

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115502.D
 Acq On : 11 Jul 2019 18:51
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:13:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191213	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	789563	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382301	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	725670	20.00	ng	0.00
76) Chrysene-d12	14.06	240	465711	20.00	ng	0.00
87) Perylene-d12	15.53	264	468325	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	901164	72.82	ng	0.00
7) Phenol-d6	6.53	99	1153956	73.31	ng	0.00
23) Nitrobenzene-d5	7.46	82	1067336	79.87	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344120	81.41	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1797638	82.51	ng	0.00
79) Terphenyl-d14	13.00	244	1897930	83.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	218087	35.926	ng	99
3) Pyridine	3.45	79	602728	35.907	ng	100
4) n-Nitrosodimethylamine	3.40	42	218868	32.154	ng	97
6) Aniline	6.56	93	811312	36.527	ng	99
8) 2-Chlorophenol	6.68	128	530318	37.949	ng	99
9) Benzaldehyde	6.45	77	345097	37.667	ng	98
10) Phenol	6.54	94	680503	36.135	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	507249	36.308	ng	100
12) 1,3-Dichlorobenzene	6.84	146	587227	38.355	ng	98
13) 1,4-Dichlorobenzene	6.92	146	585631	38.187	ng	99
14) 1,2-Dichlorobenzene	7.07	146	545953	38.452	ng	98
15) Benzyl Alcohol	7.03	79	474029	37.531	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	687435	35.191	ng	99
17) 2-Methylphenol	7.15	107	451734	37.733	ng	100
18) Hexachloroethane	7.42	117	217991	38.157	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	372742	35.004	ng	99
20) 3+4-Methylphenols	7.30	107	528470	37.370	ng	99
22) Acetophenone	7.30	105	689376	36.437	ng	99
24) Nitrobenzene	7.48	77	586487	38.860	ng	99
25) Isophorone	7.72	82	1033727	35.688	ng	98
26) 2-Nitrophenol	7.79	139	296178	47.734	ng	98
27) 2,4-Dimethylphenol	7.83	122	407809	34.468	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	645281	36.127	ng	99
29) 2,4-Dichlorophenol	8.03	162	459241	38.971	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	512294	39.050	ng	99
31) Naphthalene	8.20	128	1488593	37.957	ng	100
32) Benzoic acid	7.95	122	269083	33.331	ng	98
33) 4-Chloroaniline	8.25	127	669104	38.239	ng	100
34) Hexachlorobutadiene	8.32	225	299740	40.288	ng	100
35) Caprolactam	8.63	113	143330	37.344	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	470552	37.751	ng	97
37) 2-Methylnaphthalene	8.89	142	993138	37.887	ng	98
38) 1-Methylnaphthalene	8.99	142	936267	37.434	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	452814	41.171	ng	99

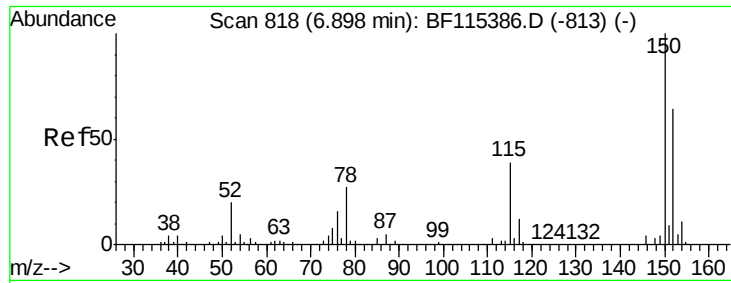
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115502.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	234996	36.865	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	326103	40.727	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	343298	41.348	ng	95
46) 1,1'-Biphenyl	9.36	154	1179035	39.230	ng	99
47) 2-Chloronaphthalene	9.38	162	986375	39.710	ng	97
48) 2-Nitroaniline	9.47	65	307632	42.154	ng	91
49) Acenaphthylene	9.80	152	1442233	38.349	ng	100
50) Dimethylphthalate	9.66	163	1107964	38.613	ng	100
51) 2,6-Dinitrotoluene	9.72	165	258684	41.568	ng	93
52) Acenaphthene	9.97	154	935891	39.541	ng	98
53) 3-Nitroaniline	9.89	138	300902	41.631	ng	94
54) 2,4-Dinitrophenol	9.99	184	127469	51.407	ng	94
55) Dibenzofuran	10.14	168	1303657	39.100	ng	99
56) 4-Nitrophenol	10.03	139	228793	40.914	ng	99
57) 2,4-Dinitrotoluene	10.12	165	346212	43.775	ng	97
58) Fluorene	10.49	166	948429	36.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	284560	39.674	ng	100
60) Diethylphthalate	10.36	149	1066275	37.753	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	495077	38.593	ng	99
62) 4-Nitroaniline	10.50	138	287046	40.459	ng	99
63) Azobenzene	10.63	77	1039865	35.717	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	170436	48.881	ng	92
66) n-Nitrosodiphenylamine	10.59	169	879844	38.481	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	325172	39.935	ng	94
68) Hexachlorobenzene	11.04	284	364941	39.941	ng	97
69) Atrazine	11.12	200	282971	39.990	ng	100
70) Pentachlorophenol	11.22	266	230529	41.400	ng	98
71) Phenanthrene	11.44	178	1473203	38.601	ng	99
72) Anthracene	11.50	178	1480296	38.680	ng	100
73) Carbazole	11.64	167	1340830	38.297	ng	100
74) Di-n-butylphthalate	11.98	149	1575318	37.230	ng	99
75) Fluoranthene	12.63	202	1495384	37.213	ng	98
77) Benzidine	12.74	184	645062	35.519	ng	98
78) Pyrene	12.86	202	1515818	41.855	ng	100
80) Butylbenzylphthalate	13.47	149	633652	40.045	ng	98
81) Benzo(a)anthracene	14.05	228	1208979	40.516	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	443750	40.984	ng	# 96
83) Chrysene	14.09	228	1204582	39.289	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	767631	39.173	ng	99
85) Di-n-octyl phthalate	14.65	149	1291303	37.016	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1207874	48.569	ng	99
88) Benzo(b)fluoranthene	15.10	252	1115774	36.592	ng	100
89) Benzo(k)fluoranthene	15.13	252	1070042	39.459	ng	100
90) Benzo(a)pyrene	15.47	252	1025545	38.995	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1002489	44.607	ng	98
92) Benzo(g,h,i)perylene	17.47	276	999380	46.982	ng	99

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

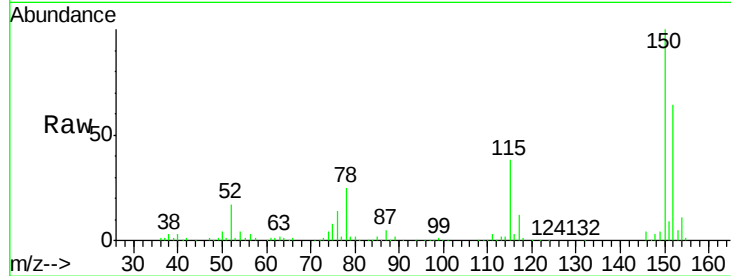


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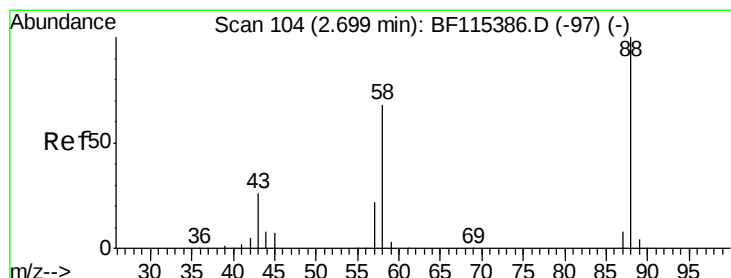
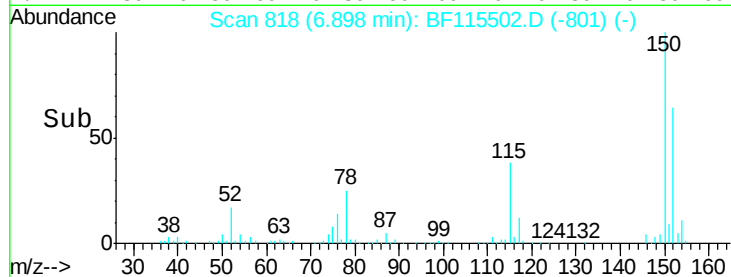
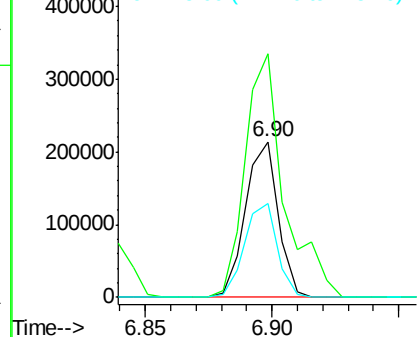
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191213
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.2
115 59.9 46.2 69.4



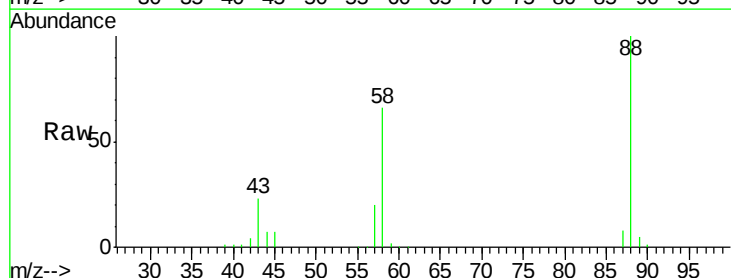
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



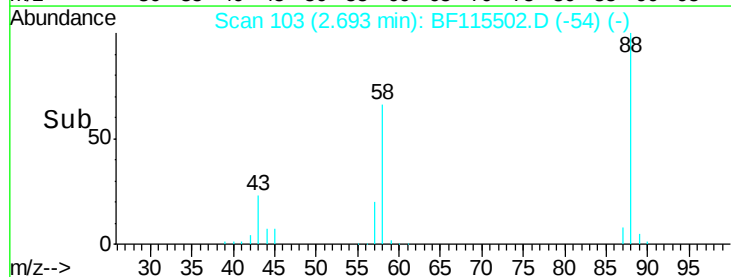
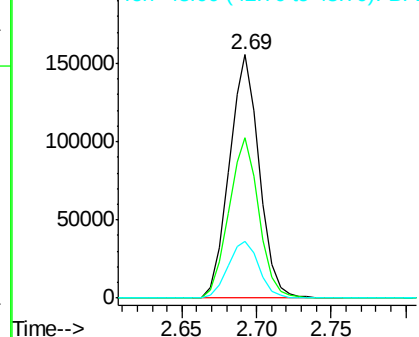
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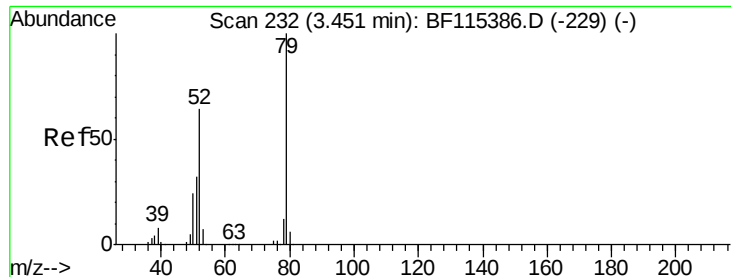
1,4-Dioxane
Concen: 35.926 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion: 88 Resp: 218087
Ion Ratio Lower Upper
88 100
58 65.9 52.5 78.7
43 24.2 19.0 28.6



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: 35.907 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

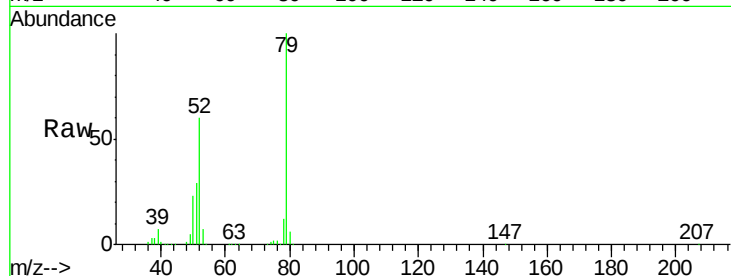
Tot Ion: 79 Resp: 602728

Ion Ratio Lower Upper

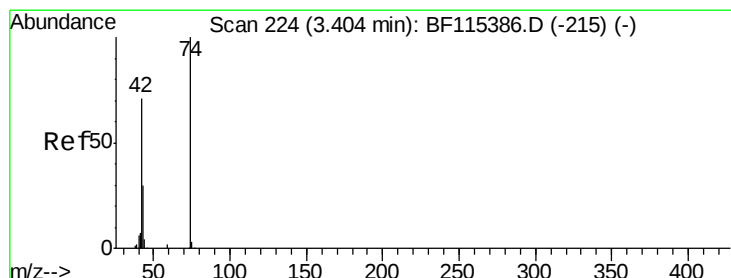
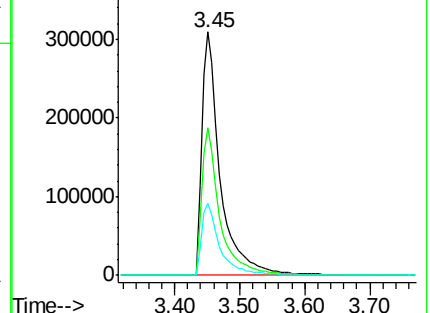
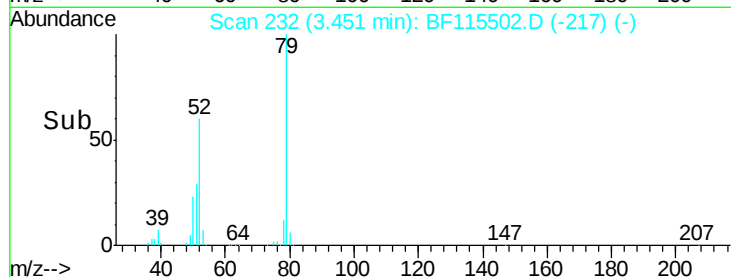
79 100

52 60.4 48.2 72.2

51 29.4 23.2 34.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.154 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

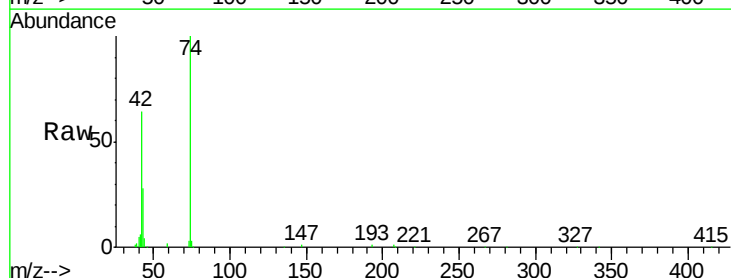
Tgt Ion: 42 Resp: 218868

Ion Ratio Lower Upper

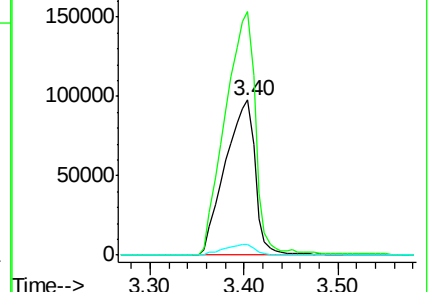
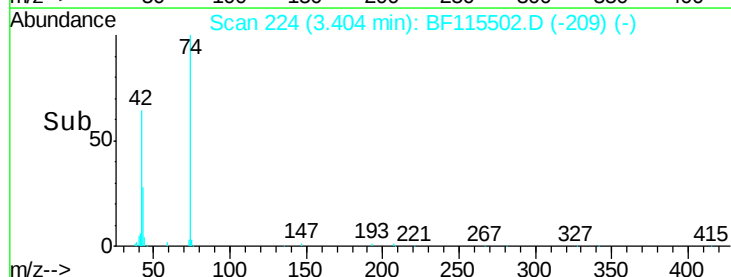
42 100

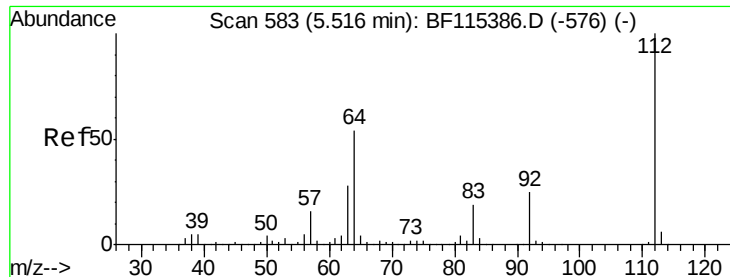
74 157.0 128.5 192.7

44 6.5 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.815 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

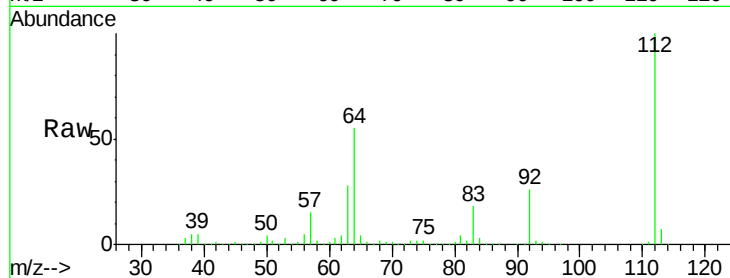
Tot Ion: 112 Resp: 901164

Ion Ratio Lower Upper

112 100

64 54.6 44.2 66.2

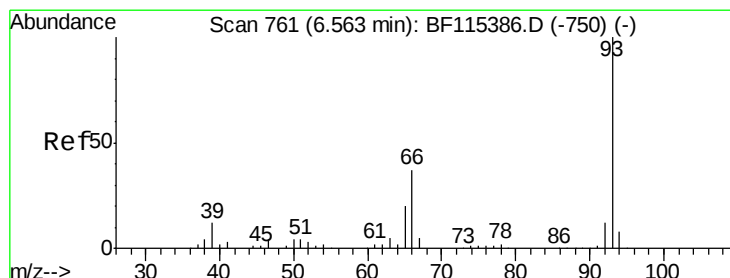
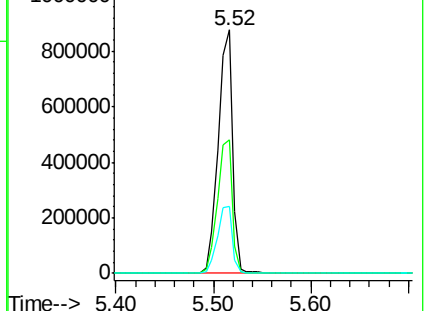
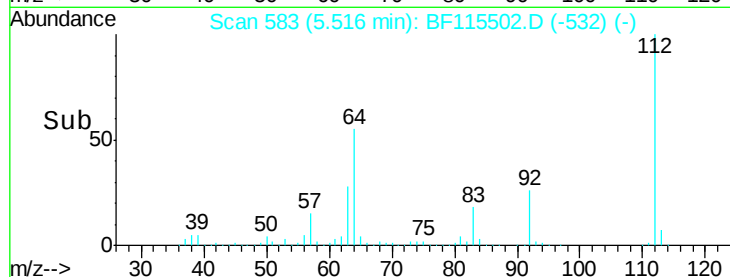
63 27.6 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.527 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

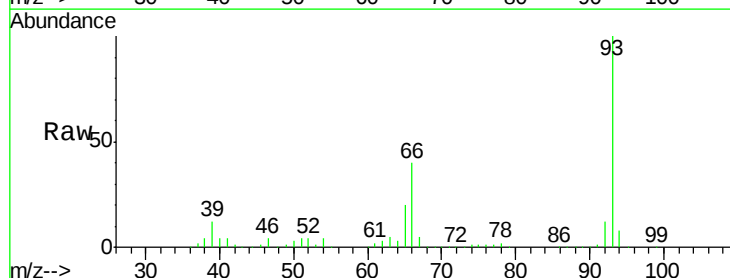
Tgt Ion: 93 Resp: 811312

Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

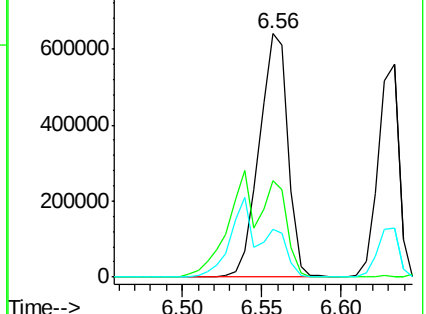
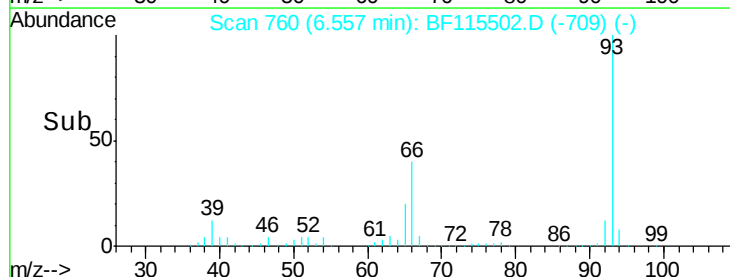
65 19.6 15.9 23.9

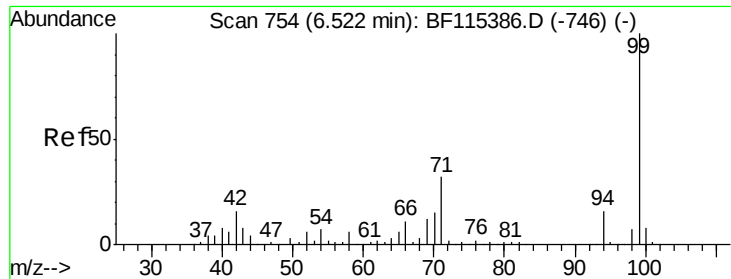


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.315 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

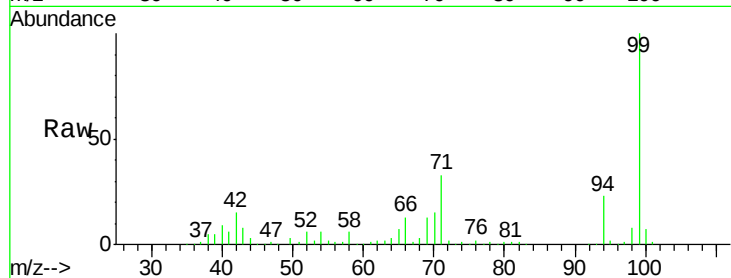
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1153956

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	32.9	26.5	39.7

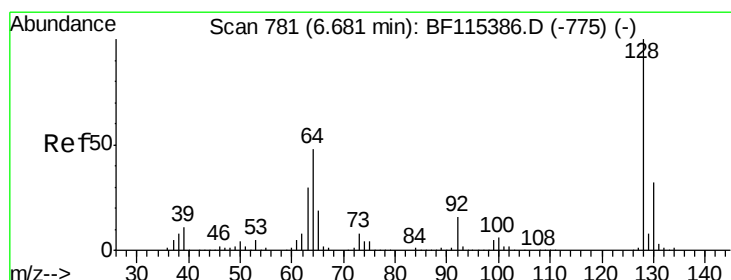
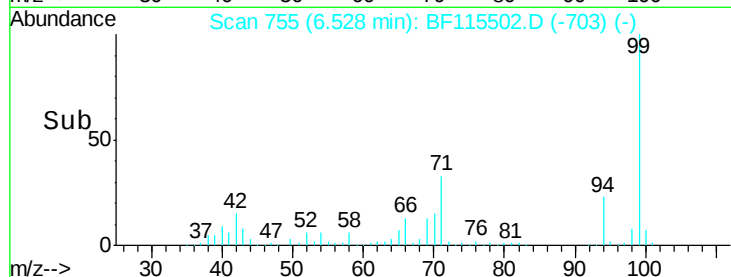
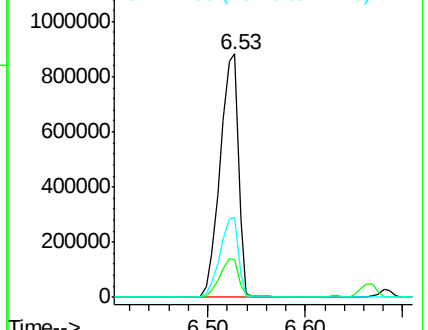


Abundance

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: 37.949 ng

RT: 6.68 min Scan# 781

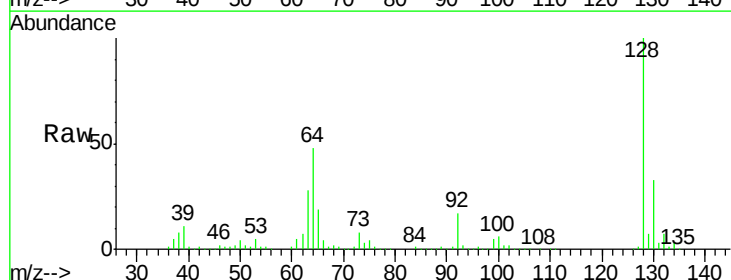
Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Tgt Ion: 128 Resp: 530318

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.8	51.8
64	47.5	27.0	67.0

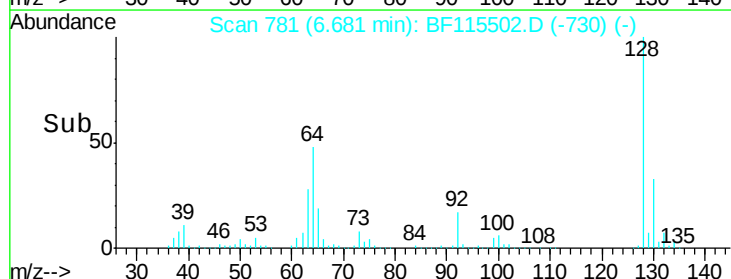
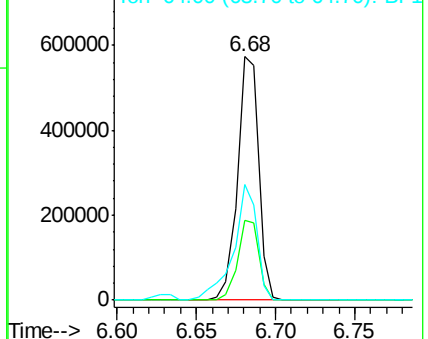


Abundance

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: 37.667 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

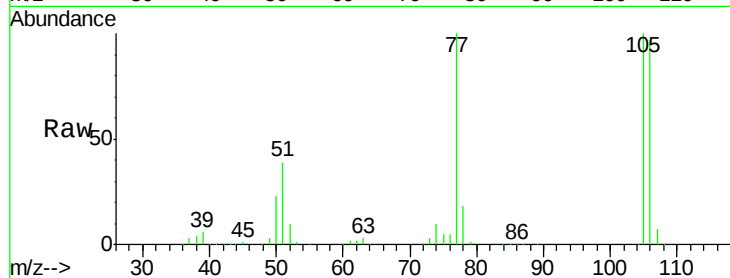
Tot Ion: 77 Resp: 345097

Ion Ratio Lower Upper

77 100

105 99.6 82.9 122.9

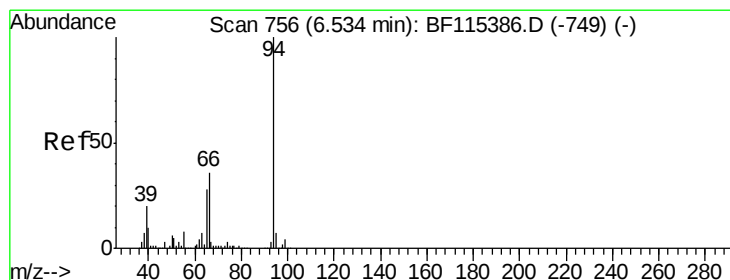
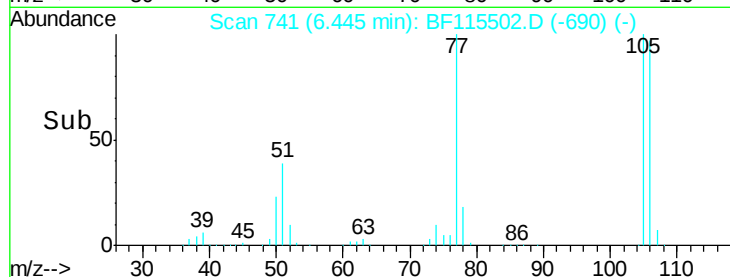
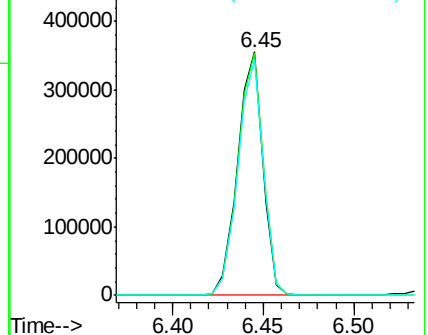
106 97.1 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.135 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

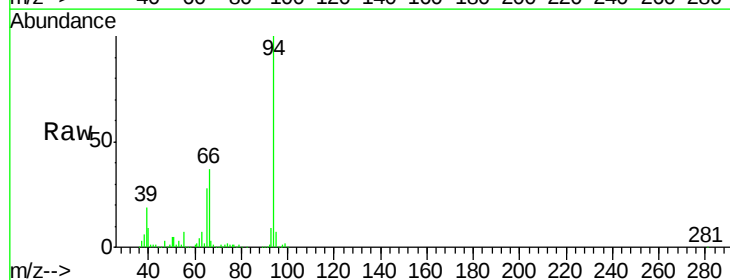
Tgt Ion: 94 Resp: 680503

Ion Ratio Lower Upper

94 100

65 27.7 7.2 47.2

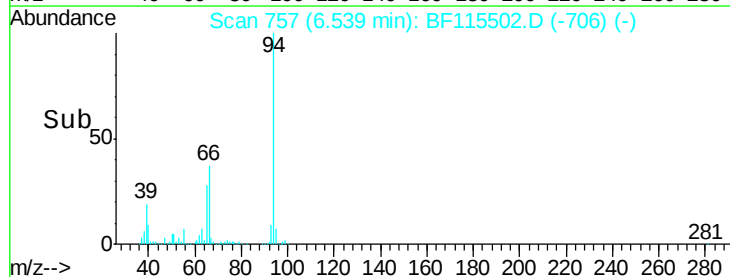
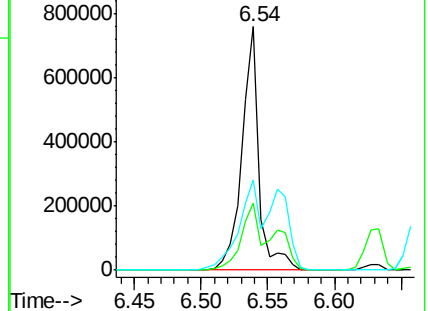
66 37.2 16.9 56.9

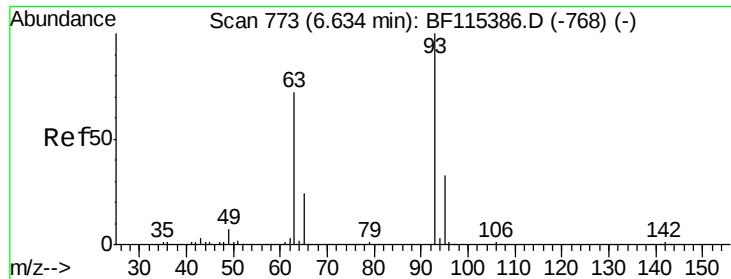


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

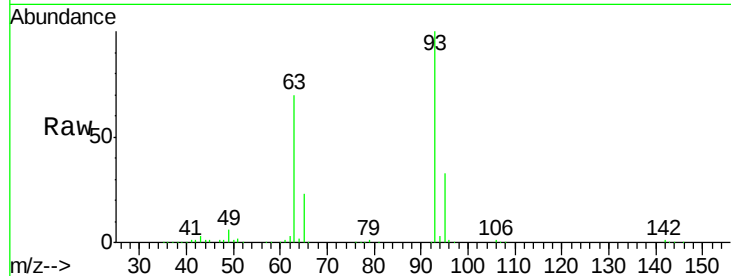




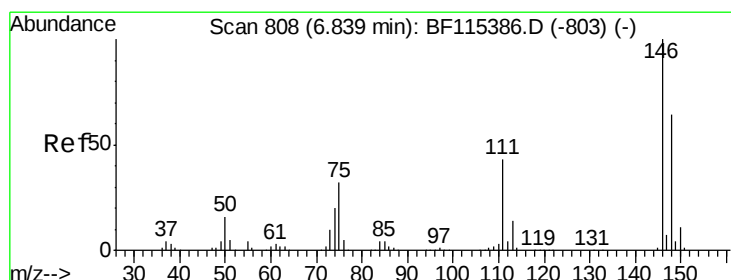
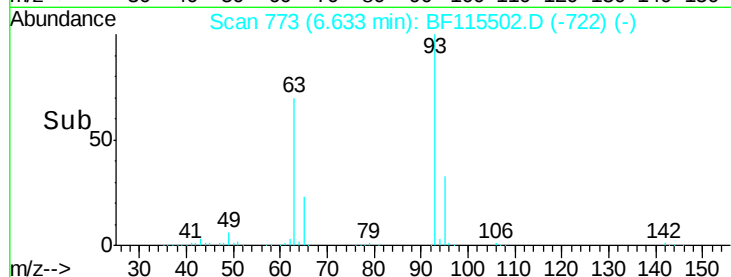
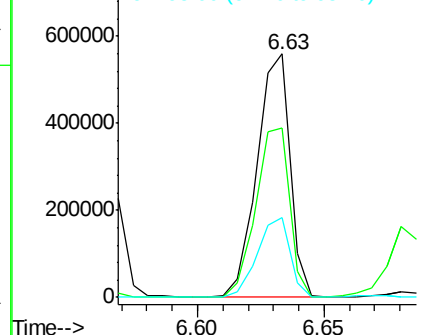
#11
bis(2-Chloroethyl)ether
Concen: 36.308 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	50.0	90.0
95	33.0	12.6	52.6

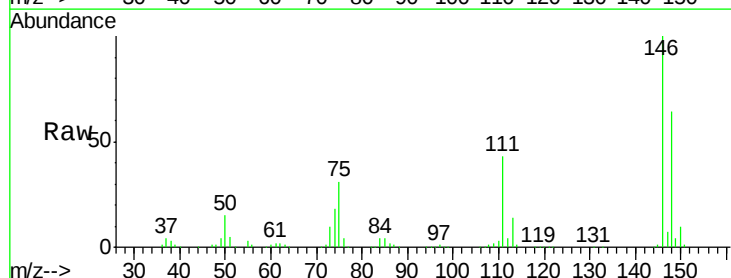


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

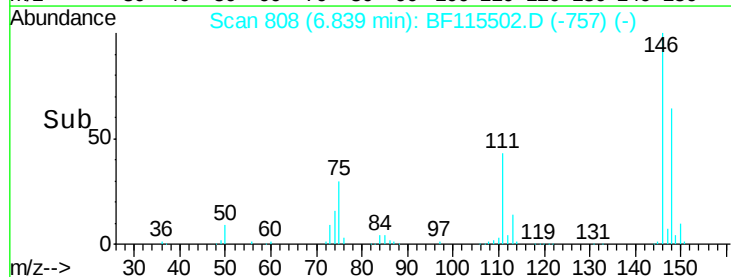
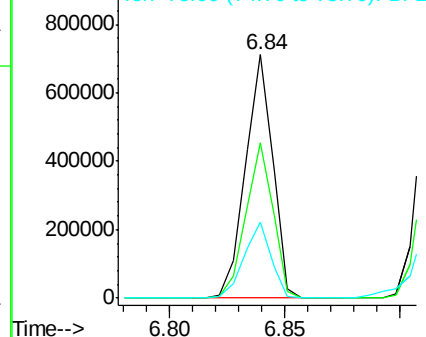


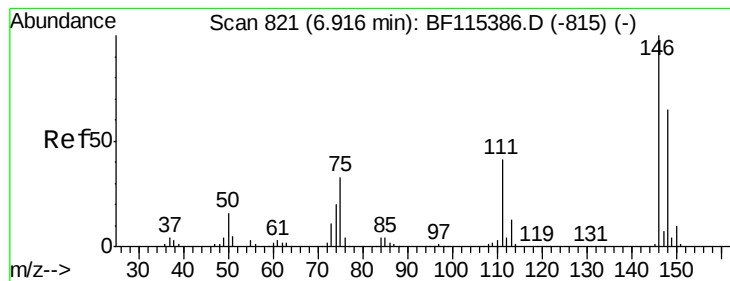
#12
1,3-Dichlorobenzene
Concen: 38.355 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
75	31.1	24.8	37.2



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





#13

1,4-Dichlorobenzene

Concen: 38.187 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

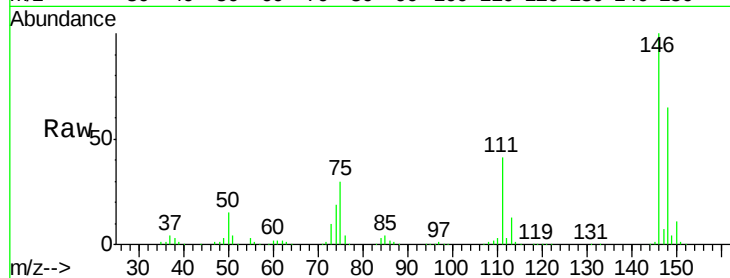
Tot Ion:146 Resp: 585631

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

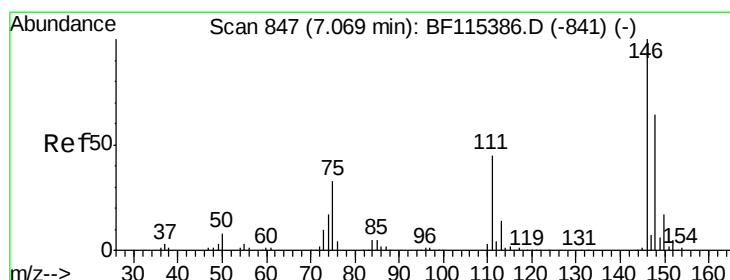
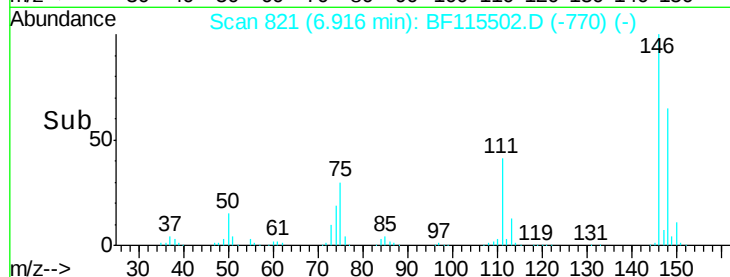
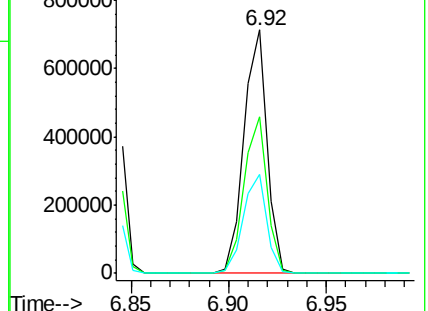
111 40.6 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.452 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

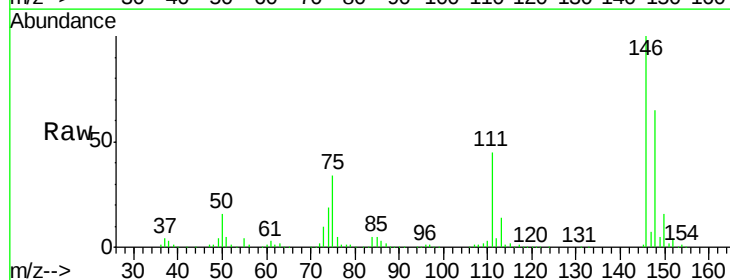
Tgt Ion:146 Resp: 545953

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

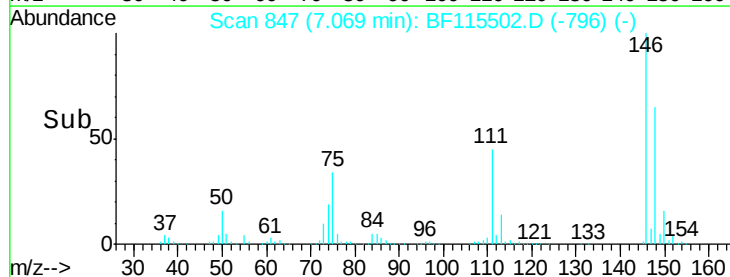
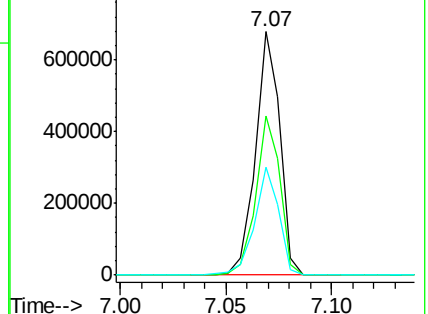
111 44.6 35.4 53.2

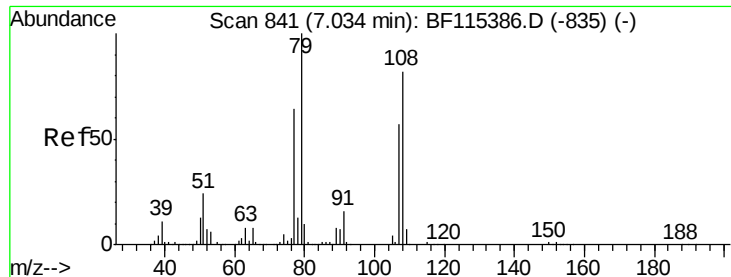


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.531 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

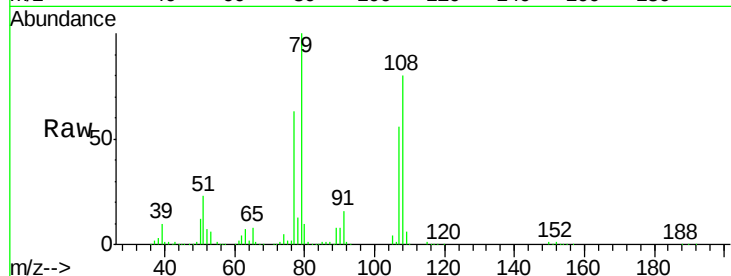
Tot Ion: 79 Resp: 474029

Ion Ratio Lower Upper

79 100

108 80.4 65.3 97.9

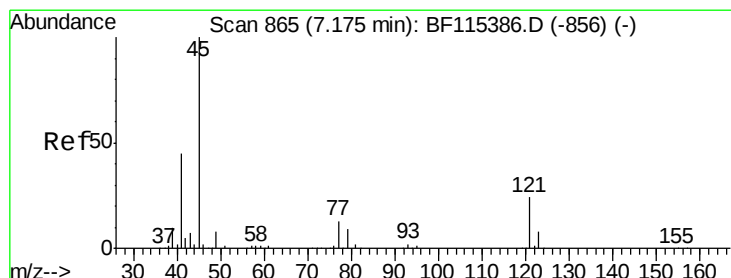
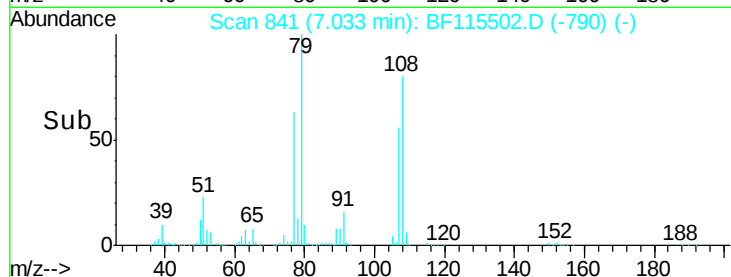
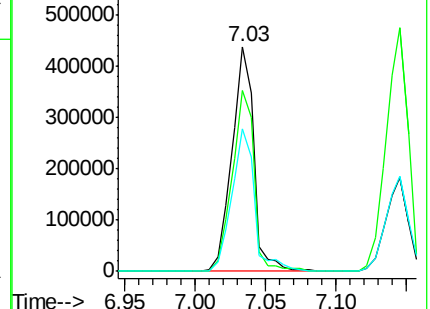
77 63.2 50.6 75.8



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: 35.191 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

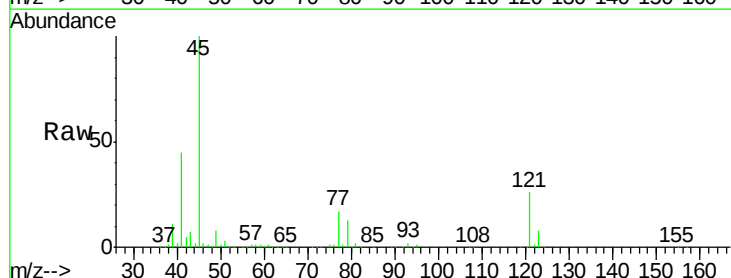
Tgt Ion: 45 Resp: 687435

Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.4

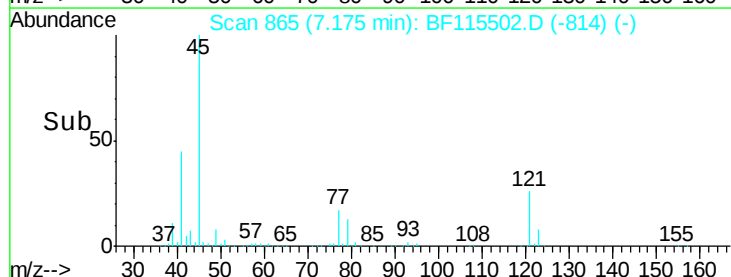
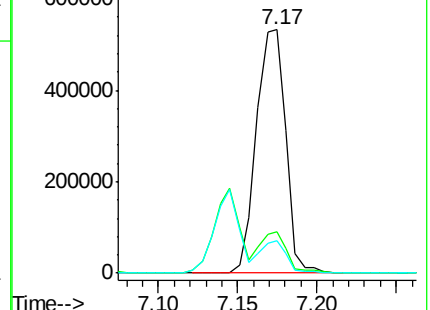
79 13.3 0.0 33.4

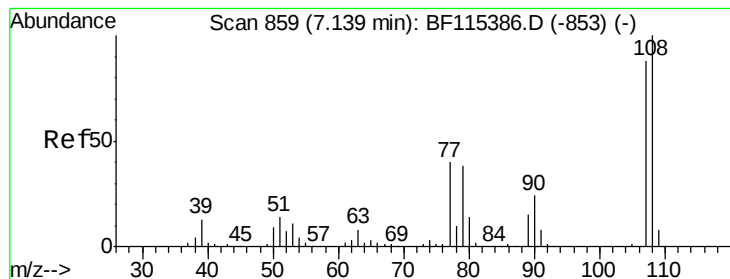


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

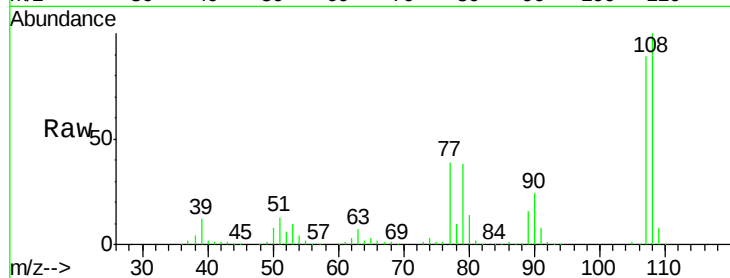




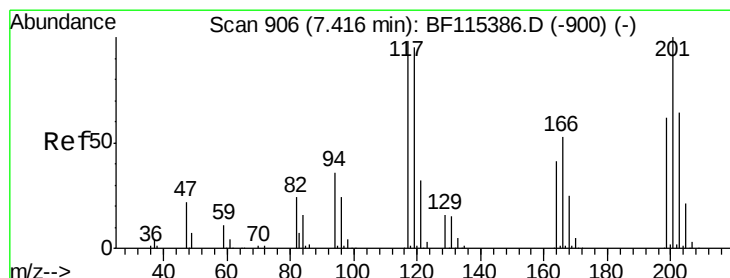
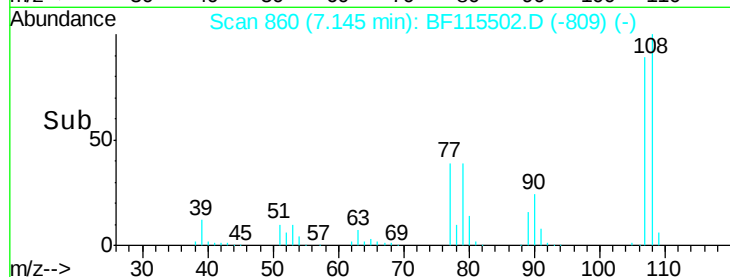
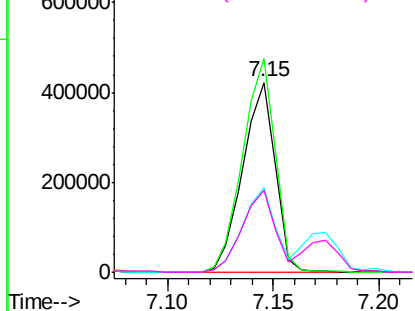
#17
2-Methylphenol
Concen: 37.733 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 451734
Ion Ratio Lower Upper
107 100
108 112.7 90.0 135.0
77 44.3 35.0 52.4
79 43.3 34.4 51.6

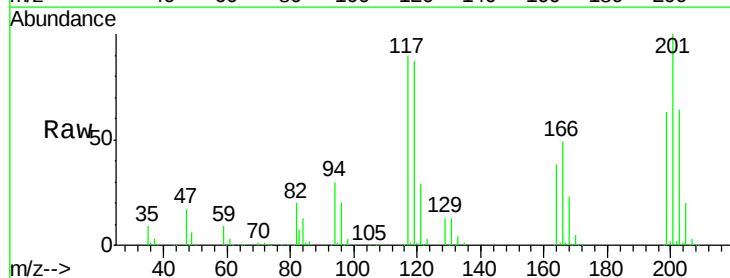


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

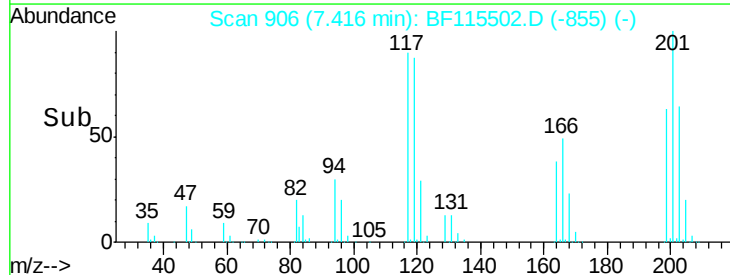
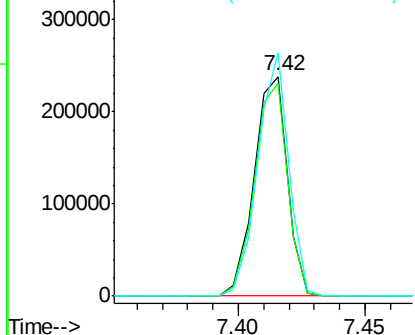


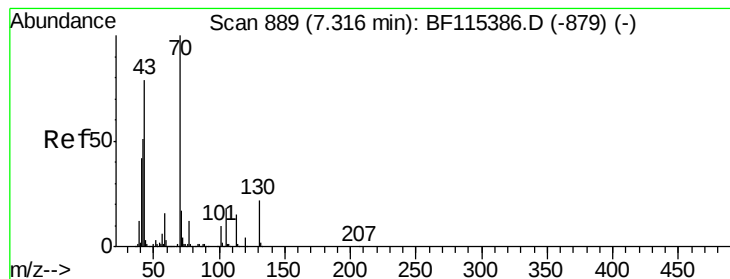
#18
Hexachloroethane
Concen: 38.157 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:117 Resp: 217991
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
201 111.0 85.8 128.6



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: 35.004 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 372742

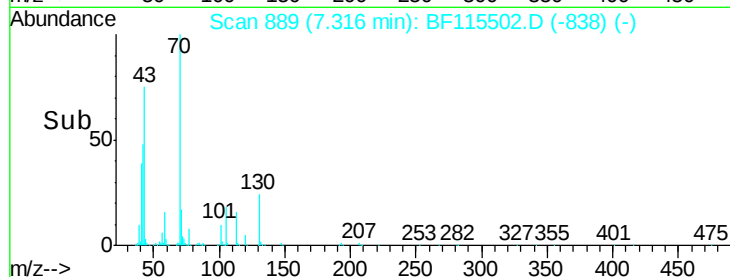
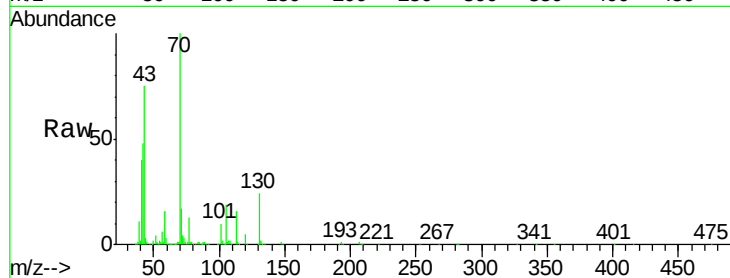
Ion Ratio Lower Upper

70 100

42 47.7 38.5 57.7

101 10.2 8.0 12.0

130 24.0 19.1 28.7

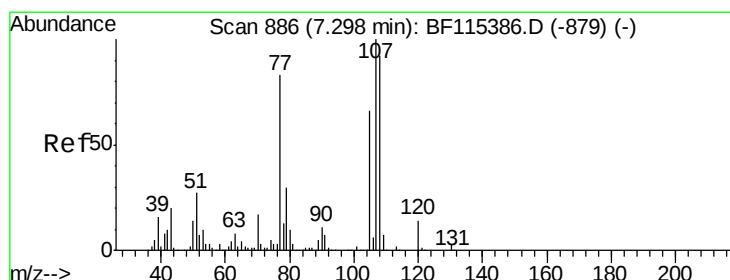
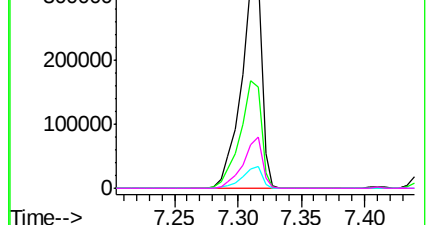


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.370 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Tgt Ion: 107 Resp: 528470

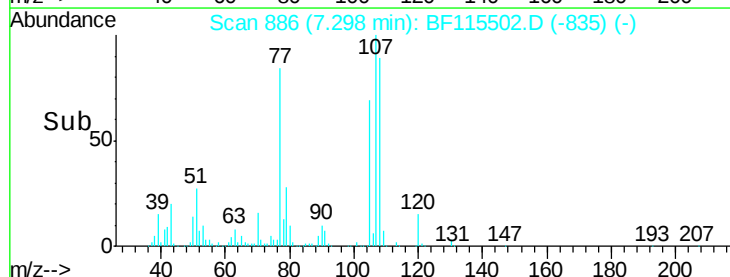
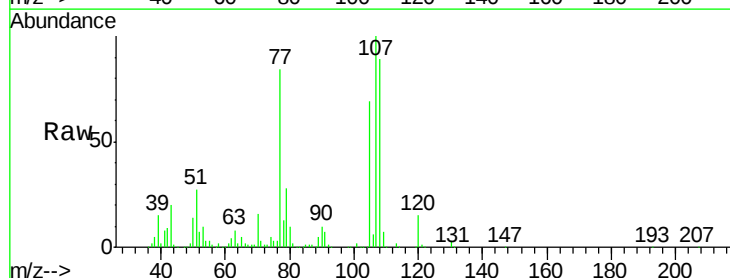
Ion Ratio Lower Upper

107 100

108 88.9 70.5 110.5

77 84.4 63.0 103.0

79 28.0 8.3 48.3

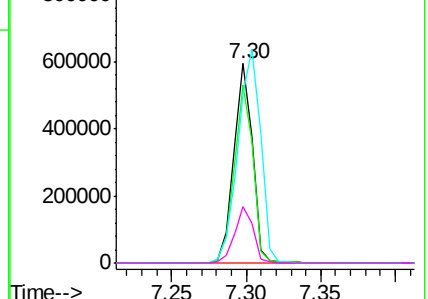


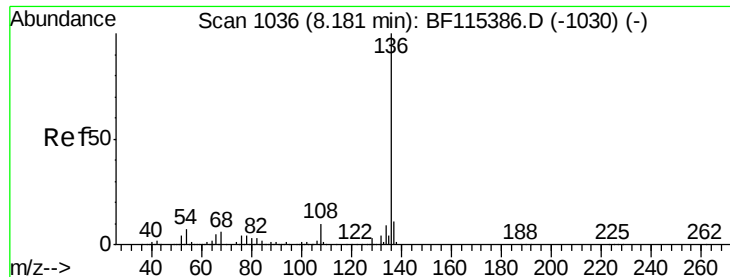
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

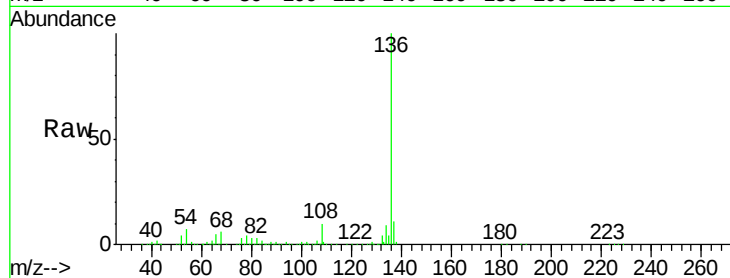




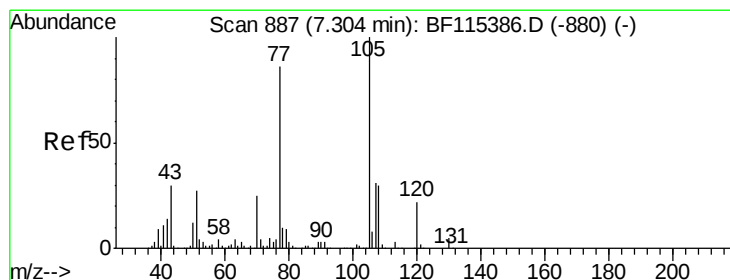
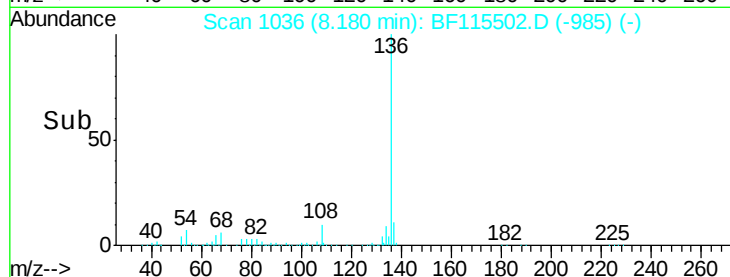
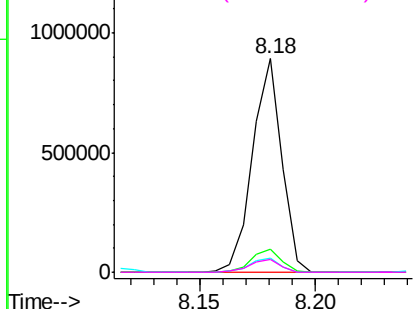
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	789563
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	5.4	8.0
68	6.2	4.8	7.2

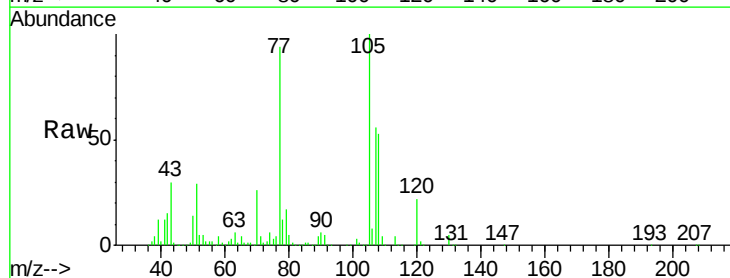


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

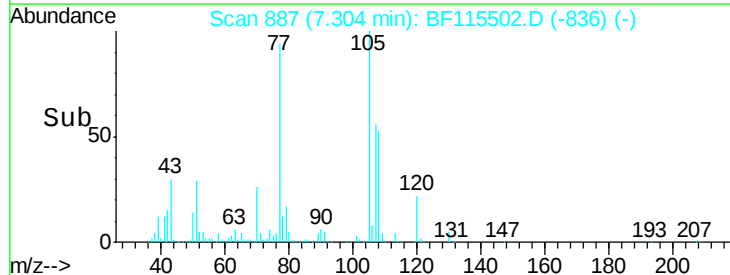
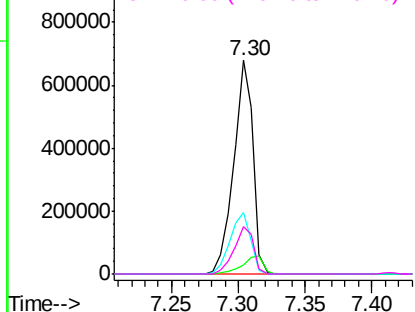


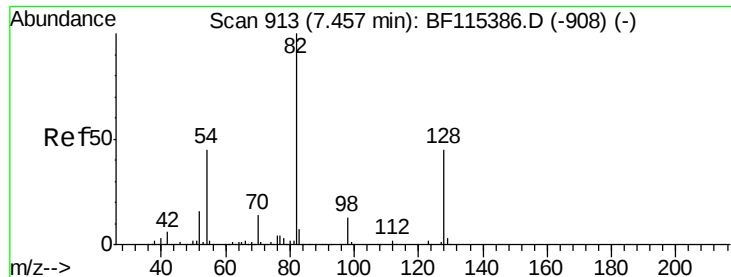
#22
Acetophenone
Concen: 36.437 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:	105	Resp:	689376
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.5	5.3
51	28.8	22.6	33.8
120	22.0	17.9	26.9



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

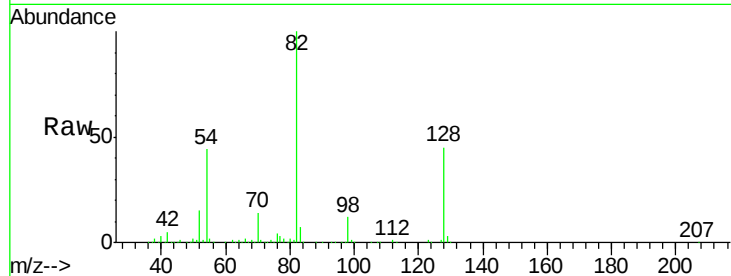




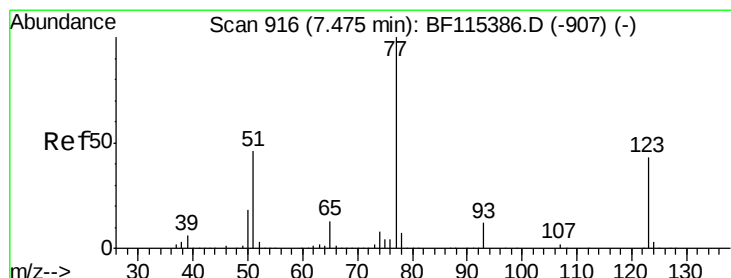
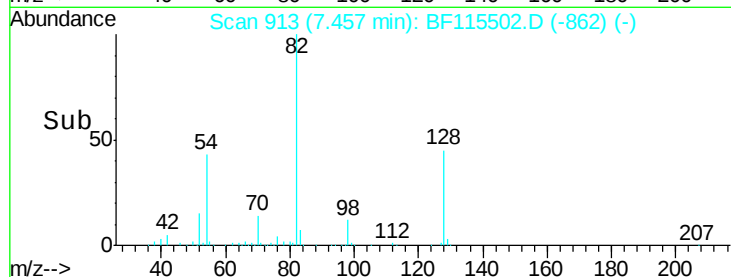
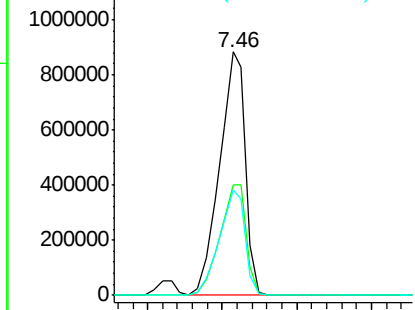
#23
Nitrobenzene-d5
Concen: 79.869 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1067336
Ion Ratio Lower Upper
82 100
128 45.5 36.7 55.1
54 43.5 35.6 53.4

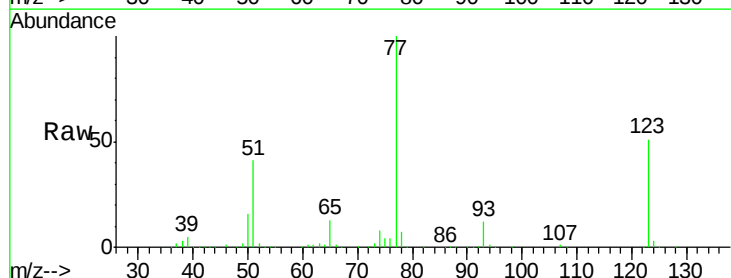


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

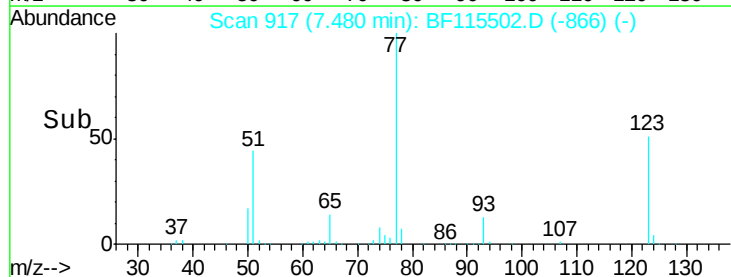
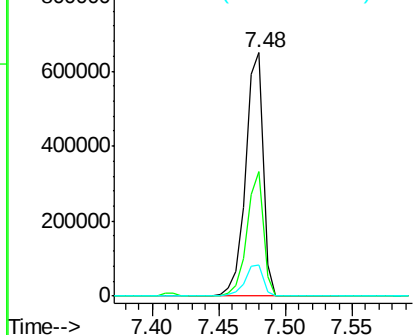


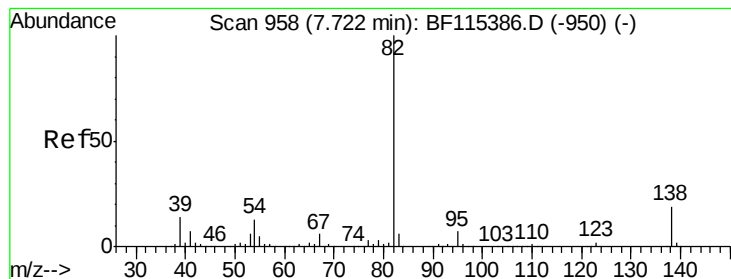
#24
Nitrobenzene
Concen: 38.860 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion: 77 Resp: 586487
Ion Ratio Lower Upper
77 100
123 51.1 40.4 60.6
65 13.0 10.4 15.6



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





#25

Isophorone

Concen: 35.688 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

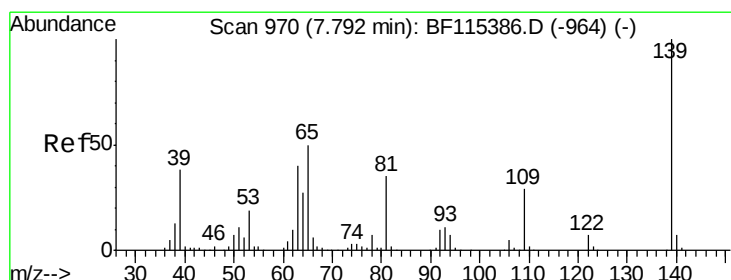
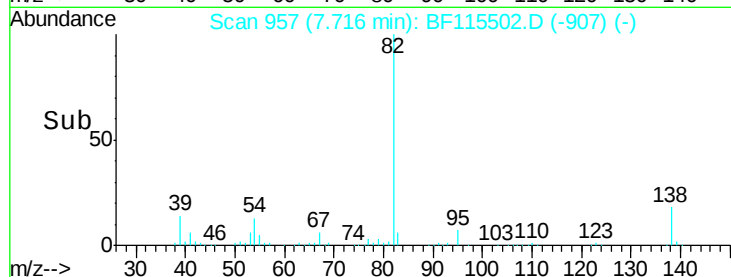
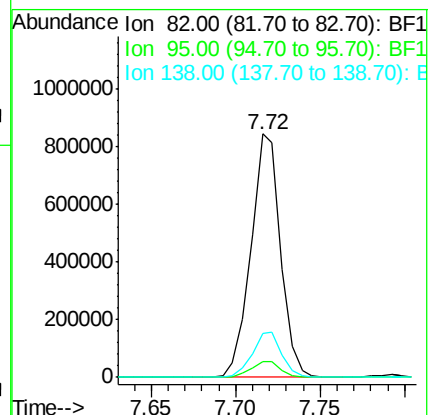
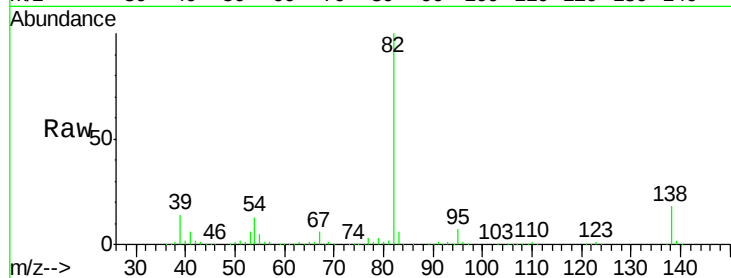
Tot Ion: 82 Resp: 1033727

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 17.8 15.1 22.7



#26

2-Nitrophenol

Concen: 47.734 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

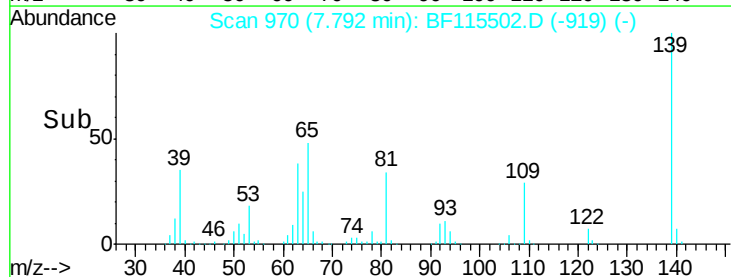
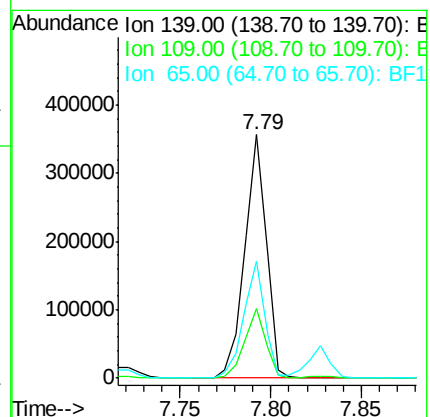
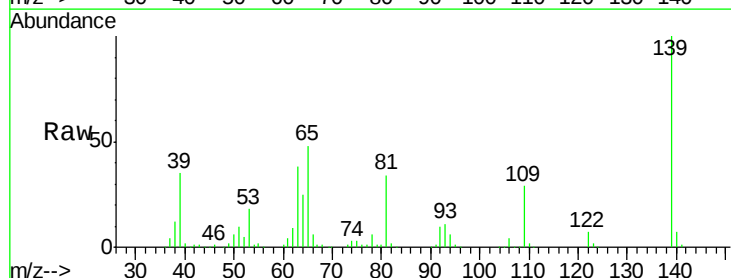
Tgt Ion: 139 Resp: 296178

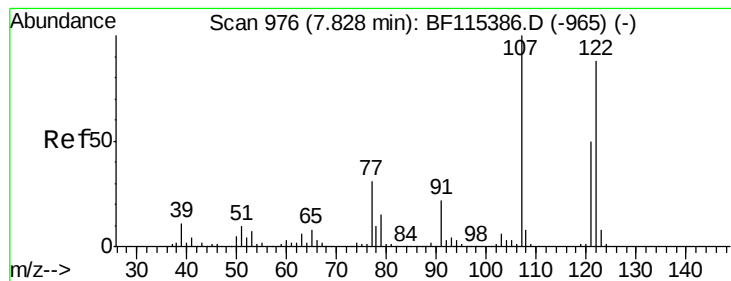
Ion Ratio Lower Upper

139 100

109 28.5 22.2 33.4

65 48.0 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.468 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

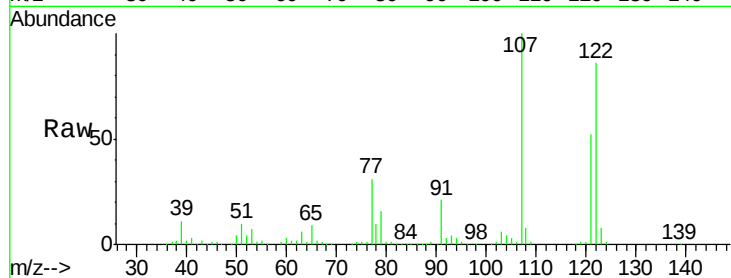
Tot Ion:122 Resp: 407809

Ion Ratio Lower Upper

122 100

107 116.0 91.7 137.5

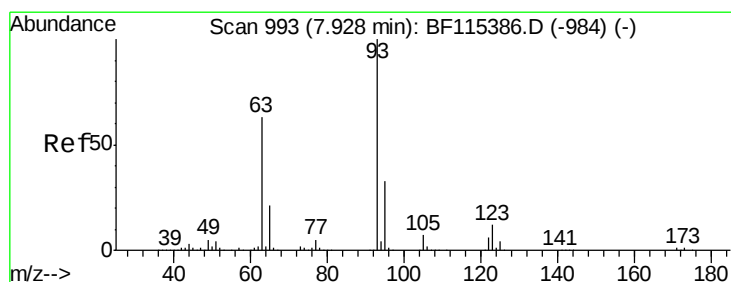
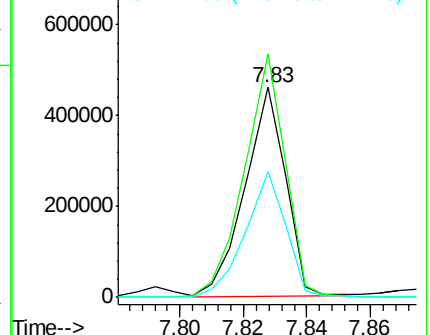
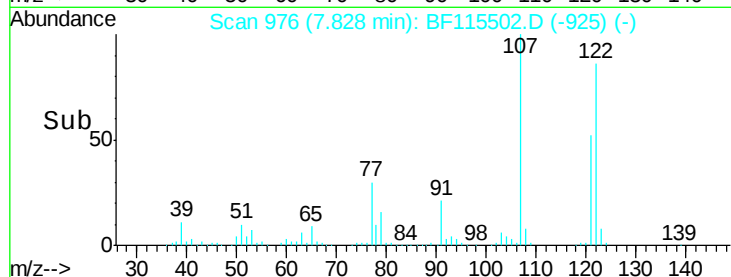
121 60.1 47.7 71.5



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: 36.127 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

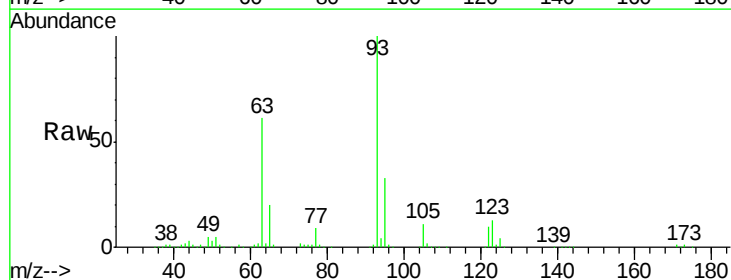
Tgt Ion: 93 Resp: 645281

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

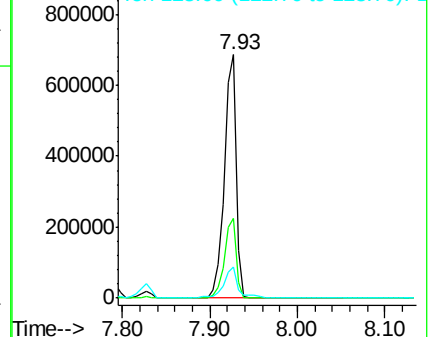
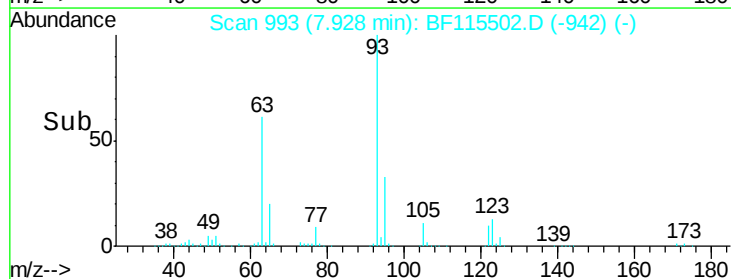
123 12.7 10.4 15.6

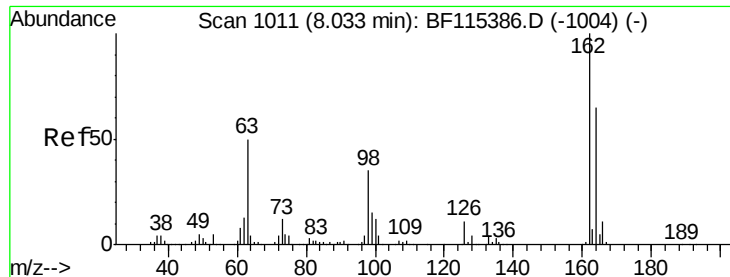


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

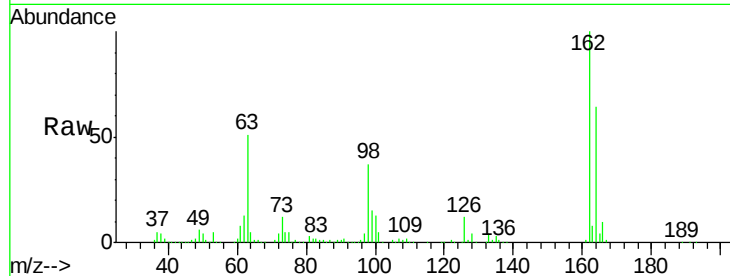




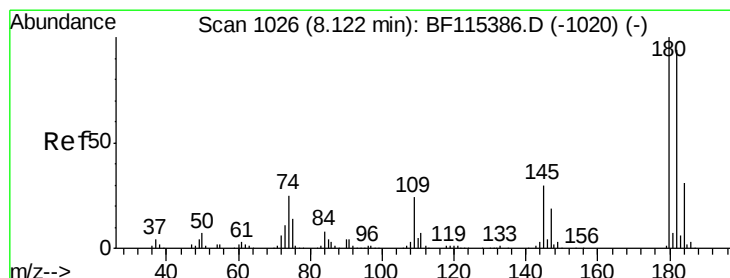
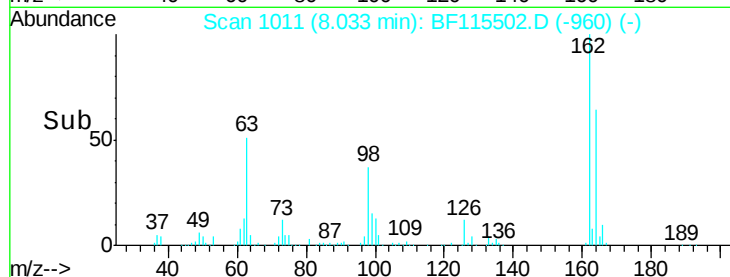
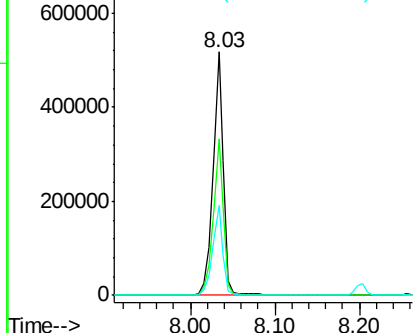
#29
2,4-Dichlorophenol
Concen: 38.971 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	36.9	17.0	57.0

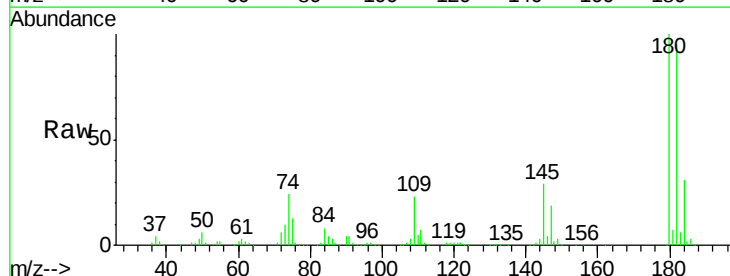


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

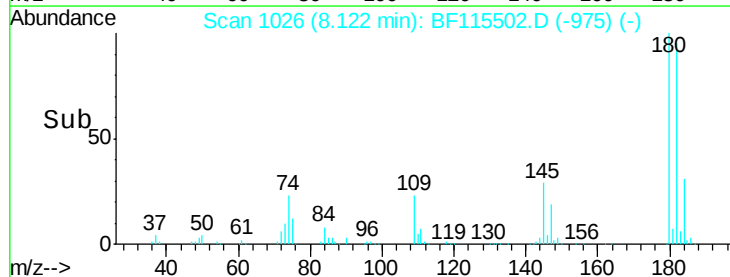
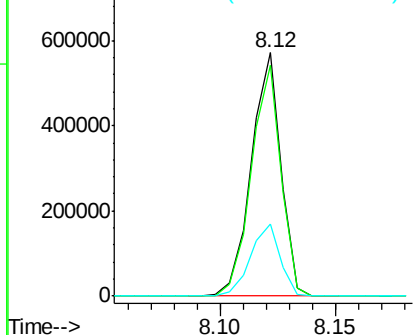


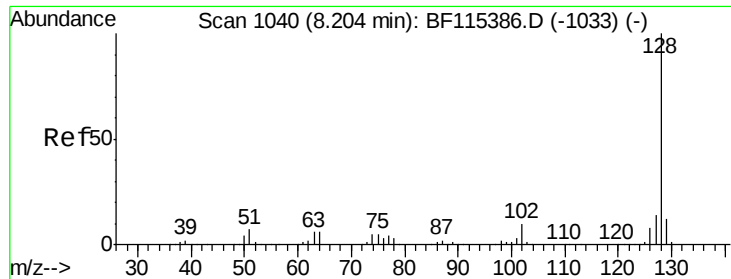
#30
1,2,4-Trichlorobenzene
Concen: 39.050 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.1	115.7
145	29.5	23.9	35.9



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

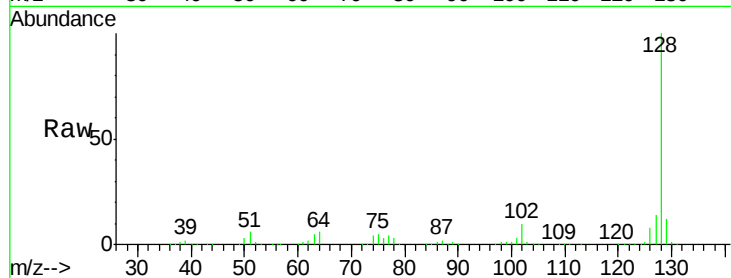




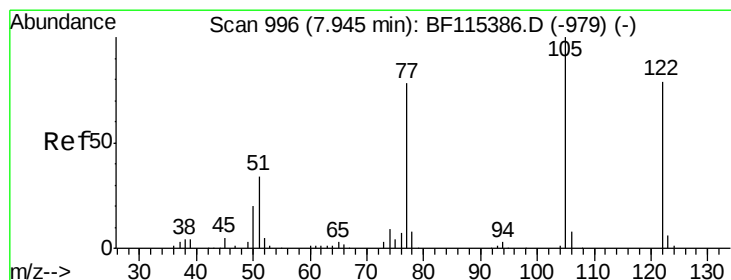
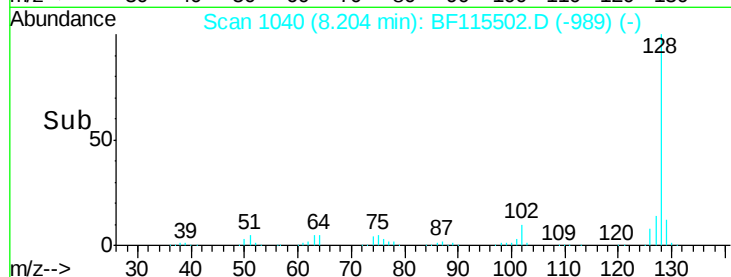
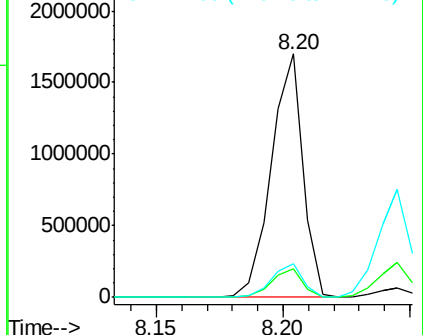
#31
Naphthalene
Concen: 37.957 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1488593
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.0 11.1 16.7

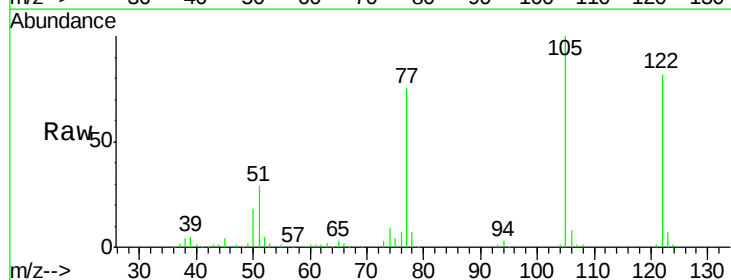


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

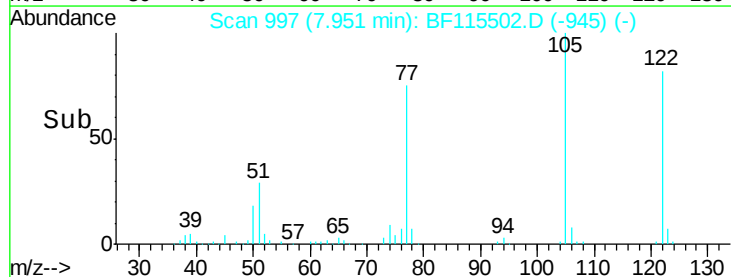
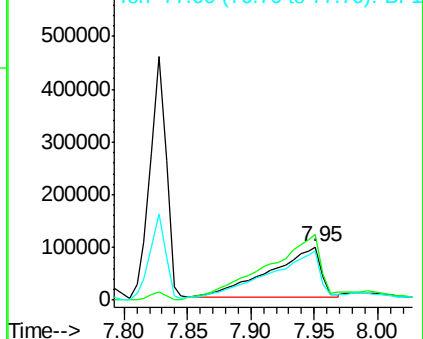


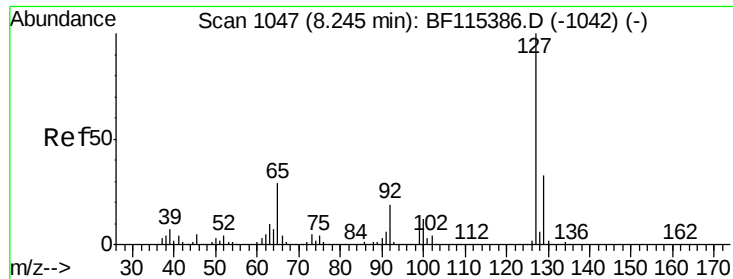
#32
Benzoic acid
Concen: 33.331 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:122 Resp: 269083
Ion Ratio Lower Upper
122 100
105 122.7 101.6 141.6
77 92.4 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

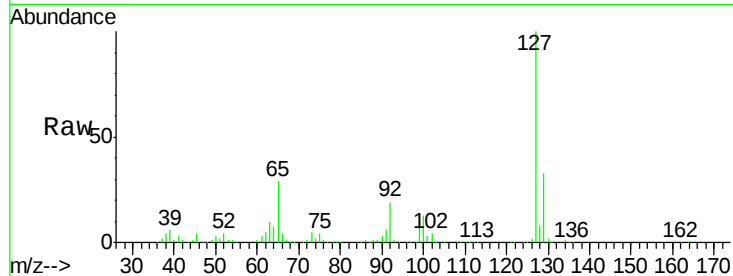




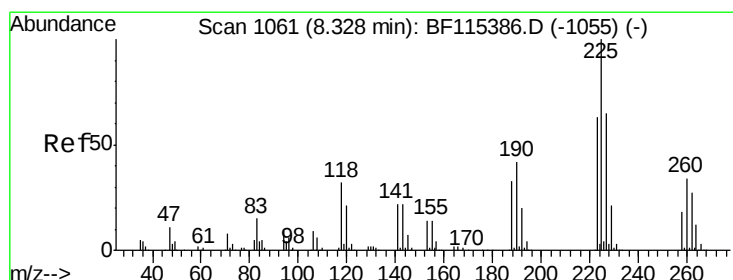
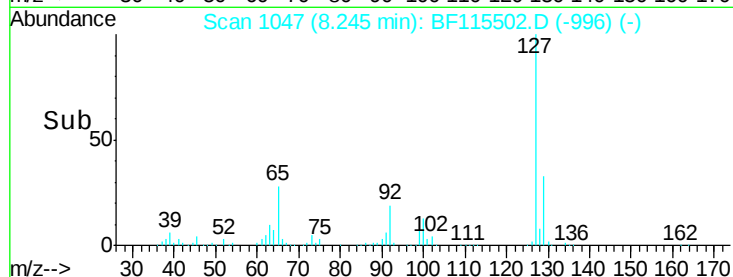
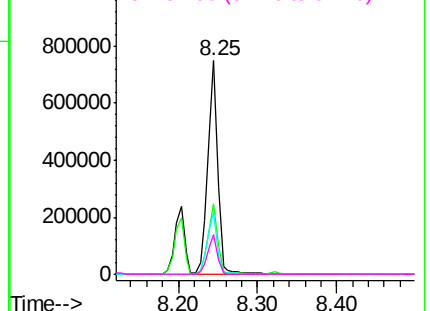
#33
4-Chloroaniline
Concen: 38.239 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	669104
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.9	23.2	34.8
92	18.8	15.0	22.6

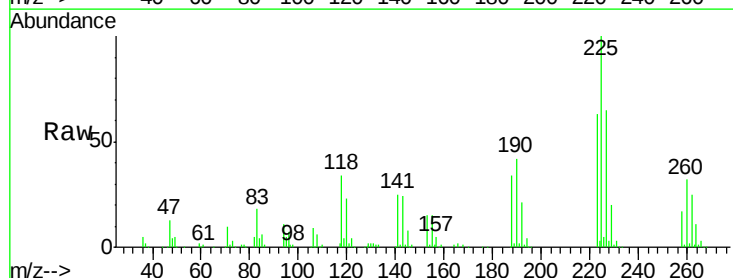


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

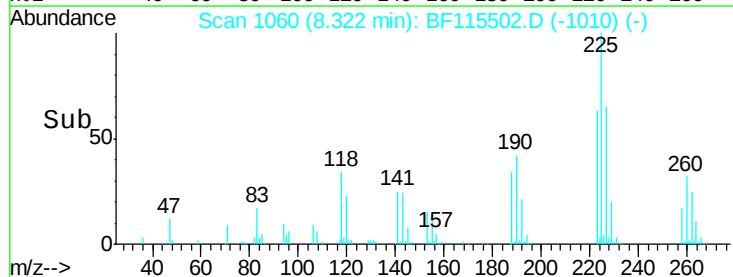
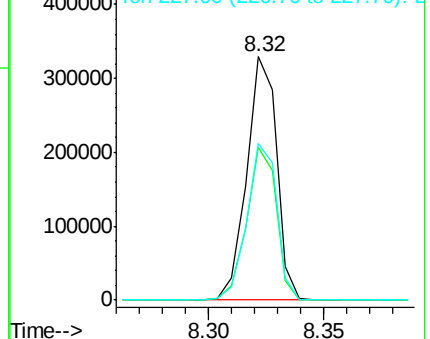


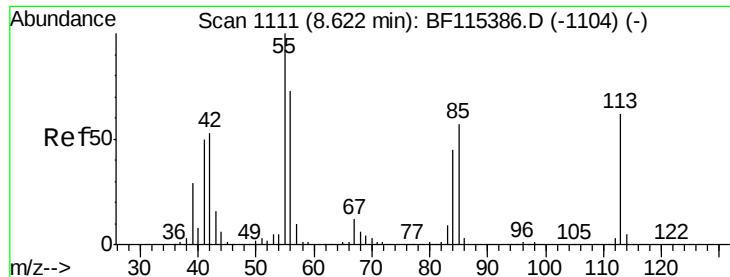
#34
Hexachlorobutadiene
Concen: 40.288 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:	225	Resp:	299740
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.5	51.4	77.2



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

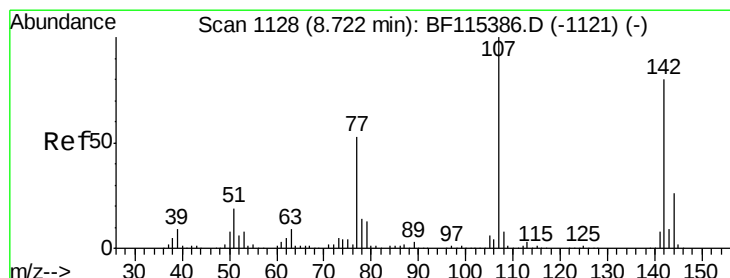
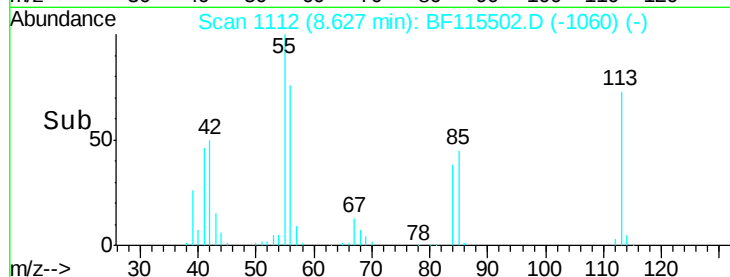
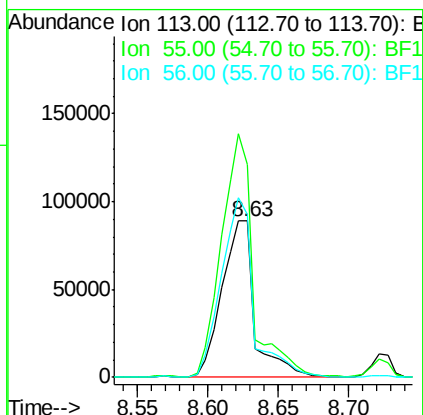
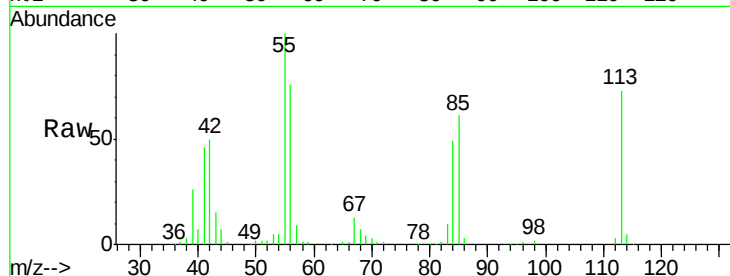




#35
Caprolactam
Concen: 37.344 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

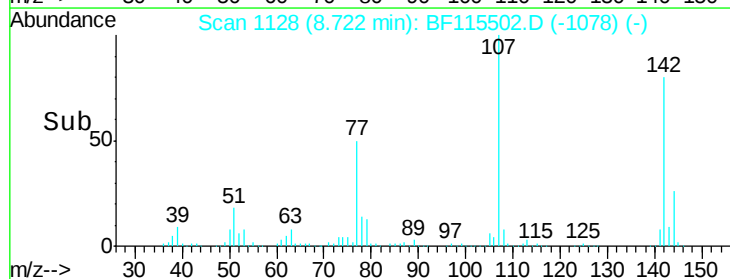
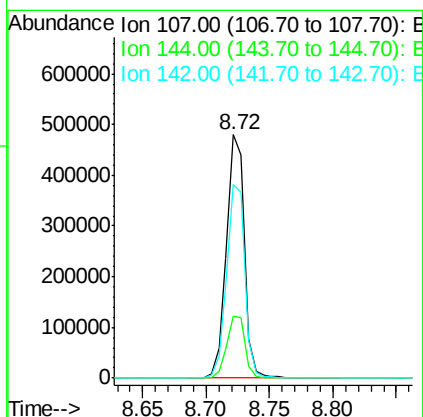
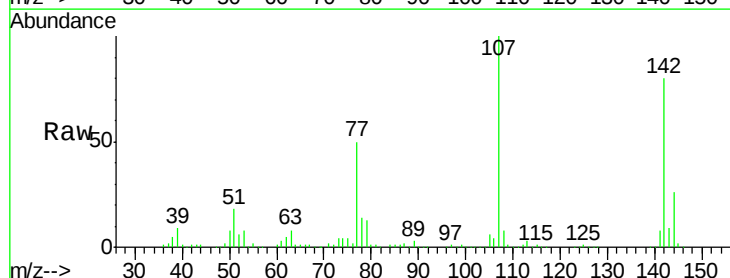
Instrument :
BNA_F
ClientSampleId :

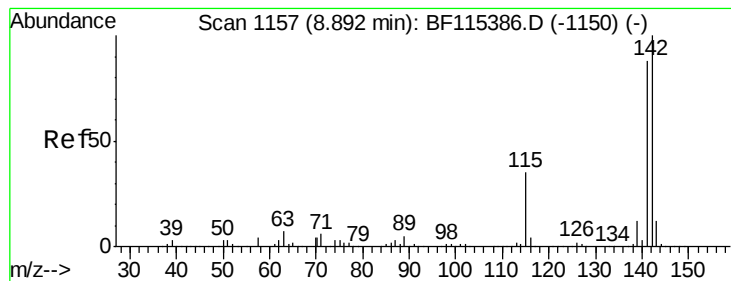
Tot Ion:113 Resp: 143330
Ion Ratio Lower Upper
113 100
55 136.2 138.1 178.1#
56 104.1 95.7 135.7



#36
4-Chloro-3-methylphenol
Concen: 37.751 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:107 Resp: 470552
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 79.5 66.2 99.2





#37

2-Methylnaphthalene

Concen: 37.887 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

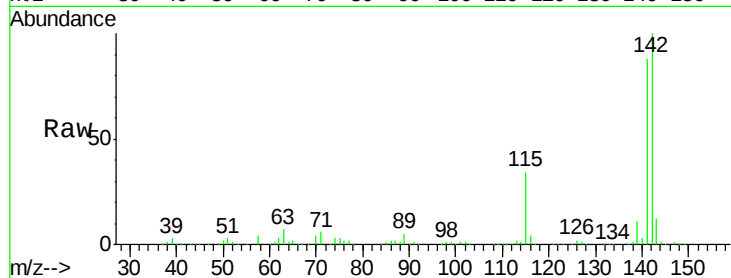
Tot Ion:142 Resp: 993138

Ion Ratio Lower Upper

142 100

141 87.5 72.1 108.1

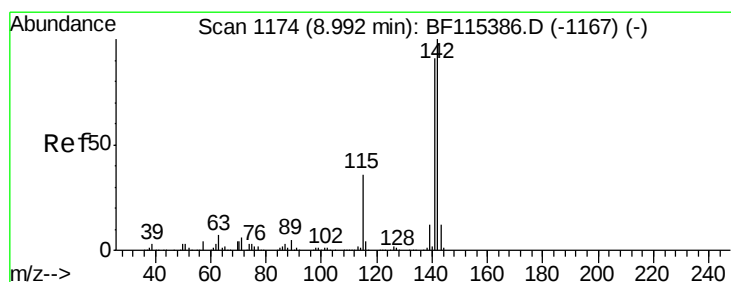
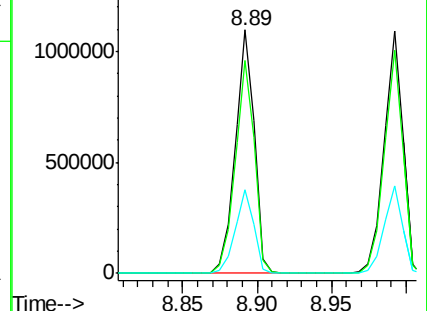
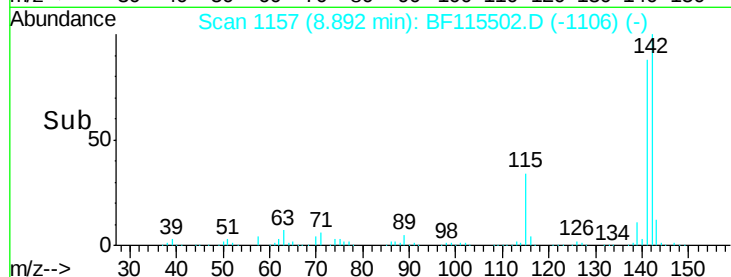
115 34.4 27.6 41.4



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: 37.434 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

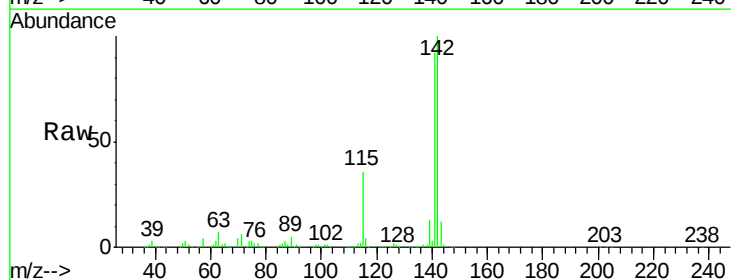
Tgt Ion:142 Resp: 936267

Ion Ratio Lower Upper

142 100

141 92.3 74.3 111.5

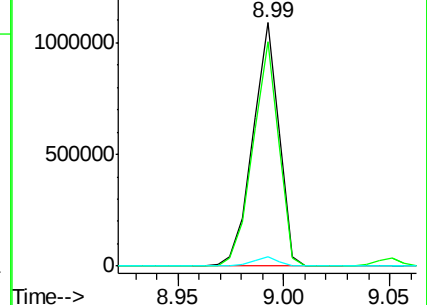
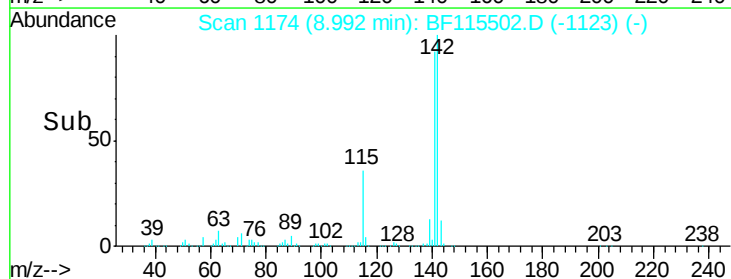
116 3.9 3.1 4.7

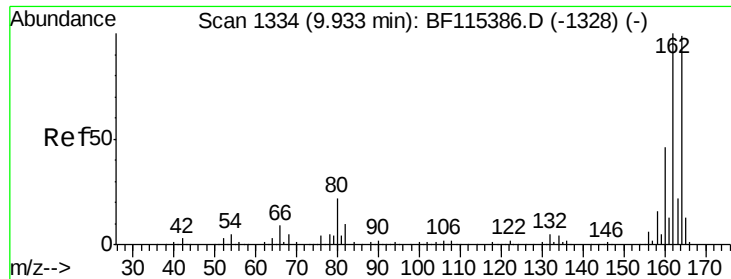


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

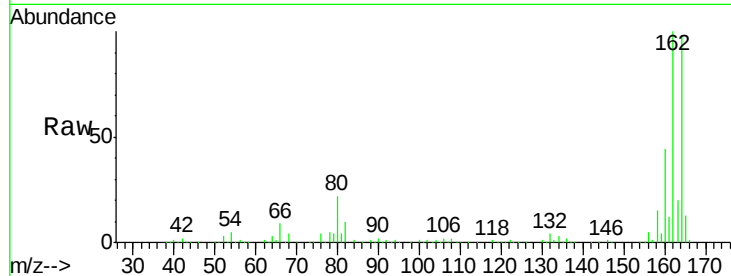
Tot Ion:164 Resp: 382301

Ion Ratio Lower Upper

164 100

162 102.4 82.3 123.5

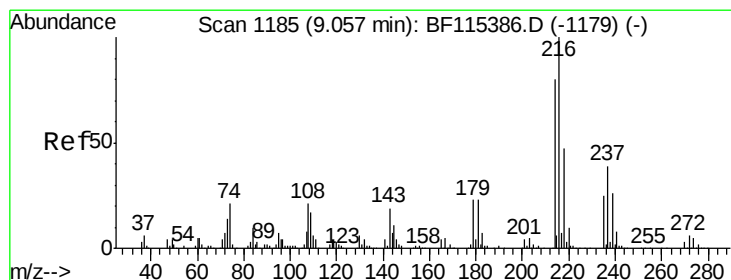
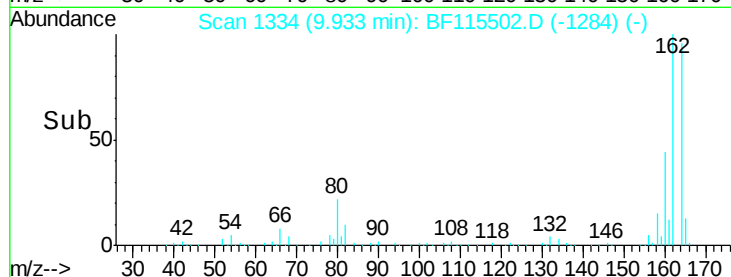
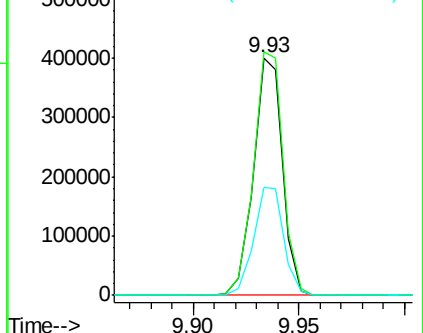
160 45.4 37.2 55.8



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: 41.171 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Tgt Ion:216 Resp: 452814

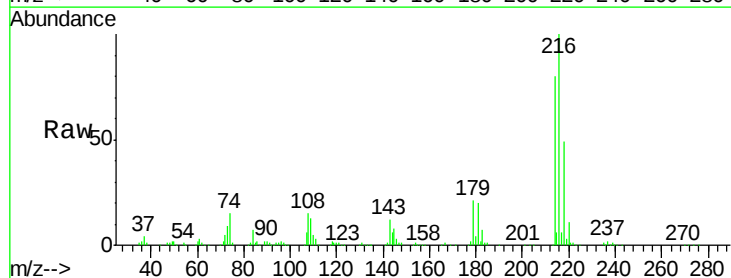
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 21.8 17.4 26.0

108 18.9 15.4 23.2

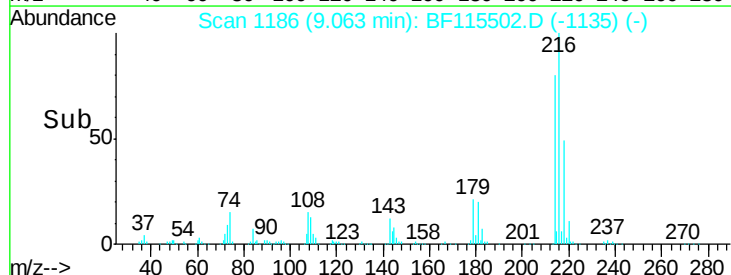
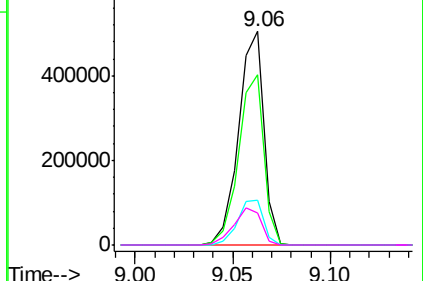


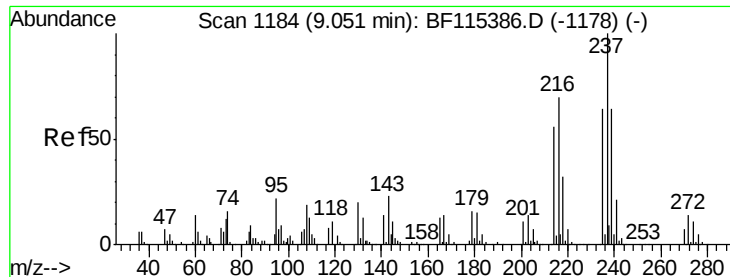
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.865 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

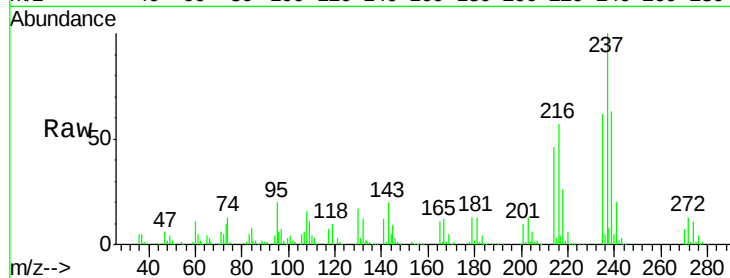
Tot Ion:237 Resp: 234996

Ion Ratio Lower Upper

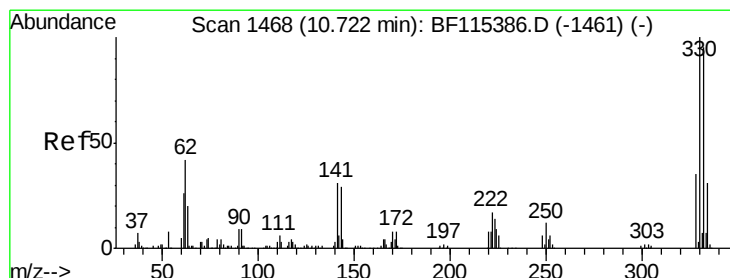
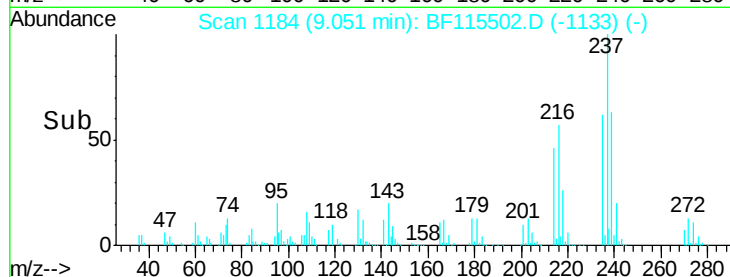
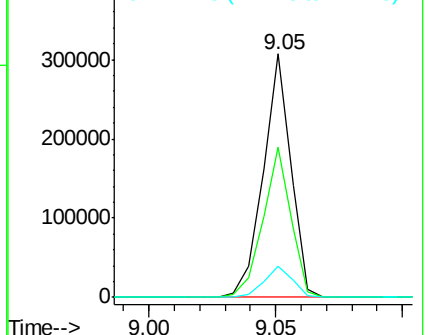
237 100

235 61.9 43.4 83.4

272 13.0 0.0 33.6



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: 81.410 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

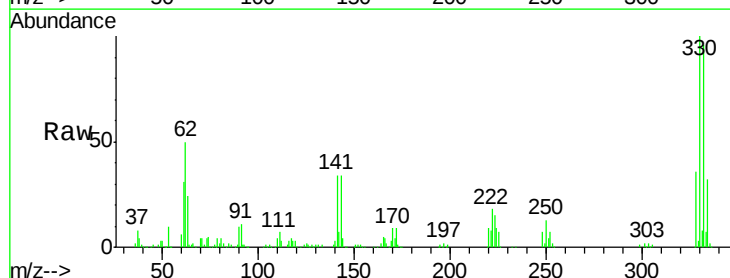
Tgt Ion:330 Resp: 344120

Ion Ratio Lower Upper

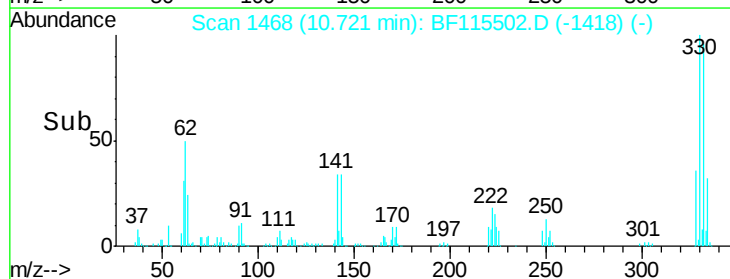
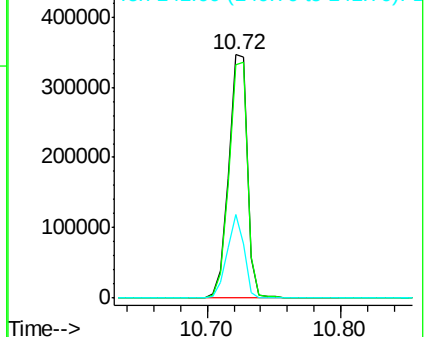
330 100

332 96.7 77.4 116.0

141 30.8 24.7 37.1



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

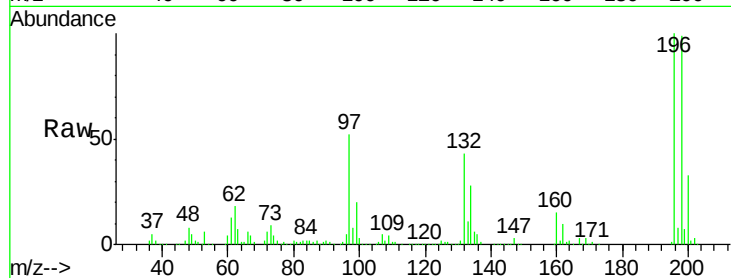




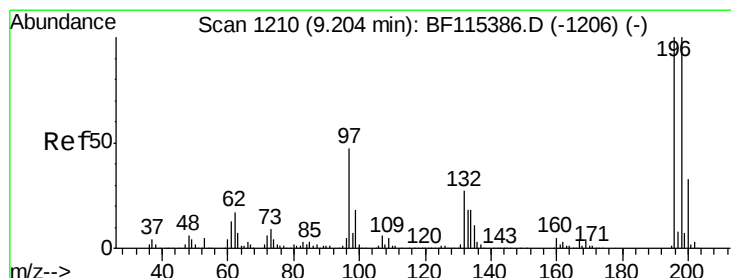
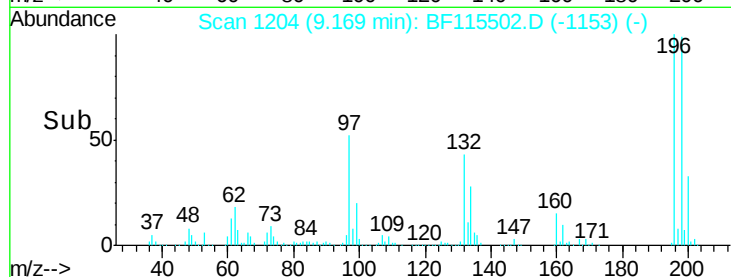
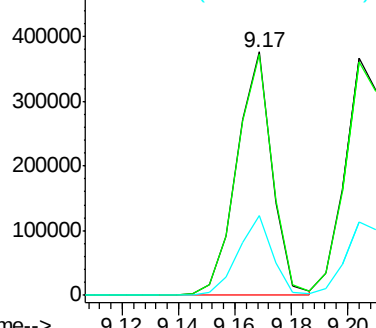
#43
 2,4,6-Trichlorophenol
 Concen: 40.727 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 326103
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.2 117.4
 200 32.5 25.0 37.6

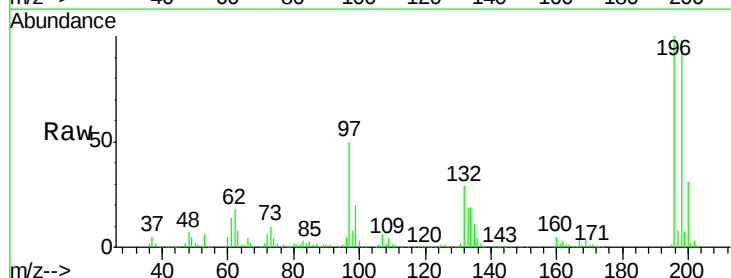


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

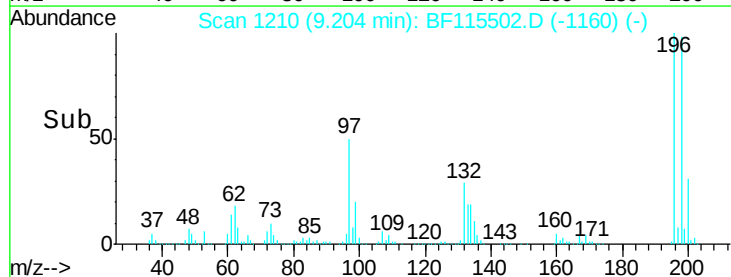
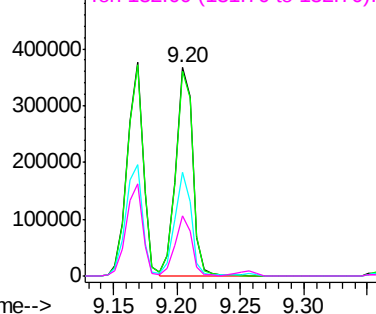


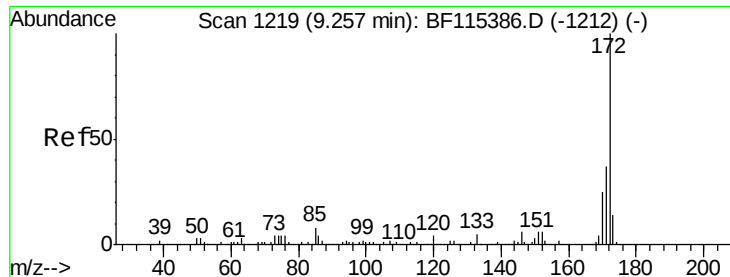
#44
 2,4,5-Trichlorophenol
 Concen: 41.348 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion:196 Resp: 343298
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.6 120.8
 97 49.7 34.0 51.0
 132 29.0 21.4 32.2



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

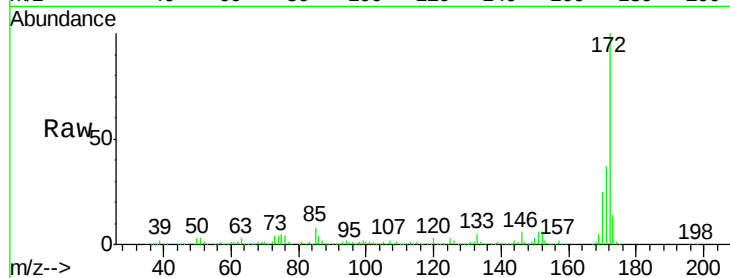




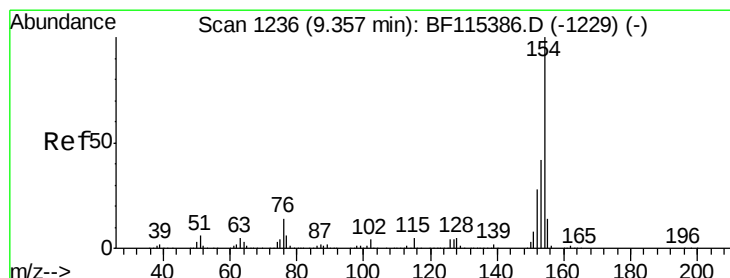
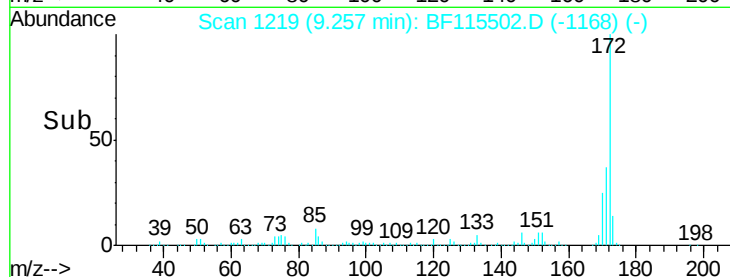
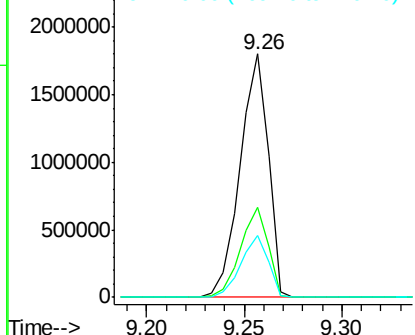
#45
2-Fluorobiphenyl
Concen: 82.511 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1797638
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.8
170 25.4 20.0 30.0

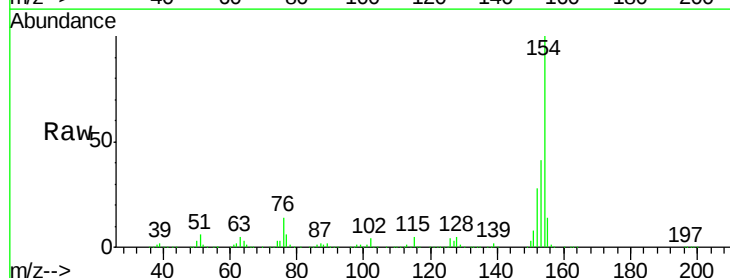


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

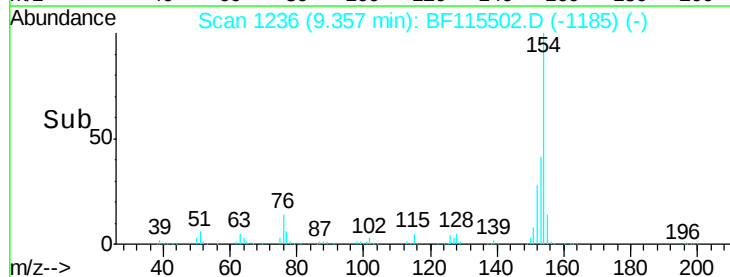
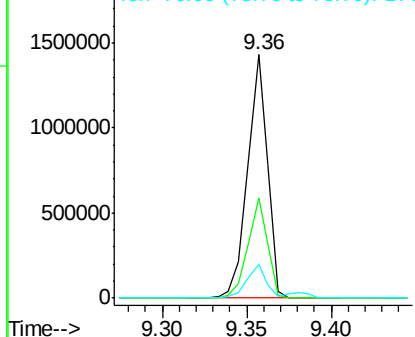


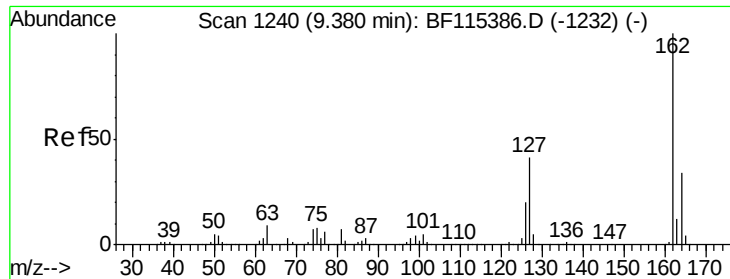
#46
1,1'-Biphenyl
Concen: 39.230 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:154 Resp: 1179035
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 13.8 0.0 34.6



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: 39.710 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

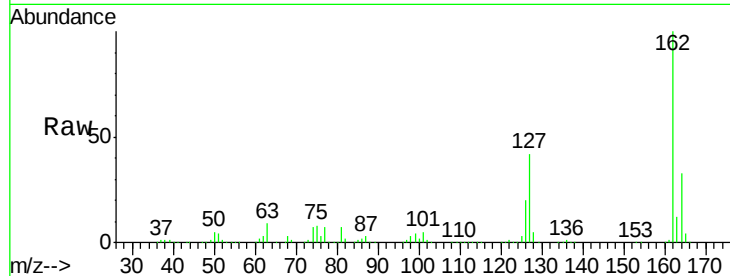
Tot Ion:162 Resp: 986375

Ion Ratio Lower Upper

162 100

127 41.5 31.4 47.0

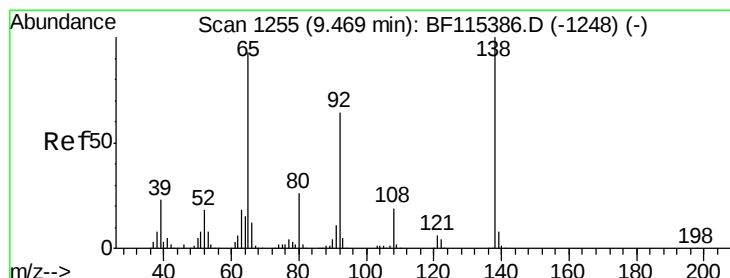
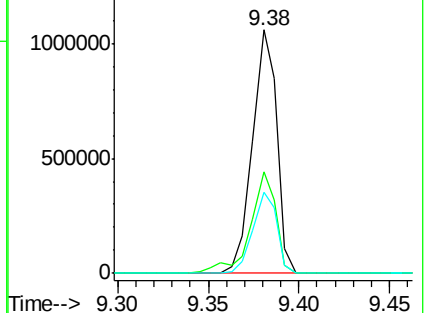
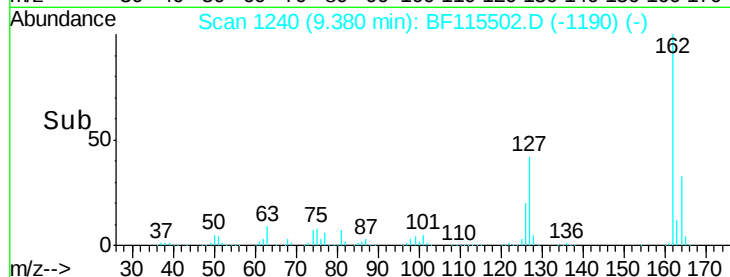
164 33.4 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.154 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

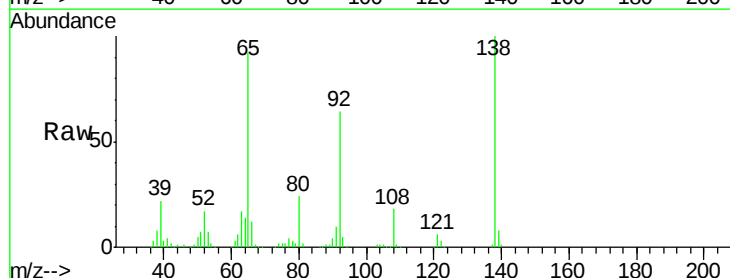
Tgt Ion: 65 Resp: 307632

Ion Ratio Lower Upper

65 100

92 70.2 59.0 88.4

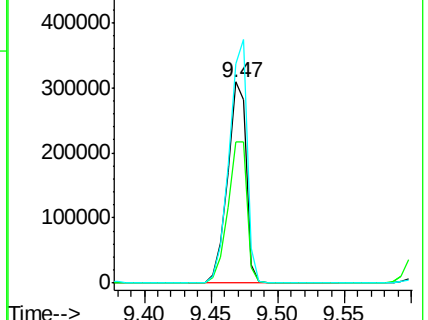
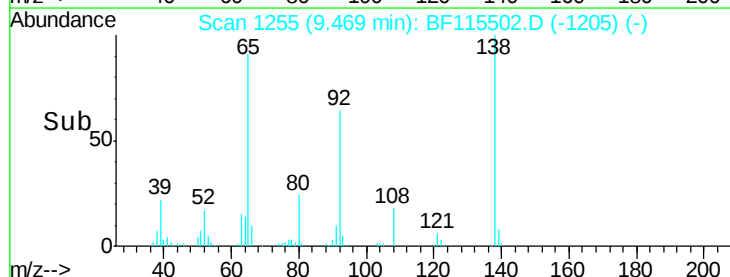
138 109.0 98.3 147.5

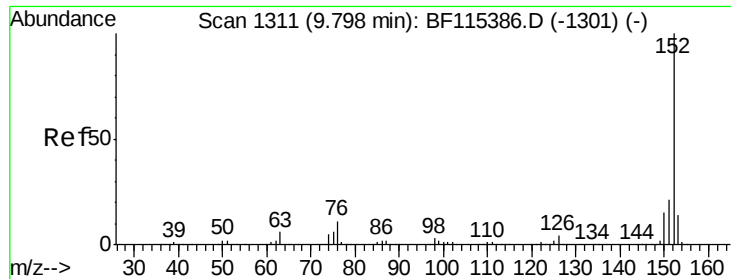


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.349 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

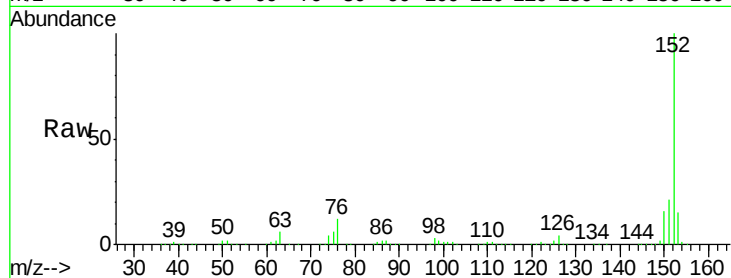
Tot Ion:152 Resp: 1442233

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

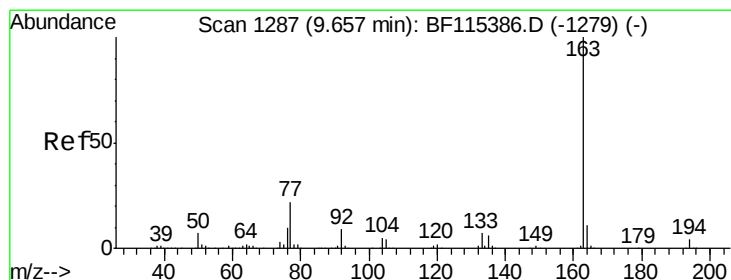
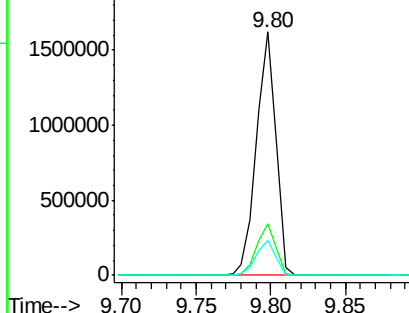
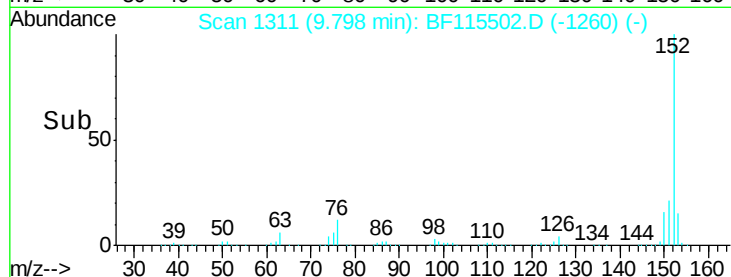
153 14.6 11.8 17.6



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: 38.613 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

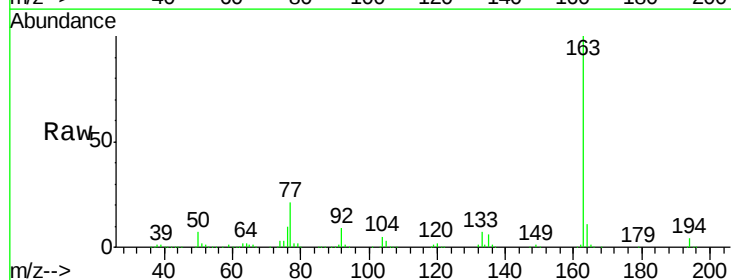
Tgt Ion:163 Resp: 1107964

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

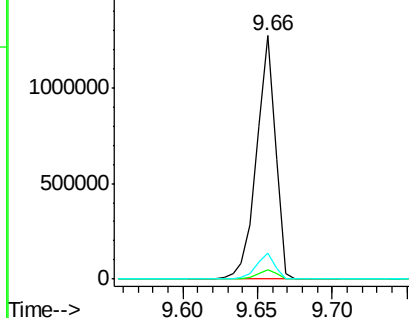
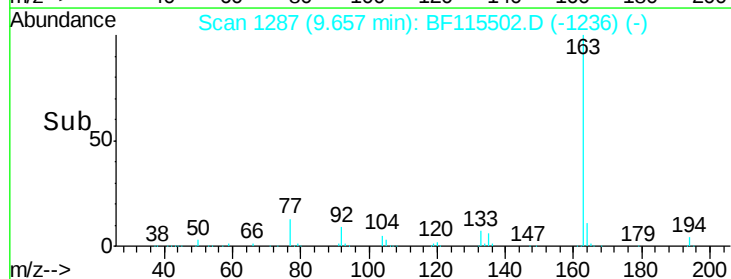
164 10.6 8.6 13.0

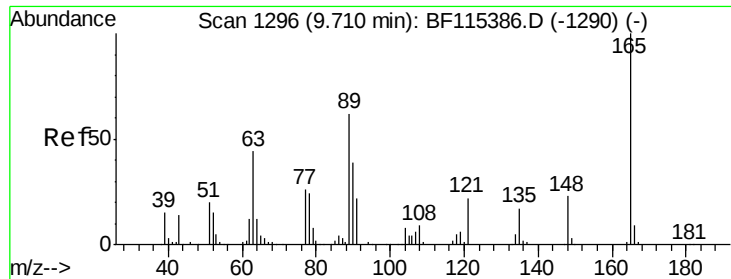


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

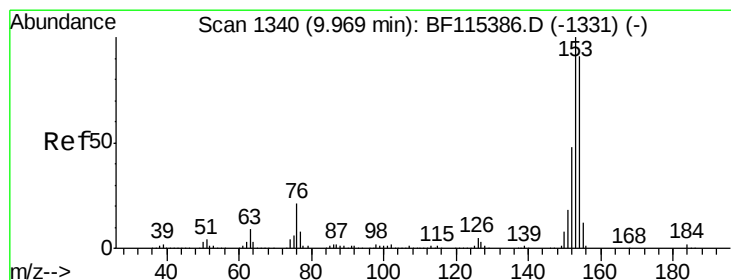
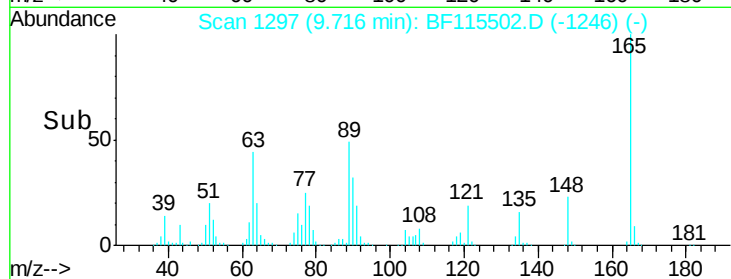
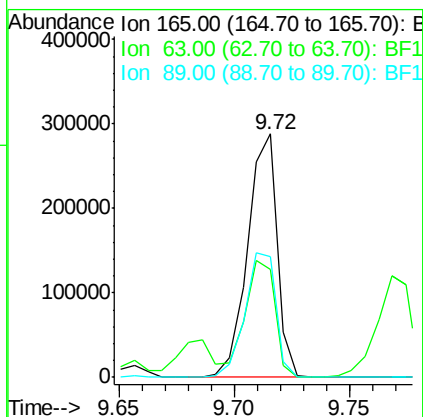
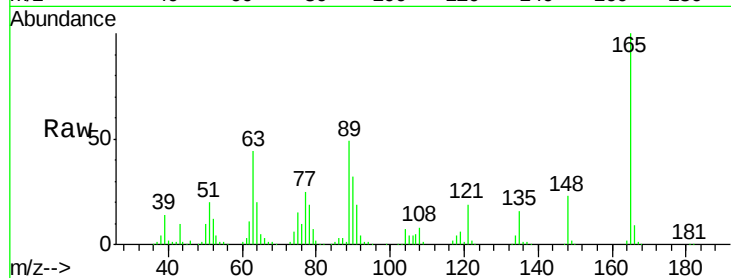




#51
 2,6-Dinitrotoluene
 Concen: 41.568 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

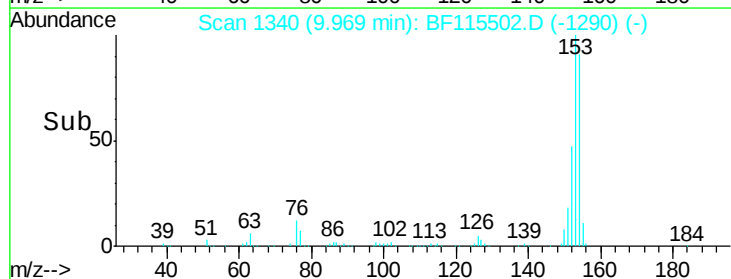
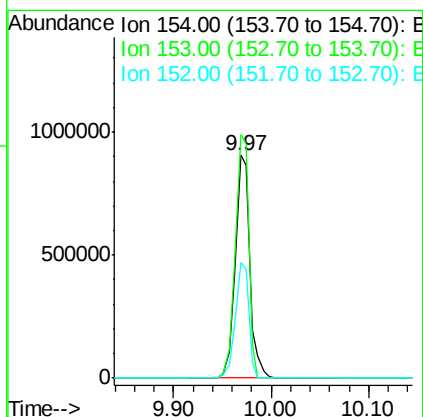
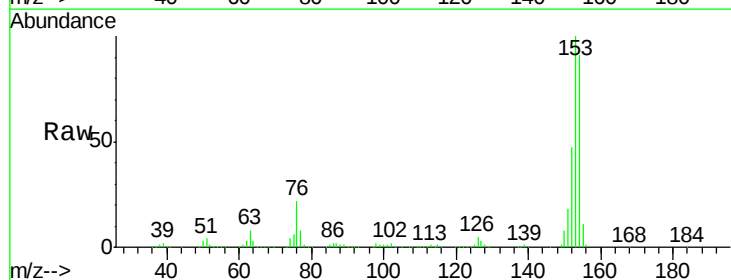
Instrument :
 BNA_F
 ClientSampled :

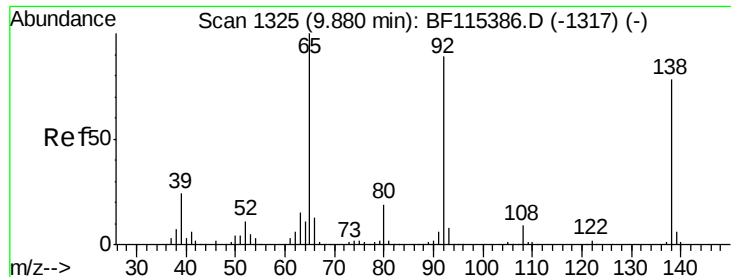
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	39.7	59.5
89	49.4	42.8	64.2



#52
 Acenaphthene
 Concen: 39.541 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	89.8	134.8
152	51.9	41.4	62.0

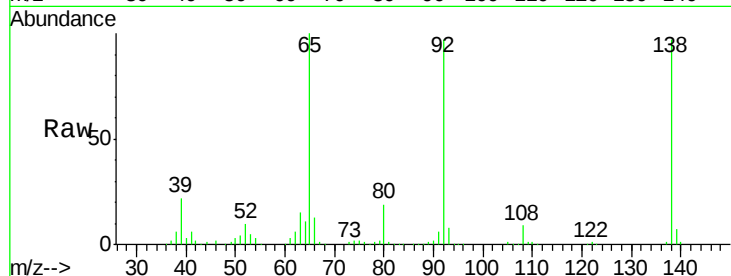




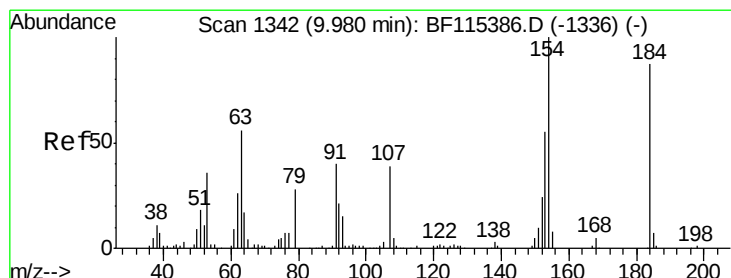
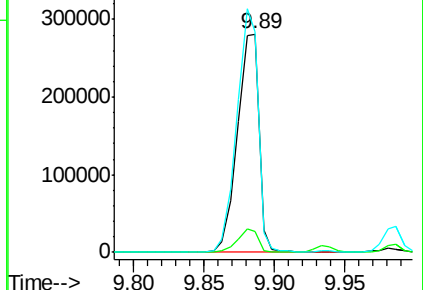
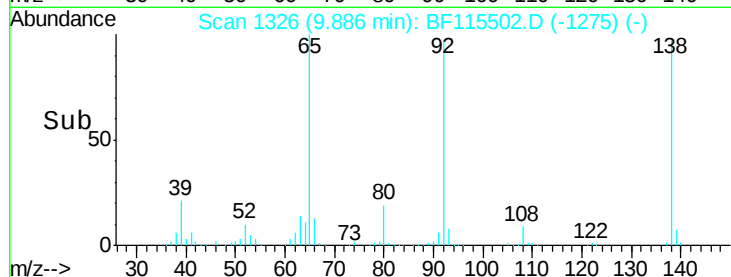
#53
 3-Nitroaniline
 Concen: 41.631 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 300902
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.5 12.7
 92 100.7 86.1 129.1

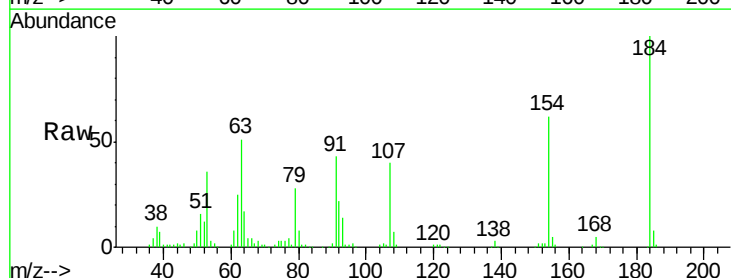


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

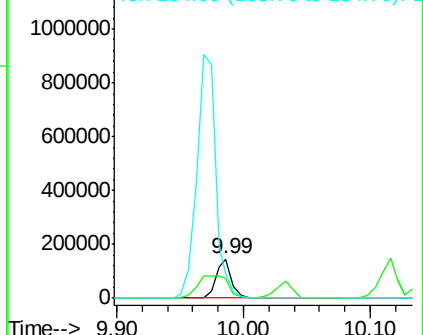
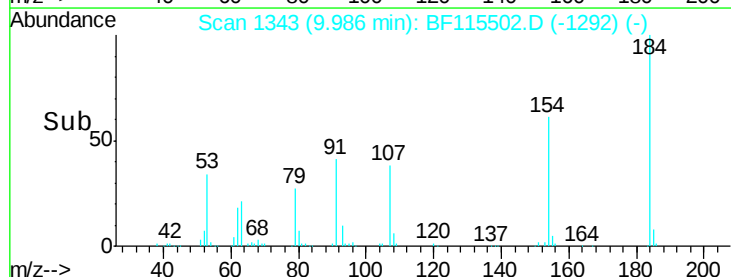


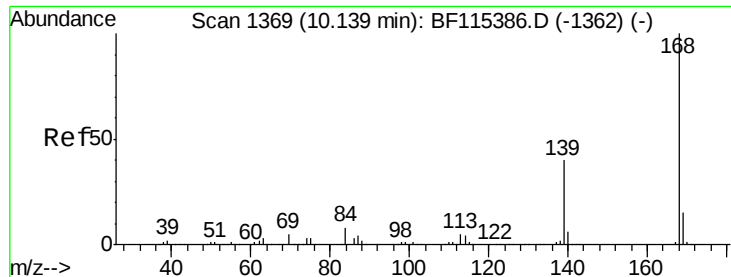
#54
 2,4-Dinitrophenol
 Concen: 51.407 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion:184 Resp: 127469
 Ion Ratio Lower Upper
 184 100
 63 51.5 45.8 68.6
 154 61.7 52.8 79.2



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

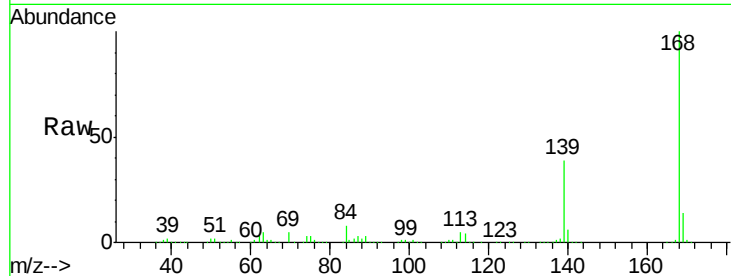




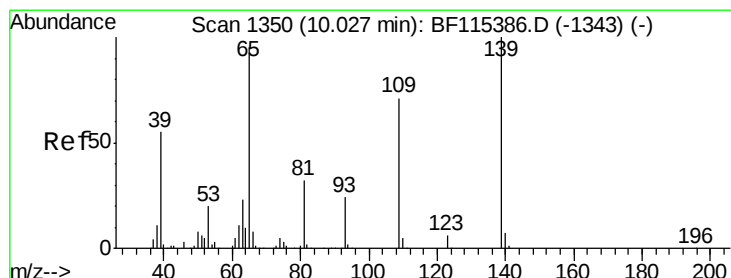
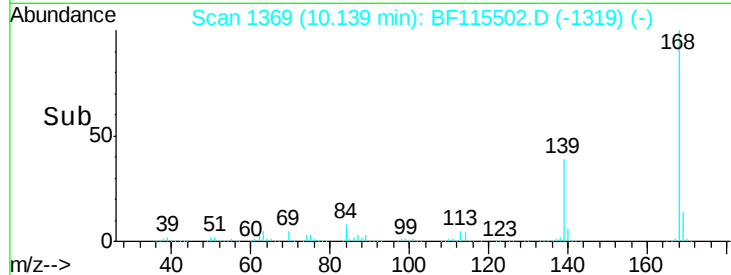
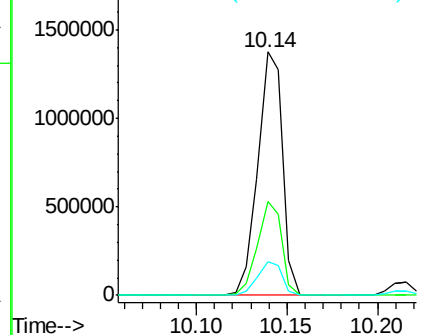
#55
Dibenzenofuran
Concen: 39.100 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1303657
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.9 11.0 16.6

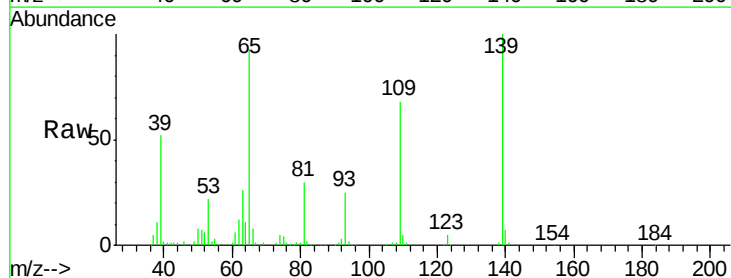


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

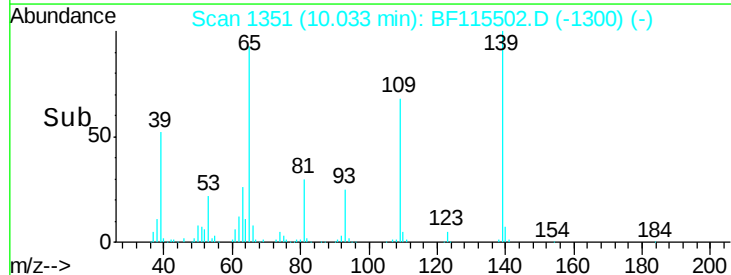
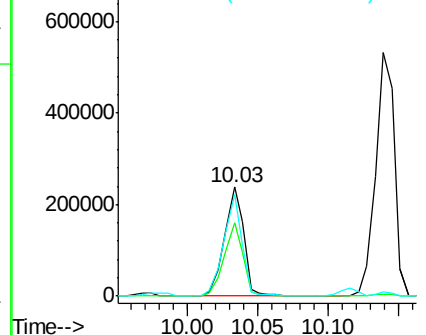


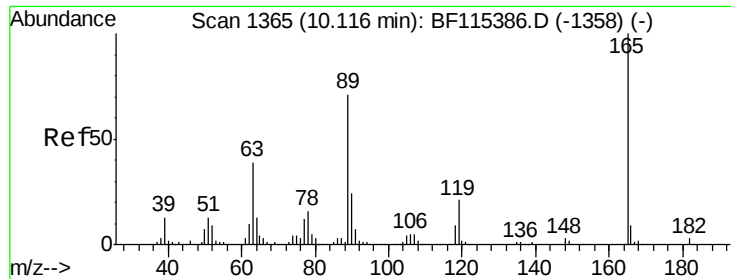
#56
4-Nitrophenol
Concen: 40.914 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:139 Resp: 228793
Ion Ratio Lower Upper
139 100
109 67.6 46.4 86.4
65 93.3 73.4 113.4



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

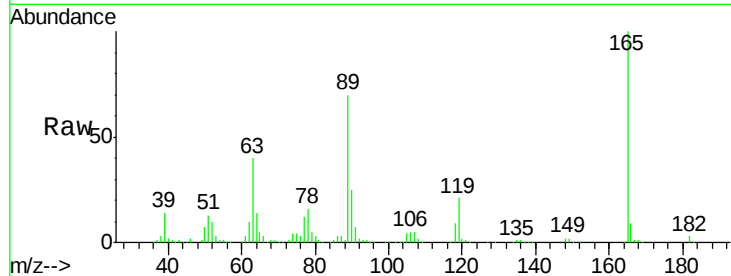




#57
2,4-Dinitrotoluene
Concen: 43.775 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	33.0	49.4
89	69.5	58.5	87.7
182	2.5	2.1	3.1



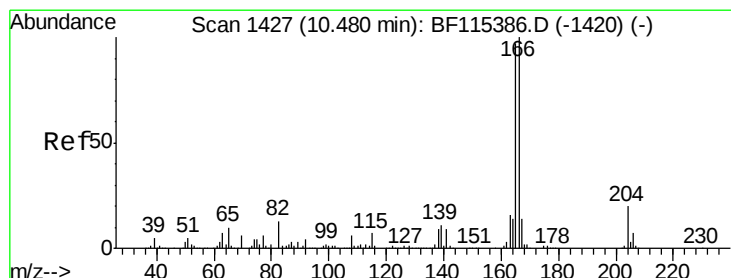
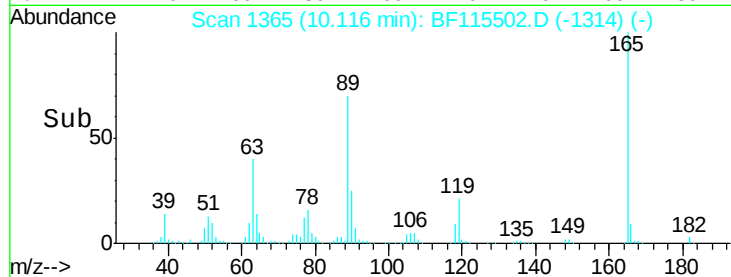
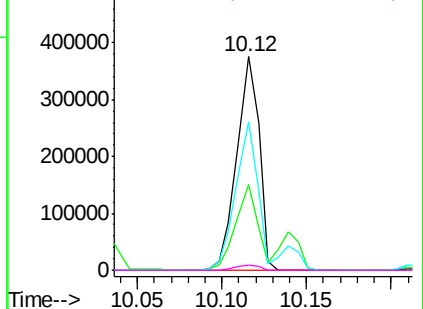
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

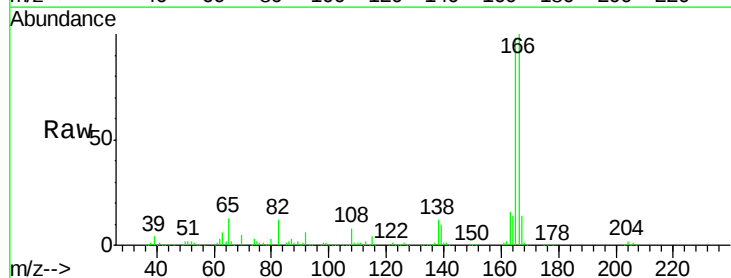
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.085 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.7	118.1
167	13.6	10.8	16.2

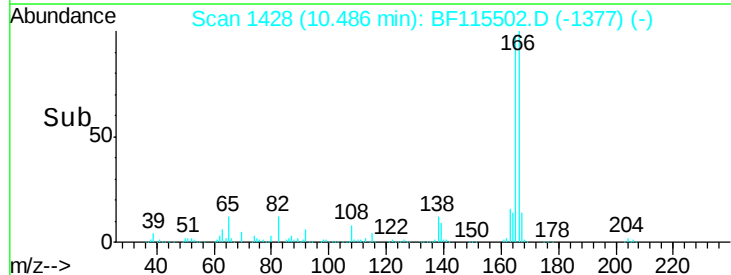
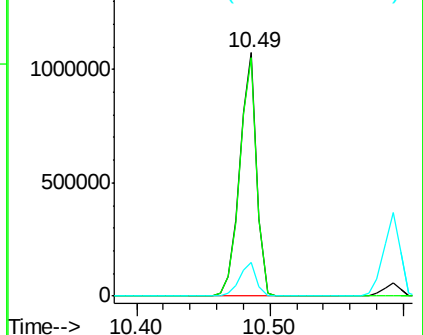


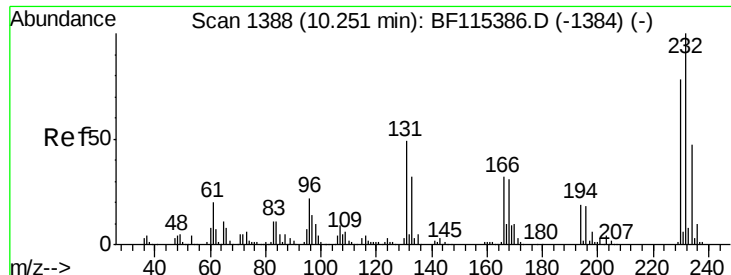
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

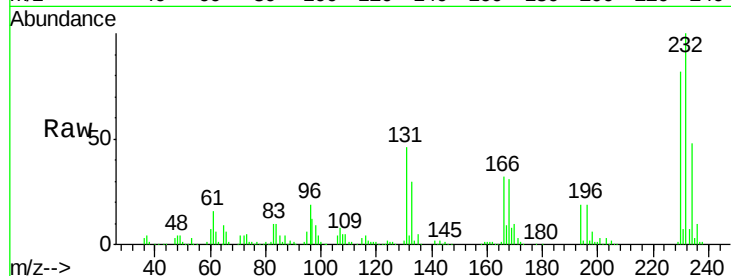




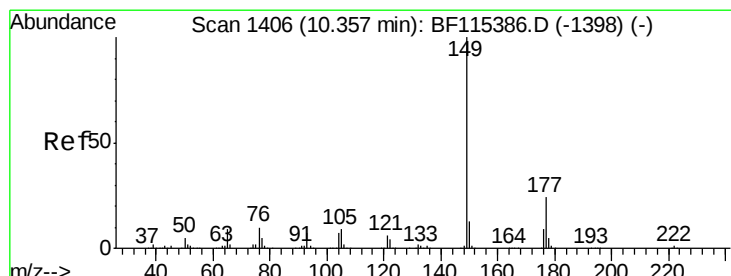
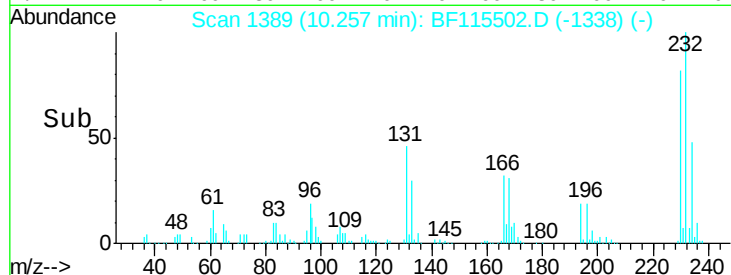
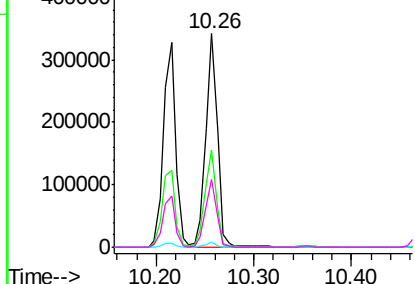
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.674 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 284560
Ion Ratio Lower Upper
232 100
131 44.5 35.4 53.0
130 2.1 1.7 2.5
166 31.3 24.8 37.2

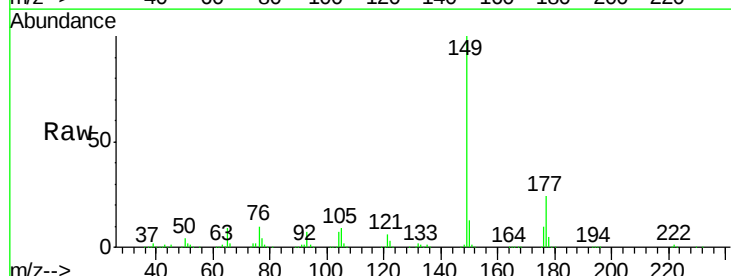


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

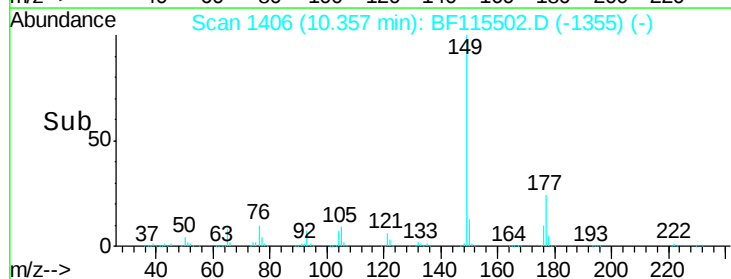
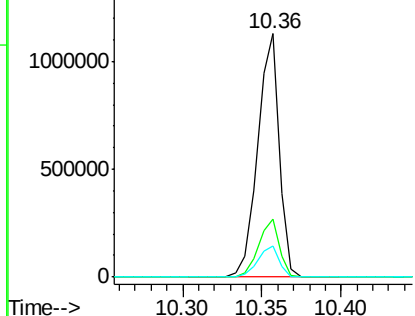


#60
Diethylphthalate
Concen: 37.753 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:149 Resp: 1066275
Ion Ratio Lower Upper
149 100
177 24.0 19.0 28.4
150 12.6 10.4 15.6



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

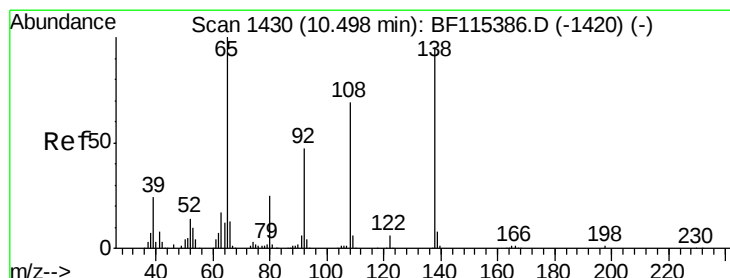
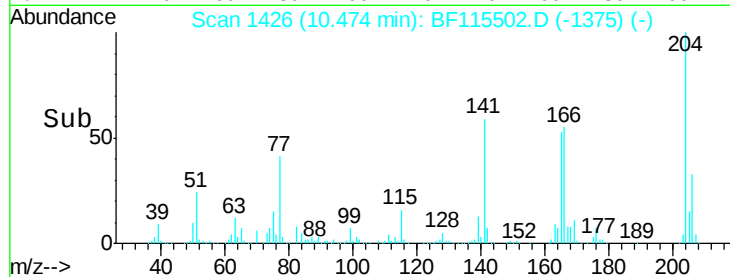
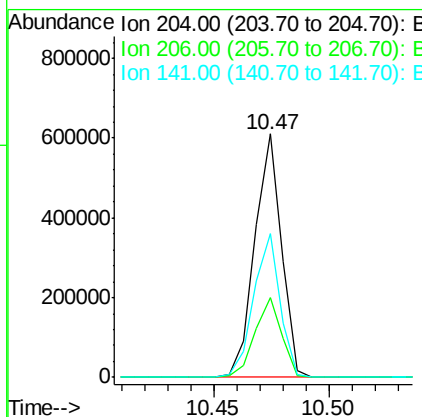
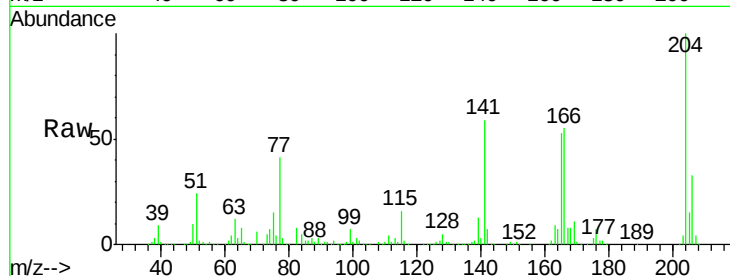




#61
 4-Chlorophenyl-phenylether
 Concen: 38.593 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

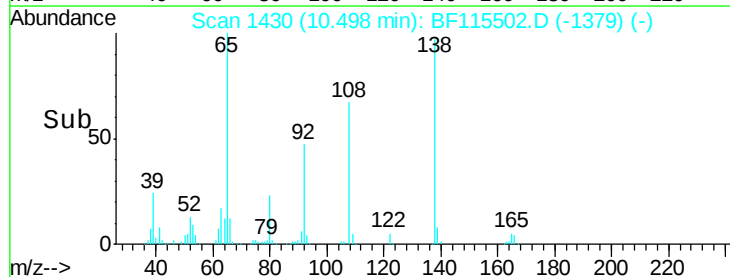
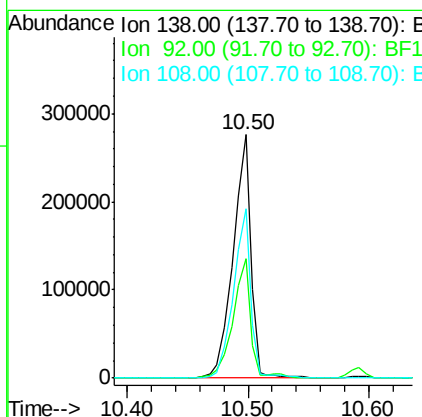
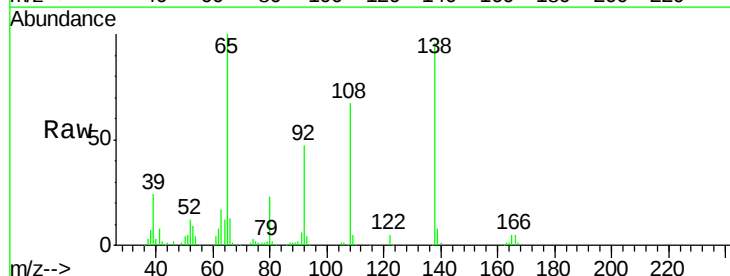
Instrument :
 BNA_F
 ClientSampleId :

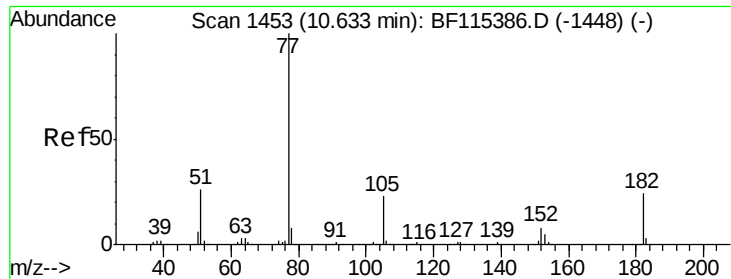
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	59.0	47.9	71.9



#62
 4-Nitroaniline
 Concen: 40.459 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.9	69.9
108	69.3	49.0	89.0

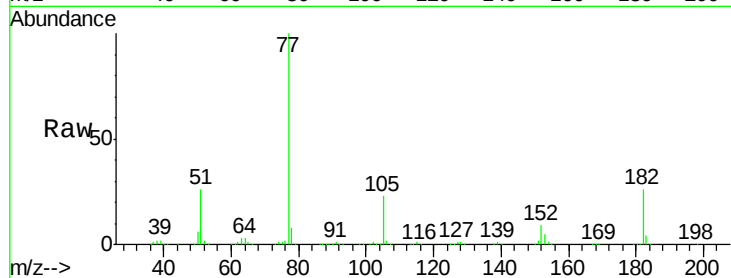




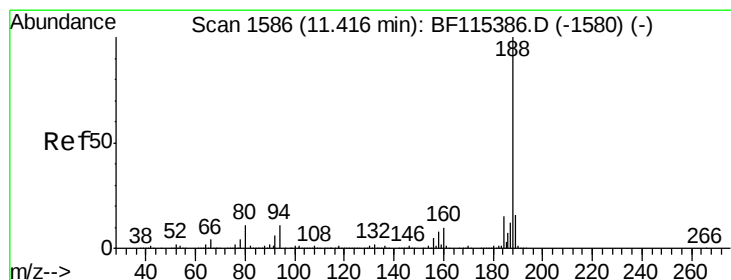
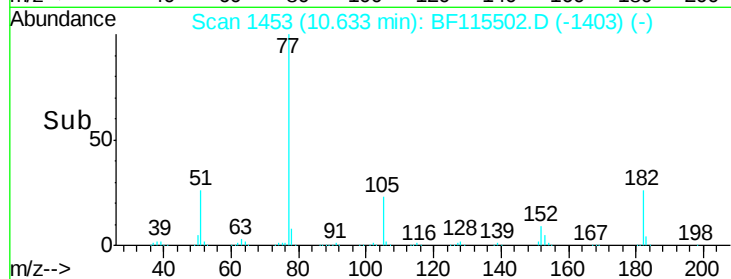
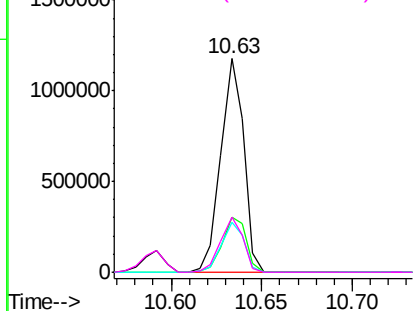
#63
Azobenzene
Concen: 35.717 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1039865
Ion Ratio Lower Upper
77 100
182 25.8 7.7 47.7
105 23.3 3.6 43.6
51 25.9 4.8 44.8

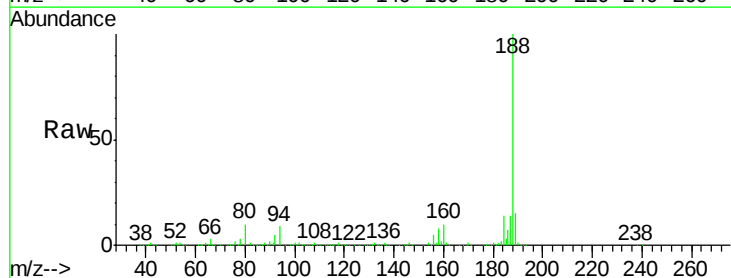


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

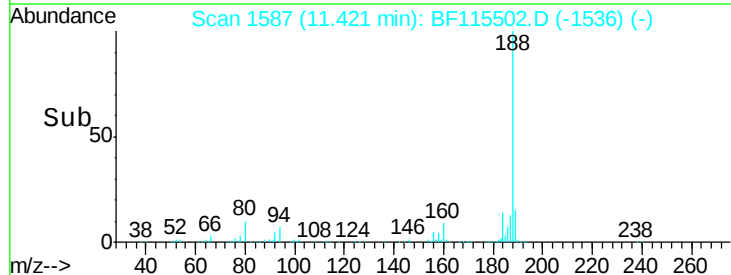
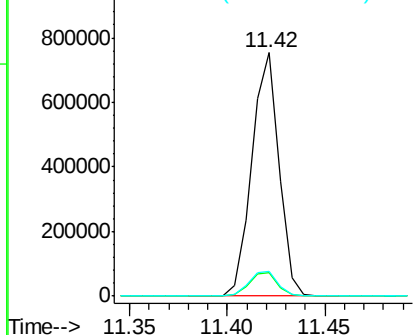


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion: 188 Resp: 725670
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.2 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

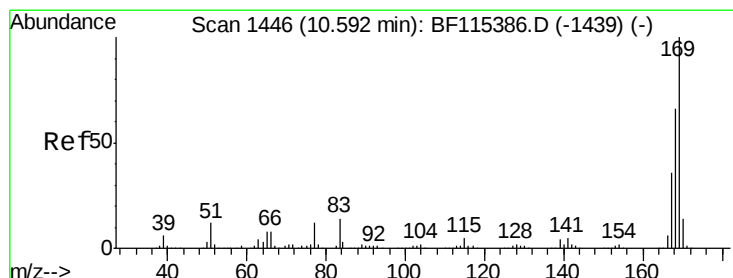
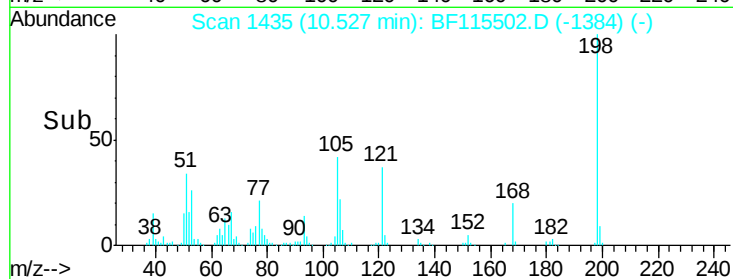
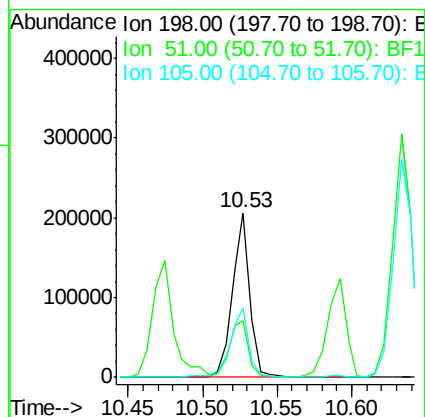
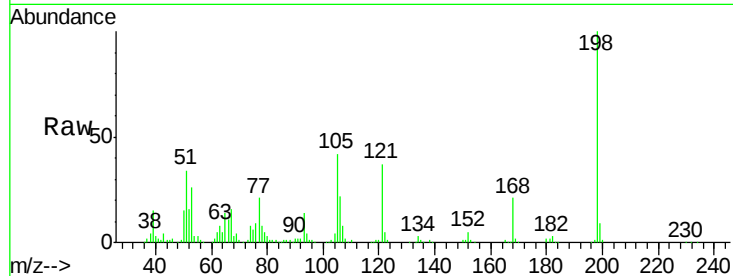




#65
4,6-Dinitro-2-methylphenol
Concen: 48.881 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

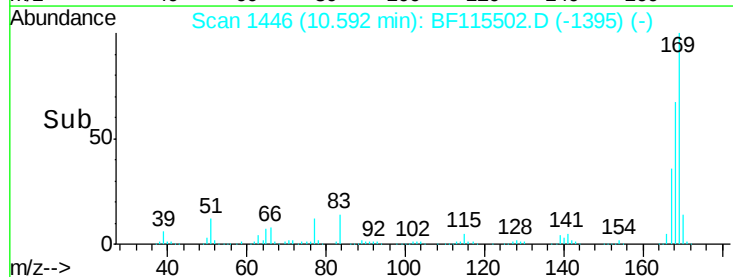
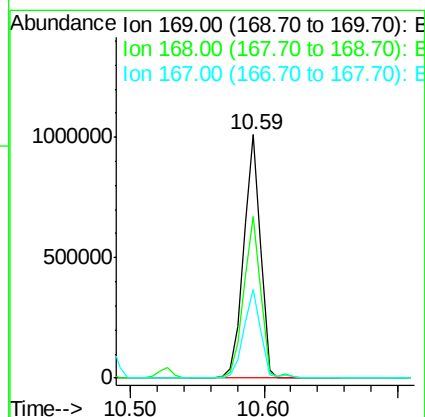
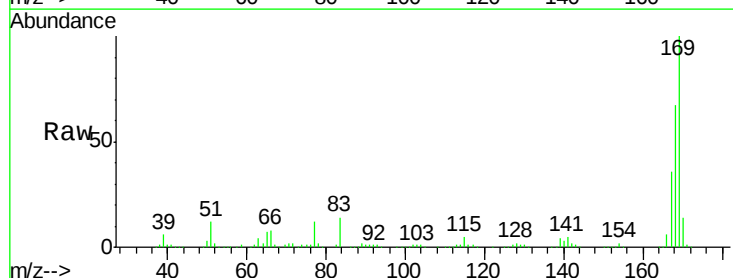
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 170436
Ion Ratio Lower Upper
198 100
51 34.1 20.7 60.7
105 41.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 38.481 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:169 Resp: 879844
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.4 29.4 44.2

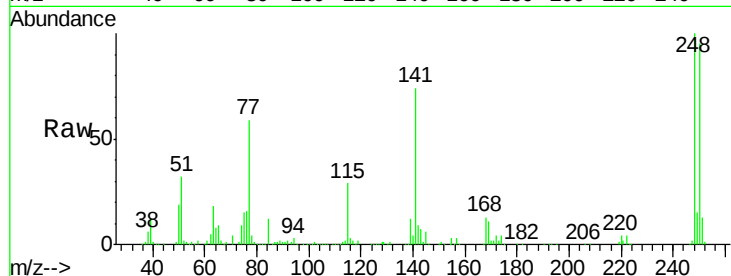




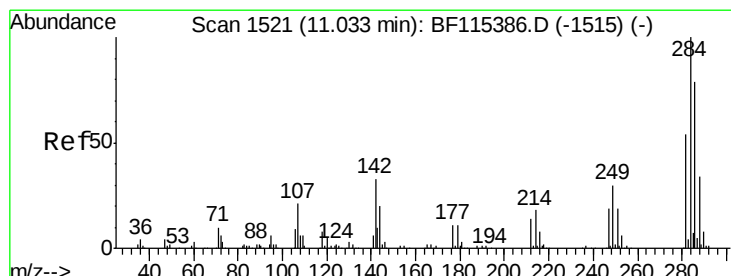
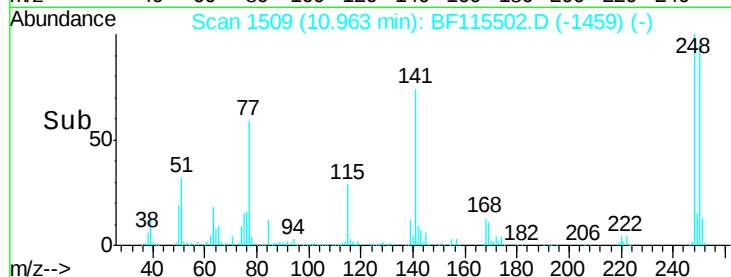
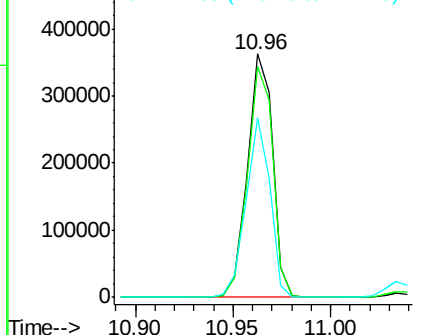
#67
4-Bromophenyl-phenylether
Concen: 39.935 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 325172
Ion Ratio Lower Upper
248 100
250 95.0 78.3 117.5
141 73.6 52.2 78.2

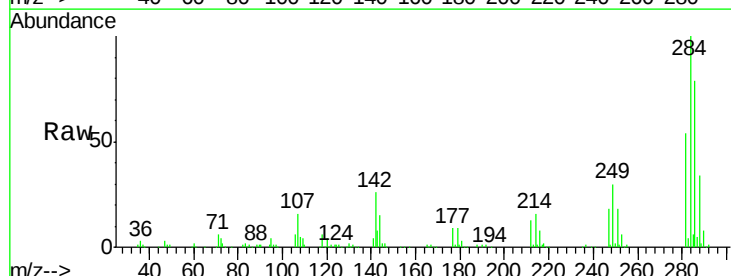


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

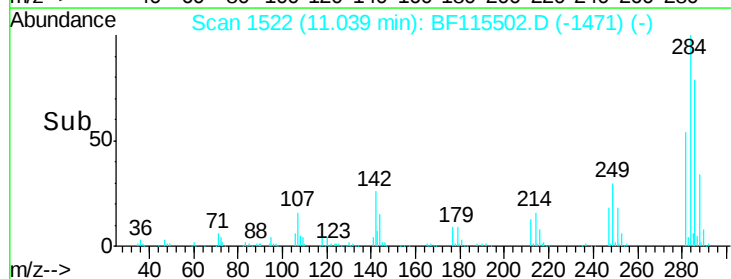
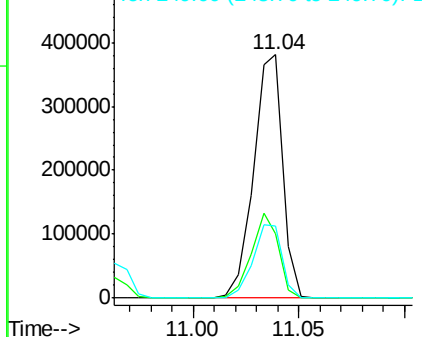


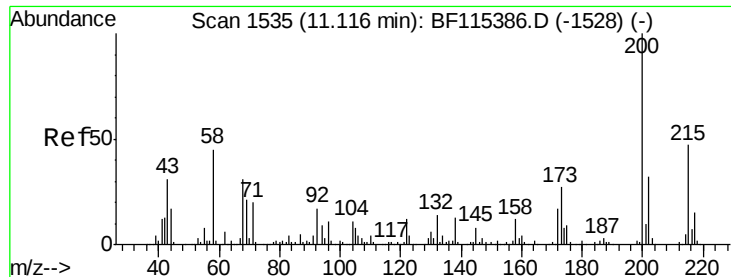
#68
Hexachlorobenzene
Concen: 39.941 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:284 Resp: 364941
Ion Ratio Lower Upper
284 100
142 26.3 23.9 35.9
249 29.6 23.6 35.4



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

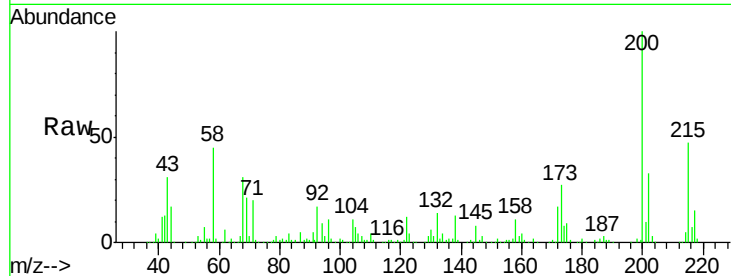




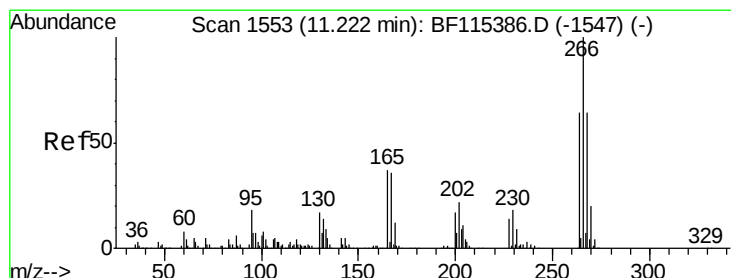
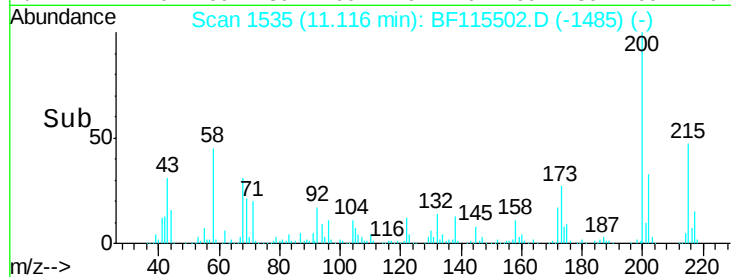
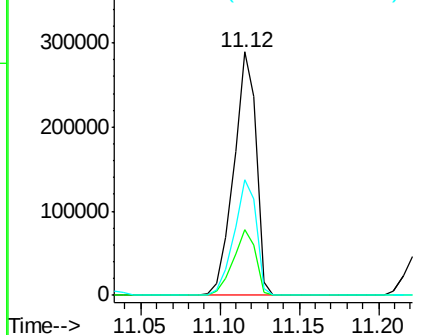
#69
 Atrazine
 Concen: 39.990 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.0	47.0
215	47.4	27.8	67.8

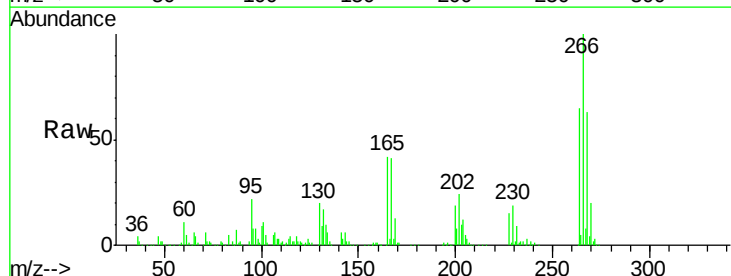


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

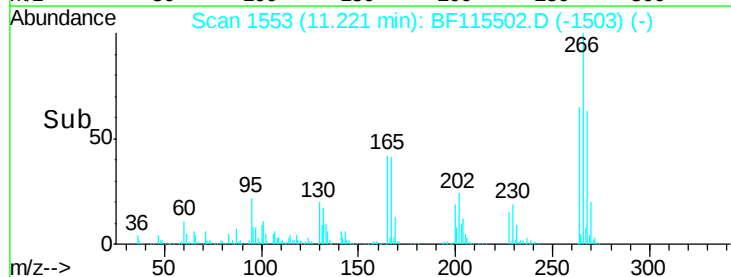
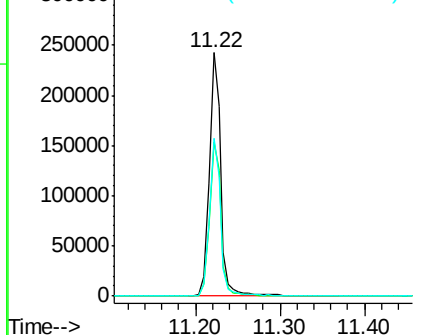


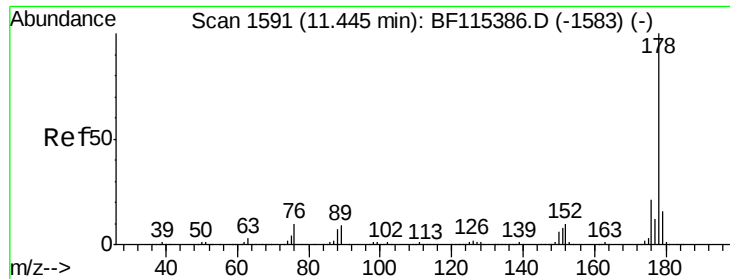
#70
 Pentachlorophenol
 Concen: 41.400 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.2	76.8
264	64.8	50.6	75.8



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

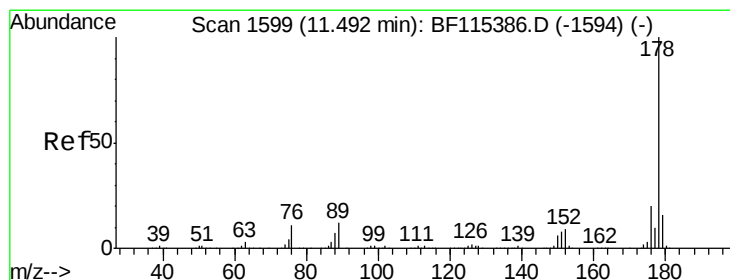
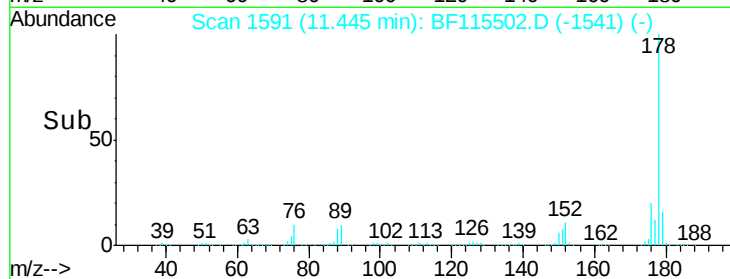
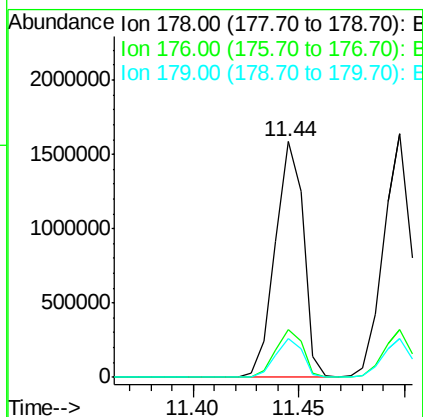
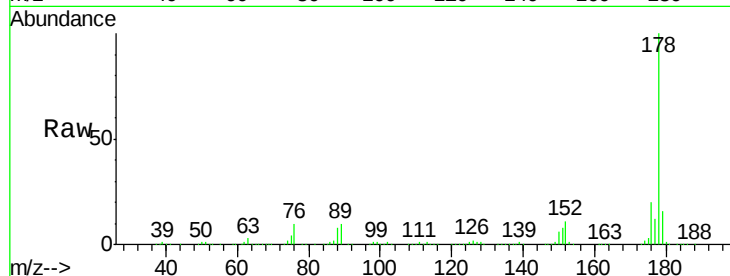




#71
Phenanthrene
Concen: 38.601 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

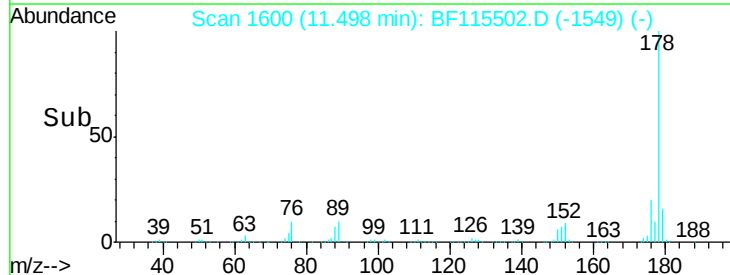
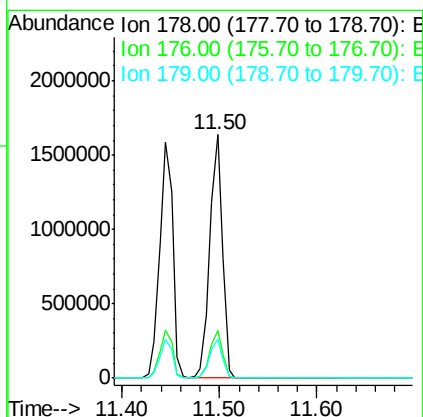
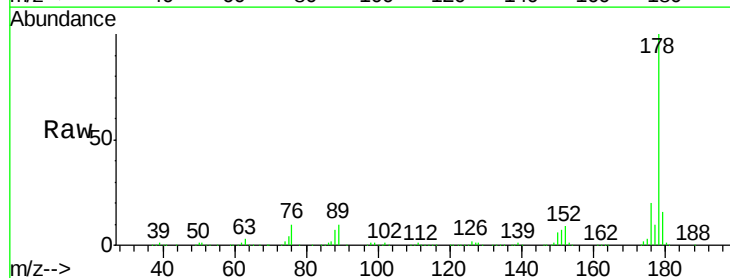
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1473203
Ion Ratio Lower Upper
178 100
176 20.1 16.6 24.8
179 16.4 12.7 19.1



#72
Anthracene
Concen: 38.680 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:178 Resp: 1480296
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.1 13.0 19.6

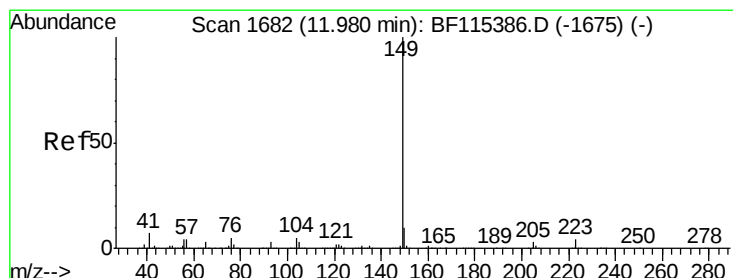
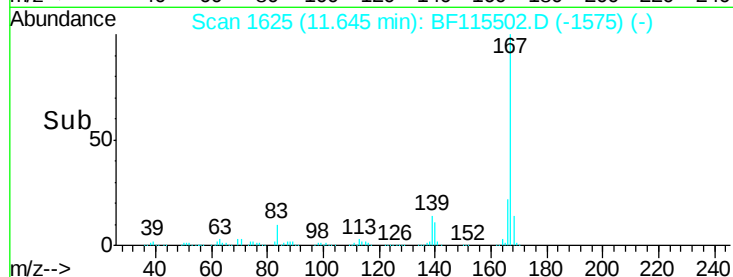
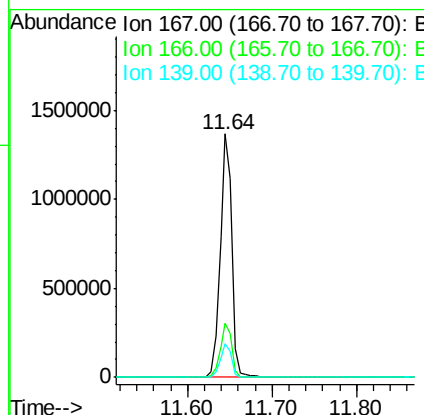
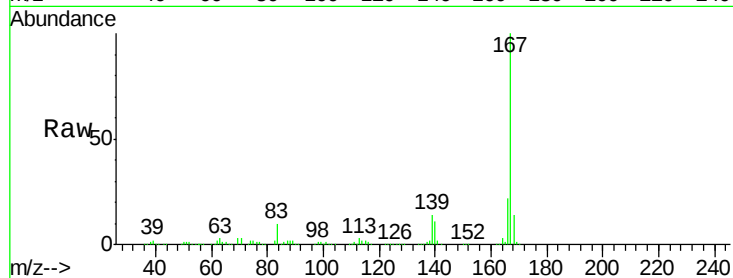




#73
 Carbazole
 Concen: 38.297 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

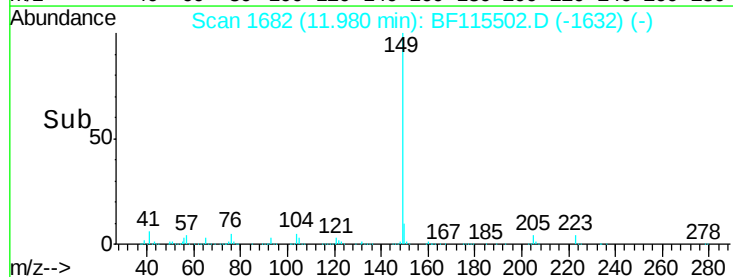
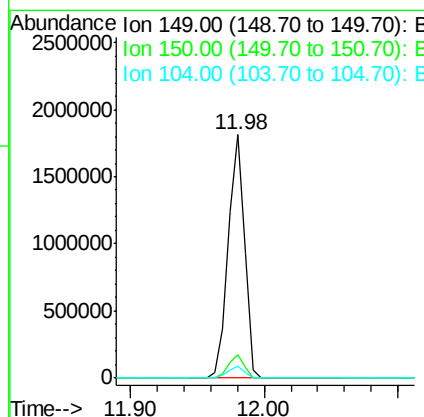
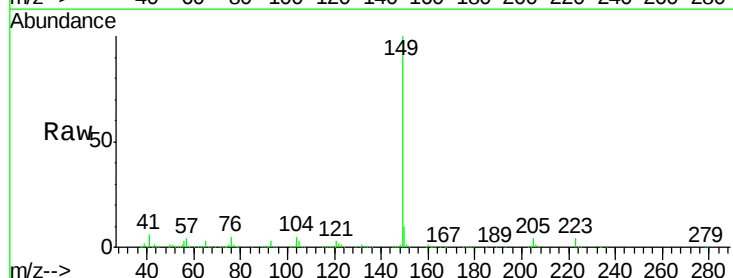
Instrument :
 BNA_F
 ClientSampleId :

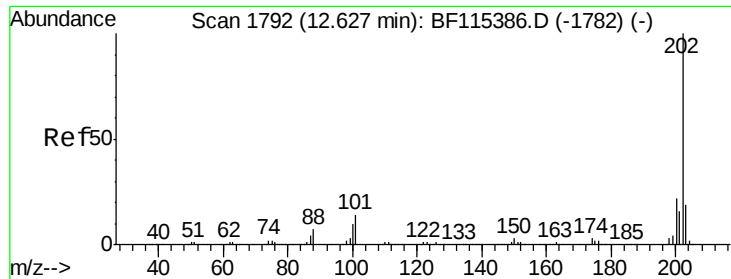
Tot Ion:167 Resp: 1340830
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.230 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion:149 Resp: 1575318
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.1 3.9 5.9

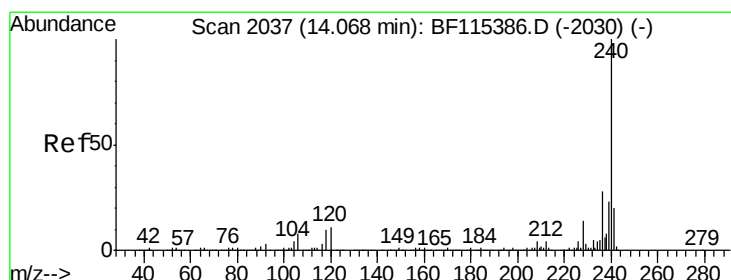
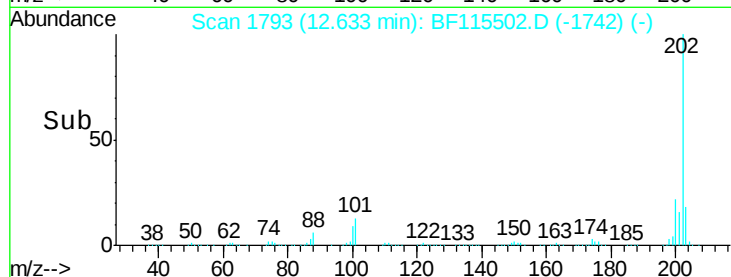
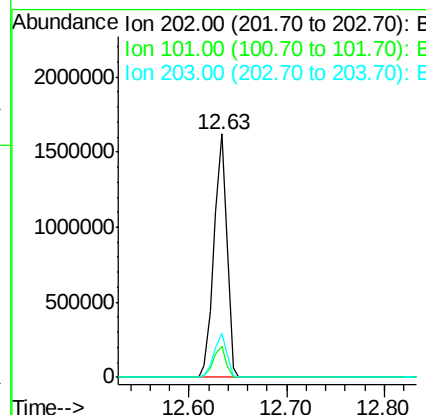
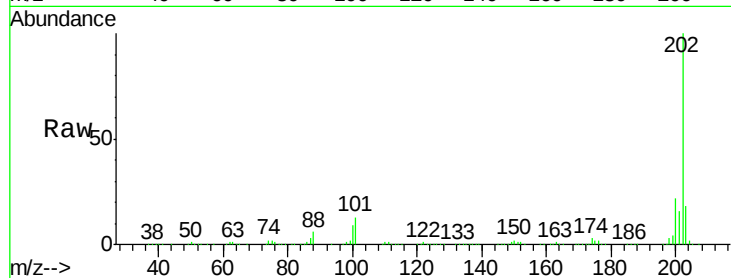




#75
 Fluoranthene
 Concen: 37.213 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

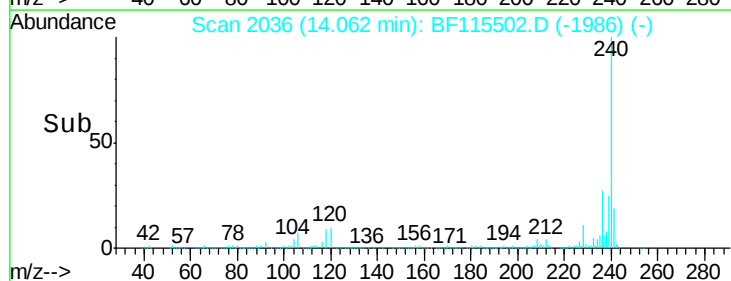
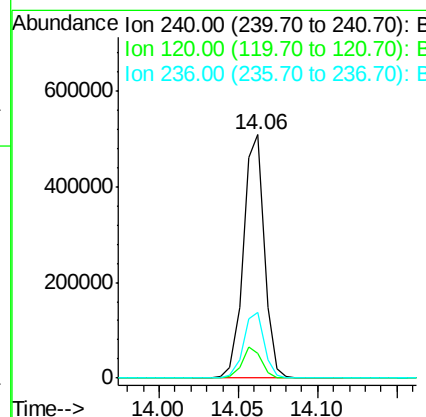
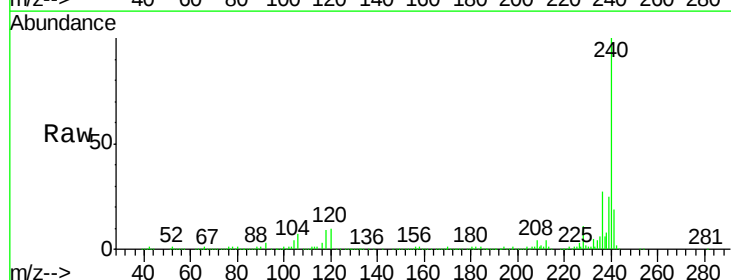
Instrument :
 BNA_F
 ClientSampleId :

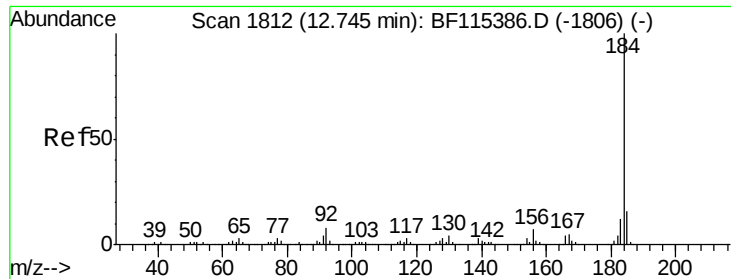
Tot Ion:202 Resp: 1495384
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 33.9
 203 17.9 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion:240 Resp: 465711
 Ion Ratio Lower Upper
 240 100
 120 10.0 10.2 15.4#
 236 27.1 21.1 31.7

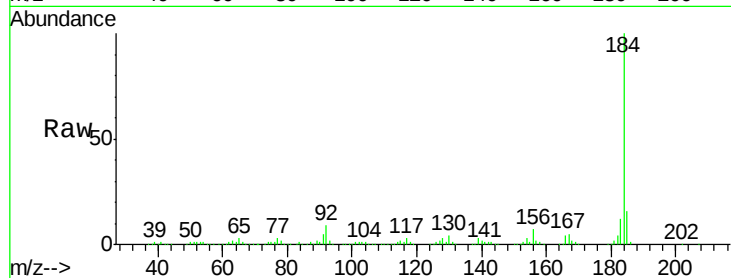




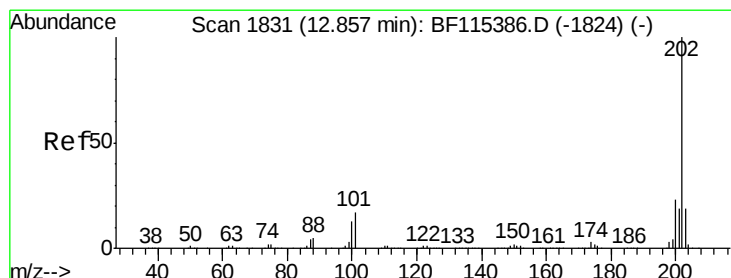
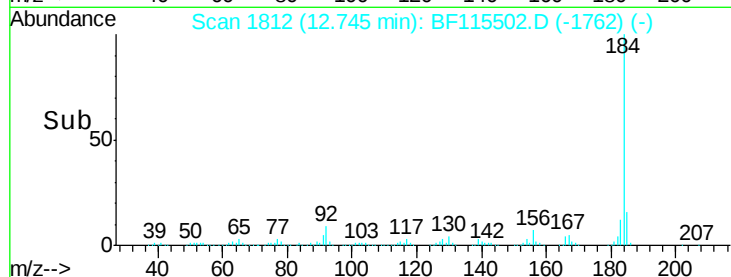
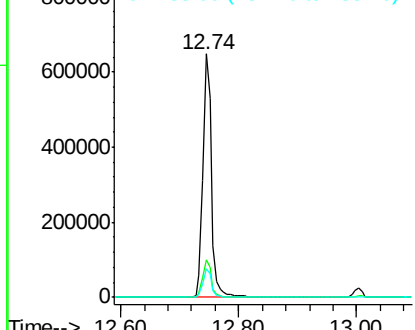
#77
Benzidine
Concen: 35.519 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 645062
Ion Ratio Lower Upper
184 100
185 15.6 13.0 19.6
183 11.6 9.7 14.5

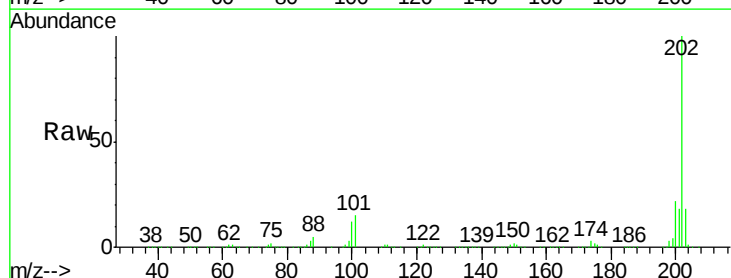


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

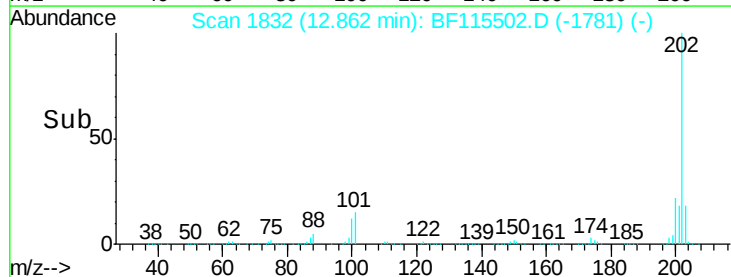
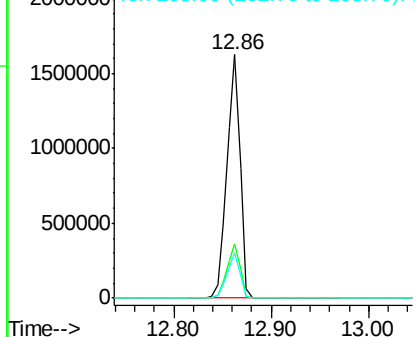


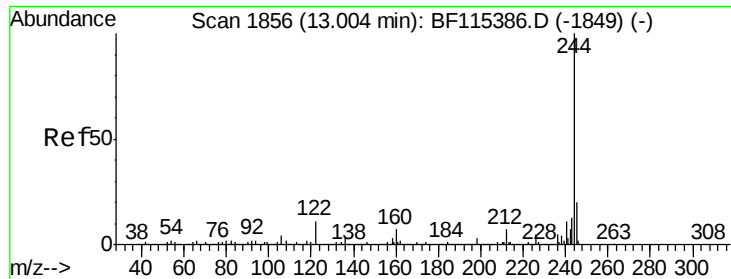
#78
Pyrene
Concen: 41.855 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:202 Resp: 1515818
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.4 14.7 22.1



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

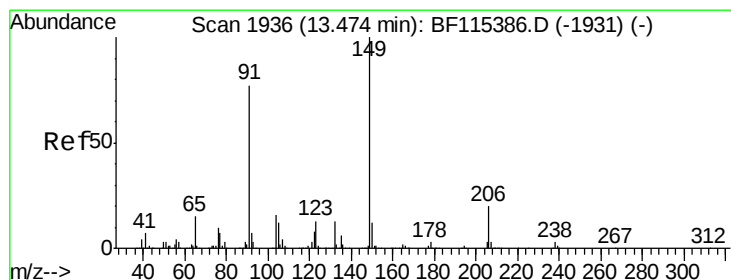
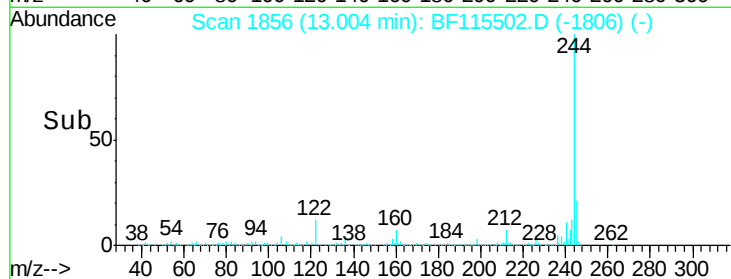
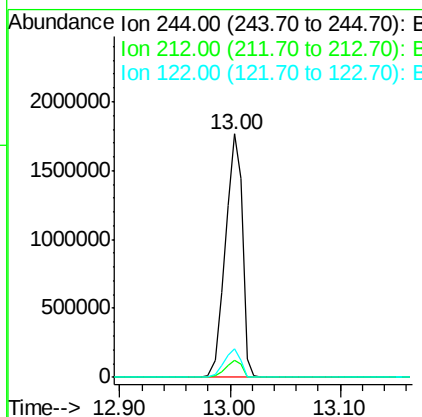
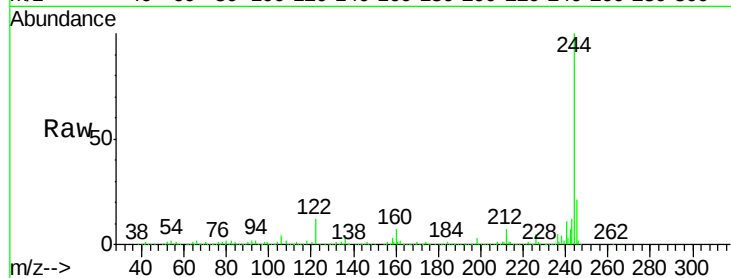




#79
 Terphenyl-d14
 Concen: 83.443 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

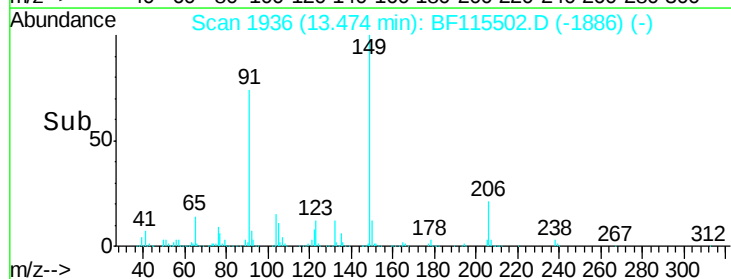
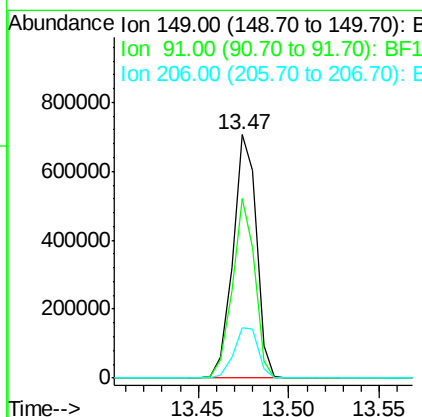
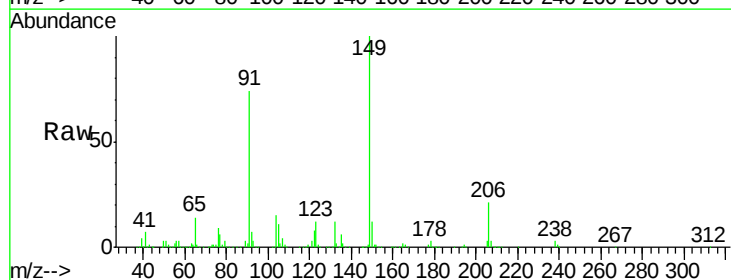
Instrument :
 BNA_F
 ClientSampleId :

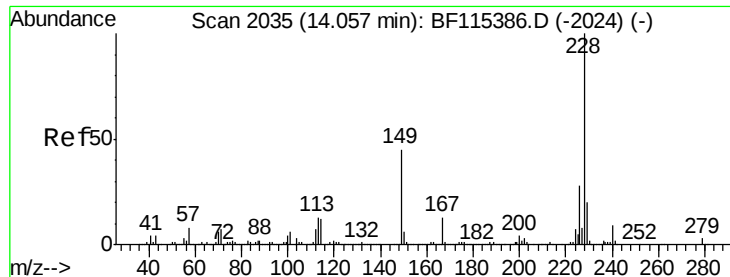
Tot Ion:244 Resp: 1897930
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.8 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 40.045 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115502.D
 Acq: 11 Jul 2019 18:51

Tgt Ion:149 Resp: 633652
 Ion Ratio Lower Upper
 149 100
 91 74.0 57.8 86.6
 206 20.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.516 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

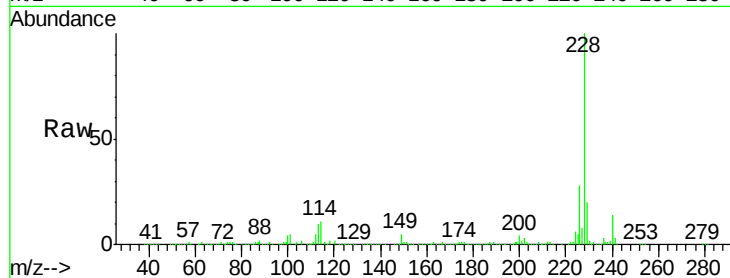
Tot Ion:228 Resp: 1208979

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

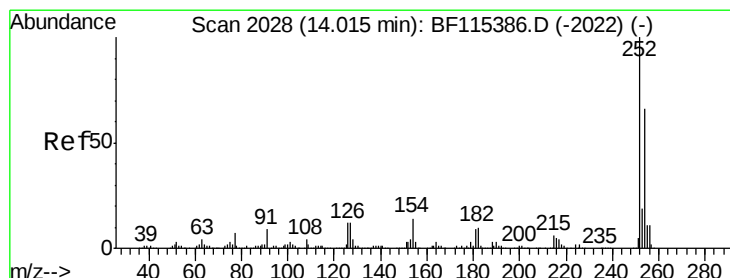
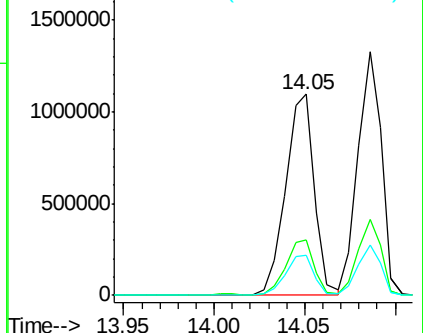
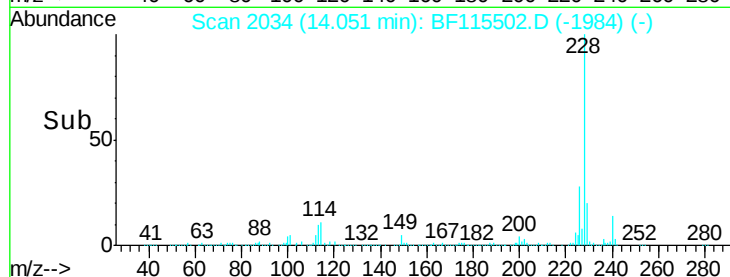
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.984 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

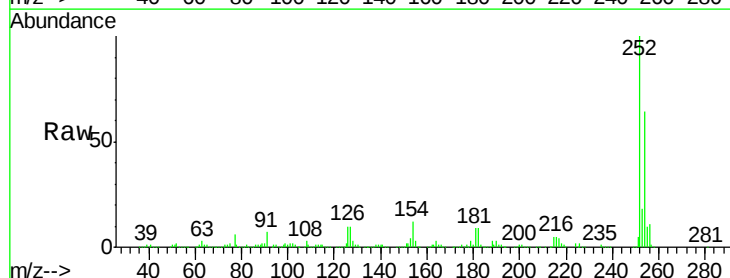
Tgt Ion:252 Resp: 443750

Ion Ratio Lower Upper

252 100

254 63.6 52.9 79.3

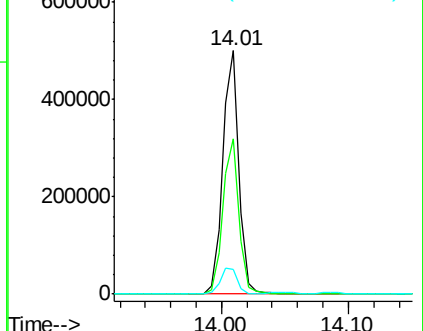
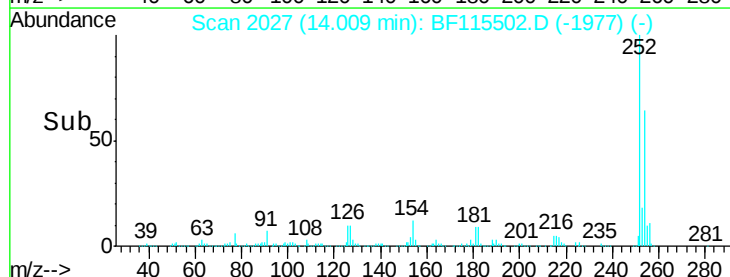
126 9.9 10.0 15.0#

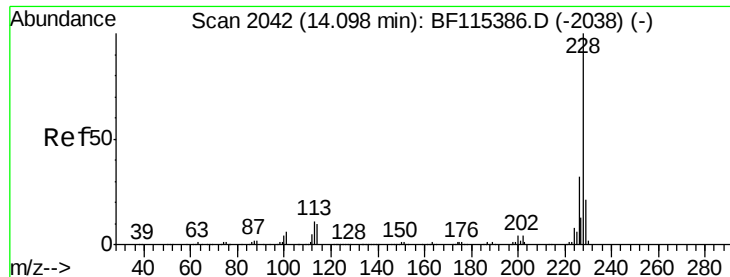


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.289 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

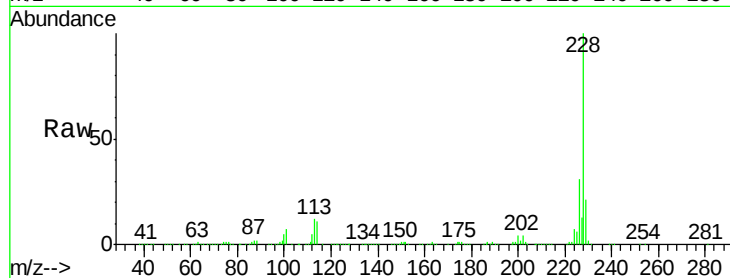
Tot Ion:228 Resp: 1204582

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

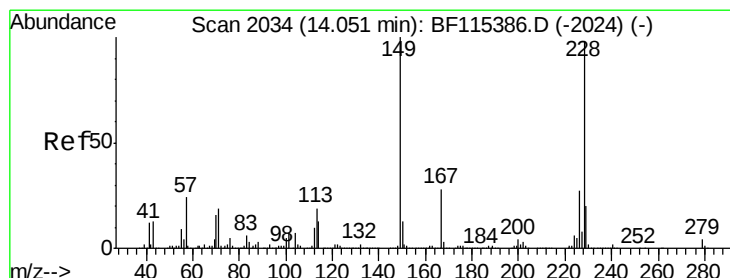
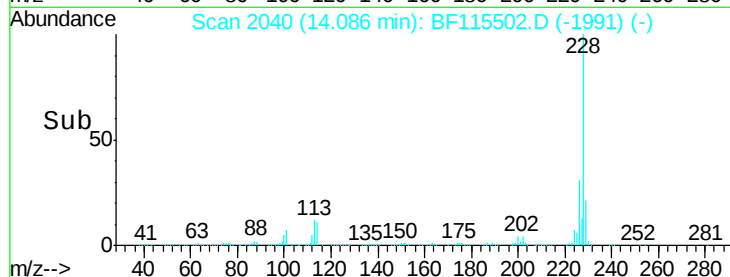
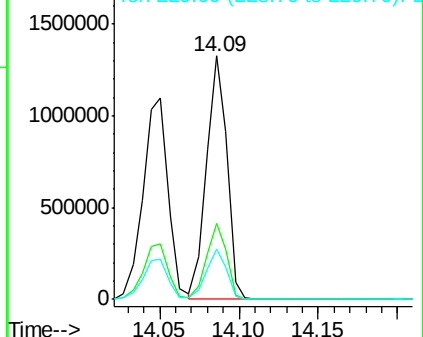
229 20.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.173 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

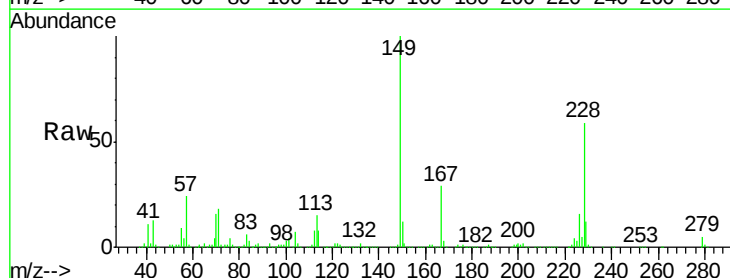
Tgt Ion:149 Resp: 767631

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

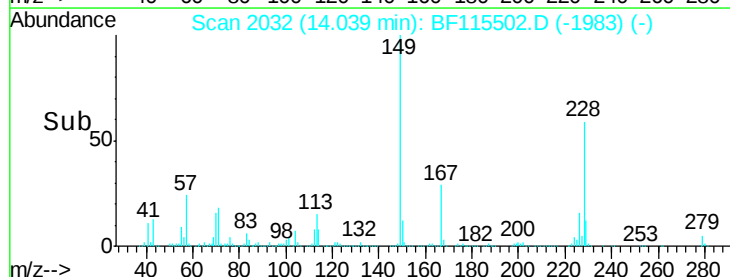
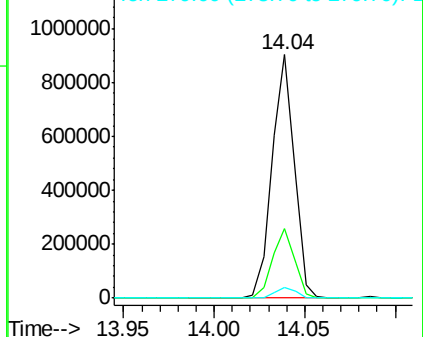
279 4.5 3.8 5.6

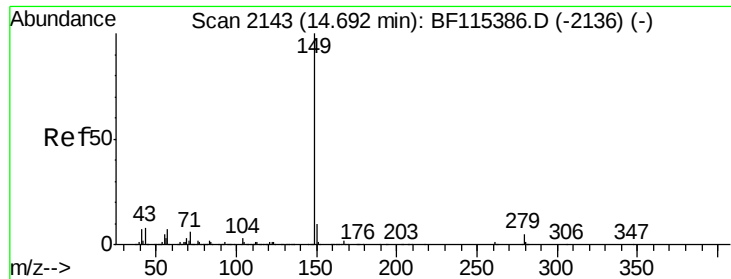


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.016 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

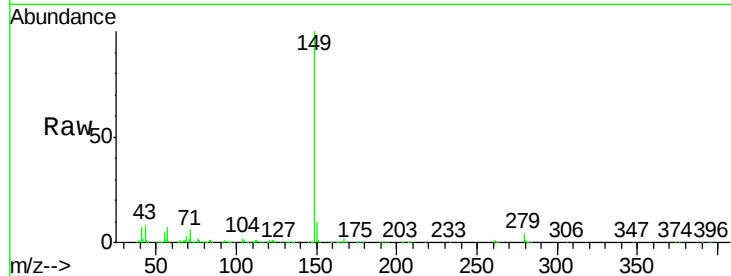
Tot Ion:149 Resp: 1291303

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

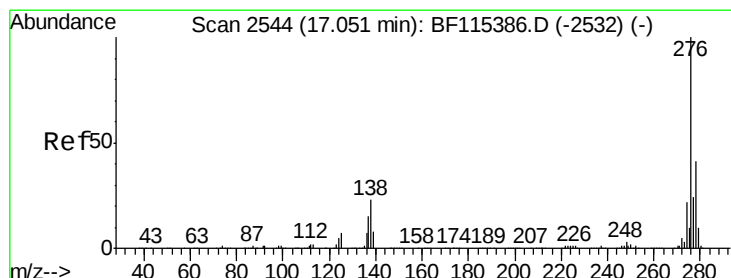
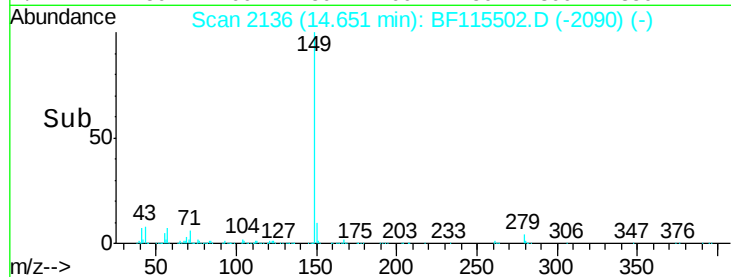
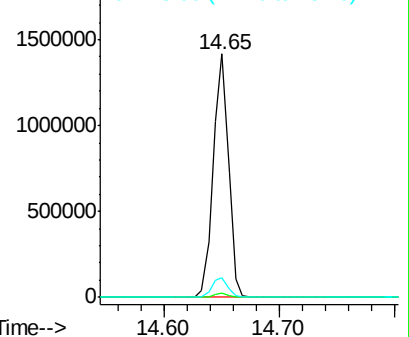
43 8.4 7.0 10.6



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: 48.569 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

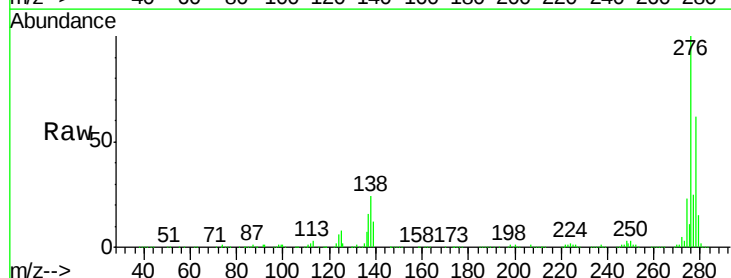
Tgt Ion:276 Resp: 1207874

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

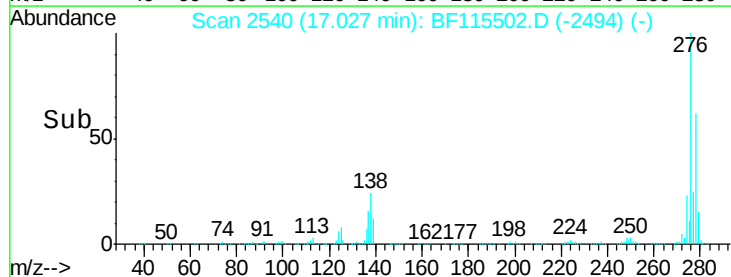
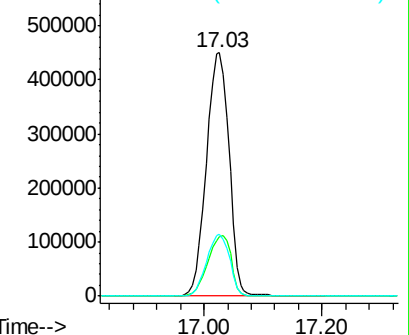
277 25.7 20.2 30.2

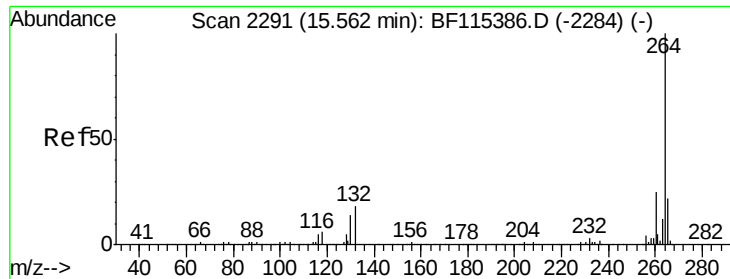


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.53 min Scan# 2286

Delta R.T. -0.03 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

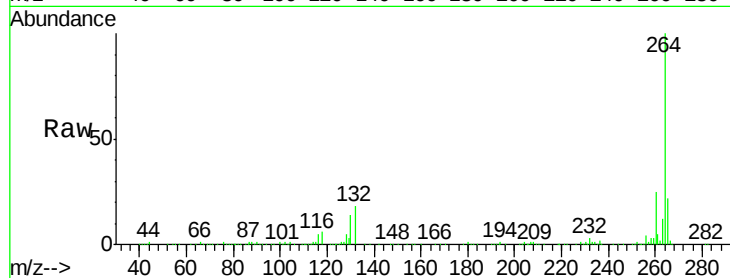
Tot Ion:264 Resp: 468325

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

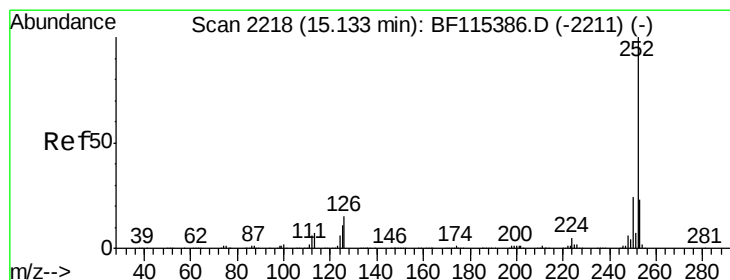
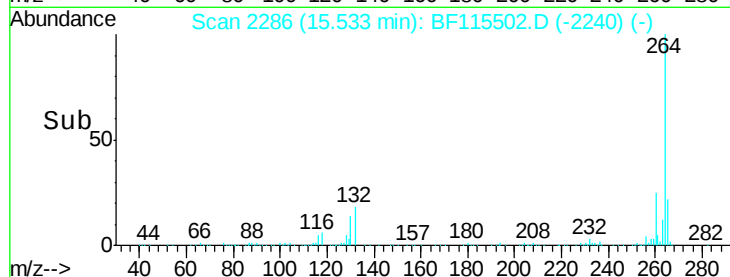
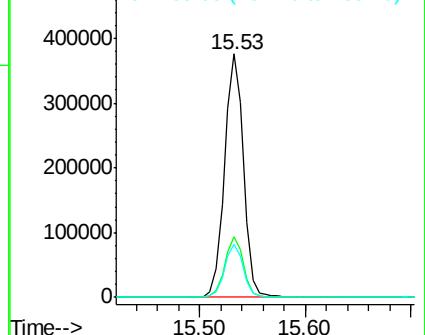
265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.592 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF115502.D

Acq: 11 Jul 2019 18:51

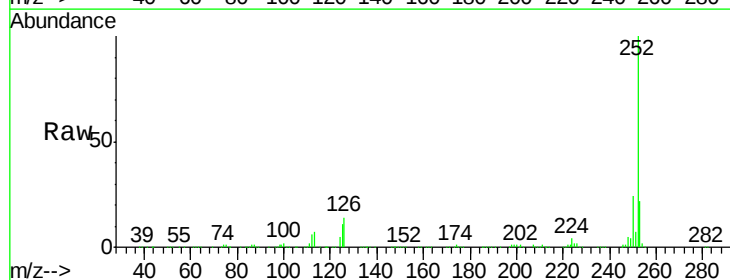
Tgt Ion:252 Resp: 1115774

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

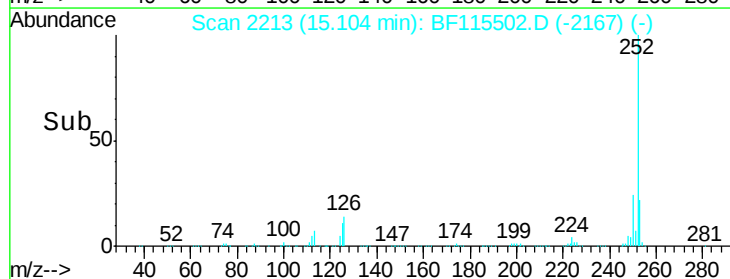
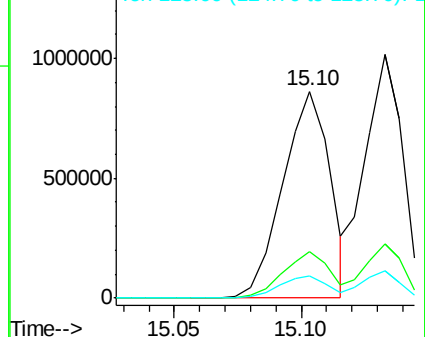
125 10.8 8.5 12.7

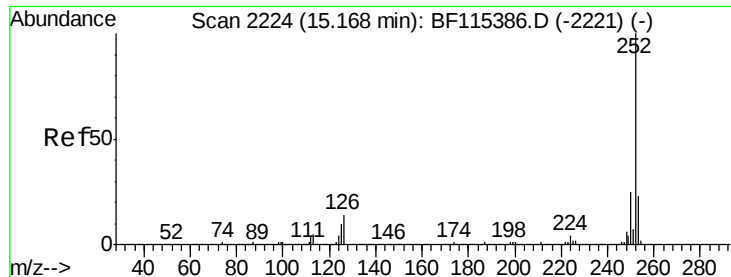


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

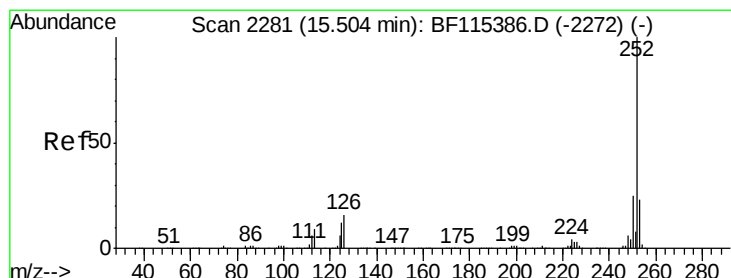
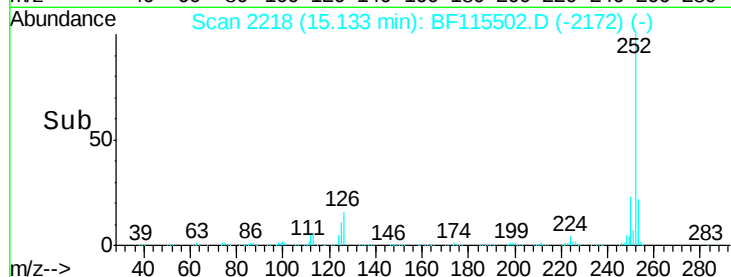
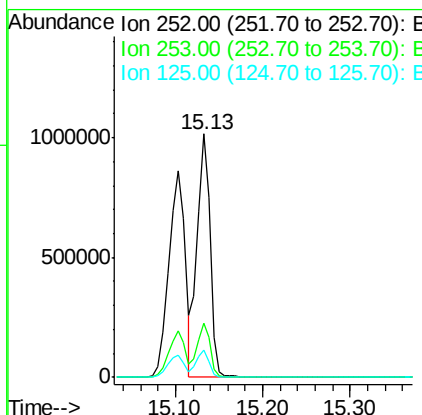
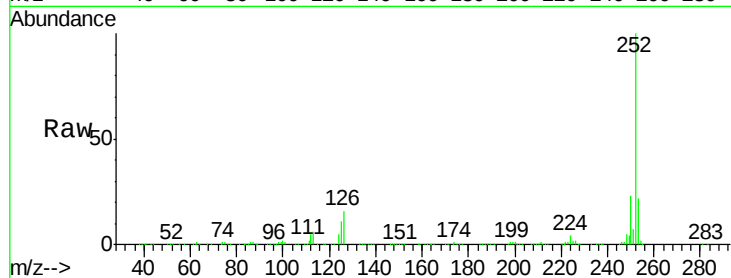




#89
Benzo(k)fluoranthene
Concen: 39.459 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

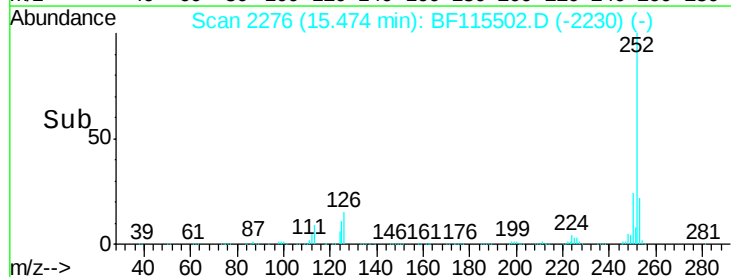
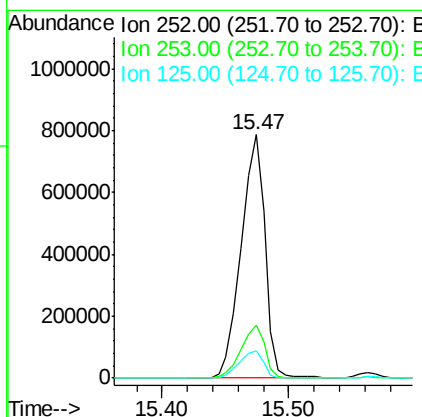
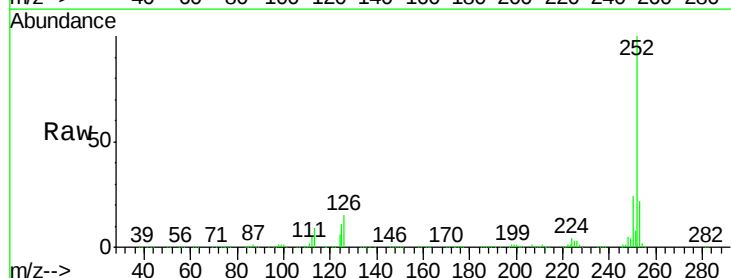
Instrument :
BNA_F
ClientSampleId :

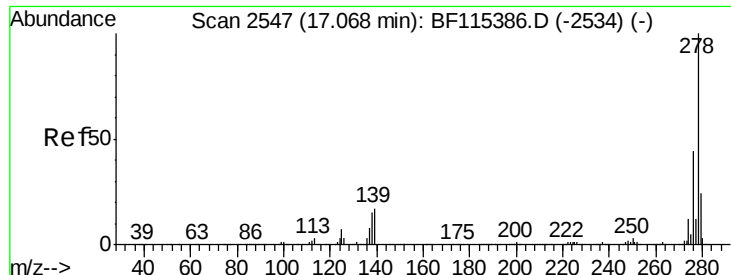
Tot Ion:252 Resp: 1070042
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.995 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:252 Resp: 1025545
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.3 9.7 14.5

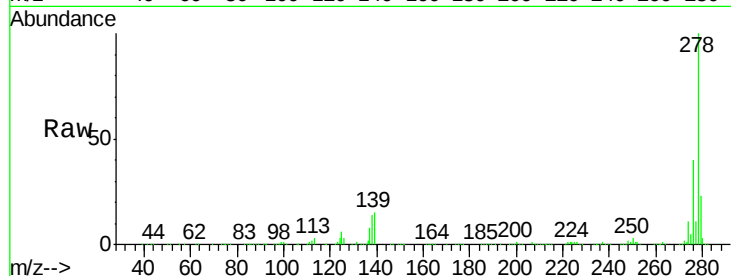




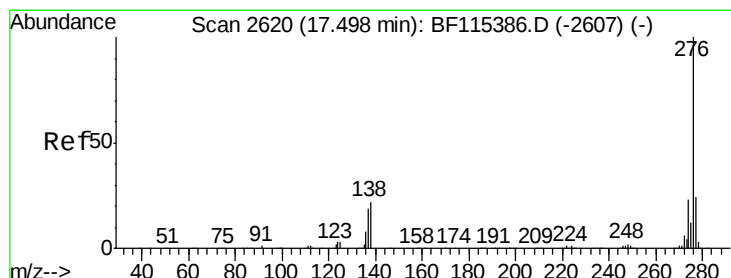
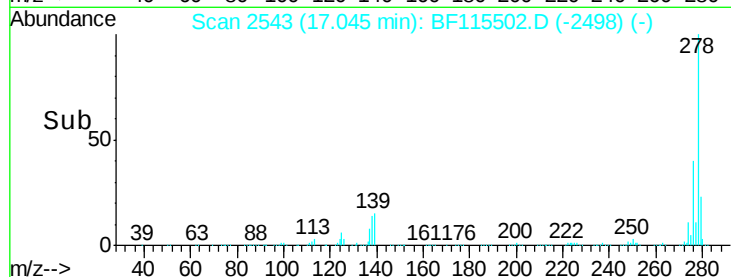
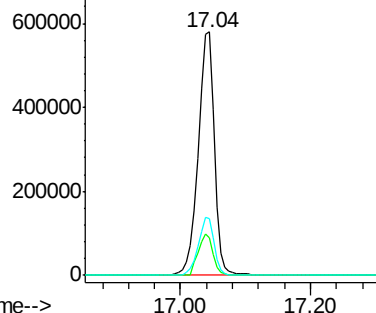
#91
Dibenzo(a,h)anthracene
Concen: 44.607 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1002489
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.6
279 23.1 19.4 29.2

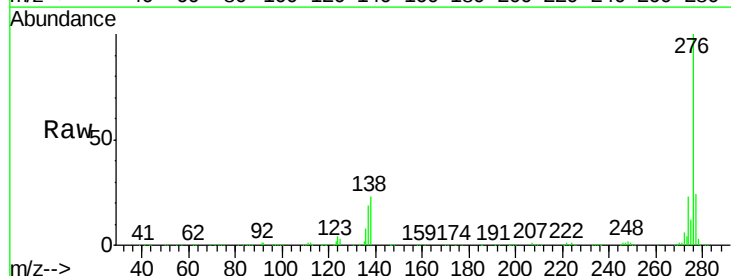


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.982 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115502.D
Acq: 11 Jul 2019 18:51

Tgt Ion:276 Resp: 999380
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 22.6 17.8 26.8



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

