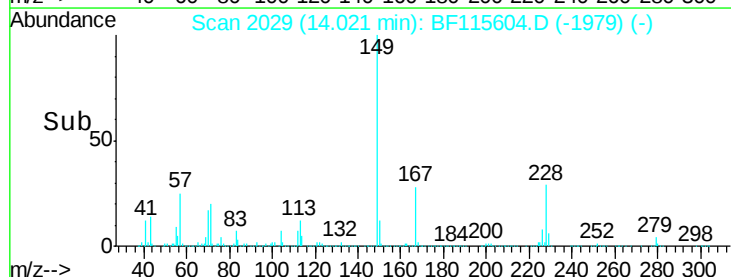
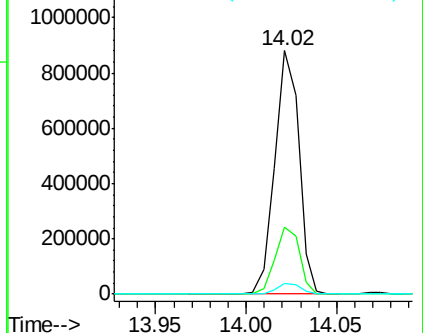
279 4.2 4.2 6.2

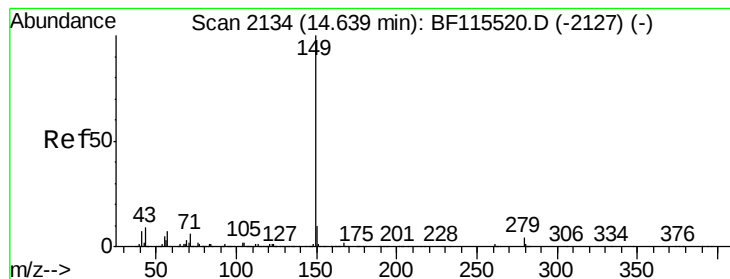


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.721 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

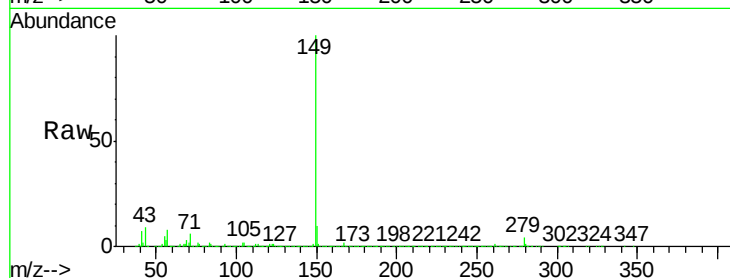
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1471853

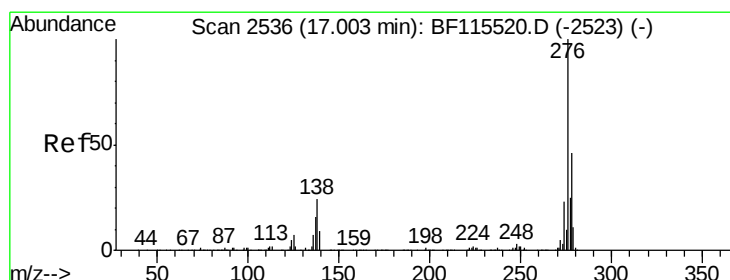
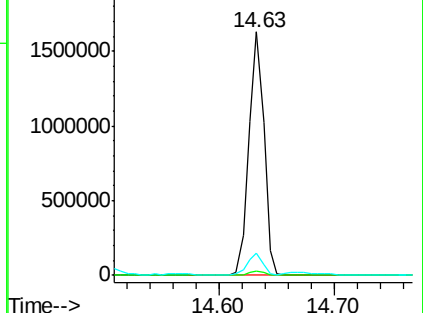
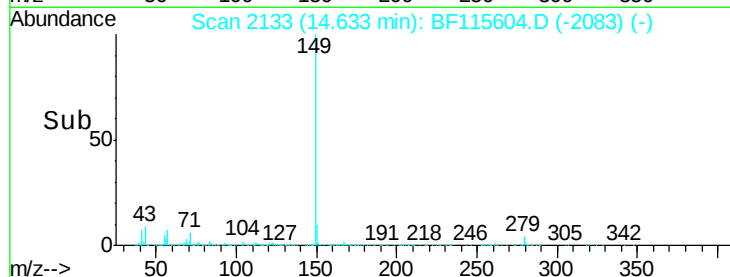
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.4	7.2	10.8



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: 62.774 ng

RT: 17.00 min Scan# 2535

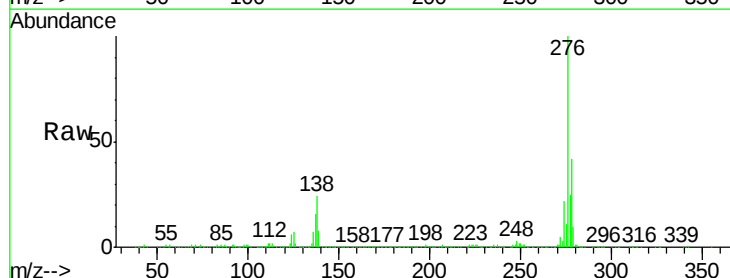
Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Tgt Ion:276 Resp: 1357597

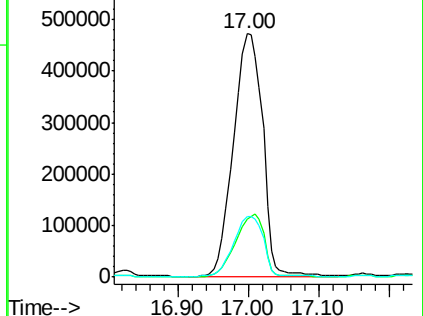
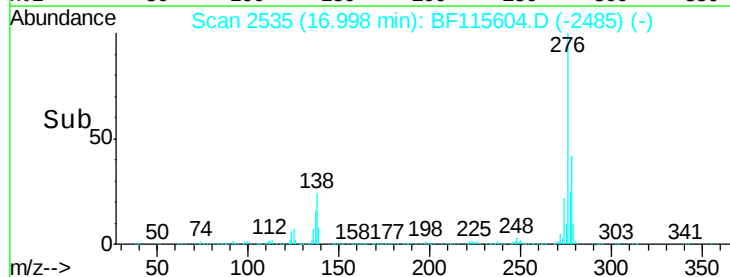
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	24.8	20.4	30.6

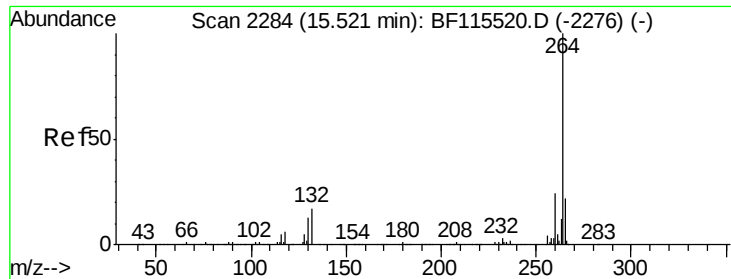


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

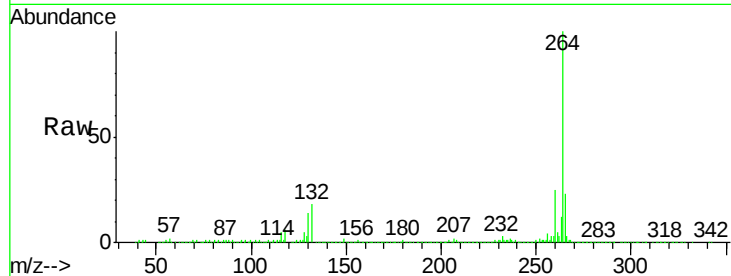
Tot Ion:264 Resp: 507680

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

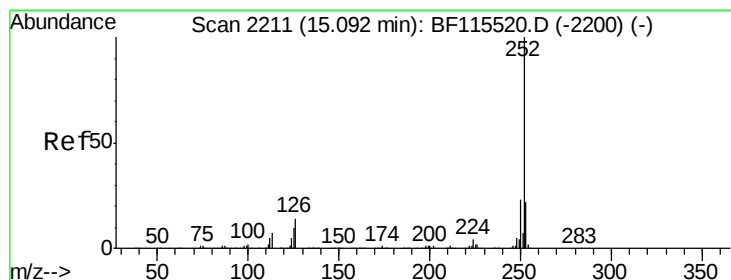
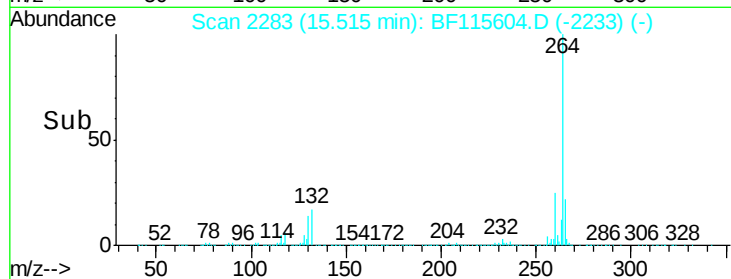
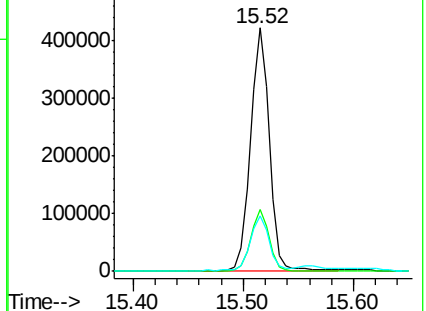
265 22.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.550 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

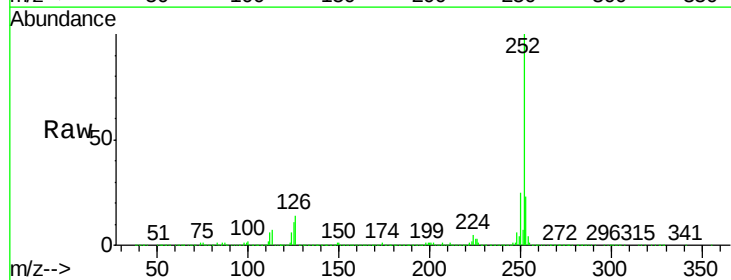
Tgt Ion:252 Resp: 1685194

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

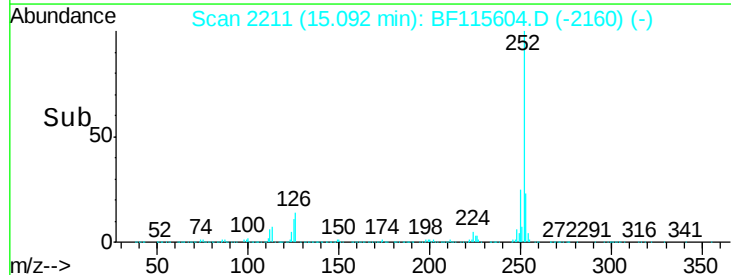
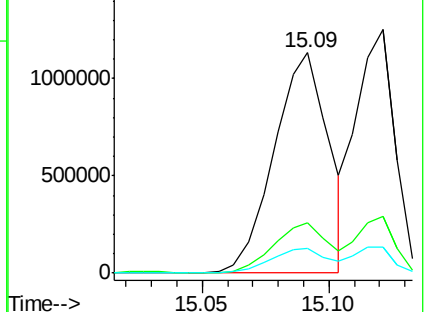
125 11.3 9.0 13.4

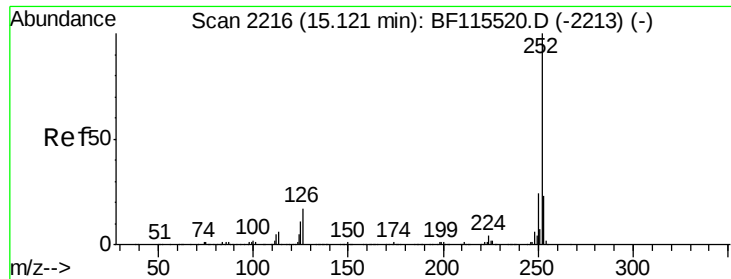


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

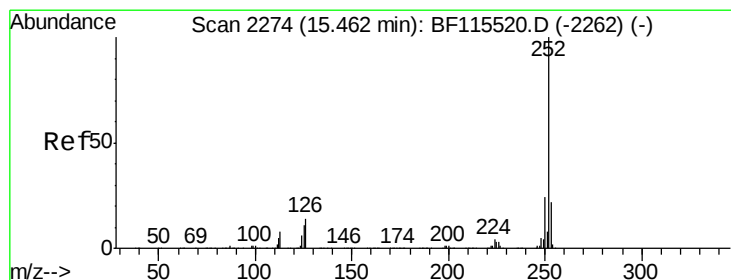
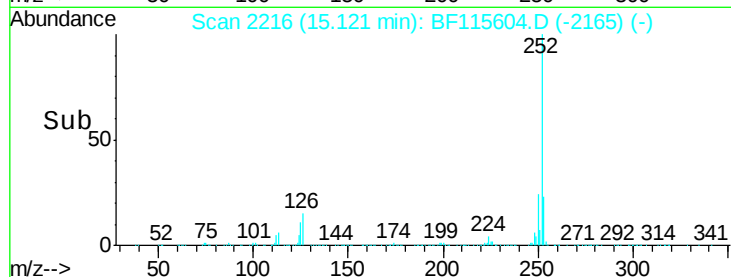
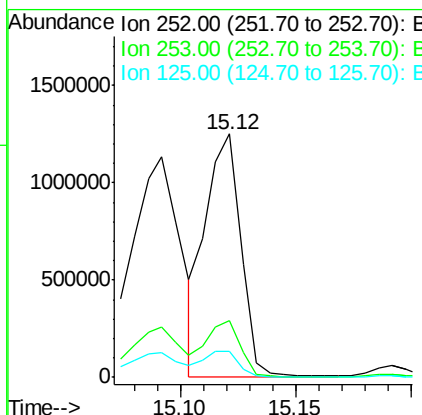
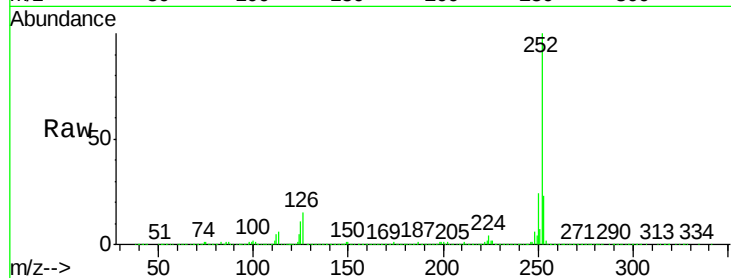




#89
Benzo(k)fluoranthene
Concen: 45.833 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

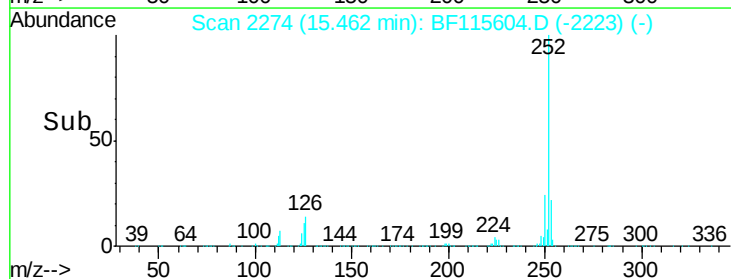
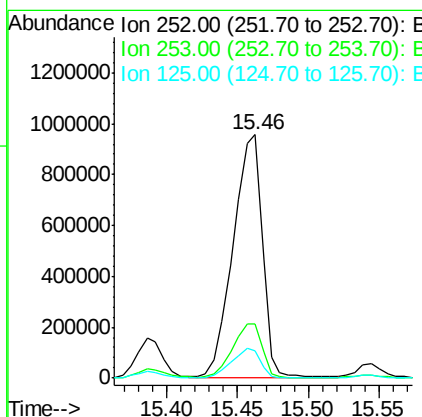
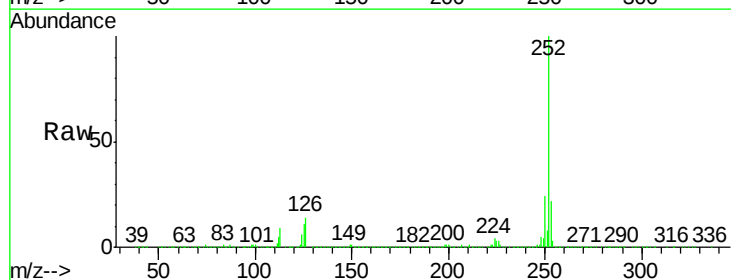
Instrument :
BNA_F
ClientSampleId :

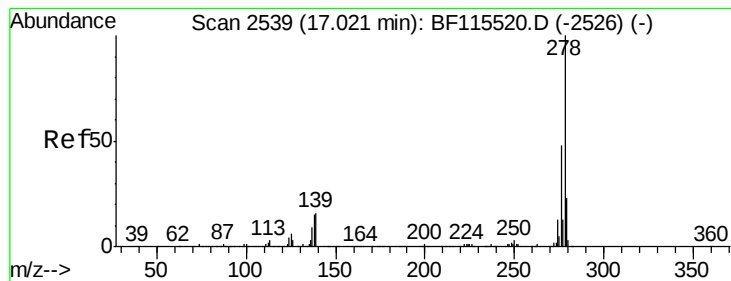
Tot Ion:252 Resp: 1335829
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.9 9.0 13.6



#90
Benzo(a)pyrene
Concen: 49.159 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF115604.D
Acq: 16 Jul 2019 18:24

Tgt Ion:252 Resp: 1381230
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 43.359 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

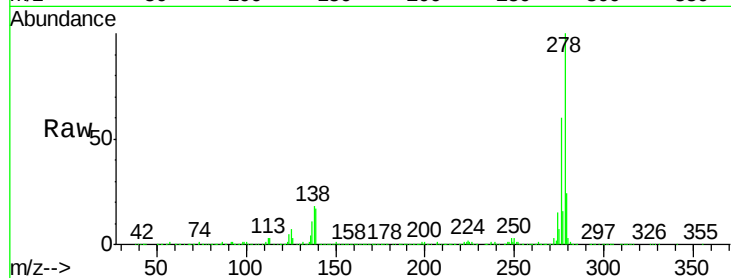
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1069516

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	23.8	19.6	29.4

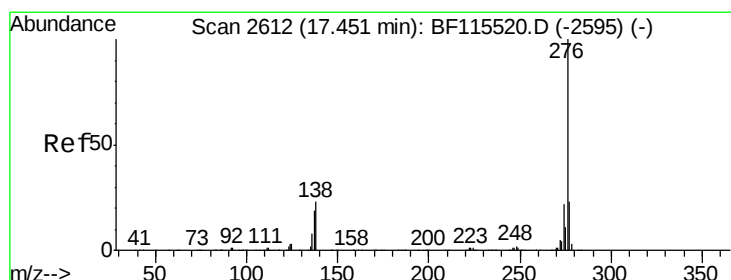
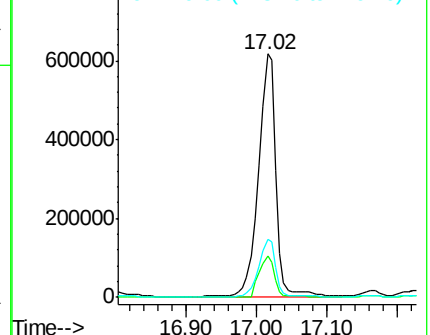
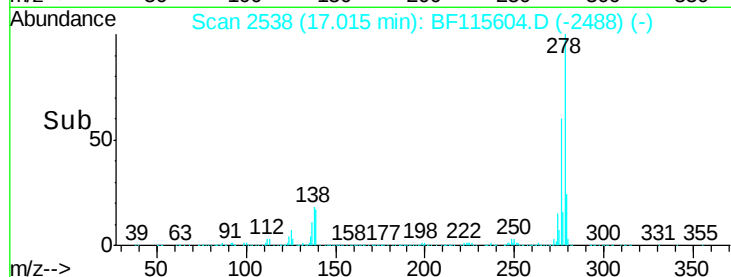


Abundance

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: 44.820 ng

RT: 17.45 min Scan# 2612

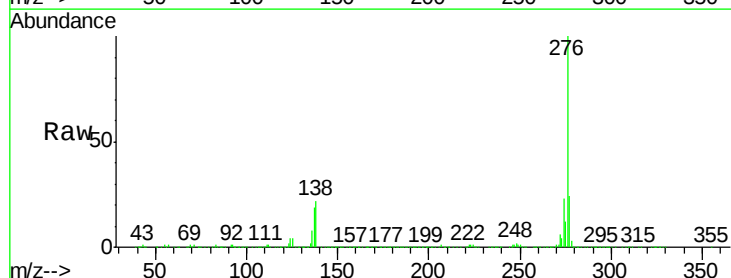
Delta R.T. -0.00 min

Lab File: BF115604.D

Acq: 16 Jul 2019 18:24

Tgt Ion:276 Resp: 1102583

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	22.2	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

