

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104497.D
 Acq On : 13 Apr 2018 23:35
 Operator : JU/SJ
 Sample : PB108229BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:14:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139529	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	554211	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	237077	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	356755	20.00	ng	0.00
75) Chrysene-d12	13.99	240	242279	20.00	ng	0.00
86) Perylene-d12	15.45	264	183972	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	898644	98.48	ng	0.02
7) Phenol-d6	6.46	99	1100267	98.13	ng	0.01
23) Nitrobenzene-d5	7.38	82	687458	81.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	230080	93.56	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1177439	78.46	ng	0.00
78) Terphenyl-d14	12.93	244	866743	81.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	121210	28.507	ng	89
3) Pyridine	3.35	79	354970	29.693	ng	88
4) n-Nitrosodimethylamine	3.31	42	142063	33.995	ng	83
6) Aniline	6.47	93	166697	10.702	ng	# 1
8) 2-Chlorophenol	6.60	128	344551	35.774	ng	93
9) Benzaldehyde	6.36	77	162301	25.298	ng	95
10) Phenol	6.47	94	401859	33.780	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	319399	33.645	ng	95
12) 1,3-Dichlorobenzene	6.75	146	363205	33.287	ng	98
13) 1,4-Dichlorobenzene	6.83	146	365407	33.596	ng	99
14) 1,2-Dichlorobenzene	6.98	146	335596	33.295	ng	99
15) Benzyl Alcohol	6.96	79	282032	33.119	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	395300	31.006	ng	80
17) 2-Methylphenol	7.07	107	285877	34.146	ng	93
18) Hexachloroethane	7.32	117	118529	30.565	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	227040	30.989	ng	96
20) 3+4-Methylphenols	7.23	107	347560	33.473	ng	# 76
22) Acetophenone	7.22	105	451986	33.126	ng	98
24) Nitrobenzene	7.40	77	351461	37.507	ng	98
25) Isophorone	7.63	82	636140	35.444	ng	98
26) 2-Nitrophenol	7.71	139	166937	43.760	ng	98
27) 2,4-Dimethylphenol	7.75	122	302496	38.189	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	406974	37.087	ng	99
29) 2,4-Dichlorophenol	7.96	162	275703	36.480	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	287936	34.715	ng	99
31) Naphthalene	8.12	128	953999	34.569	ng	100
32) Benzoic acid	7.87	122	127597	20.189	ng	97
33) 4-Chloroaniline	8.17	127	74976	6.342	ng	96
34) Hexachlorobutadiene	8.23	225	158061	34.791	ng	99
35) Caprolactam	8.55	113	86571	32.835	ng	# 78
36) 4-Chloro-3-methylphenol	8.66	107	289039	35.667	ng	99
37) 2-Methylnaphthalene	8.81	142	625690	35.051	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262657	38.703	ng	99
40) Hexachlorocyclopentadiene	8.96	237	64375	16.944	ng	98

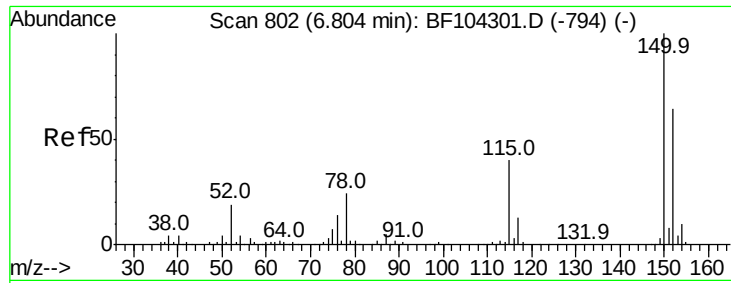
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104497.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	178906	37.975	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	185531	35.193	ng	98
45) 1,1'-Biphenyl	9.27	154	713833	35.842	ng	99
46) 2-Chloronaphthalene	9.30	162	562592	35.763	ng	99
47) 2-Nitroaniline	9.40	65	173495	44.597	ng	98
48) Acenaphthylene	9.72	152	835269	33.842	ng	100
49) Dimethylphthalate	9.57	163	686638	36.728	ng	100
50) 2,6-Dinitrotoluene	9.64	165	145037	41.926	ng	98
51) Acenaphthene	9.89	154	483869	32.131	ng	99
52) 3-Nitroaniline	9.81	138	81468	20.116	ng	# 92
53) 2,4-Dinitrophenol	9.92	184	17876	21.853	ng	# 24
54) Dibenzofuran	10.06	168	735591	35.051	ng	99
55) 4-Nitrophenol	9.98	139	196229	61.682	ng	98
56) 2,4-Dinitrotoluene	10.05	165	175483	38.672	ng	93
57) Fluorene	10.40	166	535563	35.060	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	133580	33.964	ng	94
59) Diethylphthalate	10.27	149	646557	34.725	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	260775	38.333	ng	99
61) 4-Nitroaniline	10.43	138	131258	33.147	ng	94
62) Azobenzene	10.56	77	570776	32.087	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	17504	15.879	ng	80
65) n-Nitrosodiphenylamine	10.52	169	497126	40.189	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	153277	40.392	ng	90
67) Hexachlorobenzene	10.95	284	162467	38.050	ng	# 89
68) Atrazine	11.04	200	151289	40.520	ng	98
69) Pentachlorophenol	11.14	266	131896	49.931	ng	97
70) Phenanthrene	11.37	178	708723	35.673	ng	98
71) Anthracene	11.42	178	720395	35.671	ng	98
72) Carbazole	11.57	167	634204	32.137	ng	100
73) Di-n-butylphthalate	11.90	149	878677	36.449	ng	99
74) Fluoranthene	12.56	202	648555	31.244	ng	98
76) Benzidine	12.68	184	315367	37.801	ng	97
77) Pyrene	12.79	202	650290	36.211	ng	99
79) Butylbenzylphthalate	13.40	149	312581	36.946	ng	98
80) Benzo(a)anthracene	13.98	228	554570	38.315	ng	98
81) 3,3'-Dichlorobenzidine	13.94	252	189147	35.049	ng	98
82) Chrysene	14.02	228	535103	35.993	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	430485	39.558	ng	100
84) Di-n-octyl phthalate	14.58	149	710323	39.064	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.91	276	384952	30.481	ng	97
87) Benzo(b)fluoranthene	15.03	252	446768	38.450	ng	99
88) Benzo(k)fluoranthene	15.06	252	444264	40.499	ng	99
89) Benzo(a)pyrene	15.39	252	393670	37.866	ng	99
90) Dibenzo(a,h)anthracene	16.93	278	323074	37.837	ng	98
91) Benzo(g,h,i)perylene	17.35	276	316242	38.228	ng	96

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

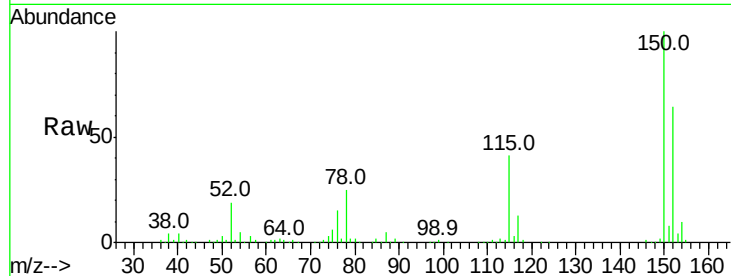


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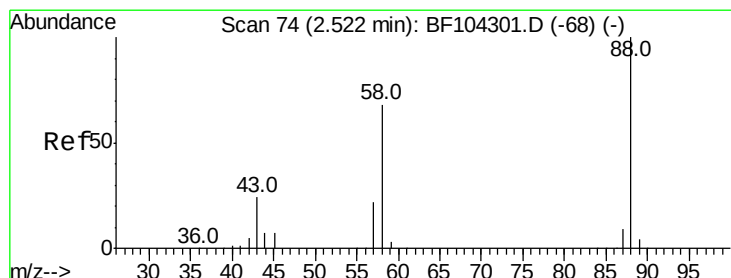
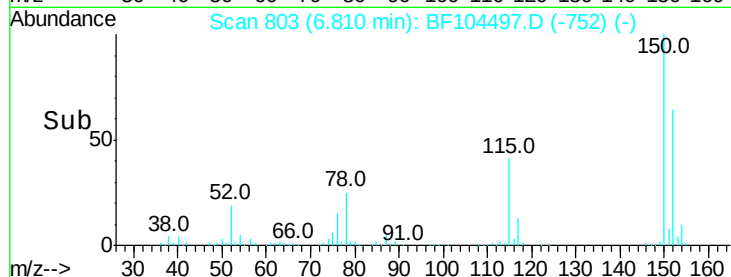
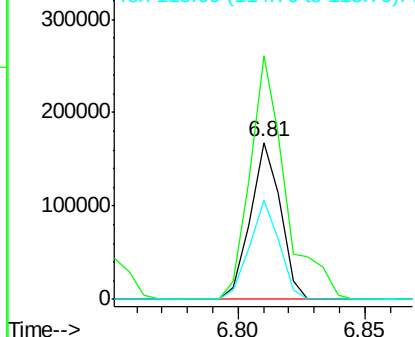
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139529
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 63.2 50.1 75.1



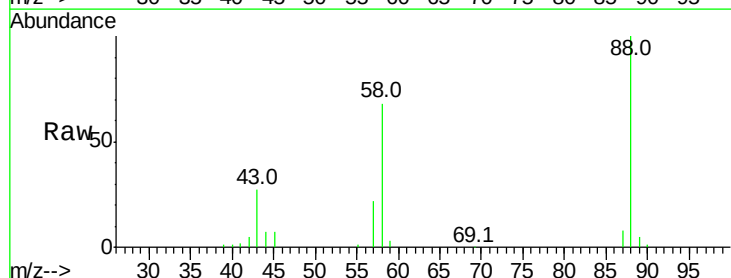
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



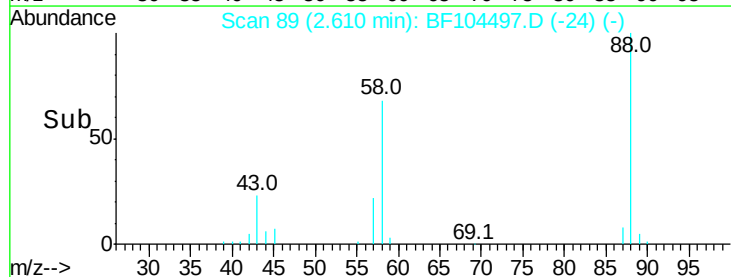
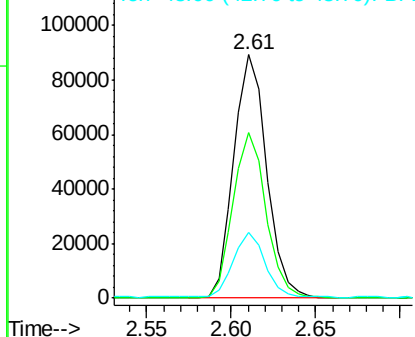
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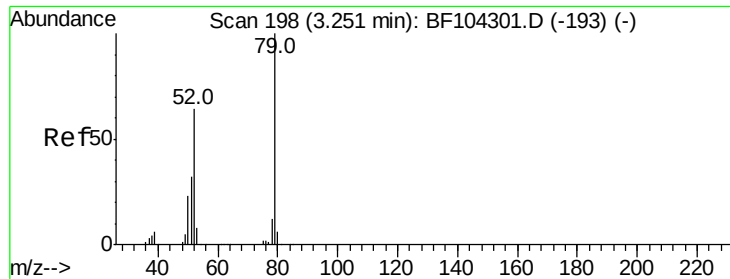
1,4-Dioxane
Concen: 28.507 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion: 88 Resp: 121210
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 25.8 24.6 37.0



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: 29.693 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.08 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

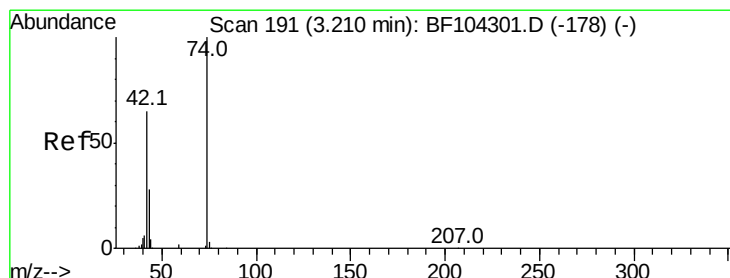
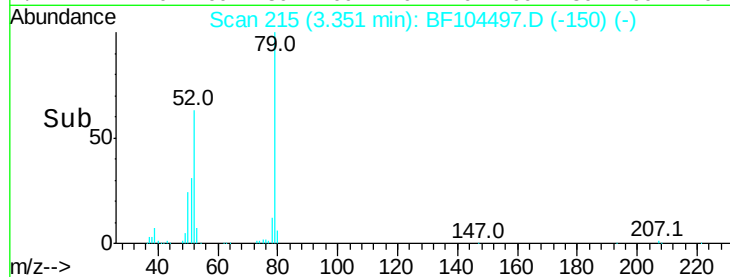
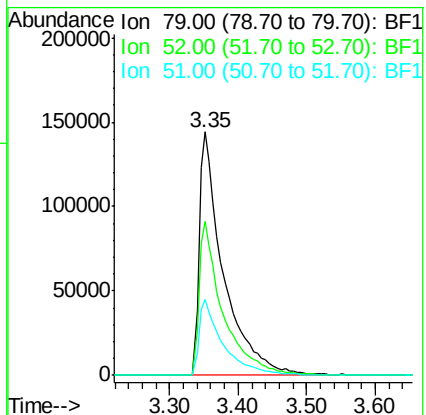
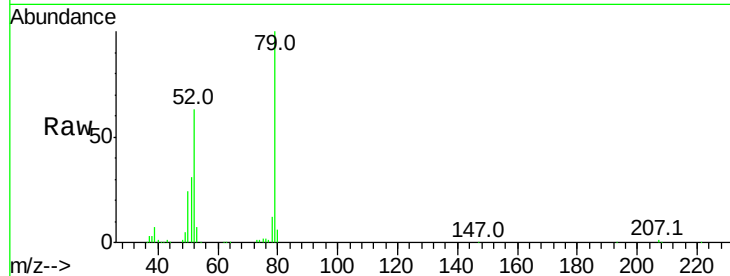
Tot Ion: 79 Resp: 354970

Ion Ratio Lower Upper

79 100

52 63.2 59.8 89.6

51 31.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.995 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

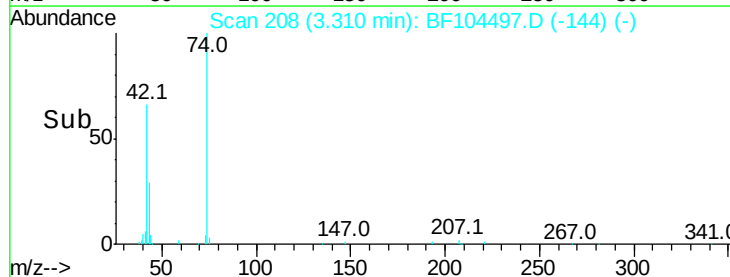
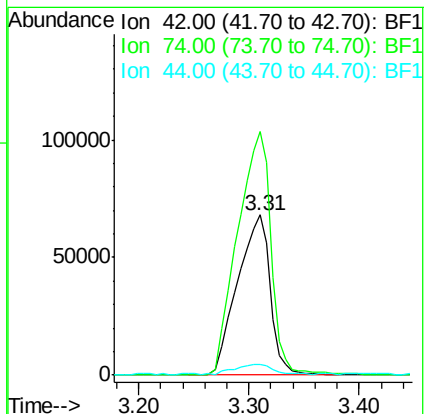
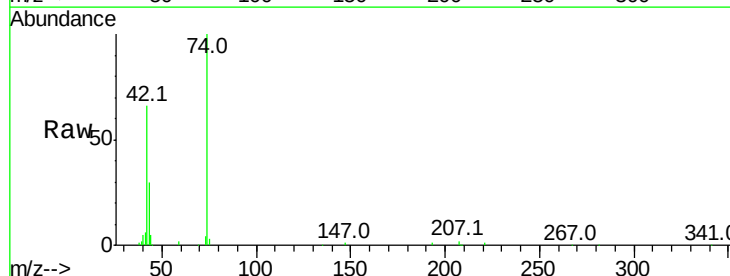
Tgt Ion: 42 Resp: 142063

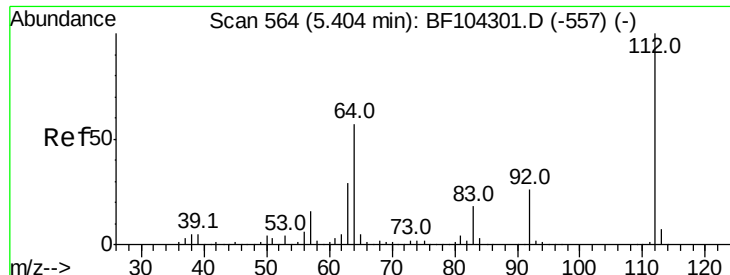
Ion Ratio Lower Upper

42 100

74 151.9 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 98.480 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampled :

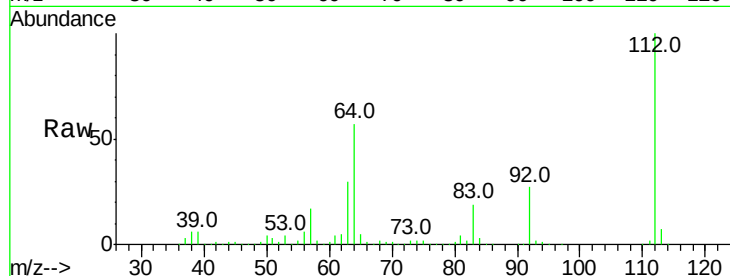
Tot Ion:112 Resp: 898644

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

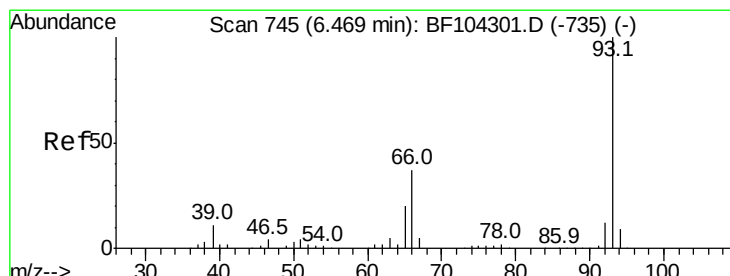
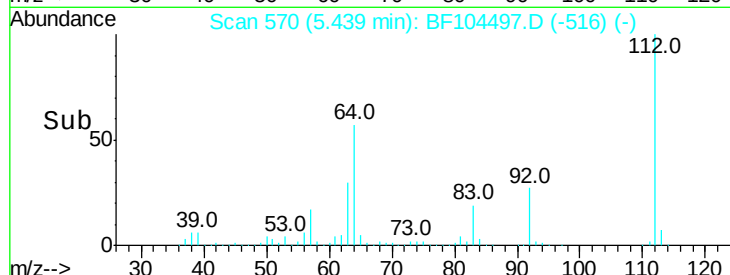
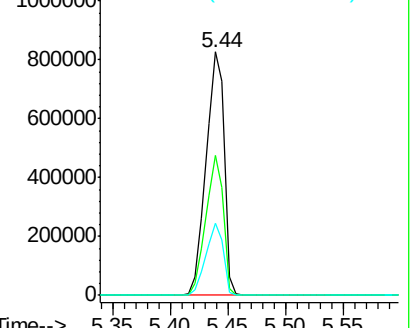
63 29.5 23.7 35.5



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: 10.702 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

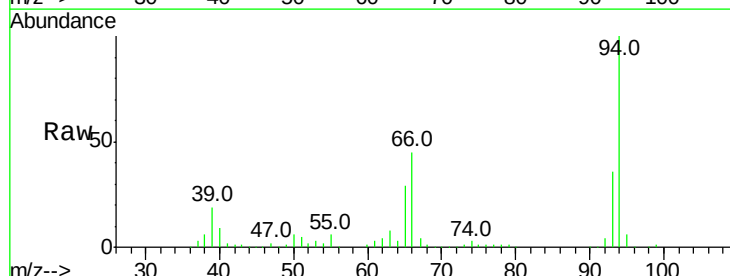
Tgt Ion: 93 Resp: 166697

Ion Ratio Lower Upper

93 100

66 124.4 32.2 48.2#

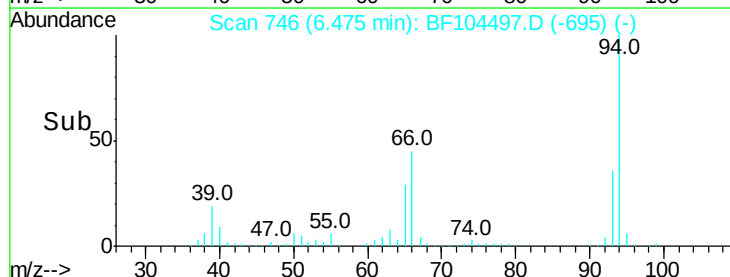
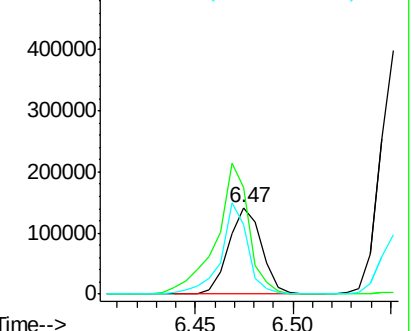
65 80.5 16.4 24.6#

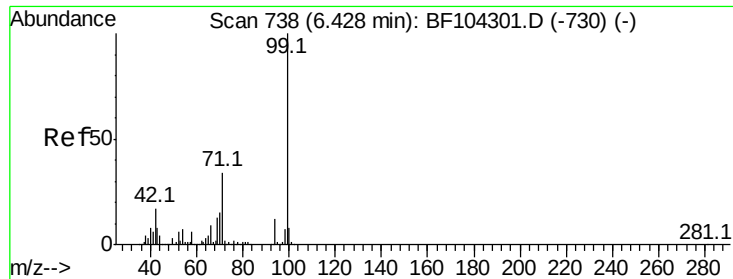


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.134 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

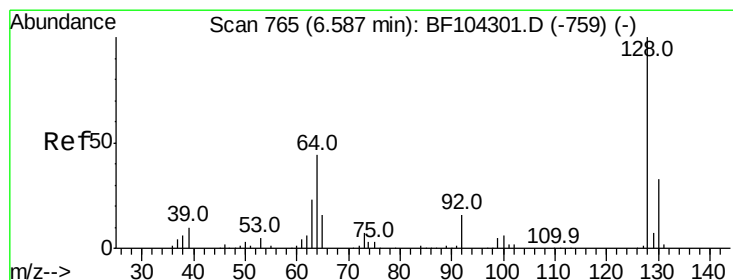
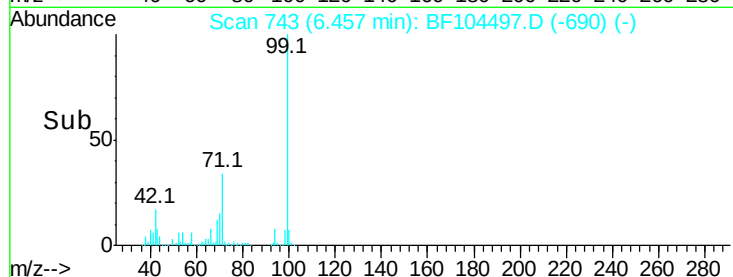
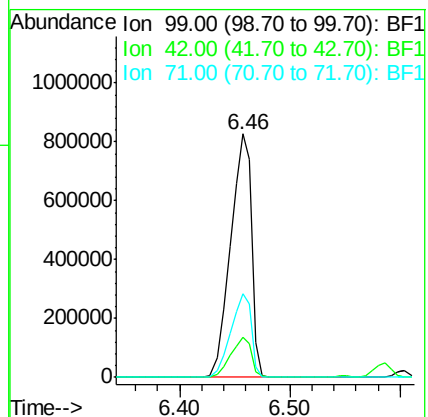
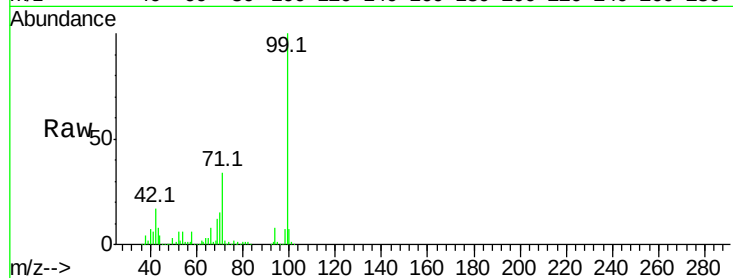
Tot Ion: 99 Resp: 1100267

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 34.4 25.4 38.0



#8

2-Chlorophenol

Concen: 35.774 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

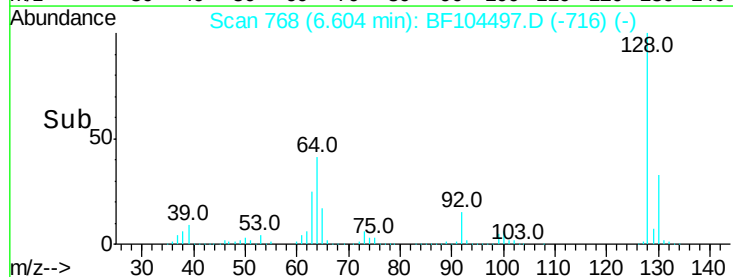
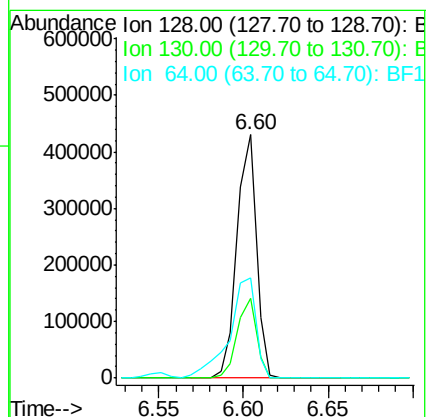
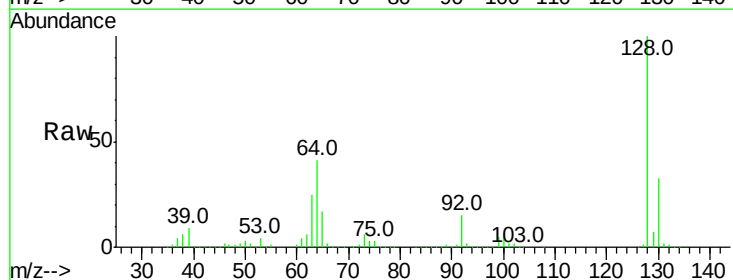
Tgt Ion: 128 Resp: 344551

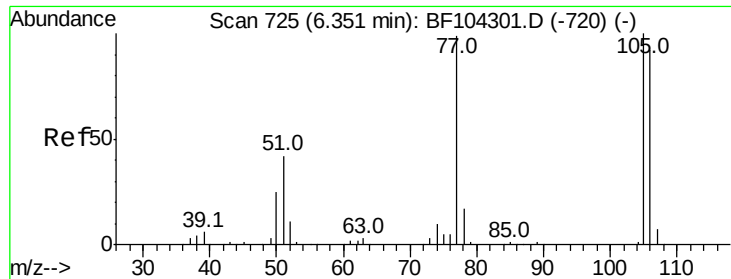
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 41.2 29.4 69.4

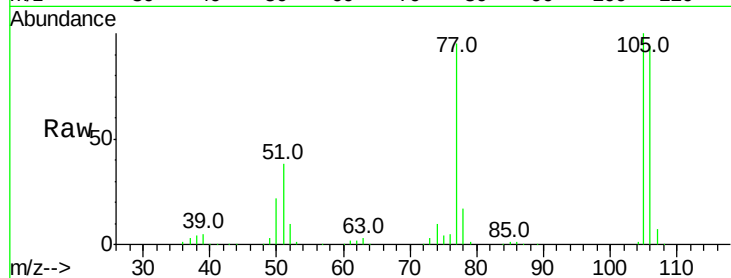




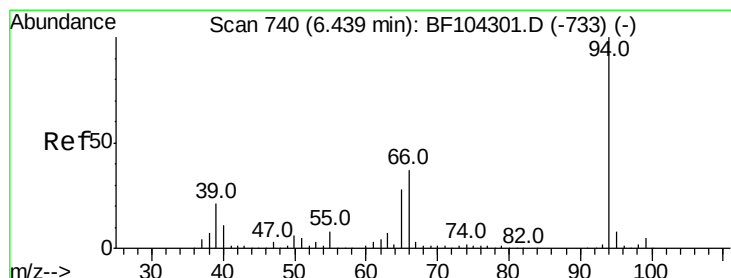
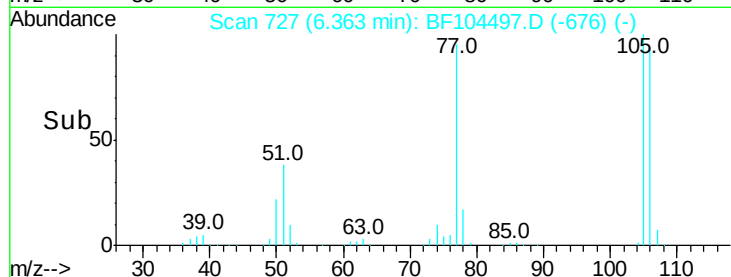
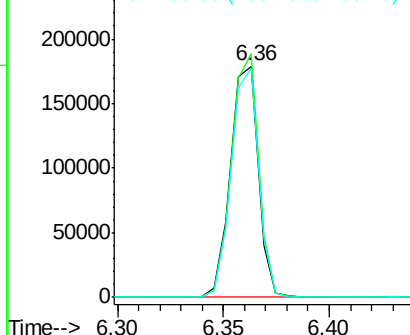
#9
Benzaldehyde
Concen: 25.298 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 162301
Ion Ratio Lower Upper
77 100
105 105.3 81.1 121.1
106 99.5 74.5 114.5

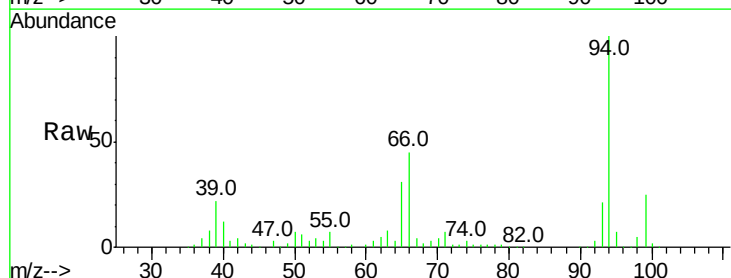


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

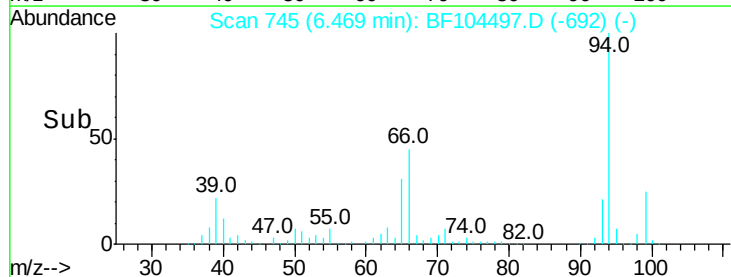
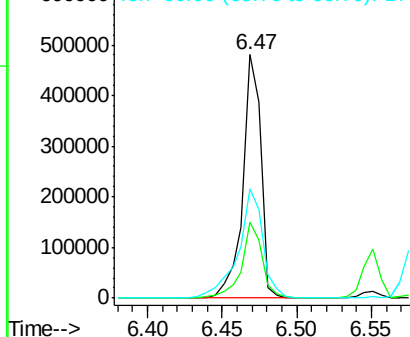


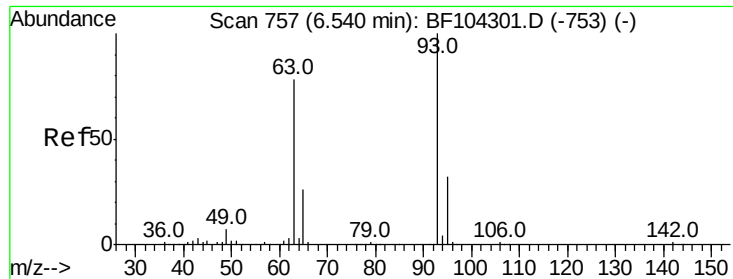
#10
Phenol
Concen: 33.780 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion: 94 Resp: 401859
Ion Ratio Lower Upper
94 100
65 31.0 7.9 47.9
66 44.7 16.2 56.2



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

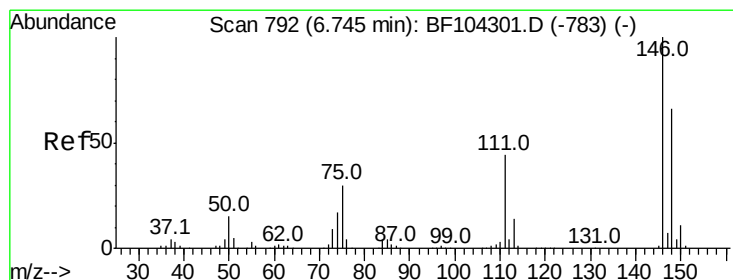
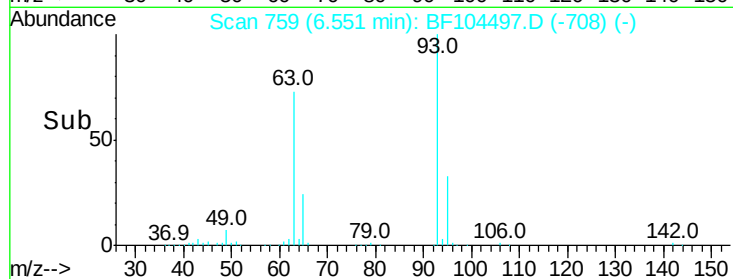
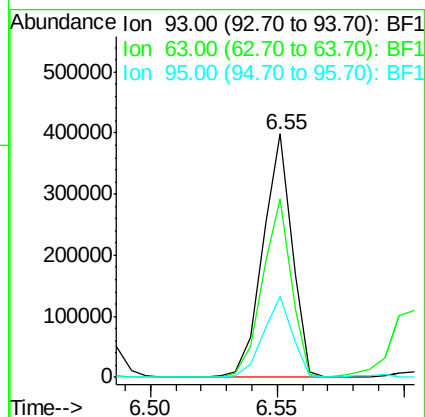
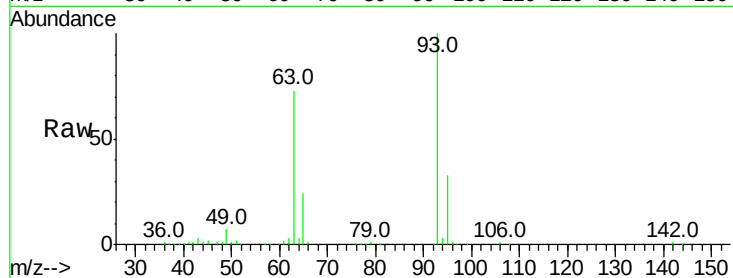




#11
 bis(2-Chloroethyl)ether
 Concen: 33.645 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

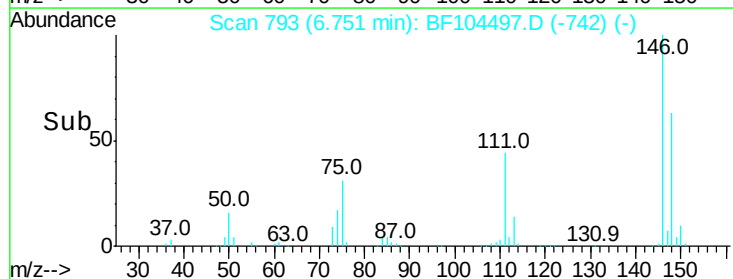
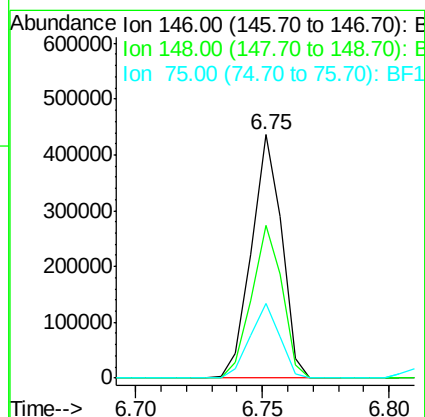
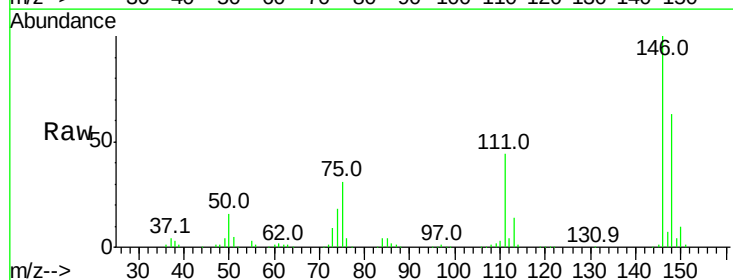
Instrument :
 BNA_F
 ClientSampled :

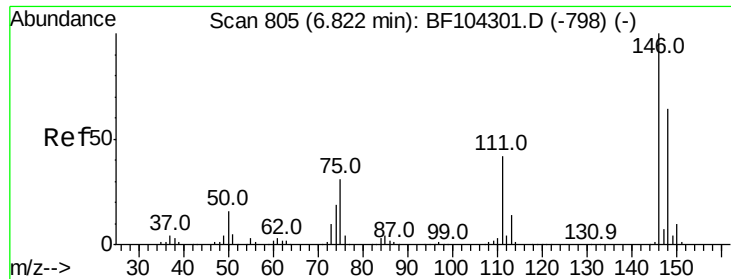
Tot Ion: 93 Resp: 319399
 Ion Ratio Lower Upper
 93 100
 63 73.3 58.6 98.6
 95 33.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.287 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion: 146 Resp: 363205
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.8
 75 30.8 24.2 36.4

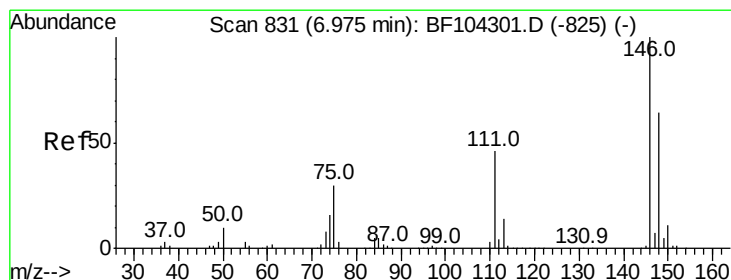
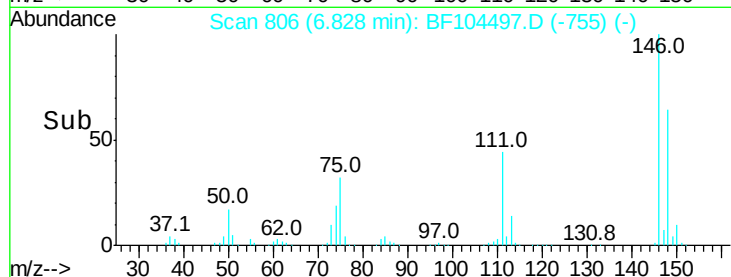
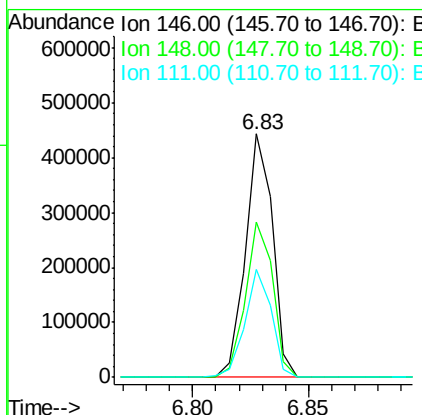
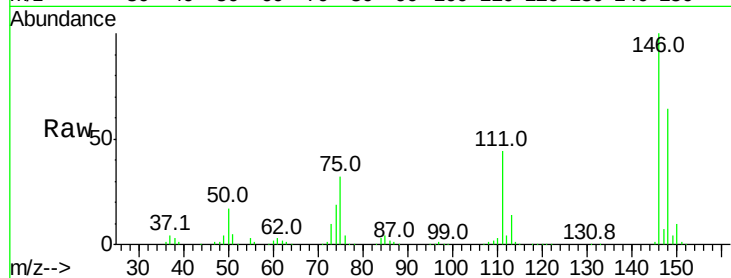




#13
 1,4-Dichlorobenzene
 Concen: 33.596 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

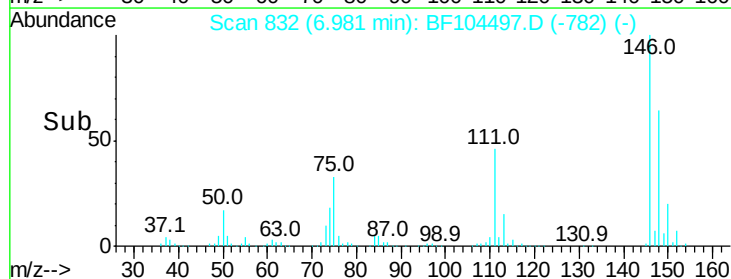
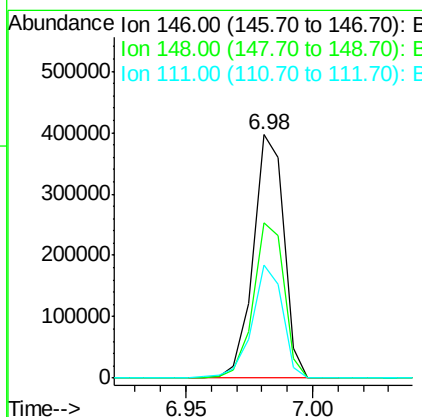
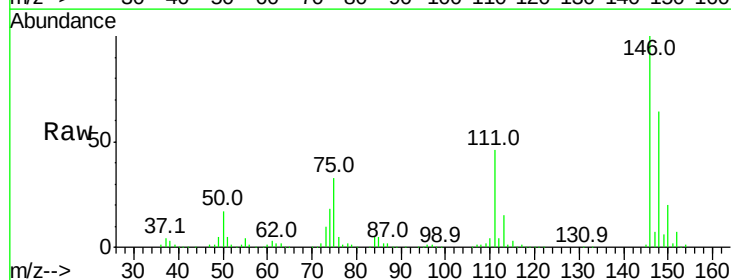
Instrument :
 BNA_F
 ClientSampled :

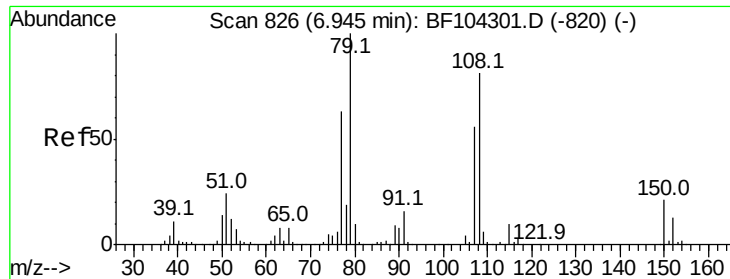
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	44.4	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.295 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	46.2	36.0	54.0

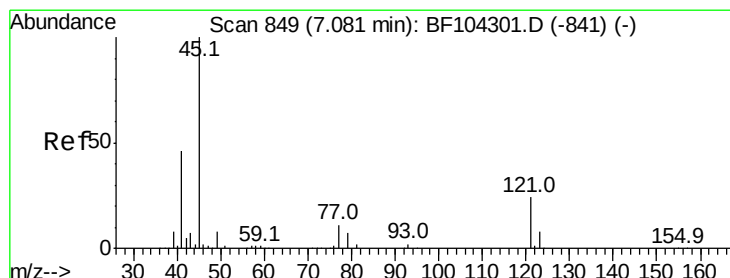
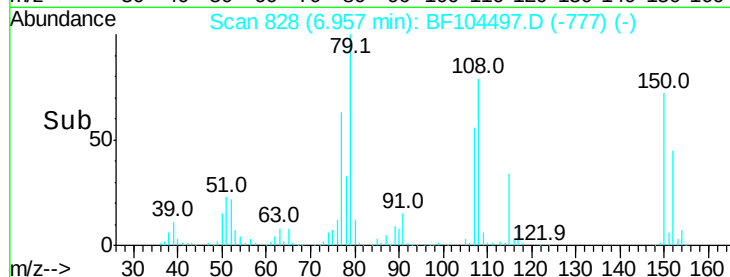
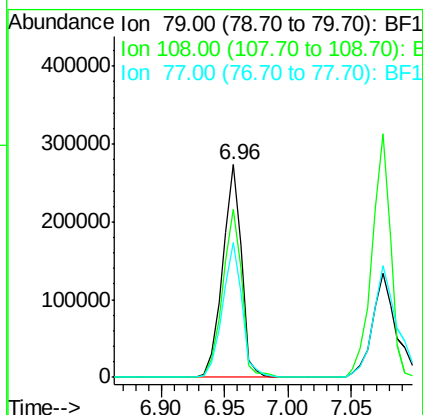
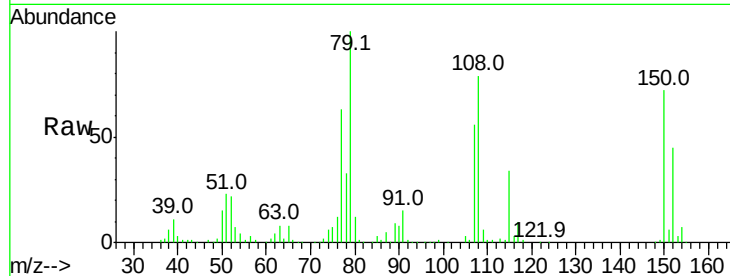




#15
Benzyl Alcohol
Concen: 33.119 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

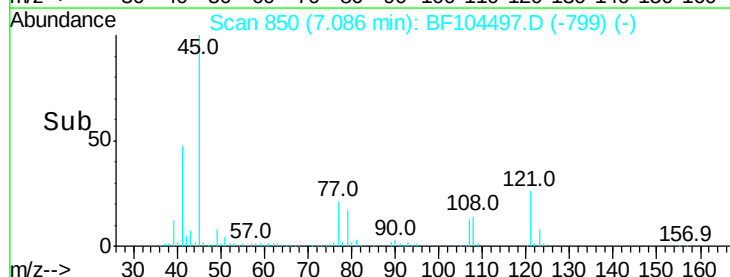
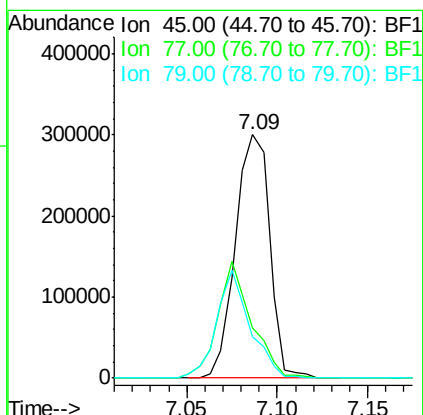
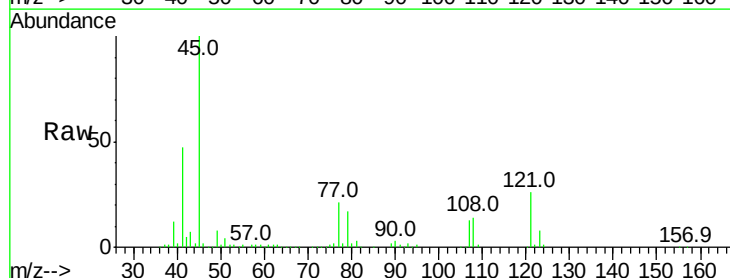
Instrument :
BNA_F
ClientSampleId :

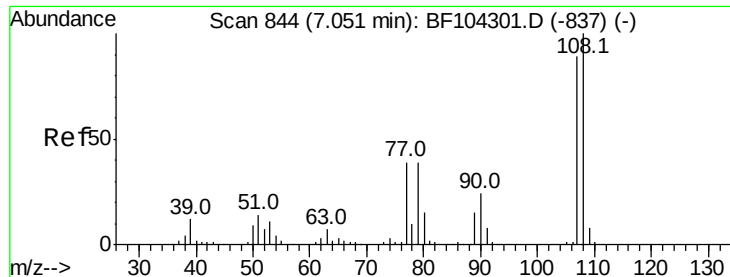
Tot Ion: 79 Resp: 282032
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.006 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion: 45 Resp: 395300
Ion Ratio Lower Upper
45 100
77 20.9 0.0 32.9
79 16.8 0.0 29.6





#17

2-Methylphenol

Concen: 34.146 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 285877

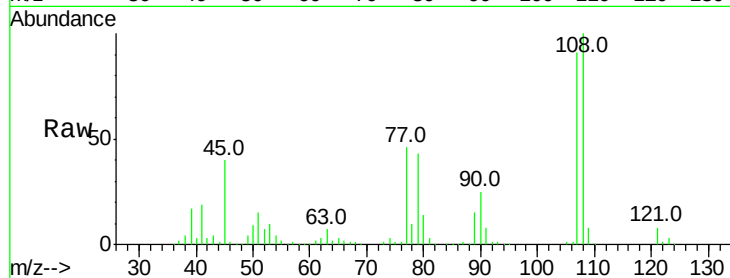
Ion Ratio Lower Upper

107 100

108 109.9 91.7 137.5

77 50.6 33.8 50.8

79 46.9 33.8 50.8

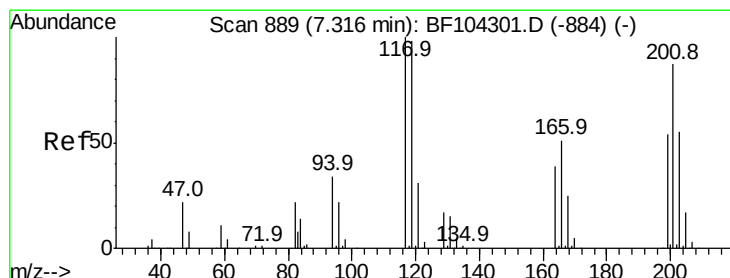
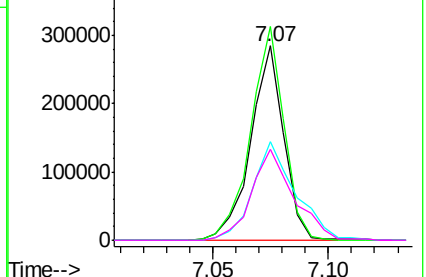
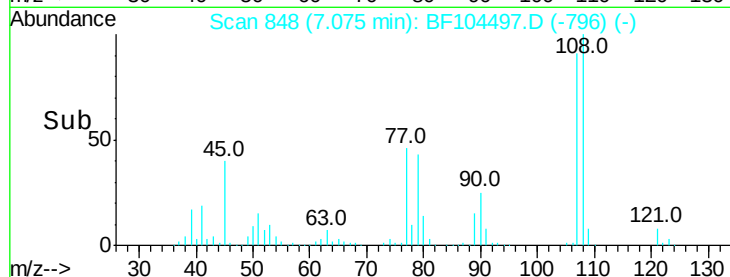


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.565 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

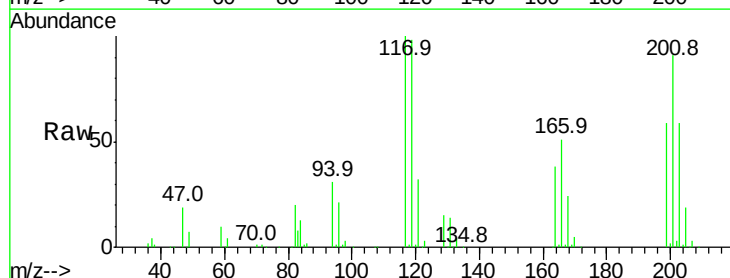
Tgt Ion:117 Resp: 118529

Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

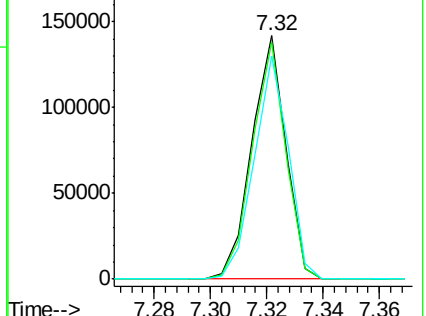
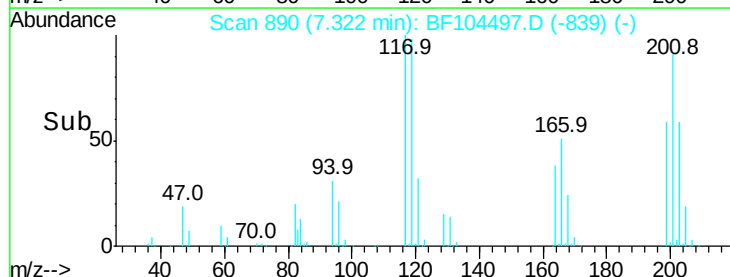
201 91.4 75.7 113.5

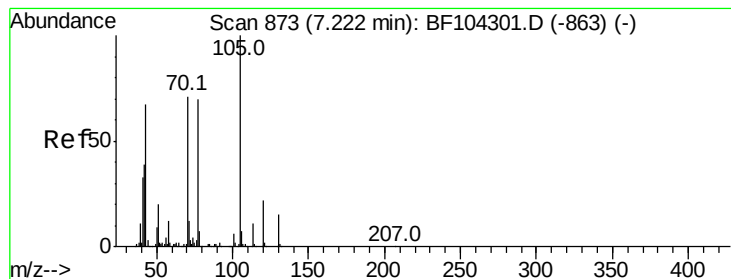


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.989 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 227040

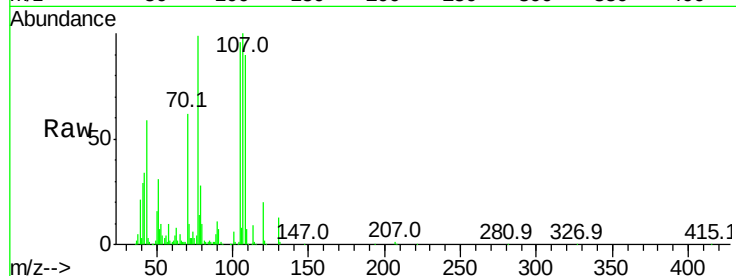
Ion Ratio Lower Upper

70 100

42 54.6 47.5 71.3

101 9.8 7.4 11.2

130 20.9 16.6 25.0



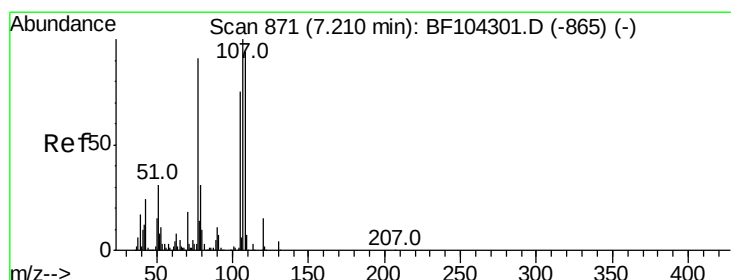
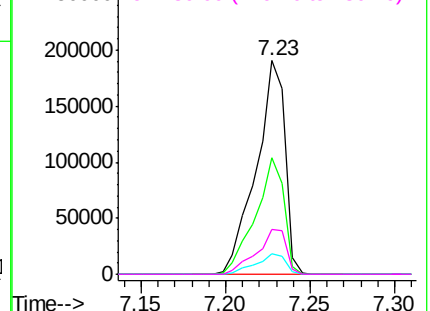
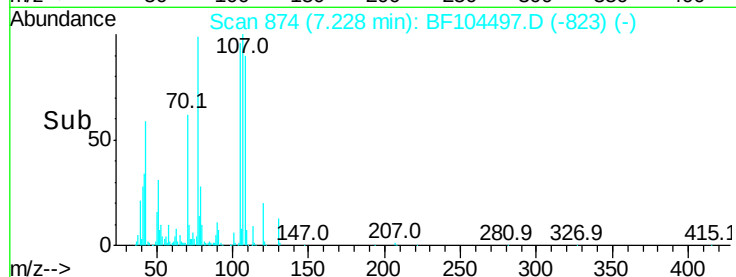
Abundance

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: 33.473 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Tgt Ion: 107 Resp: 347560

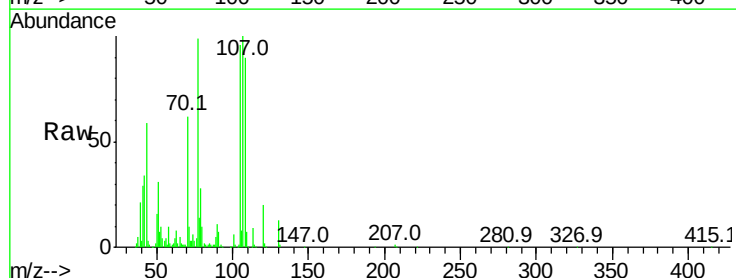
Ion Ratio Lower Upper

107 100

108 89.9 68.2 108.2

77 99.1 26.7 66.7#

79 28.3 6.3 46.3



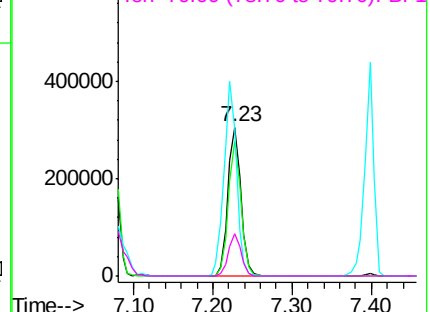
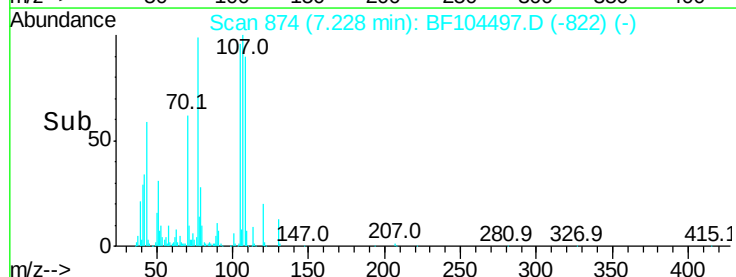
Abundance

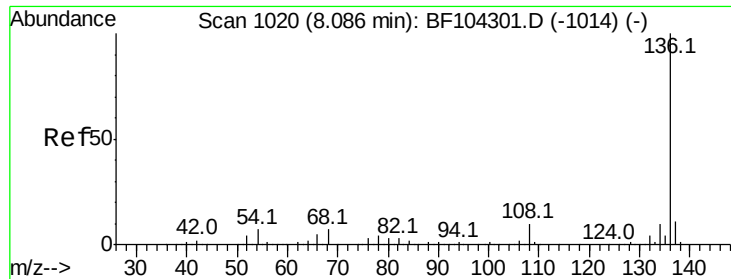
Ion 107.00 (106.70 to 107.70): BF1

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

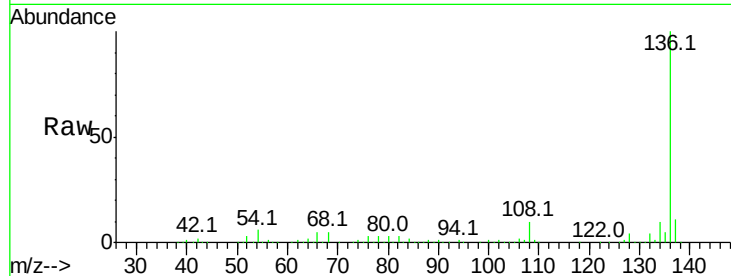




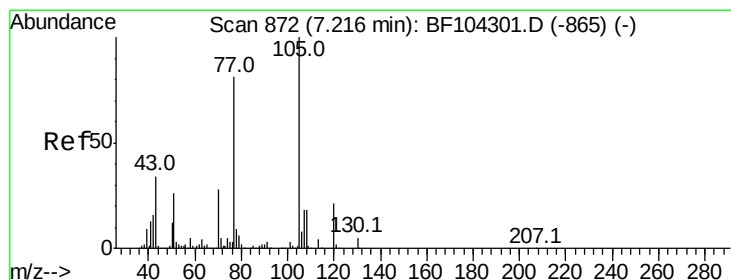
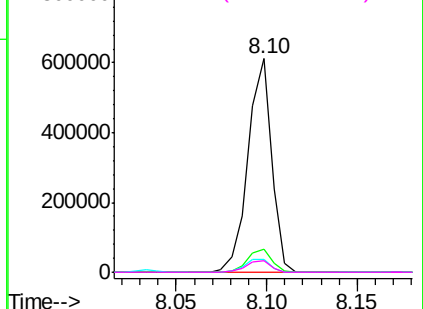
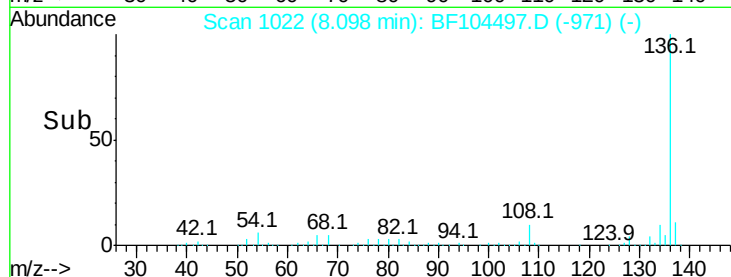
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 554211
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 6.3	6.6 9.8#
68 5.5	5.0 7.4

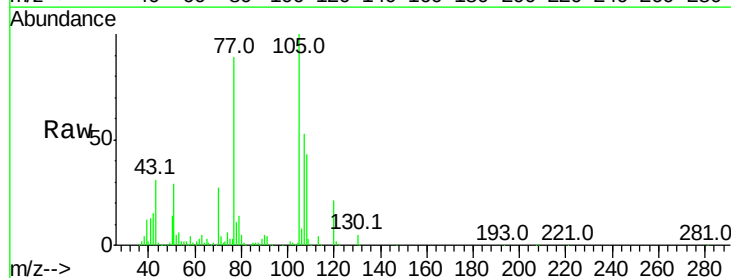


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

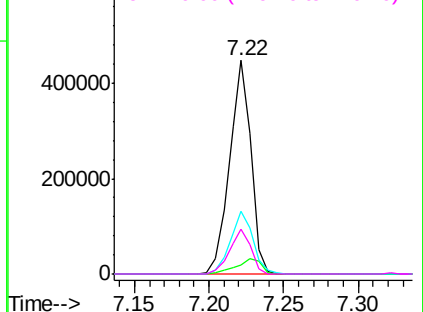
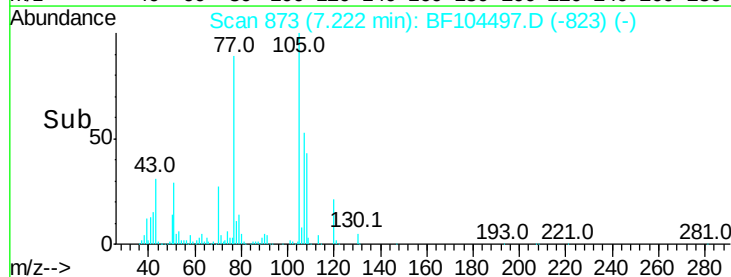


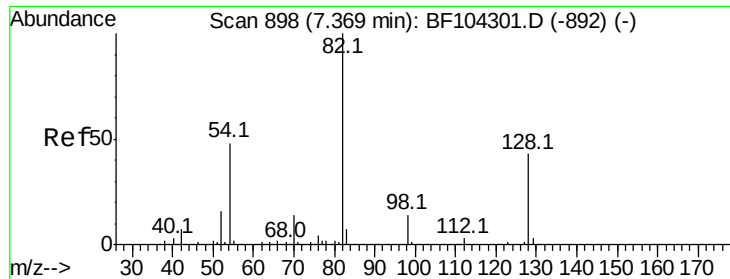
#22
Acetophenone
Concen: 33.126 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt	Ion:105	Resp:	451986
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.4	6.6
51	29.3	22.3	33.5
120	20.8	16.9	25.3



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: 80.997 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampled :

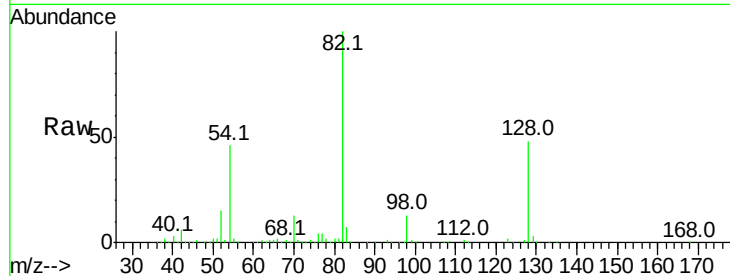
Tot Ion: 82 Resp: 687458

Ion Ratio Lower Upper

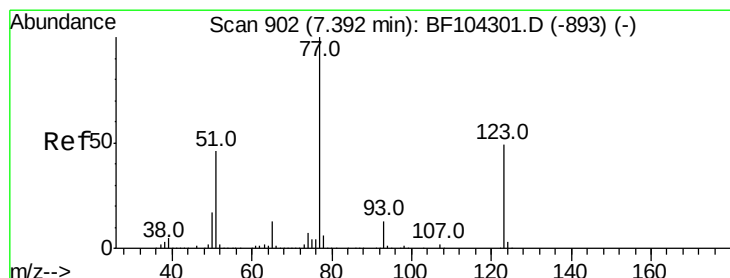
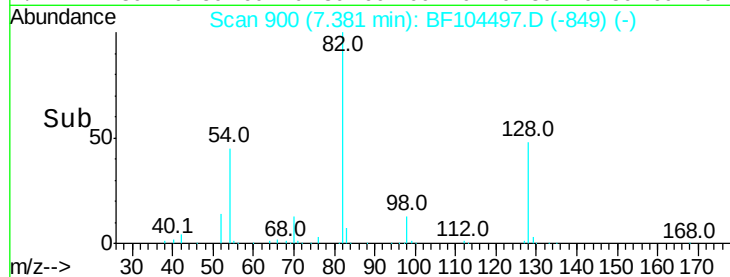
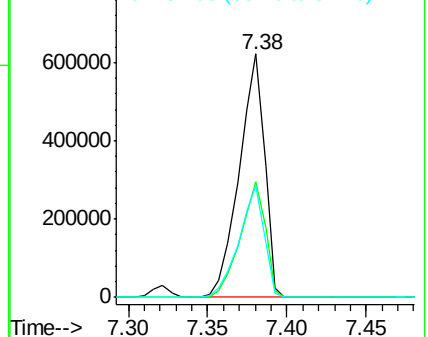
82 100

128 47.5 36.1 54.1

54 45.9 41.4 62.2



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: 37.507 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

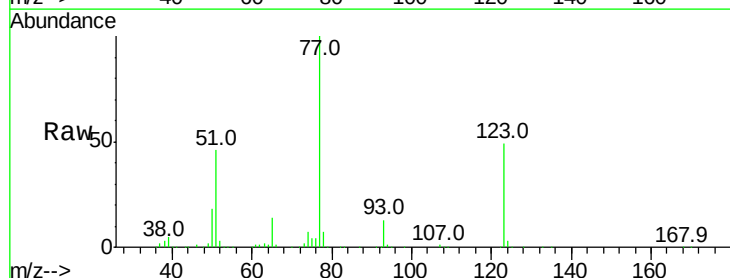
Tgt Ion: 77 Resp: 351461

Ion Ratio Lower Upper

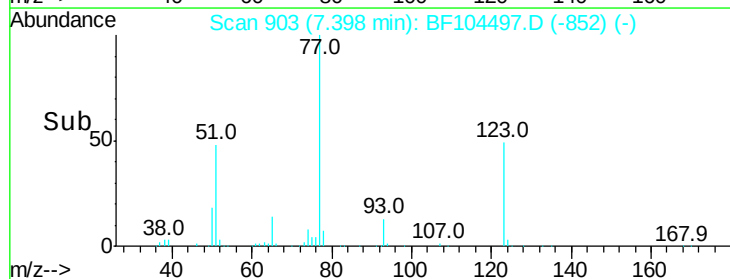
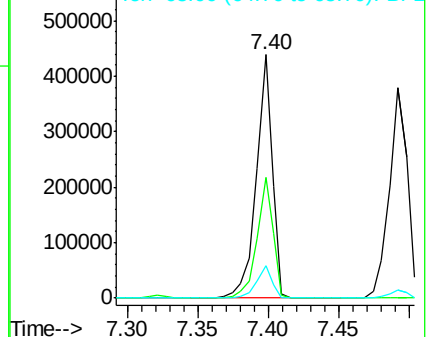
77 100

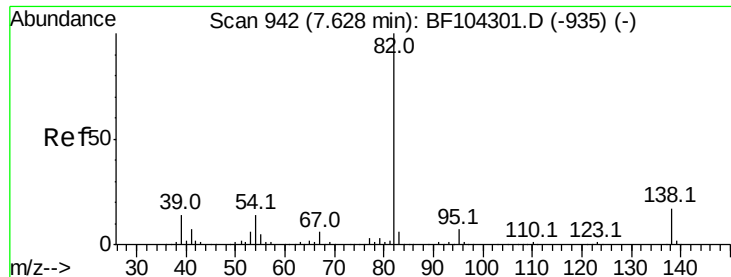
123 49.3 37.9 56.9

65 13.6 11.0 16.4



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: 35.444 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

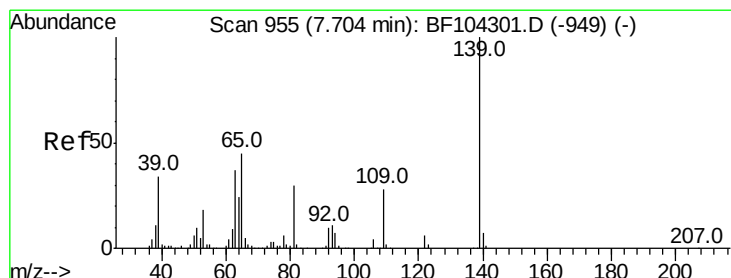
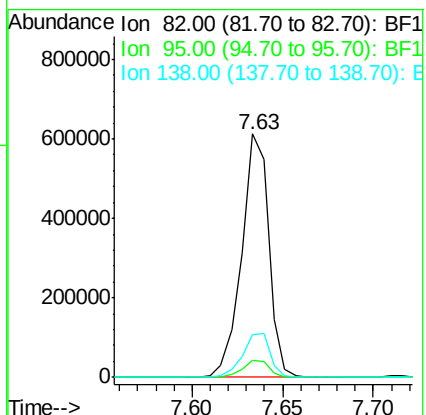
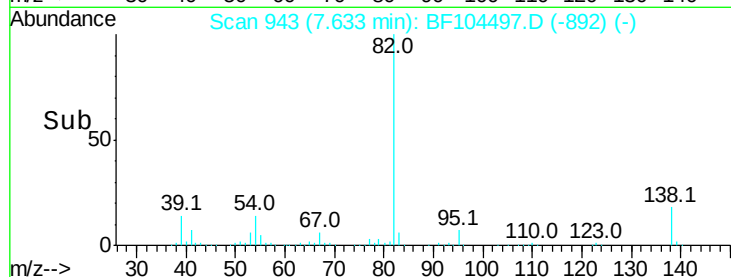
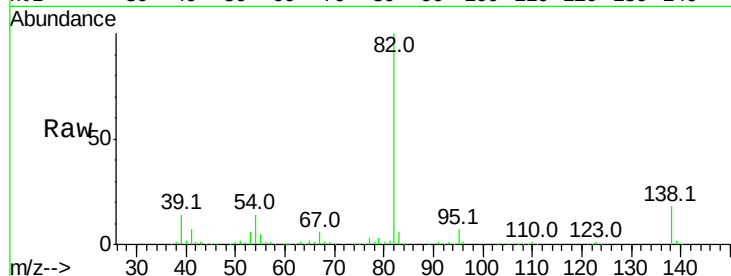
Tot Ion: 82 Resp: 636140

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 43.760 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

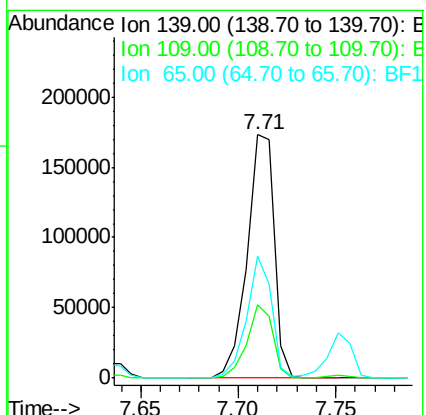
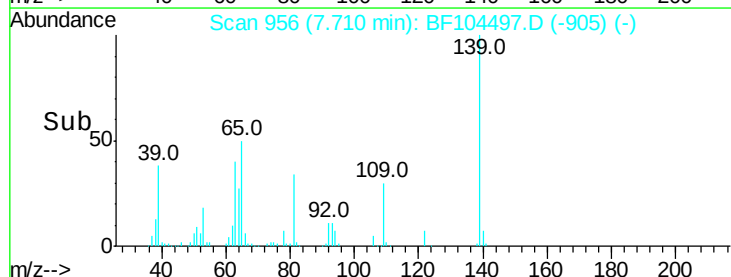
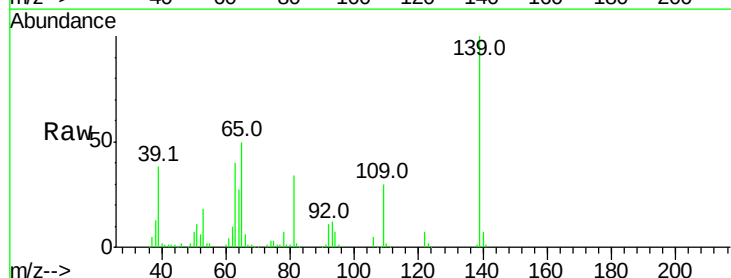
Tgt Ion:139 Resp: 166937

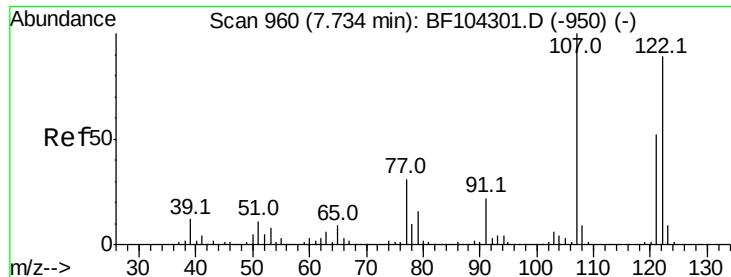
Ion Ratio Lower Upper

139 100

109 30.2 22.7 34.1

65 50.2 40.5 60.7

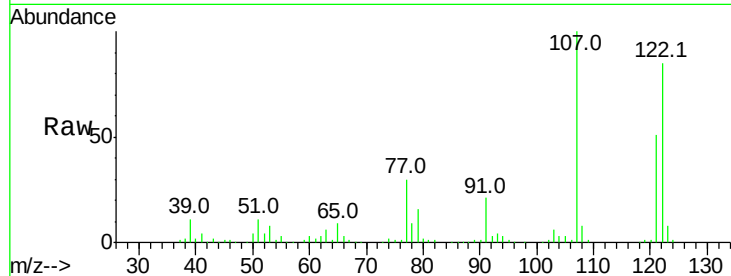




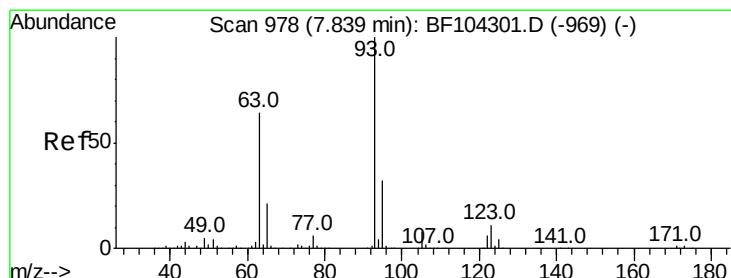
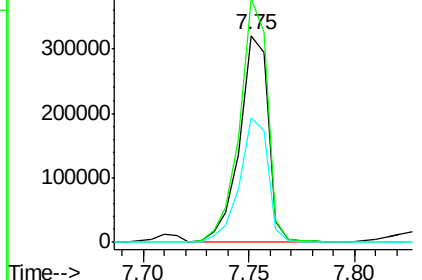
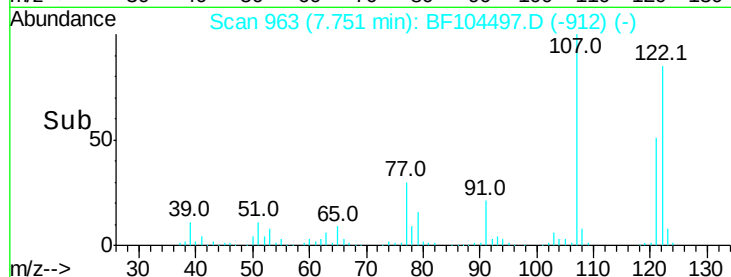
#27
 2,4-Dimethylphenol
 Concen: 38.189 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 302496
 Ion Ratio Lower Upper
 122 100
 107 117.5 91.2 136.8
 121 60.1 47.2 70.8

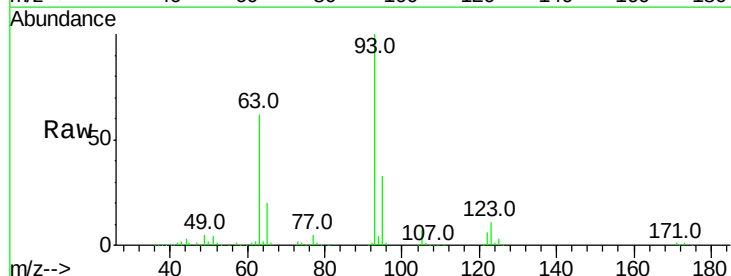


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

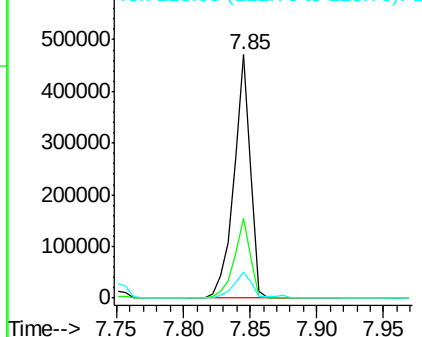
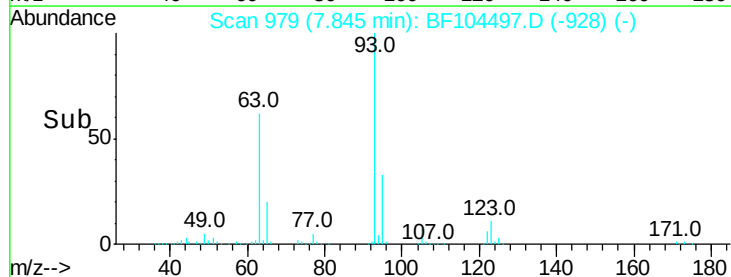


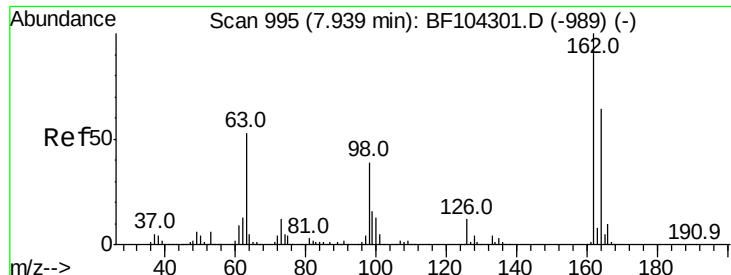
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.087 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion: 93 Resp: 406974
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.9 9.8 14.6



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: 36.480 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampled :

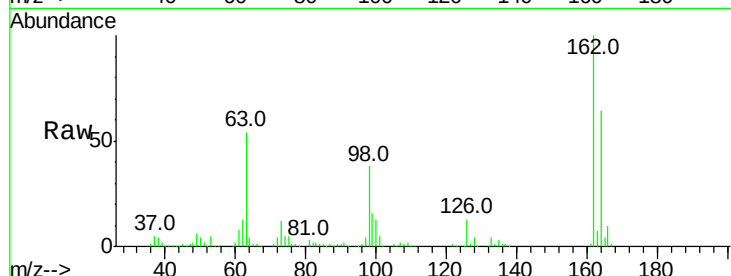
Tot Ion:162 Resp: 275703

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

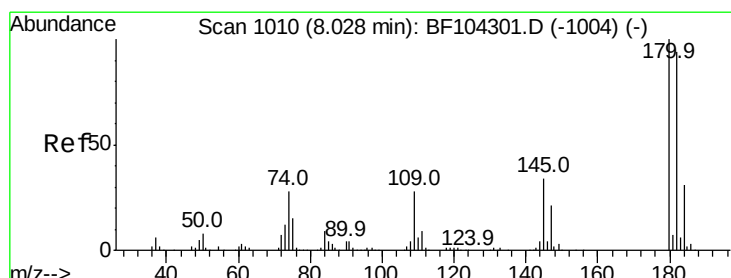
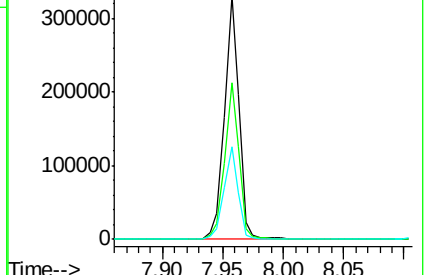
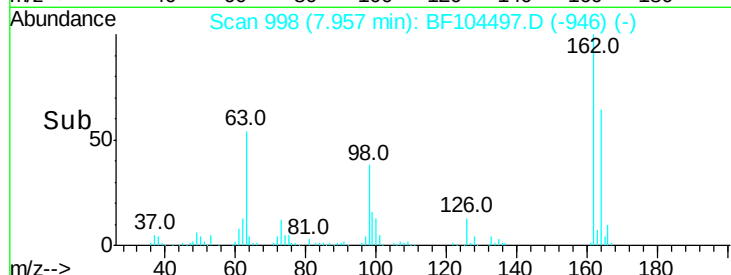
98 38.1 18.1 58.1



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: 34.715 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

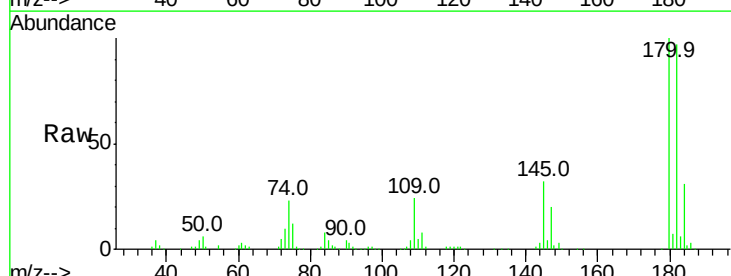
Tgt Ion:180 Resp: 287936

Ion Ratio Lower Upper

180 100

182 96.9 76.8 115.2

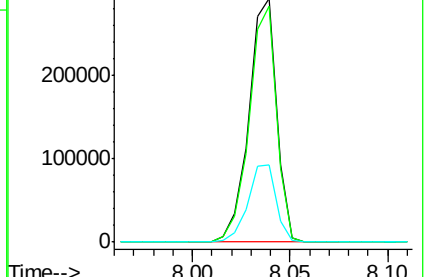
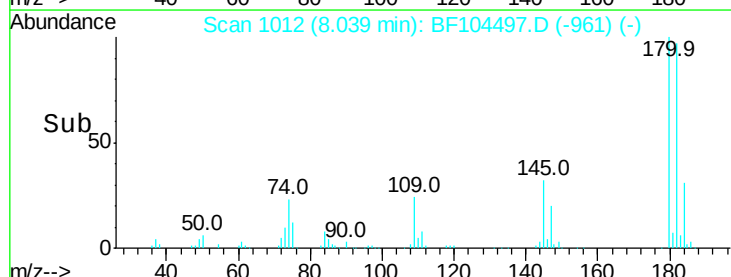
145 31.7 26.5 39.7

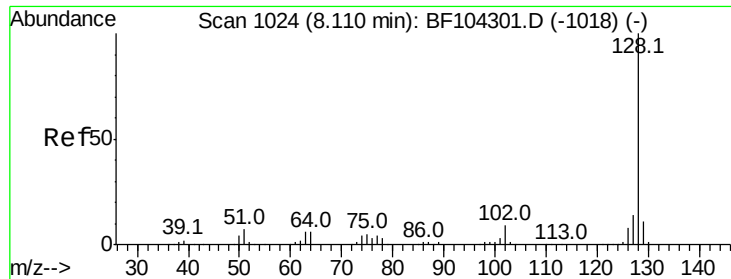


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

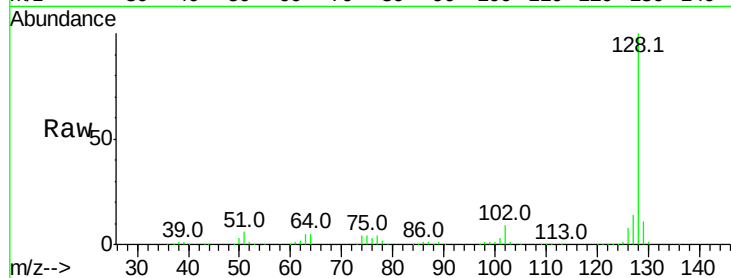




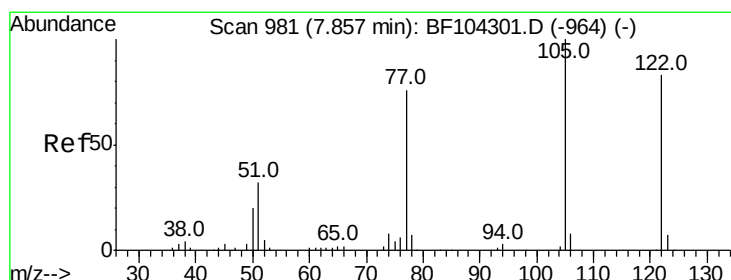
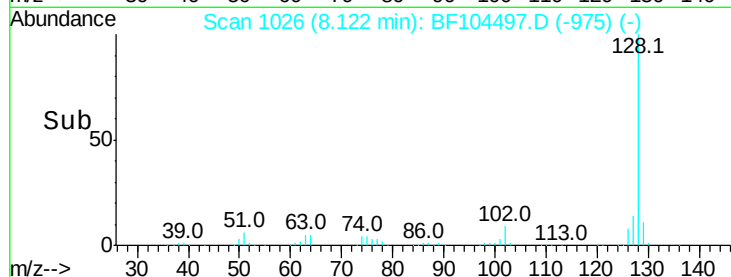
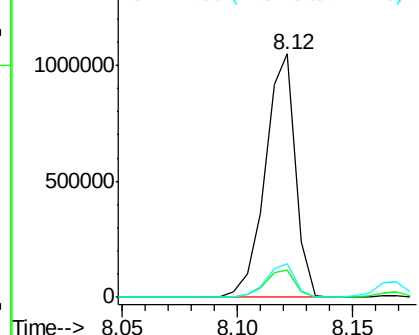
#31
Naphthalene
Concen: 34.569 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 953999
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.9 16.3

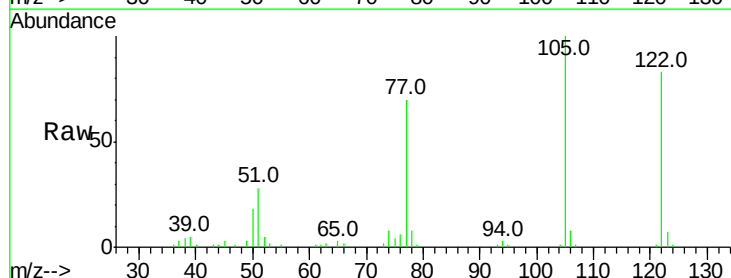


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

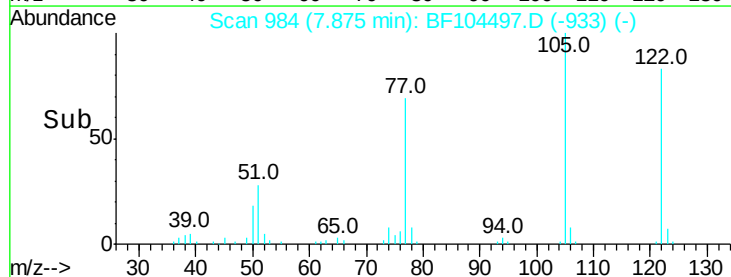
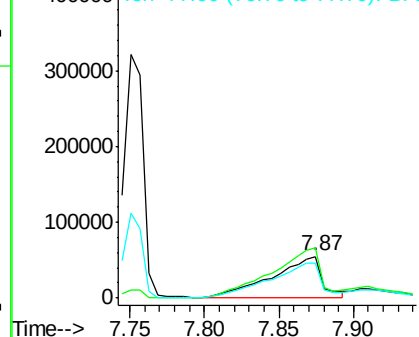


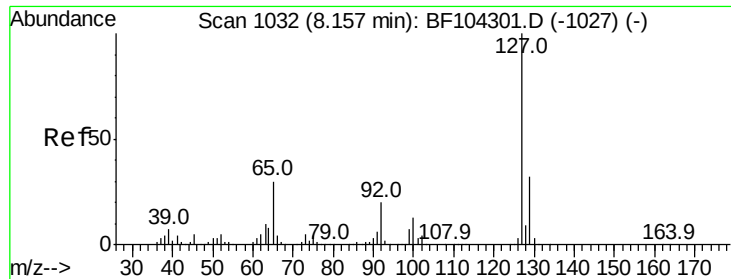
#32
Benzoic acid
Concen: 20.189 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:122 Resp: 127597
Ion Ratio Lower Upper
122 100
105 121.0 101.1 141.1
77 85.1 70.7 110.7



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

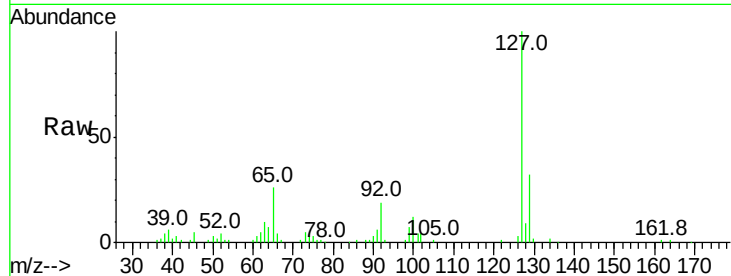




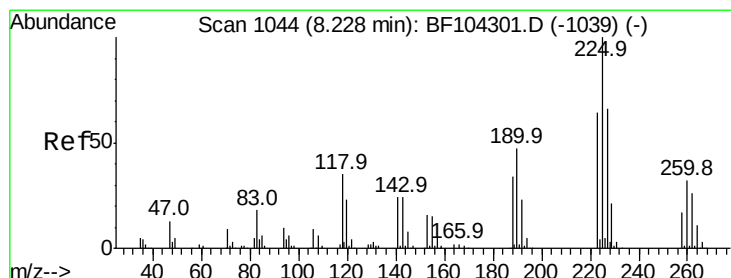
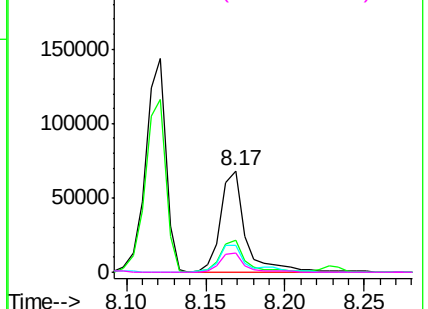
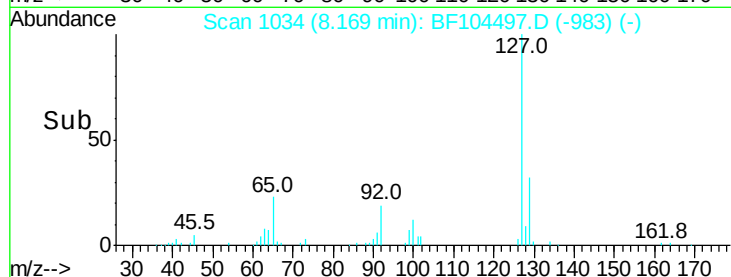
#33
4-Chloroaniline
Concen: 6.342 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	74976
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	25.9	25.0	37.4
92	18.8	15.2	22.8

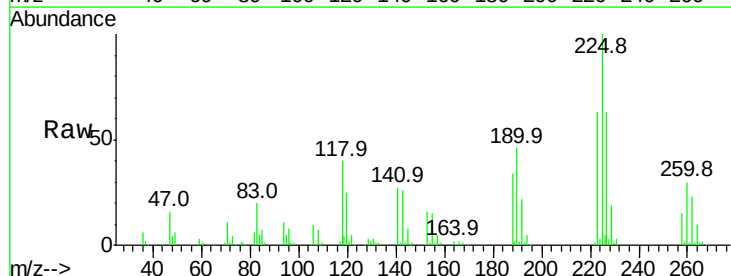


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

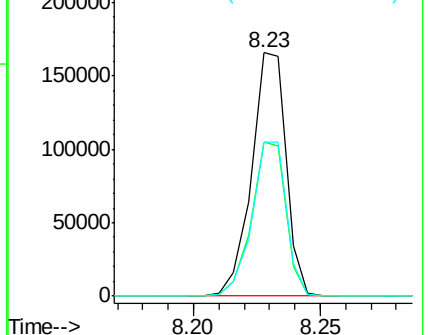
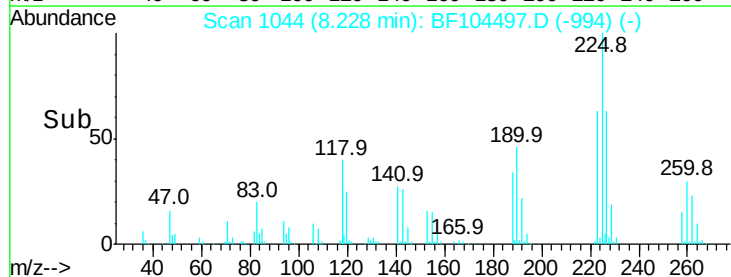


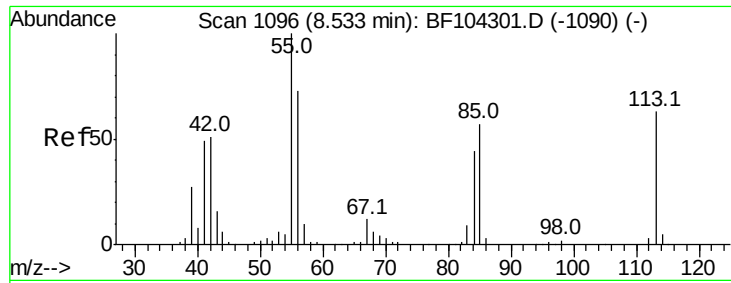
#34
Hexachlorobutadiene
Concen: 34.791 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:	225	Resp:	158061
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.2	51.9	77.9



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

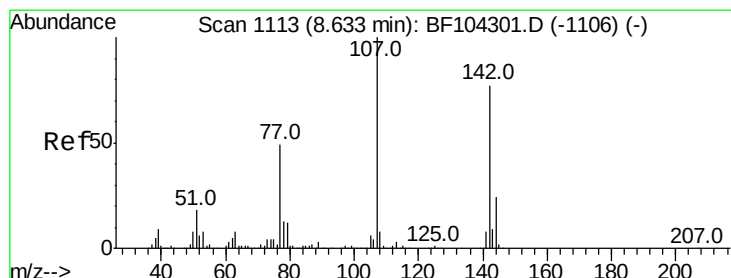
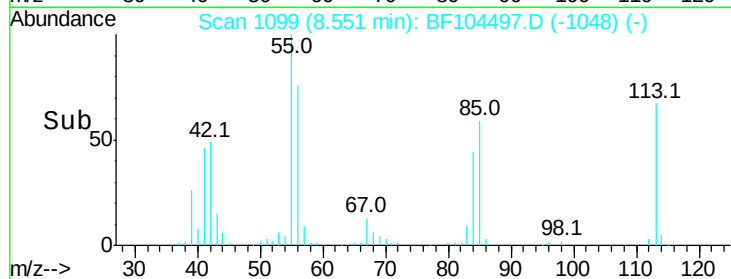
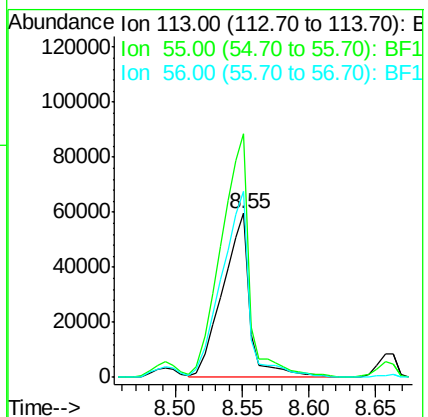
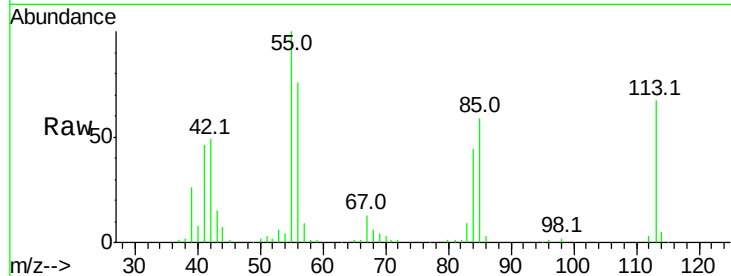




#35
 Caprolactam
 Concen: 32.835 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

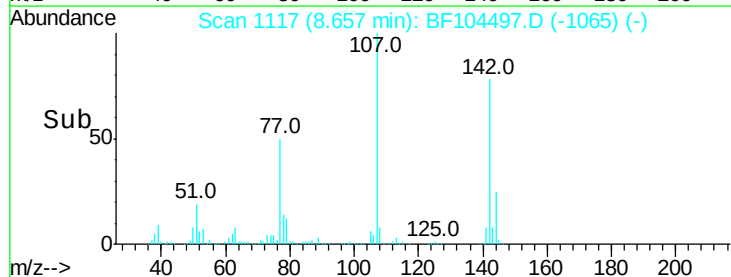
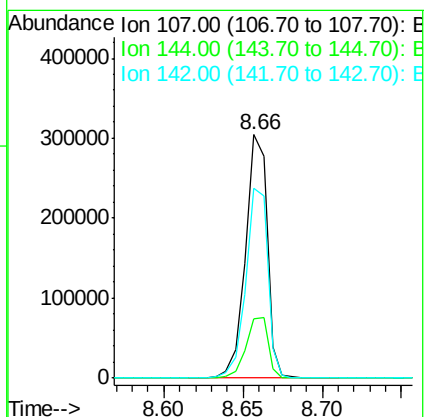
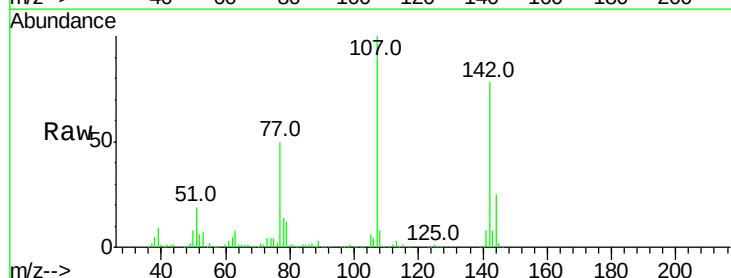
Instrument :
 BNA_F
 ClientSampled :

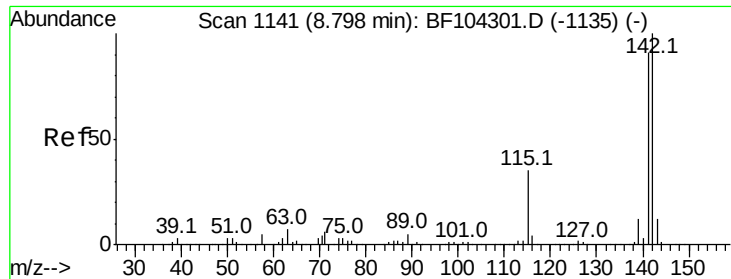
Tot Ion:113 Resp: 86571
 Ion Ratio Lower Upper
 113 100
 55 148.5 163.3 203.3#
 56 113.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 35.667 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion:107 Resp: 289039
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 78.2 62.0 93.0

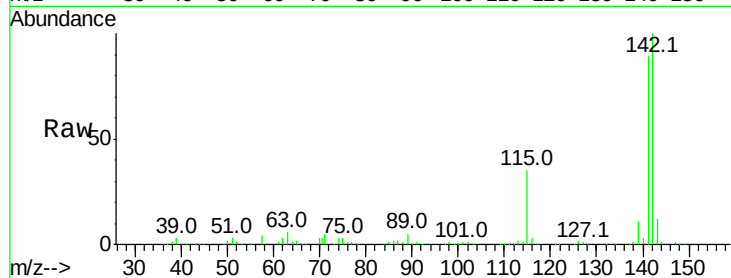




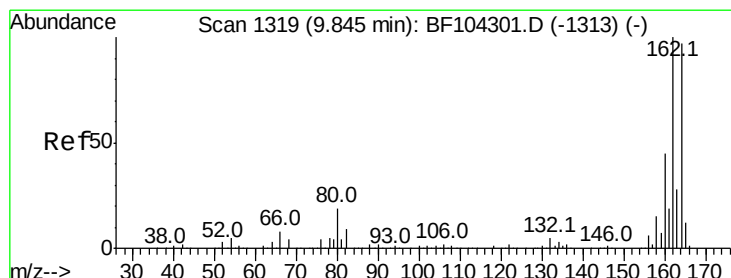
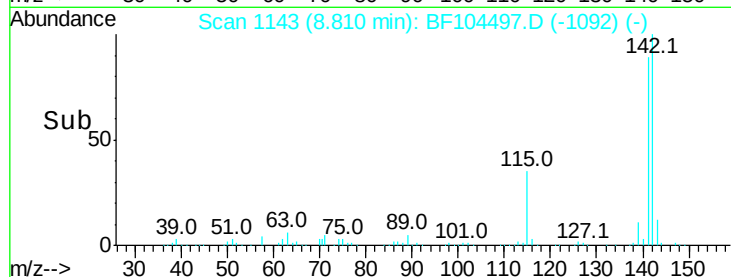
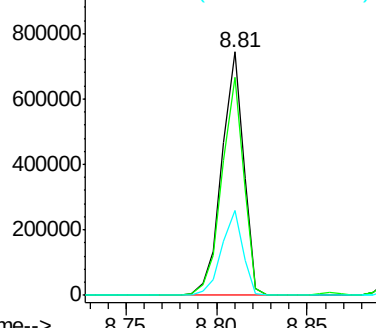
#37
 2-Methylnaphthalene
 Concen: 35.051 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.7	26.1	39.1

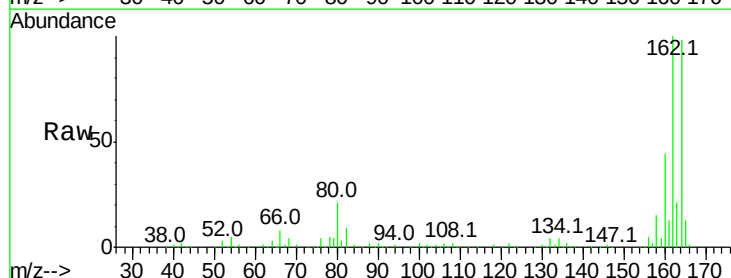


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

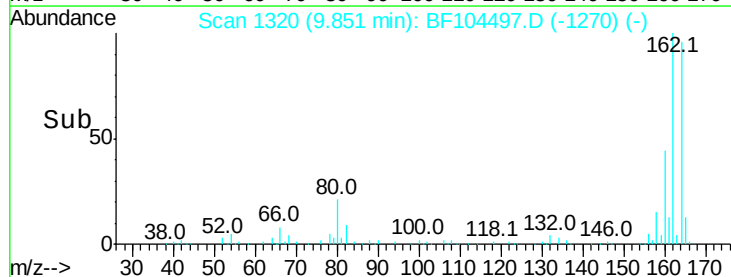
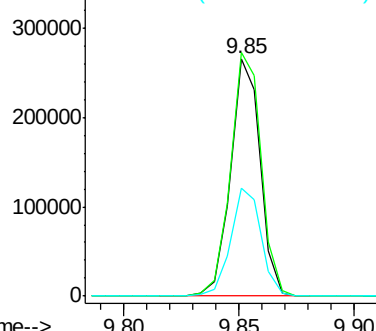


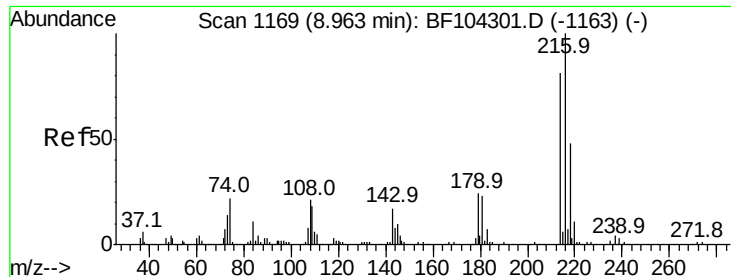
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.2	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.703 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104497.D

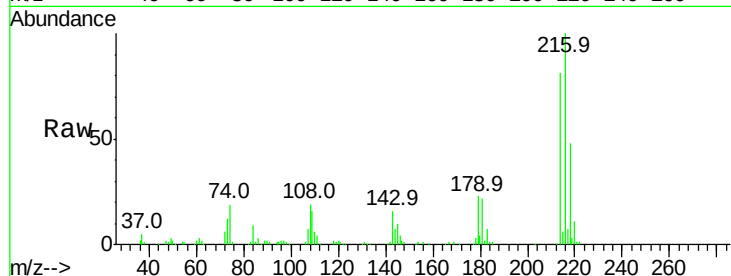
Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	262657
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.6	18.1	27.1
108	19.6	17.2	25.8

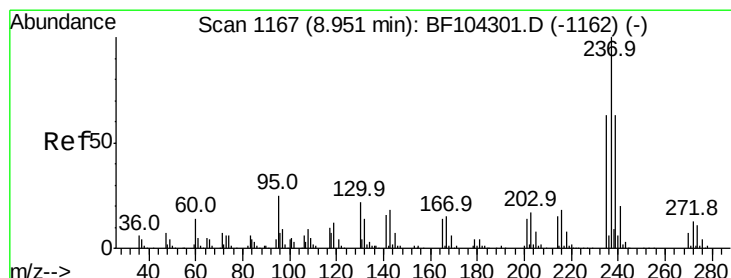
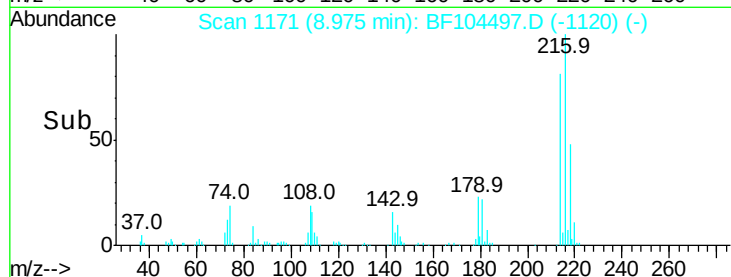
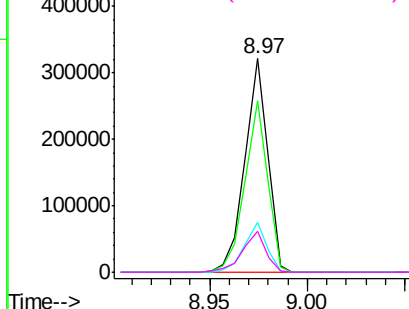


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 16.944 ng

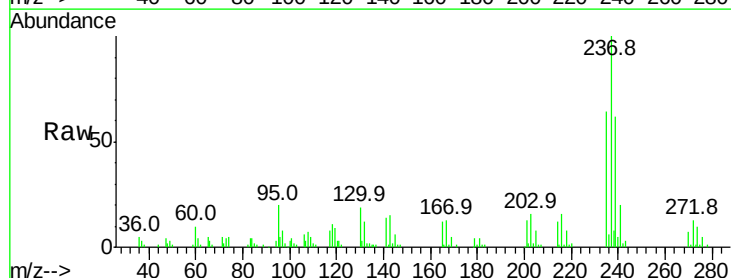
RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

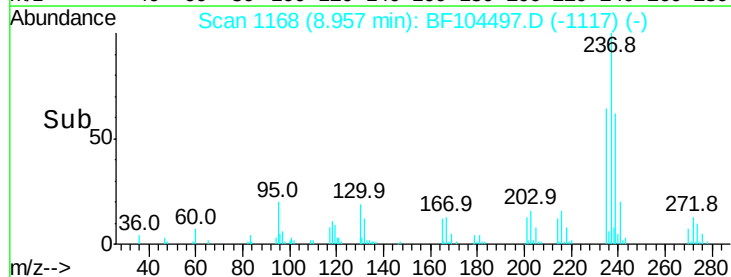
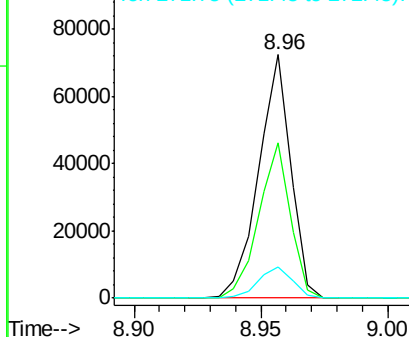
Tgt Ion:	237	Resp:	64375
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.8	0.0	33.3

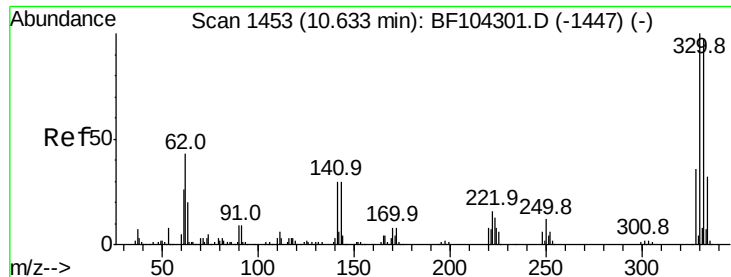


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

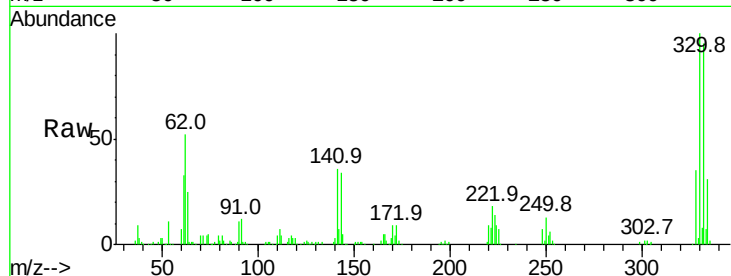




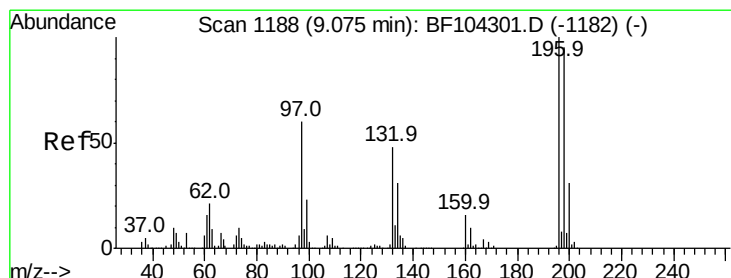
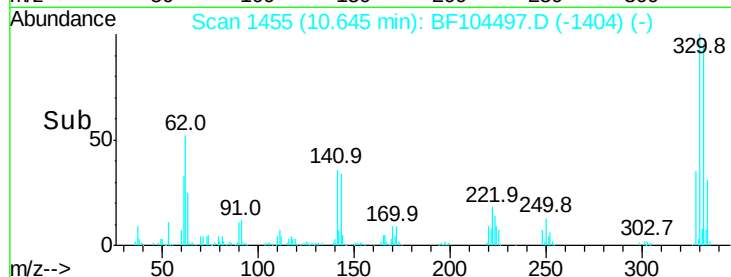
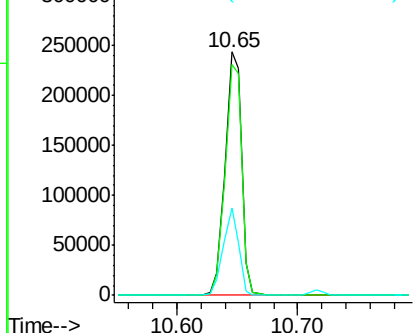
#41
 2,4,6-Tribromophenol
 Concen: 93.556 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.7	29.9	44.9

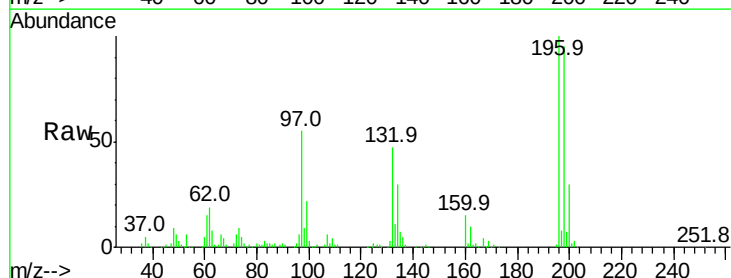


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

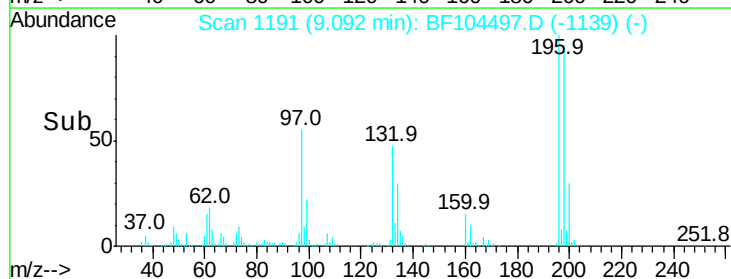
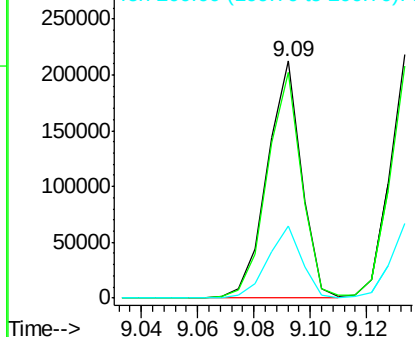


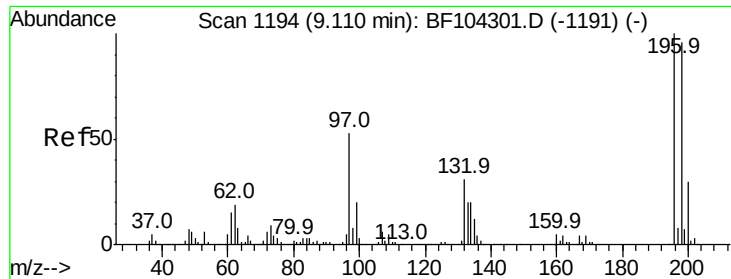
#42
 2,4,6-Trichlorophenol
 Concen: 37.975 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.3	24.5	36.7



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

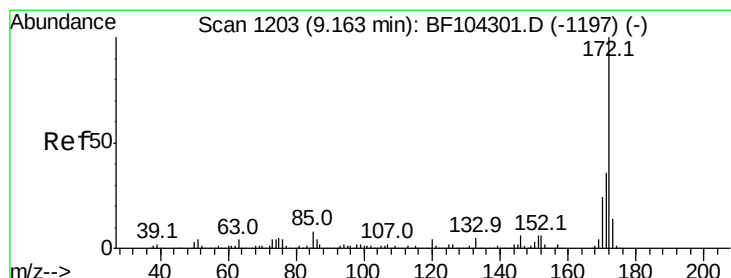
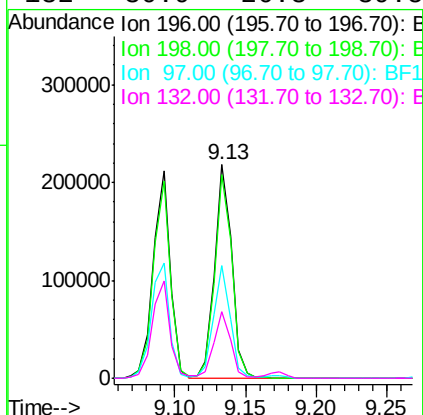
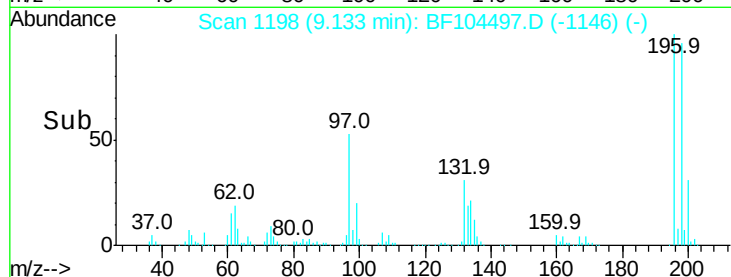
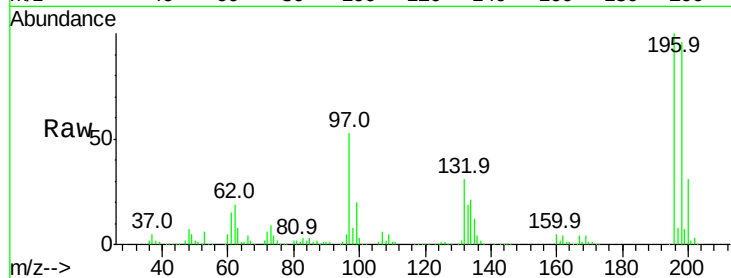




#43
 2,4,5-Trichlorophenol
 Concen: 35.193 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

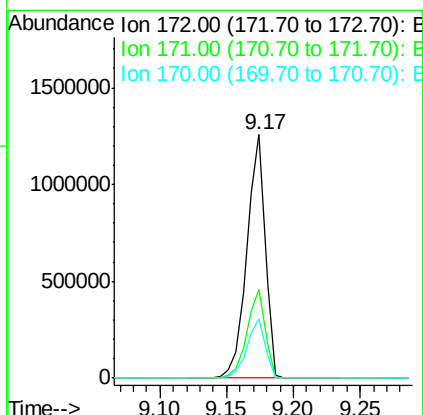
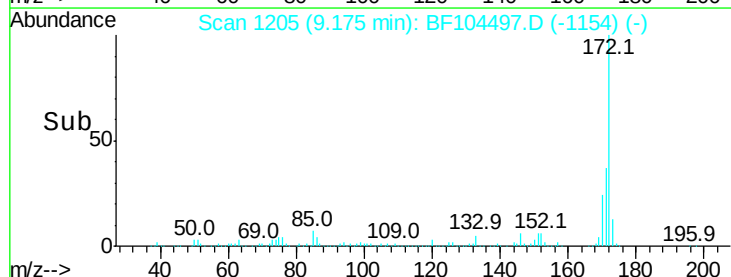
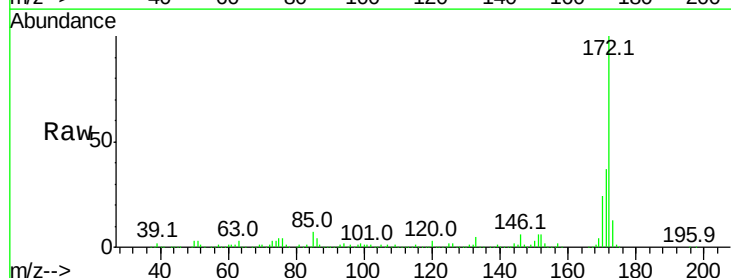
Instrument :
 BNA_F
 ClientSampleId :

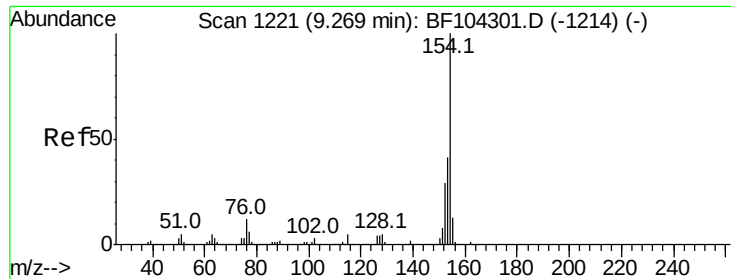
Tot Ion:	196	Resp:	185531
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	52.8	42.9	64.3
132	30.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 78.458 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion:	172	Resp:	1177439
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.842 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

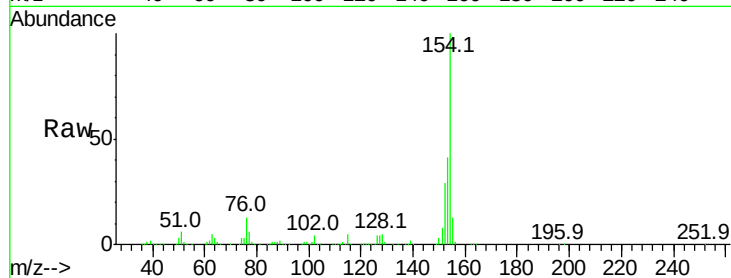
Tot Ion:154 Resp: 713833

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

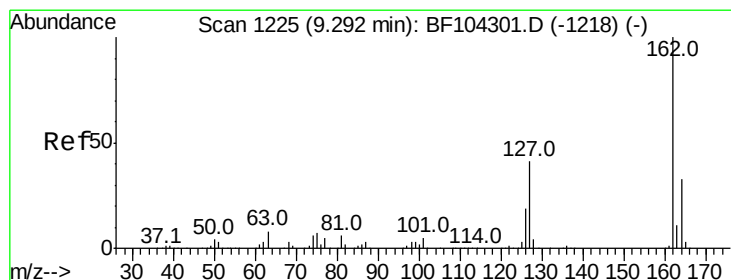
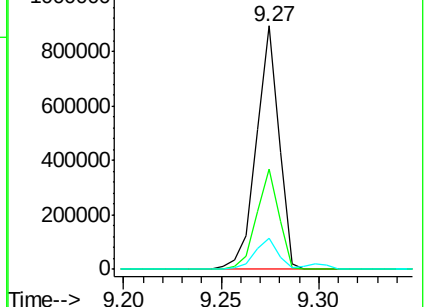
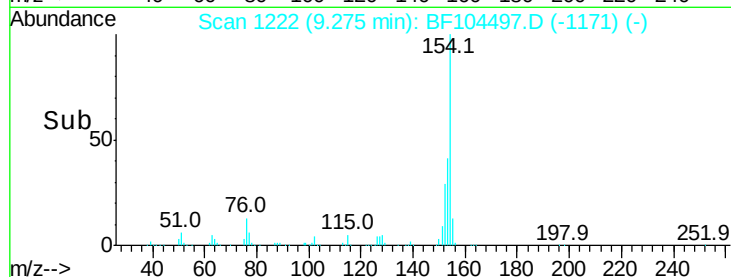
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.763 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

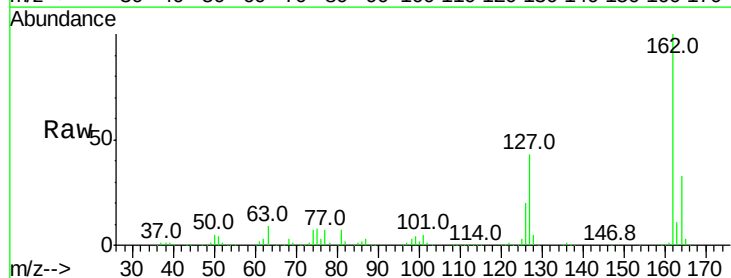
Tgt Ion:162 Resp: 562592

Ion Ratio Lower Upper

162 100

127 43.0 33.9 50.9

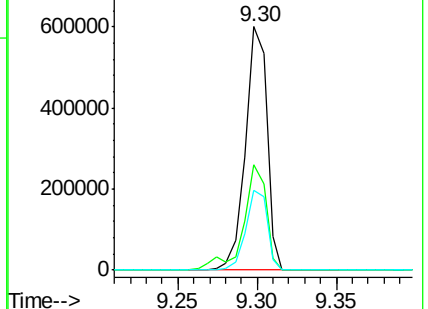
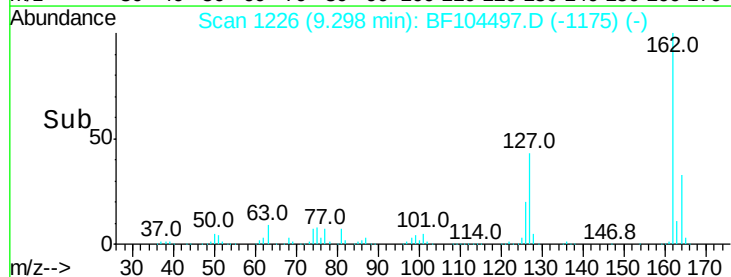
164 32.9 26.5 39.7

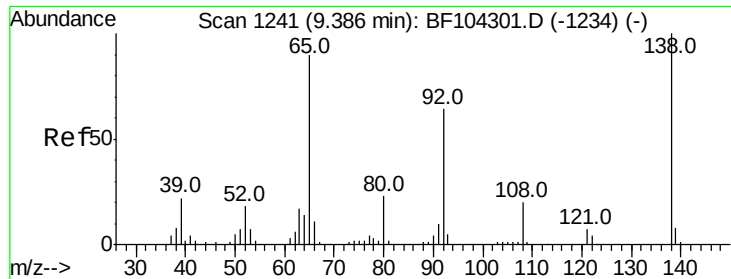


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

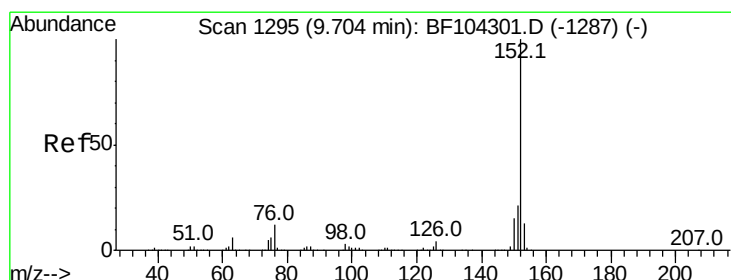
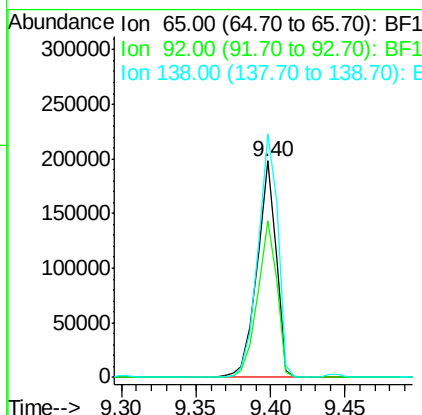
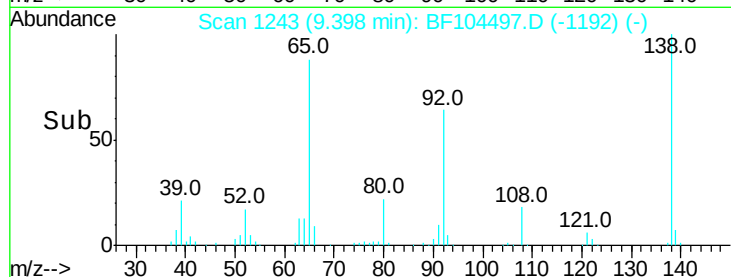
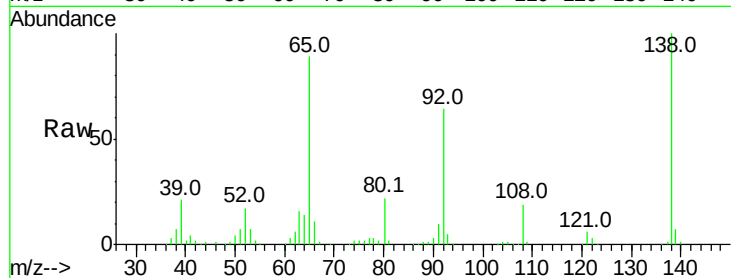




#47
 2-Nitroaniline
 Concen: 44.597 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

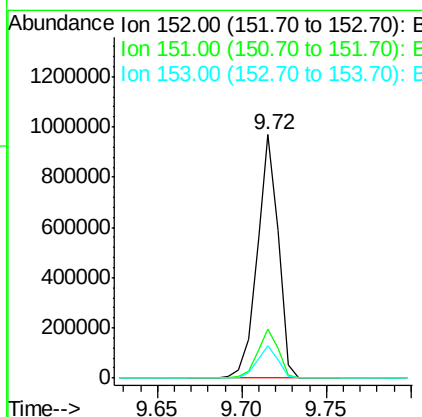
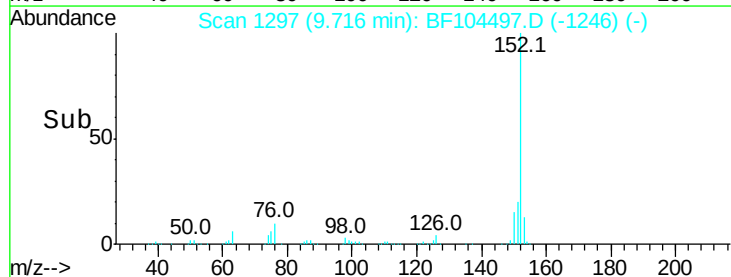
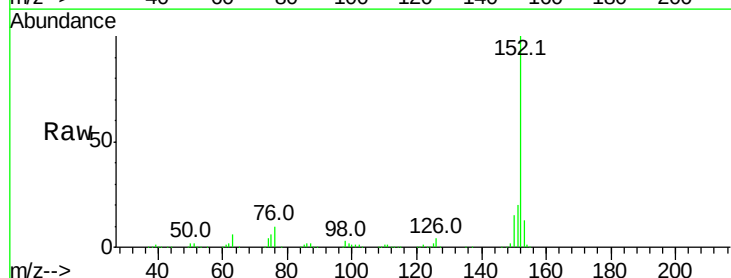
Instrument :
 BNA_F
 ClientSampleId :

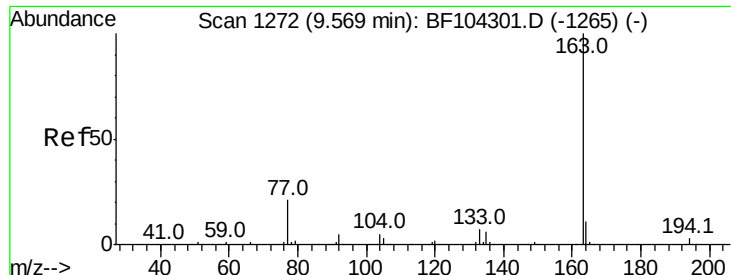
Tot Ion: 65 Resp: 173495
 Ion Ratio Lower Upper
 65 100
 92 72.2 55.8 83.6
 138 112.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 33.842 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion:152 Resp: 835269
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.2 10.7 16.1

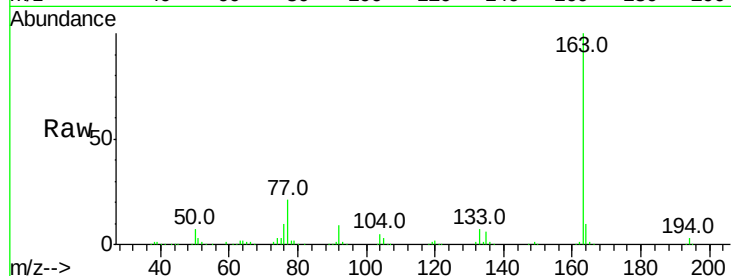




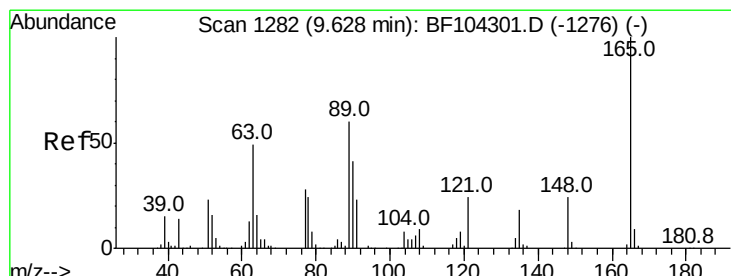
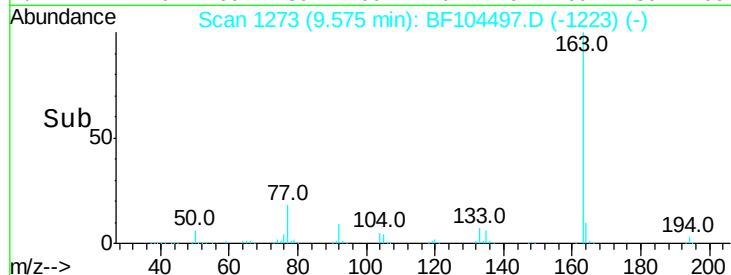
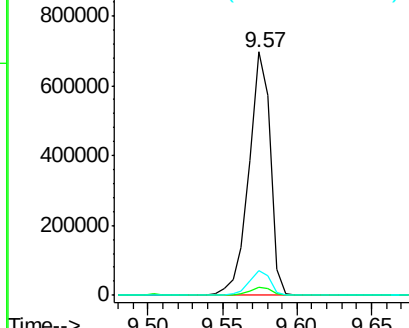
#49
Dimethylphthalate
Concen: 36.728 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 686638
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

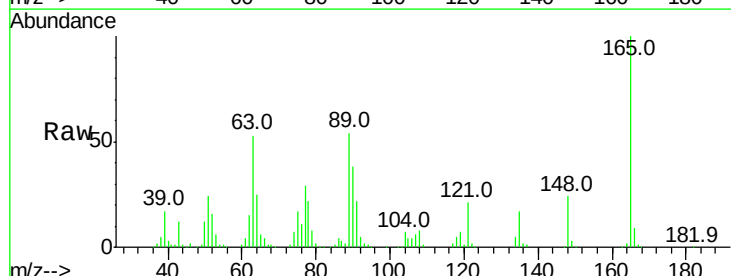


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

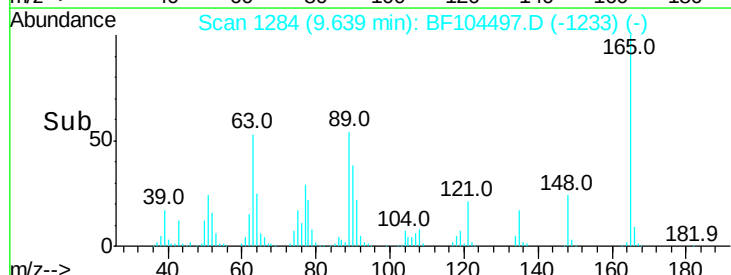
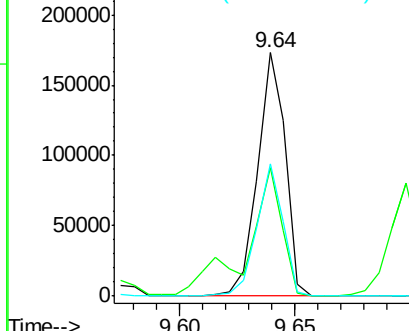


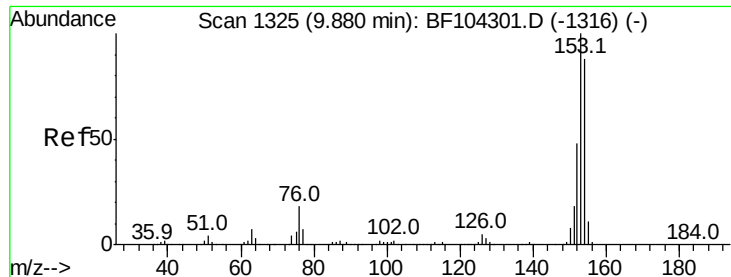
#50
2,6-Dinitrotoluene
Concen: 41.926 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:165 Resp: 145037
Ion Ratio Lower Upper
165 100
63 52.9 44.7 67.1
89 54.4 44.0 66.0



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





#51

Acenaphthene

Concen: 32.131 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

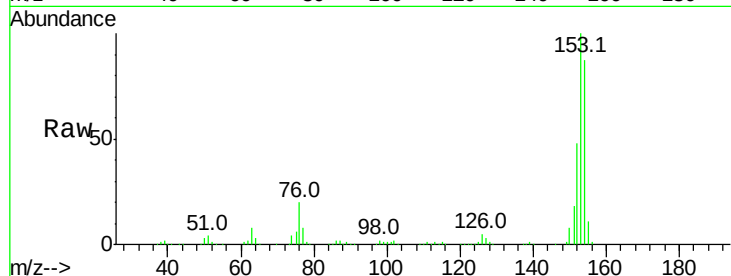
Tot Ion:154 Resp: 483869

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

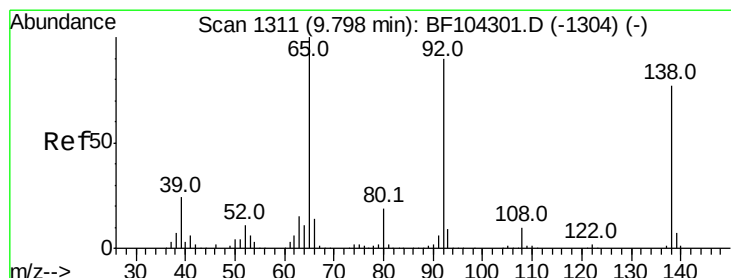
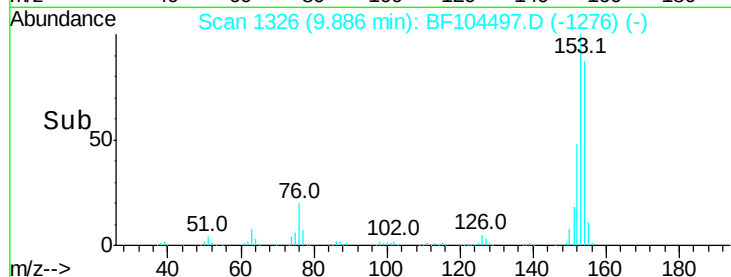
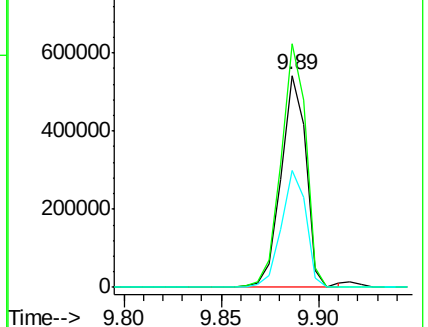
152 55.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.116 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

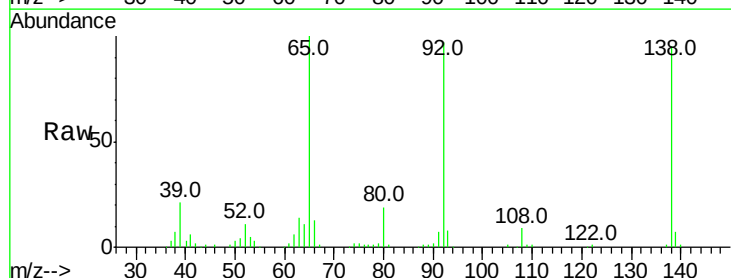
Tgt Ion:138 Resp: 81468

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.0#

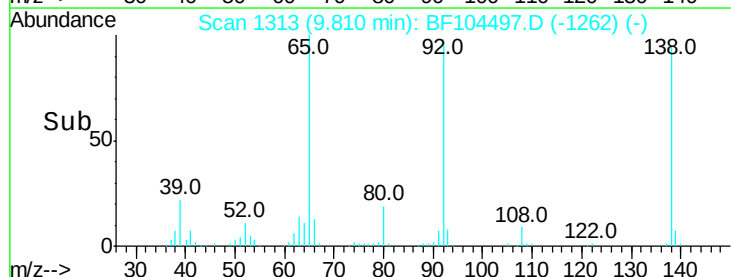
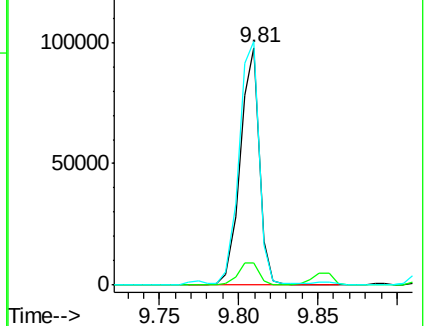
92 102.5 89.4 134.2

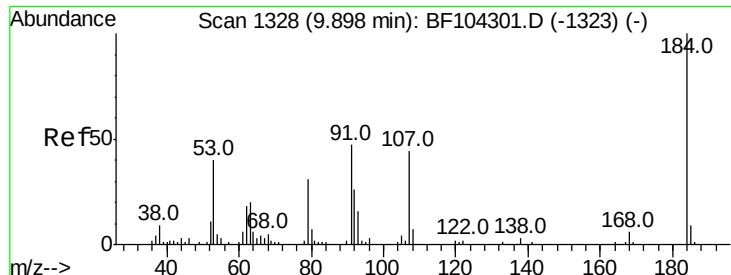


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

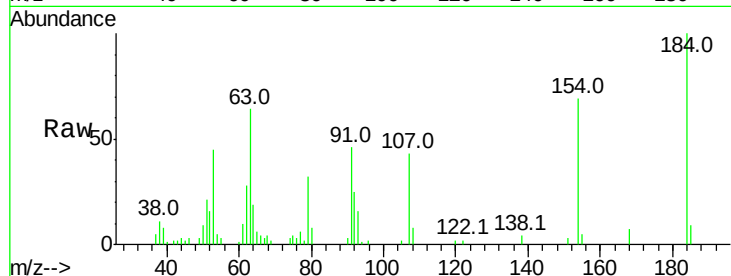




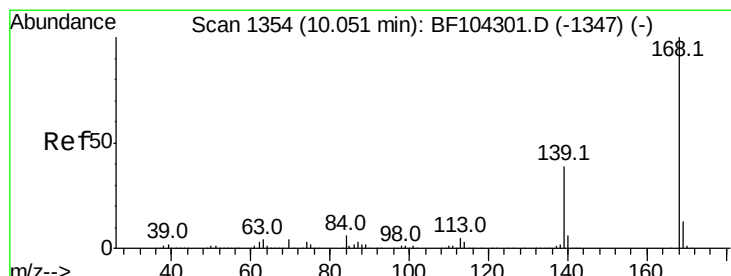
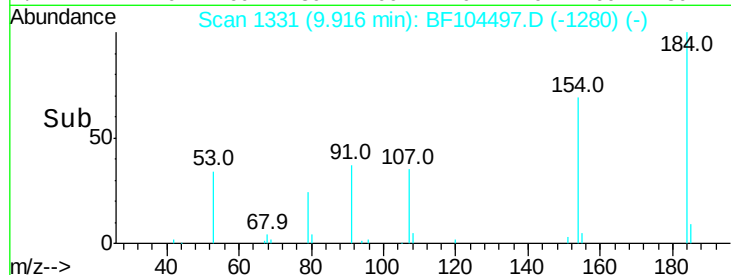
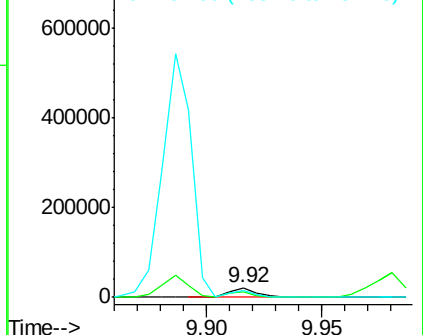
#53
 2,4-Dinitrophenol
 Concen: 21.853 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 17876
 Ion Ratio Lower Upper
 184 100
 63 64.2 54.2 81.2
 154 69.2 184.0 276.0#

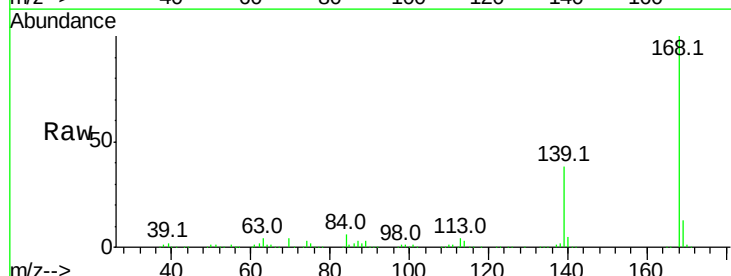


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

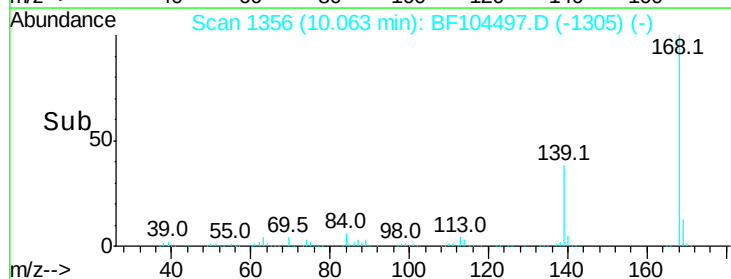
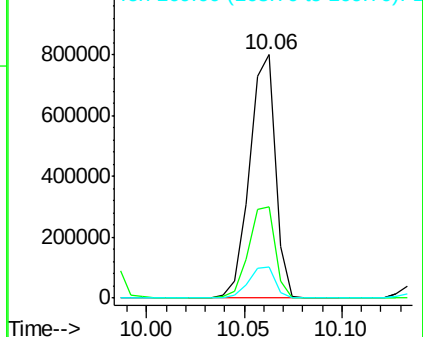


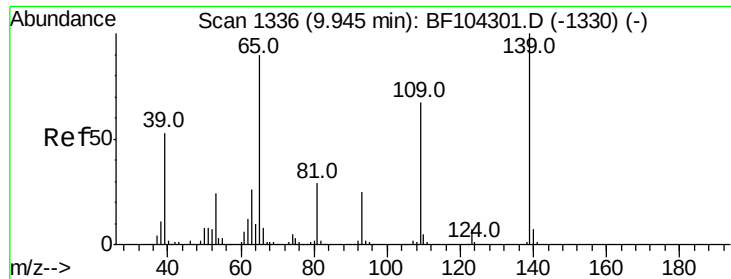
#54
 Dibenzofuran
 Concen: 35.051 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion:168 Resp: 735591
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 12.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 61.682 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

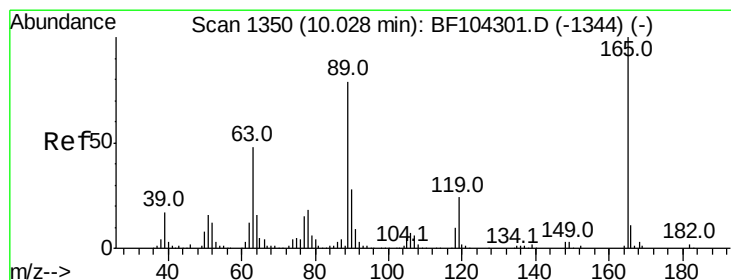
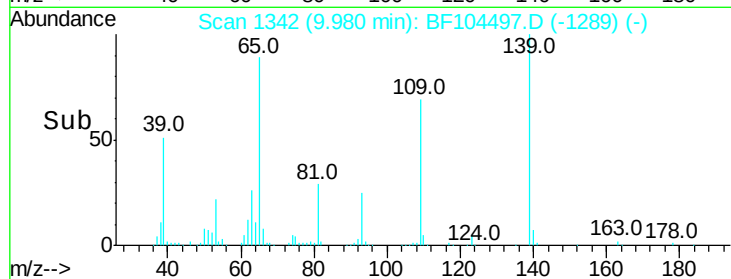
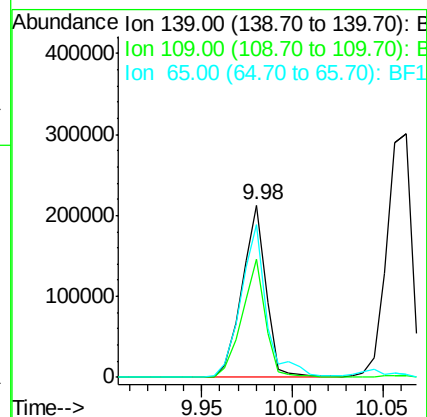
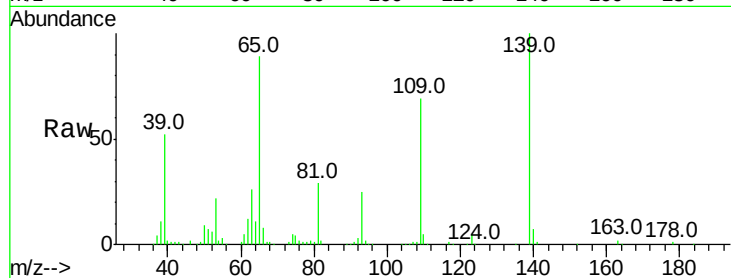
Tot Ion:139 Resp: 196229

Ion Ratio Lower Upper

139 100

109 68.8 48.4 88.4

65 89.0 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 38.672 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Tgt Ion:165 Resp: 175483

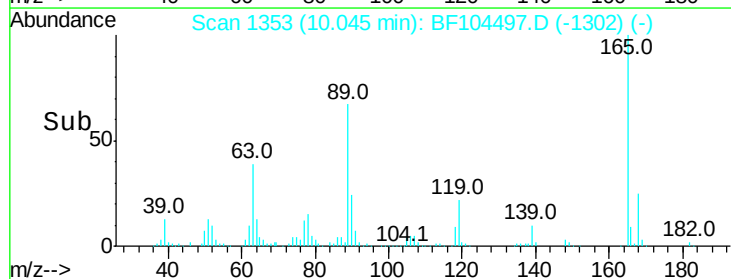
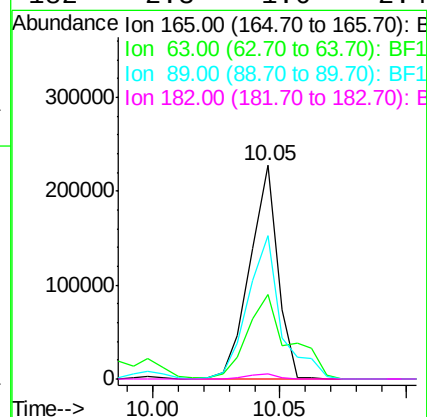
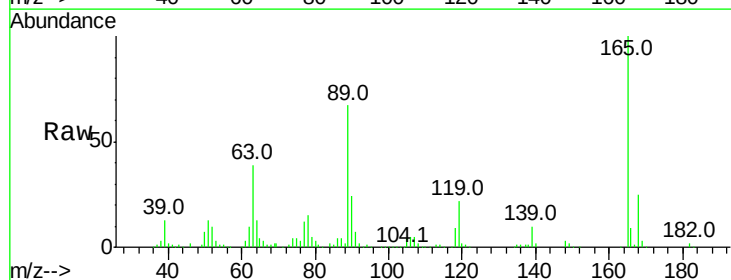
Ion Ratio Lower Upper

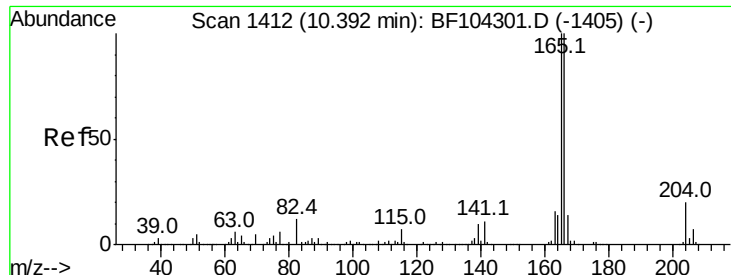
165 100

63 39.5 36.4 54.6

89 67.1 57.8 86.6

182 2.3 1.6 2.4

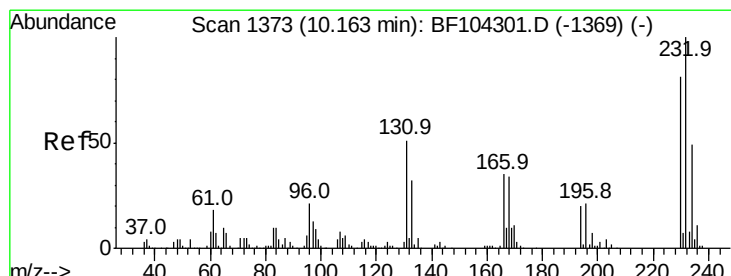
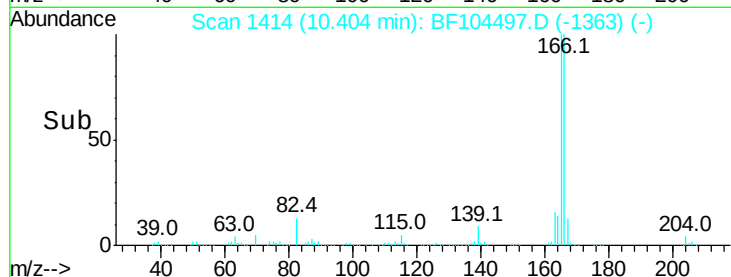
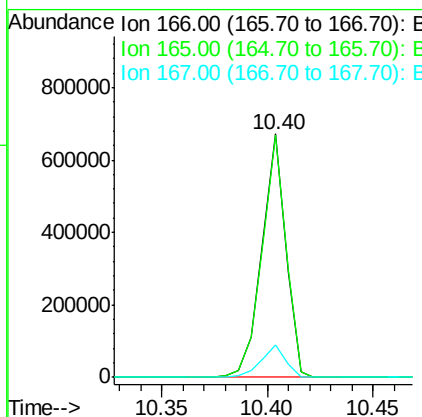
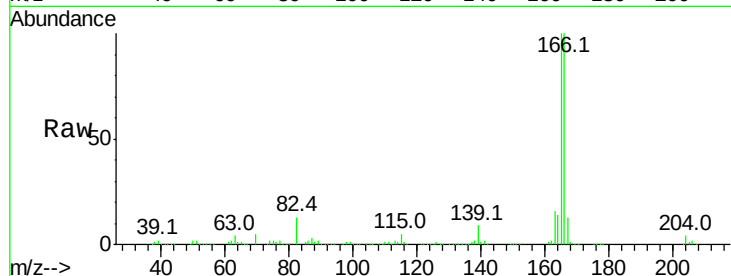




#57
 Fluorene
 Concen: 35.060 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

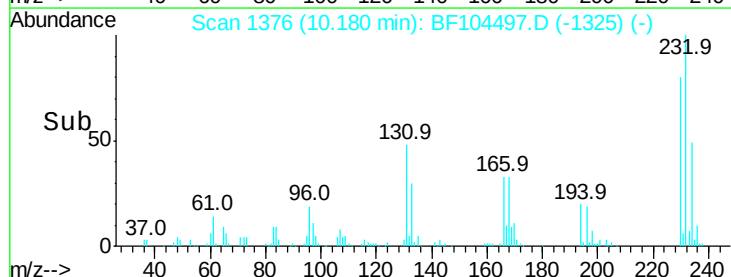
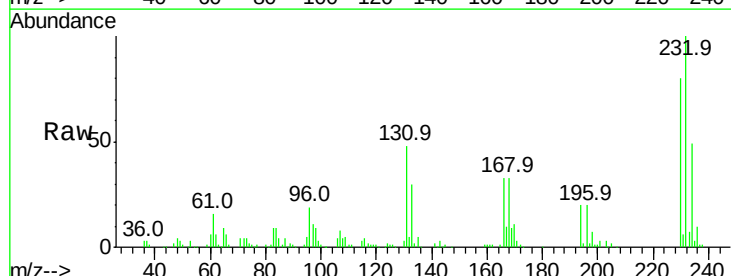
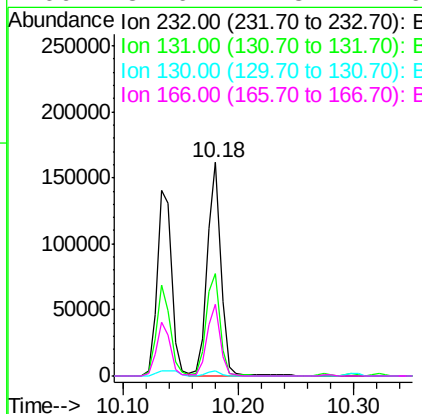
Instrument :
 BNA_F
 ClientSampleId :

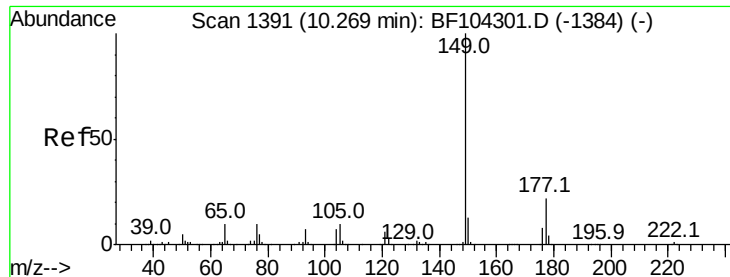
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.964 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	43.8	65.8
130	2.5	2.1	3.1
166	32.6	27.8	41.6





#59

Diethylphthalate

Concen: 34.725 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

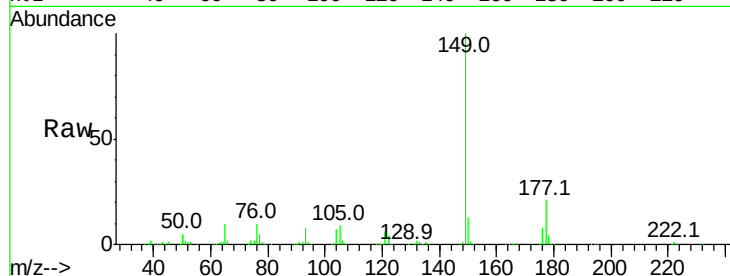
Tot Ion:149 Resp: 646557

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

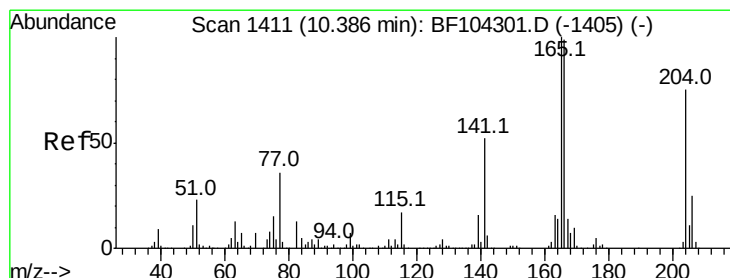
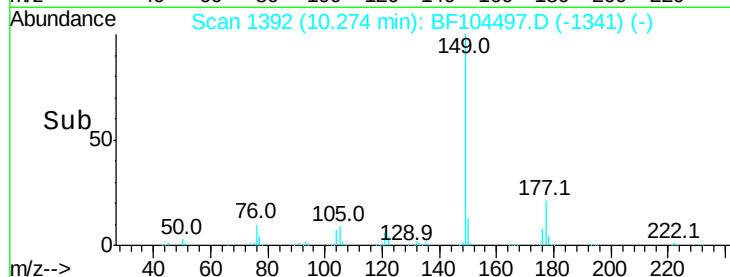
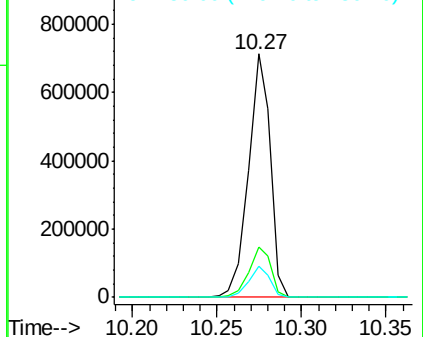
150 12.7 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 38.333 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

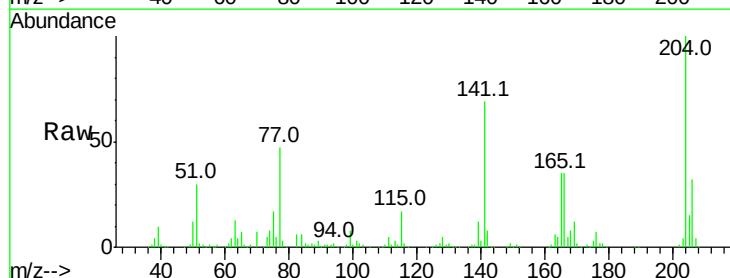
Tgt Ion:204 Resp: 260775

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

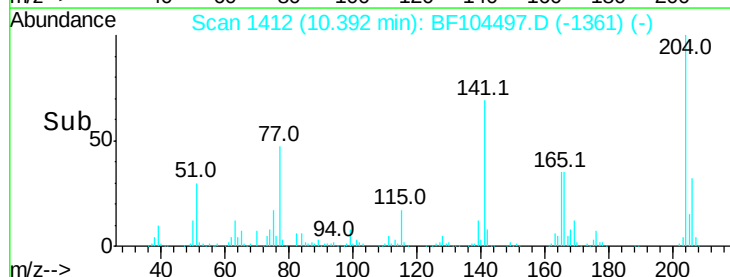
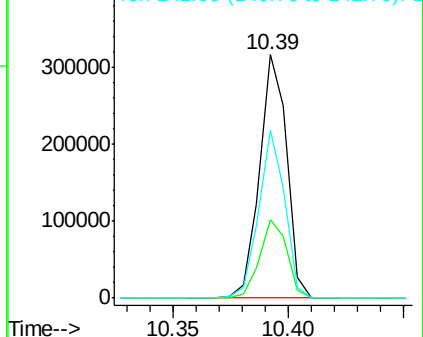
141 69.1 54.6 81.8

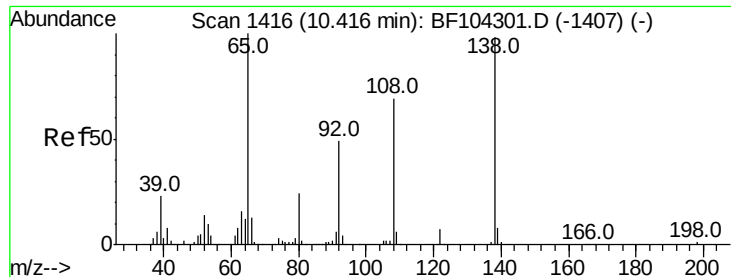


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.147 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

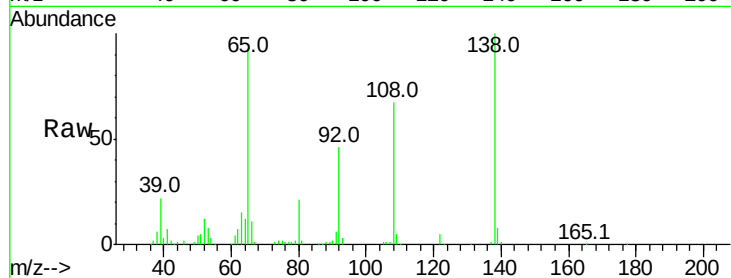
Tot Ion:138 Resp: 131258

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

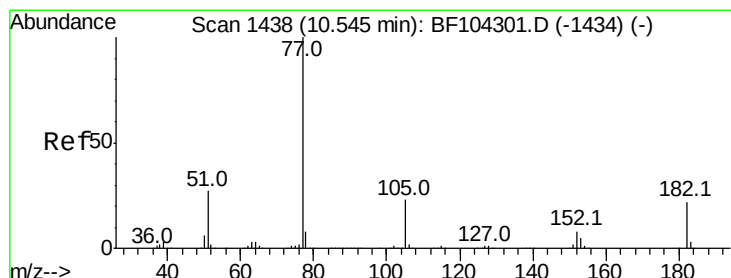
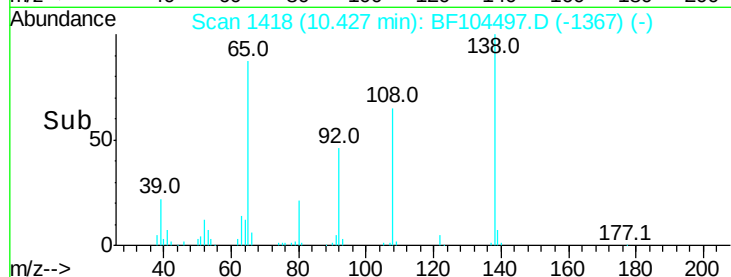
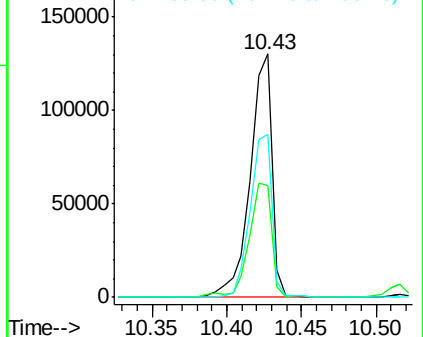
108 67.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.087 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Tgt Ion: 77 Resp: 570776

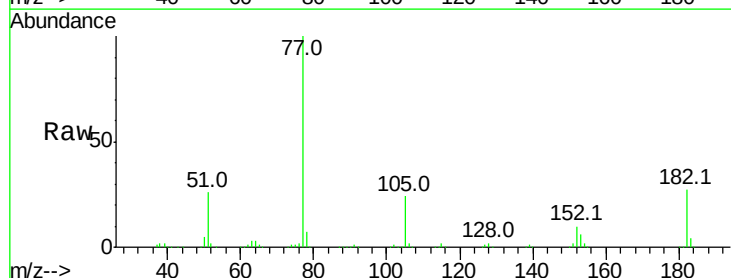
Ion Ratio Lower Upper

77 100

182 26.5 1.7 41.7

105 23.9 3.0 43.0

51 25.8 9.9 49.9

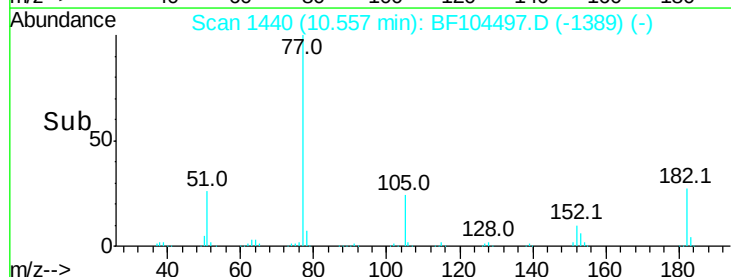
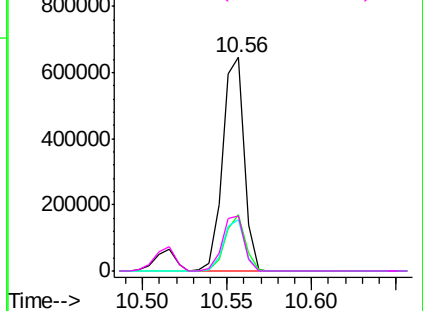


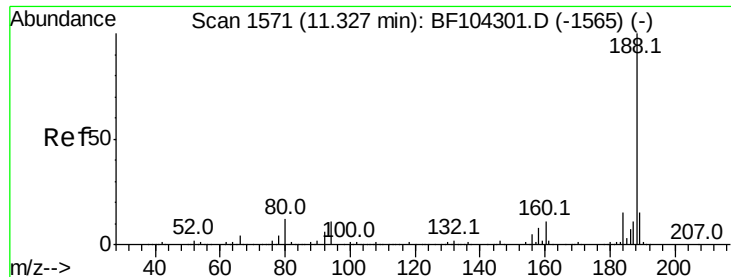
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

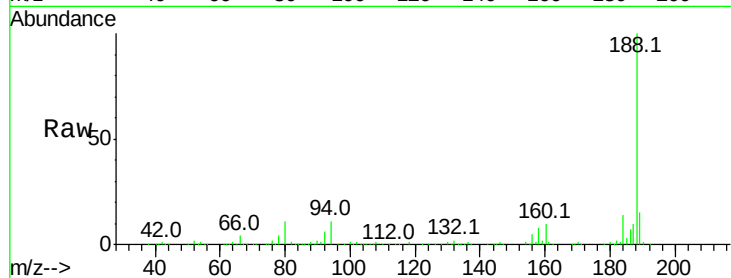




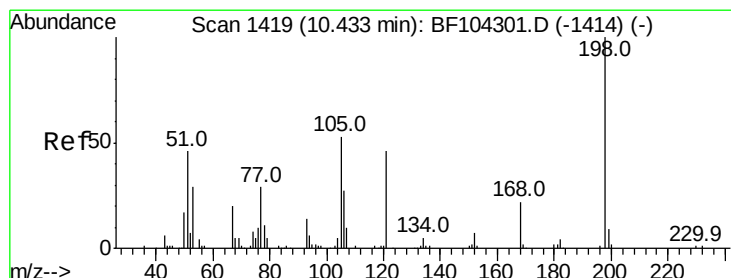
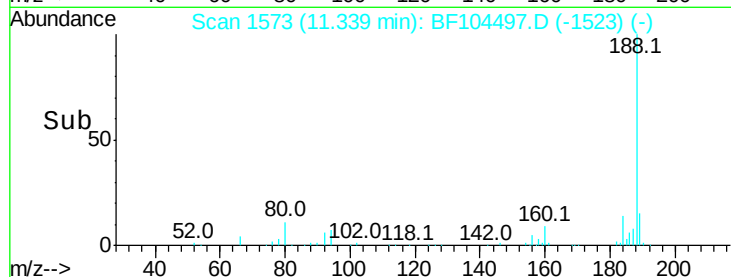
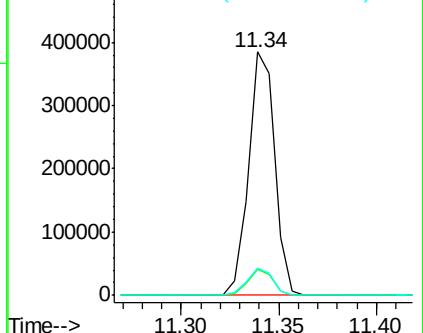
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 356755
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8

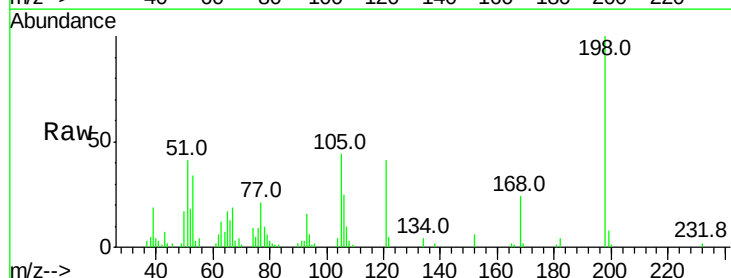


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

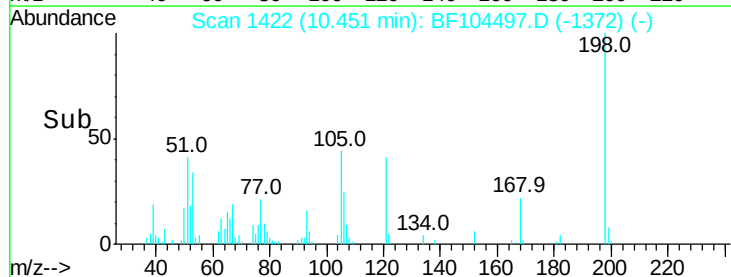
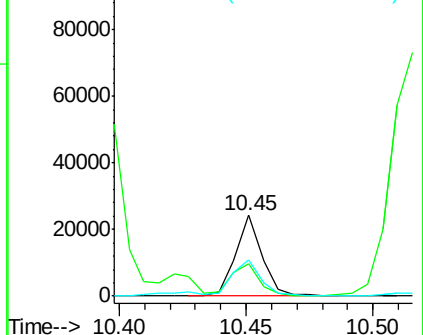


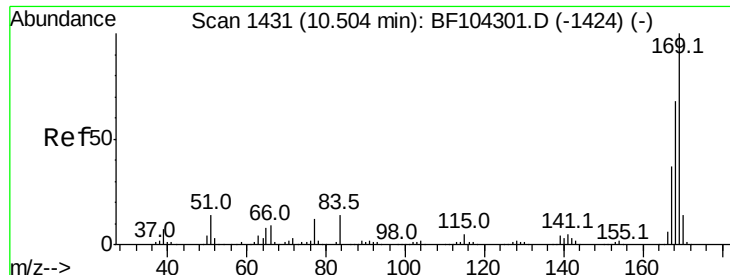
#64
4,6-Dinitro-2-methylphenol
Concen: 15.879 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:198 Resp: 17504
Ion Ratio Lower Upper
198 100
51 40.7 37.7 77.7
105 44.2 36.3 76.3



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

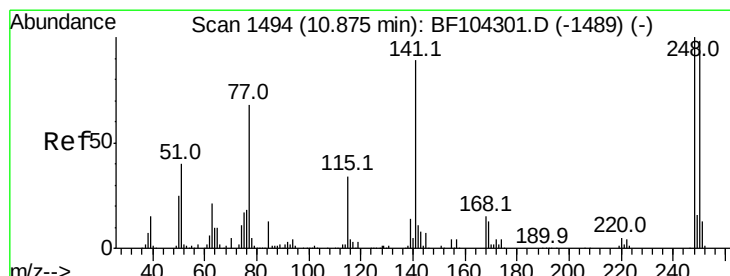
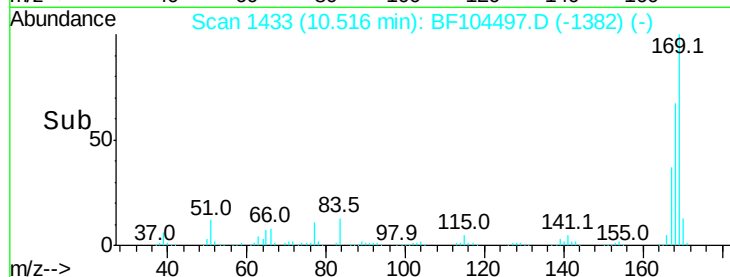
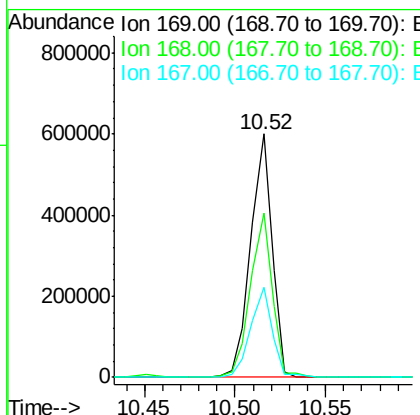
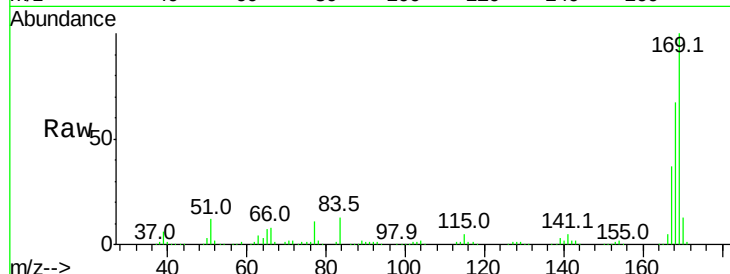




#65
 n-Nitrosodiphenylamine
 Concen: 40.189 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

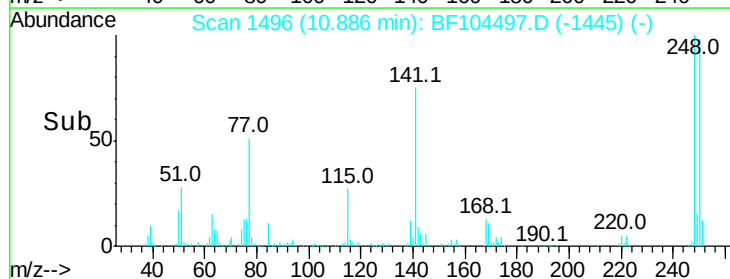
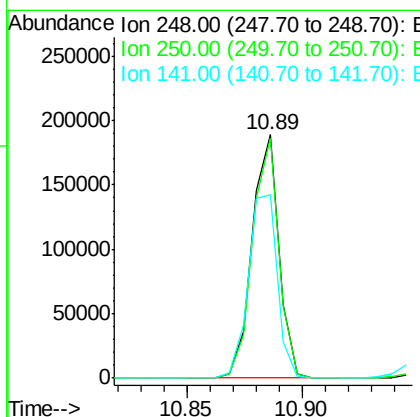
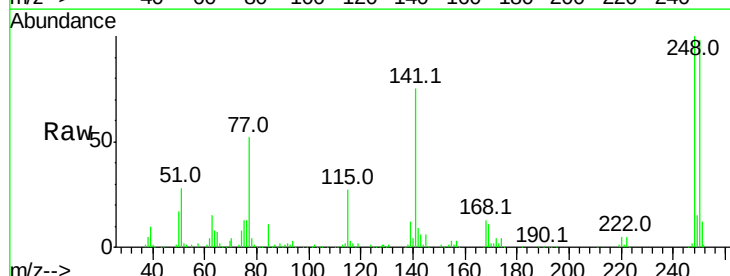
Instrument :
 BNA_F
 ClientSampleId :

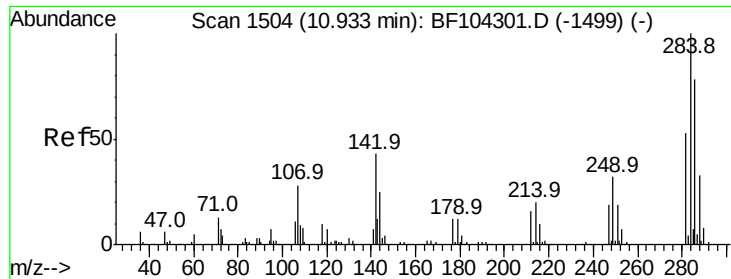
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.392 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	75.2	74.4	111.6

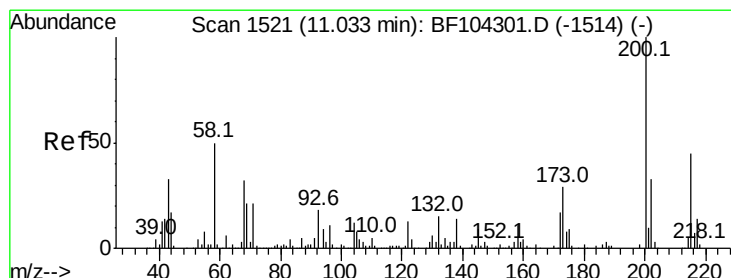
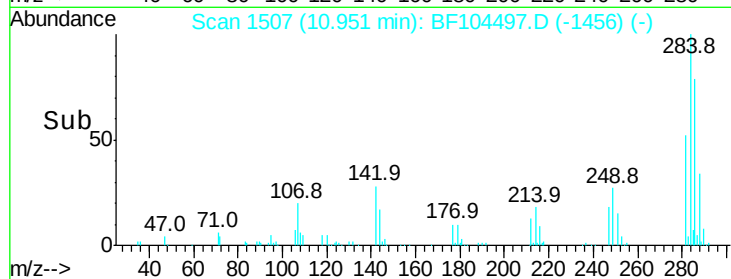
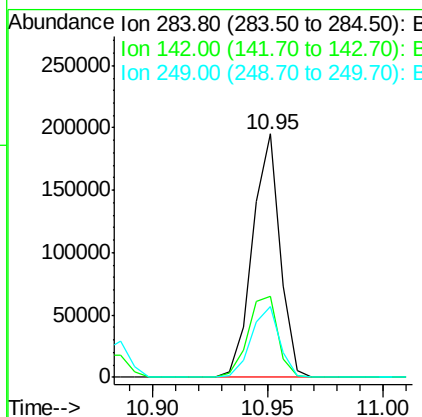
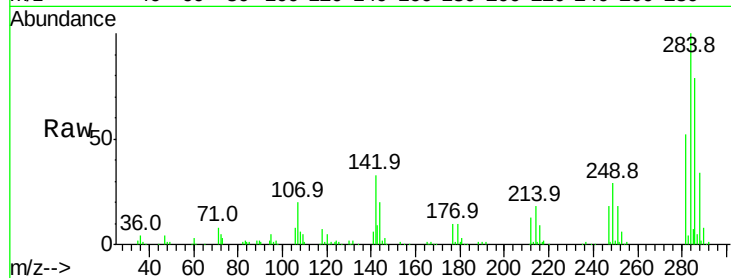




#67
 Hexachlorobenzene
 Concen: 38.050 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

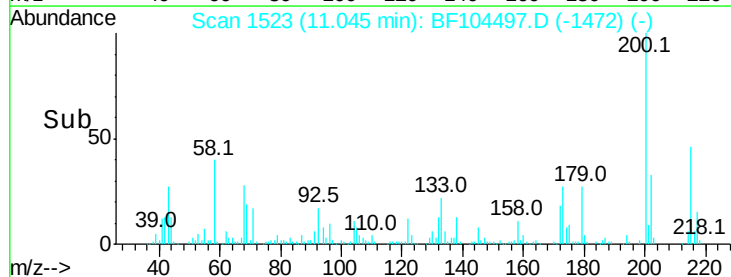
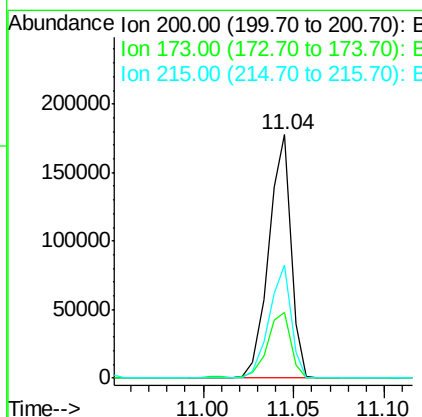
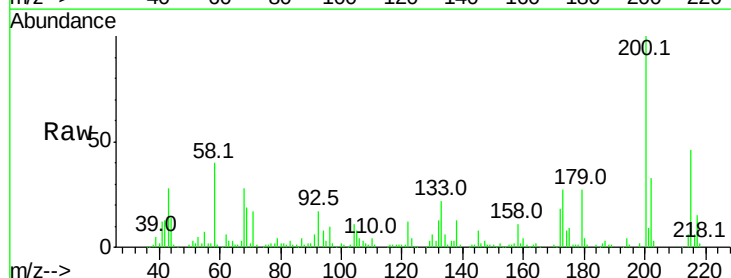
Instrument :
 BNA_F
 ClientSampled :

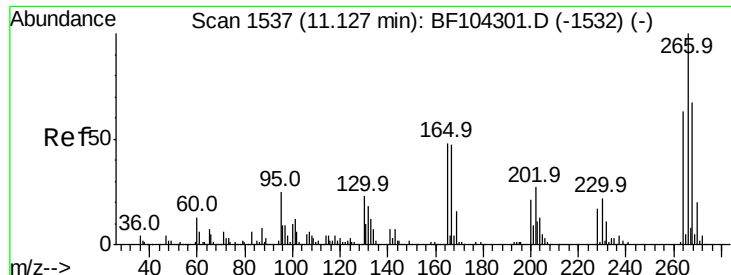
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	34.6	52.0#
249	28.9	24.8	37.2



#68
 Atrazine
 Concen: 40.520 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	46.4	25.1	65.1

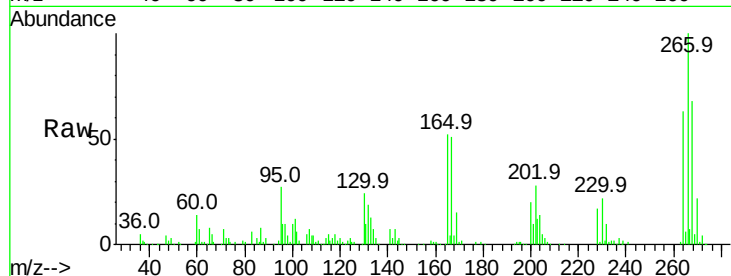




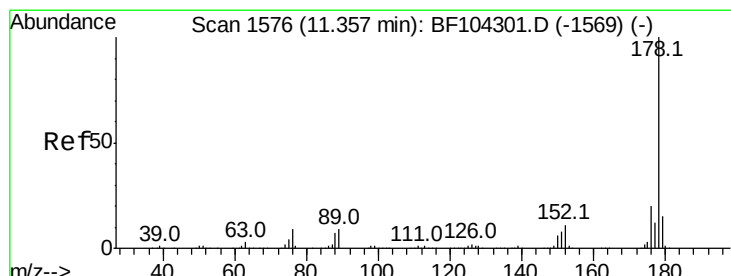
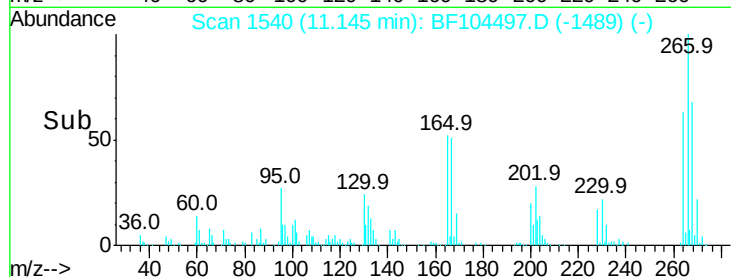
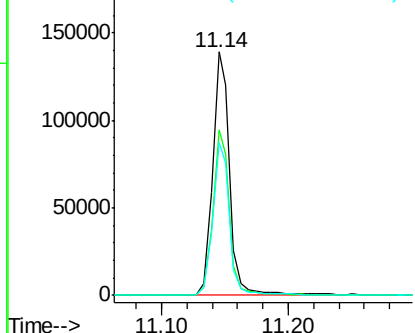
#69
 Pentachlorophenol
 Concen: 49.931 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	51.1	76.7
264	62.9	49.5	74.3

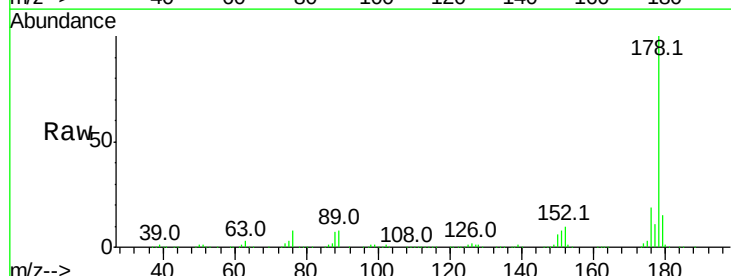


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

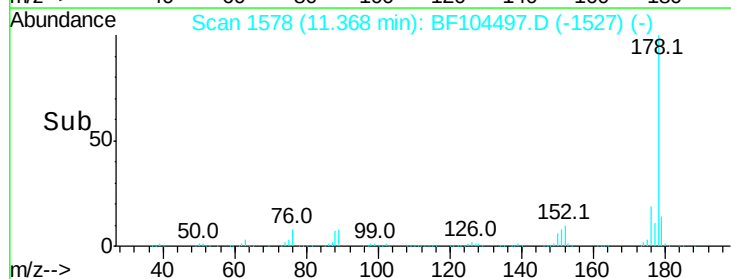
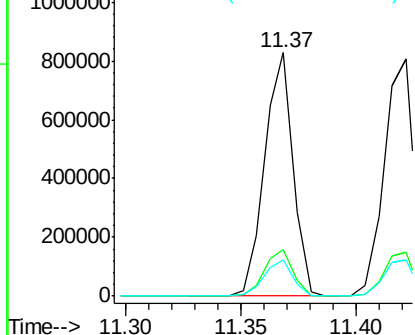


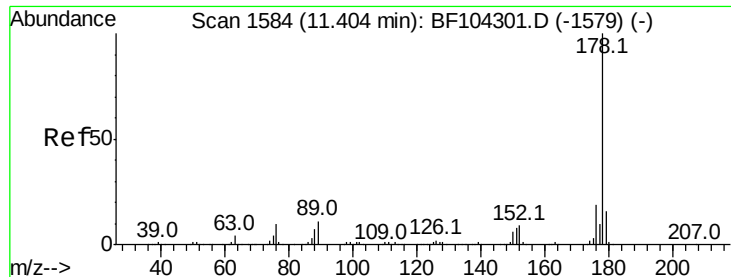
#70
 Phenanthrene
 Concen: 35.673 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.0	13.0	19.6



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

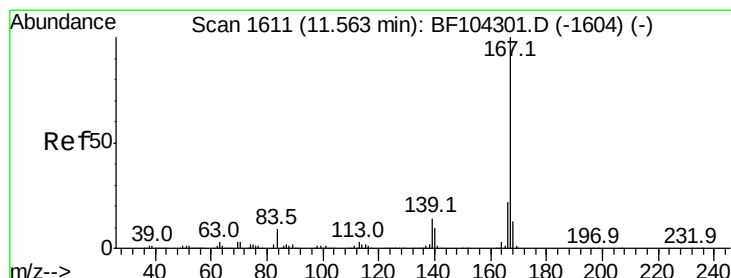
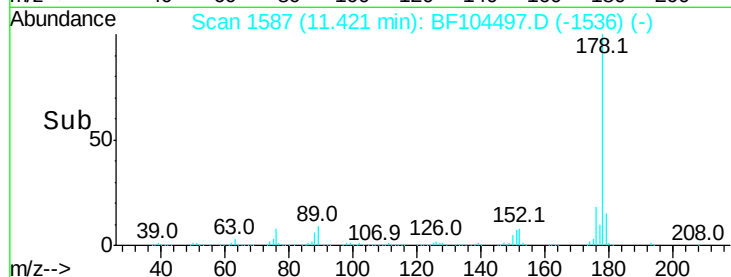
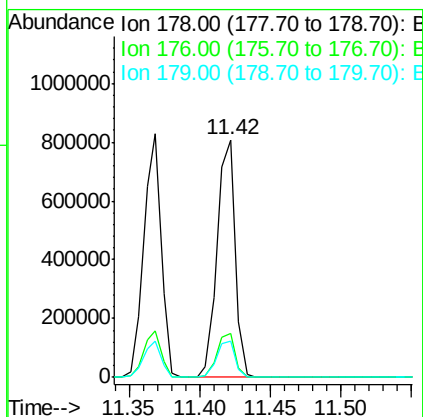
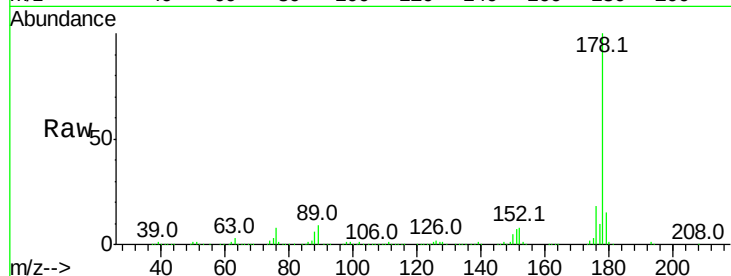




#71
 Anthracene
 Concen: 35.671 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

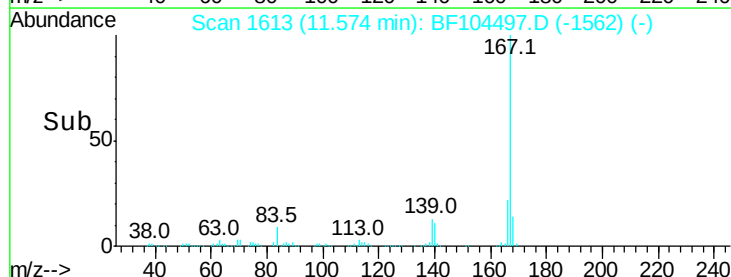
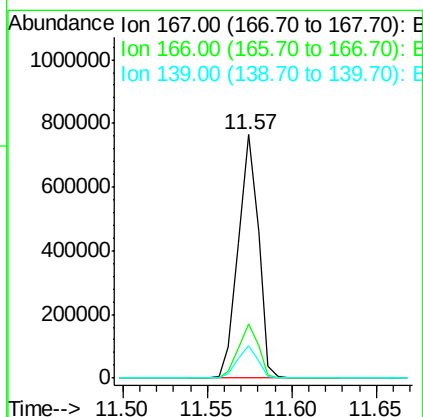
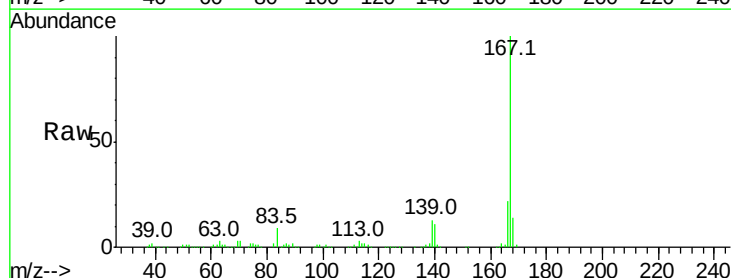
Instrument :
 BNA_F
 ClientSampleId :

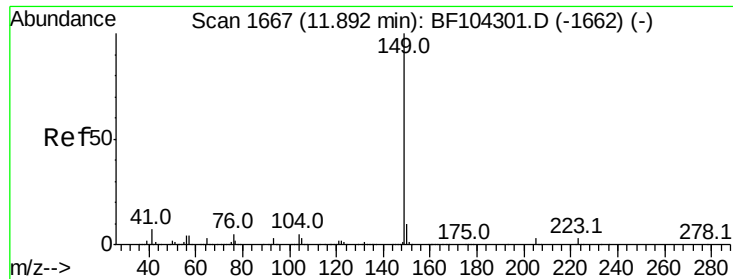
Tot Ion:178 Resp: 720395
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 32.137 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion:167 Resp: 634204
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.449 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

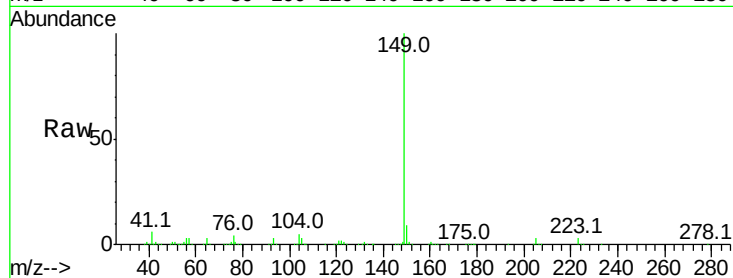
Tot Ion:149 Resp: 878677

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

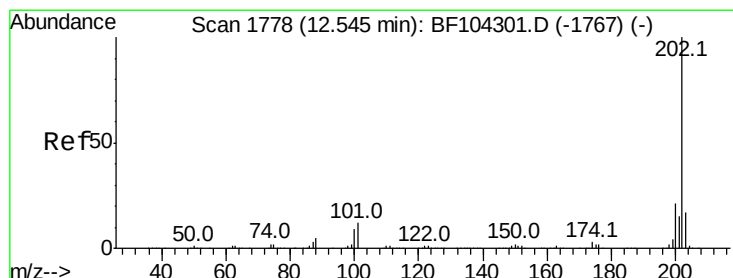
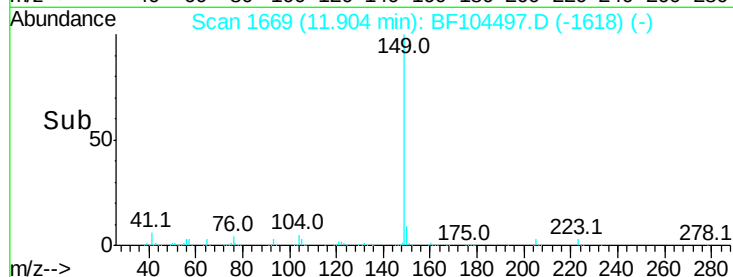
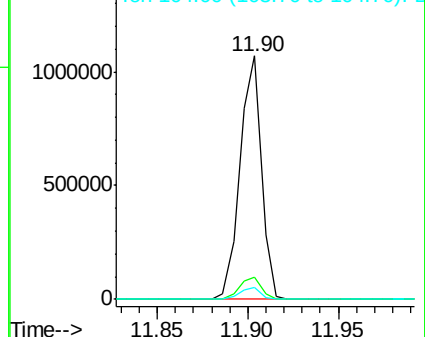
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.244 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

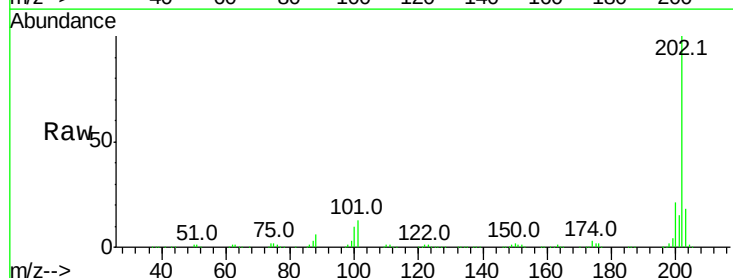
Tgt Ion:202 Resp: 648555

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

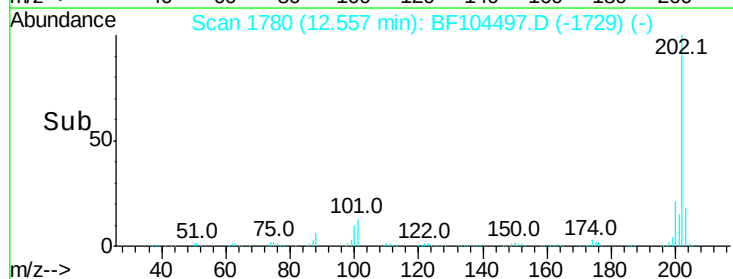
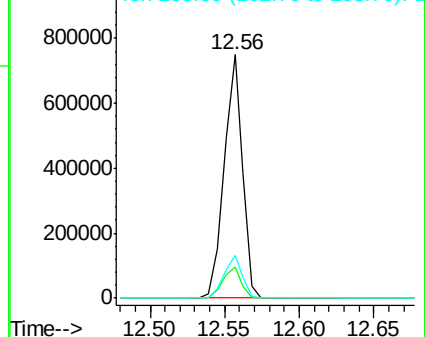
203 17.6 0.0 38.1

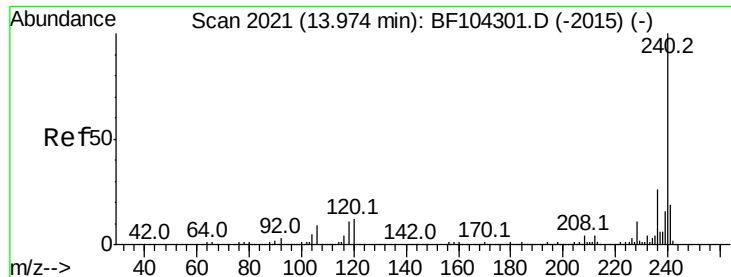


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

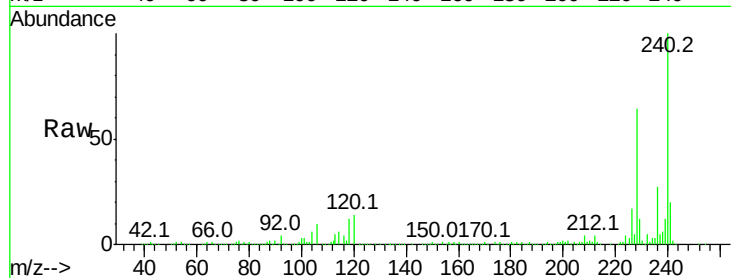
Tot Ion:240 Resp: 242279

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

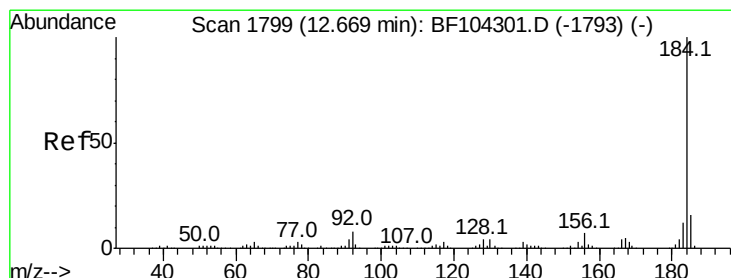
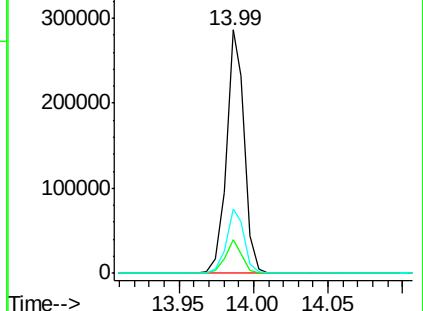
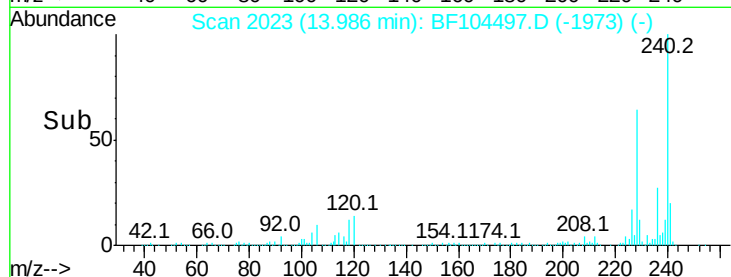
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.801 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

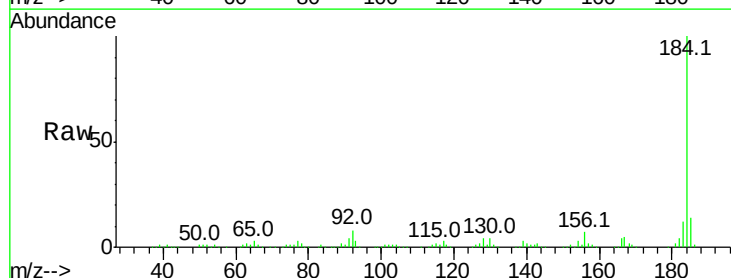
Tgt Ion:184 Resp: 315367

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

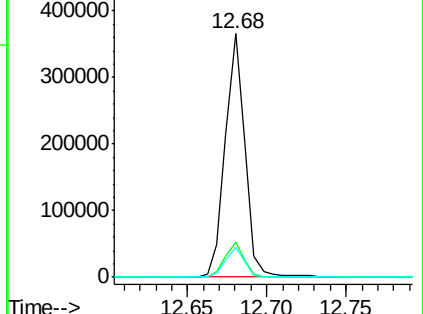
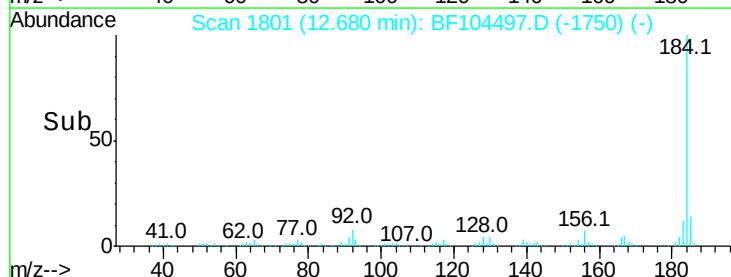
183 12.3 9.3 13.9

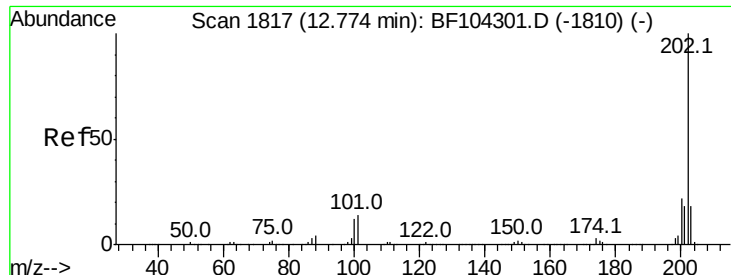


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

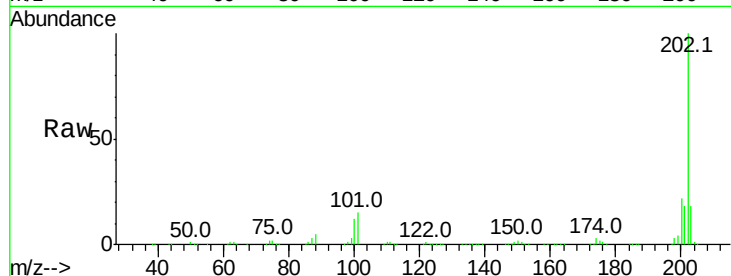




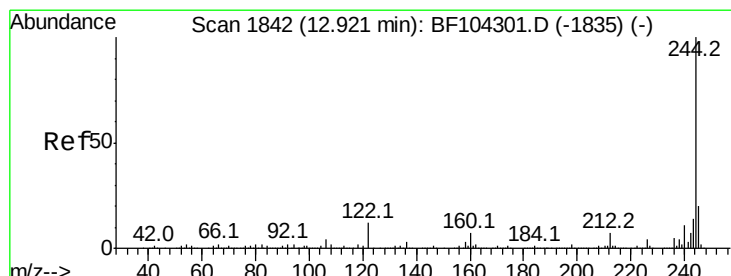
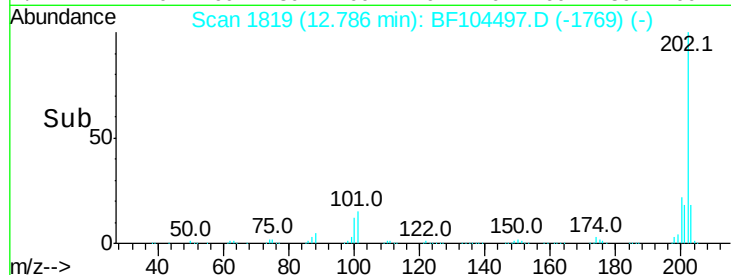
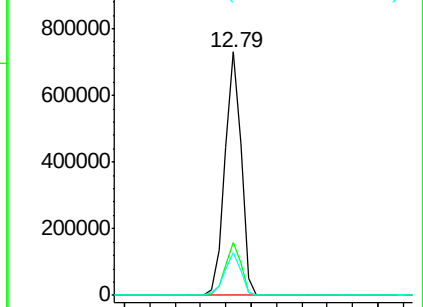
#77
 Pvrene
 Concen: 36.211 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

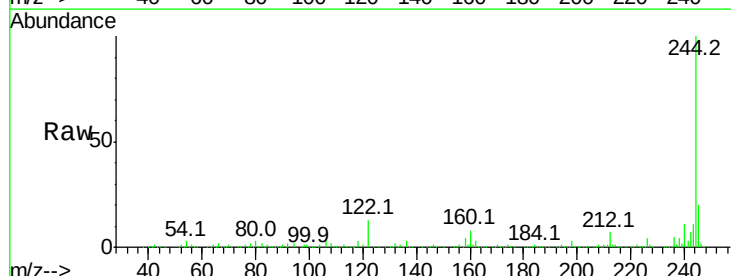


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

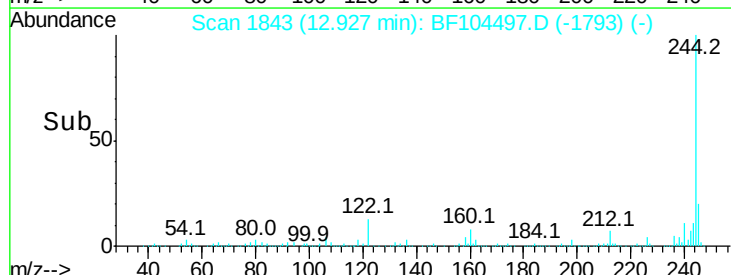
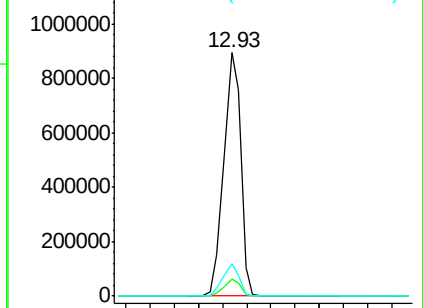


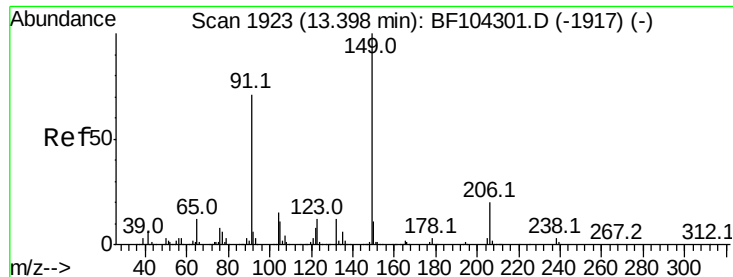
#78
 Terphenyl-d14
 Concen: 81.560 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

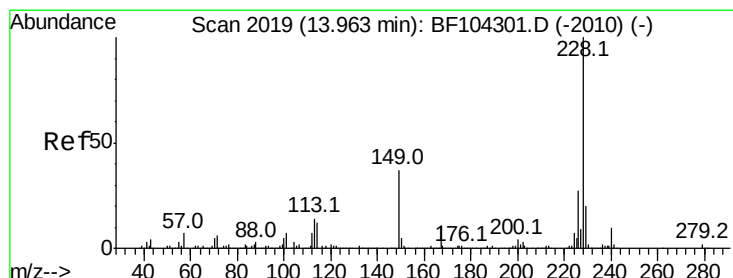
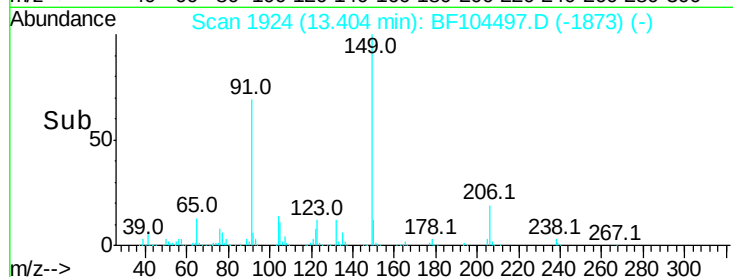
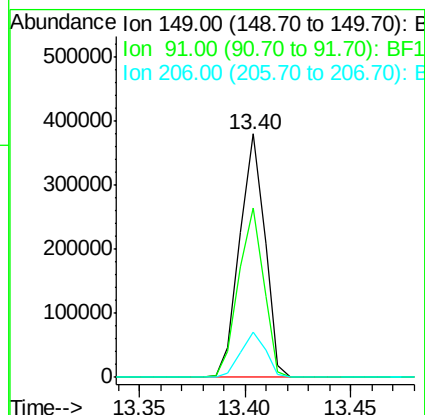
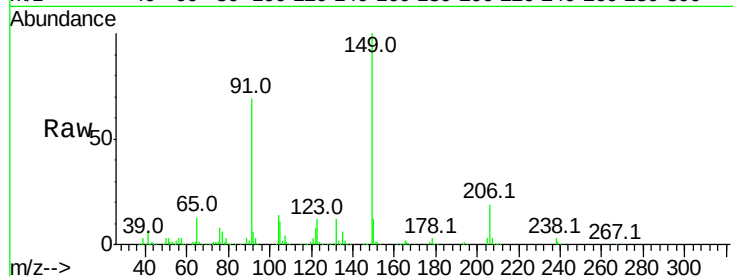




#79
Butylbenzylphthalate
Concen: 36.946 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

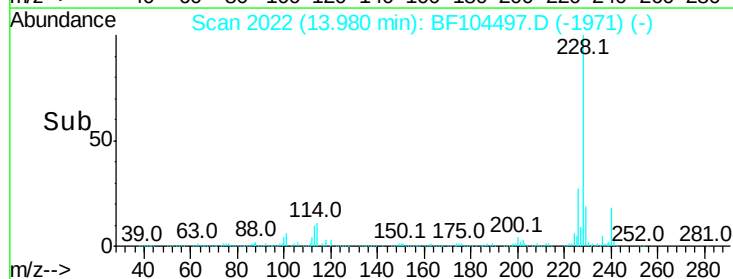
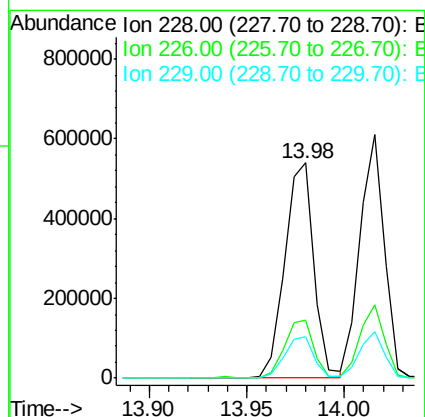
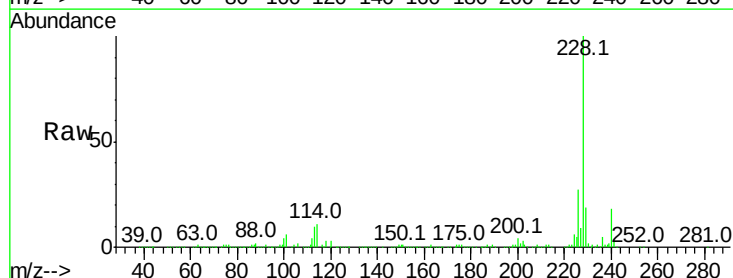
Instrument :
BNA_F
ClientSampled :

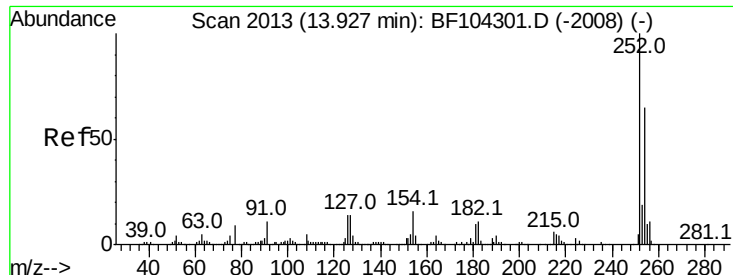
Tot Ion:149 Resp: 312581
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.315 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:228 Resp: 554570
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.049 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

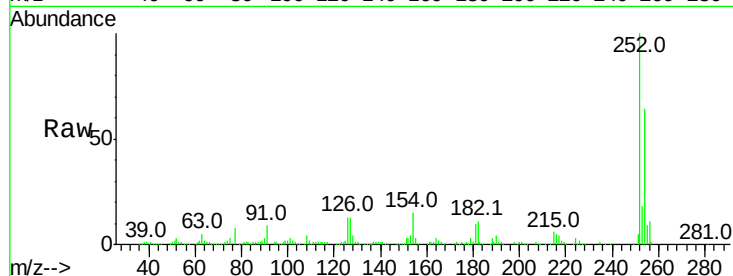
Tot Ion:252 Resp: 189147

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

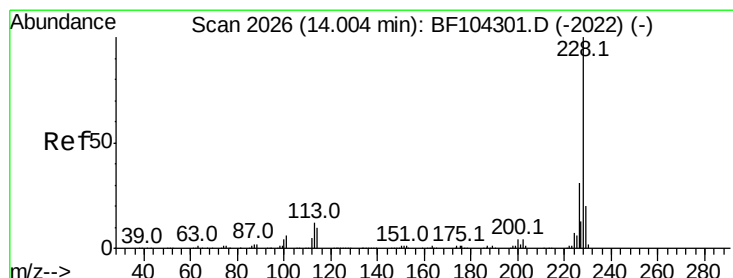
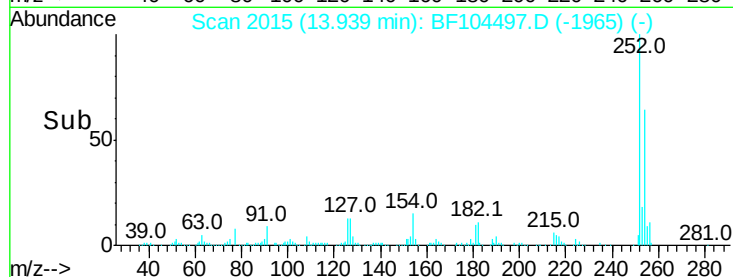
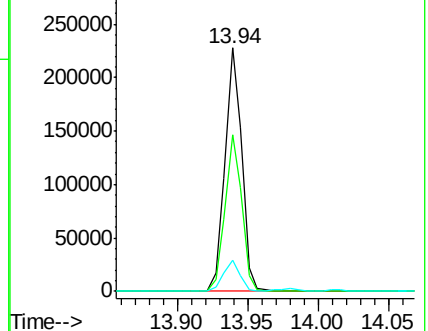
126 12.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.993 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

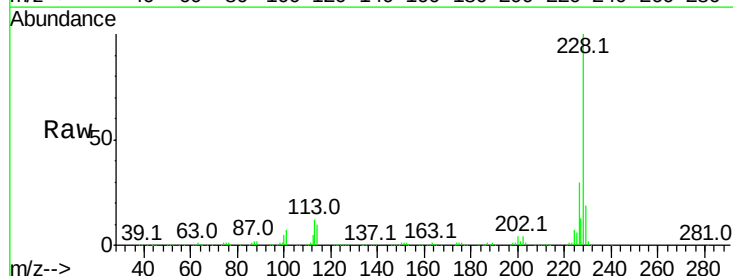
Tgt Ion:228 Resp: 535103

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

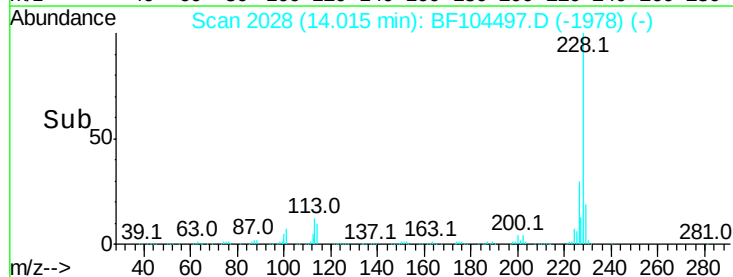
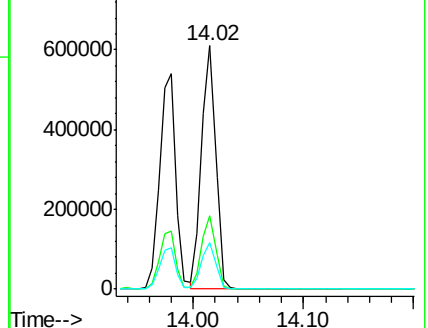
229 19.3 16.2 24.4

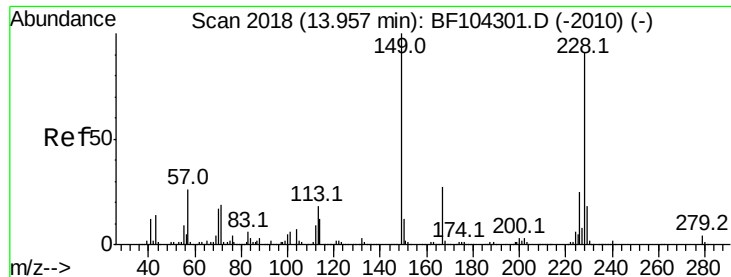


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.558 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

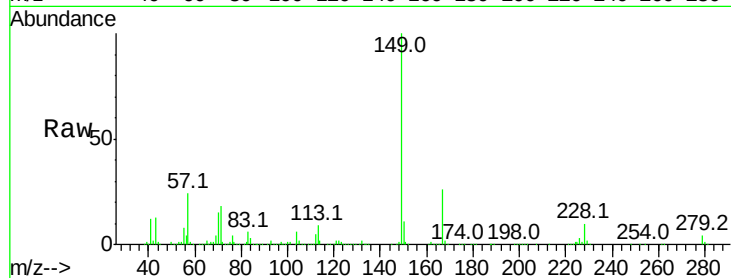
Tot Ion:149 Resp: 430485

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

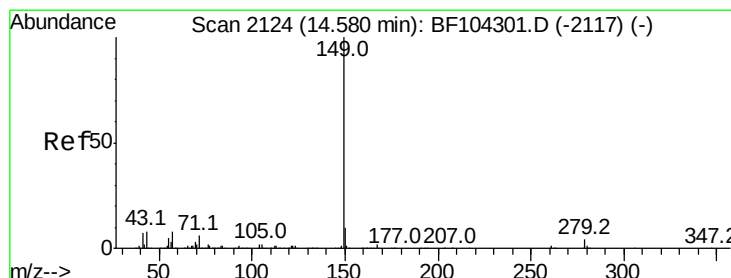
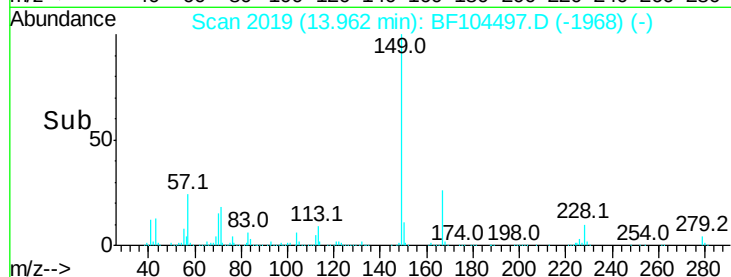
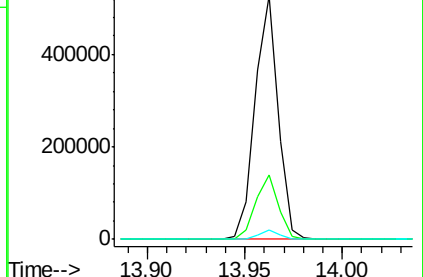
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.064 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

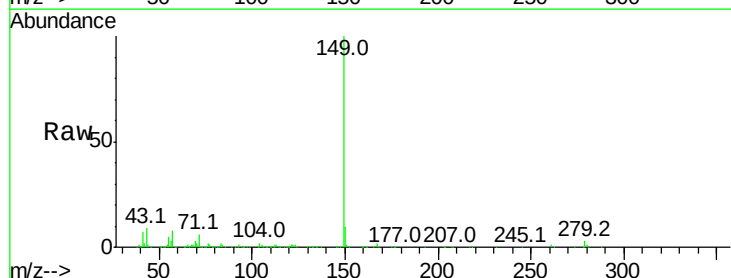
Tgt Ion:149 Resp: 710323

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

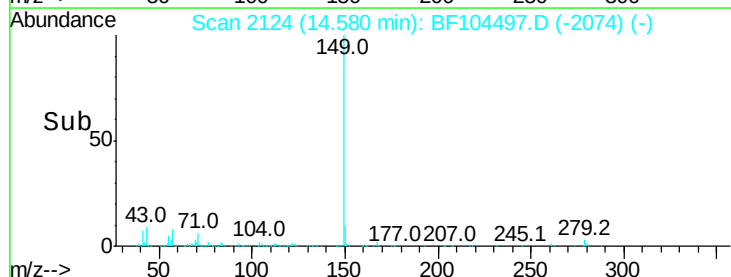
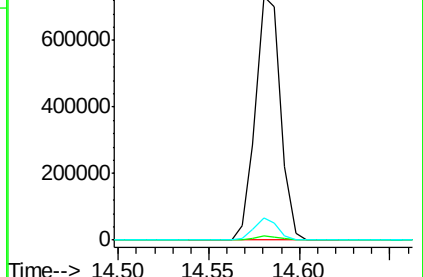
43 8.3 8.4 12.6#

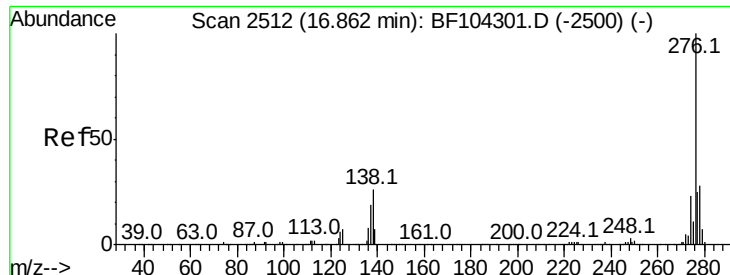


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

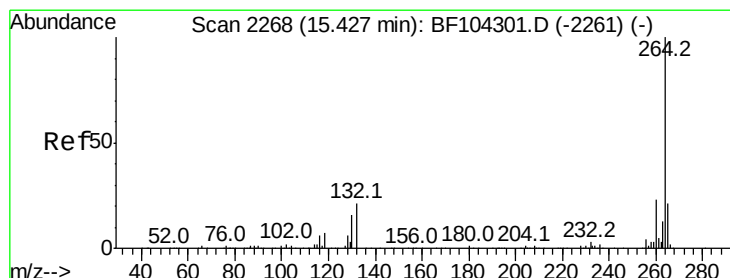
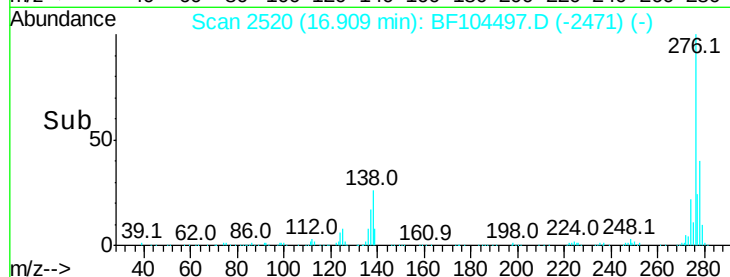
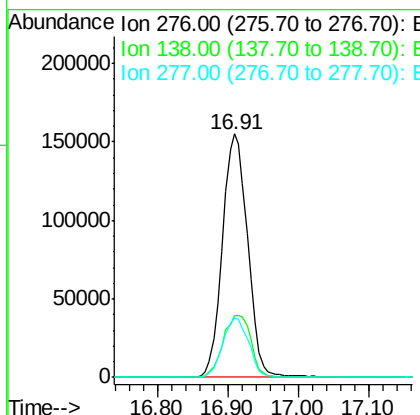
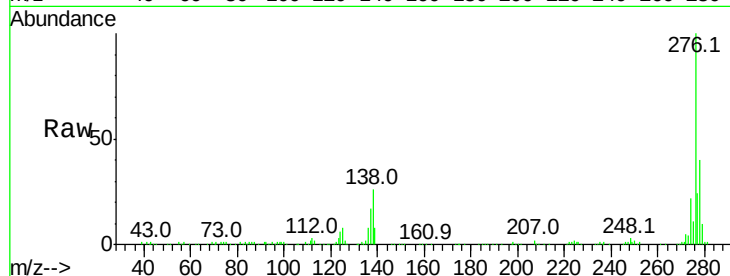




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.481 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

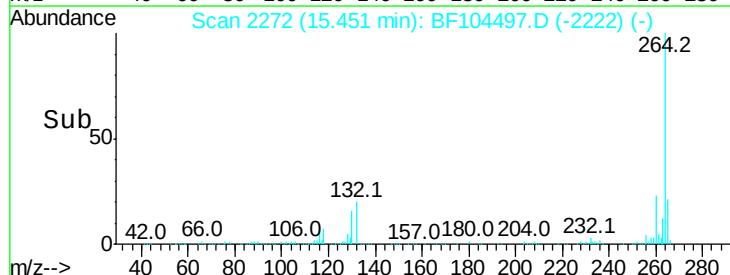
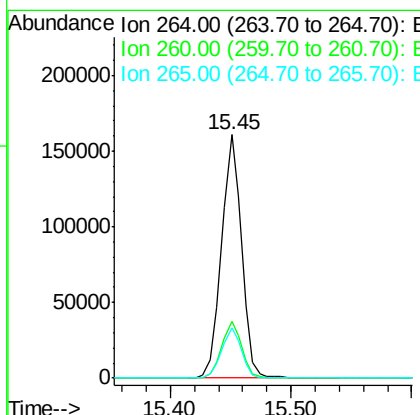
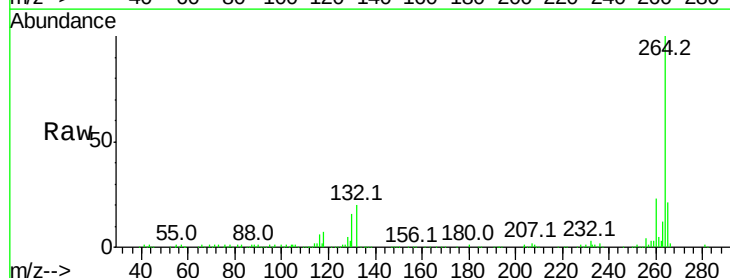
Instrument :
 BNA_F
 ClientSampleId :

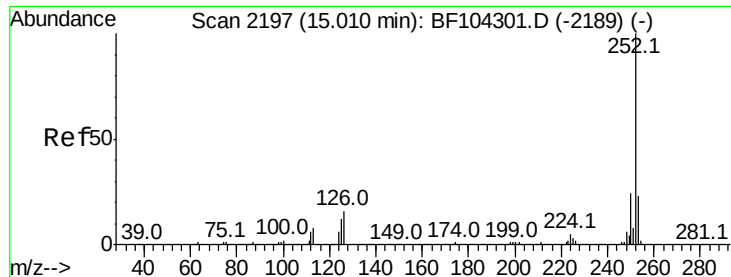
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104497.D
 Acq: 13 Apr 2018 23:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3

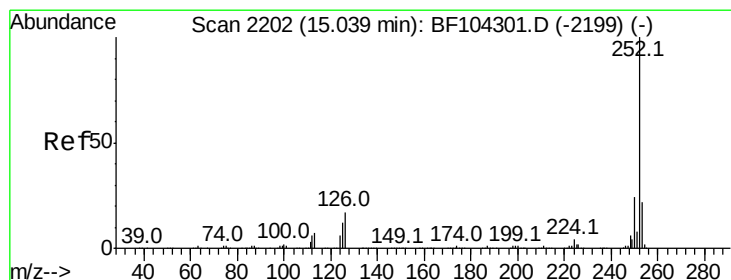
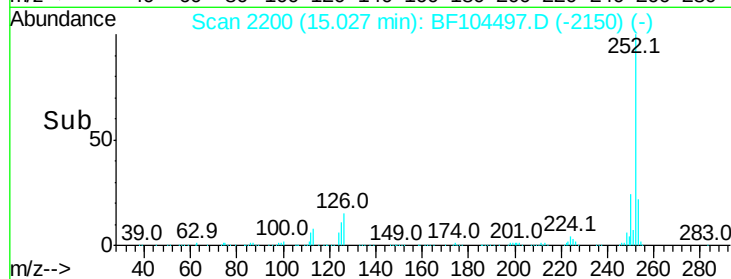
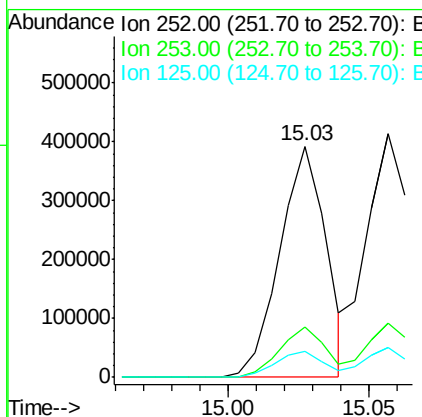
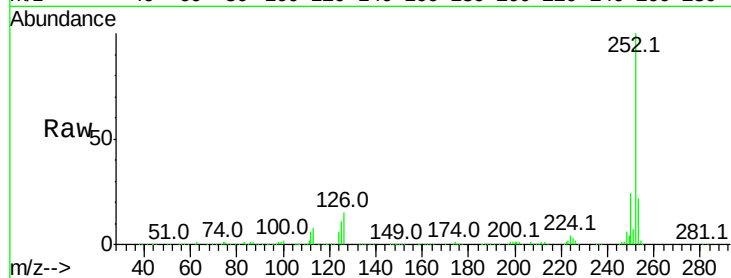




#87
Benzo(b)fluoranthene
Concen: 38.450 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

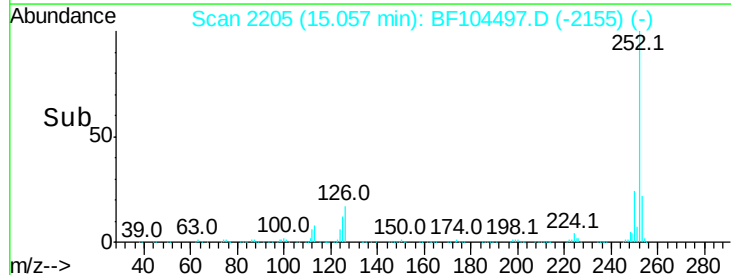
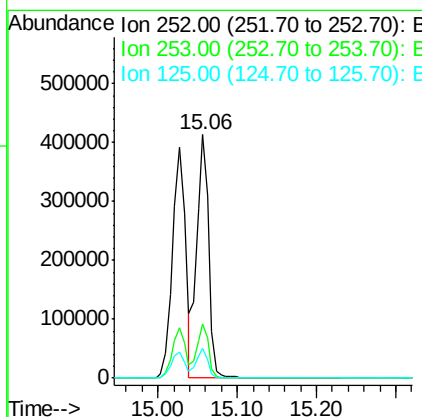
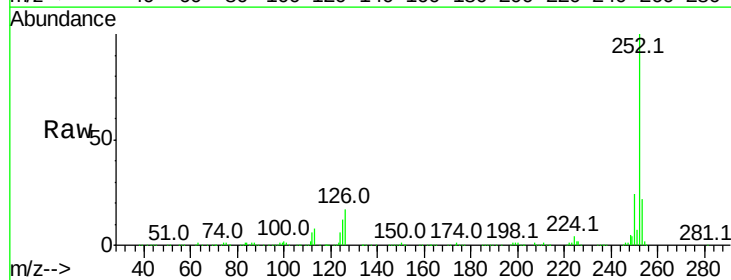
Instrument :
BNA_F
ClientSampleId :

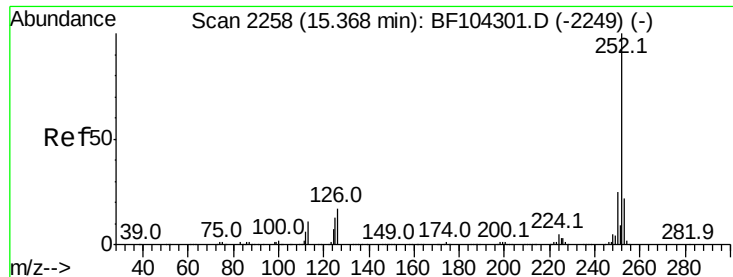
Tot Ion:252 Resp: 446768
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.499 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104497.D
Acq: 13 Apr 2018 23:35

Tgt Ion:252 Resp: 444264
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.866 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

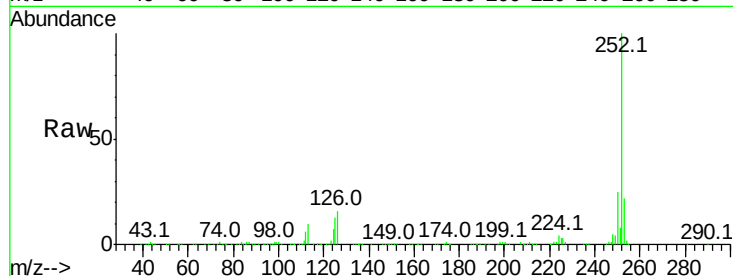
Tot Ion:252 Resp: 393670

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

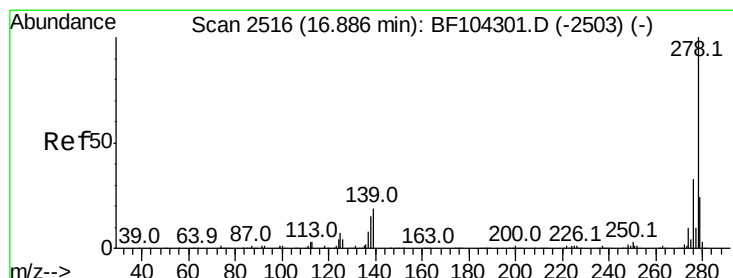
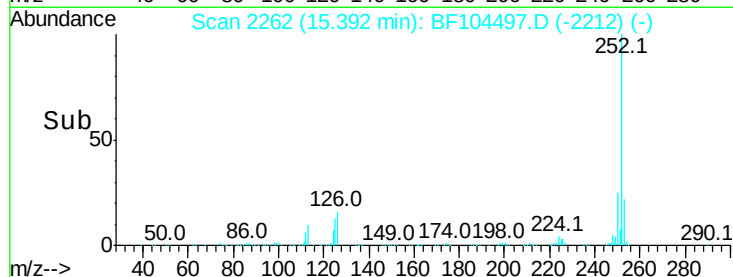
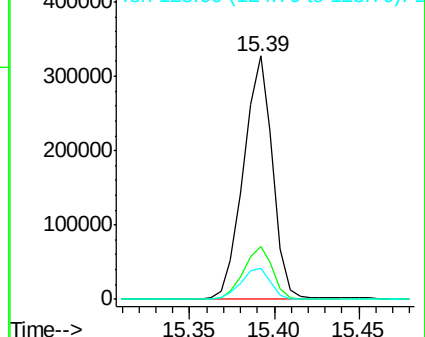
125 12.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.837 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

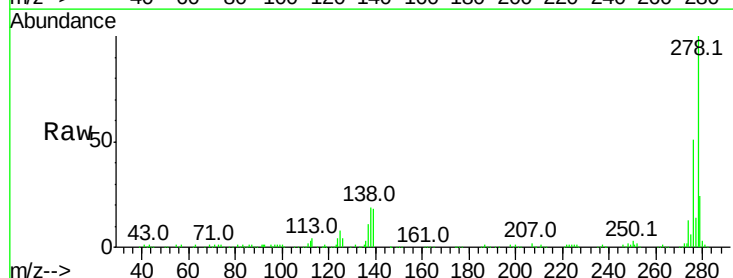
Tgt Ion:278 Resp: 323074

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

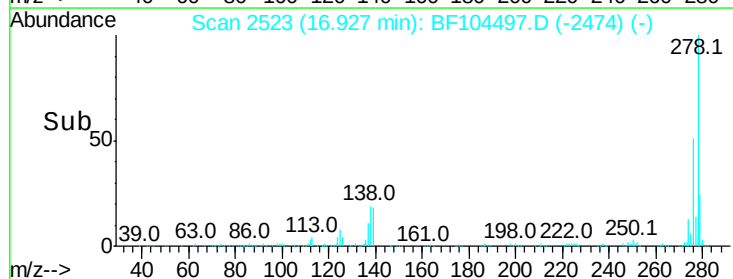
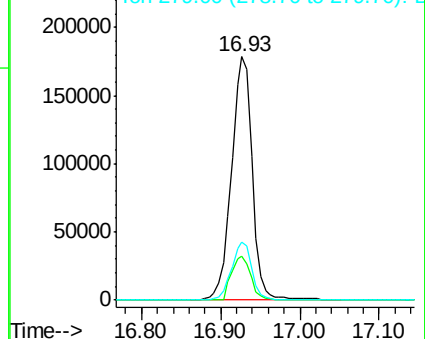
279 23.7 19.0 28.4

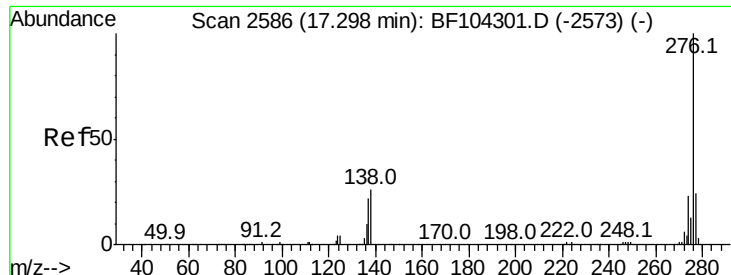


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.228 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF104497.D

Acq: 13 Apr 2018 23:35

Instrument :

BNA_F

ClientSampleId :

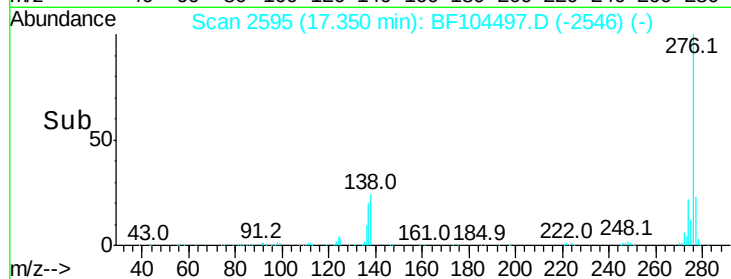
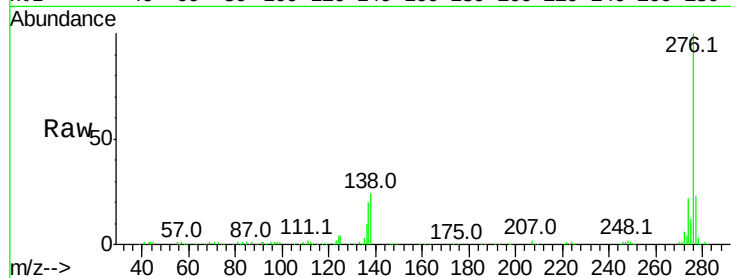
Tot Ion:276 Resp: 316242

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 23.7 21.8 32.8



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

17.35

