

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111715.D
 Acq On : 26 Dec 2018 14:50
 Operator : JU/SJ
 Sample : J6525-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

Quant Time: Dec 26 15:25:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 26 13:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159852	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	613257	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	307403	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	574880	20.00	ng	0.00
76) Chrysene-d12	14.06	240	450020	20.00	ng	0.00
87) Perylene-d12	15.54	264	417869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	739503	78.85	ng	0.00
7) Phenol-d6	6.54	99	955250	80.04	ng	0.00
23) Nitrobenzene-d5	7.46	82	600725	57.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	292265	80.46	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1127172	53.45	ng	0.00
79) Terphenyl-d14	13.00	244	1152052	48.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	90592	20.532	ng	97
3) Pyridine	3.49	79	245957	21.397	ng	96
4) n-Nitrosodimethylamine	3.41	42	154687	27.496	ng	80
6) Aniline	6.56	93	211722	13.917	ng	# 63
8) 2-Chlorophenol	6.69	128	280044	26.957	ng	95
9) Benzaldehyde	6.45	77	136918	16.680	ng	95
10) Phenol	6.55	94	383455	28.475	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	263629	26.125	ng	98
12) 1,3-Dichlorobenzene	6.85	146	313136	26.010	ng	97
13) 1,4-Dichlorobenzene	6.92	146	313794	25.700	ng	96
14) 1,2-Dichlorobenzene	7.07	146	300498	26.379	ng	96
15) Benzyl Alcohol	7.04	79	250044	26.379	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	446106	24.003	ng	99
17) 2-Methylphenol	7.16	107	221280	26.601	ng	95
18) Hexachloroethane	7.42	117	103410	25.133	ng	# 88
19) n-Nitroso-di-n-propylamine	7.30	70	196687	24.815	ng	92
20) 3+4-Methylphenols	7.30	107	274904	26.154	ng	# 76
22) Acetophenone	7.30	105	379009	24.395	ng	# 95
24) Nitrobenzene	7.47	77	296931	26.890	ng	96
25) Isophorone	7.72	82	520629	27.835	ng	98
26) 2-Nitrophenol	7.80	139	138428	30.910	ng	95
27) 2,4-Dimethylphenol	7.83	122	235995	26.732	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	326945	26.268	ng	99
29) 2,4-Dichlorophenol	8.04	162	248838	26.206	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	267338	25.265	ng	96
31) Naphthalene	8.20	128	815400	27.672	ng	97
32) Benzoic acid	7.92	122	93114	15.952	ng	91
33) 4-Chloroaniline	8.25	127	158709	12.462	ng	98
34) Hexachlorobutadiene	8.33	225	154923	24.023	ng	98
35) Caprolactam	8.59	113	73742	22.918	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	243182	26.053	ng	97
37) 2-Methylnaphthalene	8.90	142	550554	28.718	ng	100
38) 1-Methylnaphthalene	9.00	142	521684	28.334	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	270000	26.729	ng	# 96

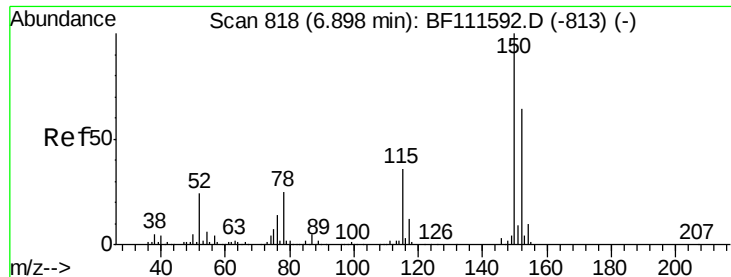
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	186209	37.988	nq	97
43) 2,4,6-Trichlorophenol	9.17	196	180043	26.696	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	188927	27.307	nq	92
46) 1,1'-Biphenyl	9.36	154	687714	26.502	nq	95
47) 2-Chloronaphthalene	9.39	162	534687	26.007	nq	93
48) 2-Nitroaniline	9.47	65	160524	30.013	nq	94
49) Acenaphthylene	9.80	152	839709	27.973	nq	95
50) Dimethylphthalate	9.65	163	824507	36.678	nq	98
51) 2,6-Dinitrotoluene	9.71	165	134744	30.061	nq #	86
52) Acenaphthene	9.97	154	496505	26.818	nq	98
53) 3-Nitroaniline	9.88	138	98846	20.677	nq	97
54) 2,4-Dinitrophenol	9.99	184	38251	31.469	nq #	88
55) Dibenzofuran	10.15	168	747680	26.731	nq	93
56) 4-Nitrophenol	10.05	139	205559	56.345	nq	90
57) 2,4-Dinitrotoluene	10.12	165	177190	32.891	nq	98
58) Fluorene	10.49	166	576177	28.587	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	159134	27.331	nq	90
60) Diethylphthalate	10.35	149	625969	28.387	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	289480	25.996	nq	94
62) 4-Nitroaniline	10.49	138	121066	26.057	nq	94
63) Azobenzene	10.63	77	563133	25.438	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	39030	20.830	nq	87
66) n-Nitrosodiphenylamine	10.59	169	511109	26.486	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	180970	25.380	nq #	89
68) Hexachlorobenzene	11.04	284	200889	25.268	nq	95
69) Atrazine	11.12	200	178308	26.597	nq	97
70) Pentachlorophenol	11.23	266	208169	42.354	nq	98
71) Phenanthrene	11.45	178	859009	28.175	nq	94
72) Anthracene	11.50	178	864930	28.264	nq	95
73) Carbazole	11.65	167	755513	25.429	nq	94
74) Di-n-butylphthalate	11.98	149	947599	28.447	nq	96
75) Fluoranthene	12.63	202	861640	27.909	nq	96
77) Benzidine	12.74	184	134765	7.958	nq	96
78) Pyrene	12.86	202	849408	26.728	nq	95
80) Butylbenzylphthalate	13.47	149	373619	28.842	nq	95
81) Benzo(a)anthracene	14.05	228	707572	27.551	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	199149	19.626	nq #	97
83) Chrysene	14.09	228	669140	26.509	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	528762	32.405	nq	98
85) Di-n-octyl phthalate	14.66	149	815776	32.268	nq	95
86) Indeno(1,2,3-cd)pyrene	17.04	276	498794	23.245	nq #	87
88) Benzo(b)fluoranthene	15.11	252	696709	28.528	nq #	95
89) Benzo(k)fluoranthene	15.14	252	601564	25.873	nq #	97
90) Benzo(a)pyrene	15.49	252	607438	27.378	nq #	93
91) Dibenzo(a,h)anthracene	17.06	278	427061	21.981	nq #	92
92) Benzo(g,h,i)perylene	17.49	276	381639	20.116	nq #	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

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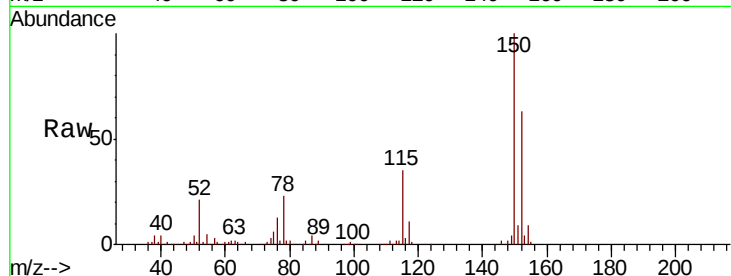
Tot Ion:152 Resp: 159852

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

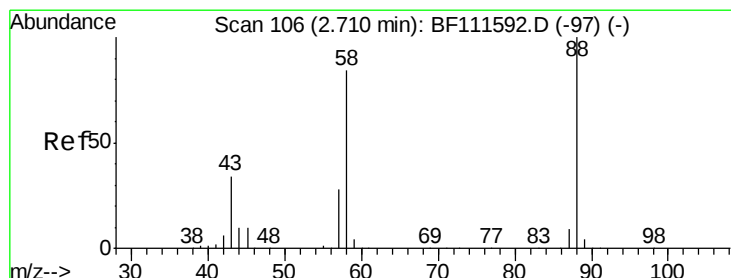
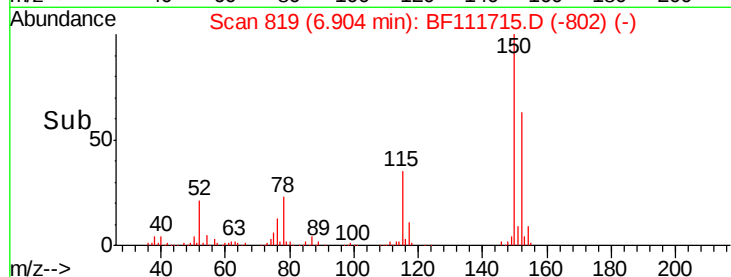
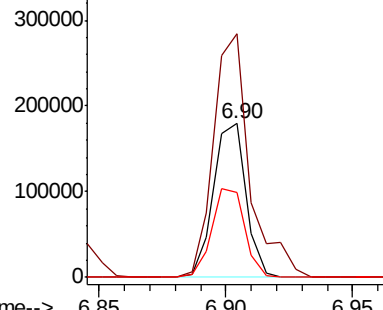
115 55.7 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.532 ng

RT: 2.71 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

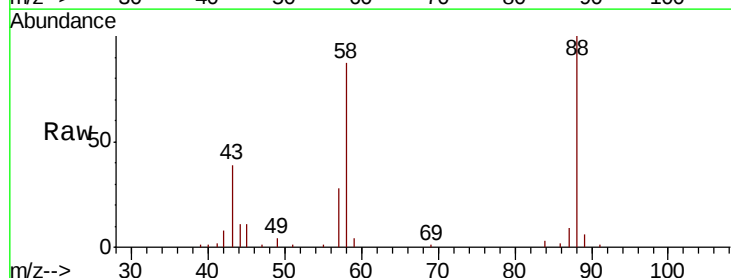
Tgt Ion: 88 Resp: 90592

Ion Ratio Lower Upper

88 100

58 85.3 68.9 103.3

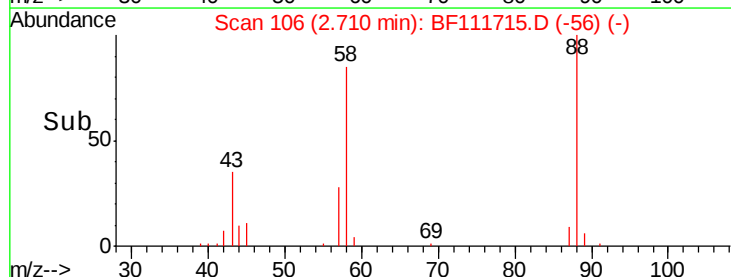
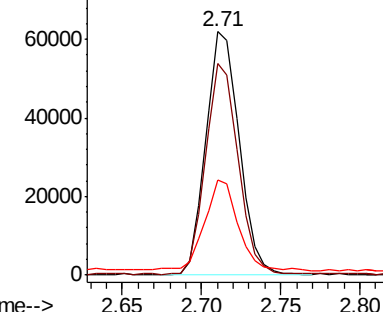
43 37.8 25.8 38.6

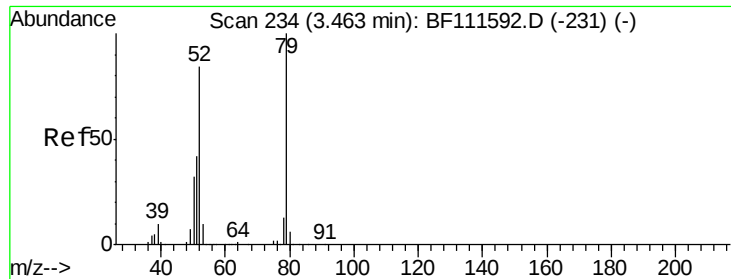


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.397 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

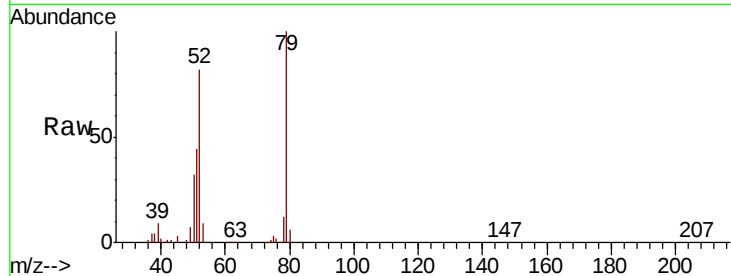
Tot Ion: 79 Resp: 245957

Ion Ratio Lower Upper

79 100

52 82.0 68.3 102.5

51 43.8 32.6 49.0



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

150000

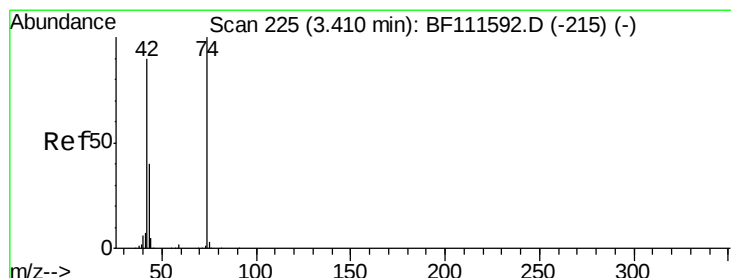
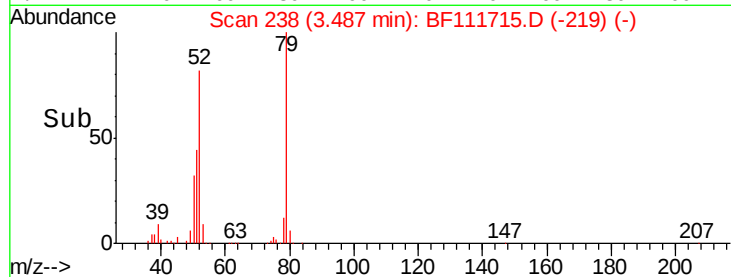
100000

50000

0

3.45 3.50 3.55 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 27.496 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.02 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

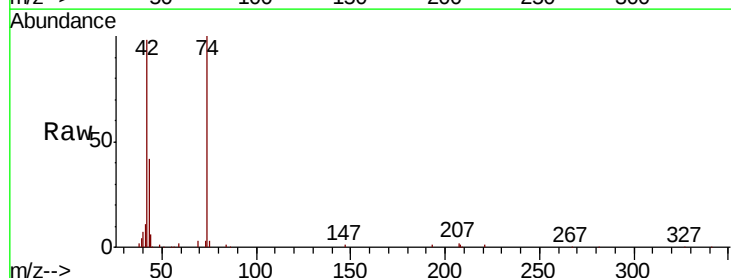
Tgt Ion: 42 Resp: 154687

Ion Ratio Lower Upper

42 100

74 102.2 101.5 152.3

44 6.6 6.0 9.0



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

120000

100000

80000

60000

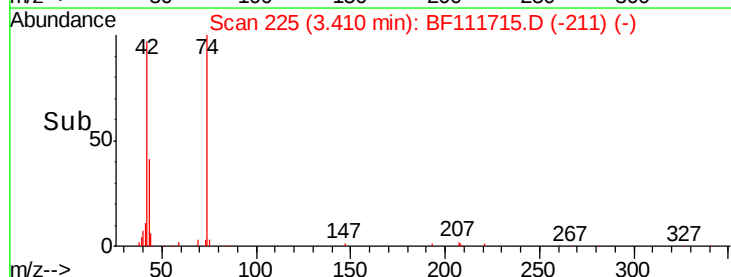
40000

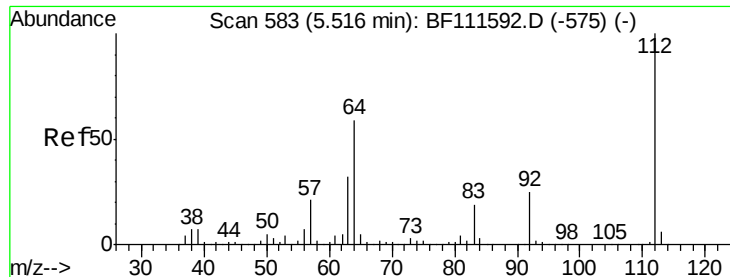
20000

0

3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 78.855 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampled :

S-1(5)MS

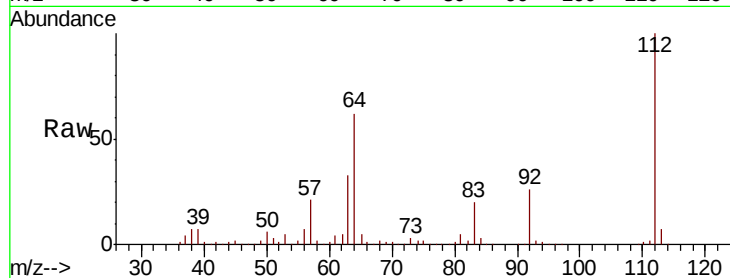
Tot Ion:112 Resp: 739503

Ion Ratio Lower Upper

112 100

64 62.4 51.8 77.6

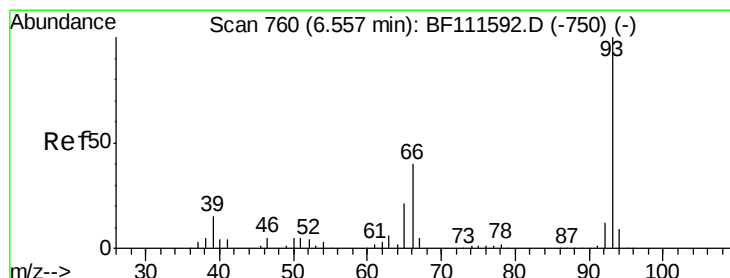
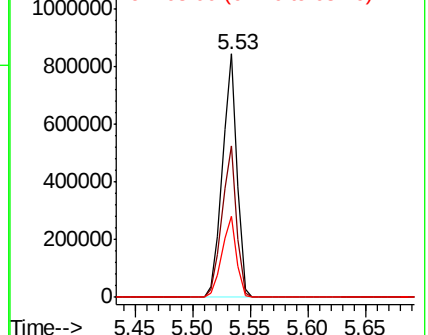
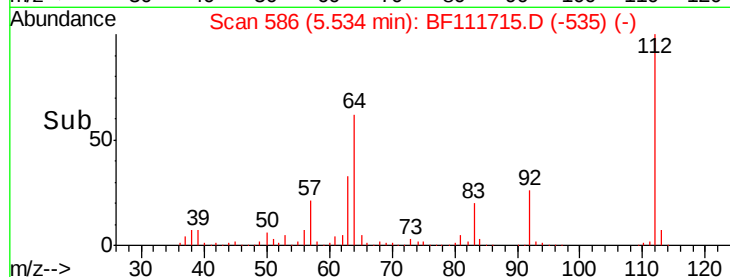
63 33.4 26.8 40.2



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: 13.917 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

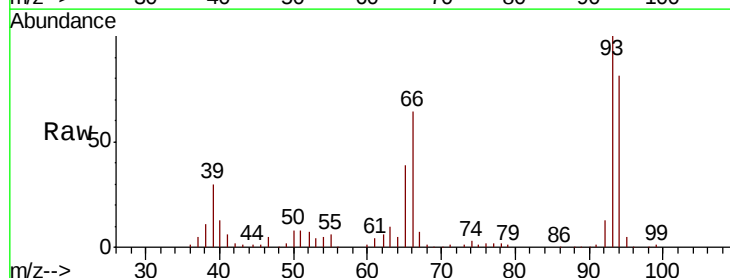
Tgt Ion: 93 Resp: 211722

Ion Ratio Lower Upper

93 100

66 64.2 33.2 49.8#

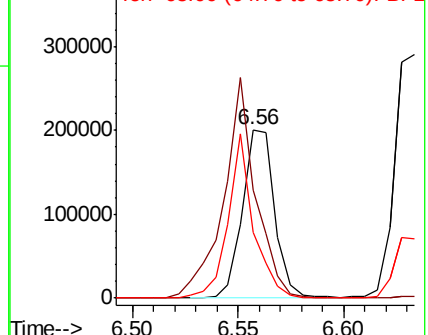
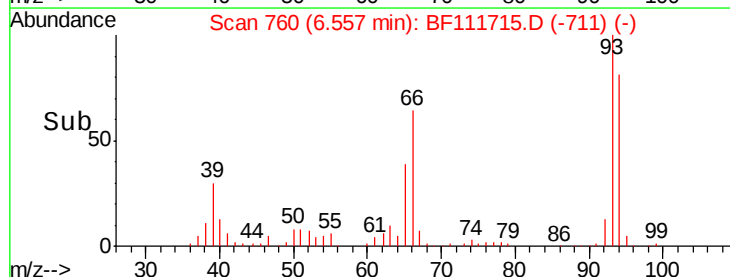
65 39.2 17.0 25.4#

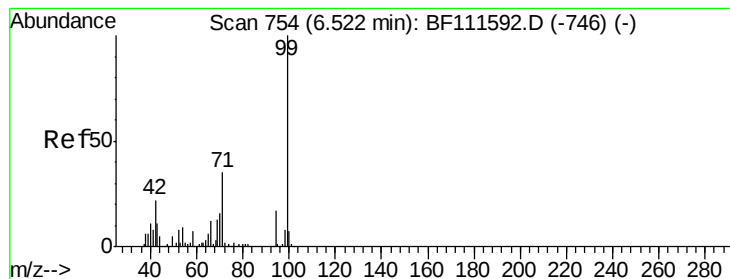


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.038 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111715.D

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ClientSampleId :

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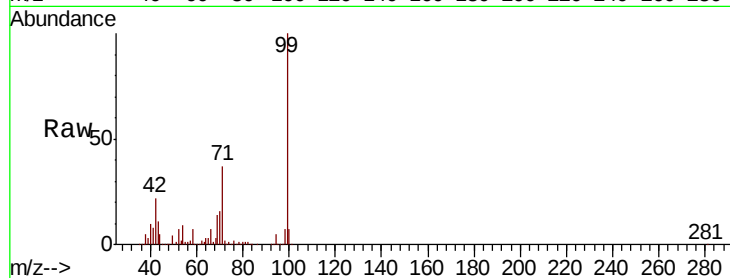
Tot Ion: 99 Resp: 955250

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

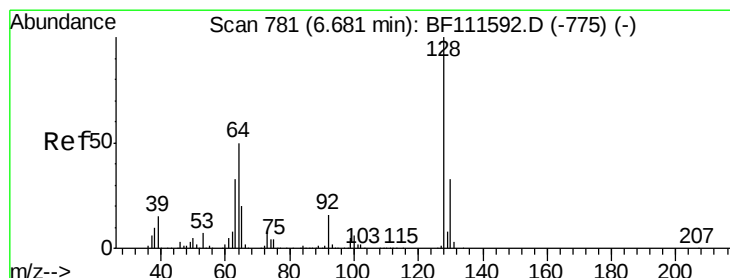
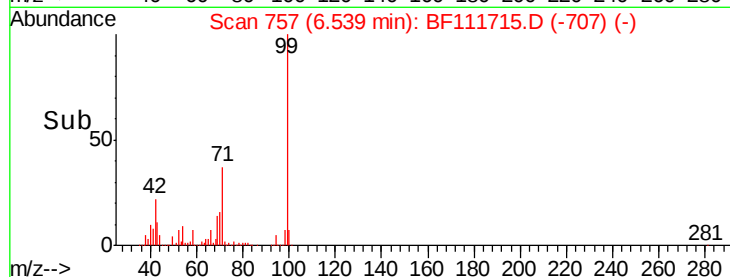
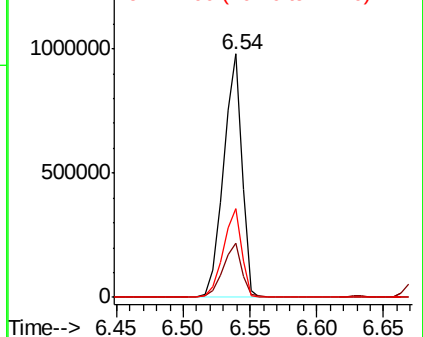
71 36.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.957 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

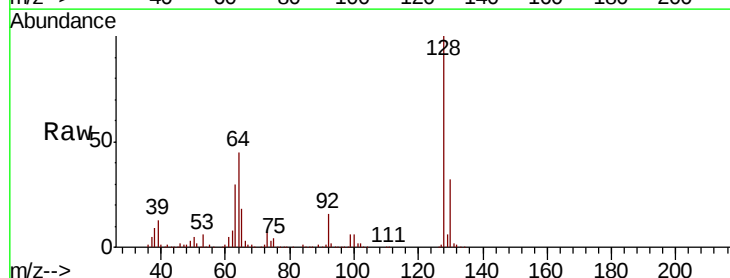
Tgt Ion: 128 Resp: 280044

Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

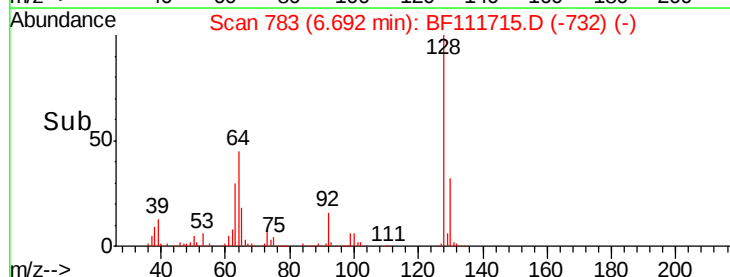
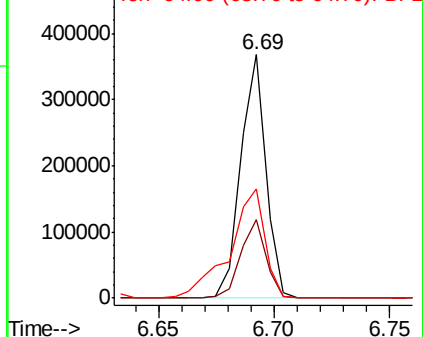
64 45.0 30.0 70.0

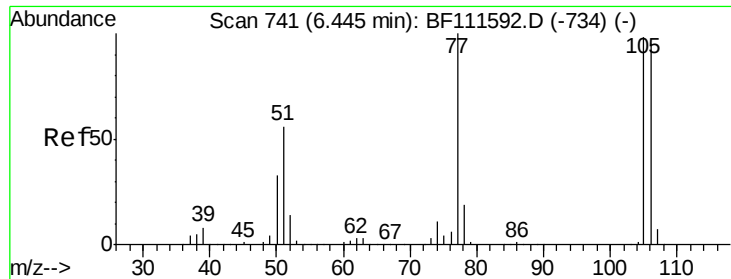


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.680 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

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ClientSampleId :

S-1(5)MS

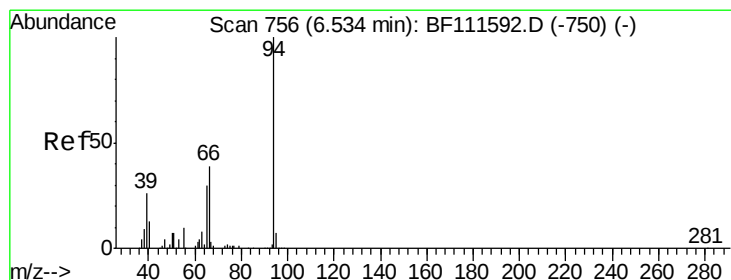
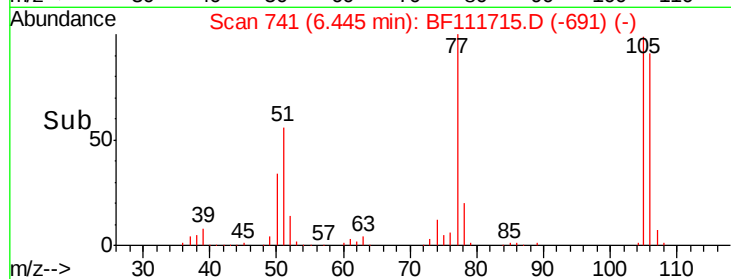
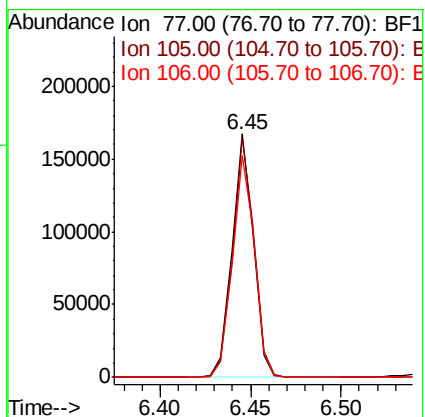
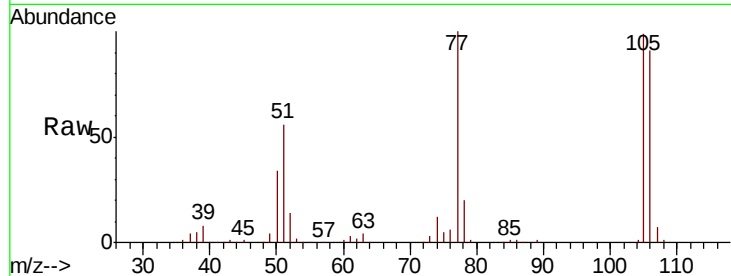
Tot Ion: 77 Resp: 136918

Ion Ratio Lower Upper

77 100

105 98.7 81.4 121.4

106 91.1 77.9 117.9



#10

Phenol

Concen: 28.475 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

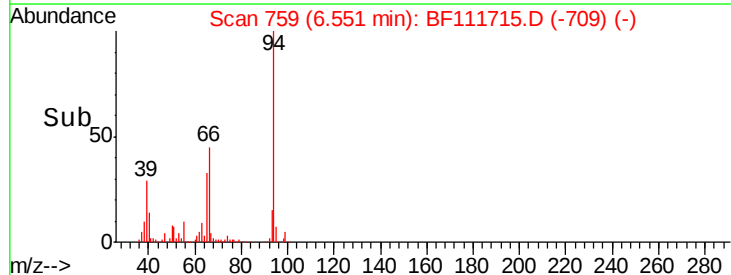
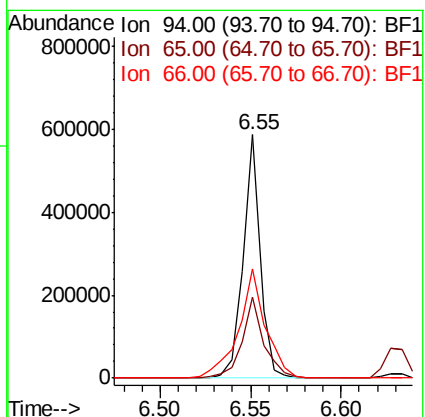
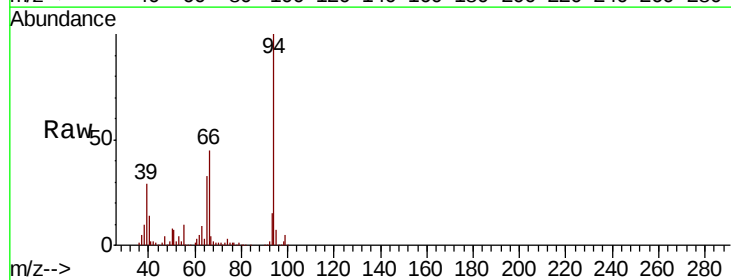
Tgt Ion: 94 Resp: 383455

Ion Ratio Lower Upper

94 100

65 33.4 11.7 51.7

66 44.8 21.0 61.0

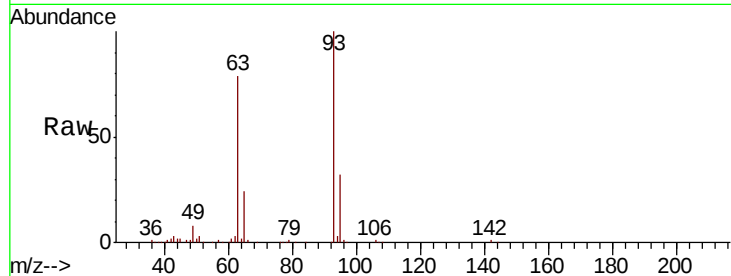




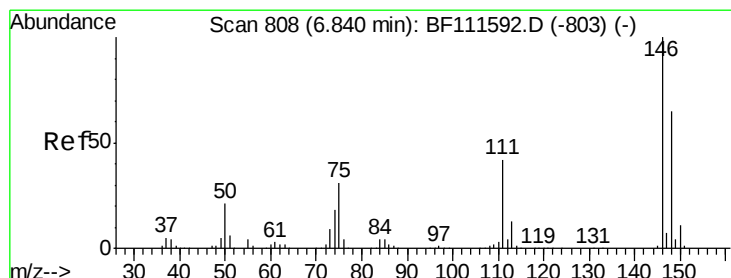
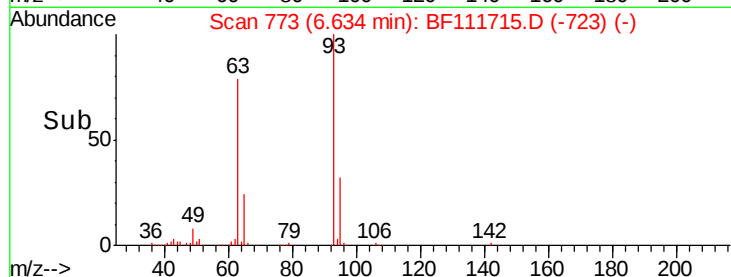
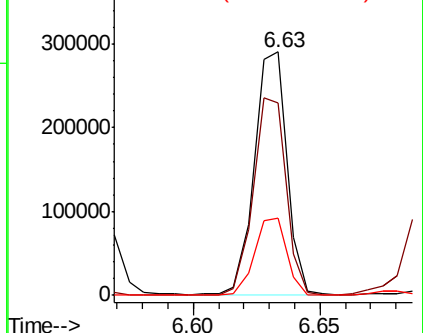
#11
bis(2-Chloroethyl)ether
Concen: 26.125 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion: 93 Resp: 263629
Ion Ratio Lower Upper
93 100
63 79.1 60.0 100.0
95 31.7 13.4 53.4

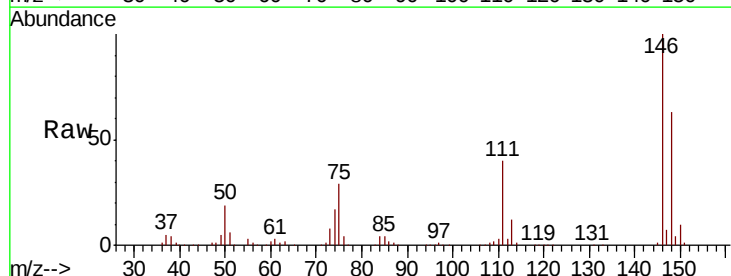


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

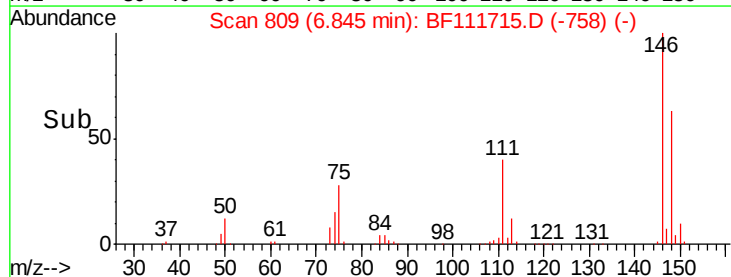
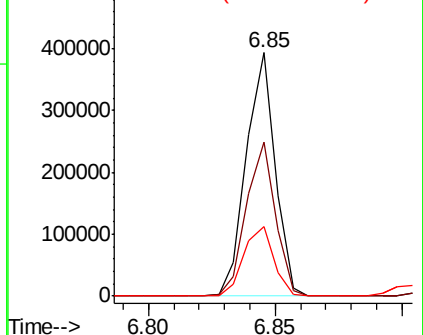


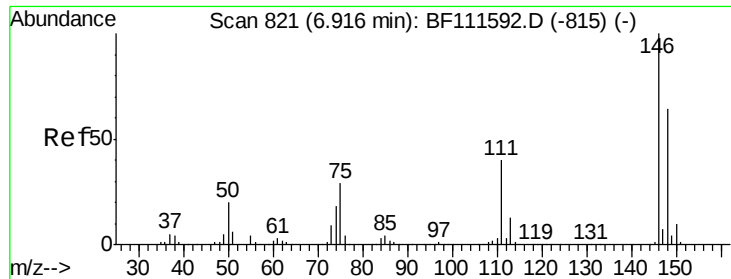
#12
1,3-Dichlorobenzene
Concen: 26.010 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 146 Resp: 313136
Ion Ratio Lower Upper
146 100
148 63.1 52.1 78.1
75 28.5 23.9 35.9



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

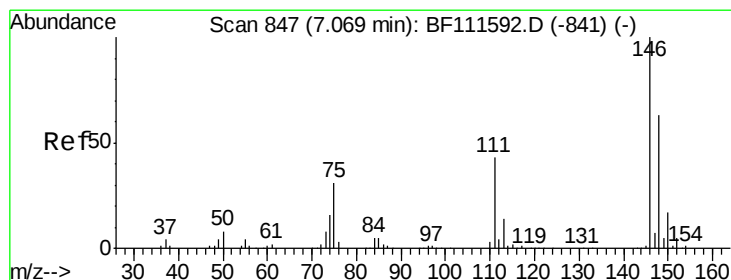
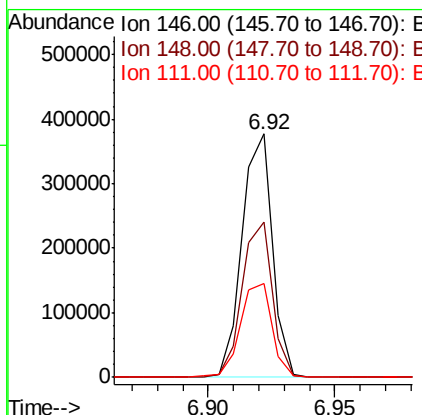
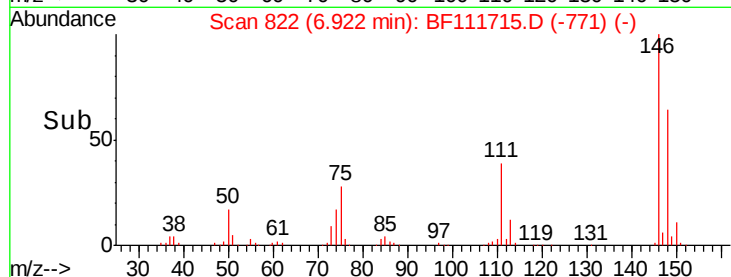
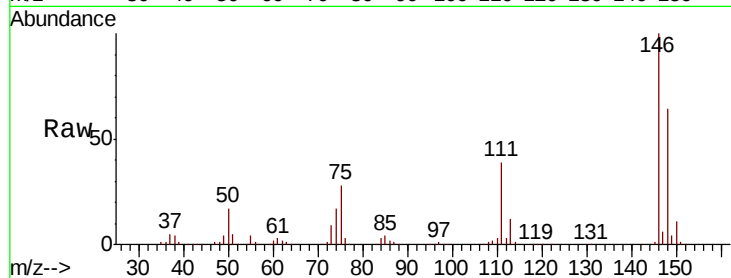




#13
 1,4-Dichlorobenzene
 Concen: 25.700 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

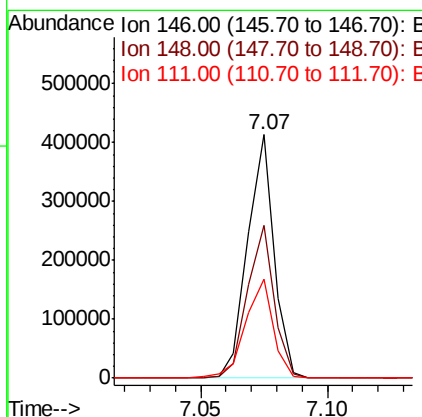
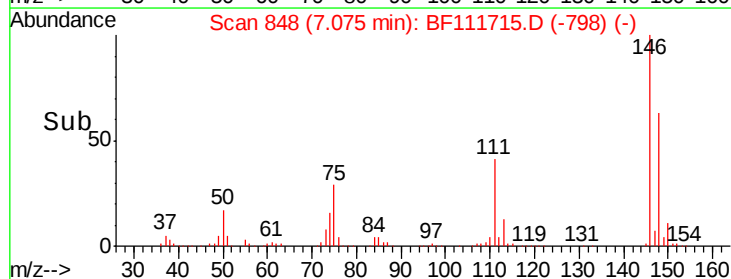
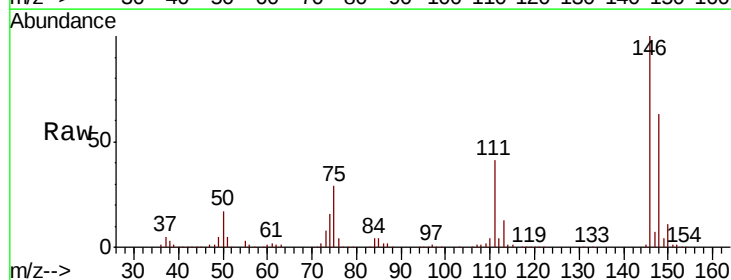
Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

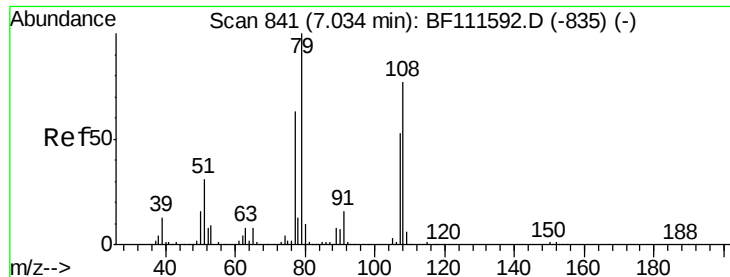
Tot Ion:146 Resp: 313794
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.8 79.2
 111 38.7 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 26.379 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion:146 Resp: 300498
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.9 77.9
 111 40.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 26.379 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

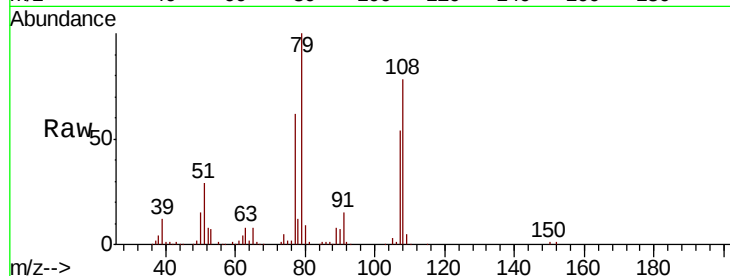
Tot Ion: 79 Resp: 250044

Ion Ratio Lower Upper

79 100

108 78.4 69.4 104.2

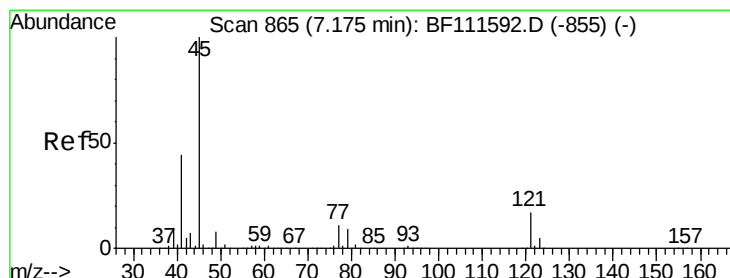
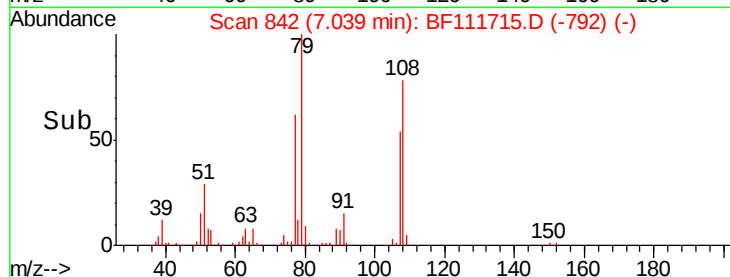
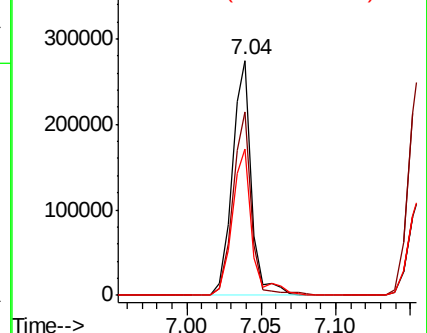
77 62.4 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.003 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

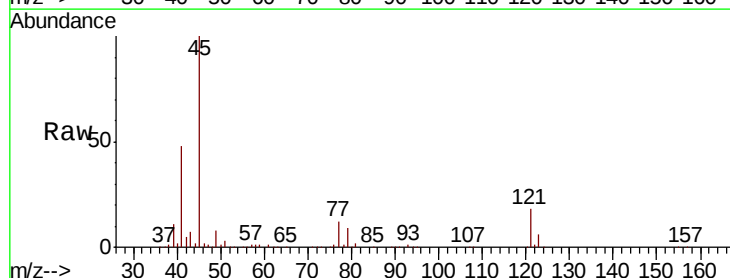
Tgt Ion: 45 Resp: 446106

Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.5

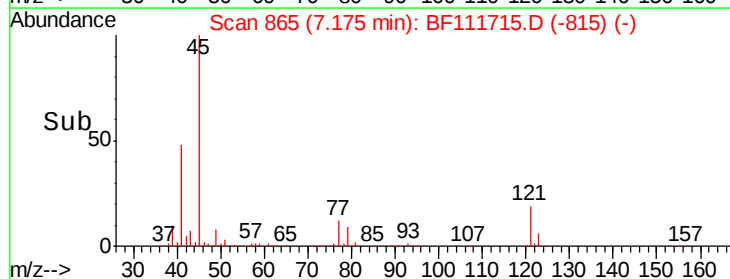
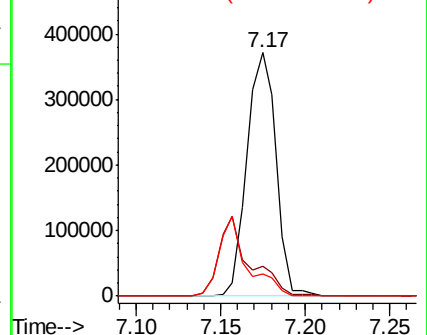
79 9.2 0.0 28.9

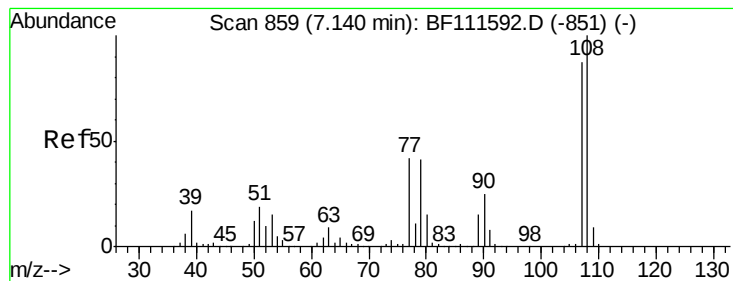


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 26.601 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

Tot Ion:107 Resp: 221280

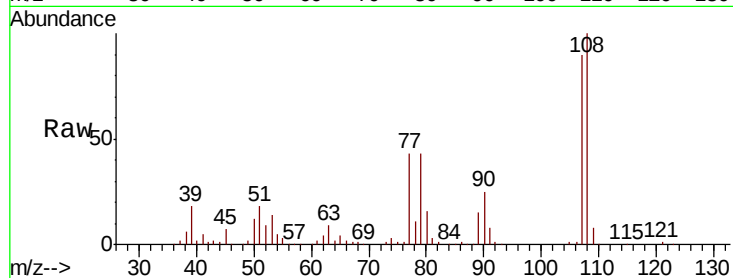
Ion Ratio Lower Upper

107 100

108 111.4 91.0 136.4

77 47.3 33.5 50.3

79 47.9 33.3 49.9

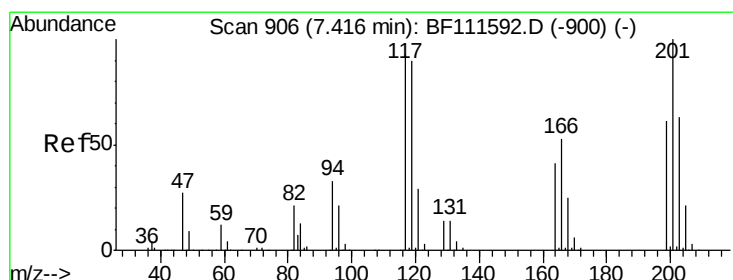
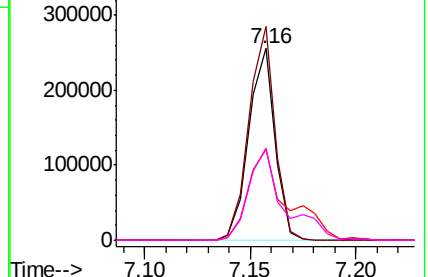
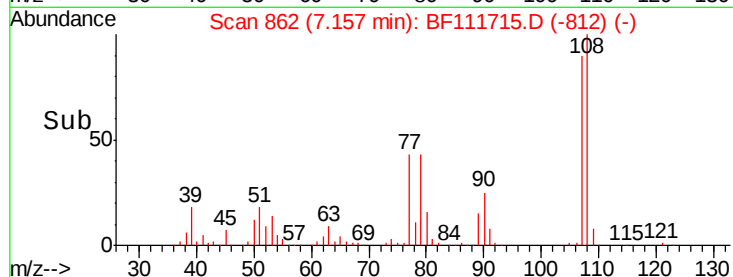


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 25.133 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

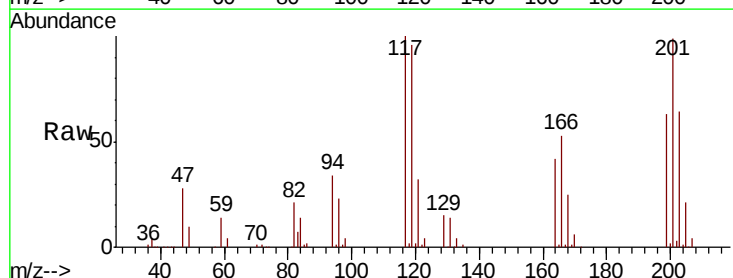
Tgt Ion:117 Resp: 103410

Ion Ratio Lower Upper

117 100

119 96.4 75.4 113.0

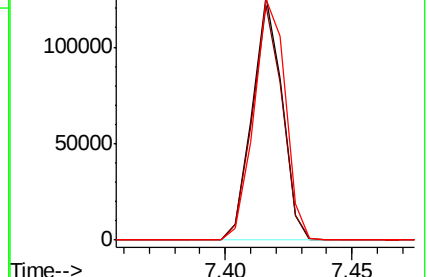
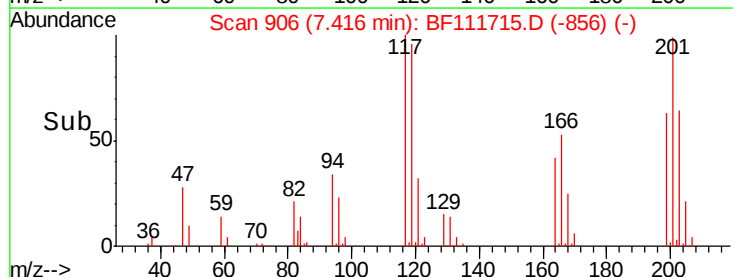
201 99.0 62.4 93.6#

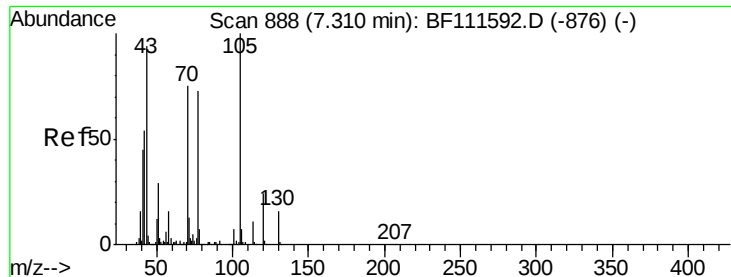


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

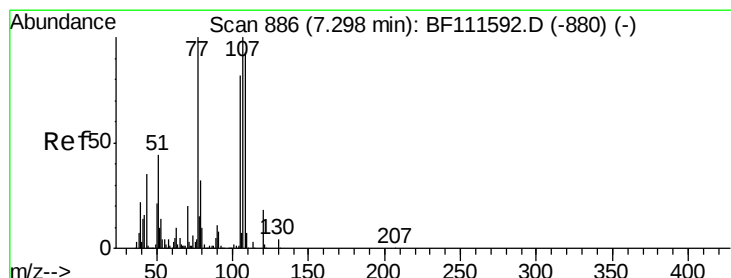
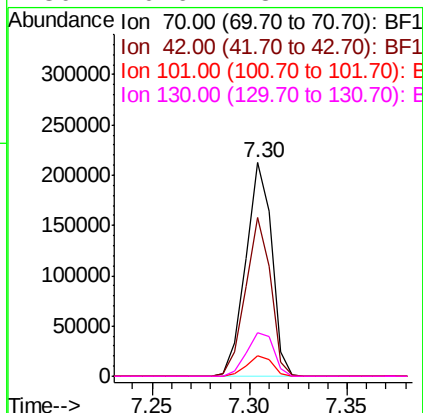
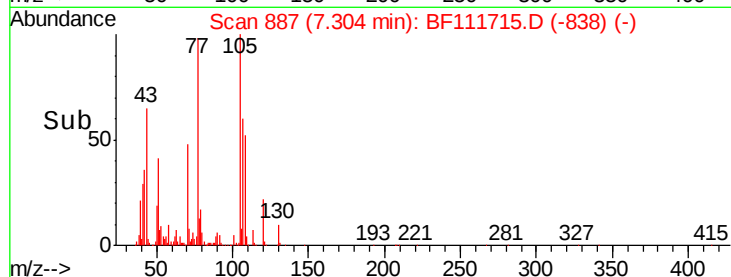
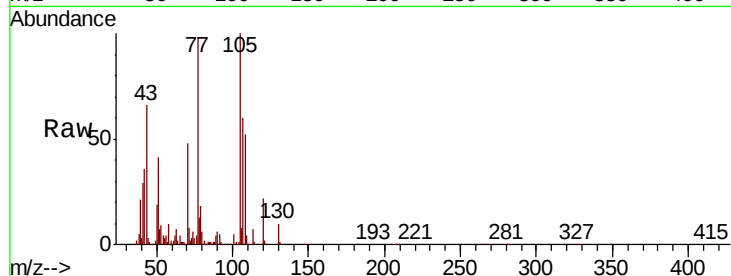




#19
n-Nitroso-di-n-propylamine
Concen: 24.815 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

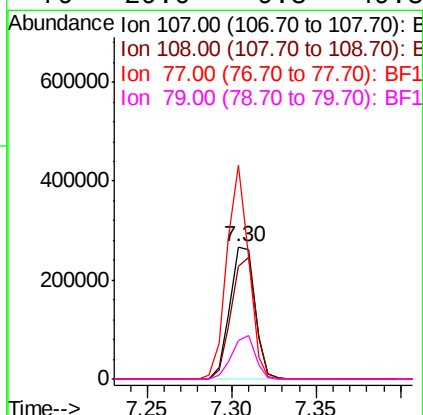
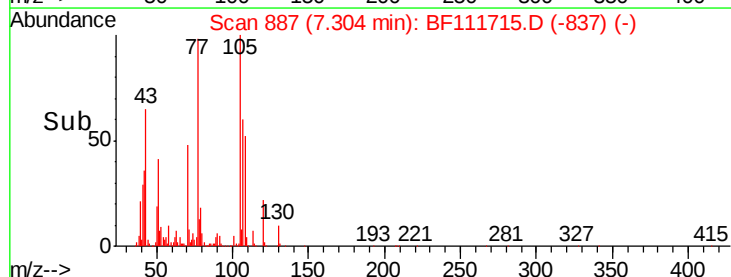
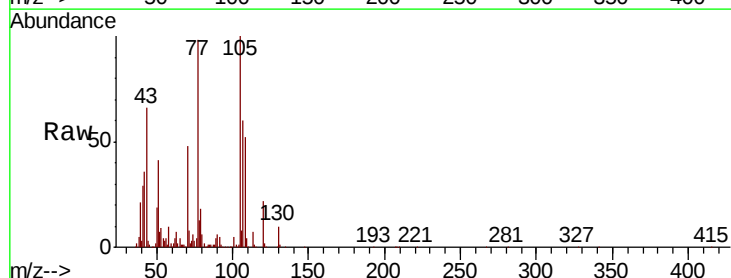
Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

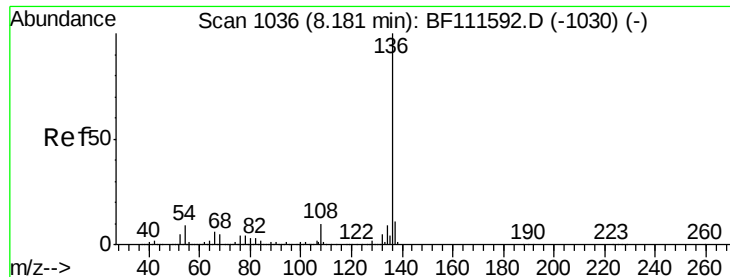
Tot Ion: 70 Resp: 196687
Ion Ratio Lower Upper
70 100
42 74.3 53.2 79.8
101 9.6 8.2 12.4
130 20.6 18.1 27.1



#20
3+4-Methylphenols
Concen: 26.154 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 107 Resp: 274904
Ion Ratio Lower Upper
107 100
108 85.6 72.1 112.1
77 161.9 94.1 134.1#
79 29.0 9.8 49.8

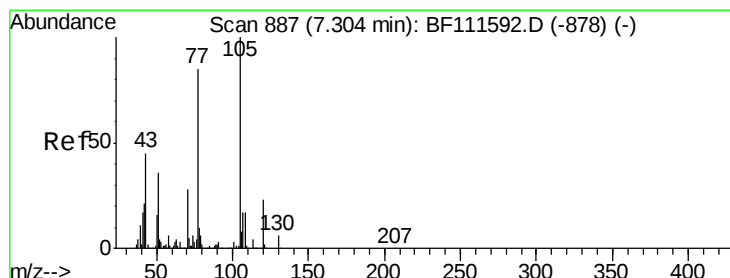
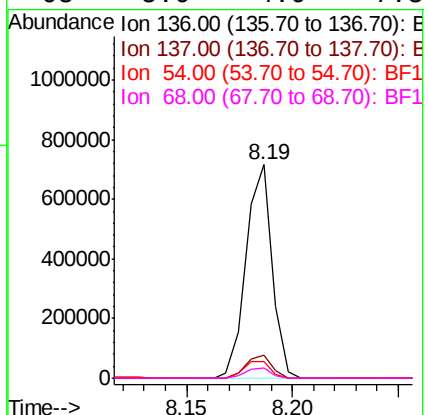
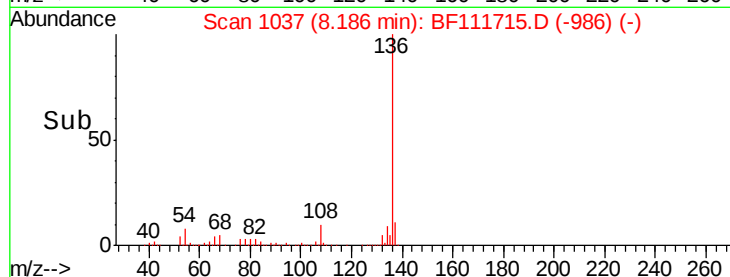
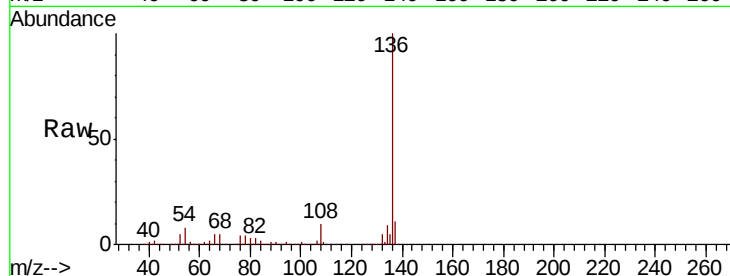




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

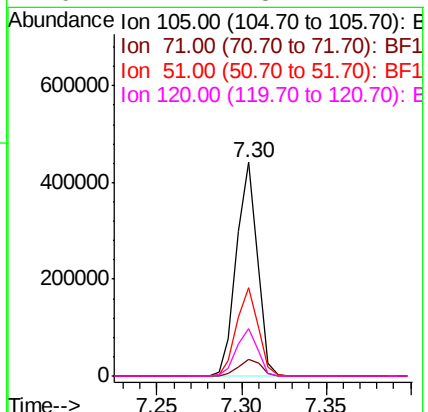
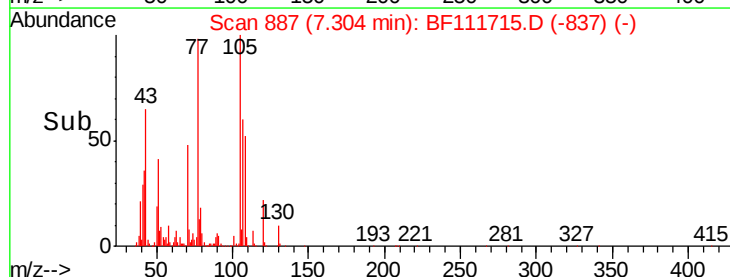
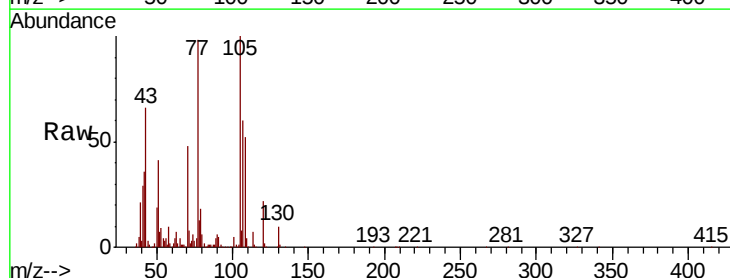
Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

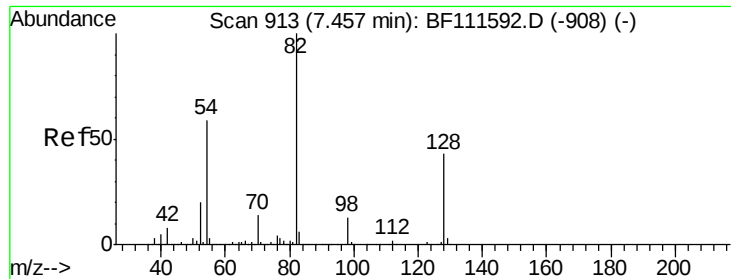
Tot Ion:136	Resp: 613257
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 8.0	7.7 11.5
68 5.0	4.9 7.3



#22
Acetophenone
Concen: 24.395 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt	Ion:105	Resp:	379009
Ion	Ratio	Lower	Upper
105	100		
71	8.1	3.1	4.7#
51	41.4	36.6	54.8
120	22.4	18.2	27.4

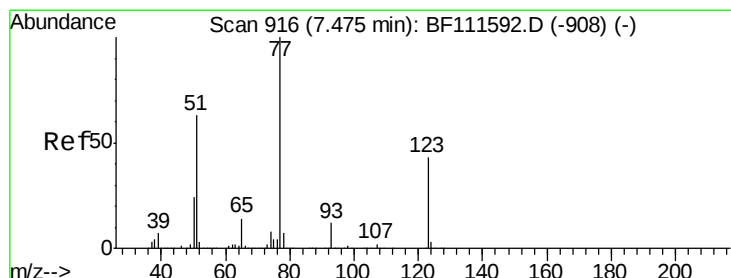
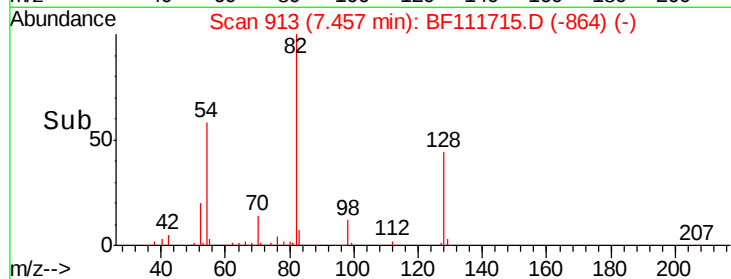
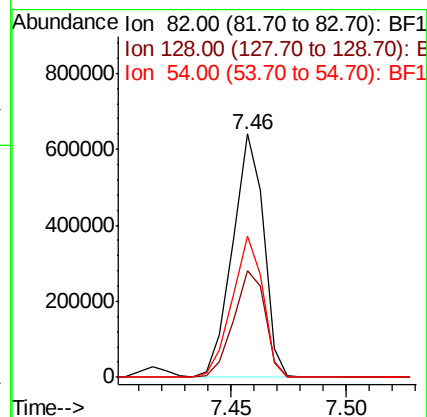
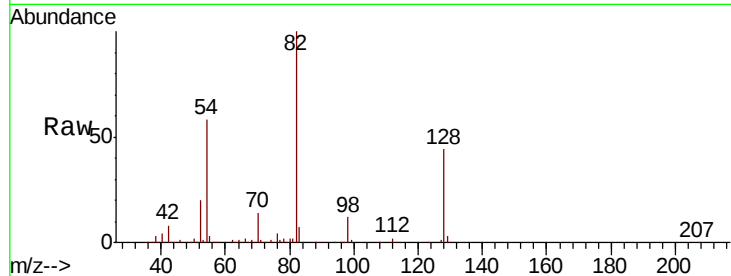




#23
 Nitrobenzene-d5
 Concen: 57.018 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

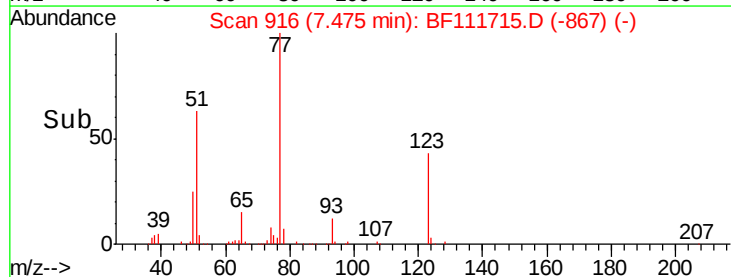
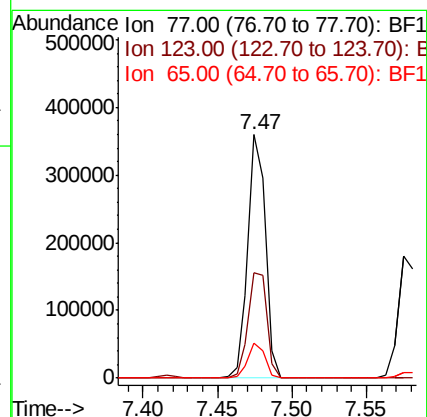
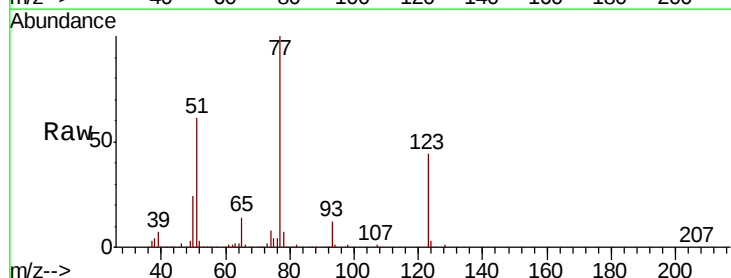
Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

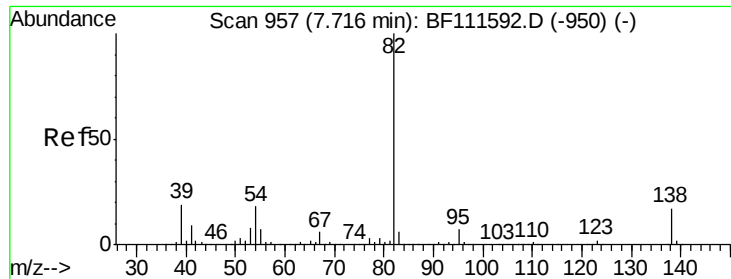
Tot Ion	82	Resp	600725
Ion Ratio	100	Lower	Upper
128	44.0	37.4	56.2
54	57.9	47.6	71.4



#24
 Nitrobenzene
 Concen: 26.890 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion	77	Resp	296931
Ion Ratio	100	Lower	Upper
123	43.5	37.2	55.8
65	14.2	11.5	17.3





#25

Isophorone

Concen: 27.835 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

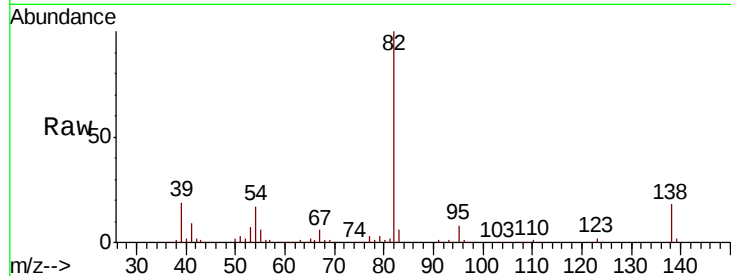
Tot Ion: 82 Resp: 520629

Ion Ratio Lower Upper

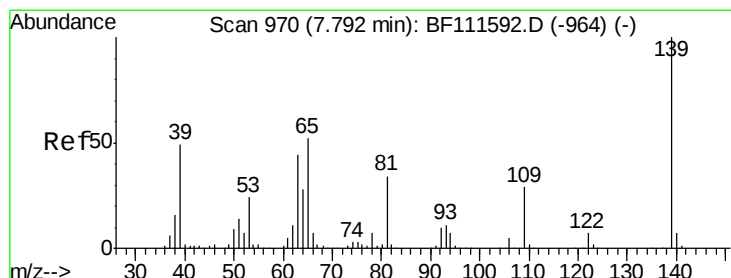
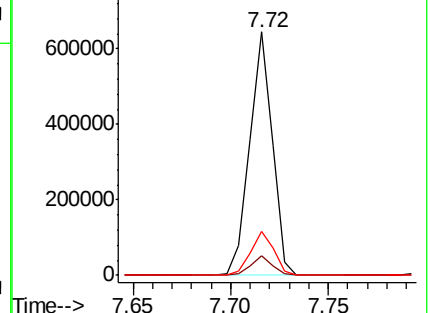
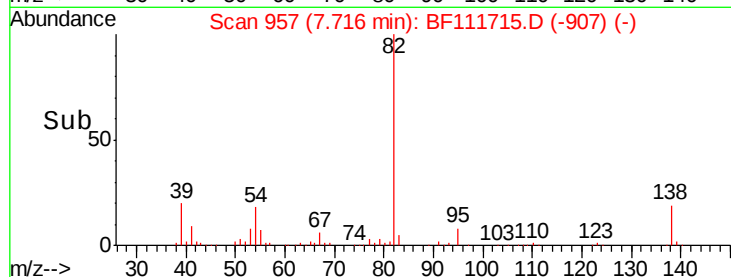
82 100

95 8.0 5.4 8.2

138 18.0 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.910 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

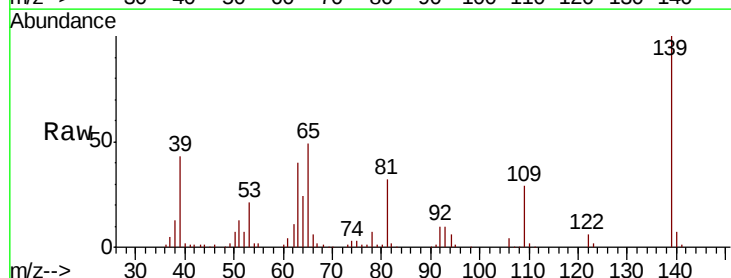
Tgt Ion: 139 Resp: 138428

Ion Ratio Lower Upper

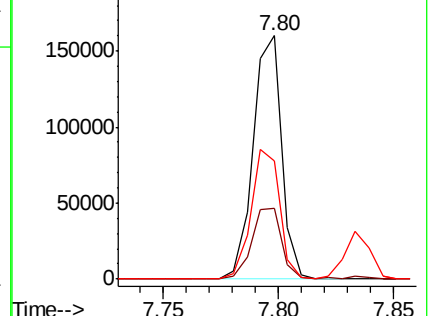
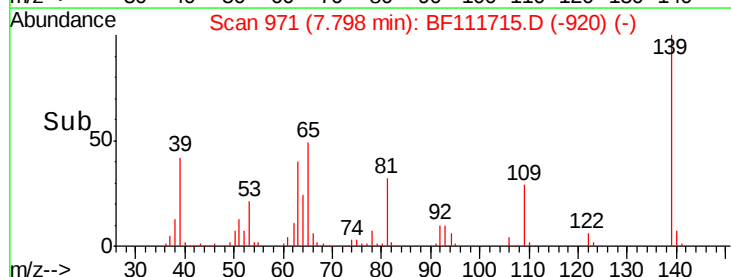
139 100

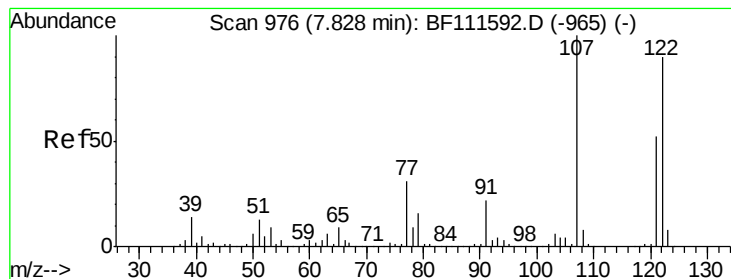
109 29.0 20.2 30.4

65 48.6 40.7 61.1



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





#27

2,4-Dimethylphenol

Concen: 26.732 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

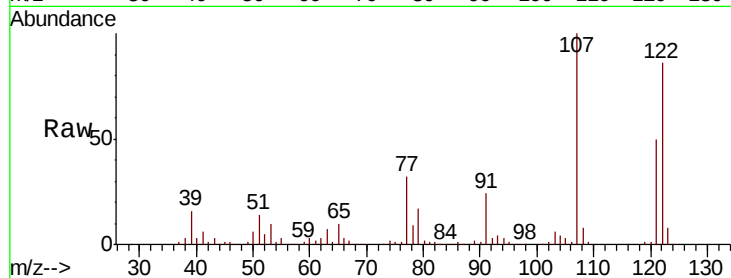
Tot Ion:122 Resp: 235995

Ion Ratio Lower Upper

122 100

107 116.8 85.5 128.3

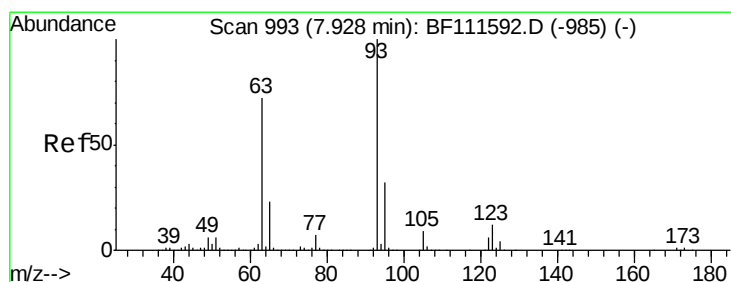
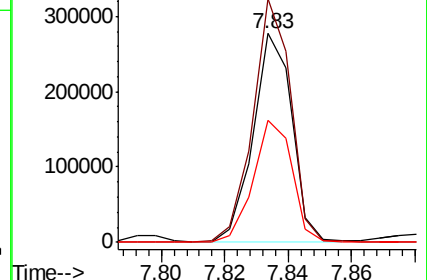
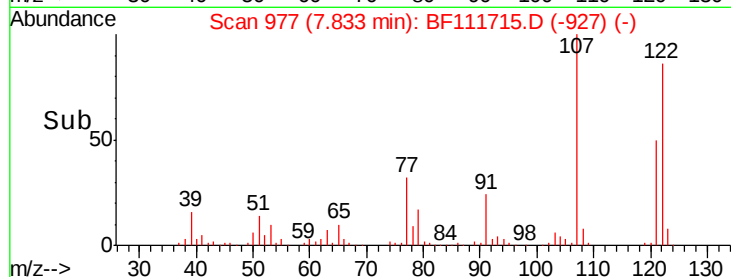
121 58.7 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.268 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

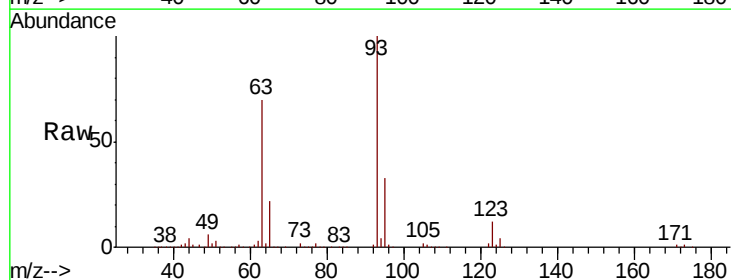
Tgt Ion: 93 Resp: 326945

Ion Ratio Lower Upper

93 100

95 33.3 27.1 40.7

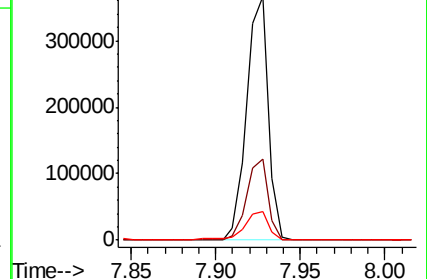
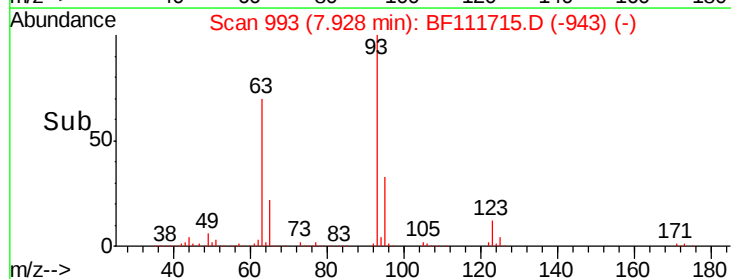
123 11.9 9.9 14.9

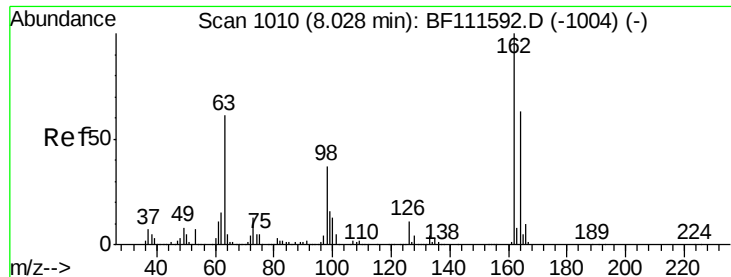


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

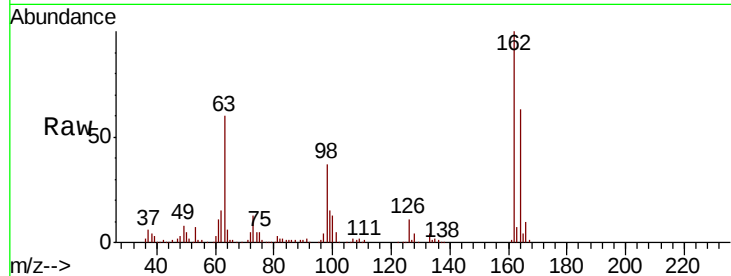




#29
2,4-Dichlorophenol
Concen: 26.206 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.4	84.4
98	36.7	20.3	60.3

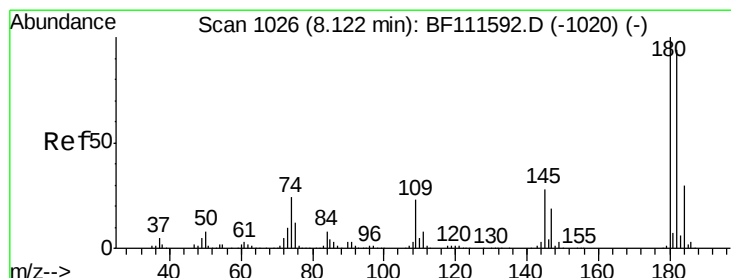
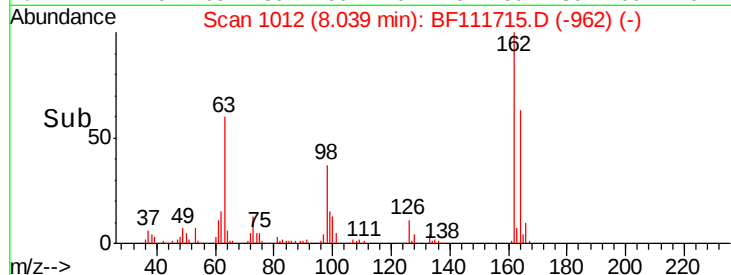
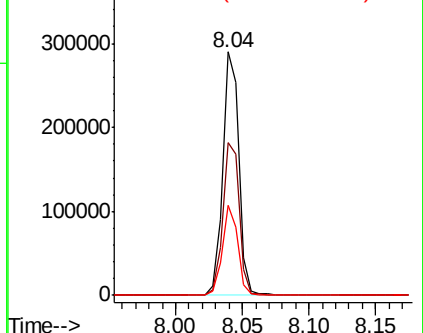


Abundance

Ion 162.00 (161.70 to 162.70): E

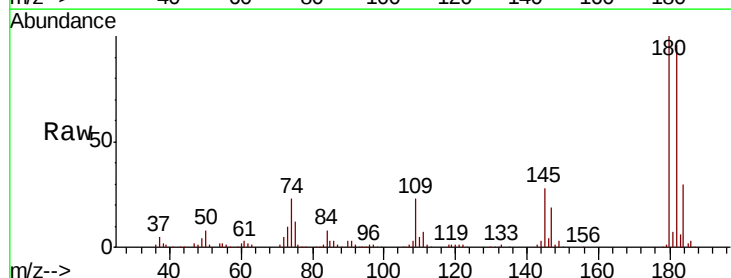
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 25.265 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.6	113.4
145	28.0	26.7	40.1

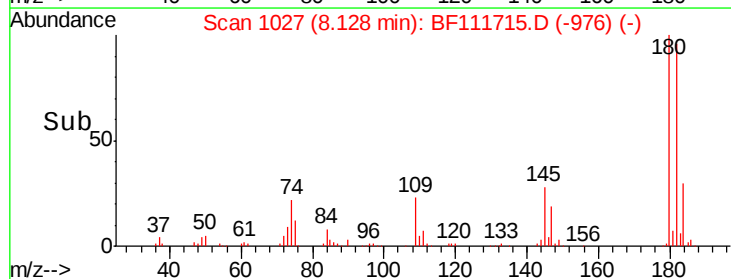
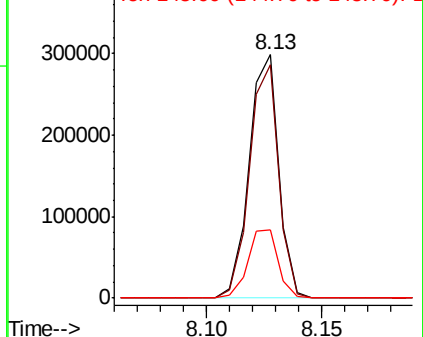


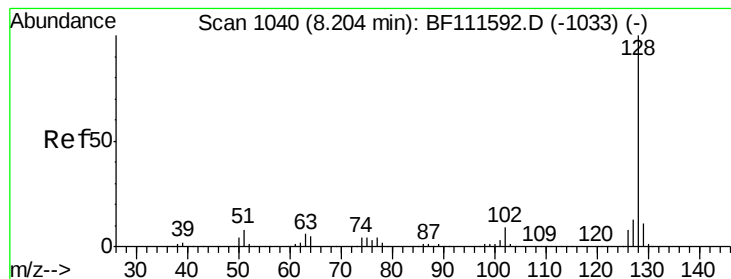
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.672 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

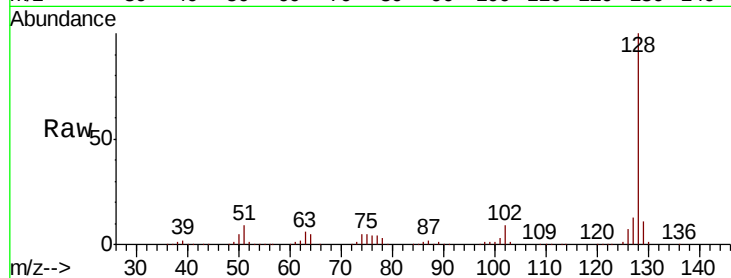
Tot Ion:128 Resp: 815400

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

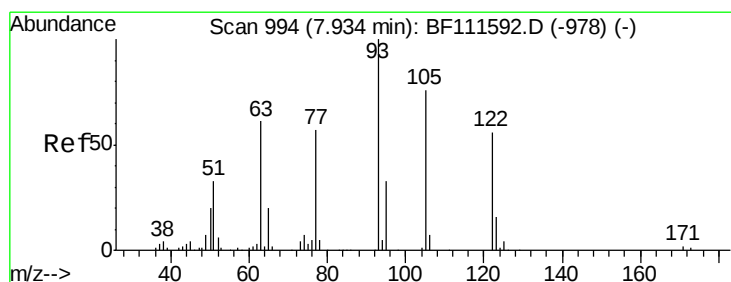
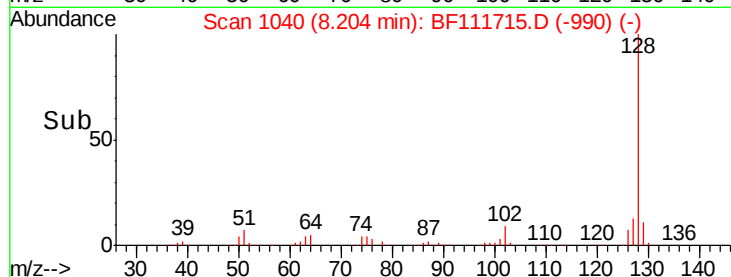
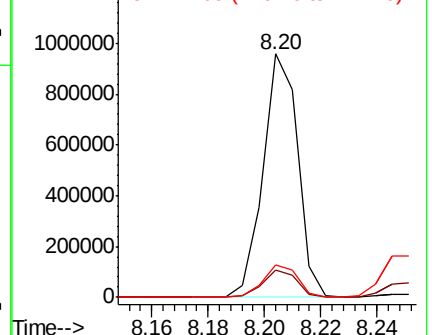
127 13.4 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.952 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

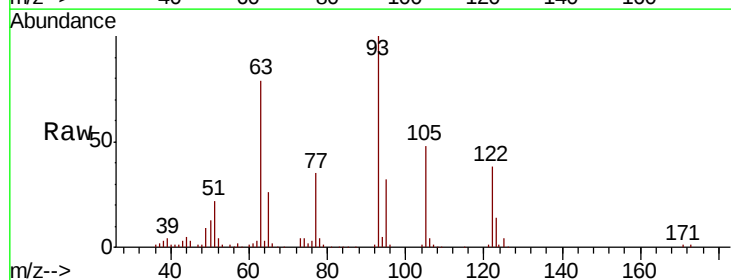
Tgt Ion:122 Resp: 93114

Ion Ratio Lower Upper

122 100

105 126.4 97.0 137.0

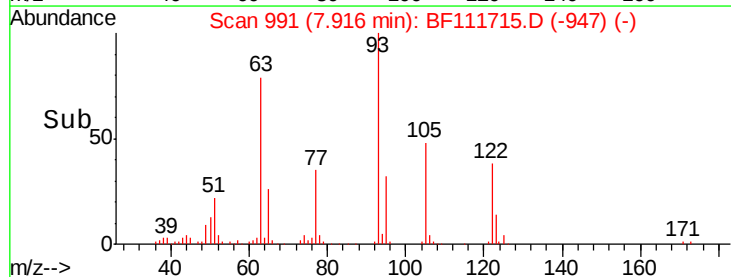
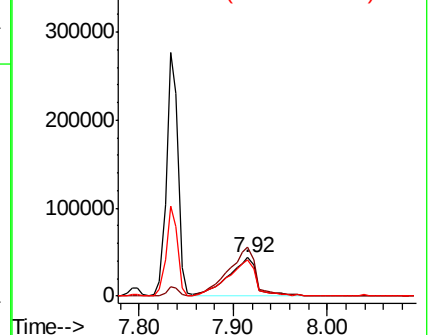
77 93.4 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

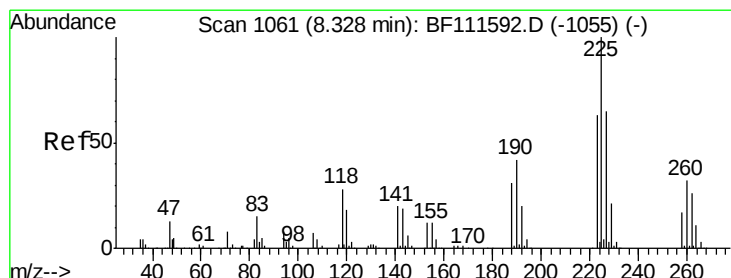
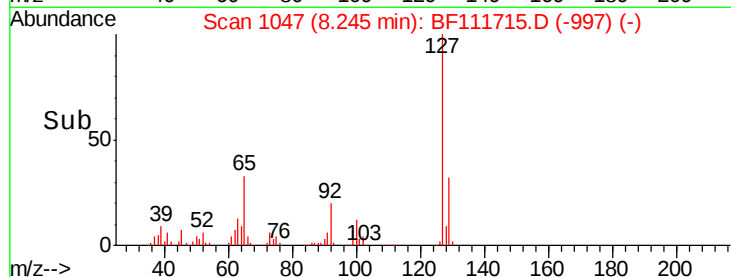
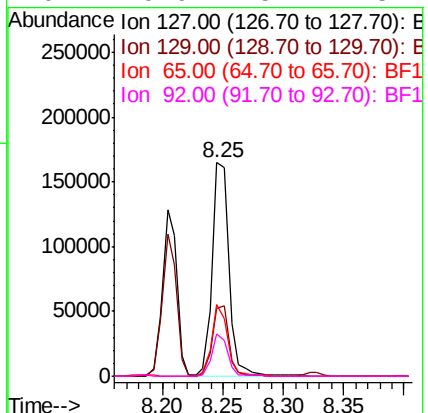
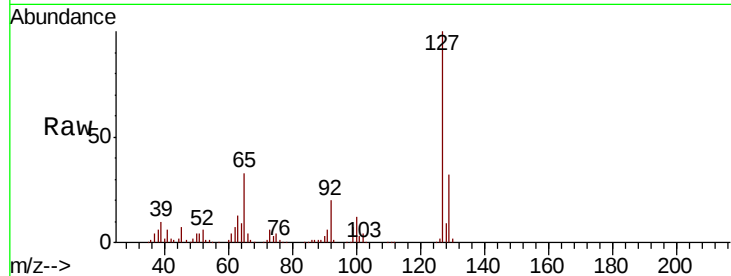




#33
4-Chloroaniline
Concen: 12.462 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

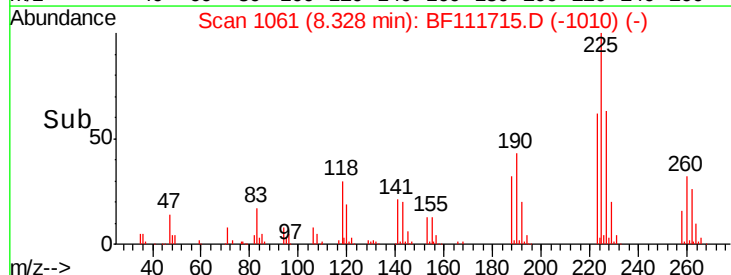
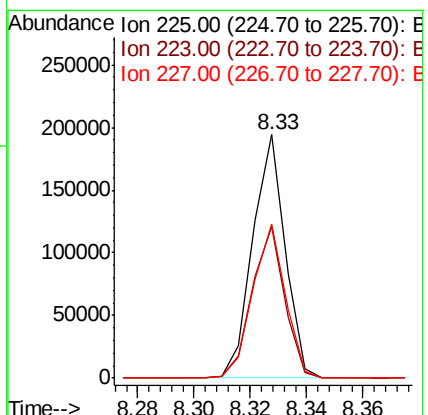
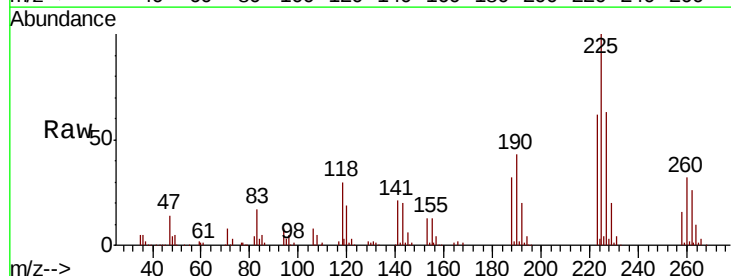
Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

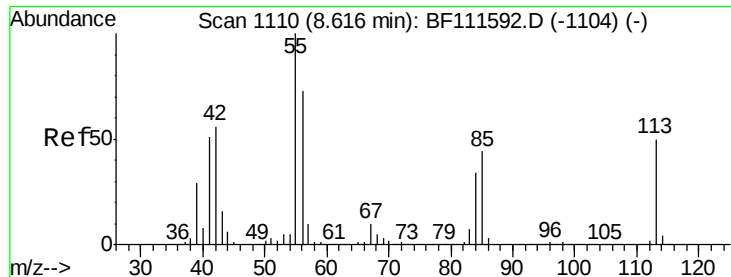
Tot Ion:	127	Resp:	158709
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	33.3	25.7	38.5
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 24.023 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:	225	Resp:	154923
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	63.1	52.6	78.8

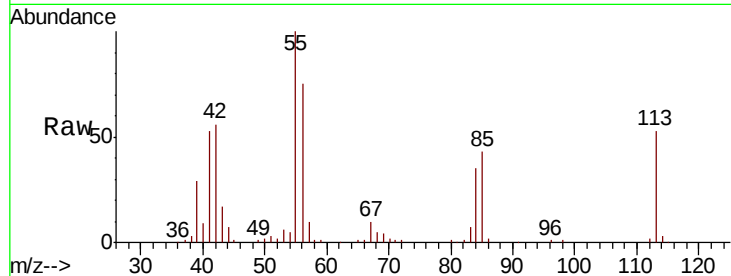




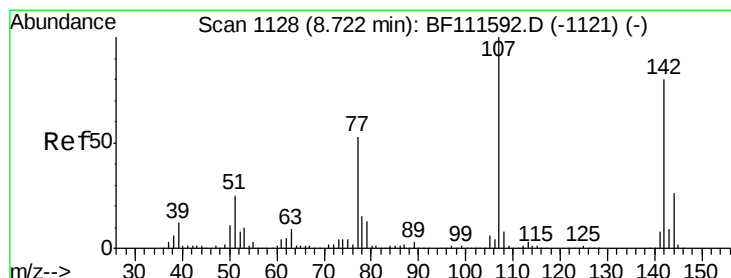
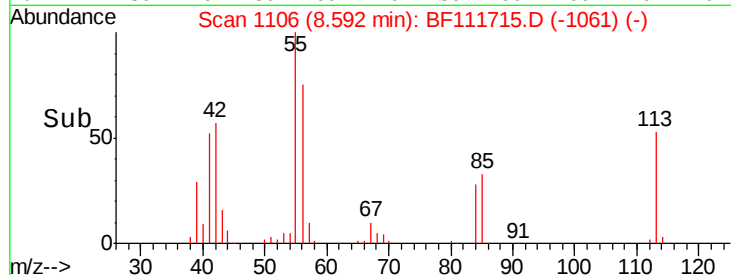
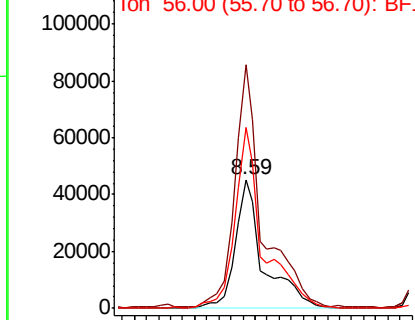
#35
Caprolactam
Concen: 22.918 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:113 Resp: 73742
Ion Ratio Lower Upper
113 100
55 189.1 184.1 224.1
56 140.9 126.0 166.0

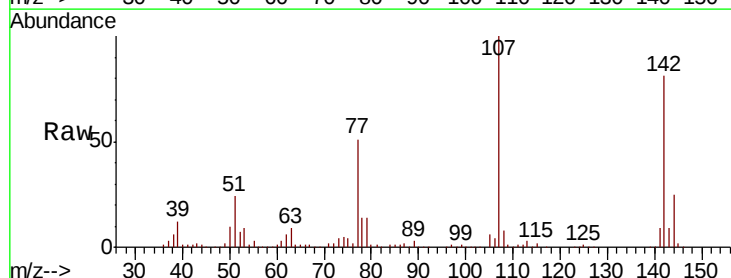


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

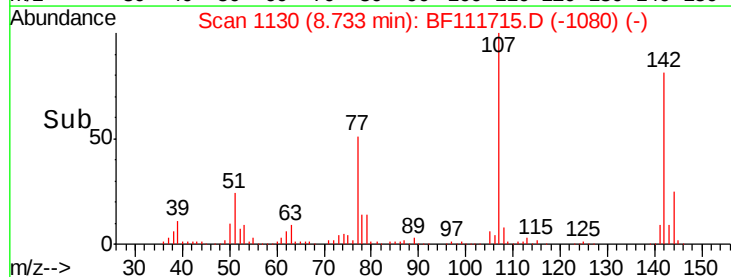
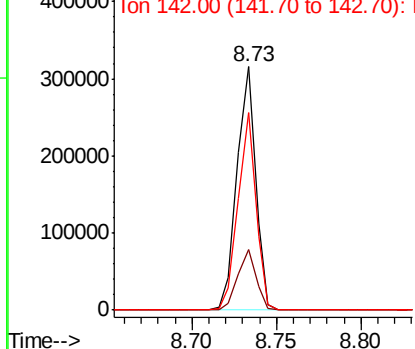


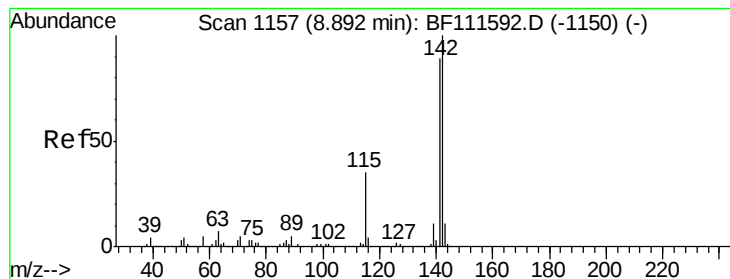
#36
4-Chloro-3-methylphenol
Concen: 26.053 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:107 Resp: 243182
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 81.3 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 28.718 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

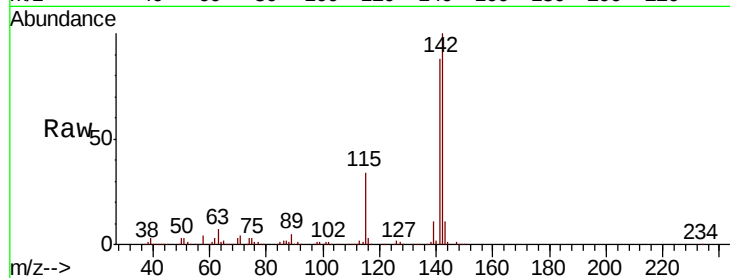
Tot Ion:142 Resp: 550554

Ion Ratio Lower Upper

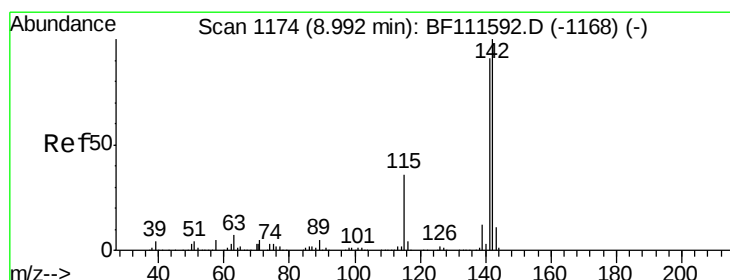
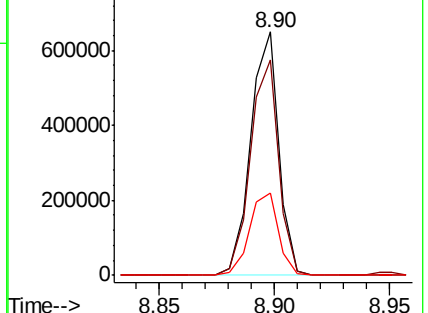
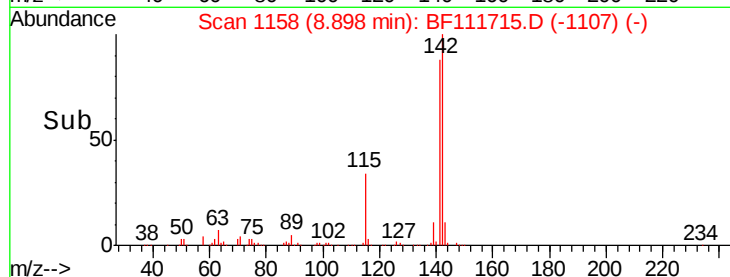
142 100

141 88.4 70.6 105.8

115 34.0 27.0 40.6



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: 28.334 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

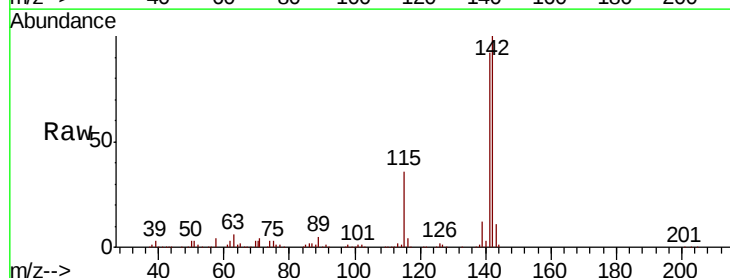
Tgt Ion:142 Resp: 521684

Ion Ratio Lower Upper

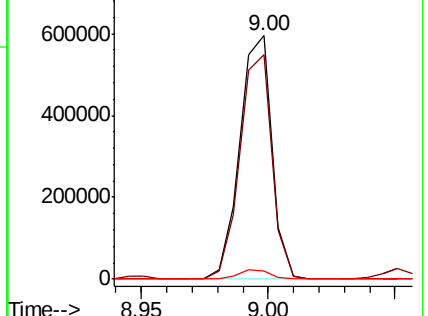
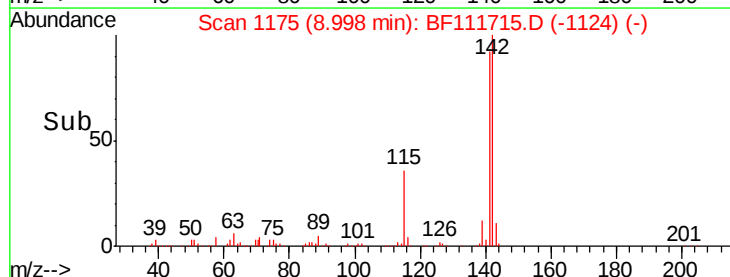
142 100

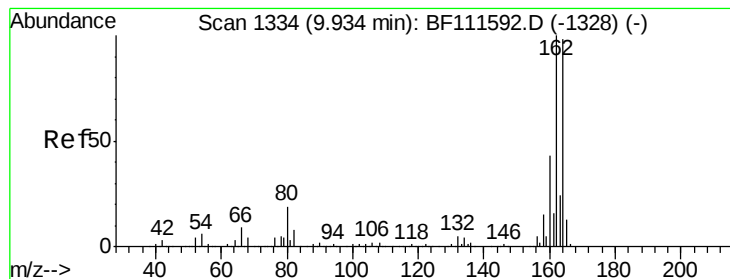
141 92.1 74.2 111.4

116 3.6 2.9 4.3



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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampled :

S-1(5)MS

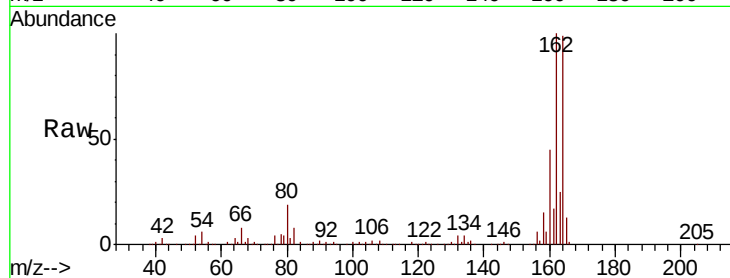
Tot Ion:164 Resp: 307403

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

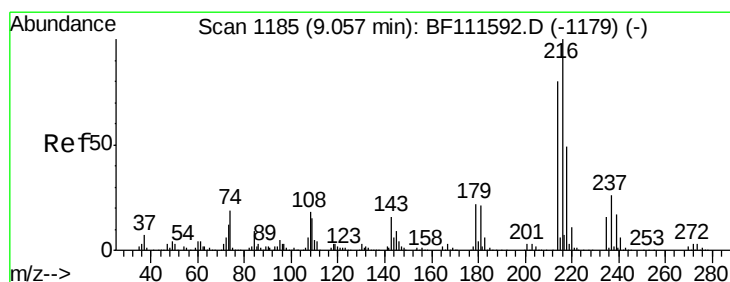
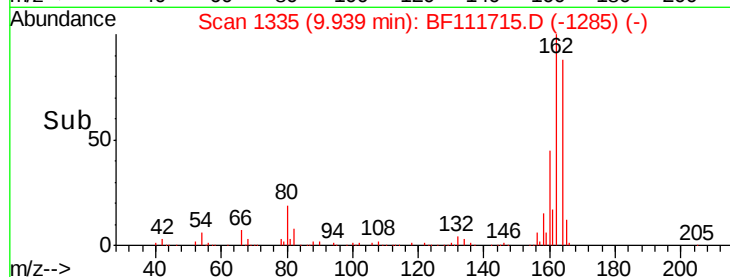
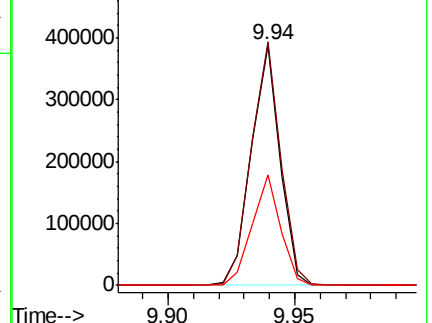
160 45.8 35.7 53.5



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: 26.729 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Tgt Ion:216 Resp: 270000

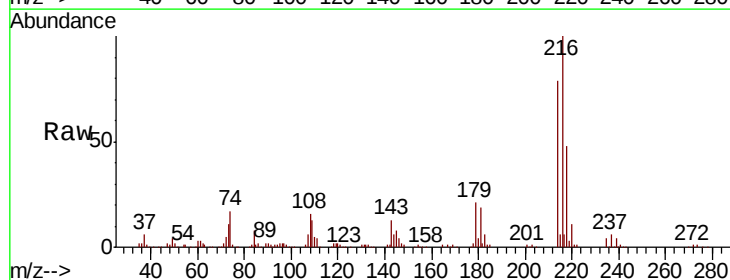
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 20.4 17.9 26.9

108 18.0 18.4 27.6#

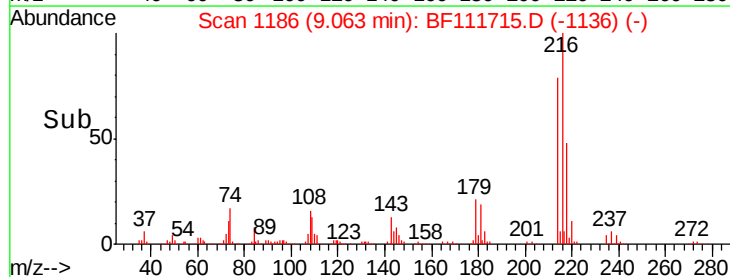
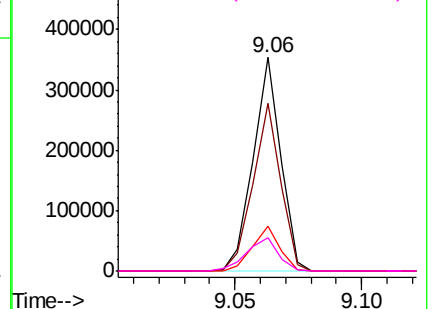


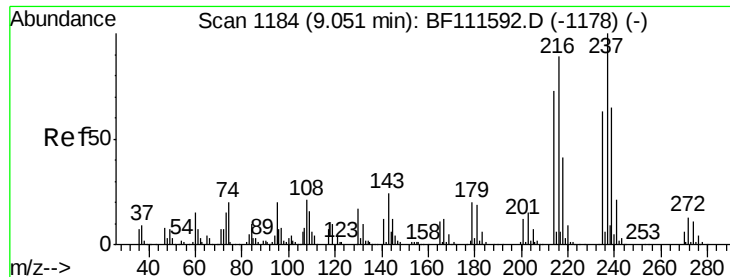
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.988 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

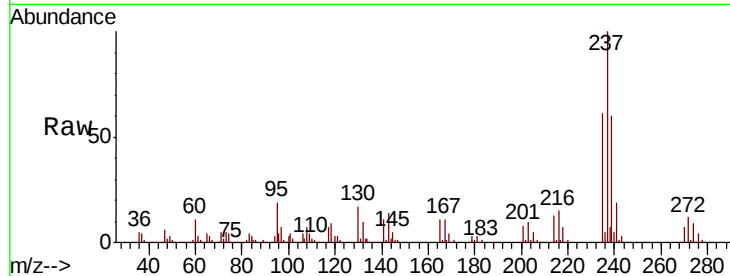
Tot Ion:237 Resp: 186209

Ion Ratio Lower Upper

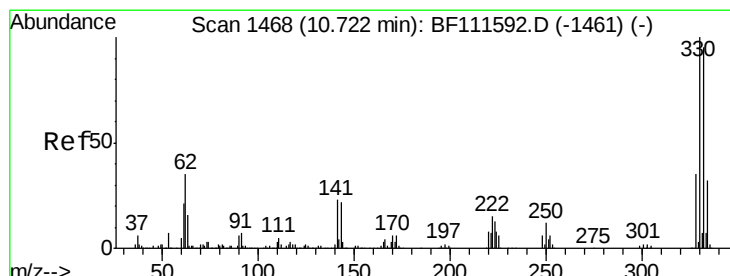
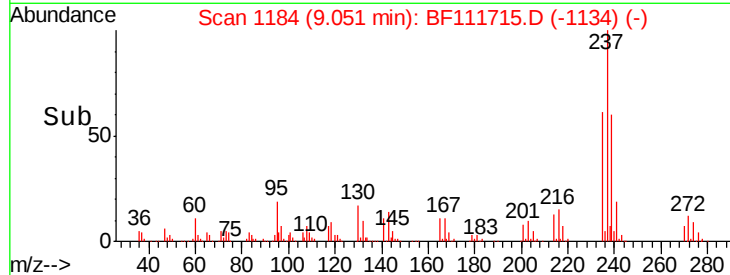
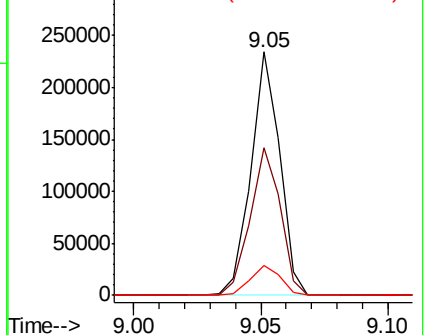
237 100

235 60.7 43.1 83.1

272 12.0 0.0 33.0



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: 80.465 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

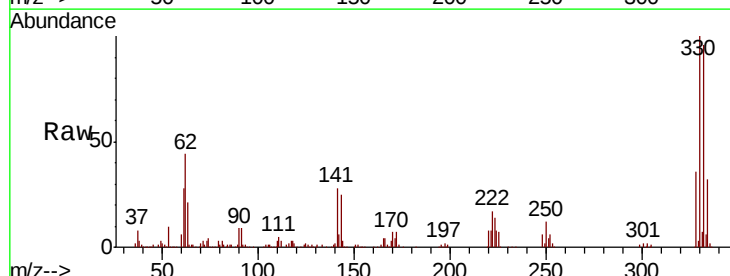
Tgt Ion:330 Resp: 292265

Ion Ratio Lower Upper

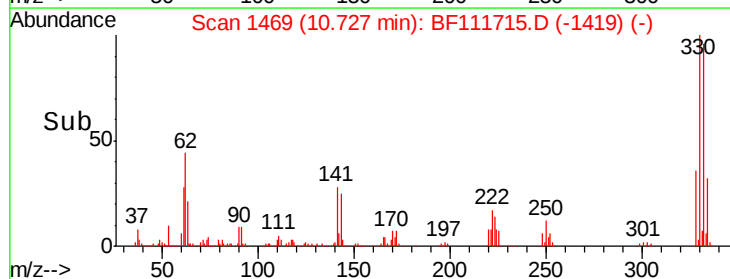
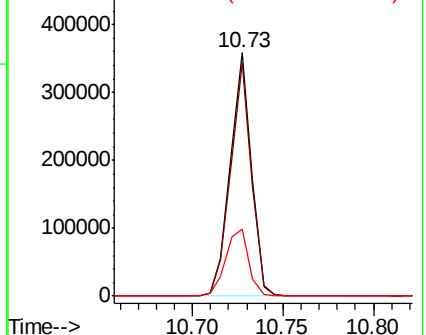
330 100

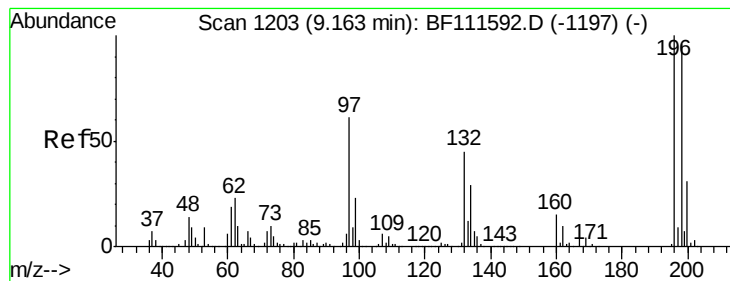
332 95.2 76.0 114.0

141 30.1 31.0 46.6#



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: 26.696 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

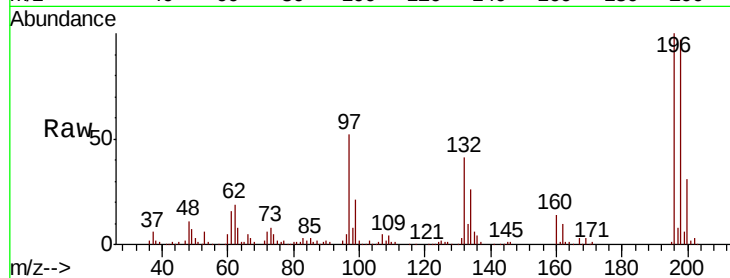
Tot Ion:196 Resp: 180043

Ion Ratio Lower Upper

196 100

198 96.9 76.3 114.5

200 31.2 24.9 37.3

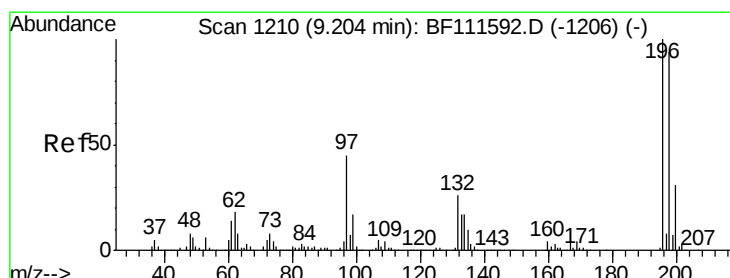
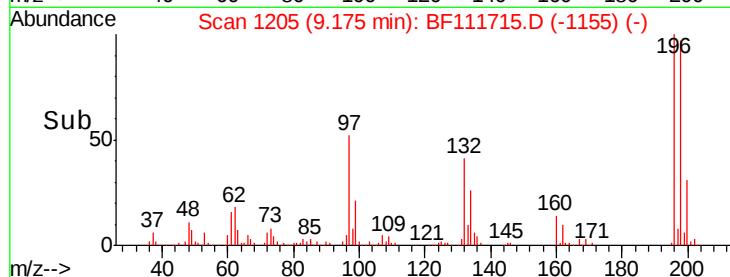
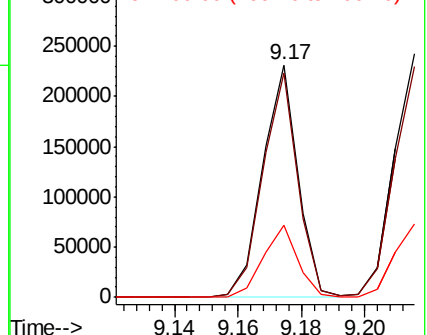


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 27.307 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Tgt Ion:196 Resp: 188927

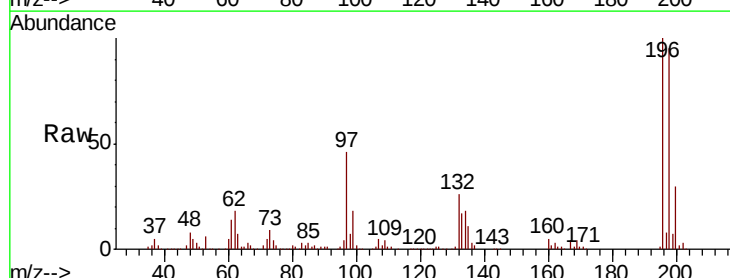
Ion Ratio Lower Upper

196 100

198 94.7 72.9 109.3

97 45.7 45.3 67.9

132 26.0 25.5 38.3



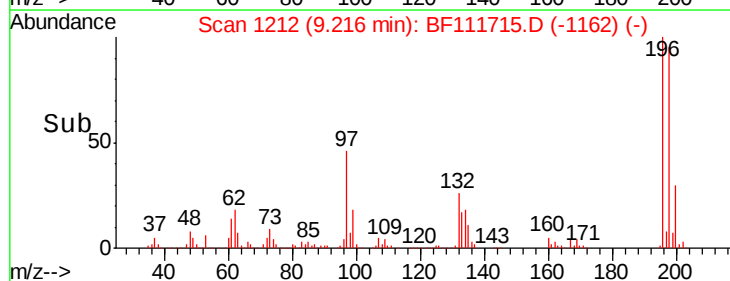
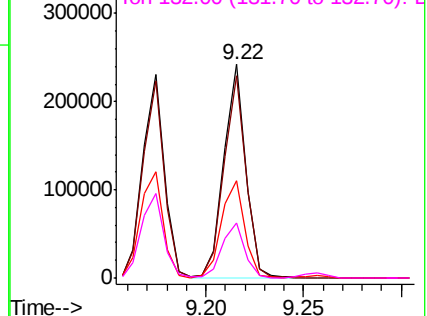
Abundance

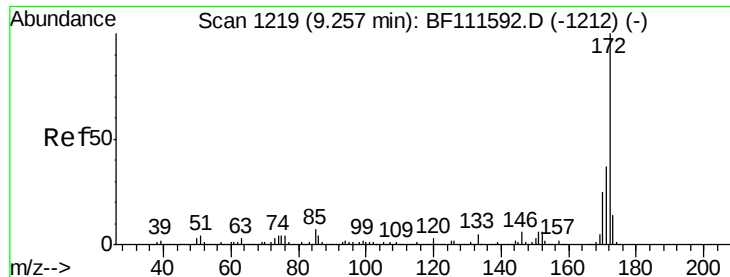
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



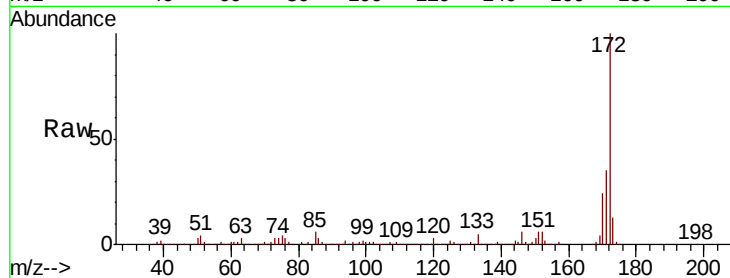


#45
 2-Fluorobiphenyl
 Concen: 53.446 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

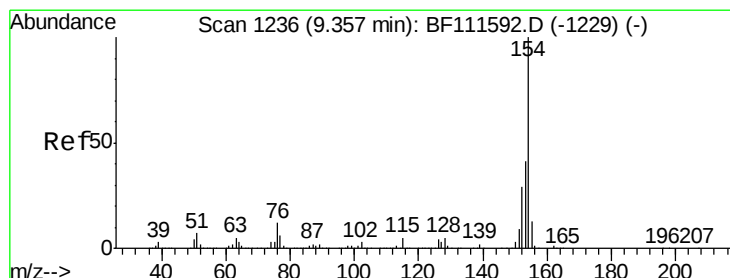
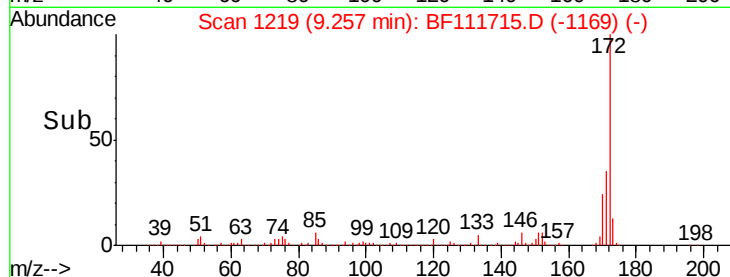
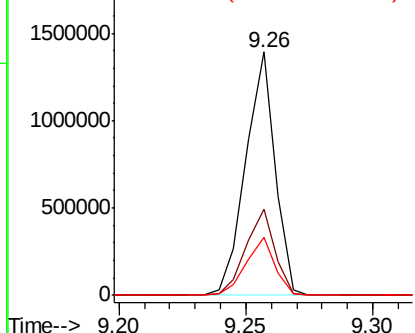
Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

Tot Ion:172 Resp: 1127172

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.7	22.3	33.5



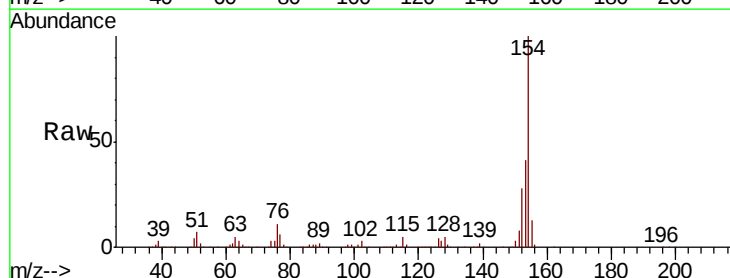
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



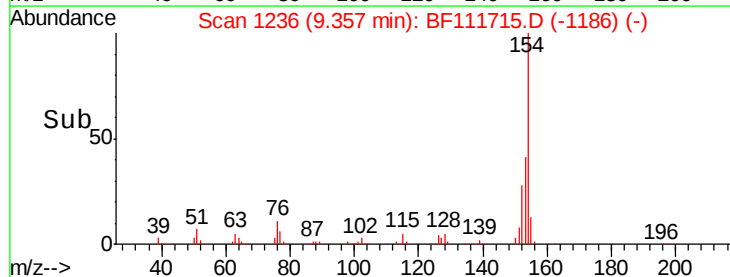
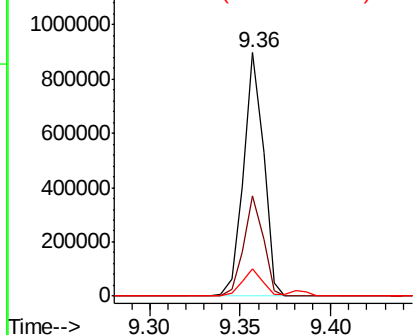
#46
 1,1'-Biphenyl
 Concen: 26.502 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

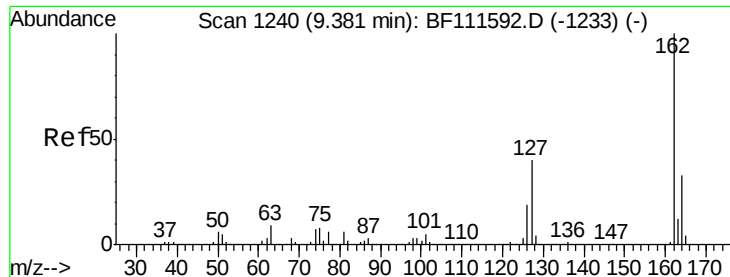
Tgt Ion:154 Resp: 687714

Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.7	63.7
76	11.3	0.0	35.0



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

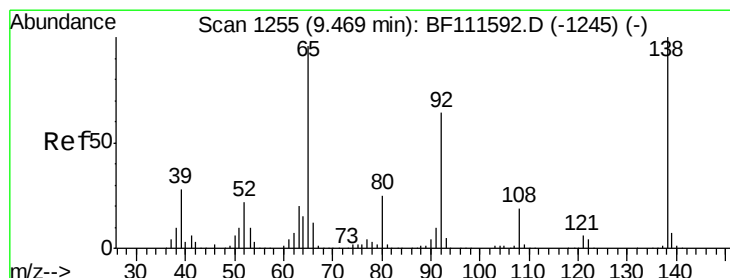
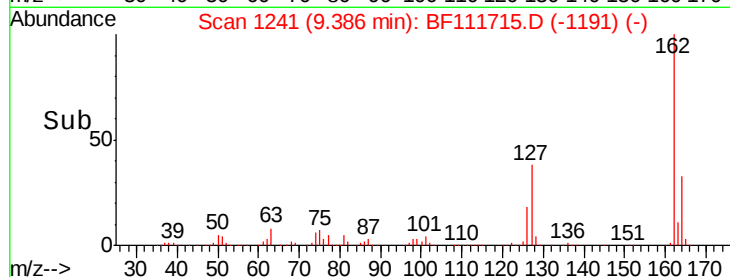
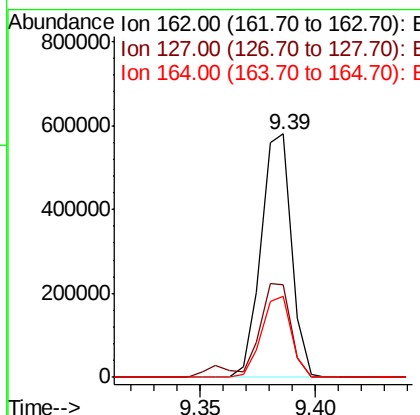
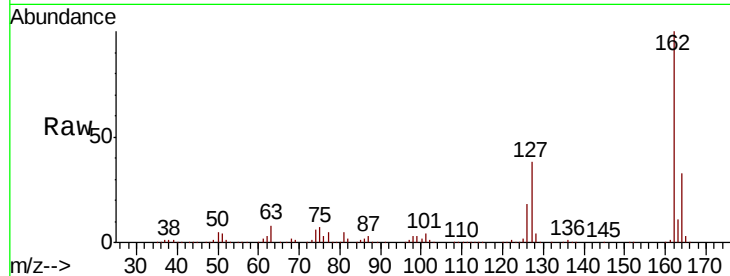




#47
 2-Chloronaphthalene
 Concen: 26.007 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

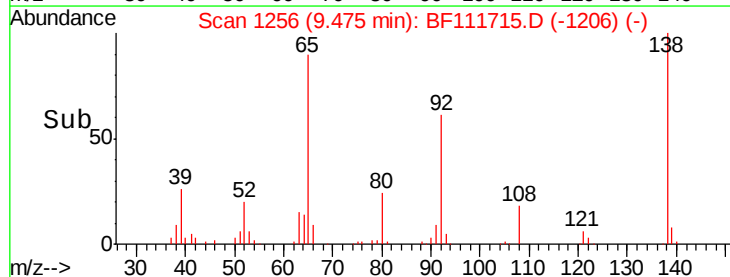
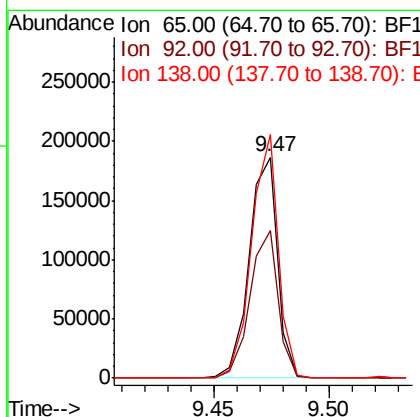
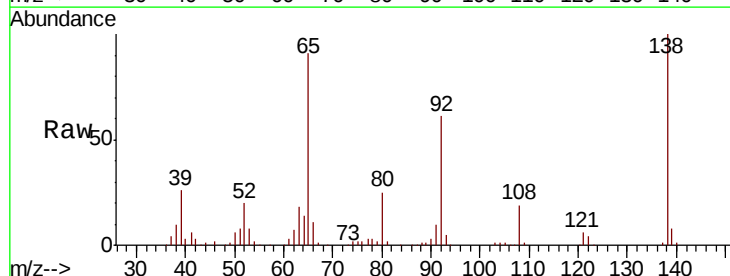
Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

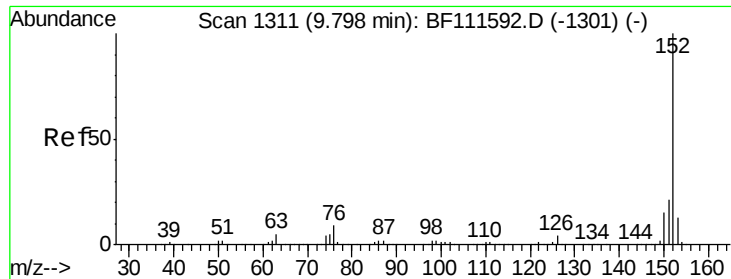
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	35.0	52.4
164	33.3	28.4	42.6



#48
 2-Nitroaniline
 Concen: 30.013 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.5	80.3
138	110.4	80.9	121.3





#49

Acenaphthylene

Concen: 27.973 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

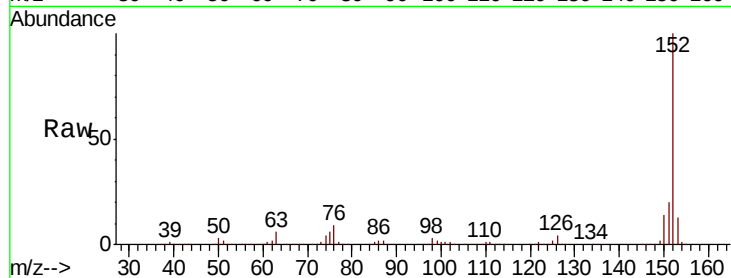
Tot Ion:152 Resp: 839709

Ion Ratio Lower Upper

152 100

151 20.2 18.0 27.0

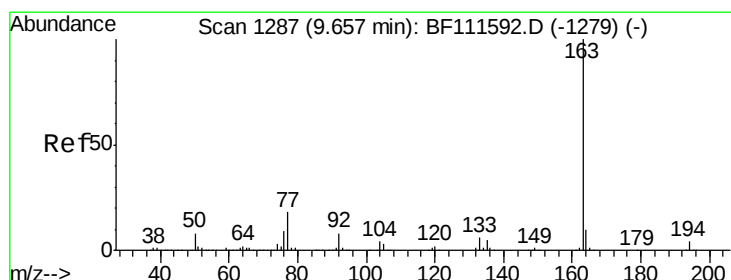
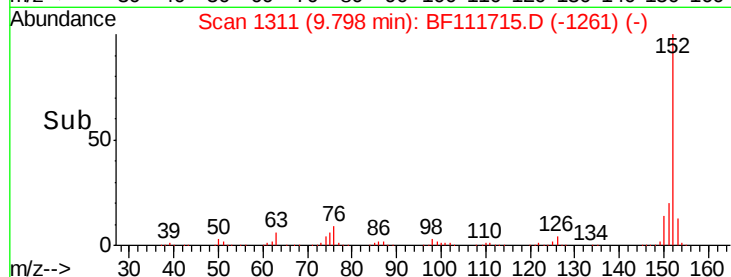
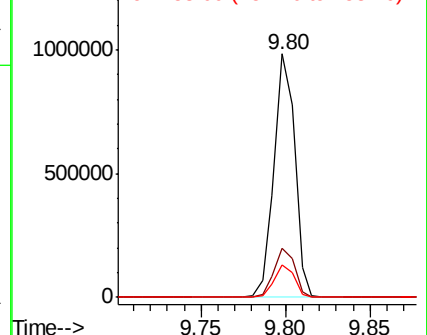
153 13.4 12.3 18.5



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: 36.678 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

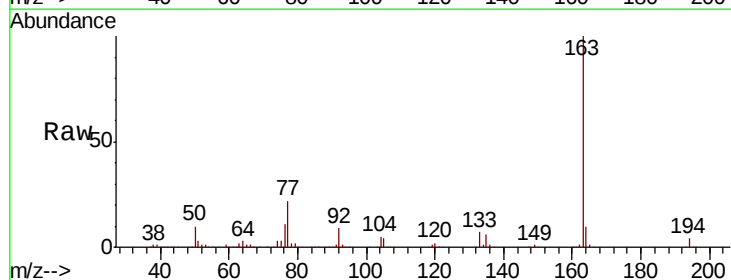
Tgt Ion:163 Resp: 824507

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

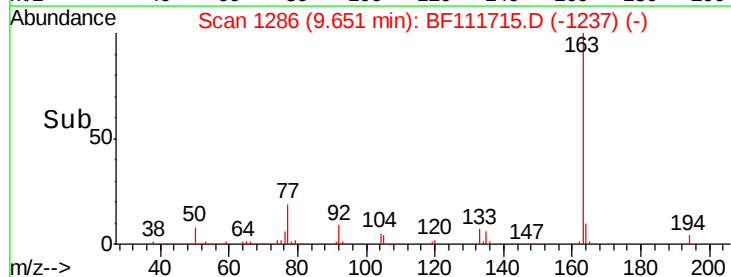
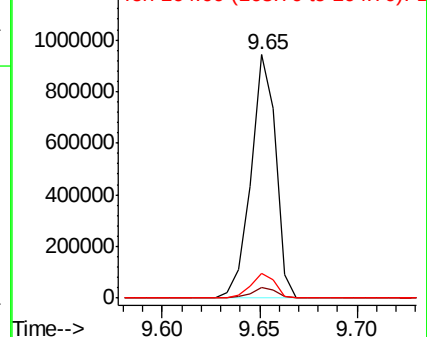
164 10.3 8.9 13.3

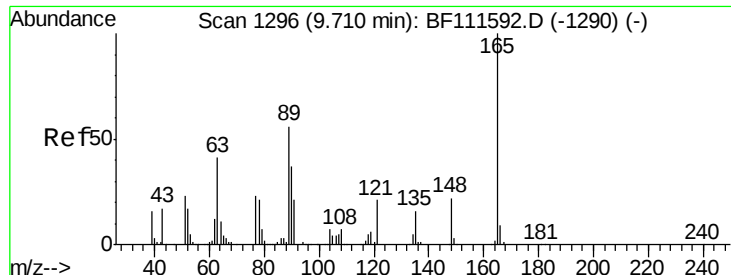


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

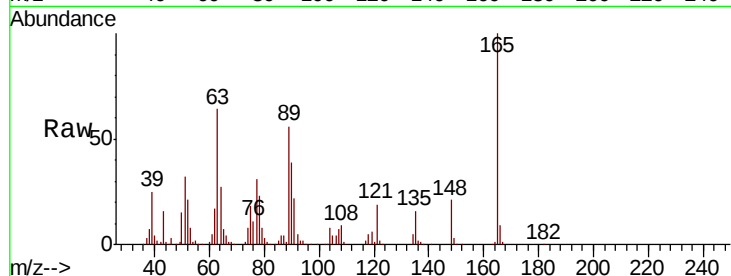




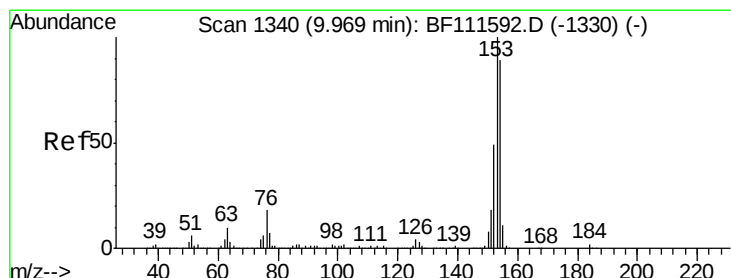
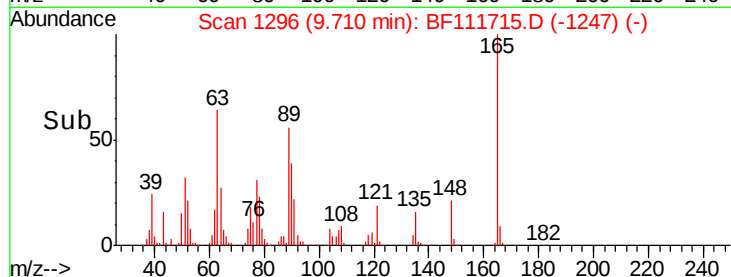
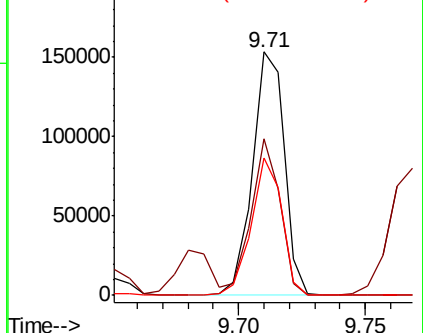
#51
 2,6-Dinitrotoluene
 Concen: 30.061 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

Tot Ion:165 Resp: 134744
 Ion Ratio Lower Upper
 165 100
 63 64.1 40.5 60.7#
 89 56.2 40.0 60.0

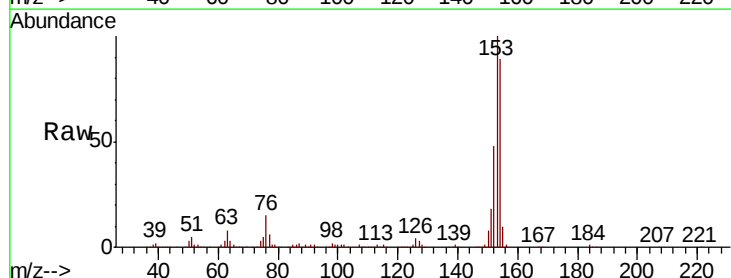


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

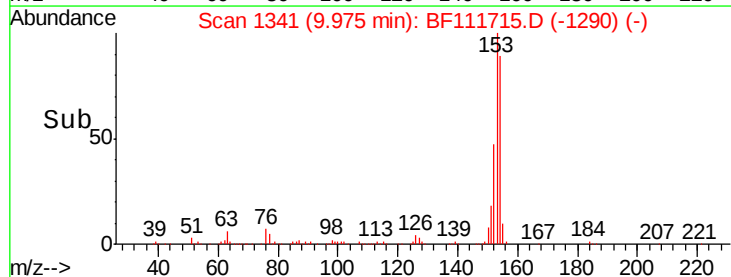
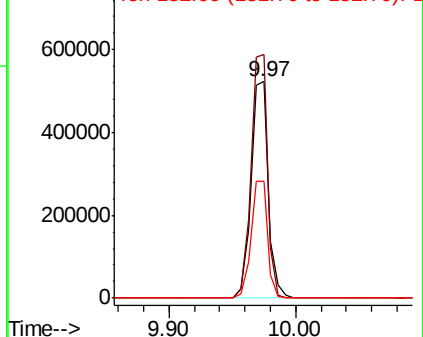


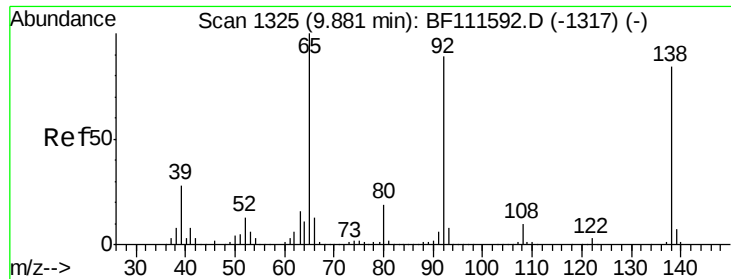
#52
 Acenaphthene
 Concen: 26.818 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion:154 Resp: 496505
 Ion Ratio Lower Upper
 154 100
 153 112.5 87.8 131.8
 152 53.8 43.4 65.2



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

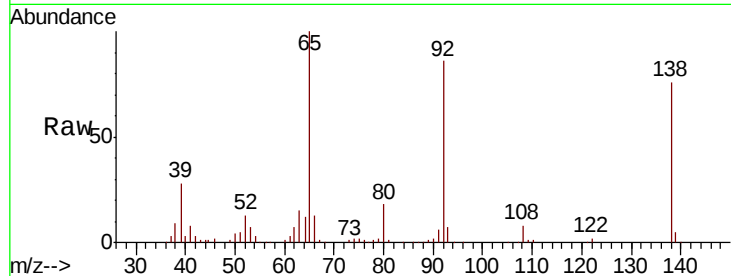




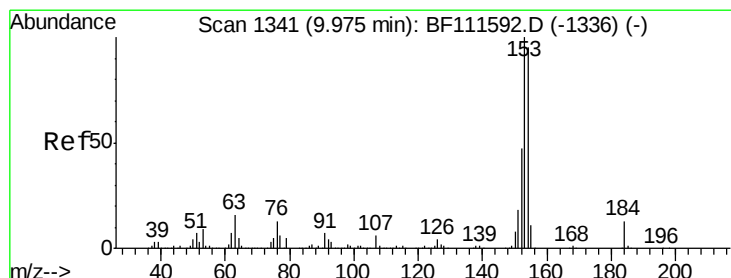
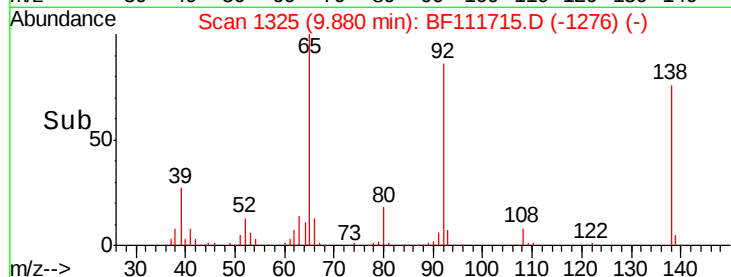
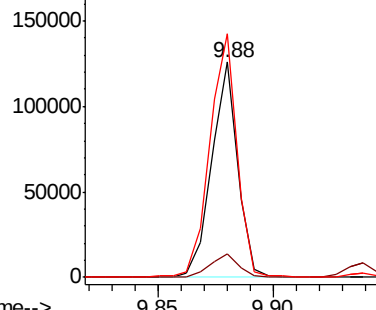
#53
3-Nitroaniline
Concen: 20.677 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:138 Resp: 98846
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 113.2 93.4 140.2

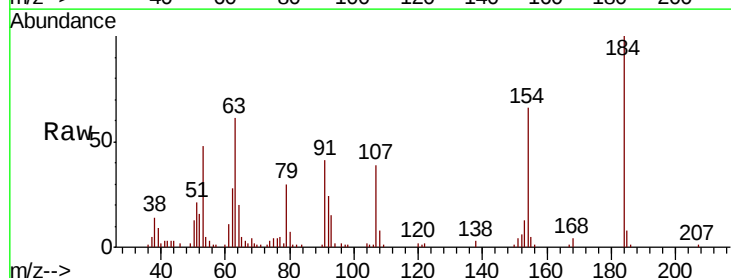


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

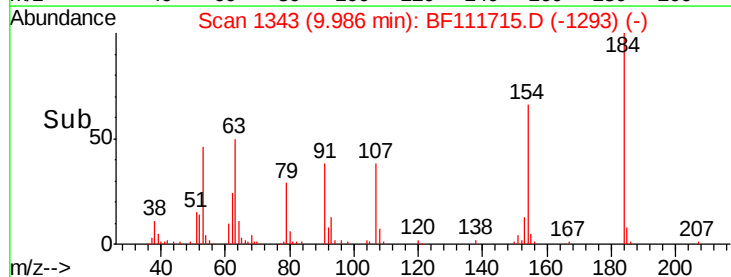
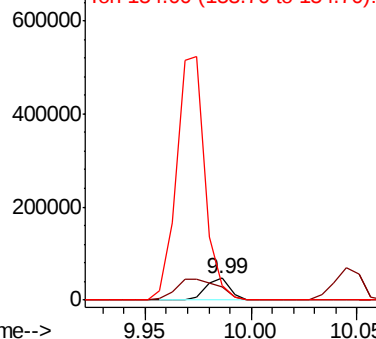


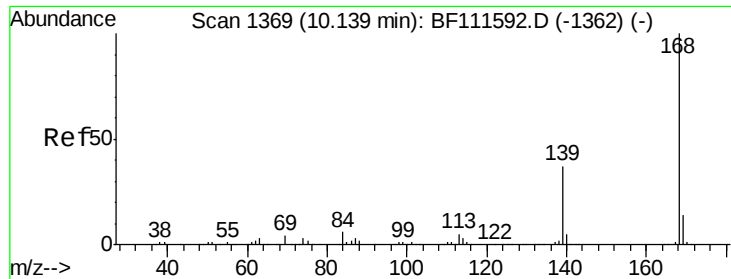
#54
2,4-Dinitrophenol
Concen: 31.469 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:184 Resp: 38251
Ion Ratio Lower Upper
184 100
63 61.1 62.3 93.5#
154 66.4 56.2 84.2



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

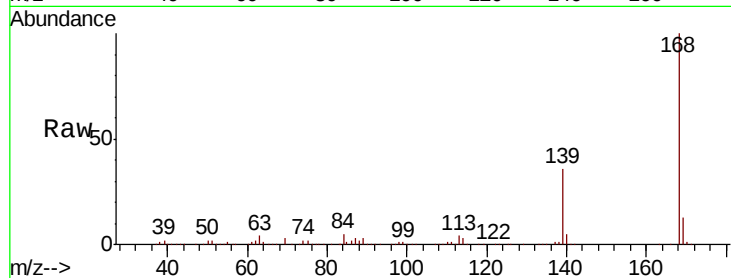




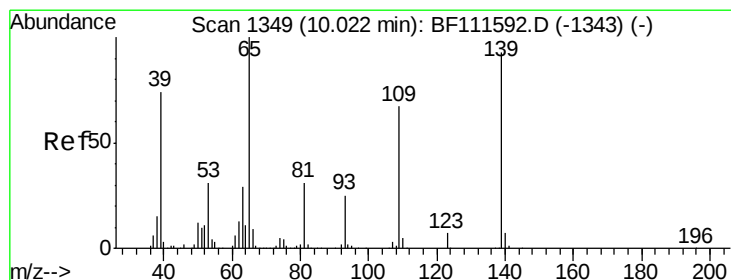
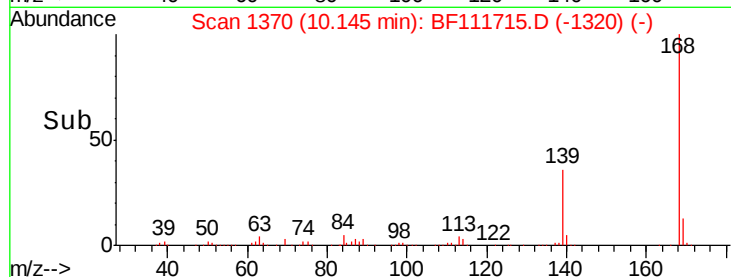
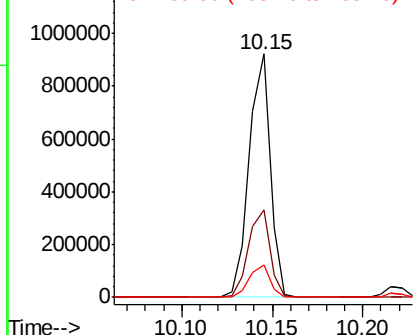
#55
Dibenzofuran
Concen: 26.731 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:168 Resp: 747680
Ion Ratio Lower Upper
168 100
139 35.8 32.6 49.0
169 13.3 11.8 17.6

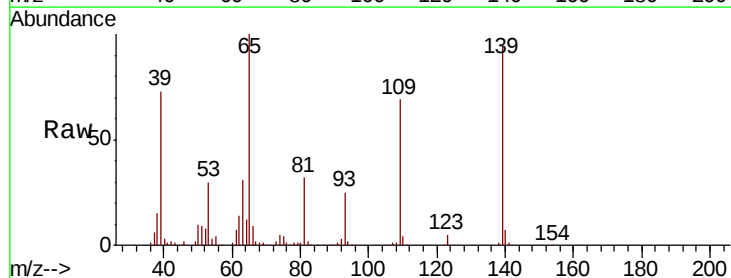


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

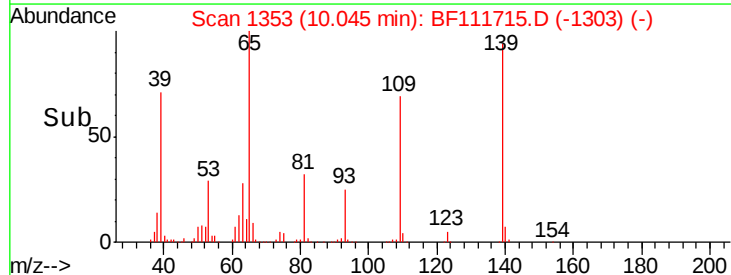
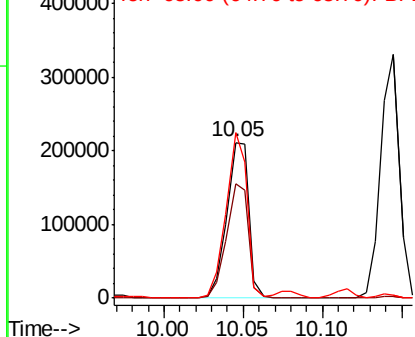


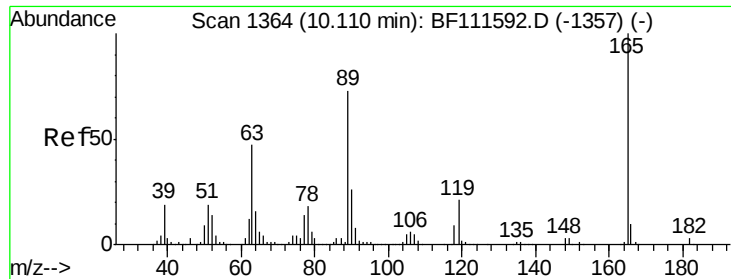
#56
4-Nitrophenol
Concen: 56.345 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:139 Resp: 205559
Ion Ratio Lower Upper
139 100
109 73.4 41.8 81.8
65 106.3 79.6 119.6



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

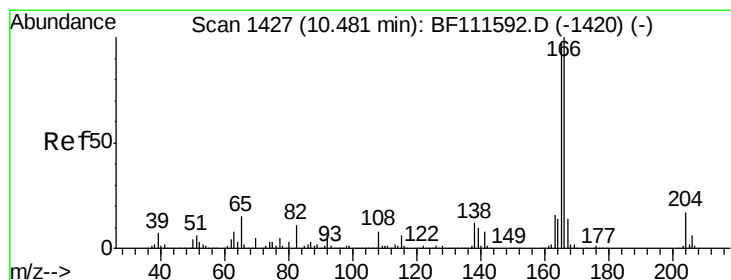
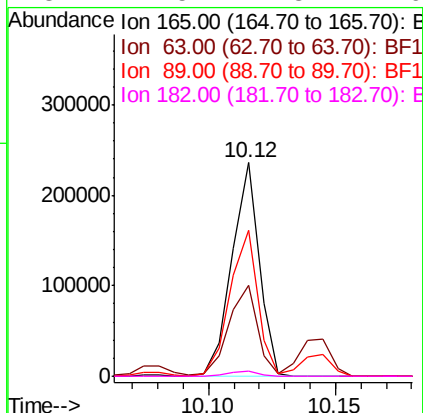
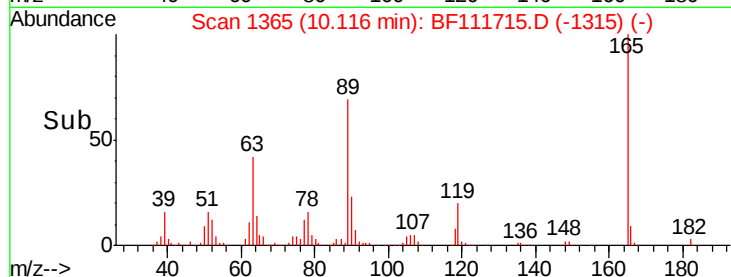
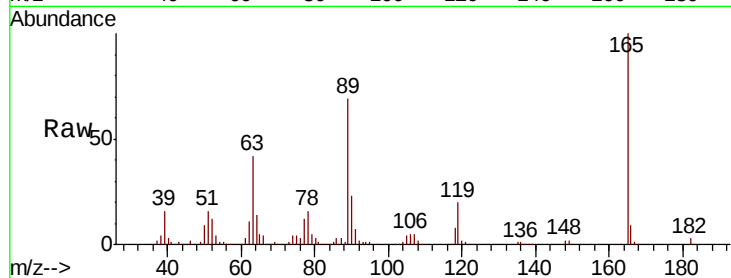




#57
2,4-Dinitrotoluene
Concen: 32.891 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

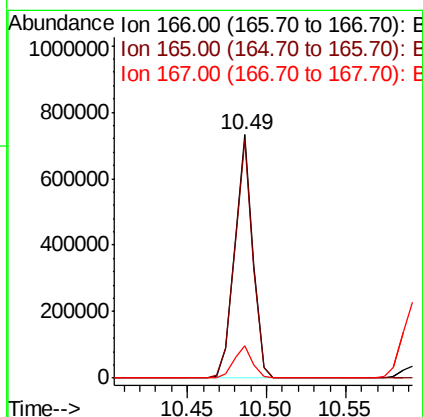
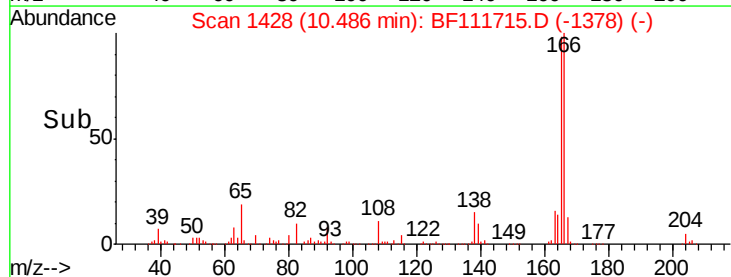
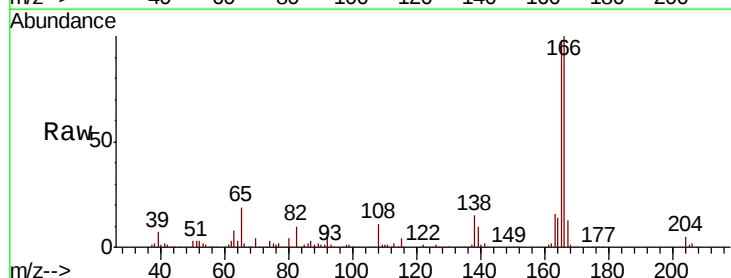
Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

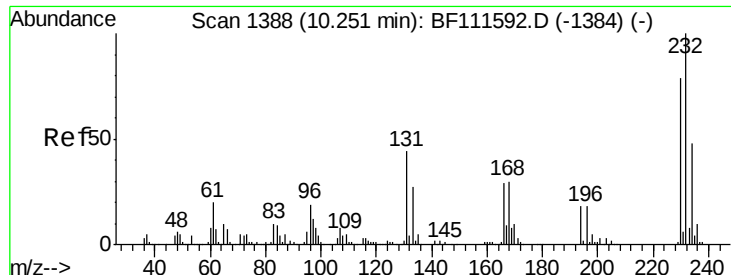
Tot Ion:165	Resp:	177190
Ion Ratio	Lower	Upper
165 100		
63 42.3	34.6	52.0
89 68.5	56.2	84.4
182 2.5	1.8	2.6



#58
Fluorene
Concen: 28.587 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt	Ion:166	Resp:	576177
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.1	11.2	16.8

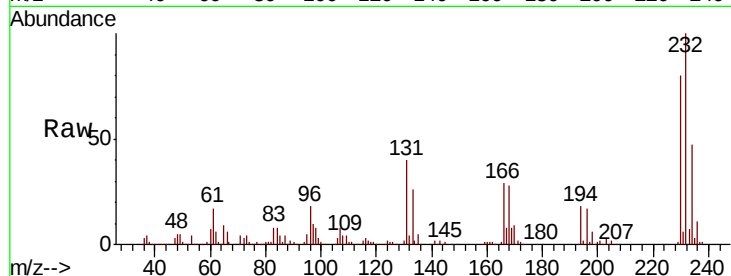




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.331 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	40.9	61.3
130	2.3	2.0	3.0
166	29.6	26.8	40.2



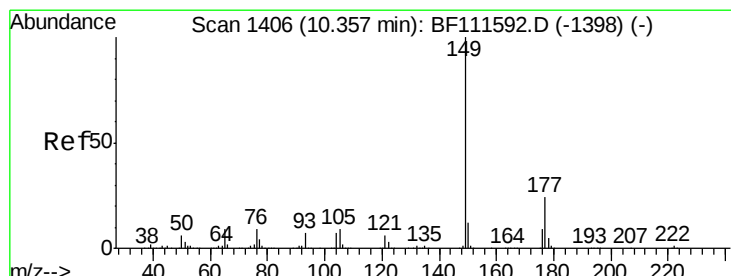
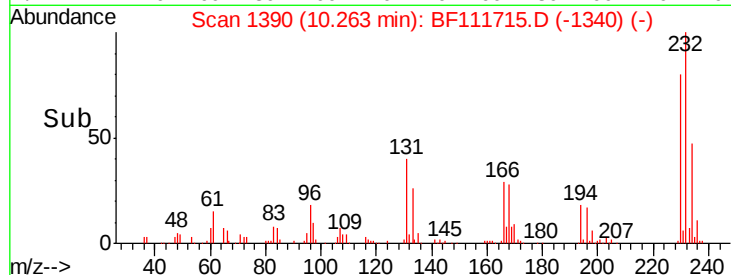
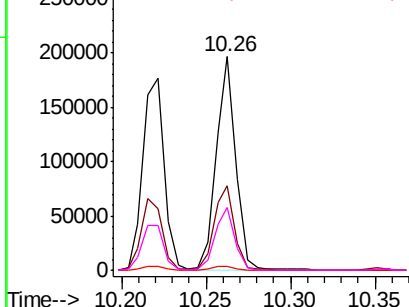
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

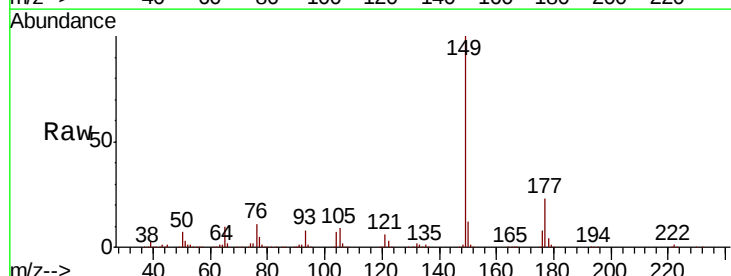
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 28.387 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.3	10.6	15.8

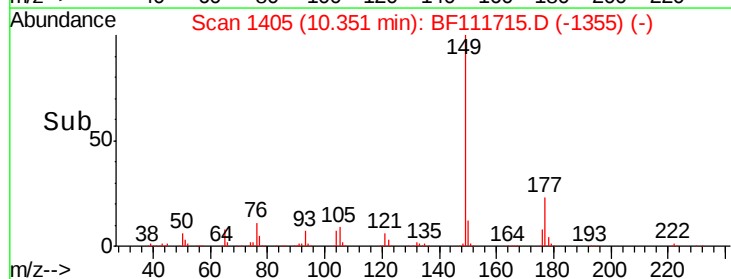
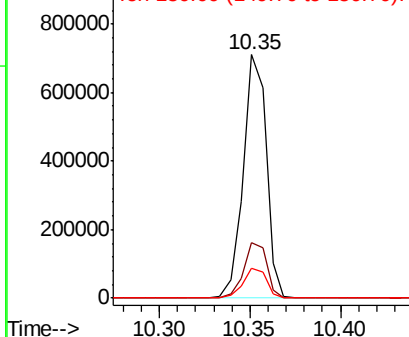


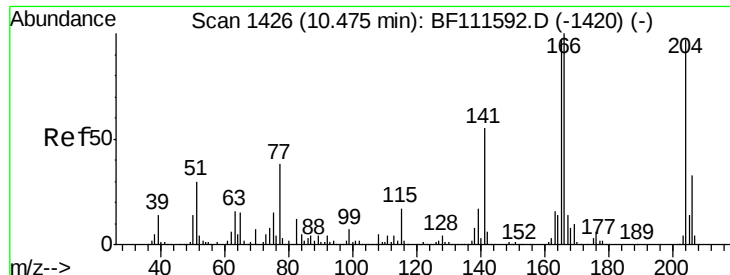
Abundance

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

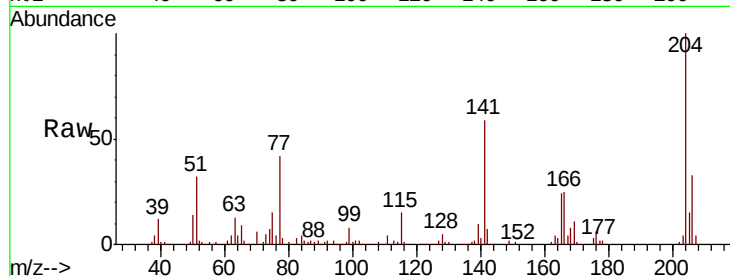




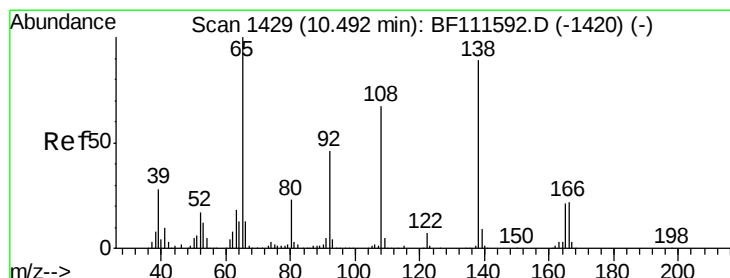
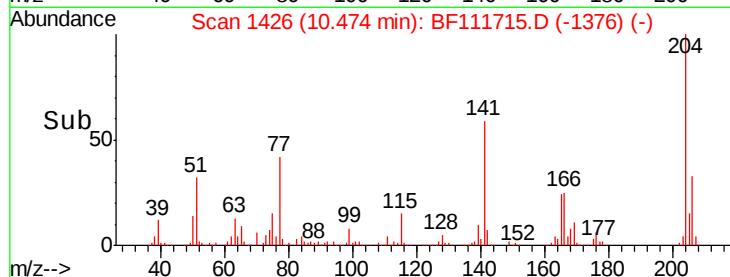
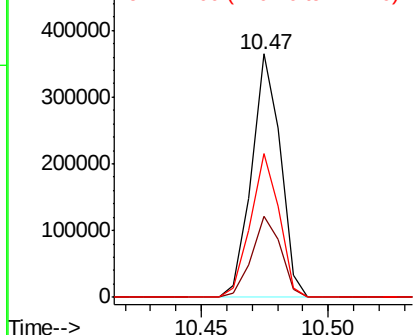
#61
4-Chlorophenyl-phenylether
Concen: 25.996 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampled :
S-1(5)MS

Tot Ion:204 Resp: 289480
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 59.0 52.6 78.8

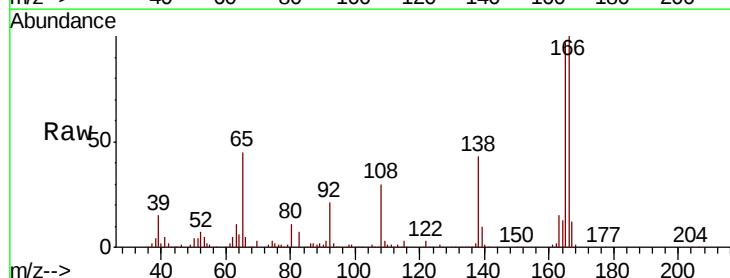


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

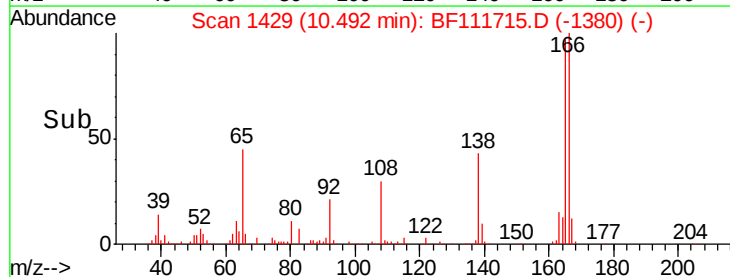
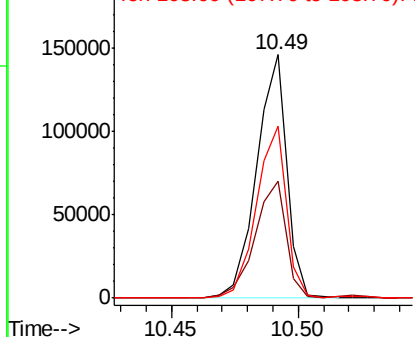


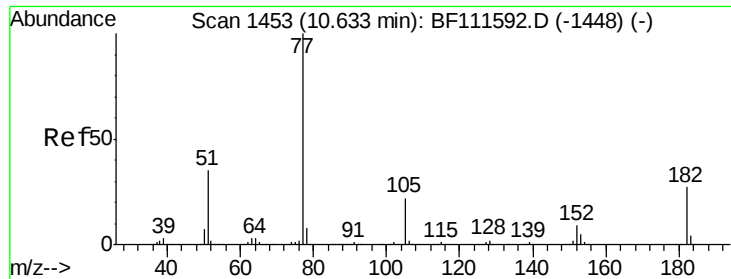
#62
4-Nitroaniline
Concen: 26.057 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:138 Resp: 121066
Ion Ratio Lower Upper
138 100
92 48.2 29.9 69.9
108 70.4 43.2 83.2



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

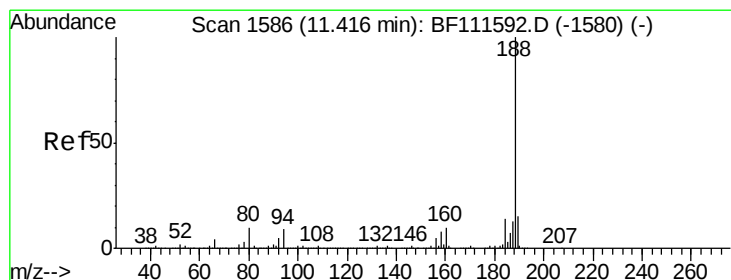
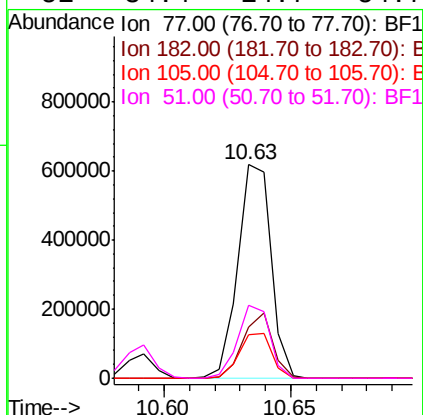
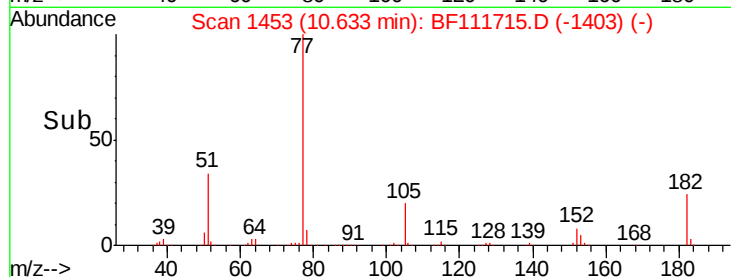
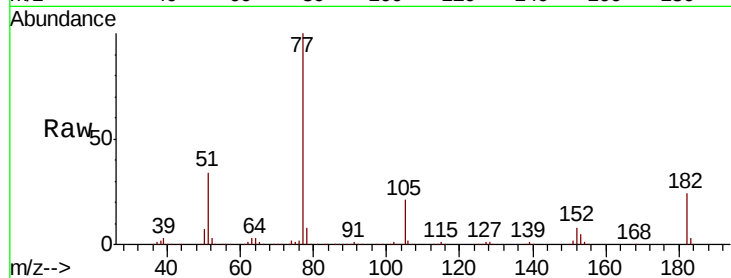




#63
Azobenzene
Concen: 25.438 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

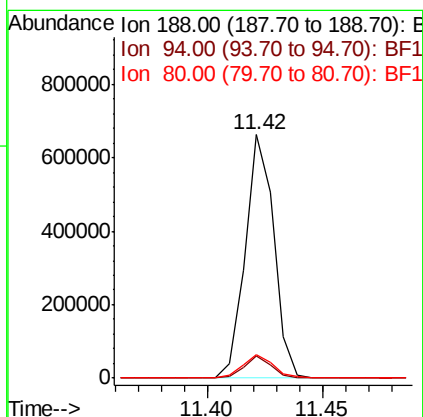
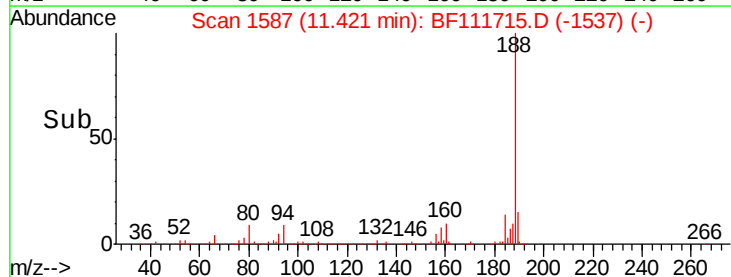
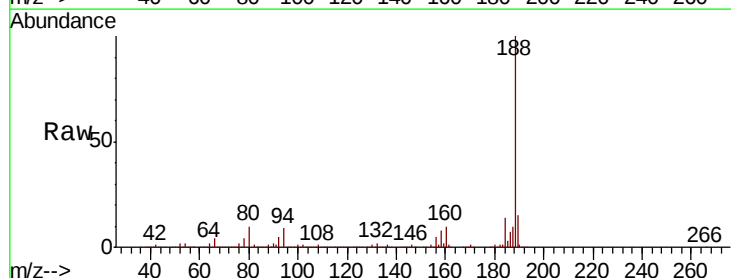
Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

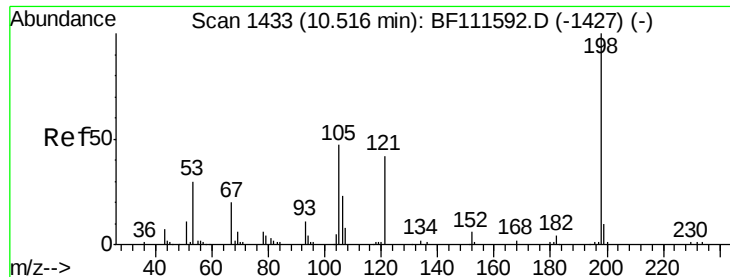
Tot Ion:	77	Resp:	563133
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.9	44.9
105	20.6	6.0	46.0
51	34.4	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:	188	Resp:	574880
Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.6	9.8	14.6#

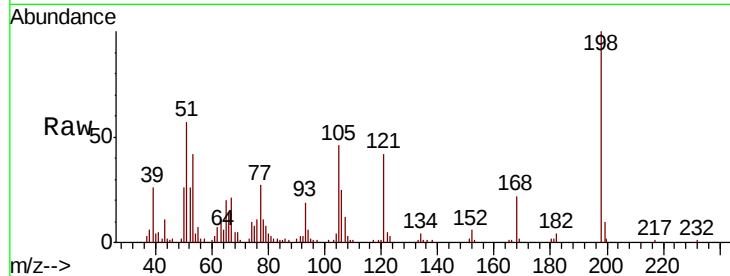




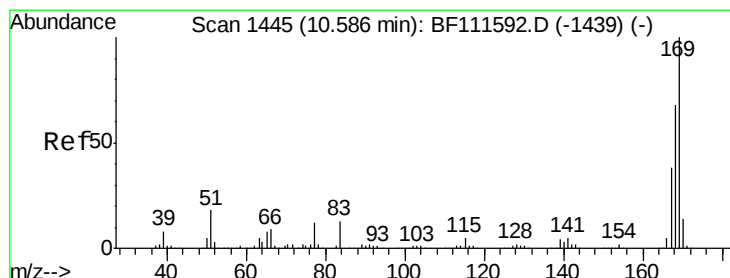
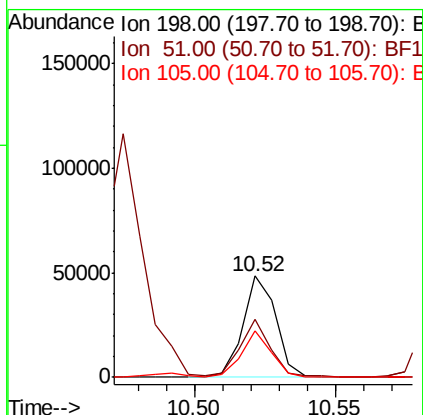
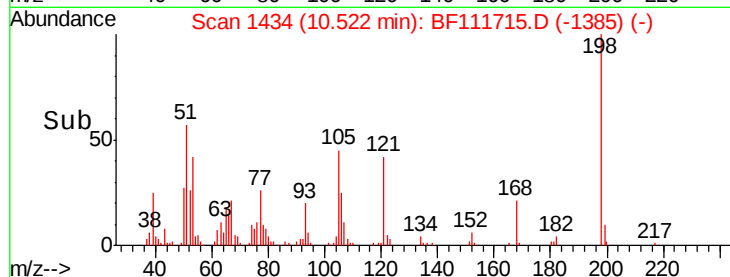
#65
4,6-Dinitro-2-methylphenol
Concen: 20.830 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:198 Resp: 39030
Ion Ratio Lower Upper
198 100
51 56.9 48.0 88.0
105 46.1 34.0 74.0

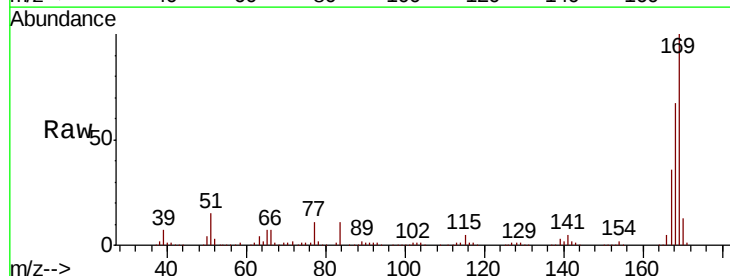


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

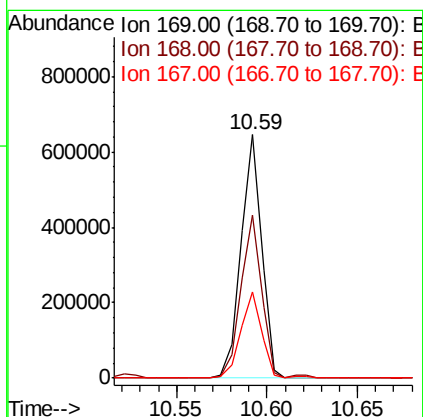
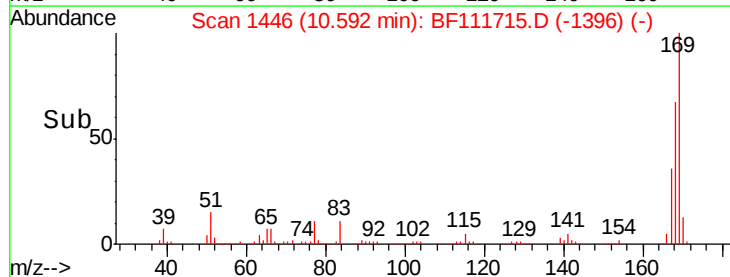


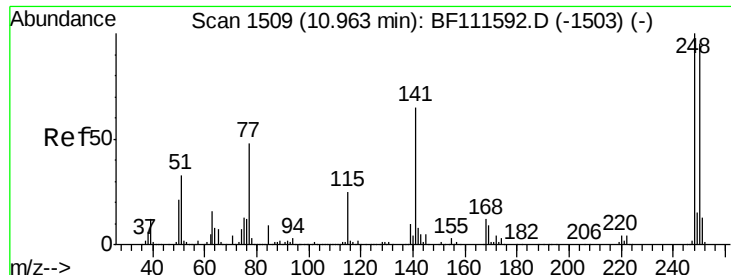
#66
n-Nitrosodiphenylamine
Concen: 26.486 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:169 Resp: 511109
Ion Ratio Lower Upper
169 100
168 66.9 54.4 81.6
167 35.5 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

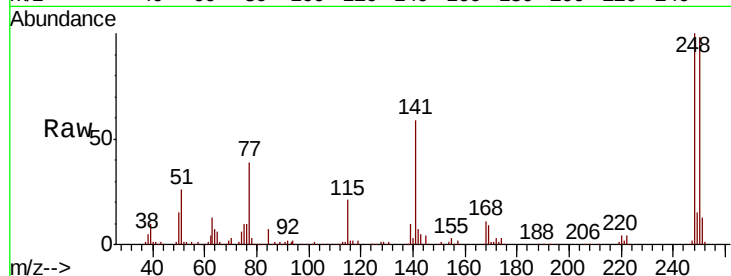




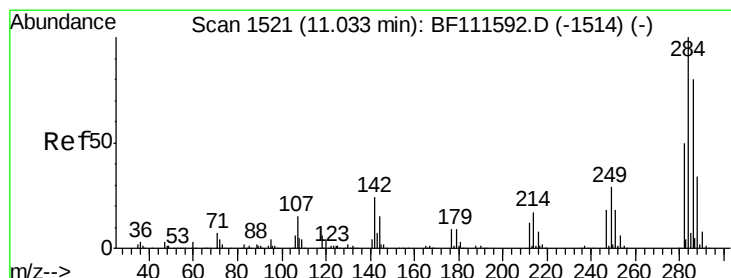
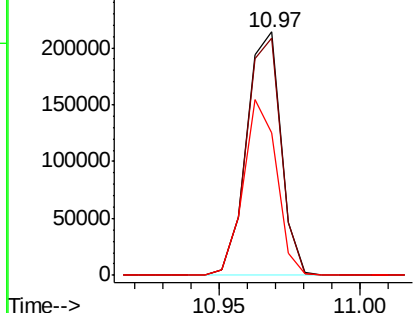
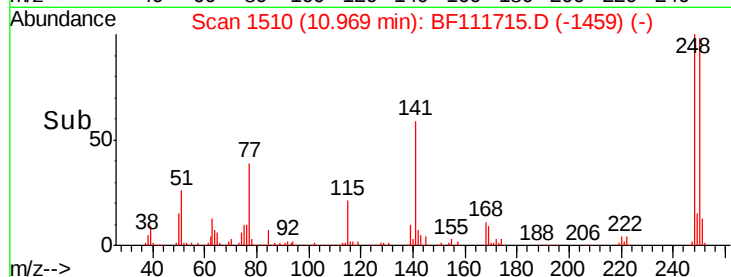
#67
 4-Bromophenyl-phenylether
 Concen: 25.380 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

Tot Ion:248 Resp: 180970
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.0 115.4
 141 58.8 63.0 94.6#

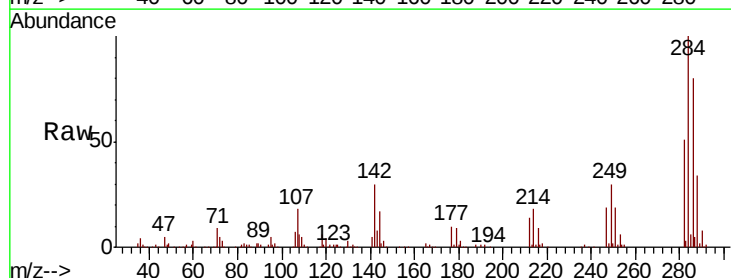


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

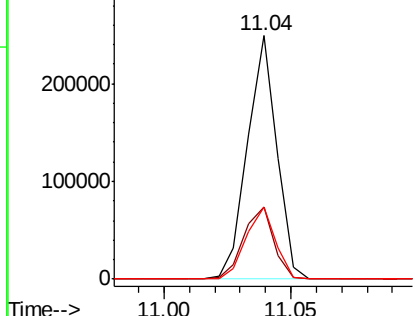
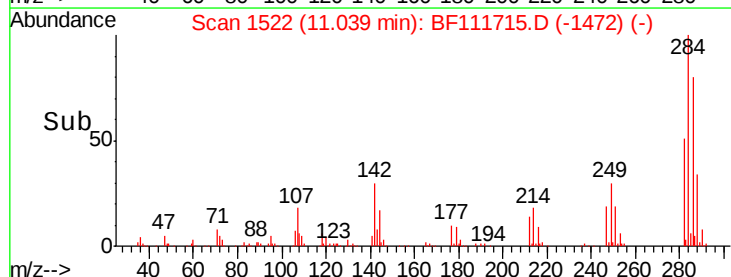


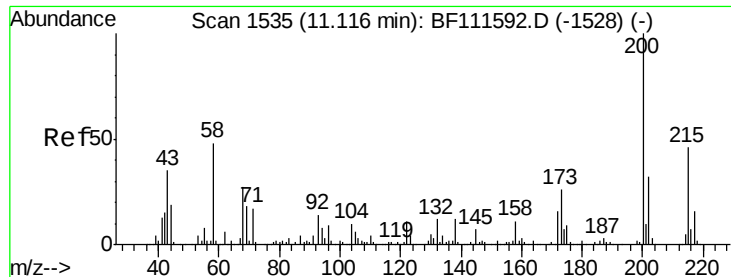
#68
 Hexachlorobenzene
 Concen: 25.268 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion:284 Resp: 200889
 Ion Ratio Lower Upper
 284 100
 142 29.8 27.4 41.2
 249 29.9 24.4 36.6



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

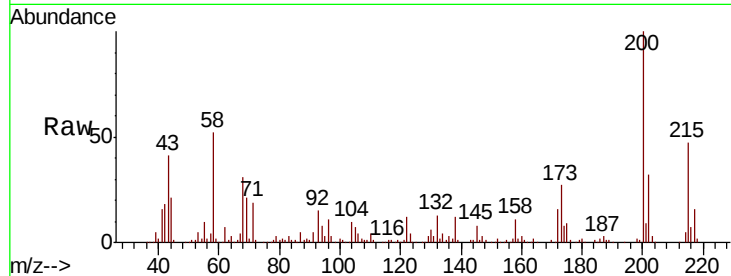




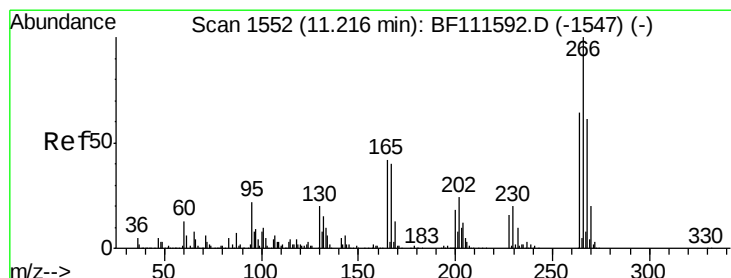
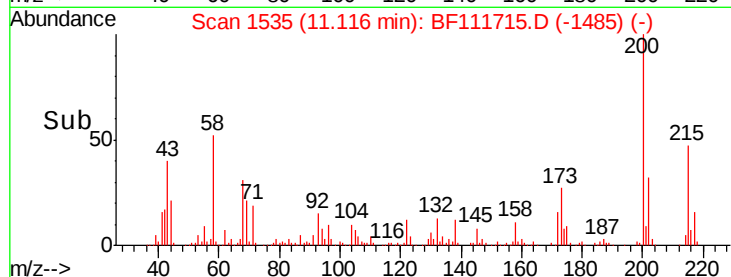
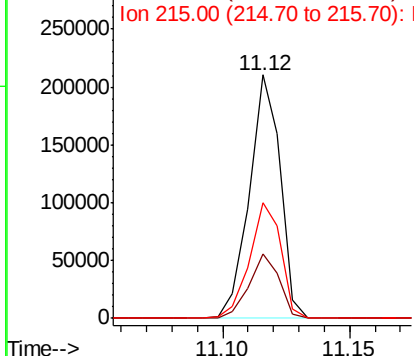
#69
Atrazine
Concen: 26.597 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampled :
S-1(5)MS

Tot Ion:200 Resp: 178308
Ion Ratio Lower Upper
200 100
173 26.5 10.1 50.1
215 47.4 26.9 66.9

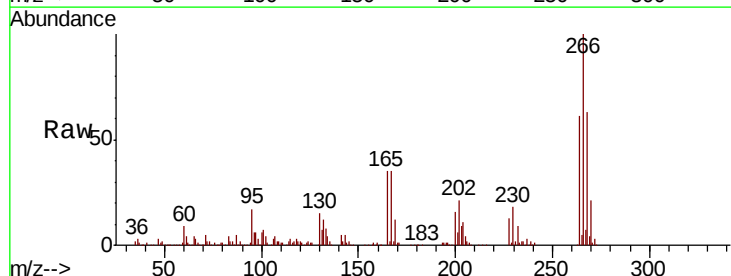


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

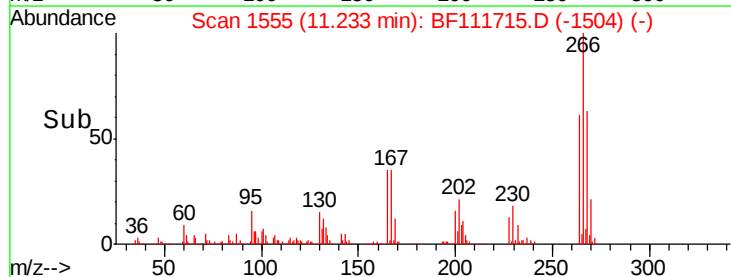
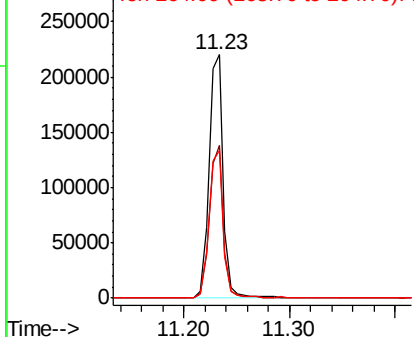


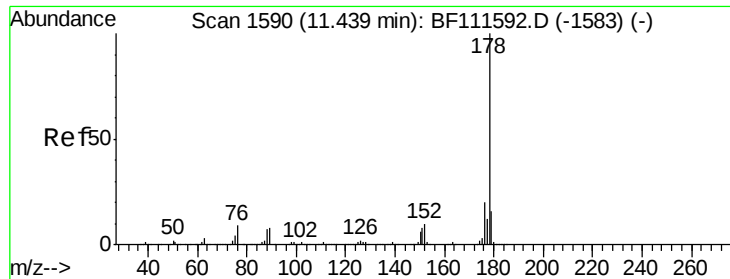
#70
Pentachlorophenol
Concen: 42.354 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:266 Resp: 208169
Ion Ratio Lower Upper
266 100
268 62.5 47.9 71.9
264 60.9 49.1 73.7



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: 28.175 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

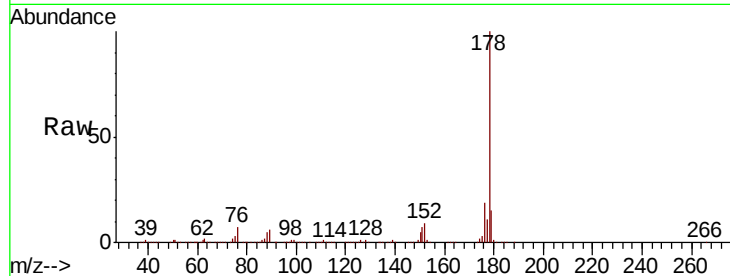
Tot Ion:178 Resp: 859009

Ion Ratio Lower Upper

178 100

176 19.2 18.1 27.1

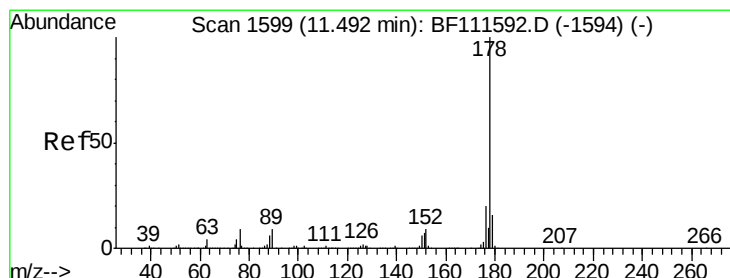
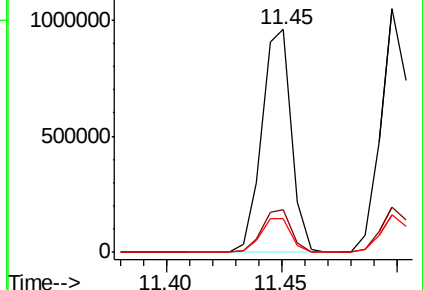
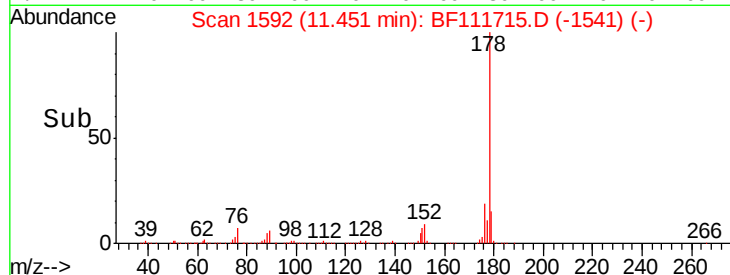
179 15.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 28.264 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

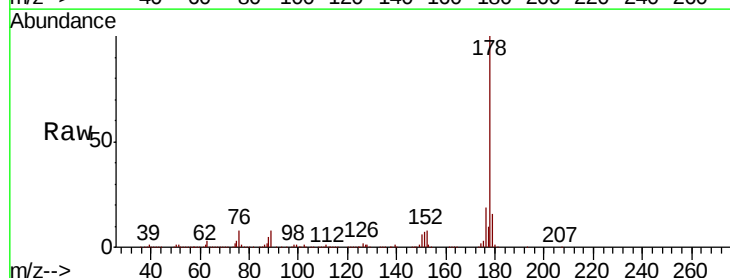
Tgt Ion:178 Resp: 864930

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

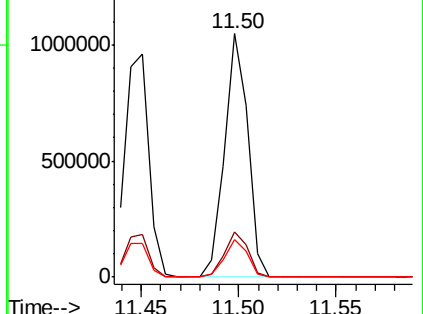
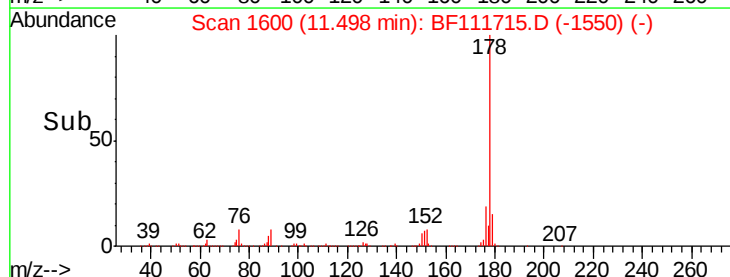
179 15.5 13.8 20.8

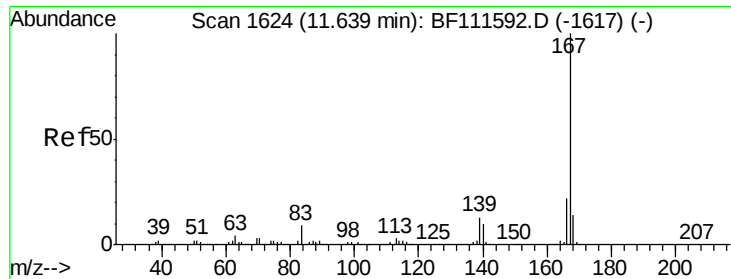


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

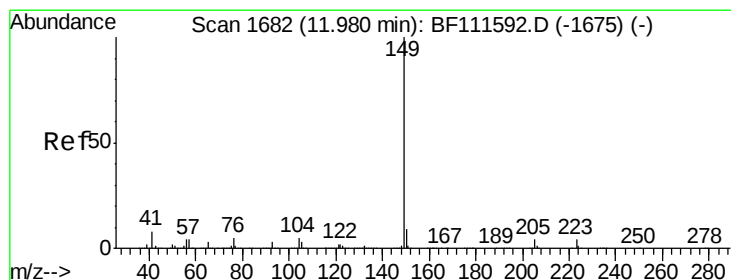
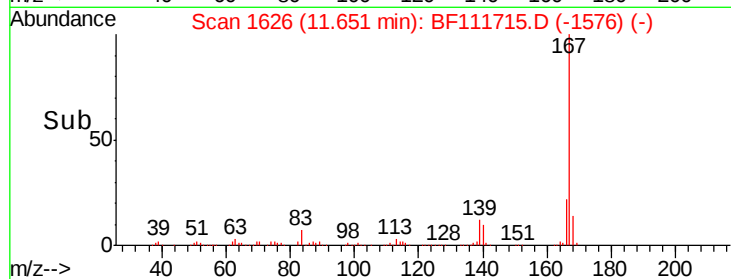
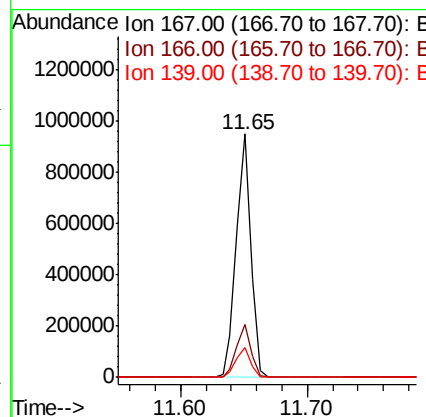
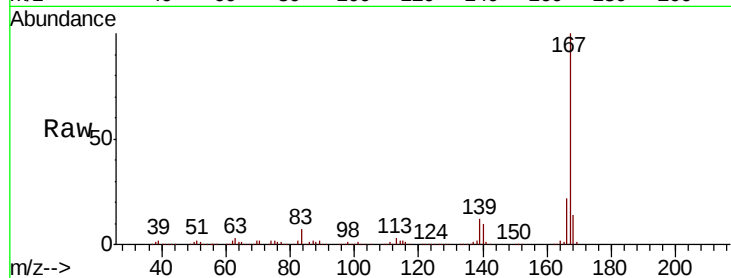




#73
 Carbazole
 Concen: 25.429 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

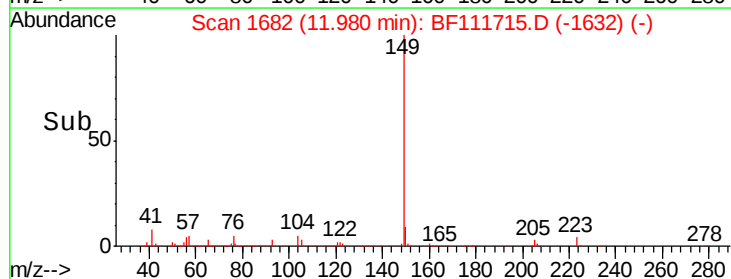
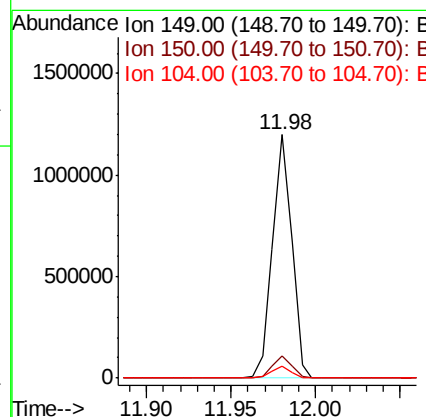
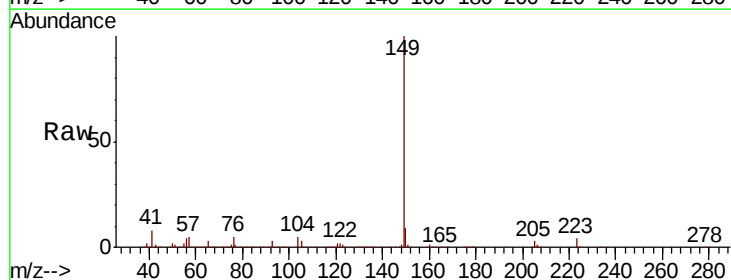
Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)MS

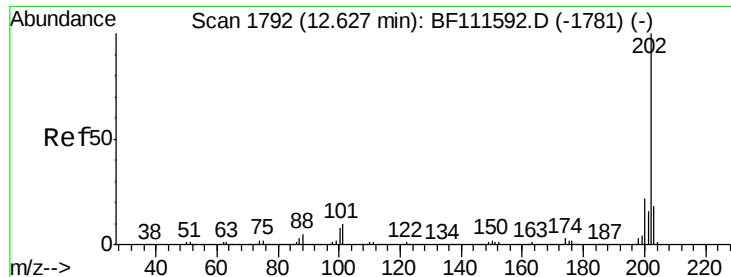
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.1	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 28.447 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.8	13.2
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 27.909 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

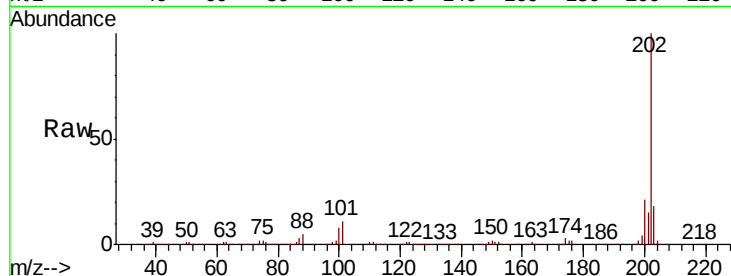
Tot Ion:202 Resp: 861640

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.8

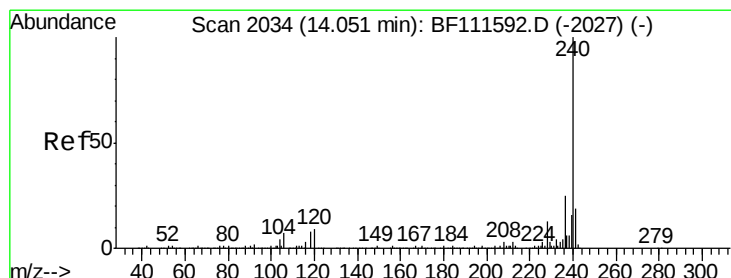
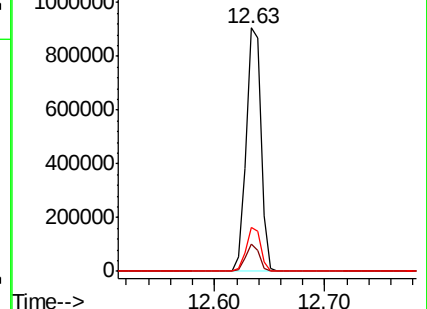
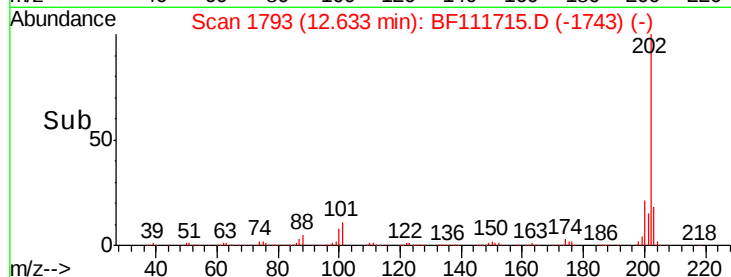
203 18.1 0.0 38.6



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

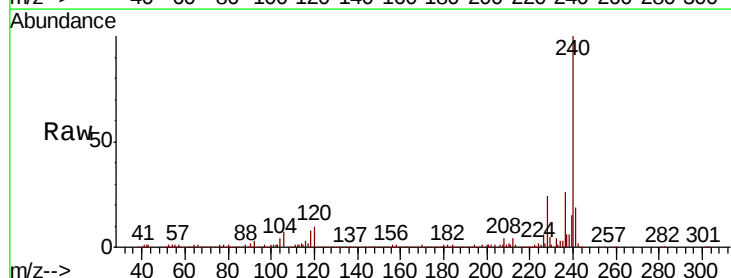
Tgt Ion:240 Resp: 450020

Ion Ratio Lower Upper

240 100

120 9.6 12.2 18.2#

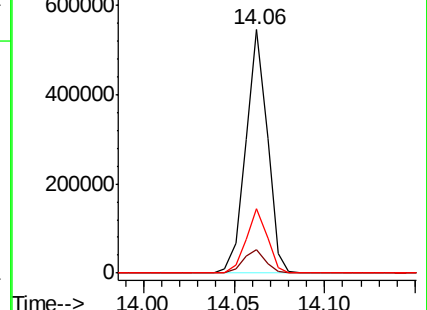
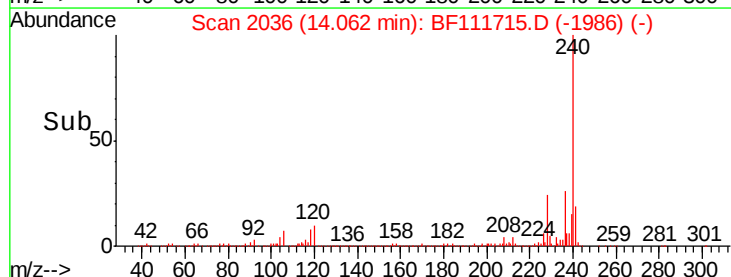
236 26.3 20.2 30.2

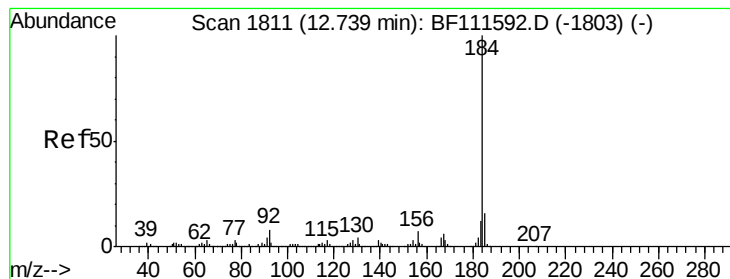


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.958 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

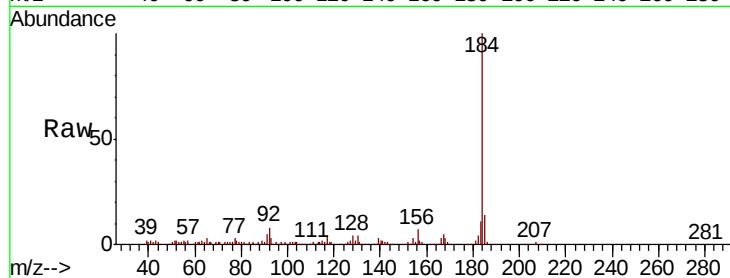
Tot Ion:184 Resp: 134765

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

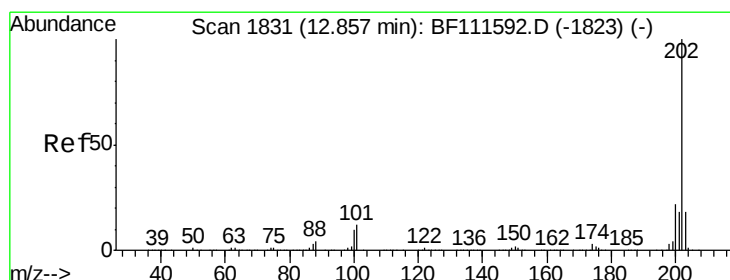
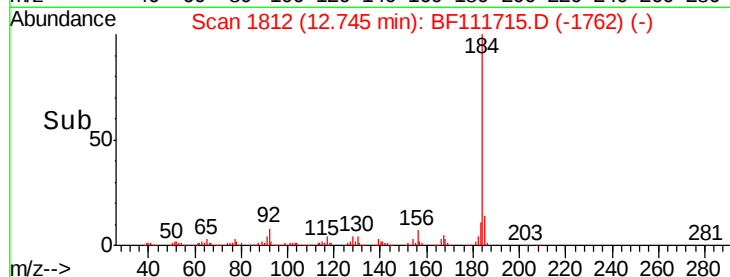
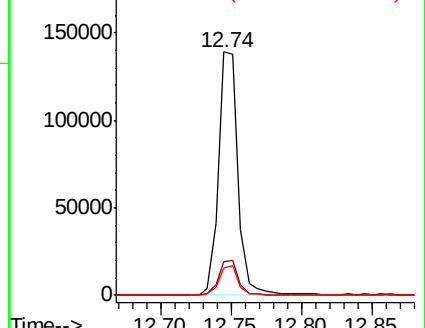
183 11.1 9.3 13.9



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: 26.728 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

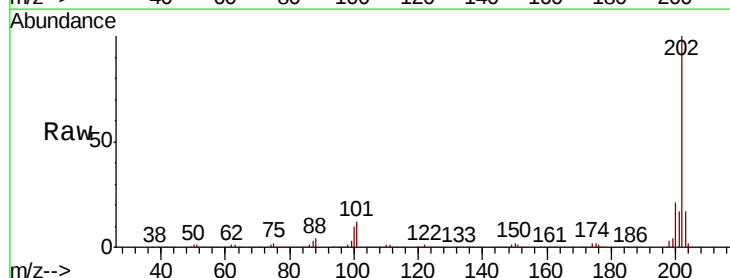
Tgt Ion:202 Resp: 849408

Ion Ratio Lower Upper

202 100

200 20.6 19.0 28.4

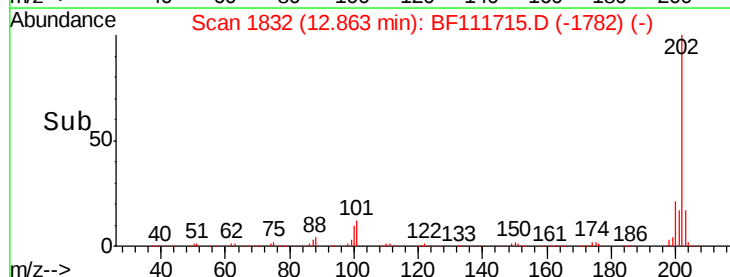
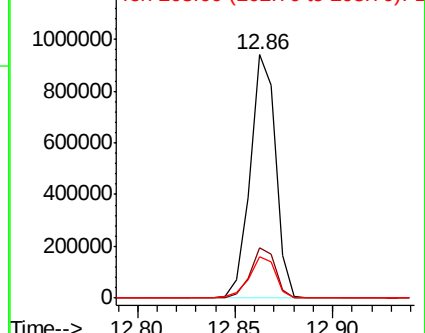
203 17.1 15.2 22.8

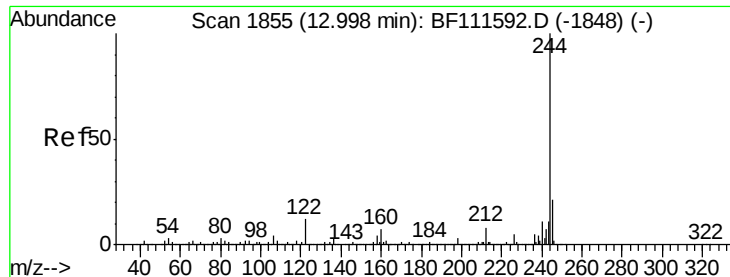


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.548 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

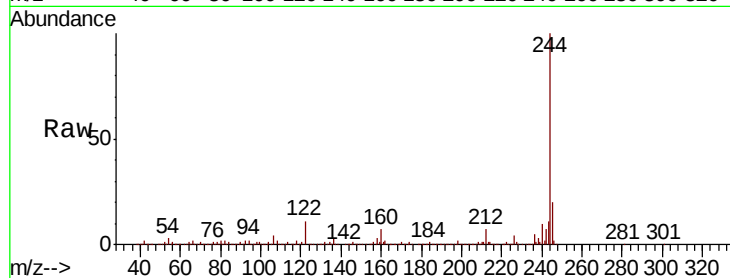
Tot Ion:244 Resp: 1152052

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

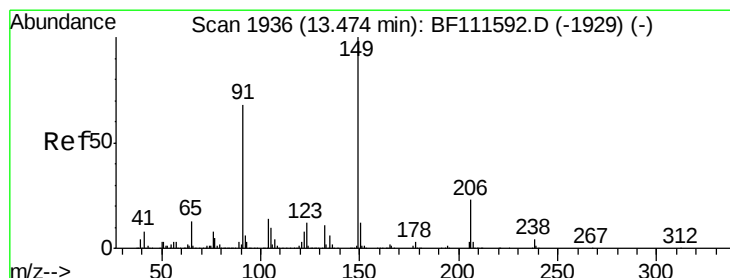
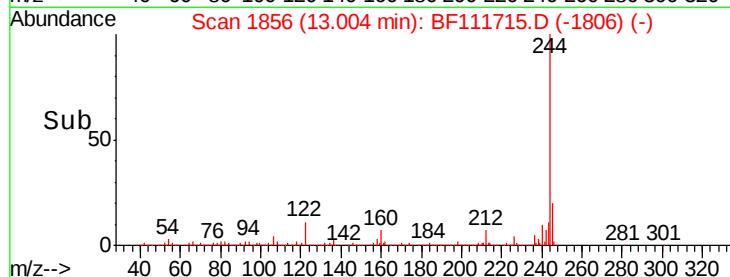
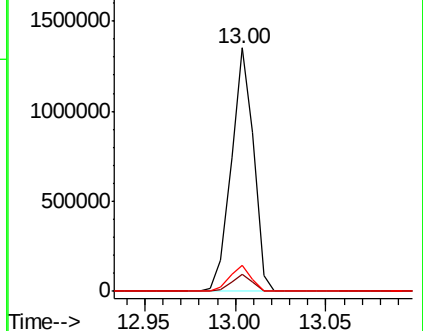
122 10.7 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.842 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

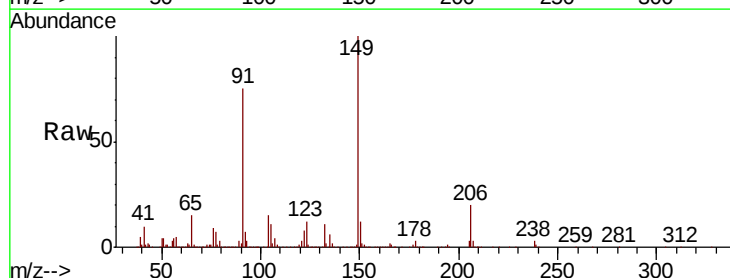
Tgt Ion:149 Resp: 373619

Ion Ratio Lower Upper

149 100

91 74.9 63.8 95.6

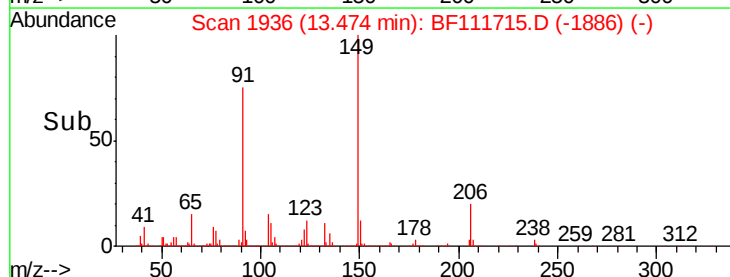
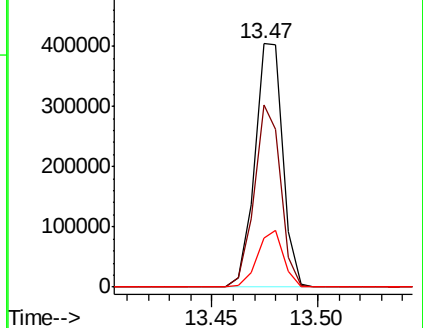
206 20.3 15.1 22.7

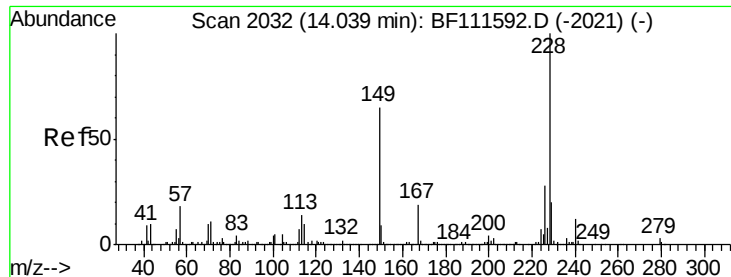


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

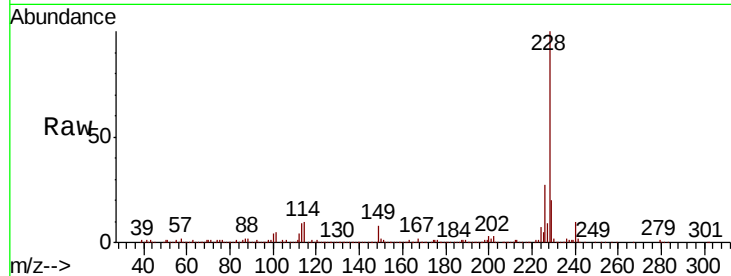




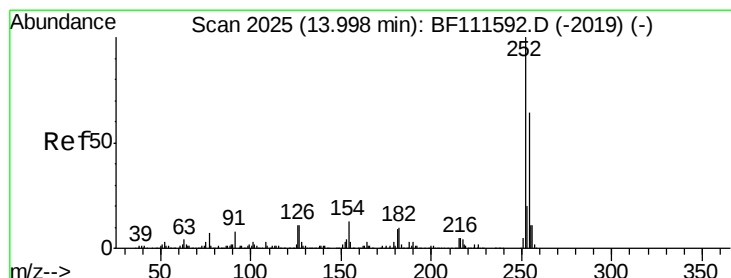
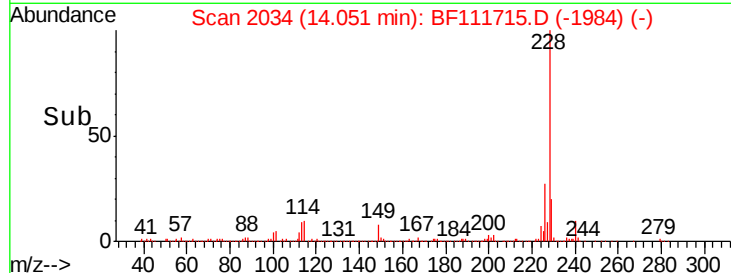
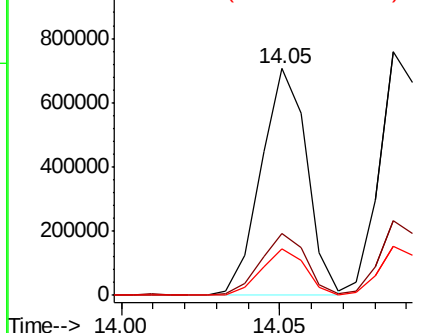
#81
Benzo(a)anthracene
Concen: 27.551 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:228 Resp: 707572
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 20.3 16.3 24.5

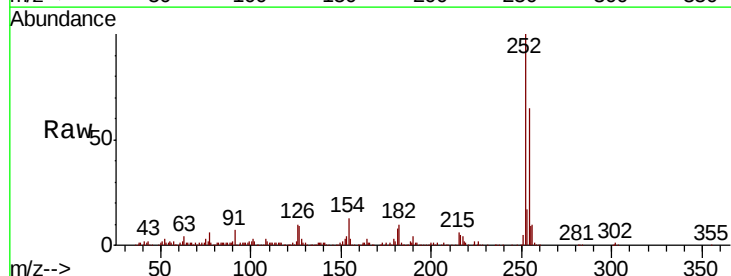


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

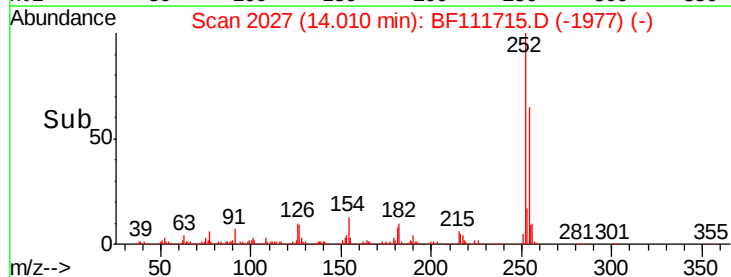
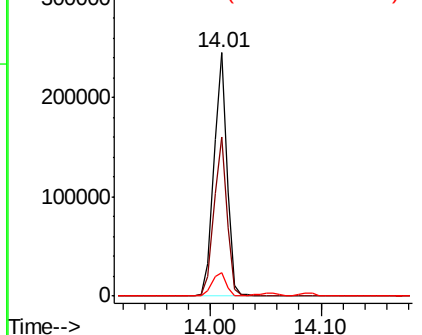


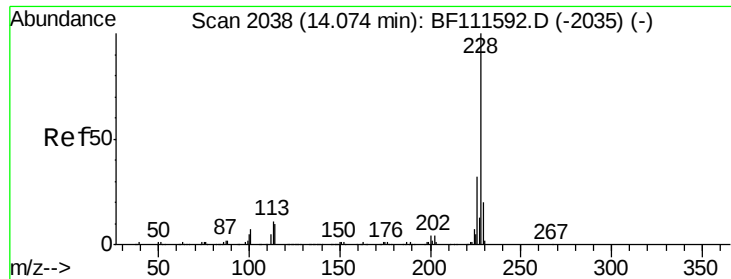
#82
3,3'-Dichlorobenzidine
Concen: 19.626 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 199149
Ion Ratio Lower Upper
252 100
254 65.1 52.7 79.1
126 9.6 11.1 16.7#



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: 26.509 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

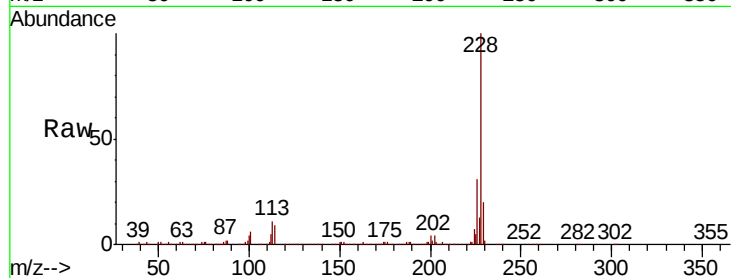
Tot Ion:228 Resp: 669140

Ion Ratio Lower Upper

228 100

226 30.8 25.3 37.9

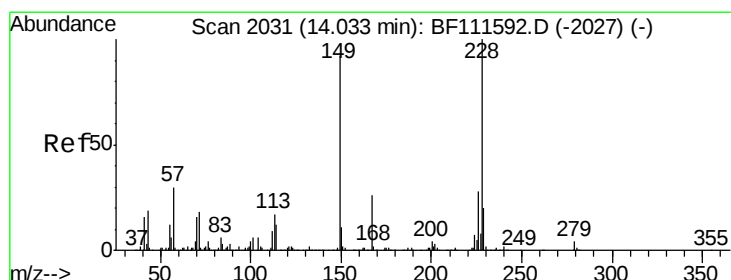
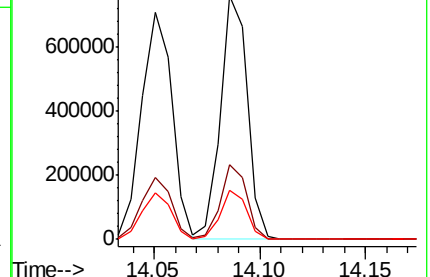
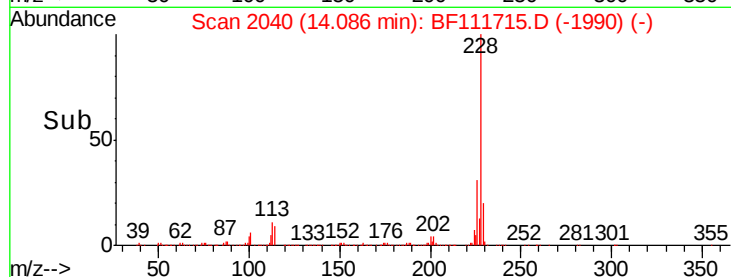
229 20.1 17.2 25.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.405 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

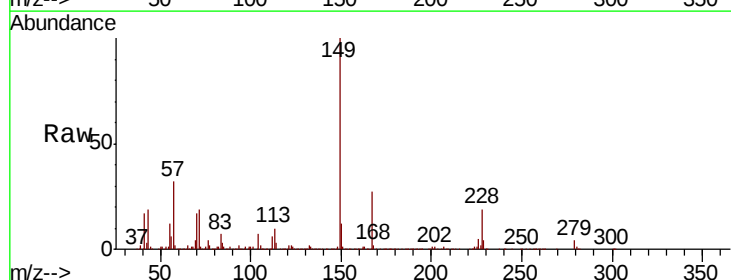
Tgt Ion:149 Resp: 528762

Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

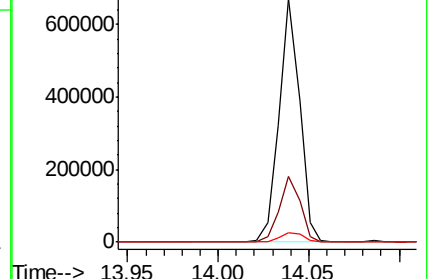
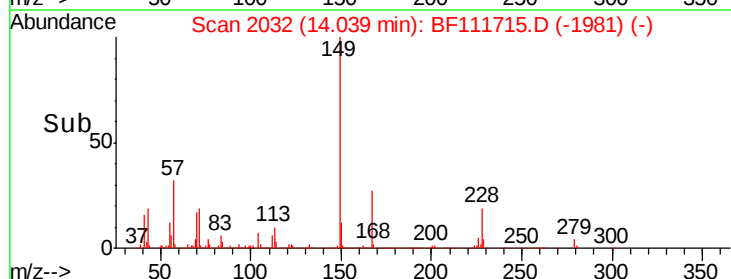
279 3.8 2.6 4.0

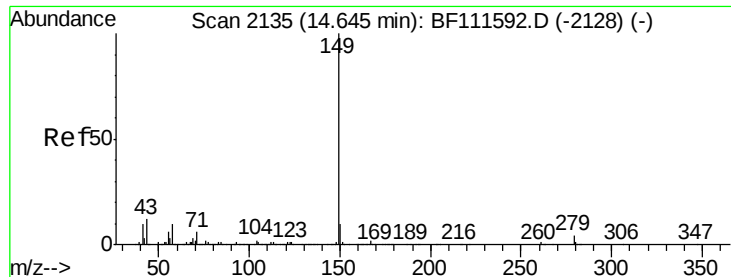


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

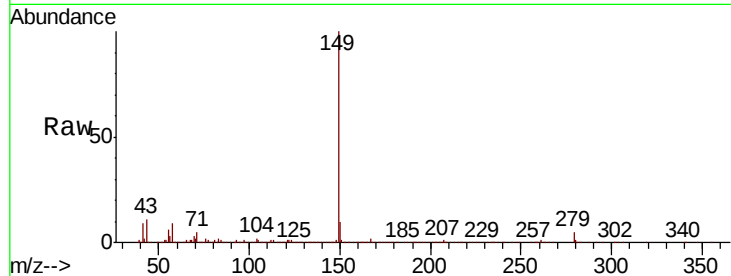




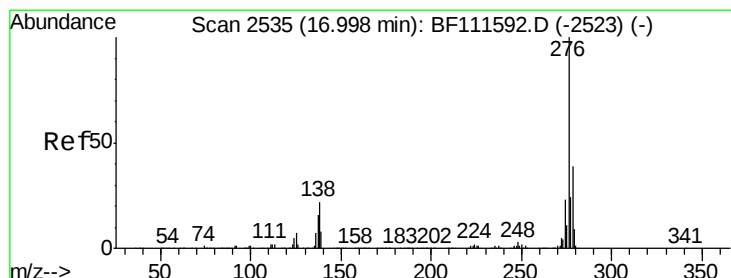
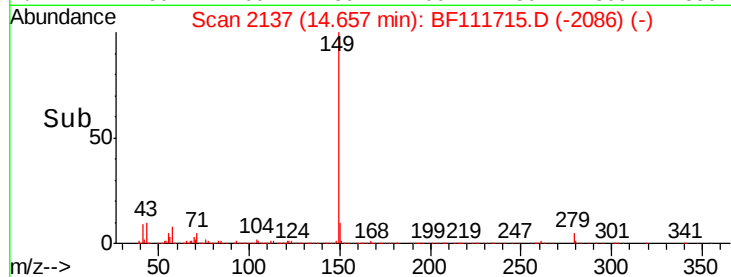
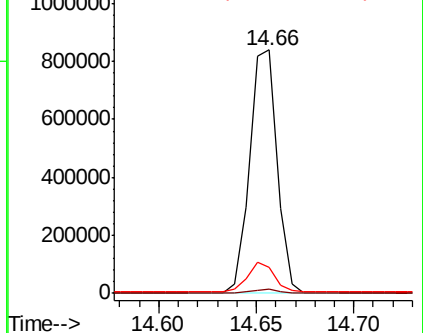
#85
Di-n-octyl phthalate
Concen: 32.268 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampled :
S-1(5)MS

Tot Ion:149 Resp: 815776
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 10.9 16.3

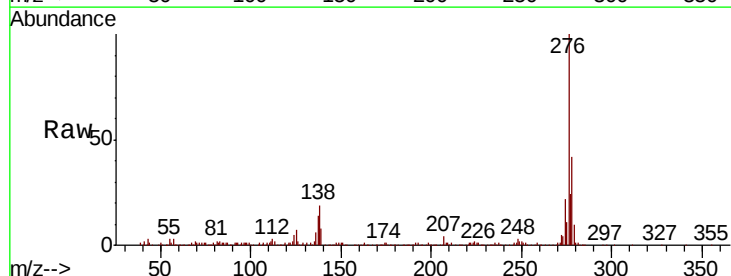


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

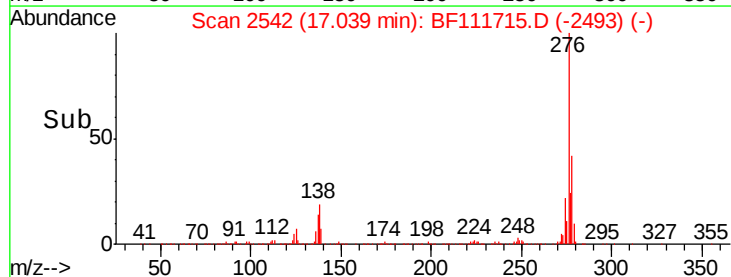
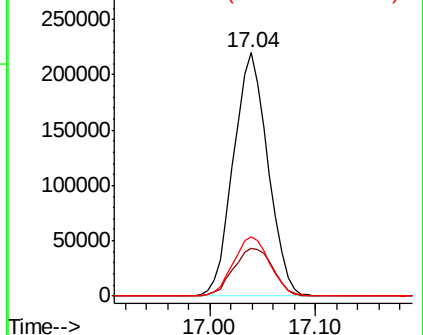


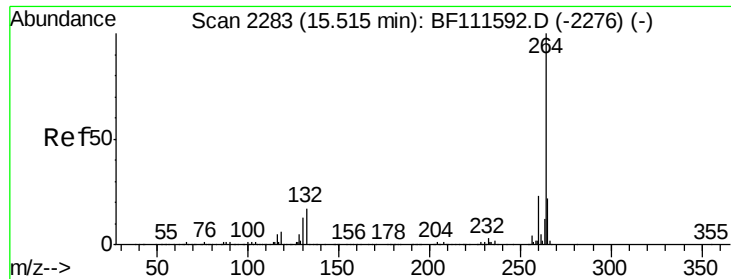
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.245 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:276 Resp: 498794
Ion Ratio Lower Upper
276 100
138 22.3 27.8 41.6#
277 25.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

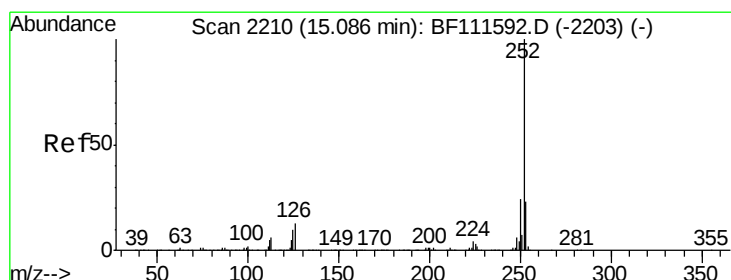
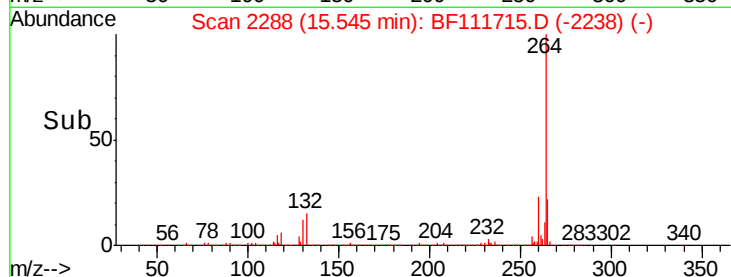
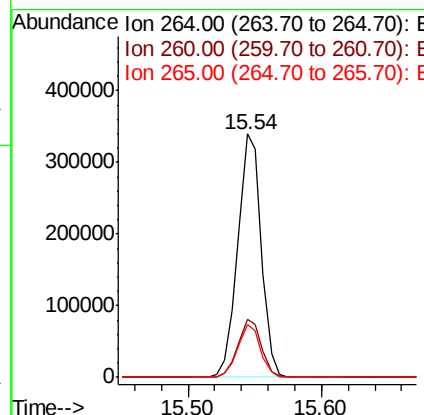
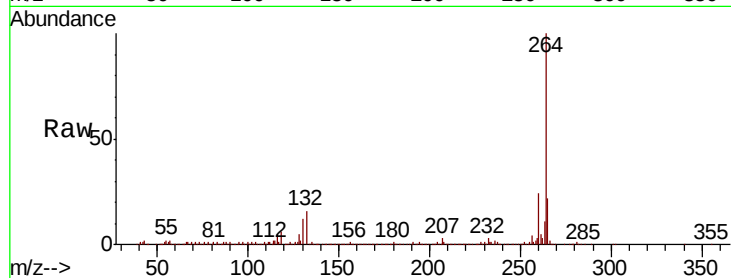




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

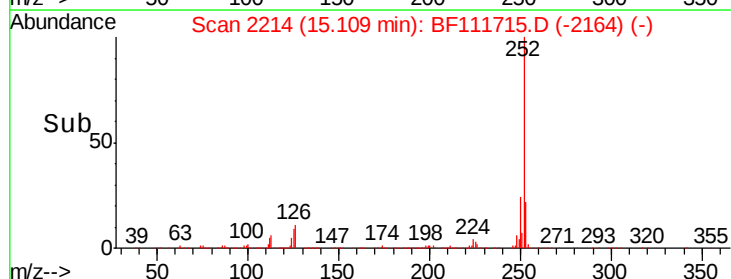
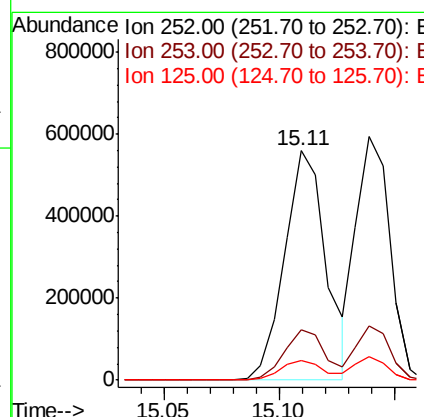
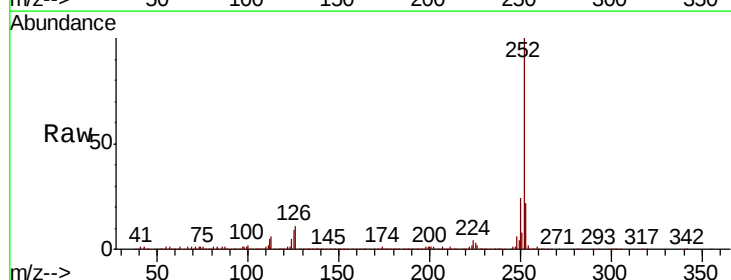
Instrument :
 BNA_F
 ClientSampled :
 S-1(5)MS

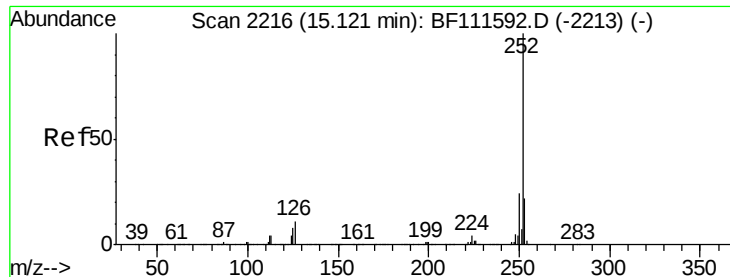
Tot Ion:264 Resp: 417869
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.7 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 28.528 ng
 RT: 15.11 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BF111715.D
 Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 696709
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.2 27.2
 125 8.8 10.4 15.6#

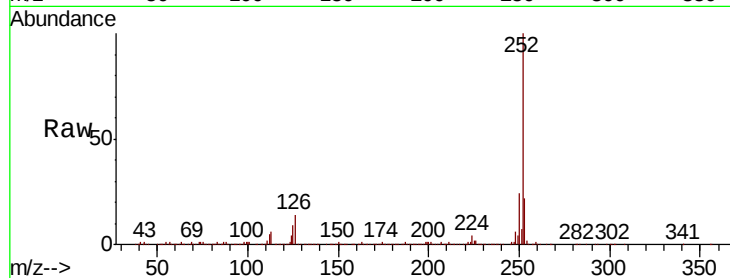




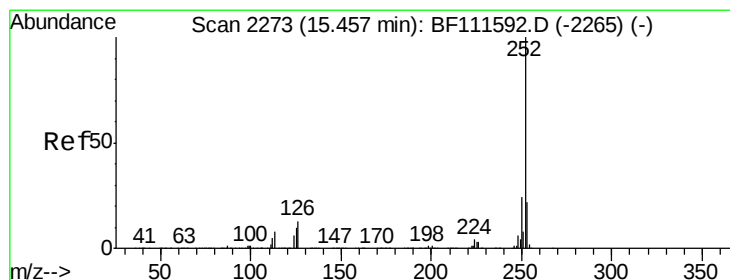
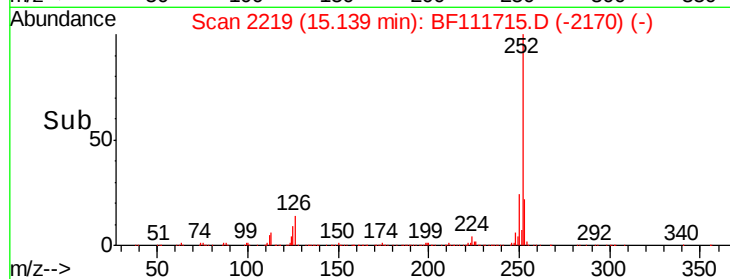
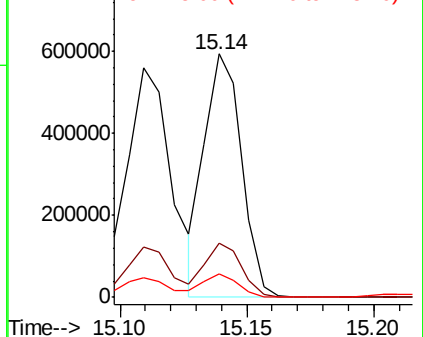
#89
Benzo(k)fluoranthene
Concen: 25.873 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
S-1(5)MS

Tot Ion:252 Resp: 601564
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.5 9.8 14.8#

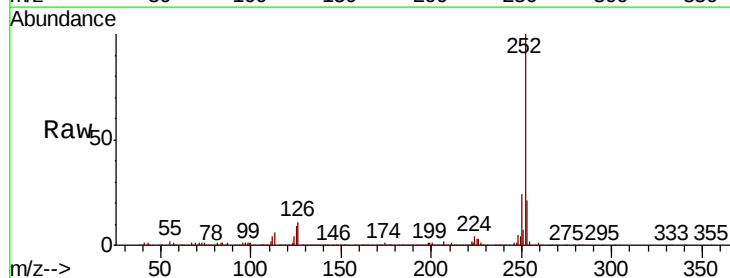


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

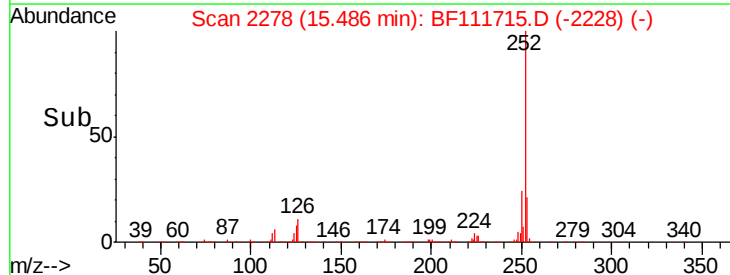
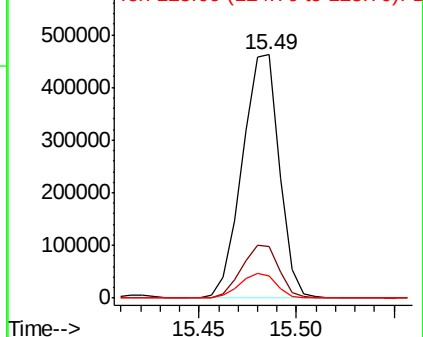


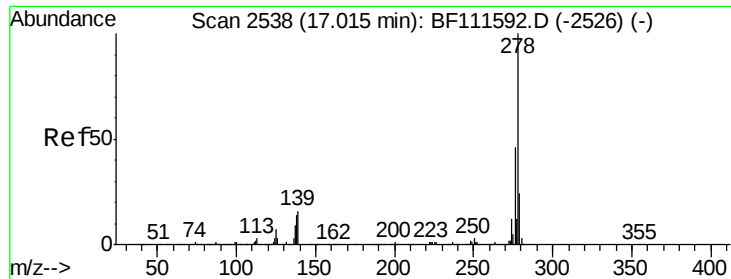
#90
Benzo(a)pyrene
Concen: 27.378 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 607438
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.0 12.3 18.5#



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





#91

Dibenzo(a,h)anthracene

Concen: 21.981 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

S-1(5)MS

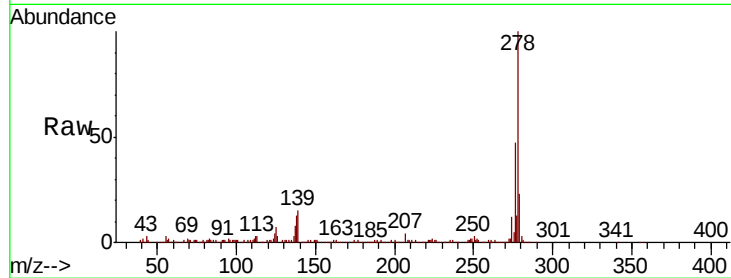
Tot Ion:278 Resp: 427061

Ion Ratio Lower Upper

278 100

139 15.2 18.2 27.4#

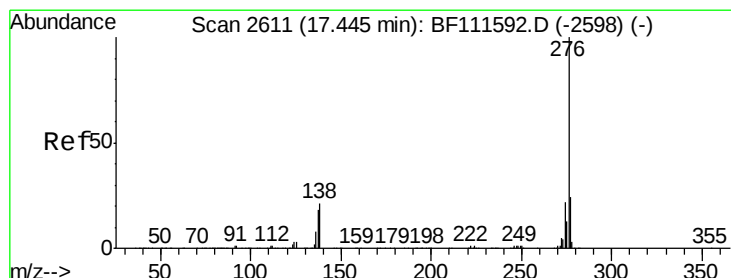
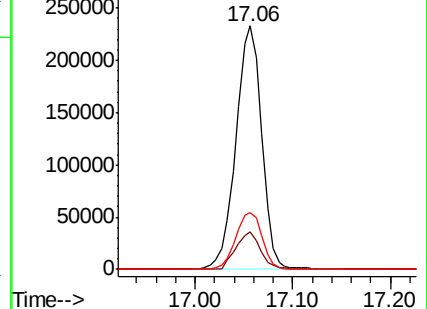
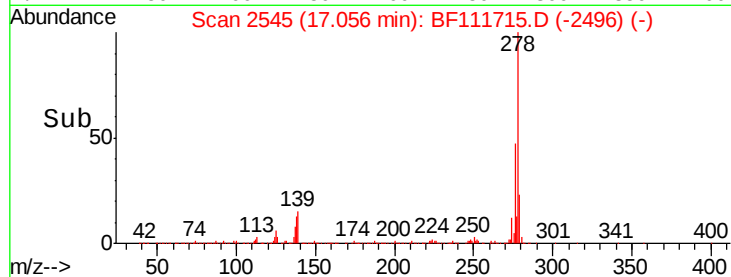
279 23.3 19.0 28.6



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: 20.116 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF111715.D

Acq: 26 Dec 2018 14:50

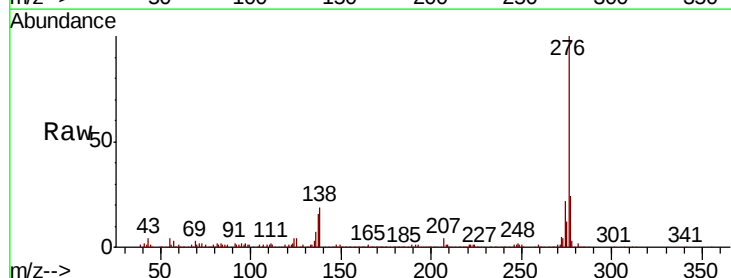
Tgt Ion:276 Resp: 381639

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 19.2 24.9 37.3#



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

