

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104546.D
 Acq On : 16 Apr 2018 21:21
 Operator : JU/SJ
 Sample : J2354-02MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 00:57:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	170762	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	667614	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	279394	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	422963	20.00	ng	0.00
75) Chrysene-d12	13.99	240	305868	20.00	ng	0.00
86) Perylene-d12	15.45	264	250304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	582327	52.14	ng	0.00
7) Phenol-d6	6.45	99	690010	50.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	422497	41.32	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	134765	46.50	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	730450	41.30	ng	0.00
78) Terphenyl-d14	12.93	244	524422	39.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	75712	14.550	ng	89
3) Pyridine	3.28	79	191899	13.116	ng	87
4) n-Nitrosodimethylamine	3.22	42	71940	14.066	ng	# 75
6) Aniline	6.47	93	190587	9.997	ng	# 90
8) 2-Chlorophenol	6.60	128	208845	17.718	ng	93
9) Benzaldehyde	6.36	77	62049	5.952	ng	98
10) Phenol	6.46	94	284120	19.515	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	204614	17.611	ng	94
12) 1,3-Dichlorobenzene	6.75	146	223770	16.757	ng	98
13) 1,4-Dichlorobenzene	6.83	146	226866	17.043	ng	98
14) 1,2-Dichlorobenzene	6.98	146	212435	17.221	ng	99
15) Benzyl Alcohol	6.95	79	172988	16.598	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268586	17.214	ng	92
17) 2-Methylphenol	7.07	107	164597	16.064	ng	96
18) Hexachloroethane	7.32	117	73470	15.480	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	138590	15.456	ng	96
20) 3+4-Methylphenols	7.22	107	204892	16.124	ng	# 70
22) Acetophenone	7.22	105	284630	17.317	ng	# 98
24) Nitrobenzene	7.39	77	209784	18.585	ng	98
25) Isophorone	7.63	82	335653	15.525	ng	98
26) 2-Nitrophenol	7.71	139	104873	22.821	ng	92
27) 2,4-Dimethylphenol	7.75	122	158178	16.577	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	239753	18.137	ng	99
29) 2,4-Dichlorophenol	7.96	162	161191	17.705	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	173726	17.387	ng	98
31) Naphthalene	8.12	128	541066	16.276	ng	99
33) 4-Chloroaniline	8.17	127	146891	10.314	ng	95
34) Hexachlorobutadiene	8.23	225	94748	17.313	ng	100
35) Caprolactam	8.52	113	47659	15.006	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	161585	16.552	ng	95
37) 2-Methylnaphthalene	8.81	142	346928	16.134	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	149667	18.713	ng	99
40) Hexachlorocyclopentadiene	8.96	237	25828	5.768	ng	94
42) 2,4,6-Trichlorophenol	9.09	196	103975	18.727	ng	99

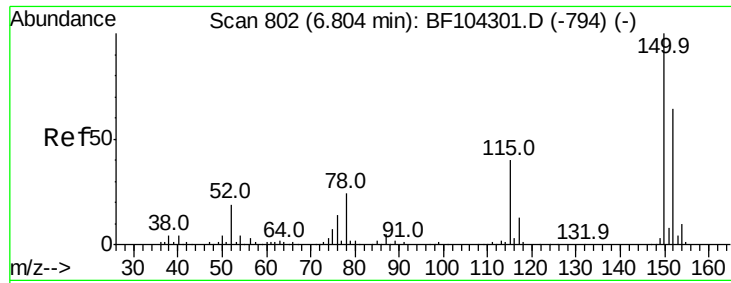
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104546.D
 Acq On : 16 Apr 2018 21:21
 Operator : JU/SJ
 Sample : J2354-02MS 2X
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	103437	16.649	nq	97
45) 1,1'-Biphenyl	9.27	154	433472	18.468	nq	99
46) 2-Chloronaphthalene	9.30	162	334147	18.024	nq	98
47) 2-Nitroaniline	9.39	65	99487	21.700	nq	96
48) Acenaphthylene	9.71	152	476794	16.392	nq	100
49) Dimethylphthalate	9.57	163	484302	21.981	nq	100
50) 2,6-Dinitrotoluene	9.63	165	79868	19.591	nq	96
51) Acenaphthene	9.89	154	275554	15.527	nq	99
52) 3-Nitroaniline	9.80	138	76829	16.097	nq	99
53) 2,4-Dinitrophenol	9.91	184	6091	10.409	nq	# 25
54) Dibenzofuran	10.06	168	423359	17.117	nq	100
55) 4-Nitrophenol	9.97	139	107675	28.720	nq	97
56) 2,4-Dinitrotoluene	10.04	165	94617	17.693	nq	91
57) Fluorene	10.40	166	301440	16.745	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72993	15.748	nq	96
59) Diethylphthalate	10.27	149	364263	16.601	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	155082	19.344	nq	96
61) 4-Nitroaniline	10.42	138	76145	16.317	nq	91
62) Azobenzene	10.55	77	330181	15.750	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	7460	10.414	nq	95
65) n-Nitrosodiphenylamine	10.51	169	292543	19.948	nq	98
66) 4-Bromophenyl-phenylether	10.88	248	89461	19.885	nq	96
67) Hexachlorobenzene	10.95	284	91591	18.093	nq	97
68) Atrazine	11.04	200	86826	19.614	nq	98
69) Pentachlorophenol	11.15	266	83326	26.607	nq	97
70) Phenanthrene	11.36	178	445108	18.897	nq	98
71) Anthracene	11.42	178	396178	16.546	nq	99
72) Carbazole	11.57	167	394072	16.843	nq	99
73) Di-n-butylphthalate	11.90	149	499649	17.482	nq	99
74) Fluoranthene	12.56	202	553694	22.499	nq	97
76) Benzidine	12.68	184	30779	Below	Cal	98
77) Pyrene	12.79	202	537164	23.693	nq	99
79) Butylbenzylphthalate	13.40	149	179037	16.762	nq	98
80) Benzo(a)anthracene	13.97	228	383020	20.961	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	85032	12.481	nq	97
82) Chrysene	14.02	228	397905	21.200	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	264831	19.276	nq	100
84) Di-n-octyl phthalate	14.58	149	401045	17.470	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	253921	15.926	nq	97
87) Benzo(b)fluoranthene	15.03	252	353344	22.351	nq	97
88) Benzo(k)fluoranthene	15.06	252	287408	19.257	nq	99
89) Benzo(a)pyrene	15.39	252	278179	19.666	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	181927	15.660	nq	98
91) Benzo(g,h,i)perylene	17.36	276	212439	18.875	nq	97

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

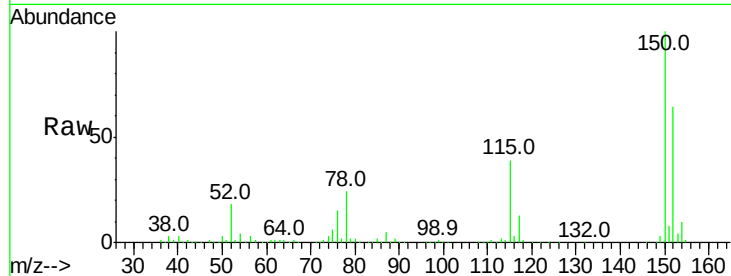


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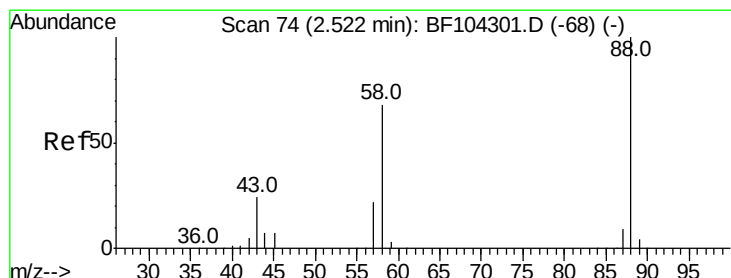
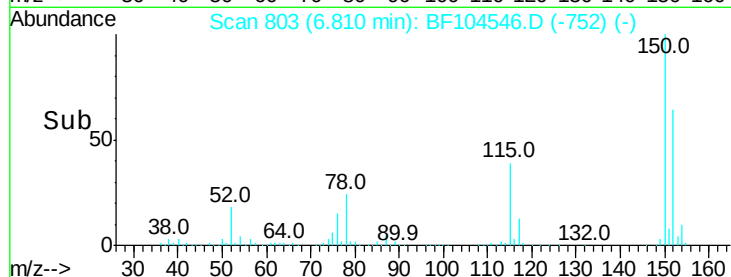
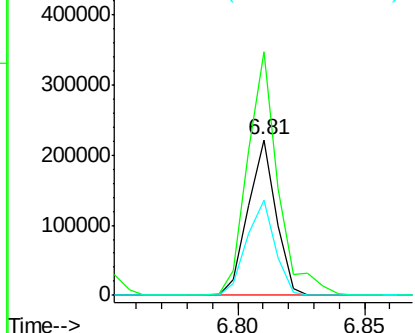
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 170762
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.4 50.1 75.1



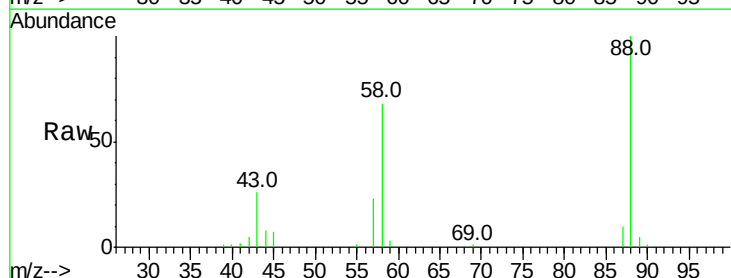
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



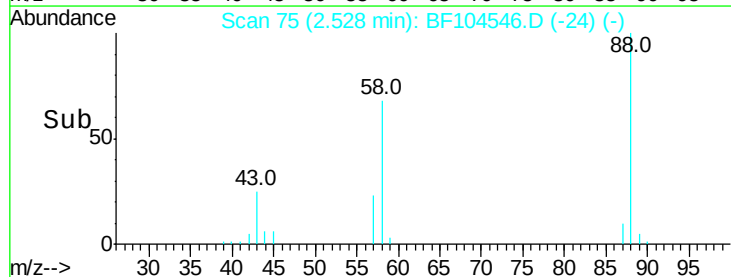
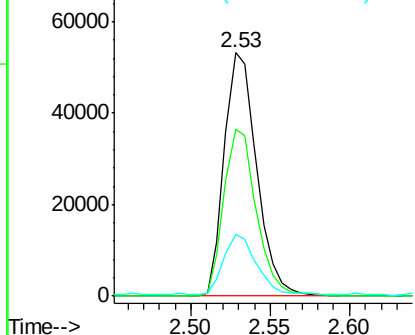
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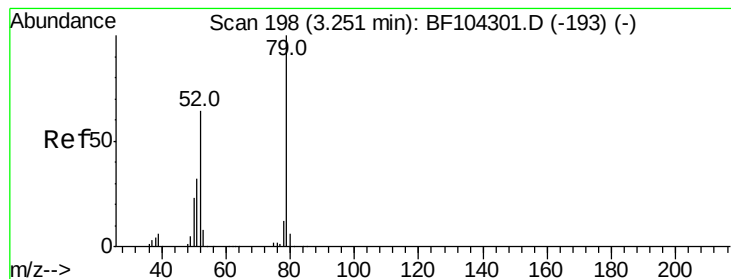
1,4-Dioxane
Concen: 14.550 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion: 88 Resp: 75712
Ion Ratio Lower Upper
88 100
58 68.6 62.6 93.8
43 24.9 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: 13.116 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampled :

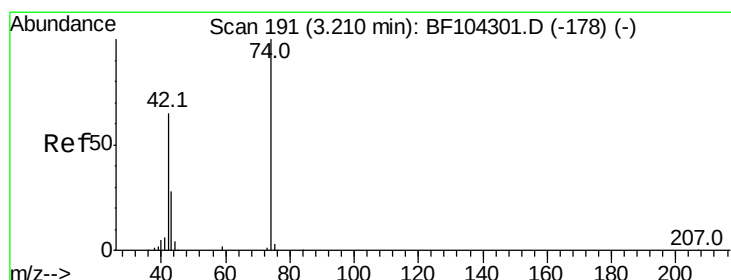
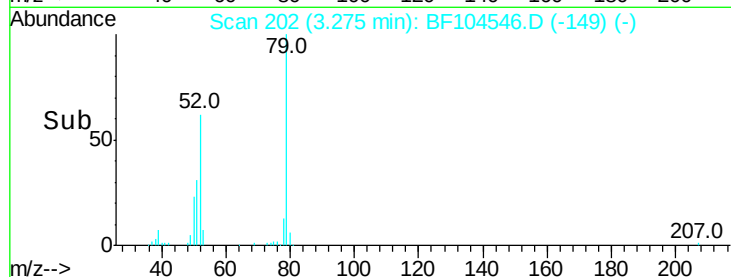
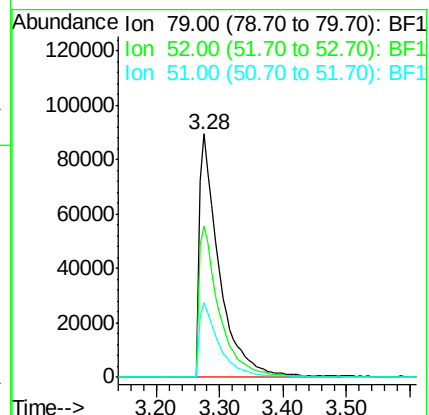
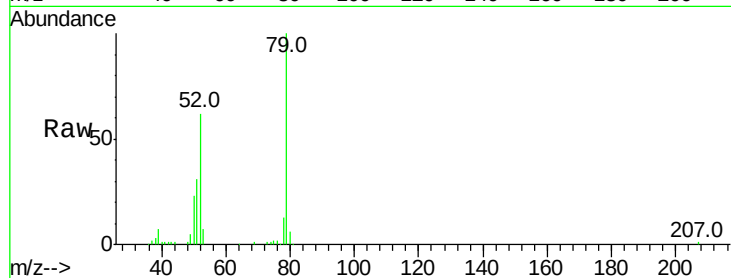
Tot Ion: 79 Resp: 191899

Ion Ratio Lower Upper

79 100

52 62.3 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 14.066 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

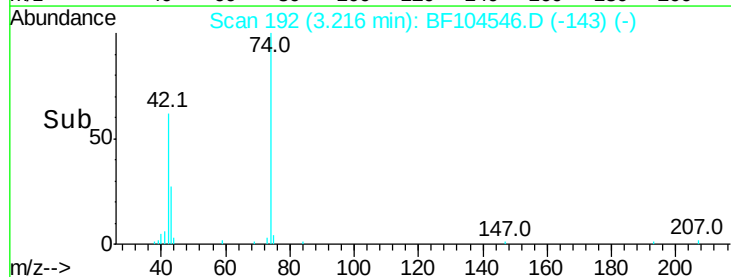
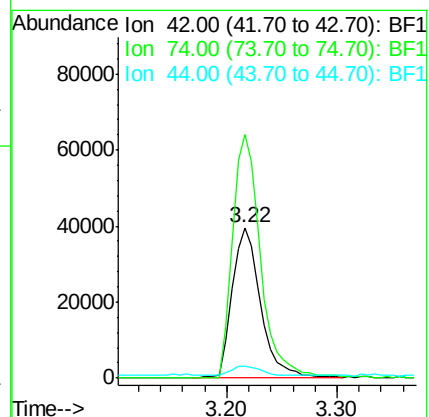
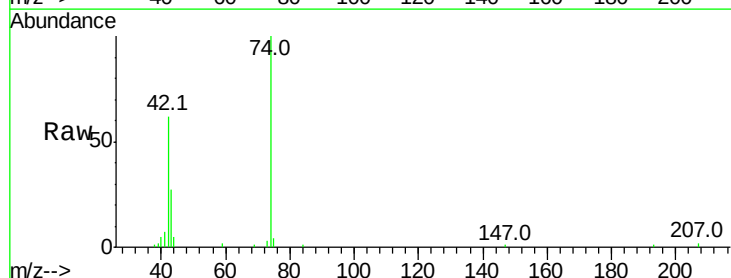
Tgt Ion: 42 Resp: 71940

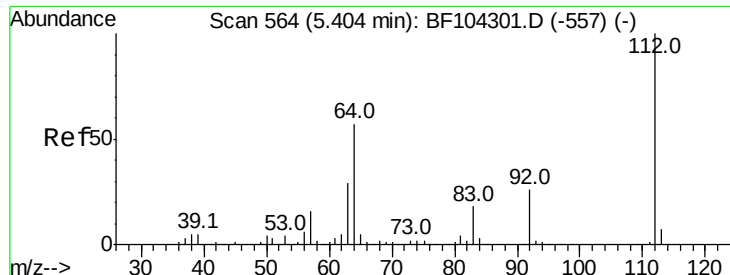
Ion Ratio Lower Upper

42 100

74 161.8 104.9 157.3#

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 52.143 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF104546.D

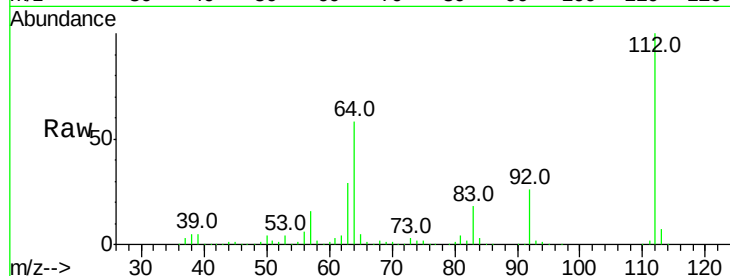
Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampled :

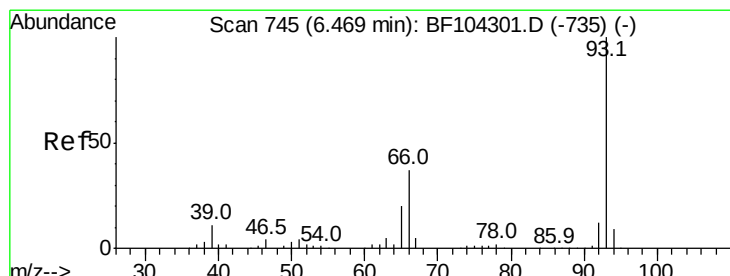
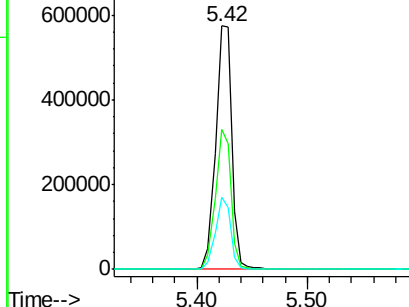
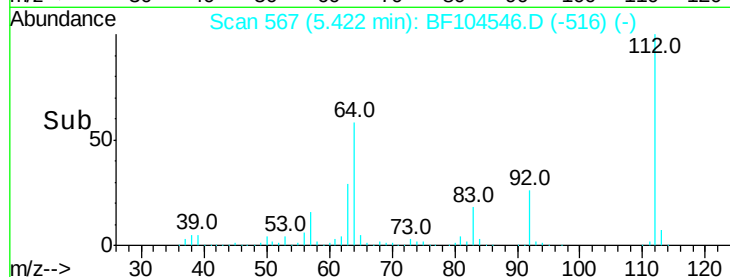
Tot Ion:	112	Resp:	582327
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.997 ng

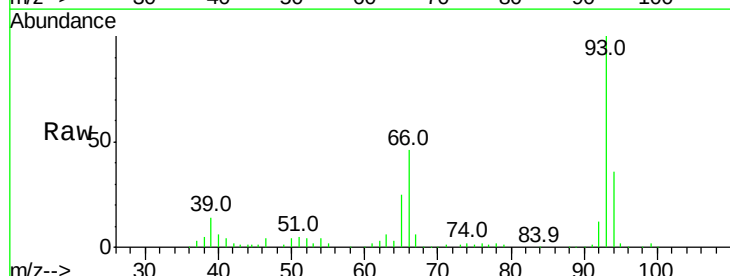
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

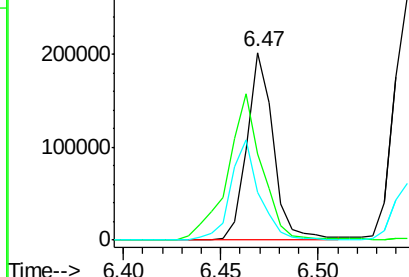
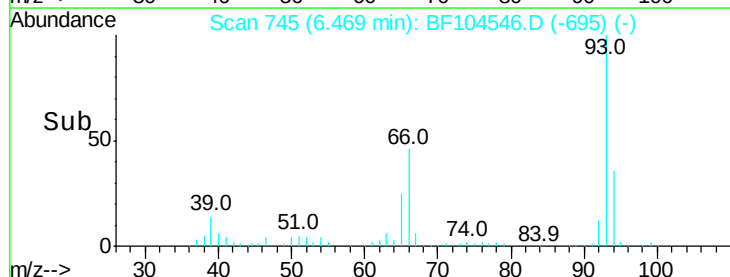
Tgt Ion:	93	Resp:	190587
Ion	Ratio	Lower	Upper
93	100		
66	45.9	32.2	48.2
65	25.3	16.4	24.6

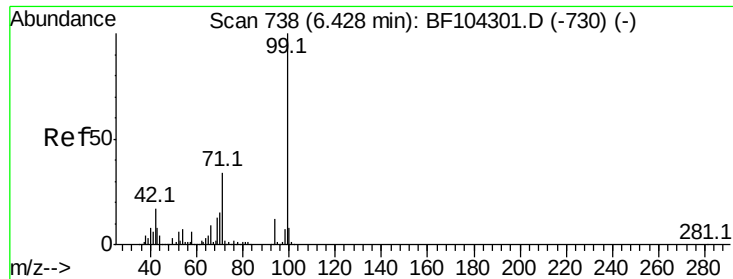


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.286 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

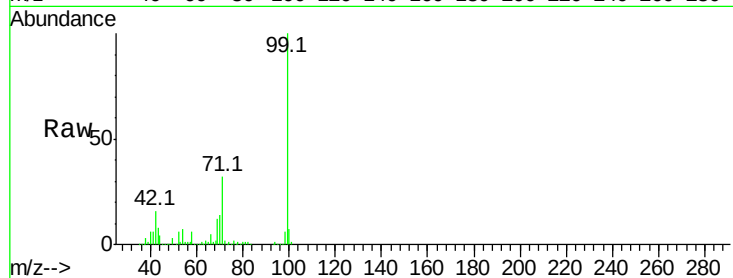
Tot Ion: 99 Resp: 690010

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

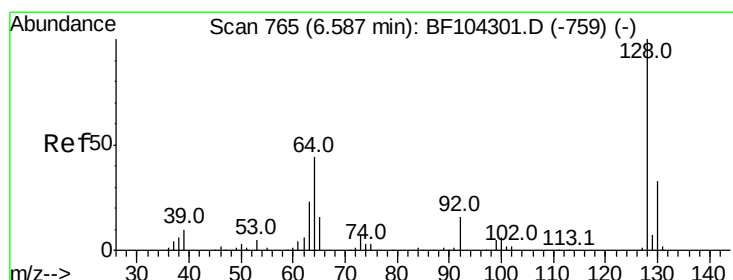
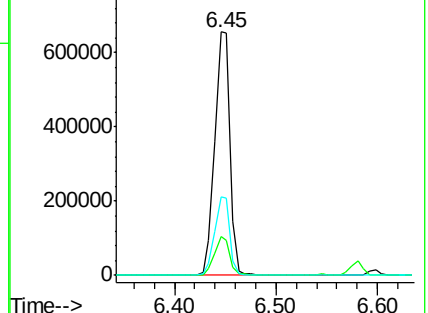
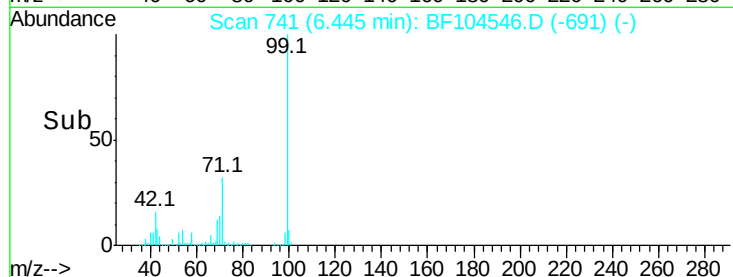
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 17.718 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

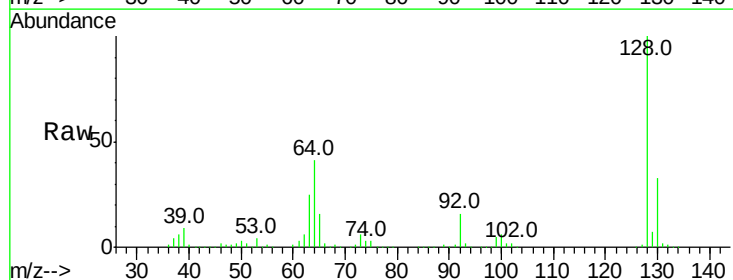
Tgt Ion: 128 Resp: 208845

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

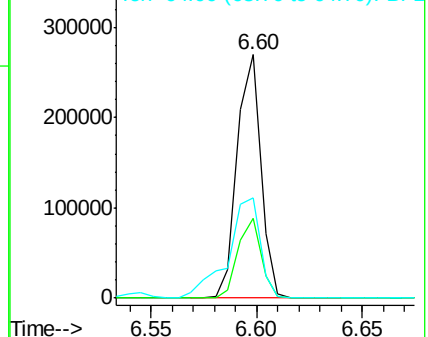
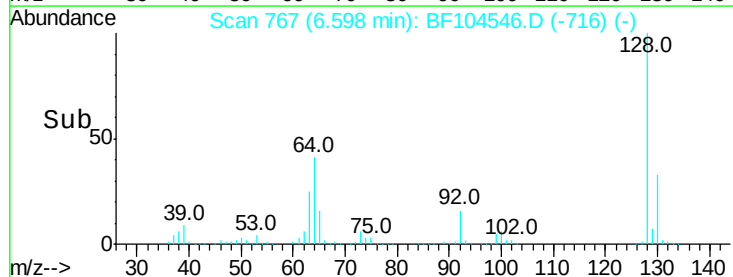
64 41.3 29.4 69.4

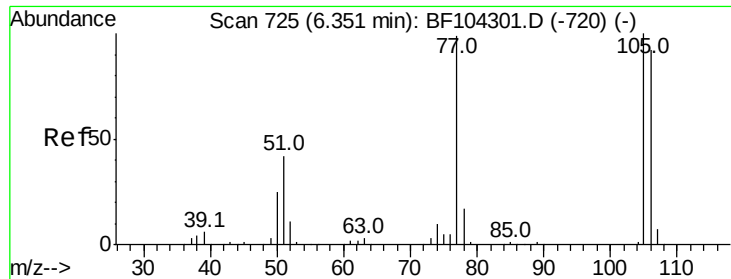


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

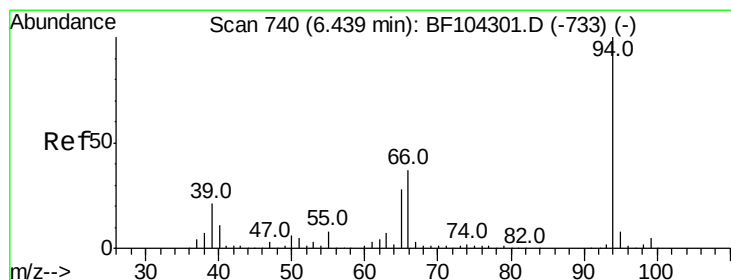
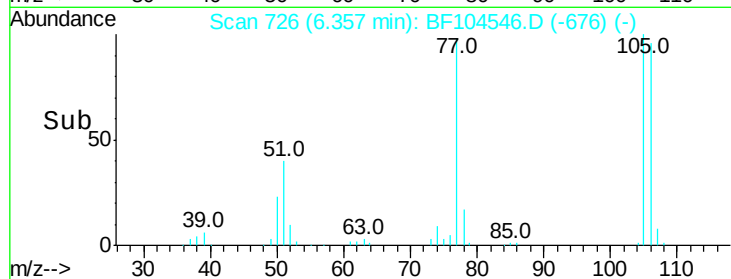
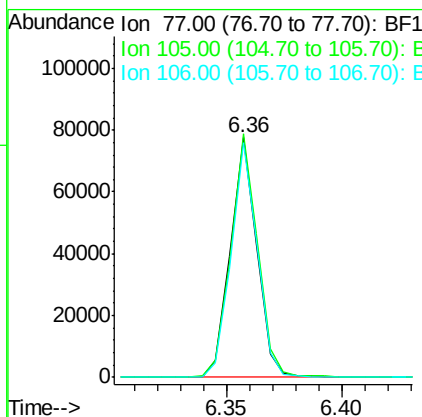
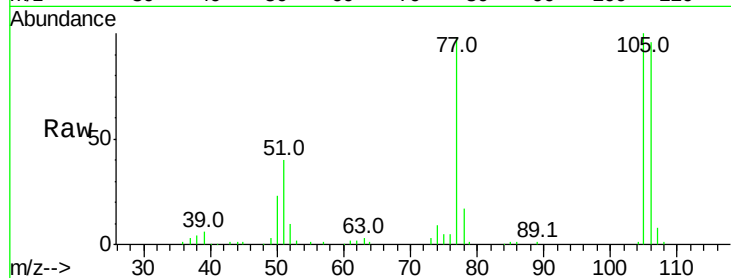




#9
Benzaldehyde
Concen: 5.952 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

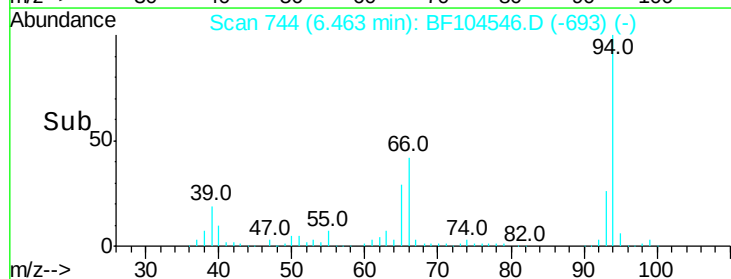
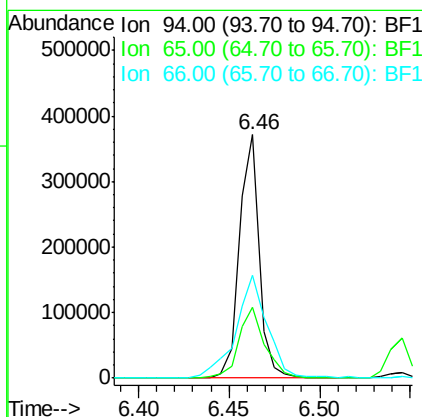
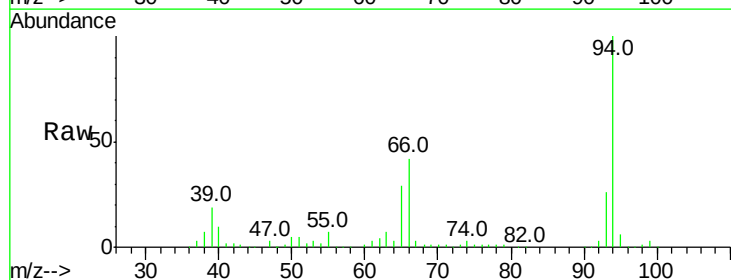
Instrument :
BNA_F
ClientSampleID :

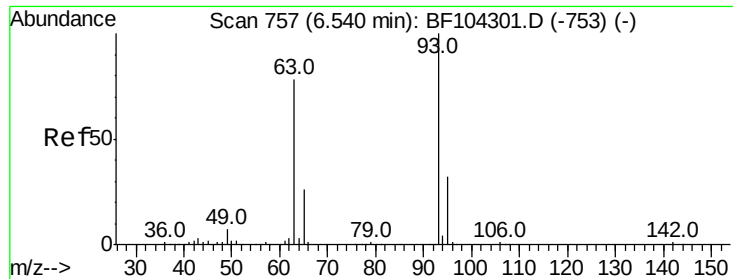
Tot Ion: 77 Resp: 62049
Ion Ratio Lower Upper
77 100
105 101.6 81.1 121.1
106 97.8 74.5 114.5



#10
Phenol
Concen: 19.515 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion: 94 Resp: 284120
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 42.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 17.611 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

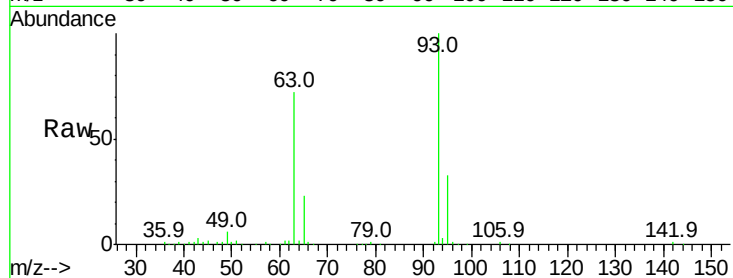
Tot Ion: 93 Resp: 204614

Ion Ratio Lower Upper

93 100

63 71.6 58.6 98.6

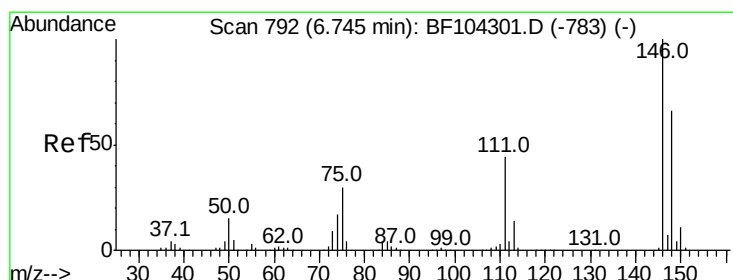
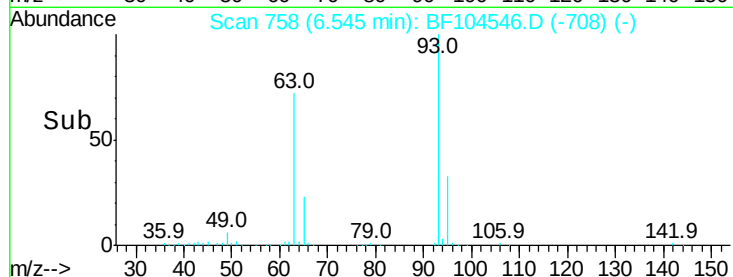
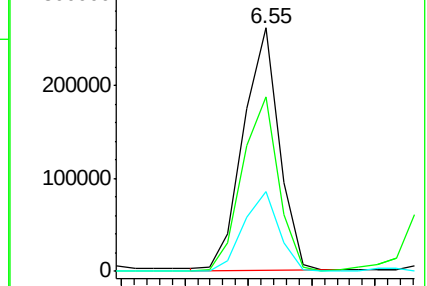
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 16.757 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

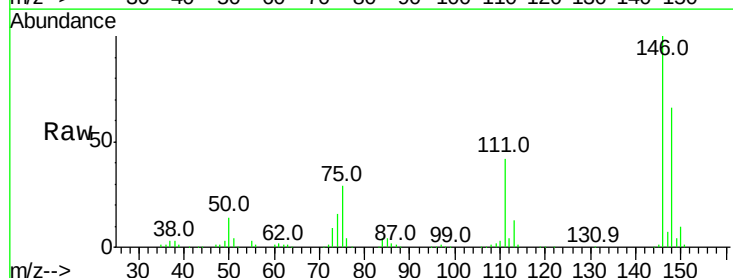
Tgt Ion: 146 Resp: 223770

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

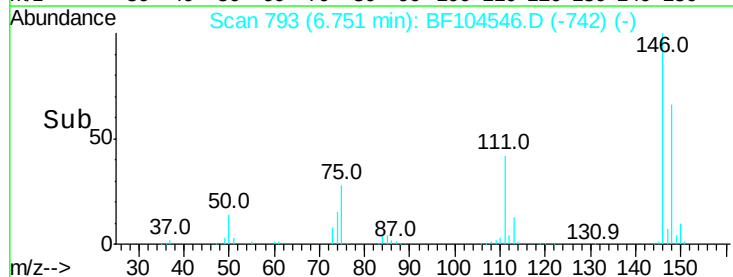
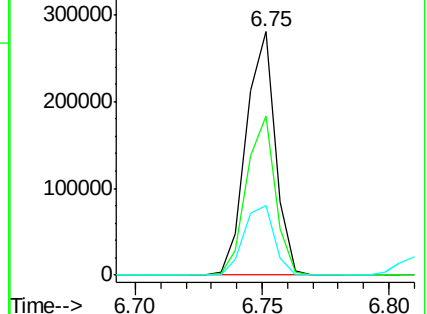
75 28.5 24.2 36.4

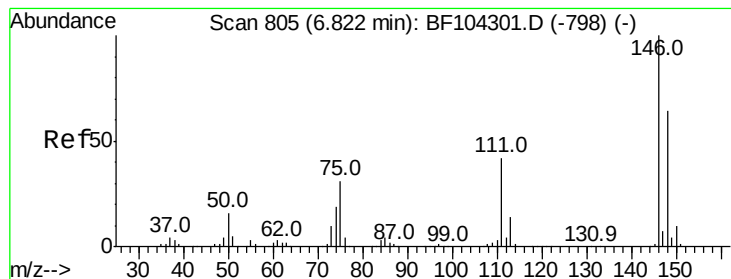


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 17.043 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

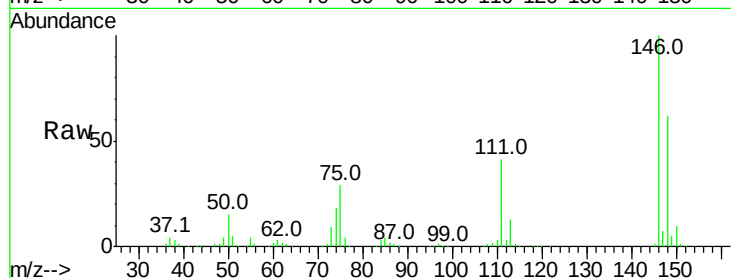
Tot Ion:146 Resp: 226866

Ion Ratio Lower Upper

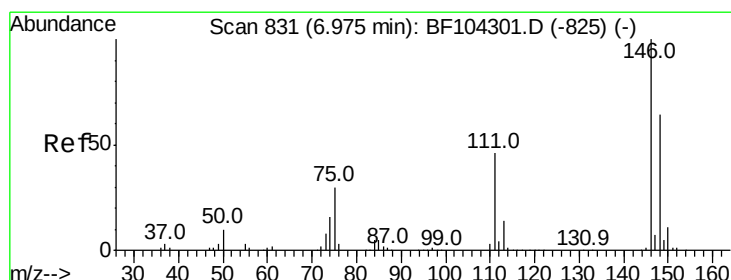
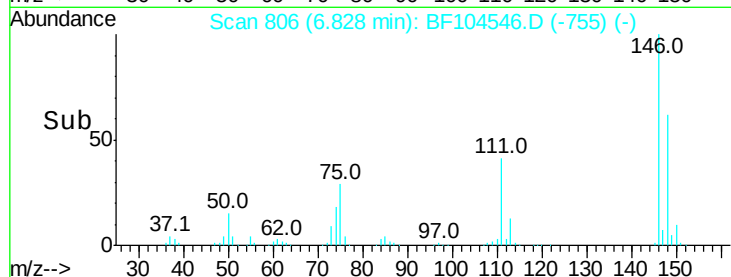
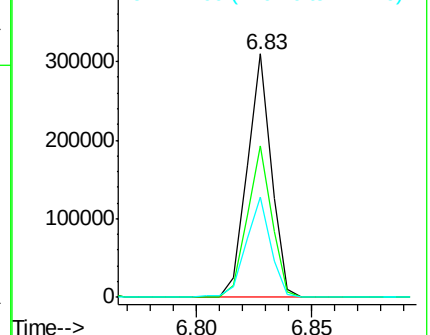
146 100

148 62.2 50.8 76.2

111 41.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 17.221 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

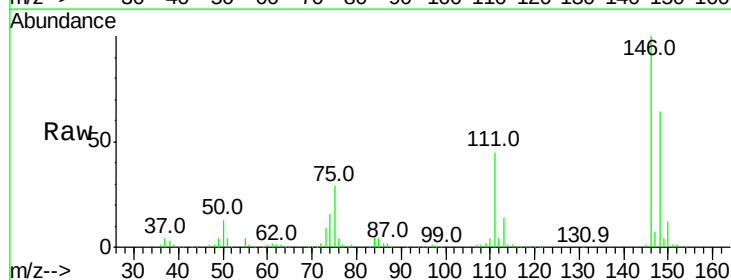
Tgt Ion:146 Resp: 212435

Ion Ratio Lower Upper

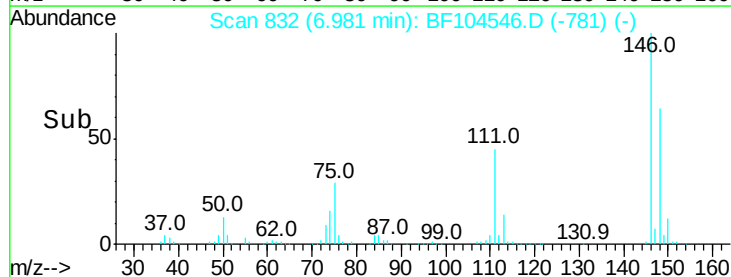
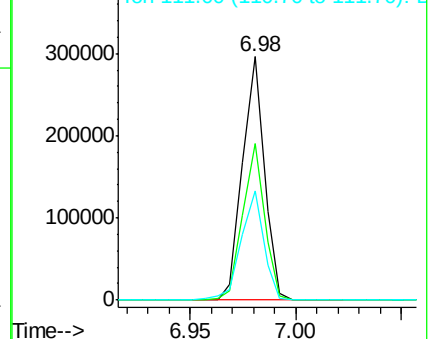
146 100

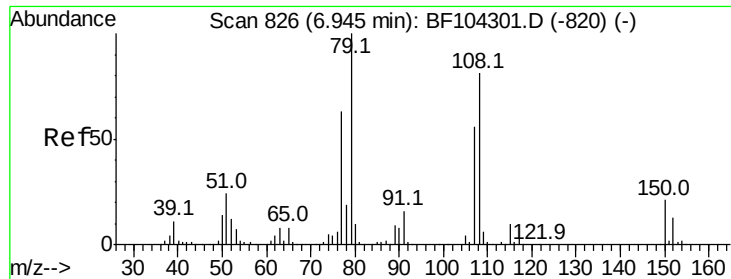
148 64.2 50.6 75.8

111 44.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 16.598 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

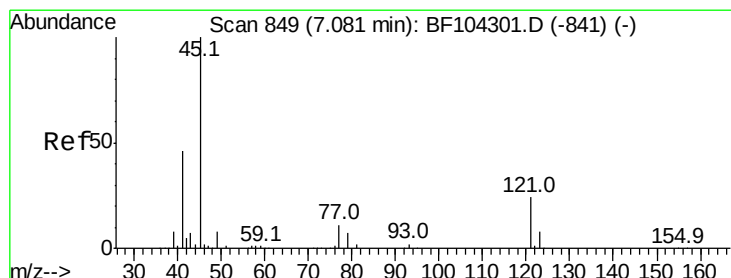
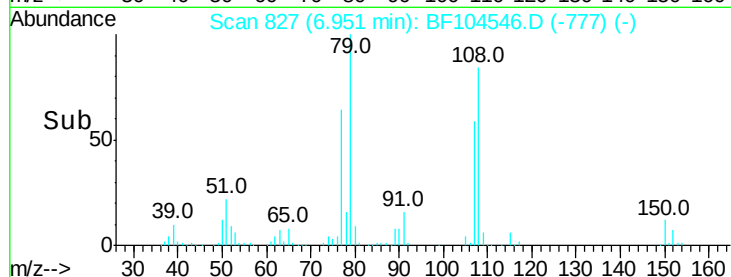
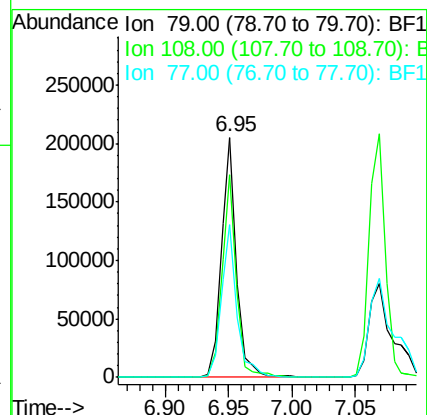
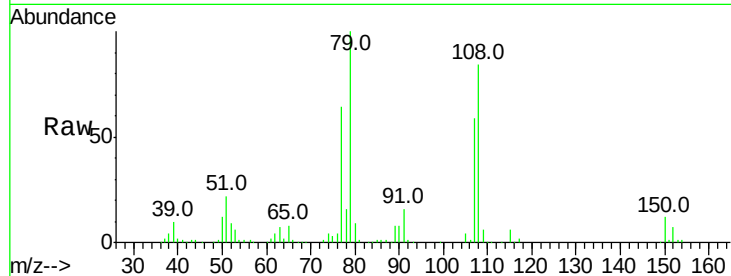
Tot Ion: 79 Resp: 172988

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.214 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

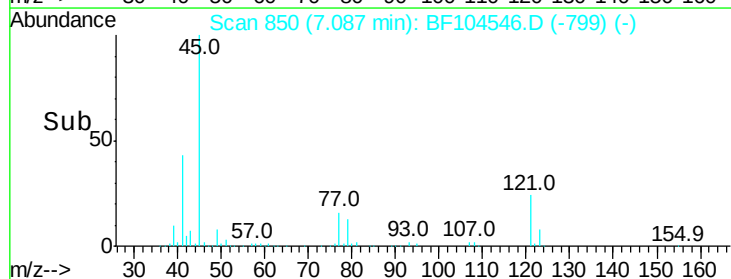
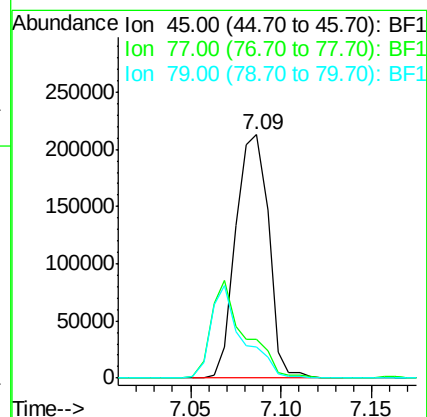
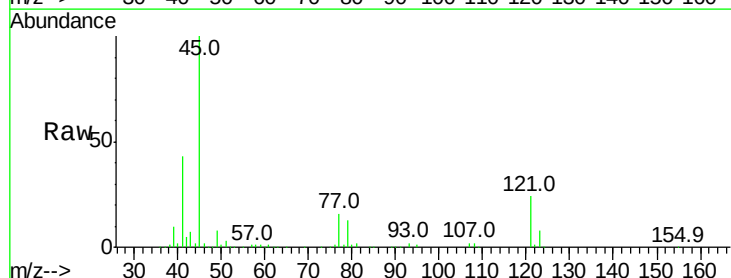
Tgt Ion: 45 Resp: 268586

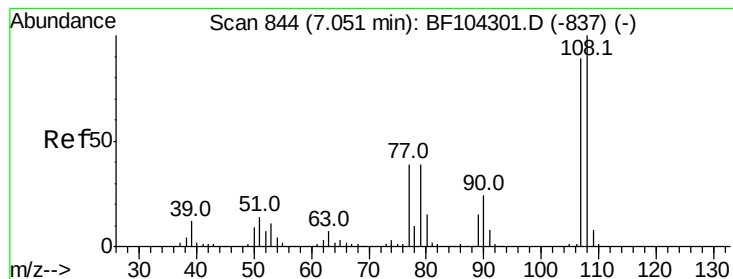
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

79 13.0 0.0 29.6

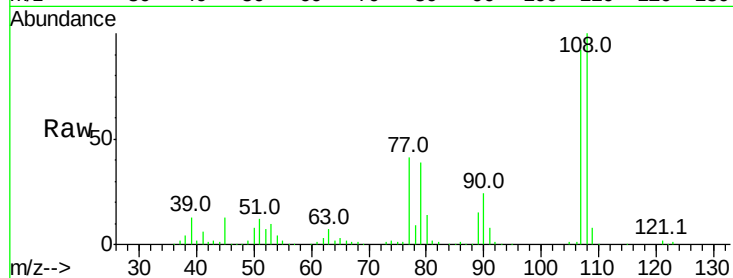




#17
2-Methylphenol
Concen: 16.064 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.7	137.5
77	44.6	33.8	50.8
79	42.3	33.8	50.8



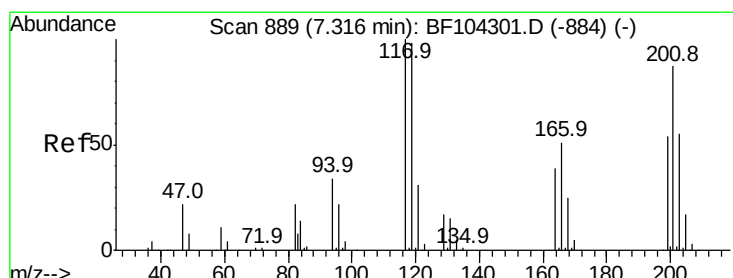
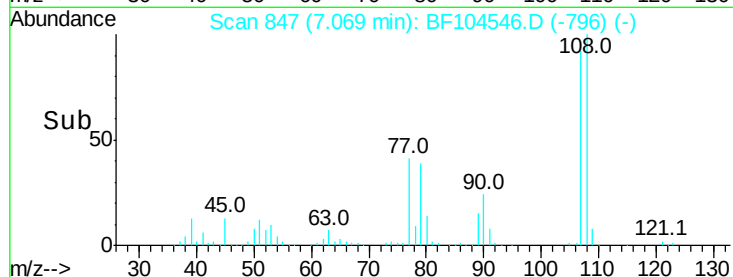
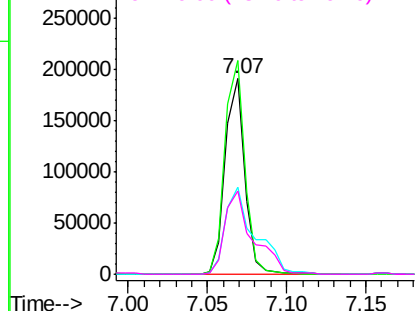
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

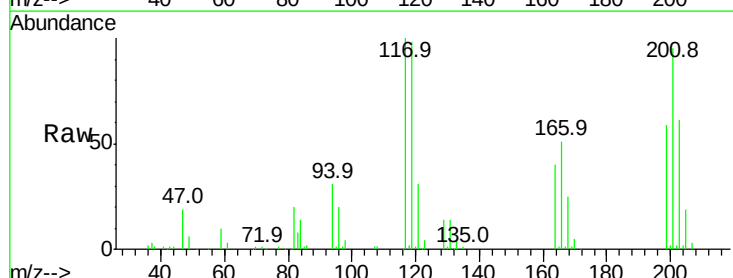
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 15.480 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	95.0	75.7	113.5

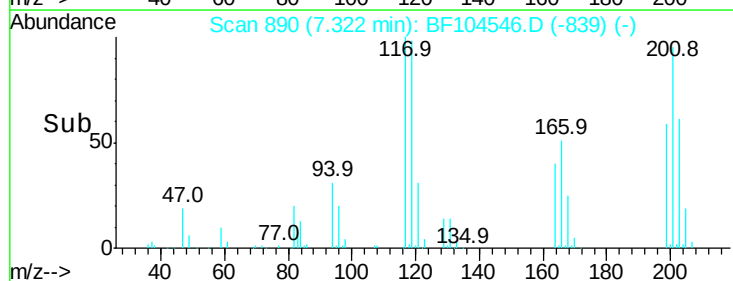
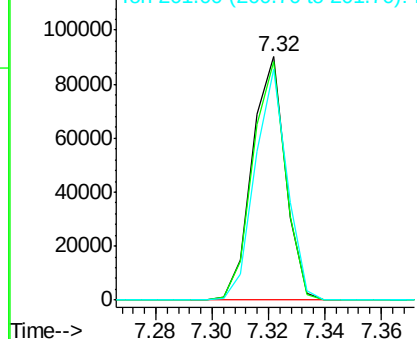


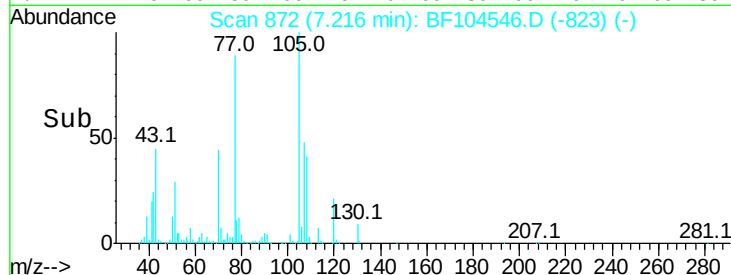
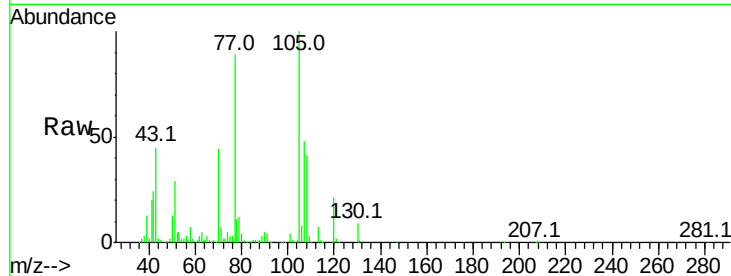
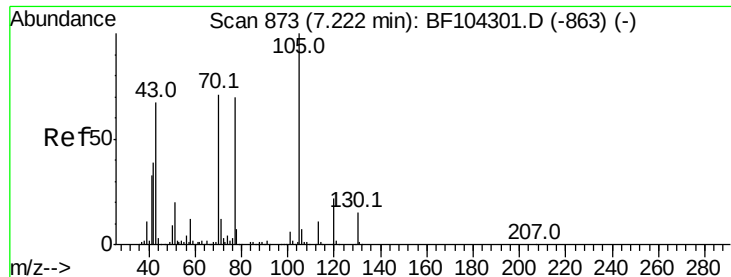
Abundance

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

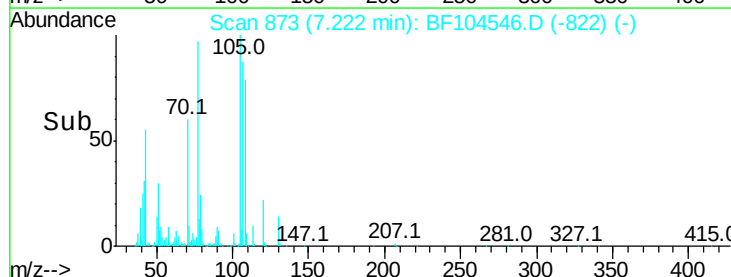
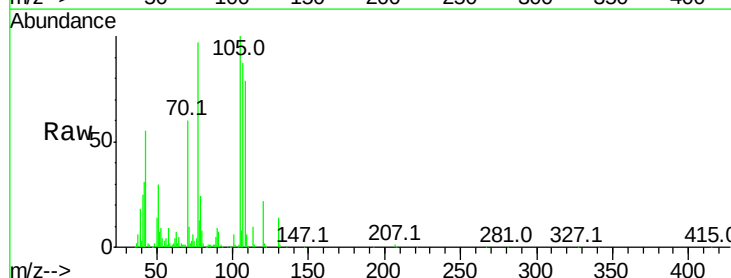
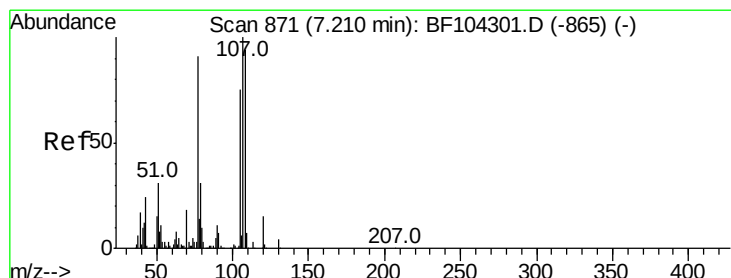
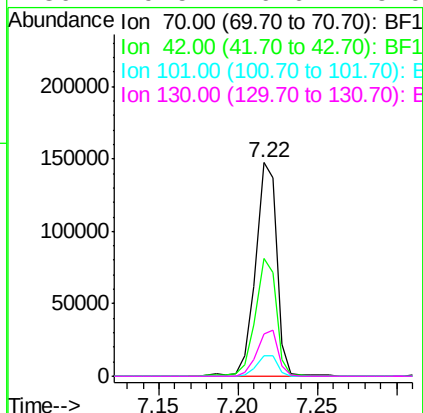




#19
n-Nitroso-di-n-propylamine
Concen: 15.456 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

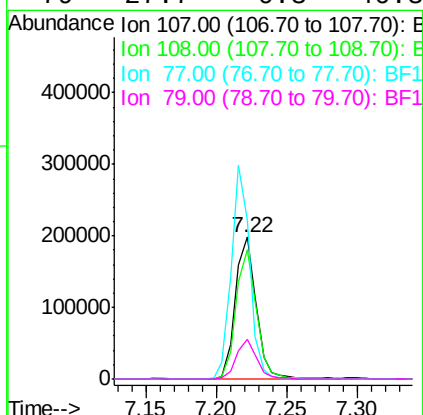
Instrument :
BNA_F
ClientSampleId :

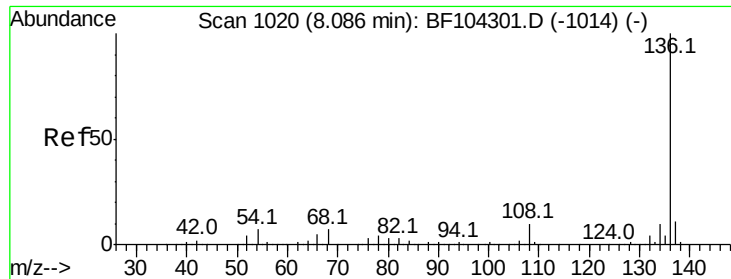
Tot Ion:	70	Resp:	138590
Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	9.4	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 16.124 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:	107	Resp:	204892
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	111.5	26.7	66.7#
79	27.7	6.3	46.3

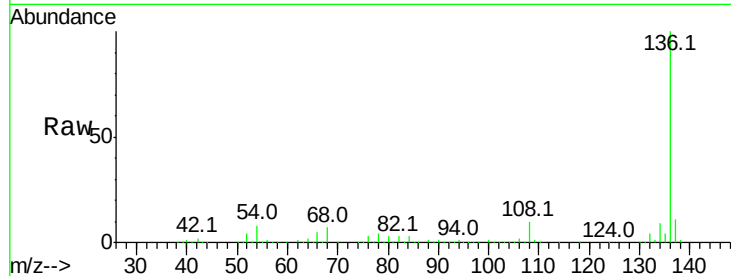




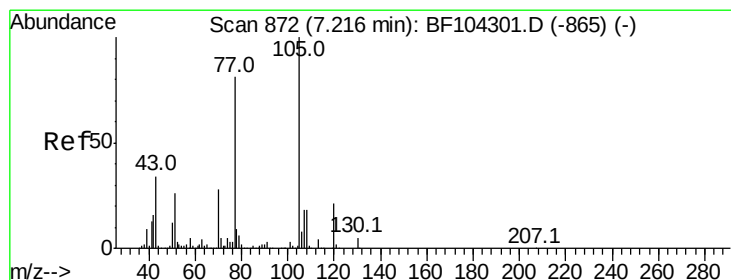
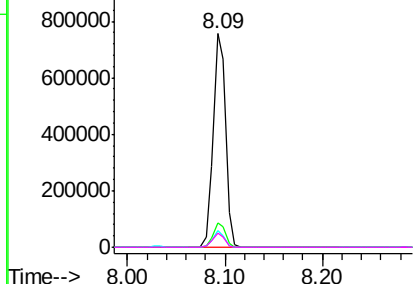
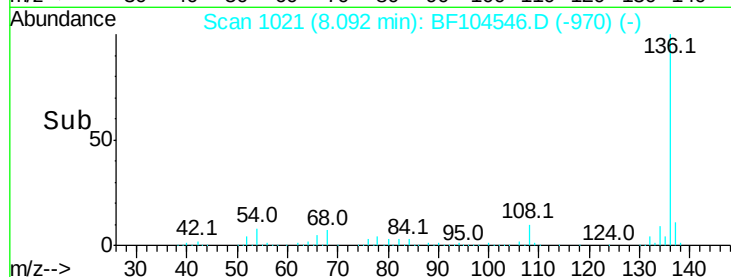
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	667614	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 7.7	6.6	9.8	
68 6.9	5.0	7.4	

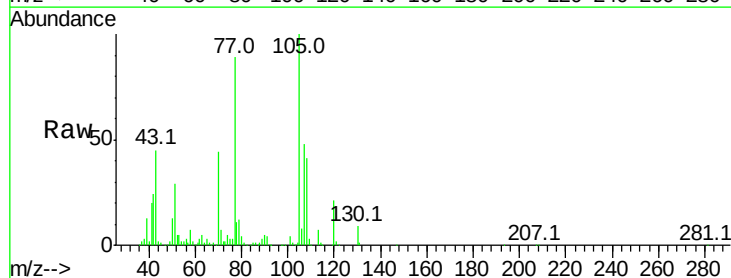


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

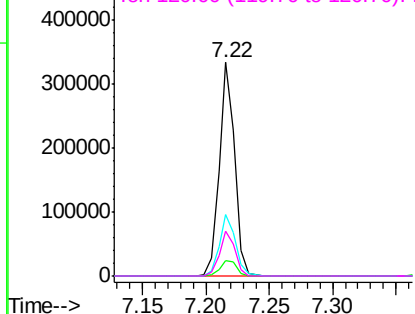
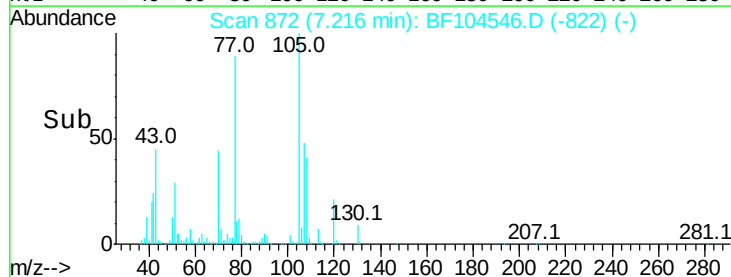


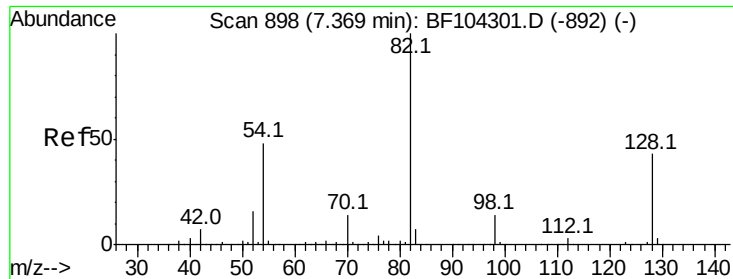
#22
Acetophenone
Concen: 17.317 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt	Ion:105	Resp:	284630
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	29.1	22.3	33.5
120	21.0	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

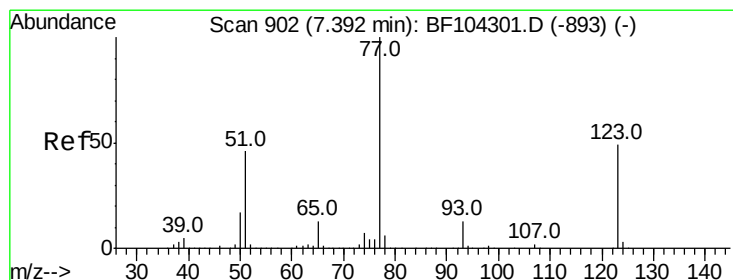
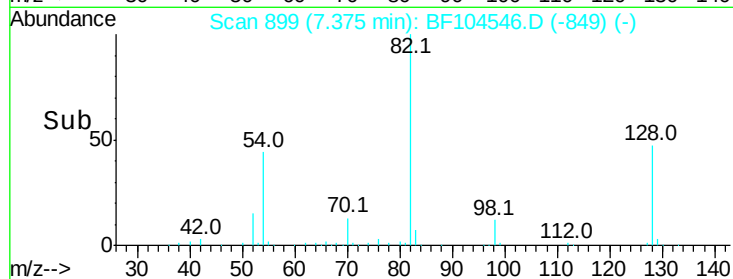
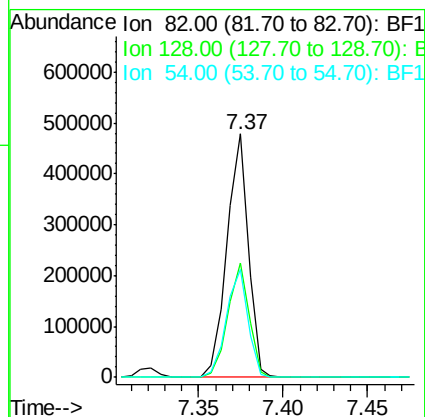
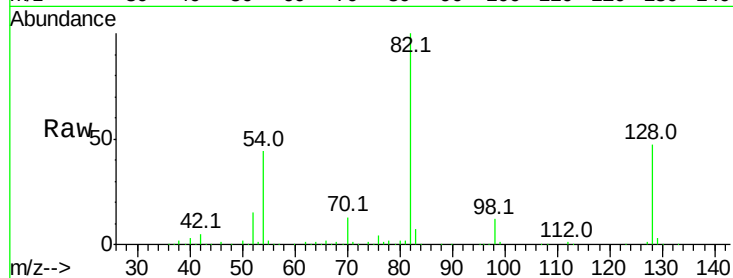




#23
Nitrobenzene-d5
Concen: 41.324 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

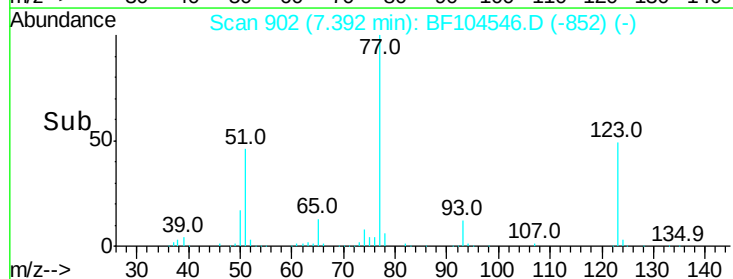
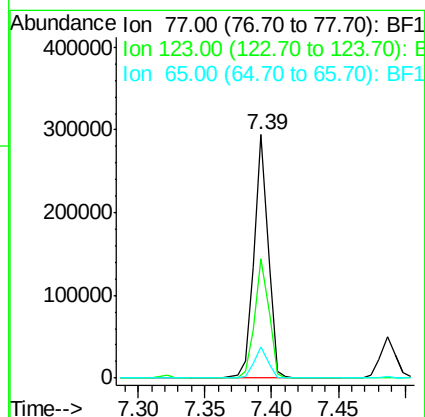
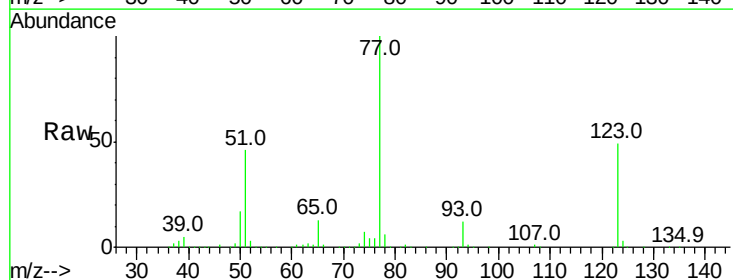
Instrument :
BNA_F
ClientSampleId :

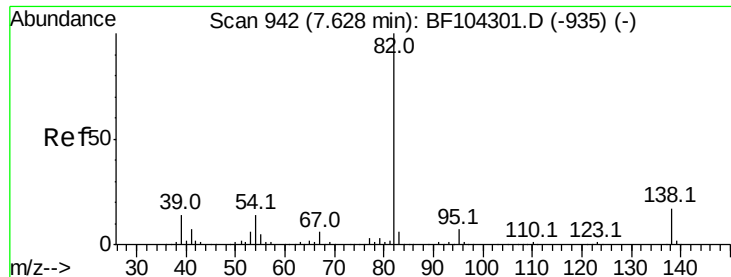
Tot Ion: 82 Resp: 422497
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 44.4 41.4 62.2



#24
Nitrobenzene
Concen: 18.585 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion: 77 Resp: 209784
Ion Ratio Lower Upper
77 100
123 49.2 37.9 56.9
65 12.9 11.0 16.4





#25

Isophorone

Concen: 15.525 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampled :

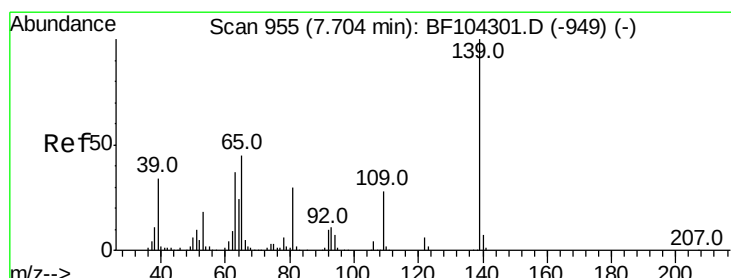
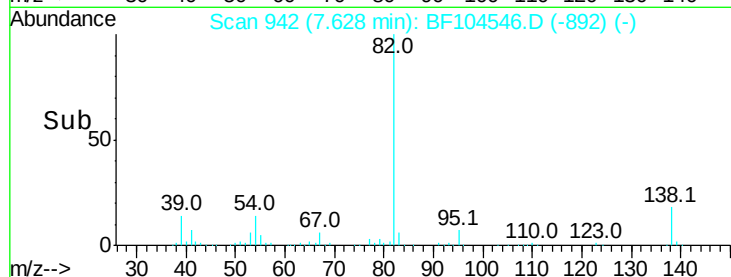
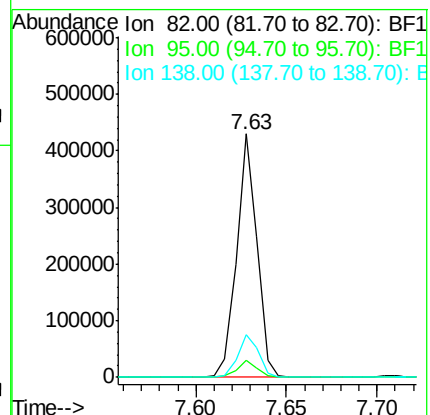
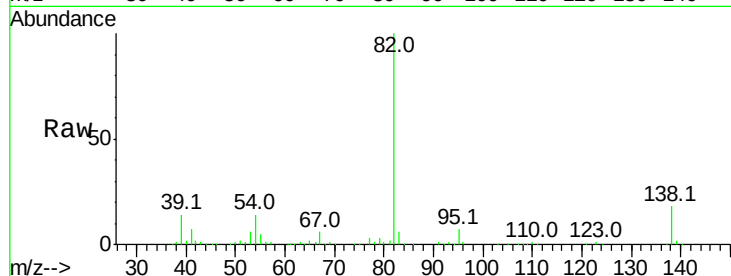
Tot Ion: 82 Resp: 335653

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 22.821 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

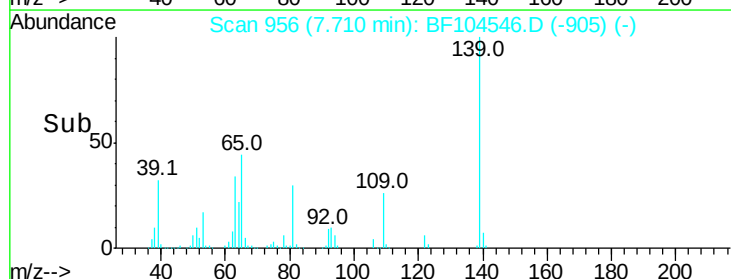
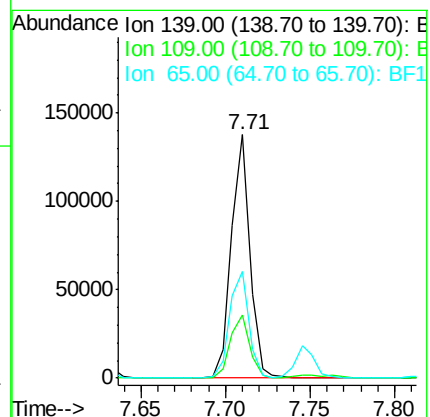
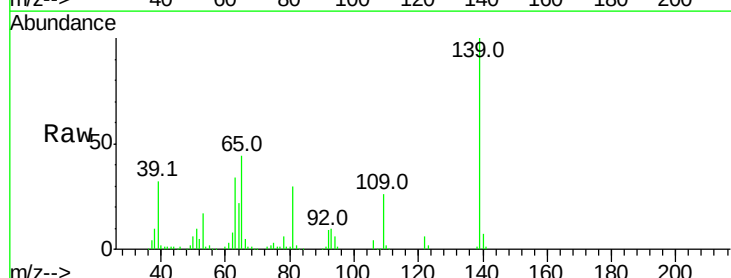
Tgt Ion: 139 Resp: 104873

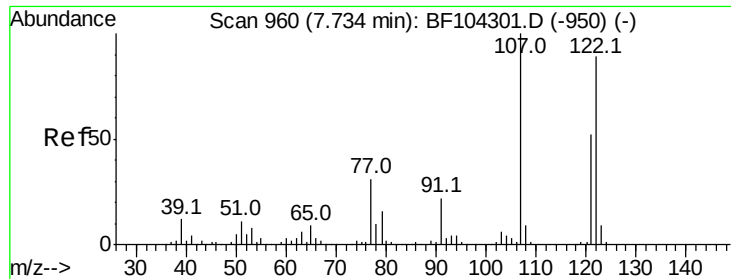
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 43.6 40.5 60.7

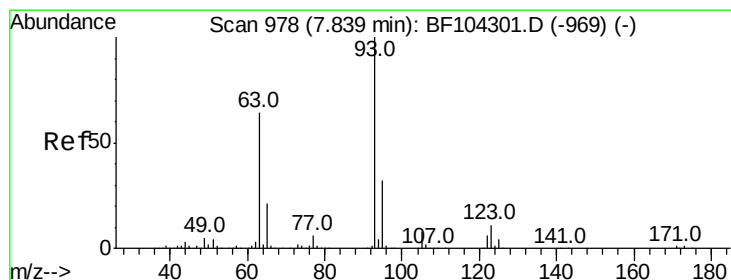
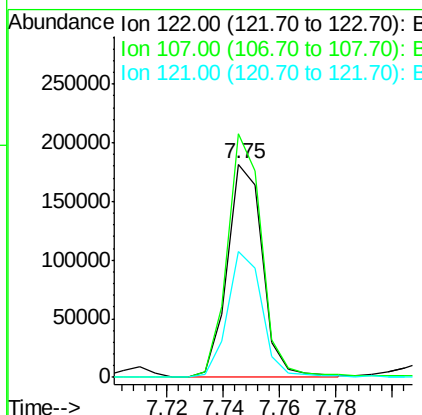
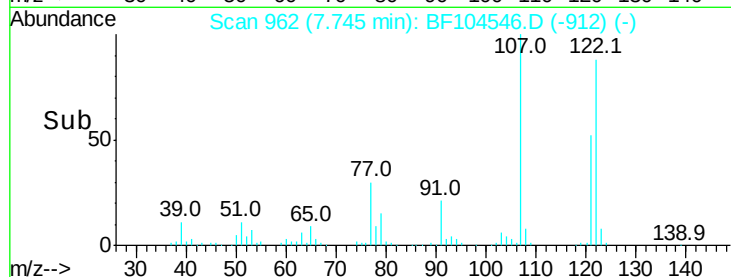
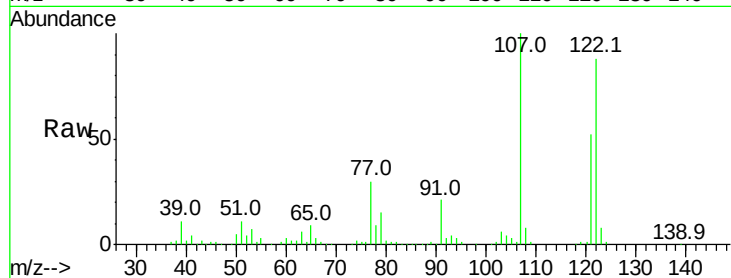




#27
 2,4-Dimethylphenol
 Concen: 16.577 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

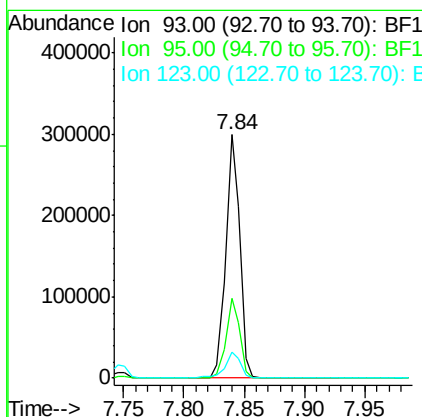
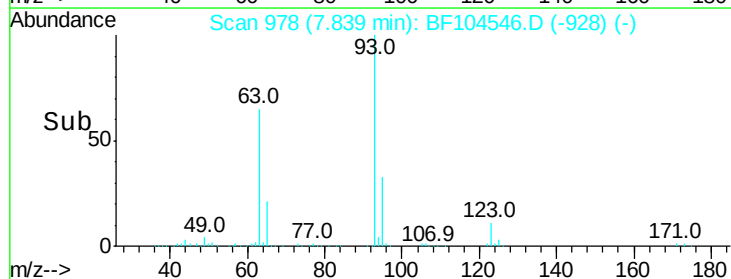
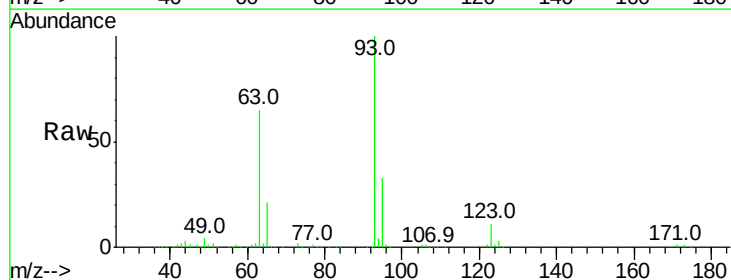
Instrument :
 BNA_F
 ClientSampleId :

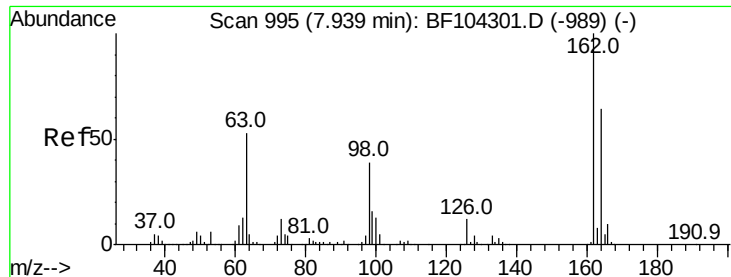
Tot Ion:122 Resp: 158178
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.137 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion: 93 Resp: 239753
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.8 9.8 14.6

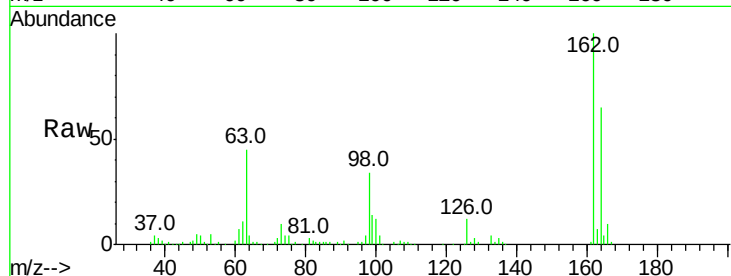




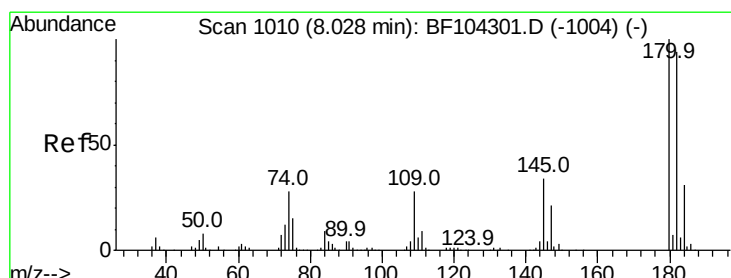
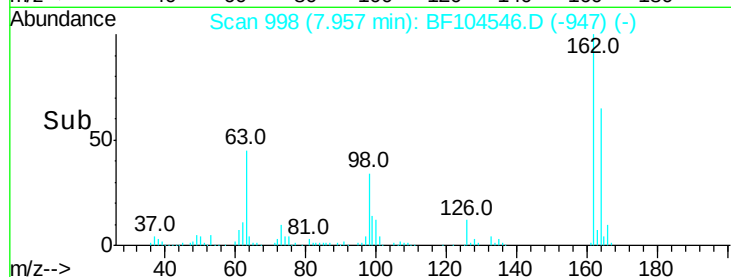
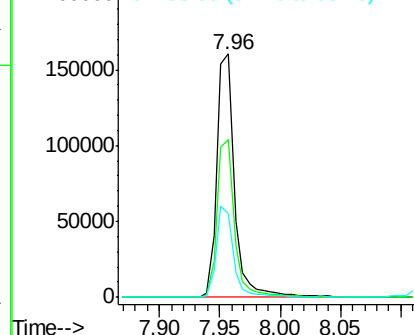
#29
2,4-Dichlorophenol
Concen: 17.705 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 161191
Ion Ratio Lower Upper
162 100
164 64.8 42.7 82.7
98 34.2 18.1 58.1

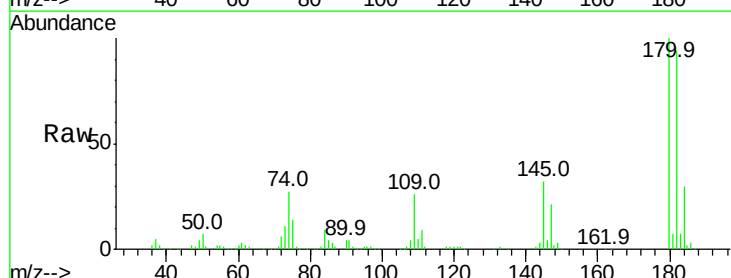


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

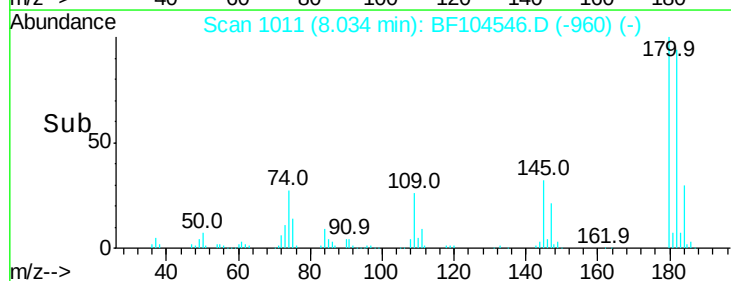
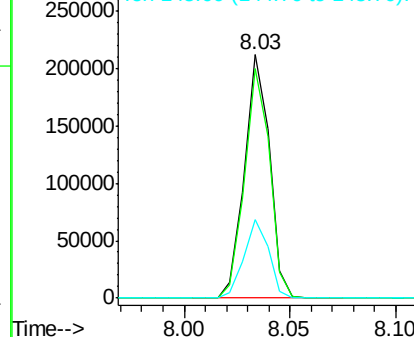


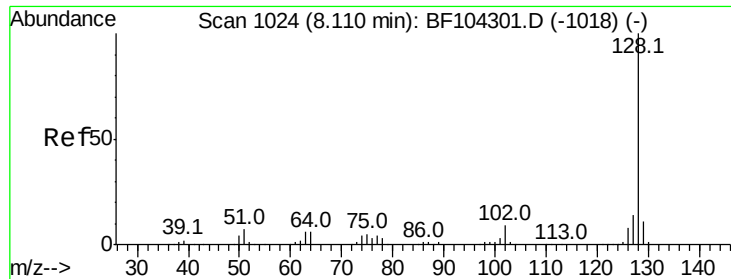
#30
1,2,4-Trichlorobenzene
Concen: 17.387 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:180 Resp: 173726
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
145 32.2 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

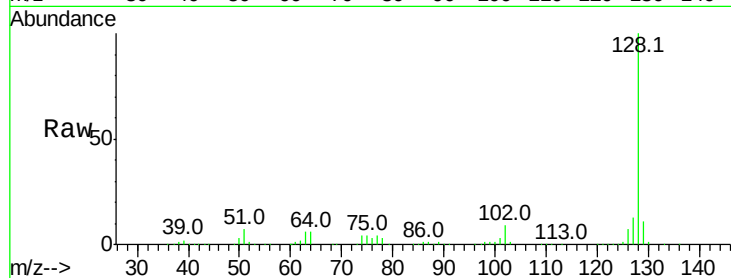




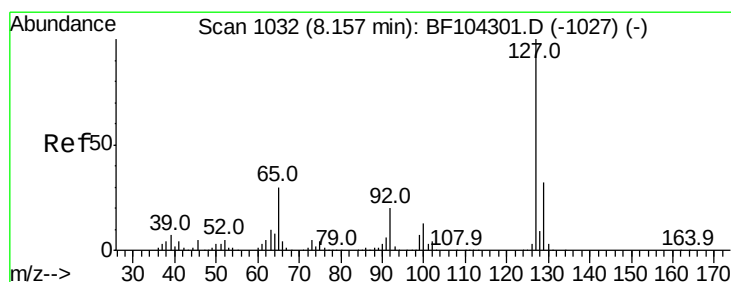
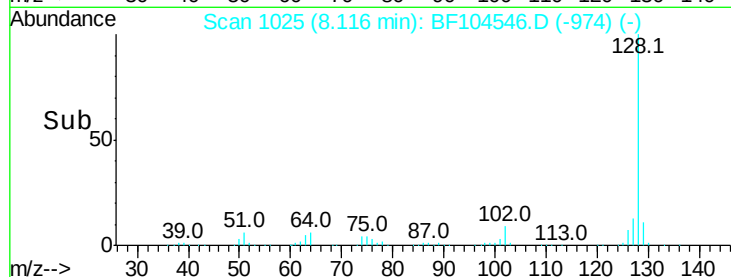
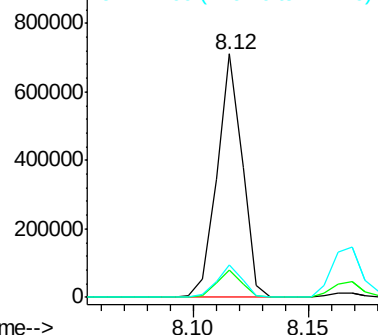
#31
Naphthalene
Concen: 16.276 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 541066
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.9 16.3

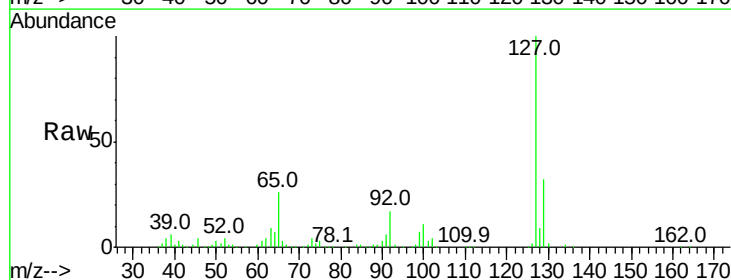


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

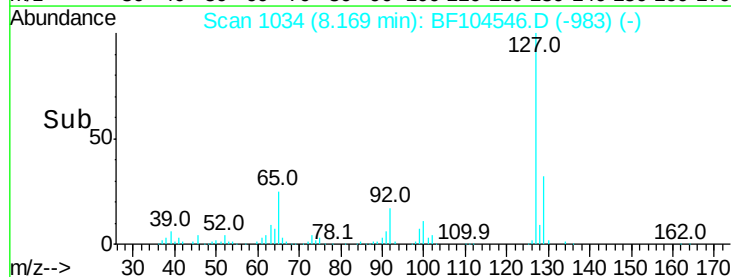
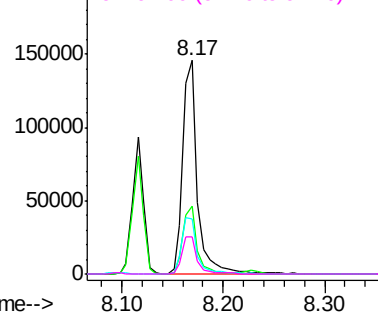


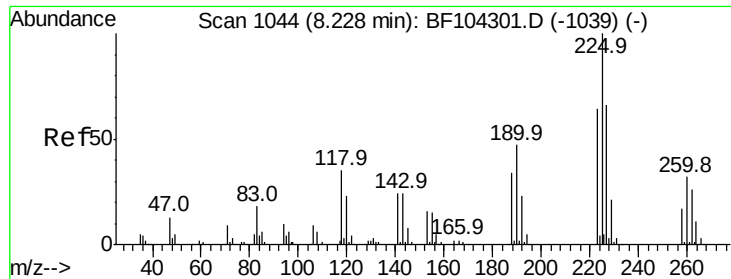
#33
4-Chloroaniline
Concen: 10.314 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:127 Resp: 146891
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 25.7 25.0 37.4
92 17.2 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

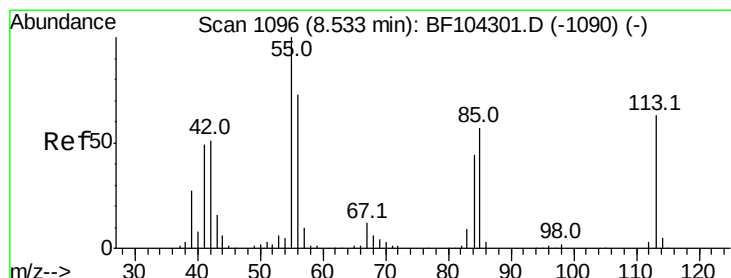
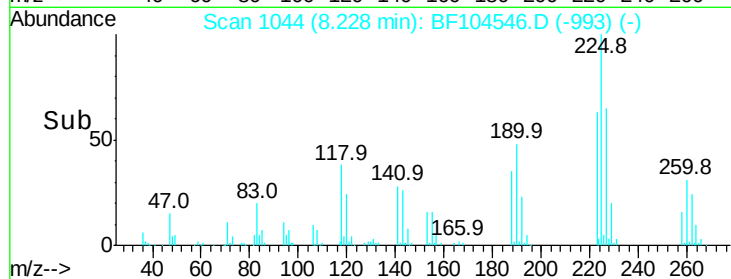
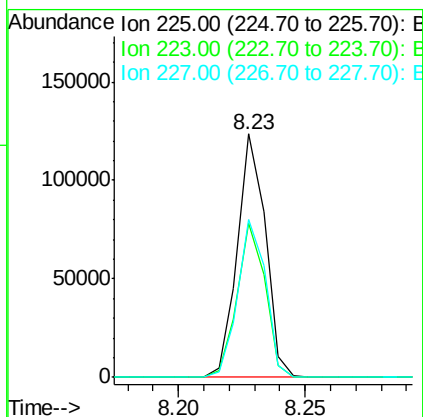
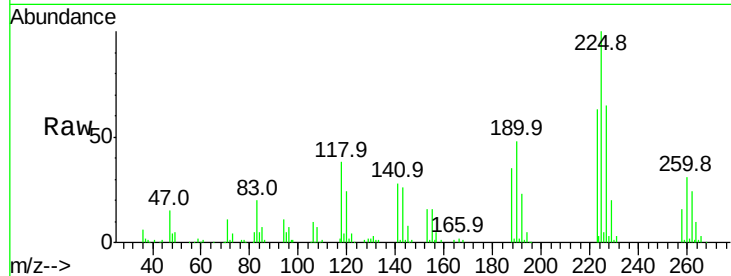




#34
Hexachlorobutadiene
Concen: 17.313 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

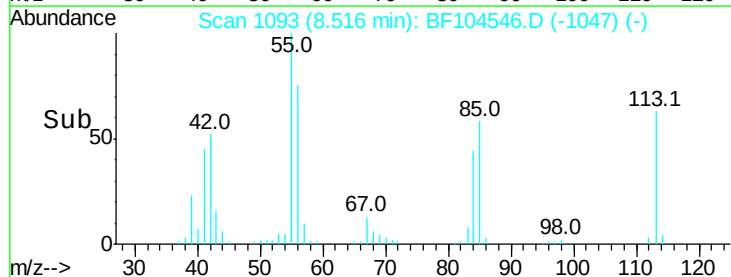
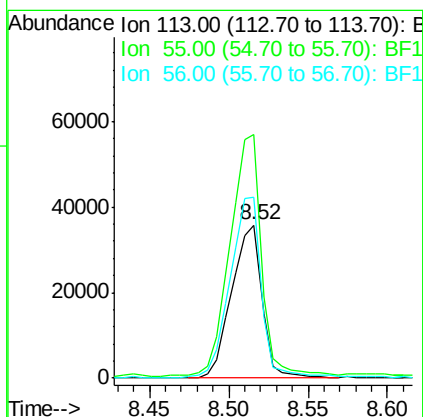
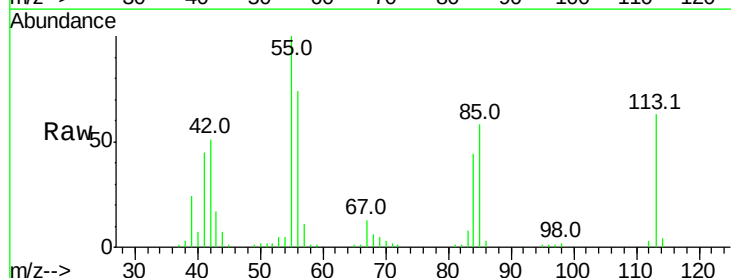
Instrument :
BNA_F
ClientSampleId :

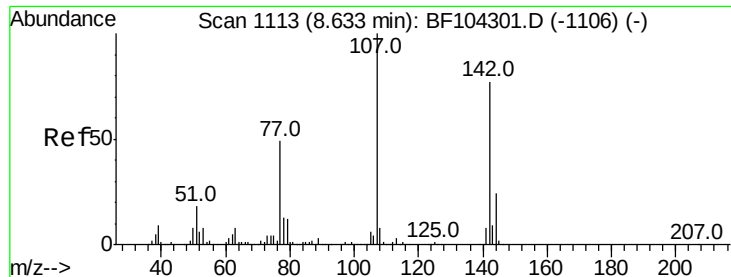
Tot Ion:225 Resp: 94748
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 64.7 51.9 77.9



#35
Caprolactam
Concen: 15.006 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:113 Resp: 47659
Ion Ratio Lower Upper
113 100
55 159.1 163.3 203.3#
56 118.2 115.7 155.7

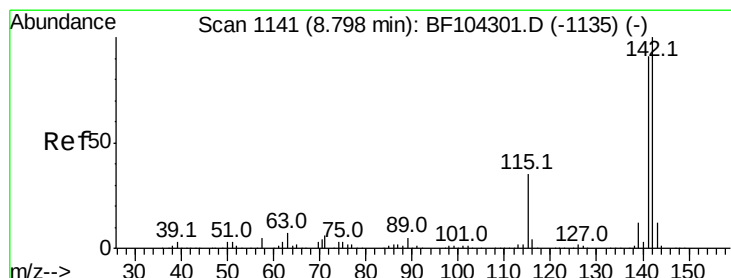
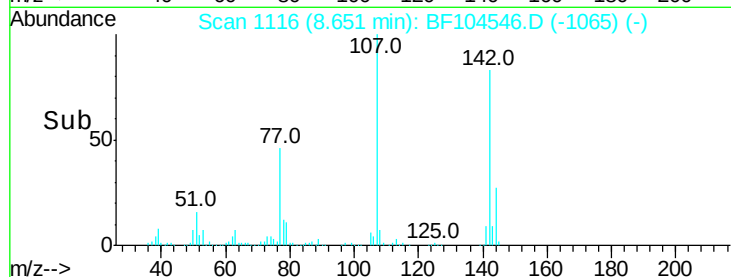
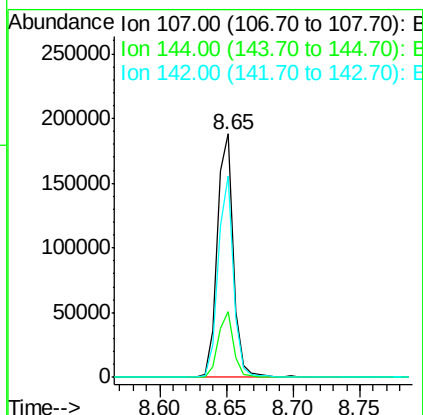
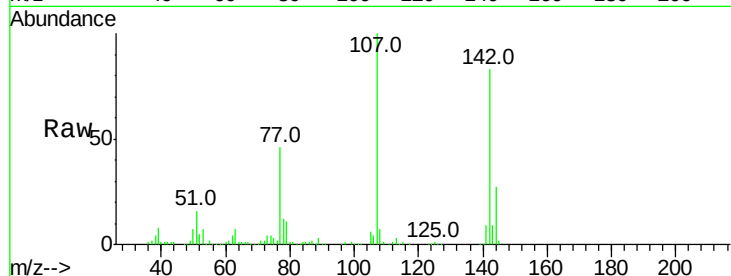




#36
4-Chloro-3-methylphenol
Concen: 16.552 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

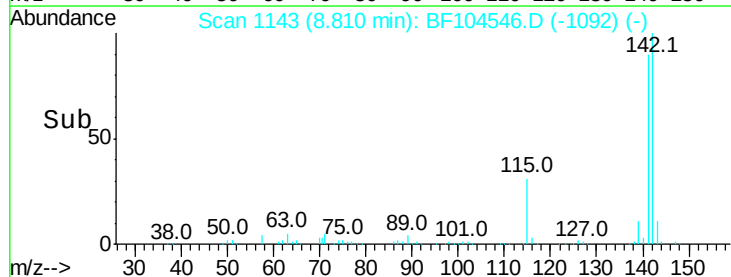
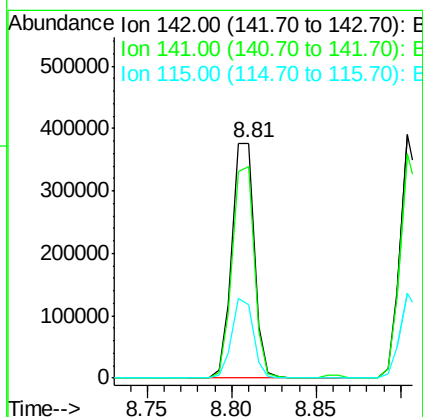
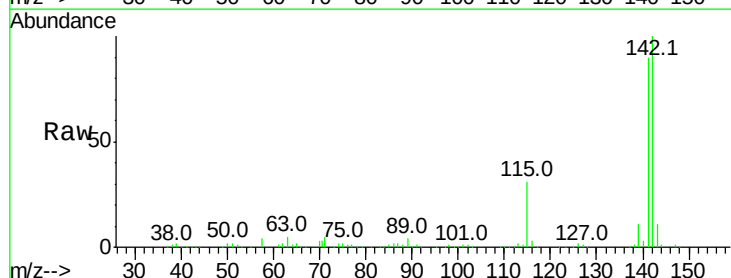
Instrument :
BNA_F
ClientSampled :

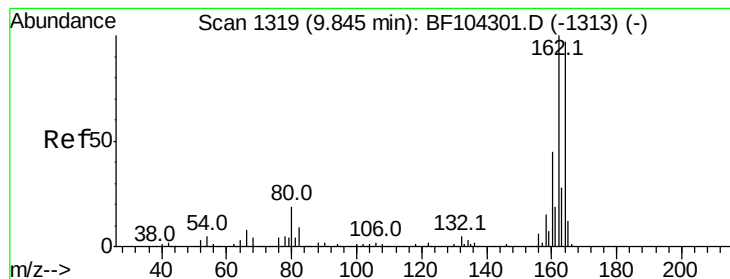
Tot Ion:107 Resp: 161585
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 83.0 62.0 93.0



#37
2-Methylnaphthalene
Concen: 16.134 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:142 Resp: 346928
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 31.2 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

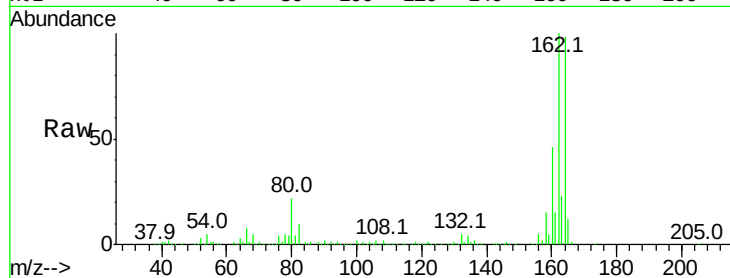
Tot Ion:164 Resp: 279394

Ion Ratio Lower Upper

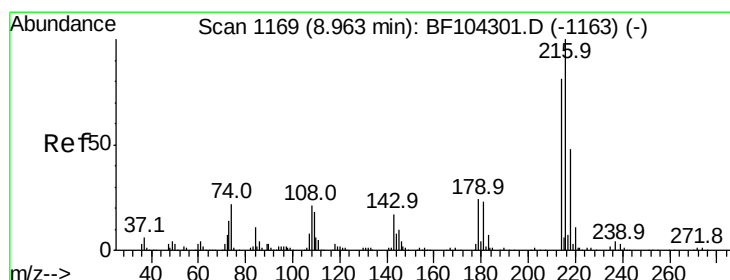
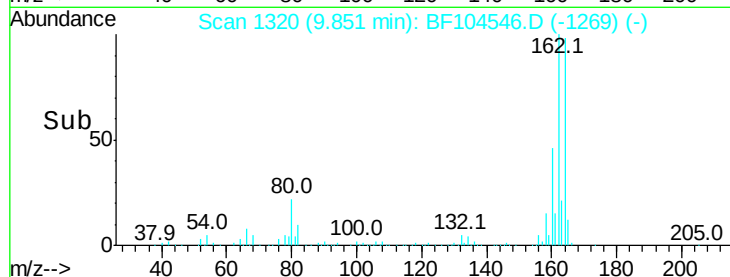
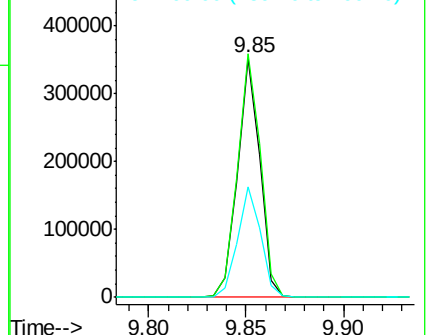
164 100

162 102.1 86.1 129.1

160 46.4 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: 18.713 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Tgt Ion:216 Resp: 149667

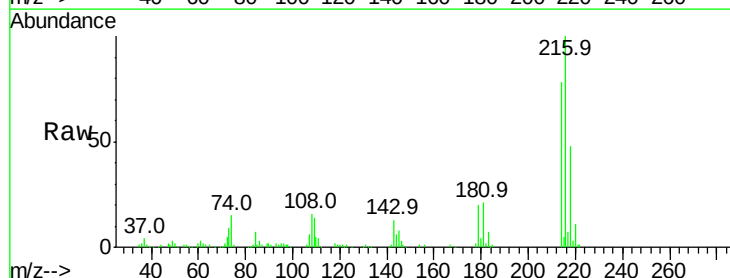
Ion Ratio Lower Upper

216 100

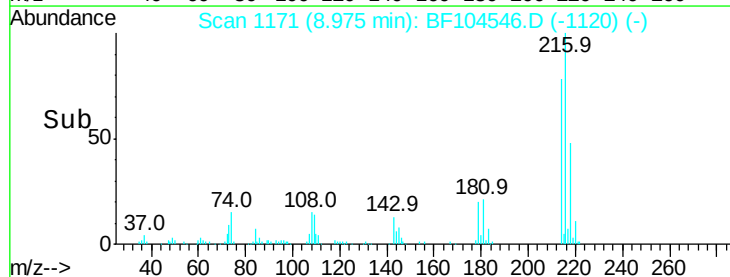
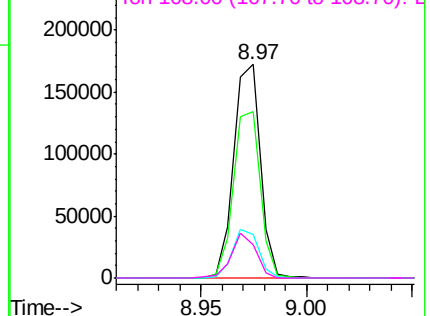
214 78.7 63.0 94.4

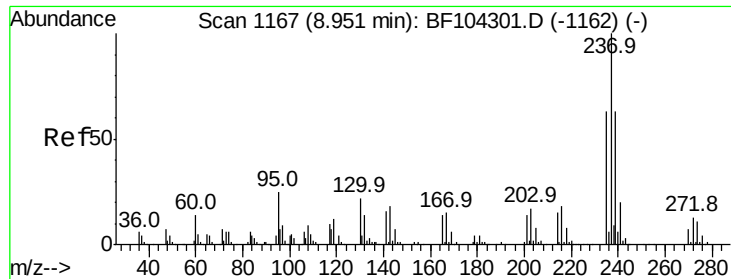
179 22.4 18.1 27.1

108 19.5 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

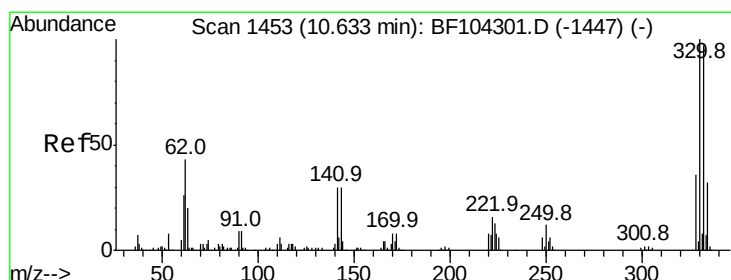
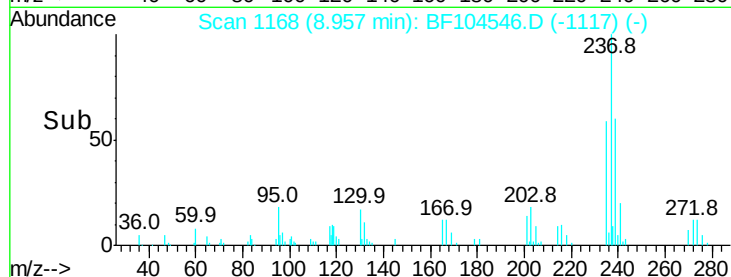
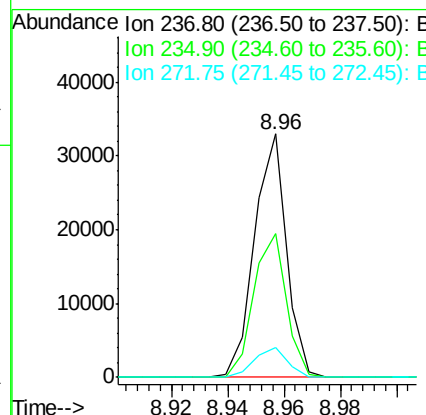
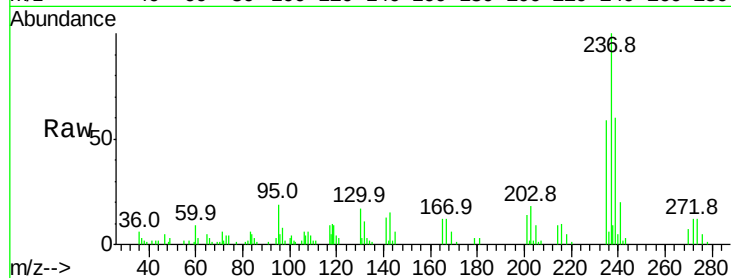




#40
Hexachlorocyclopentadiene
Concen: 5.768 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

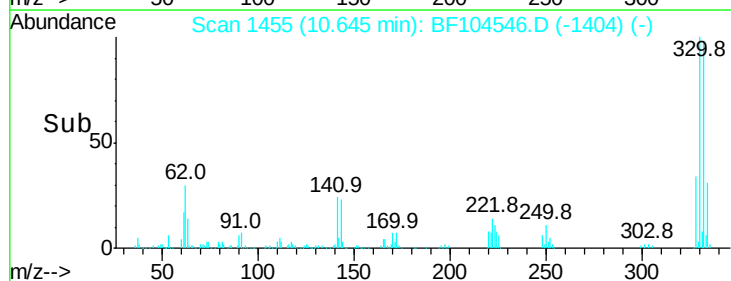
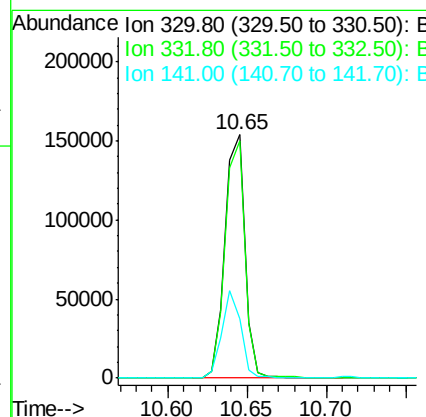
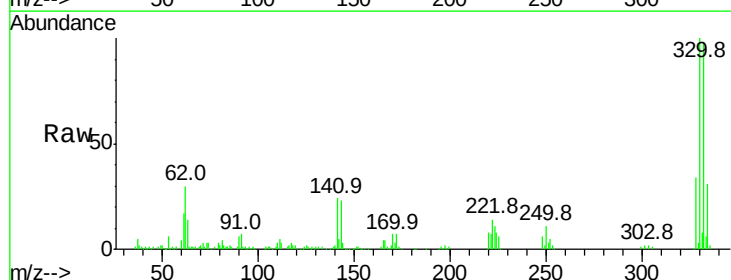
Instrument :
BNA_F
ClientSampleId :

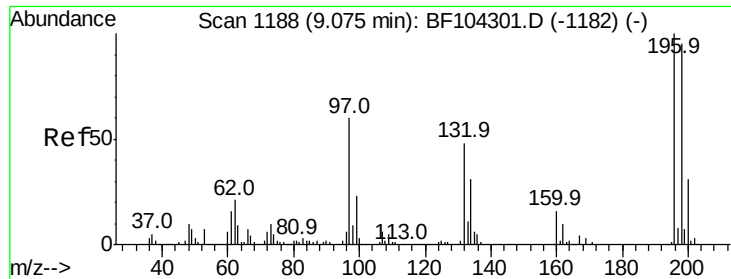
Tot Ion	Ratio	Lower	Upper
237	100		
235	59.0	44.8	84.8
272	12.4	0.0	33.3



#41
2,4,6-Tribromophenol
Concen: 46.499 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.5	29.9	44.9

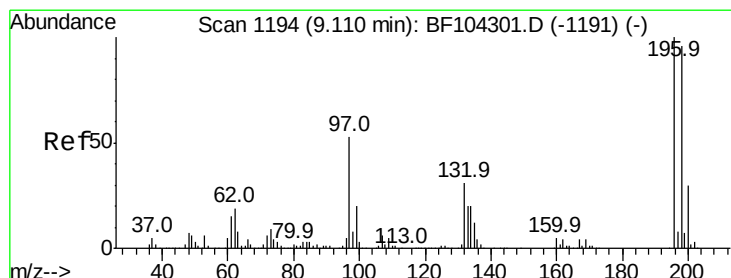
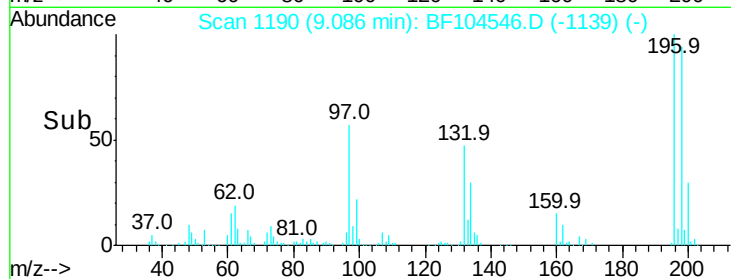
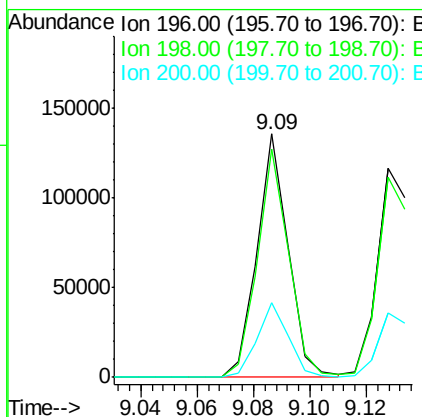
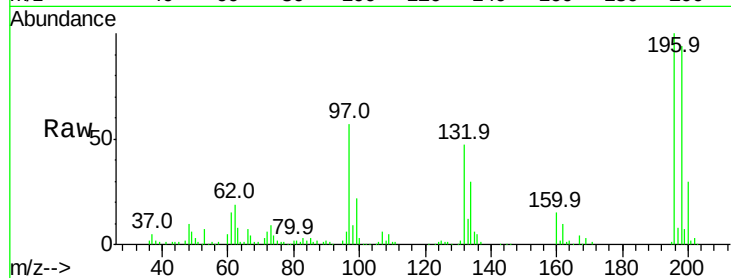




#42
 2,4,6-Trichlorophenol
 Concen: 18.727 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

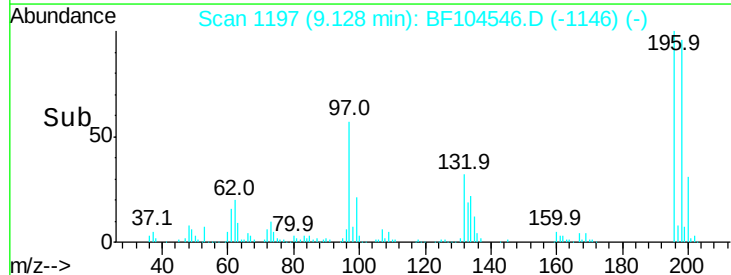
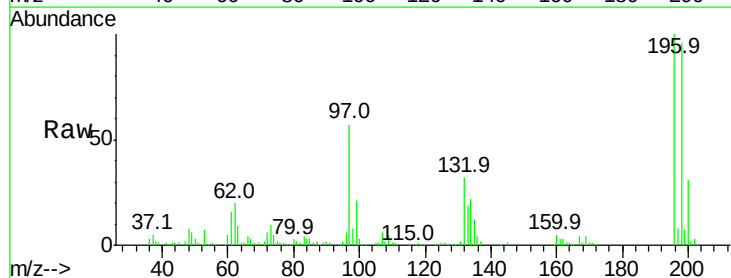
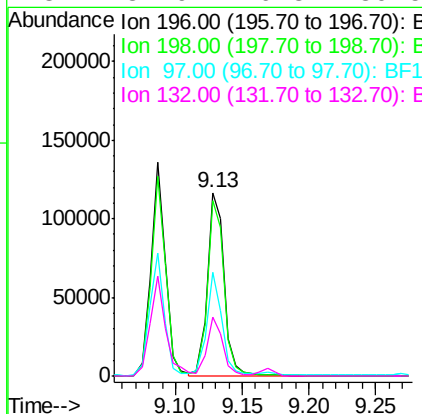
Instrument :
 BNA_F
 ClientSampleId :

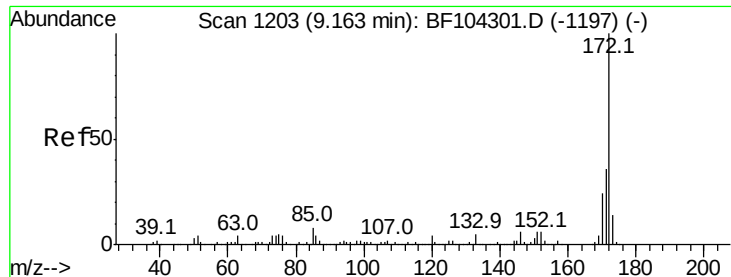
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
200	30.4	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 16.649 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	56.9	42.9	64.3
132	31.9	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 41.301 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

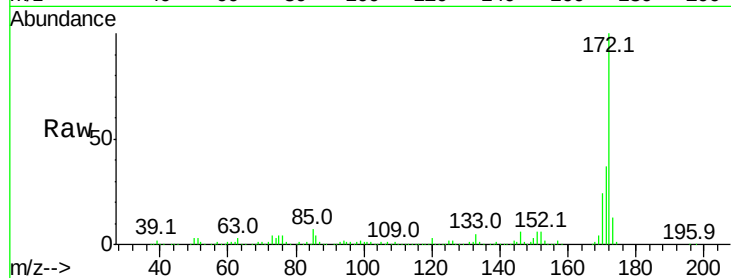
Tot Ion:172 Resp: 730450

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

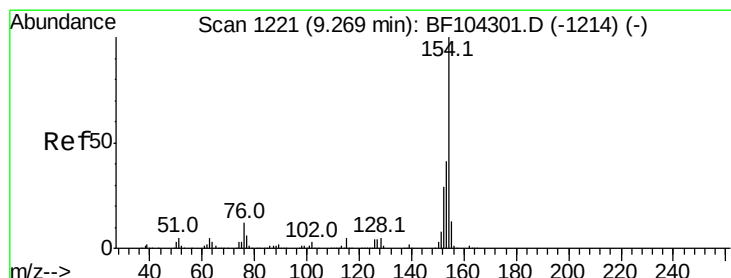
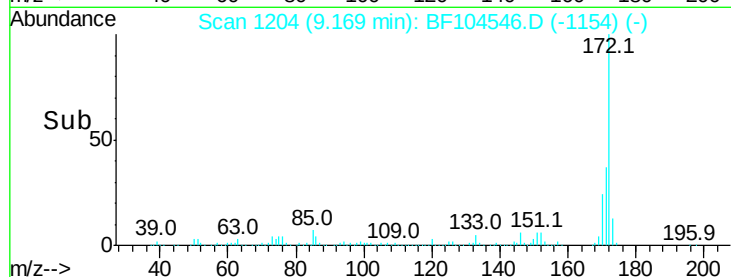
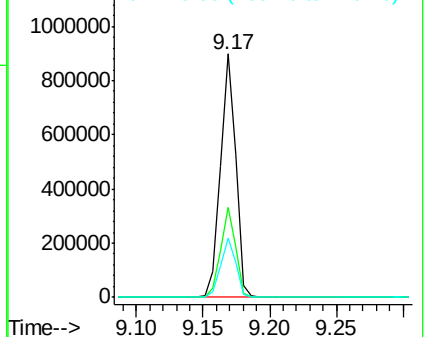
170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 18.468 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

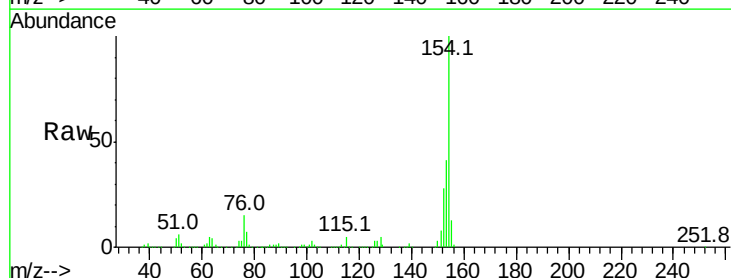
Tgt Ion:154 Resp: 433472

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

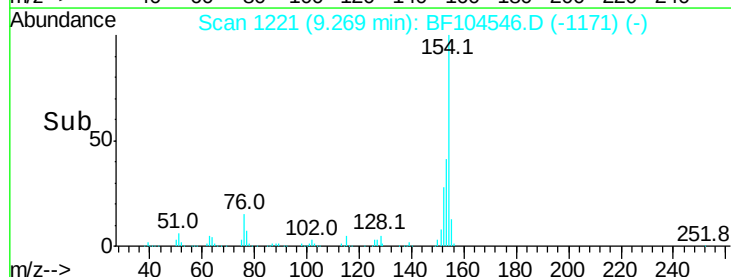
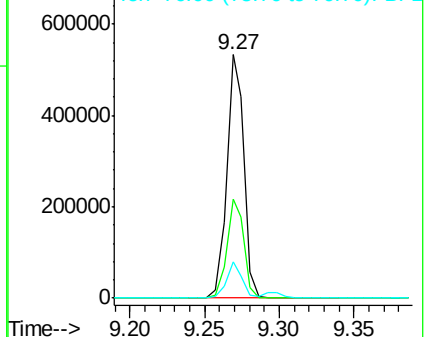
76 14.9 0.0 34.0

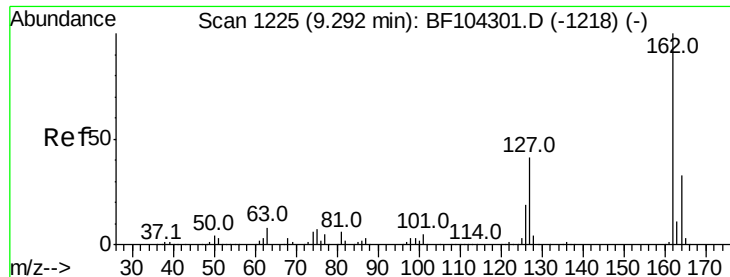


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

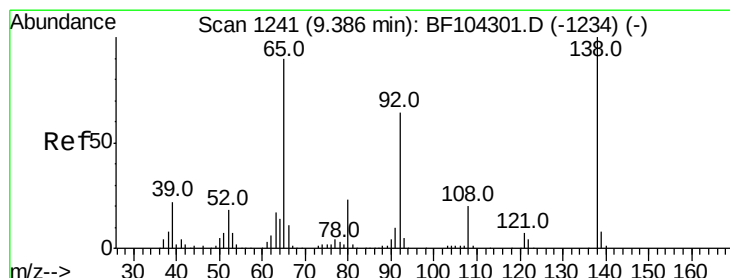
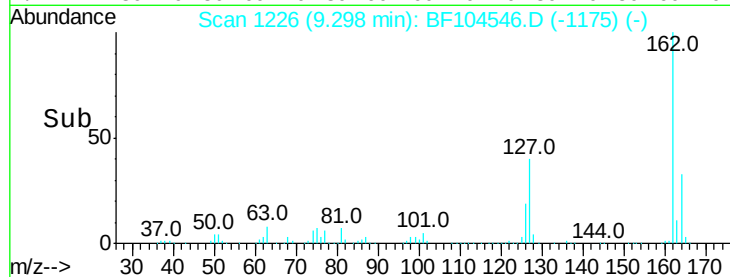
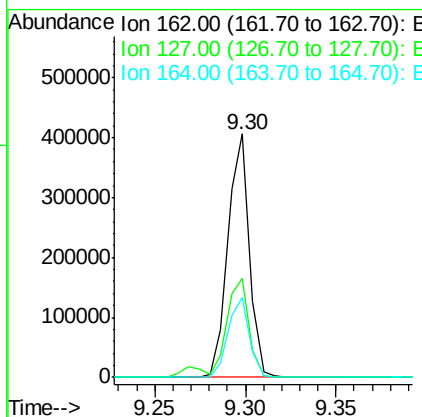
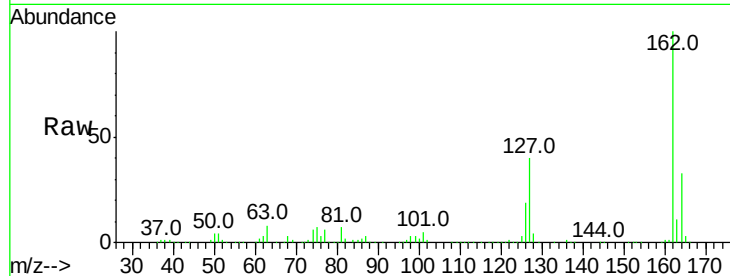




#46
 2-Chloronaphthalene
 Concen: 18.024 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

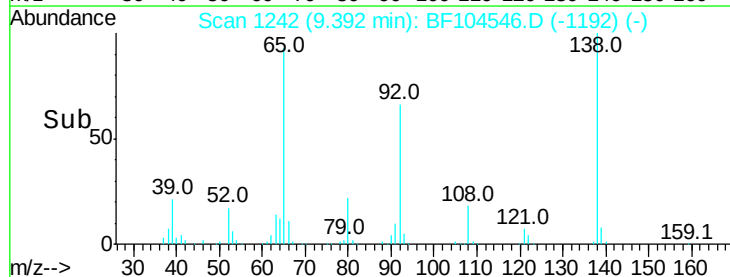
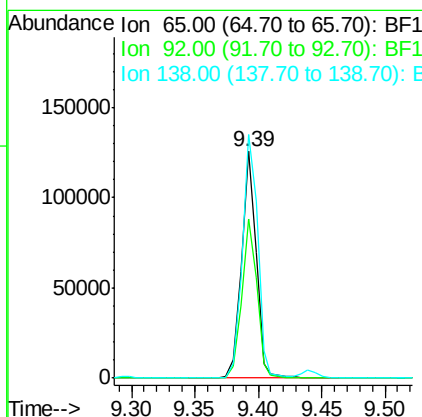
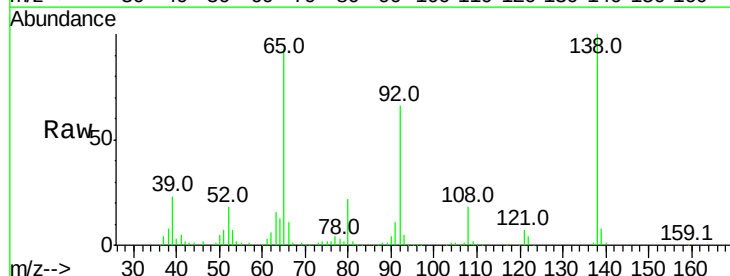
Instrument :
 BNA_F
 ClientSampleId :

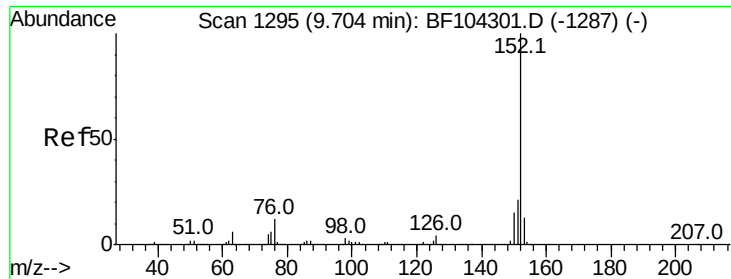
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.8	26.5	39.7



#47
 2-Nitroaniline
 Concen: 21.700 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	55.8	83.6
138	107.5	91.2	136.8





#48

Acenaphthylene

Concen: 16.392 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

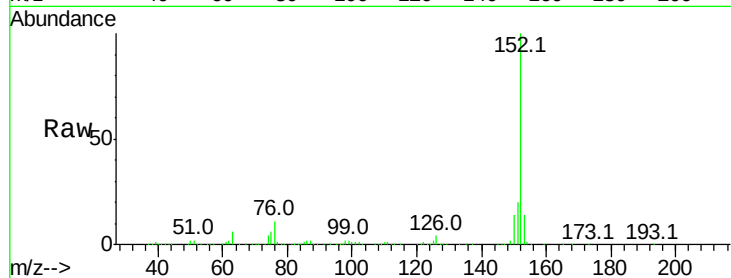
Tot Ion:152 Resp: 476794

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

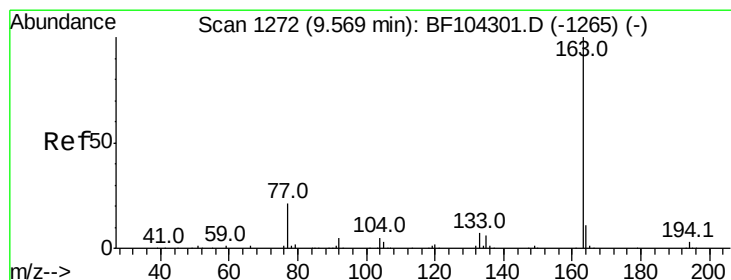
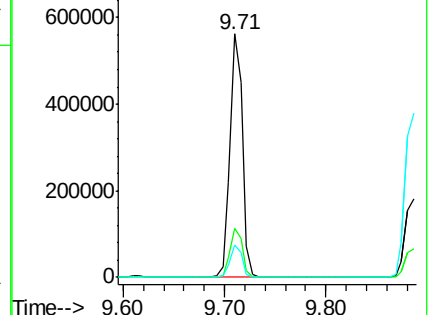
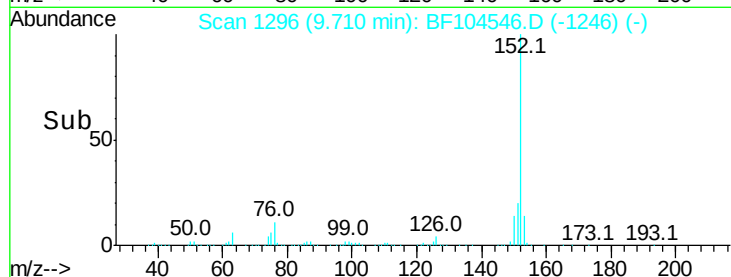
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 21.981 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

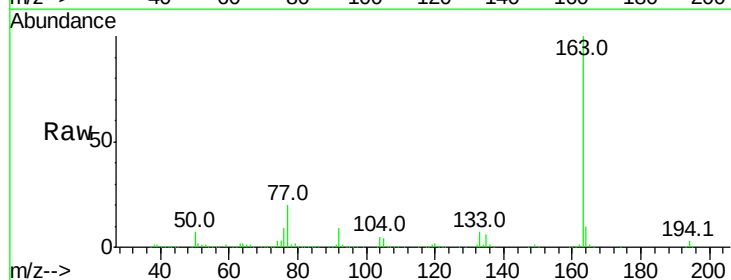
Tgt Ion:163 Resp: 484302

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

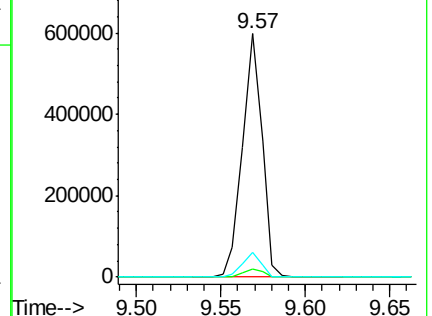
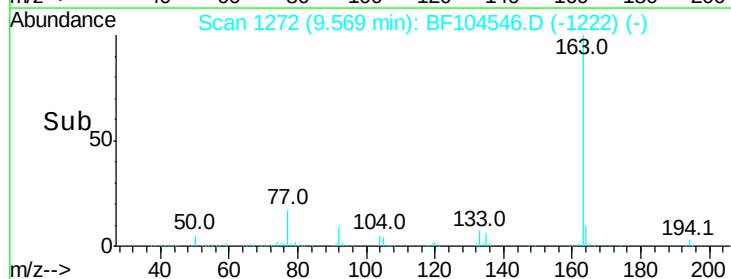
164 10.2 8.2 12.2

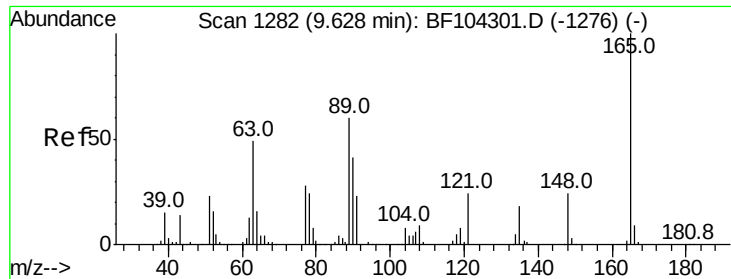


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

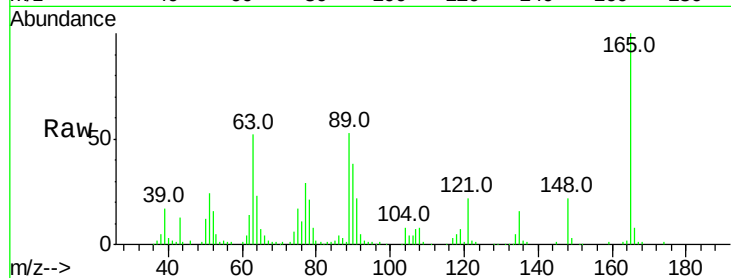




#50
 2,6-Dinitrotoluene
 Concen: 19.591 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :

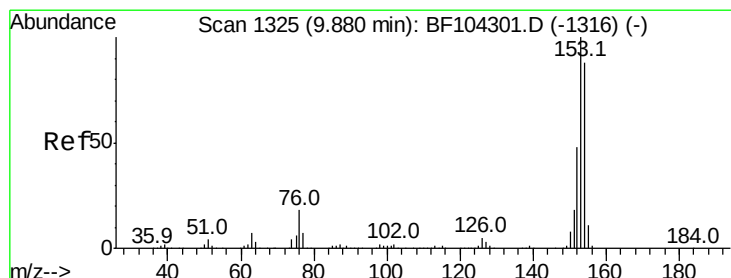
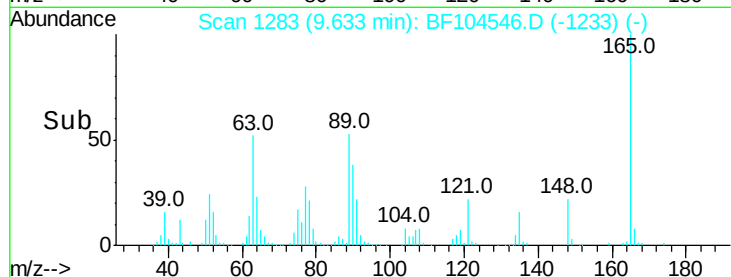
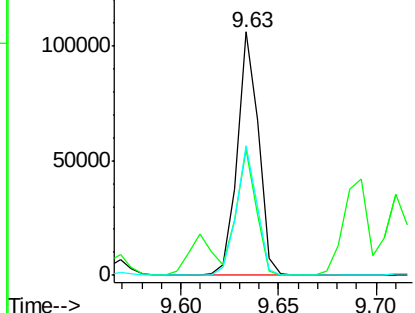
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	44.7	67.1
89	53.3	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E

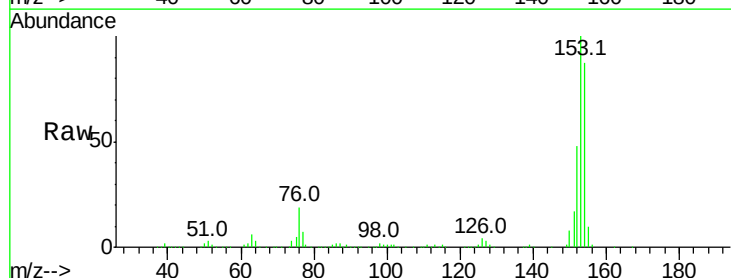
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
 Acenaphthene
 Concen: 15.527 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

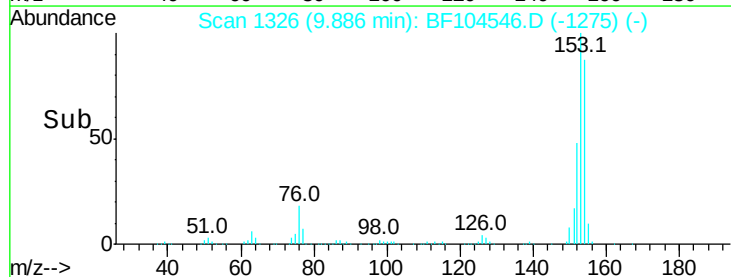
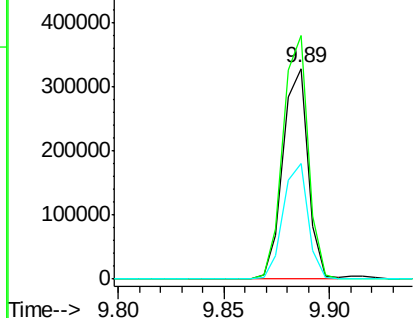
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	55.0	43.8	65.8

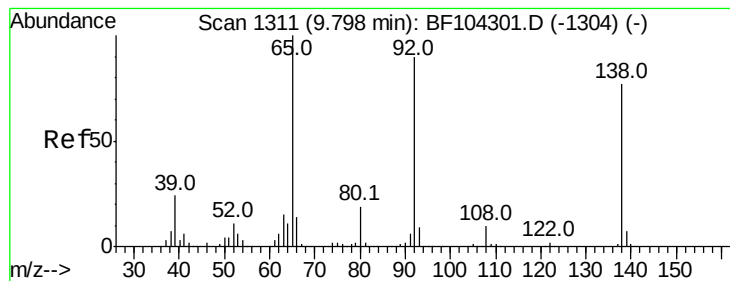


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 16.097 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

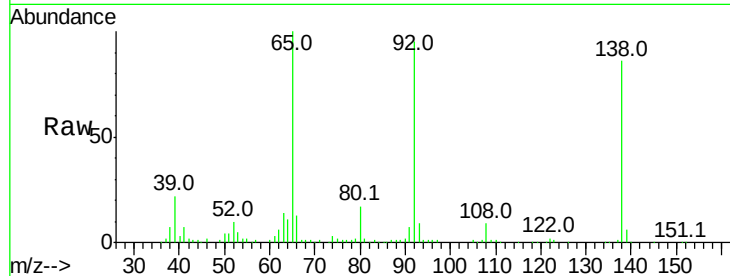
Tot Ion:138 Resp: 76829

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

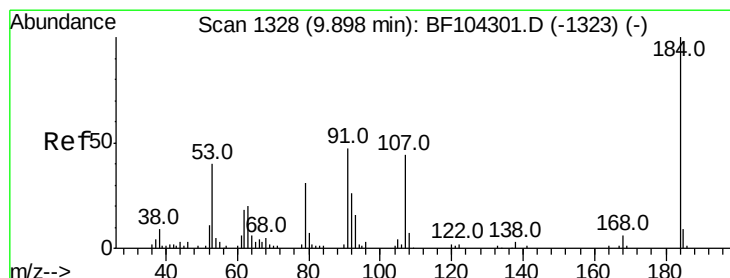
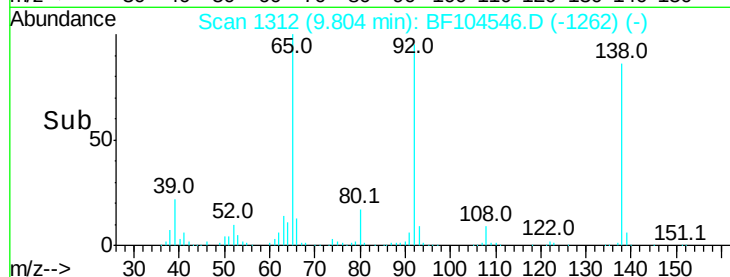
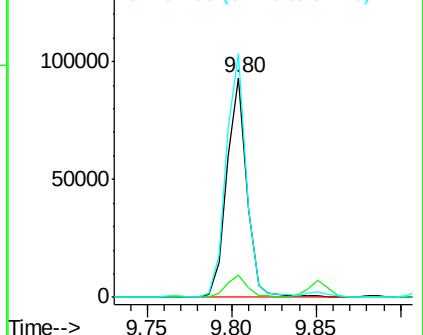
92 110.9 89.4 134.2



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: 10.409 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

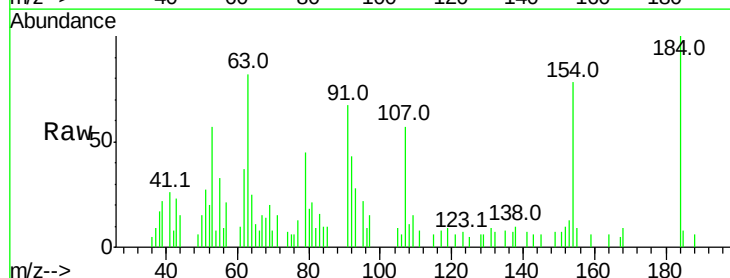
Tgt Ion:184 Resp: 6091

Ion Ratio Lower Upper

184 100

63 81.7 54.2 81.2#

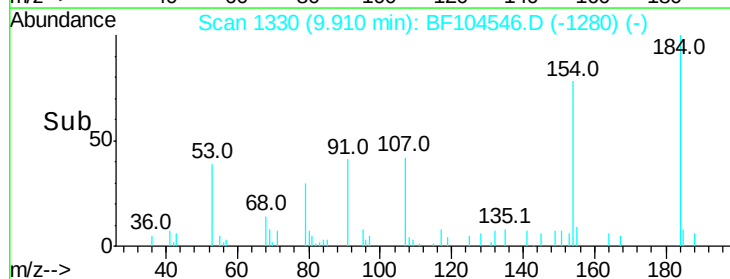
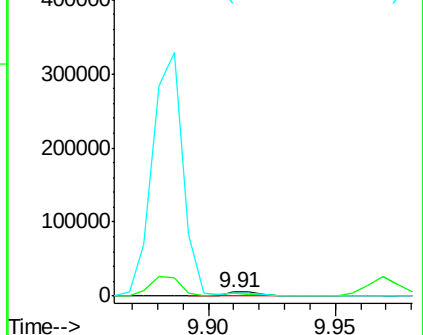
154 78.3 184.0 276.0#

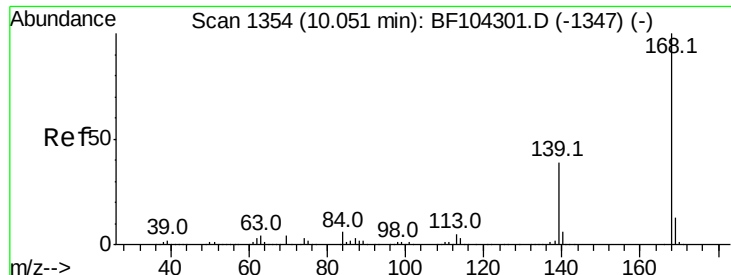


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 17.117 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

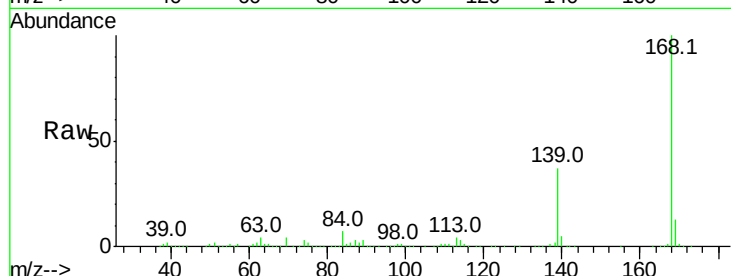
Tot Ion:168 Resp: 423359

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

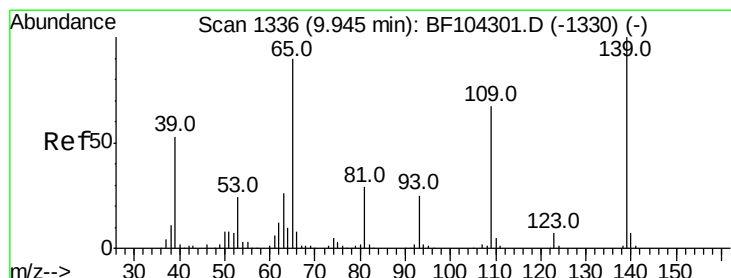
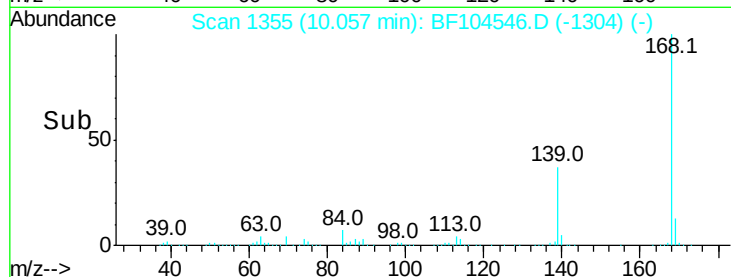
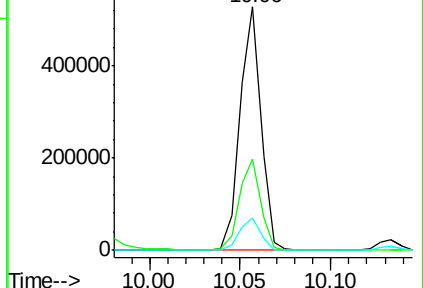
169 13.2 10.9 16.3



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: 28.720 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

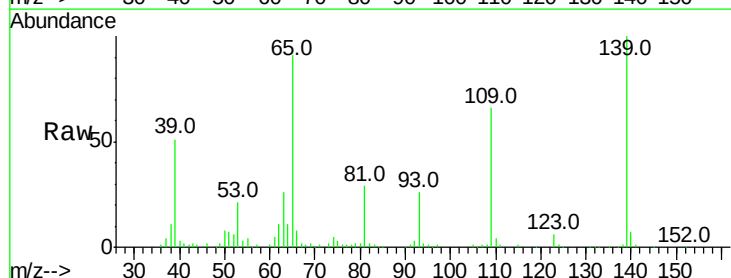
Tgt Ion:139 Resp: 107675

Ion Ratio Lower Upper

139 100

109 65.9 48.4 88.4

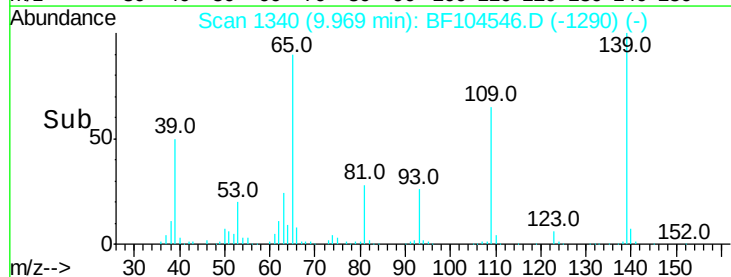
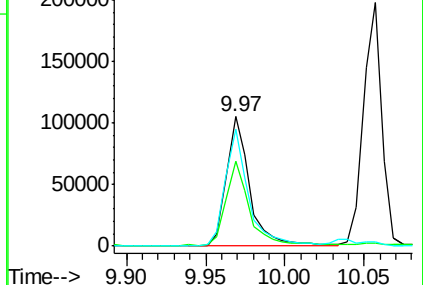
65 90.5 72.6 112.6

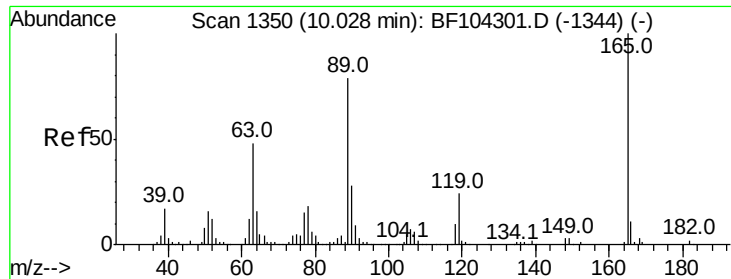


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

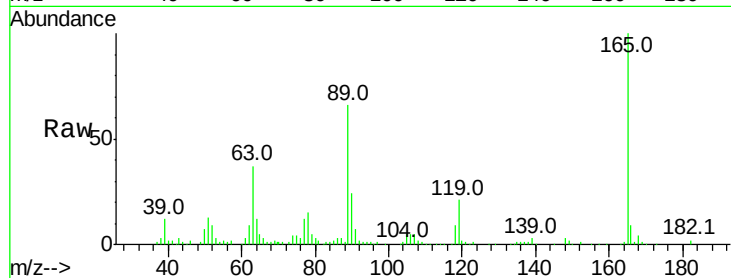




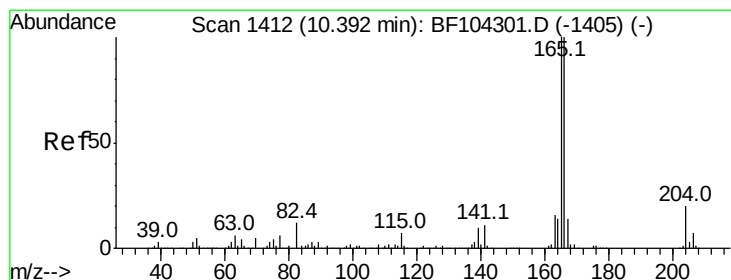
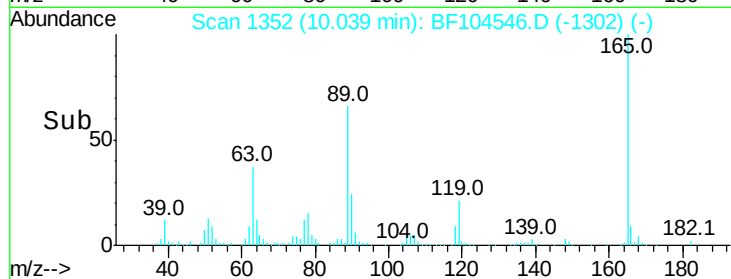
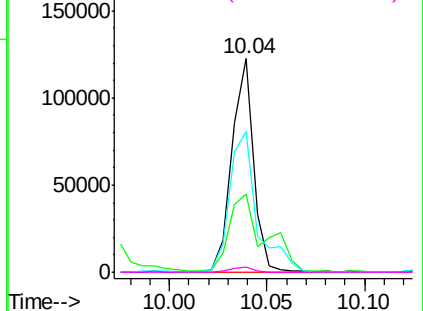
#56
2,4-Dinitrotoluene
Concen: 17.693 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 94617
Ion Ratio Lower Upper
165 100
63 36.8 36.4 54.6
89 66.0 57.8 86.6
182 2.2 1.6 2.4

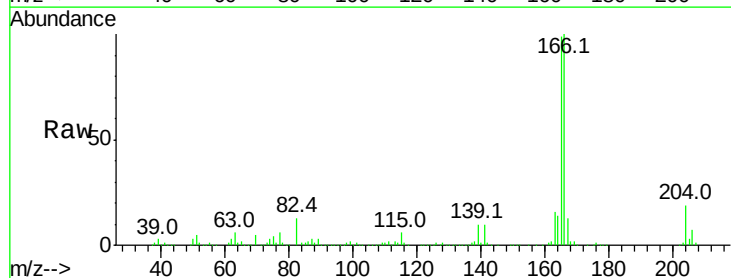


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

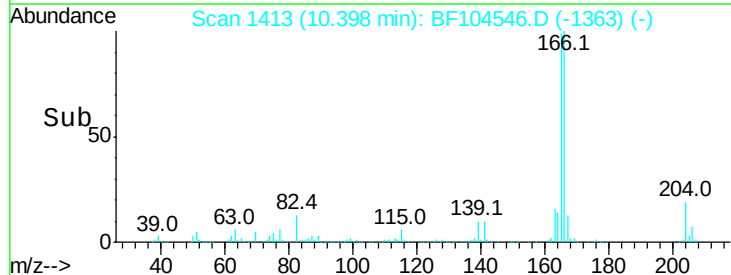
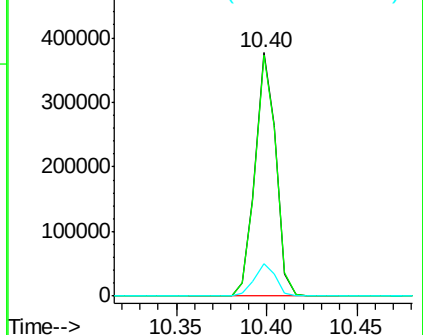


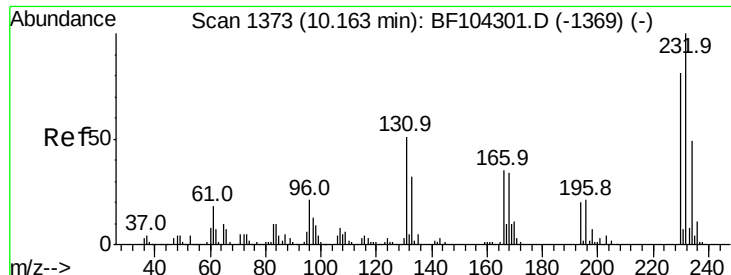
#57
Fluorene
Concen: 16.745 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion:166 Resp: 301440
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.8
167 13.3 10.6 16.0



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

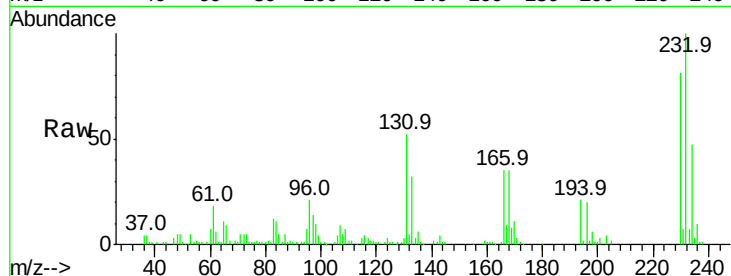




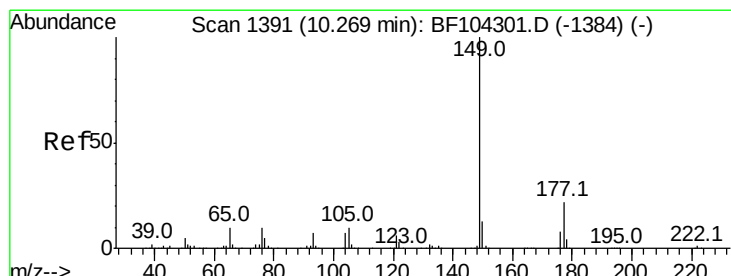
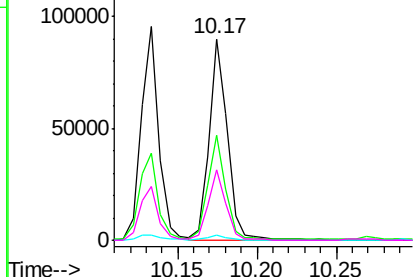
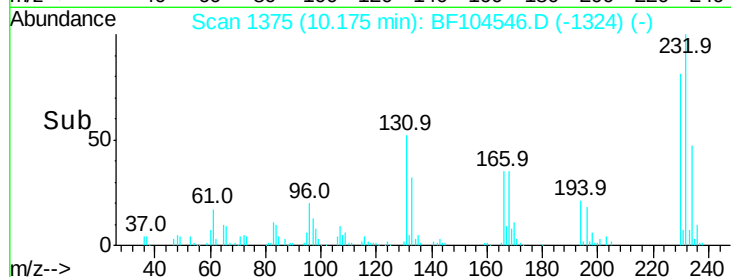
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.748 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 72993
 Ion Ratio Lower Upper
 232 100
 131 49.5 43.8 65.8
 130 2.9 2.1 3.1
 166 34.7 27.8 41.6

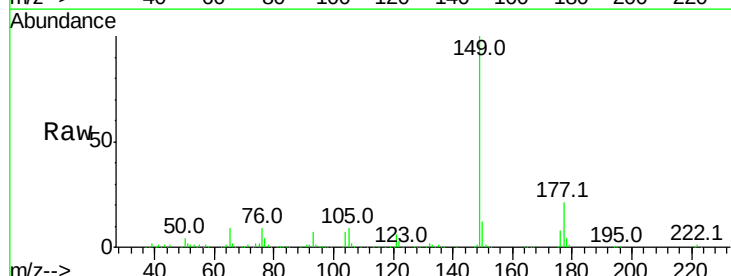


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

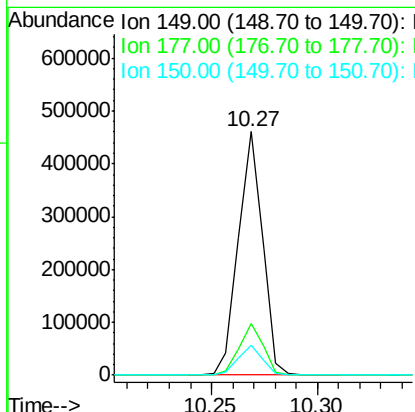
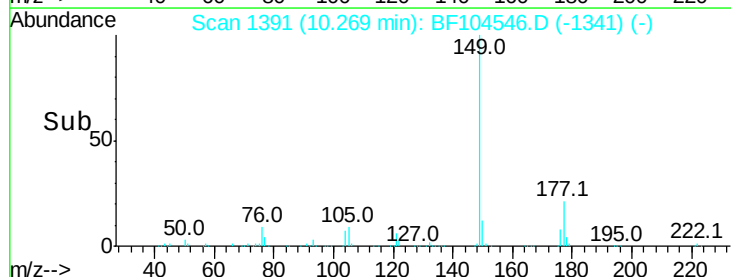


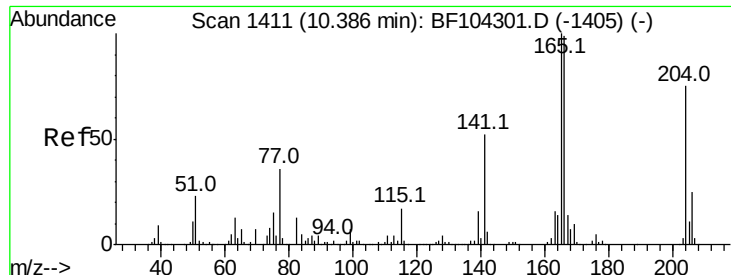
#59
 Diethylphthalate
 Concen: 16.601 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion:149 Resp: 364263
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.1 24.1
 150 12.2 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

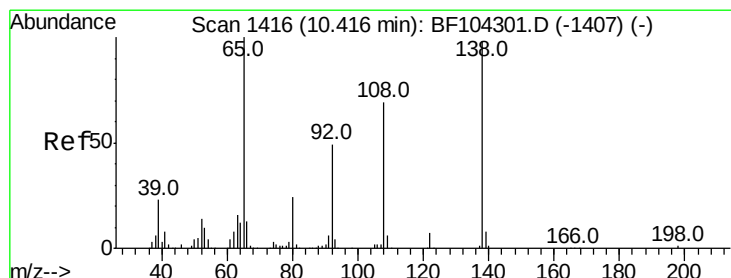
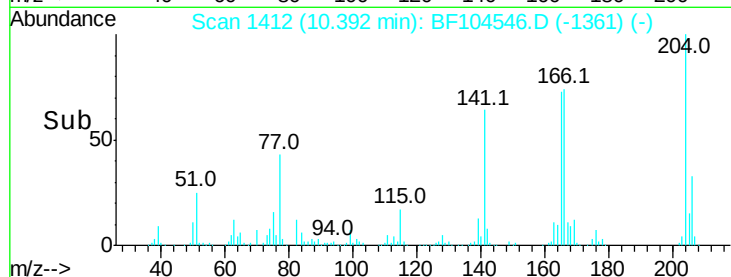
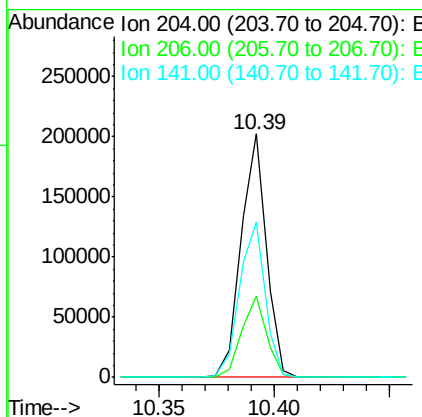
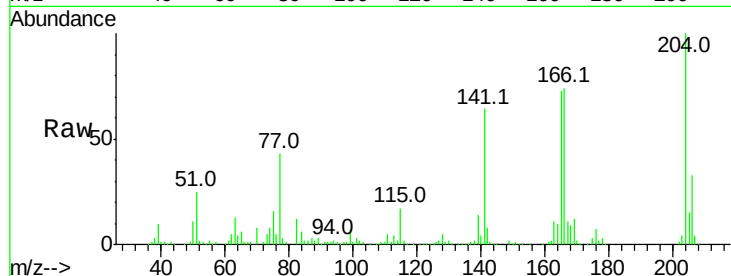




#60
 4-Chlorophenyl-phenylether
 Concen: 19.344 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

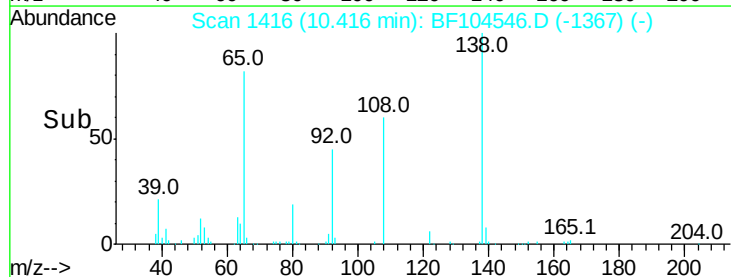
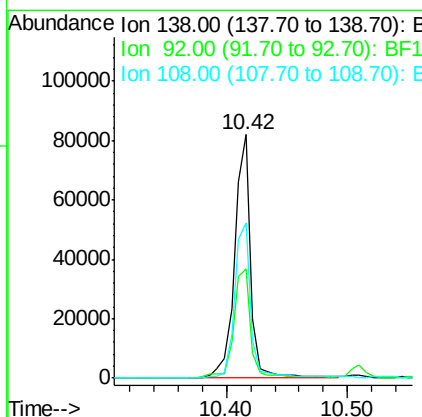
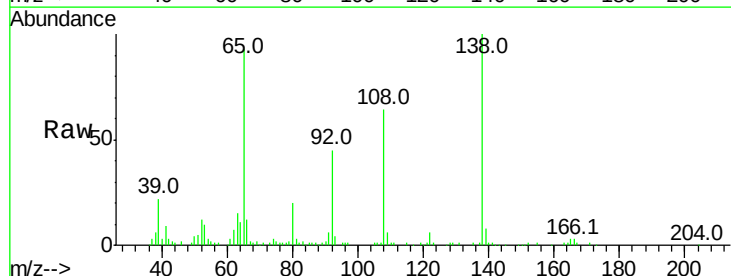
Instrument :
 BNA_F
 ClientSampleId :

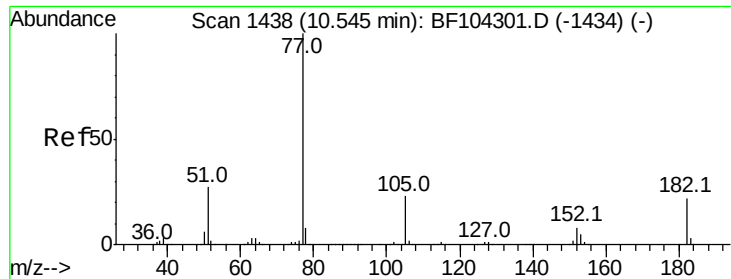
Tot Ion:204 Resp: 155082
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.5 39.7
 141 63.9 54.6 81.8



#61
 4-Nitroaniline
 Concen: 16.317 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion:138 Resp: 76145
 Ion Ratio Lower Upper
 138 100
 92 44.8 30.2 70.2
 108 64.0 52.5 92.5





#62

Azobenzene

Concen: 15.750 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 330181

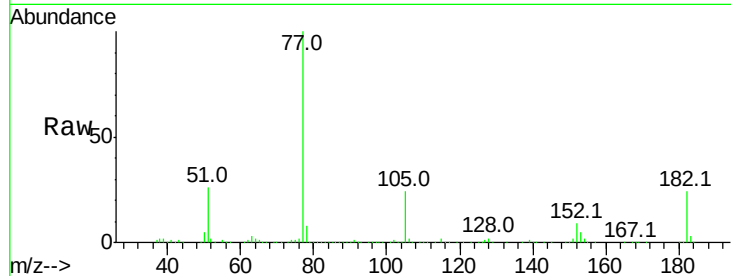
Ion Ratio Lower Upper

77 100

182 23.9 1.7 41.7

105 24.2 3.0 43.0

51 25.7 9.9 49.9

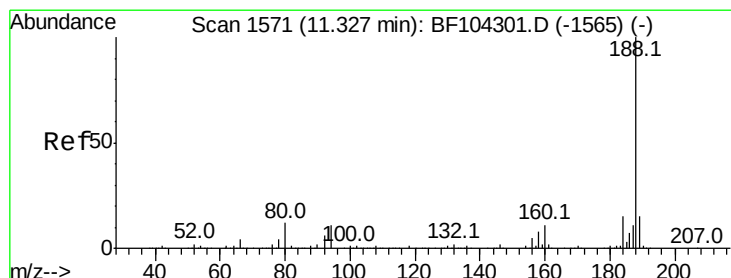
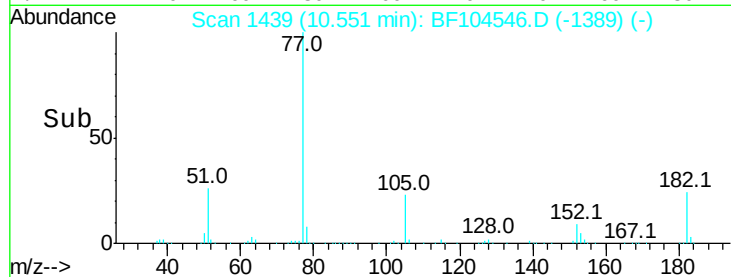
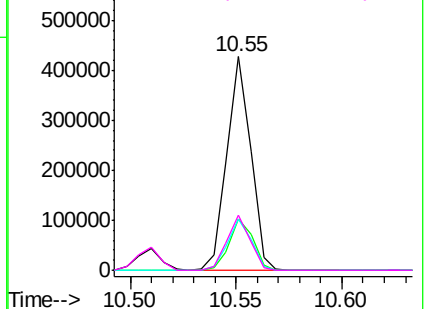


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

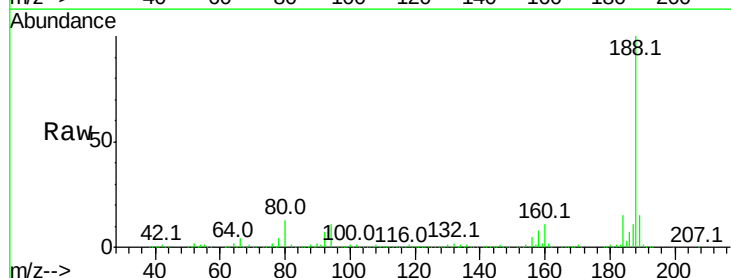
Tgt Ion: 188 Resp: 422963

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

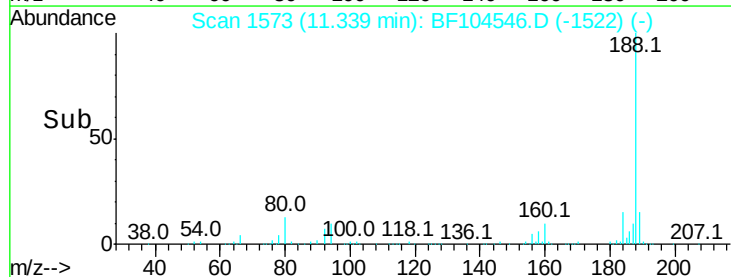
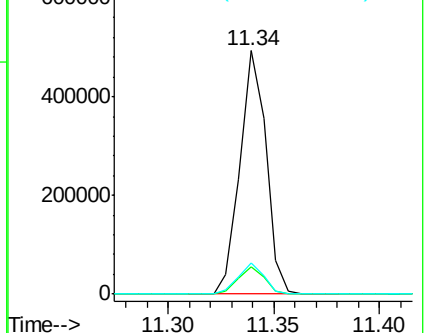
80 12.8 9.2 13.8

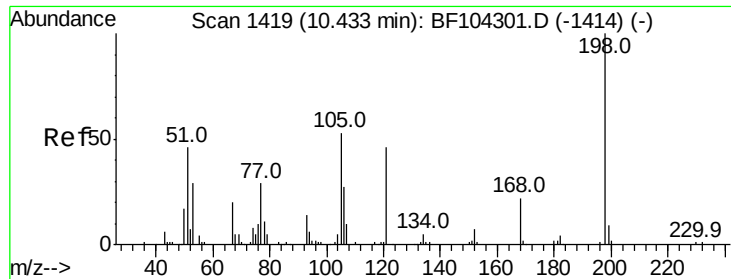


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

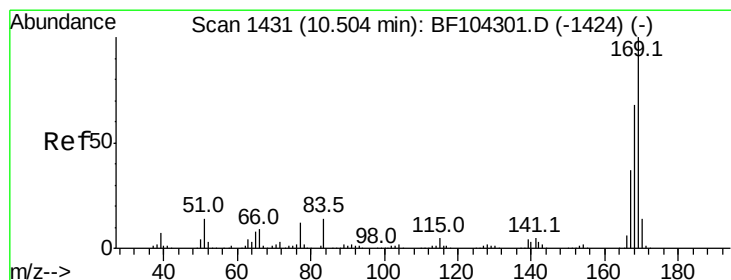
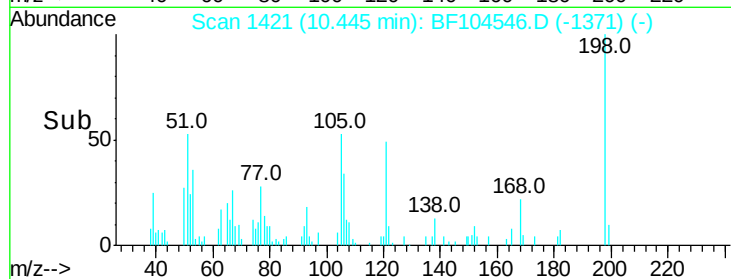
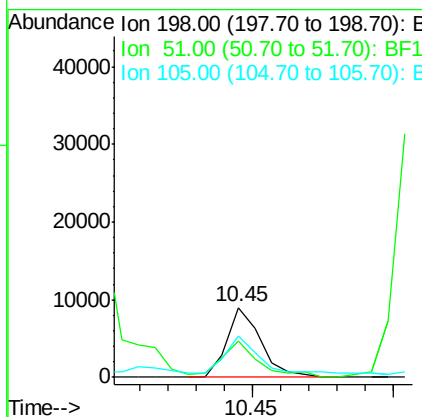
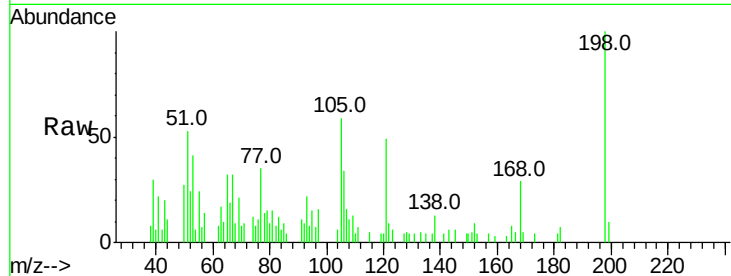




#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.414 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

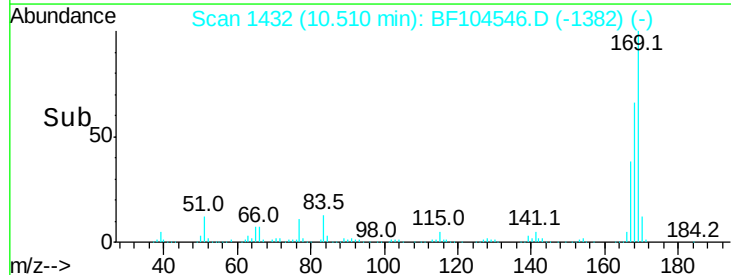
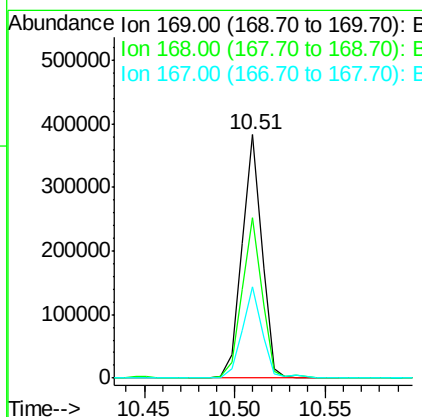
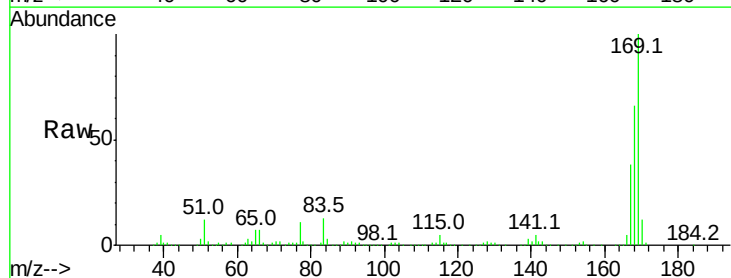
Instrument :
 BNA_F
 ClientSampleId :

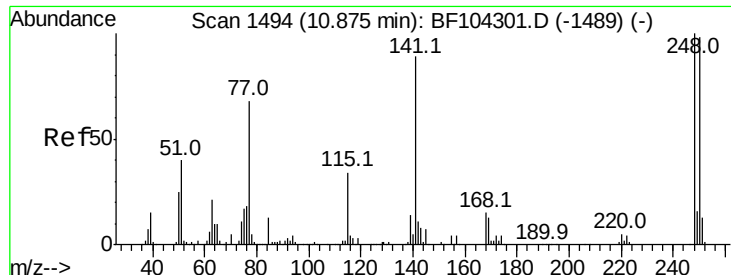
Tot Ion:198 Resp: 7460
 Ion Ratio Lower Upper
 198 100
 51 52.9 37.7 77.7
 105 58.8 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 19.948 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion:169 Resp: 292543
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.4 81.6
 167 37.6 29.8 44.6

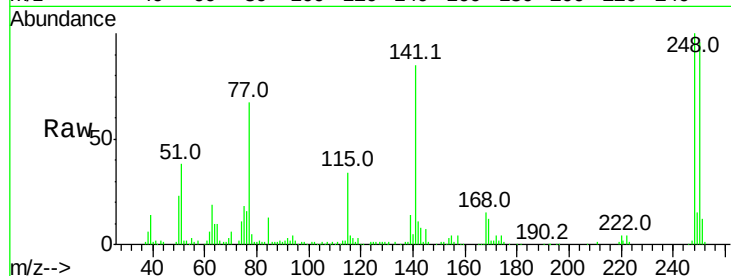




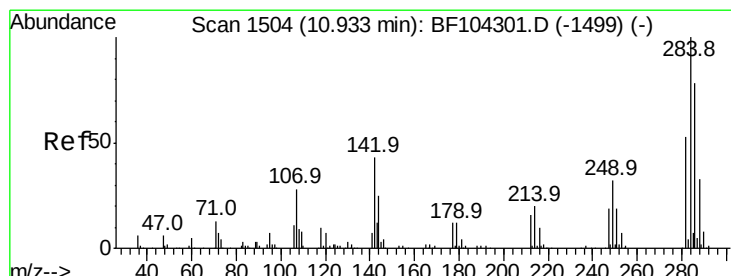
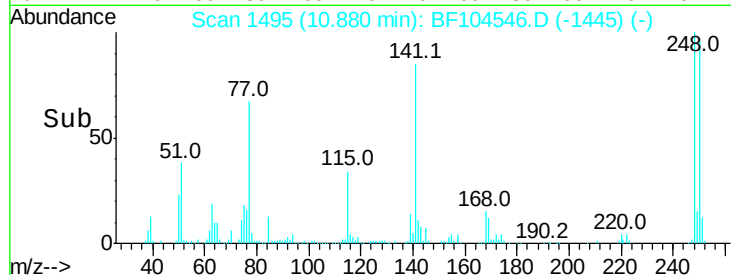
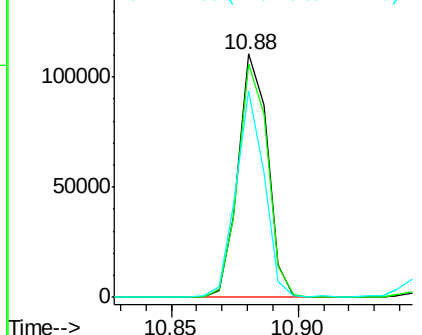
#66
4-Bromophenyl-phenylether
Concen: 19.885 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	84.8	74.4	111.6

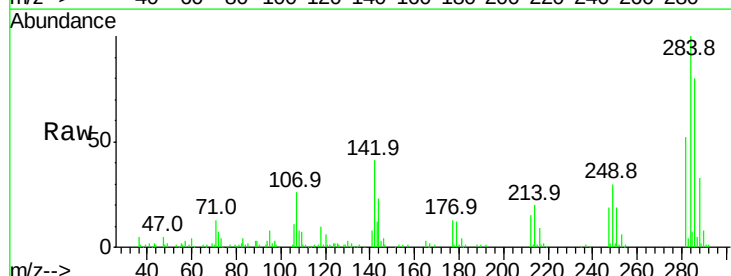


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

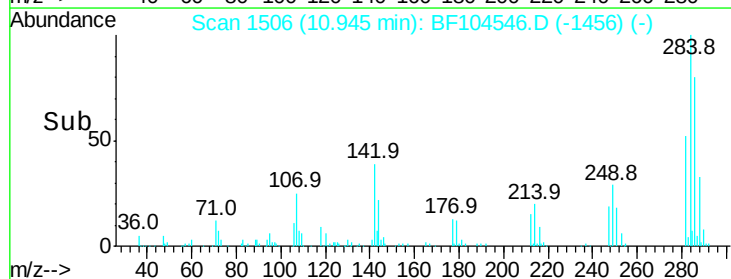
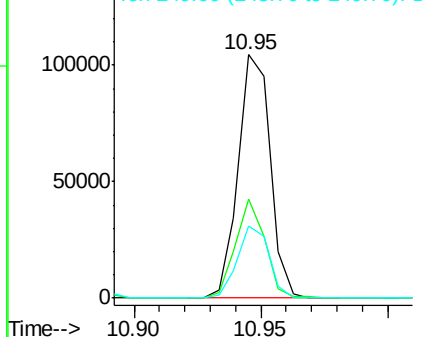


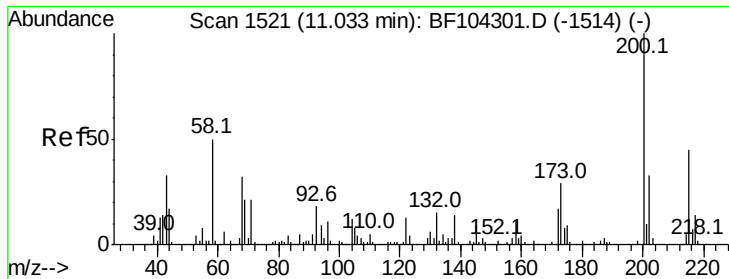
#67
Hexachlorobenzene
Concen: 18.093 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF104546.D
Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.5	34.6	52.0
249	29.8	24.8	37.2



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

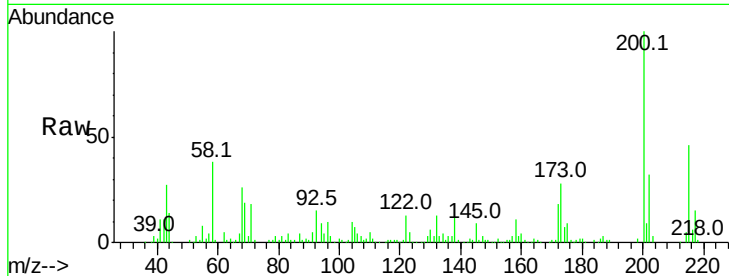




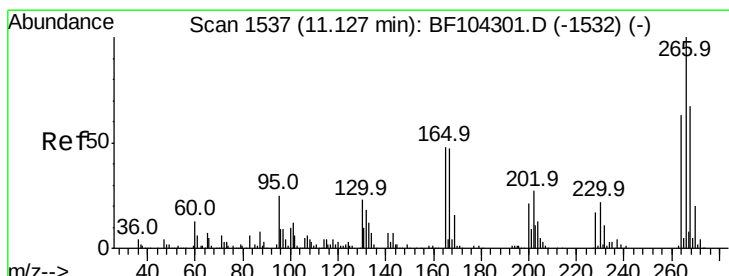
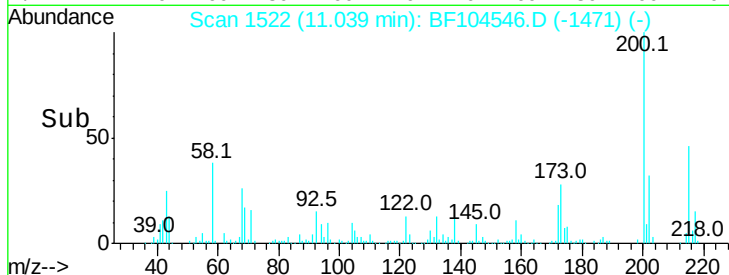
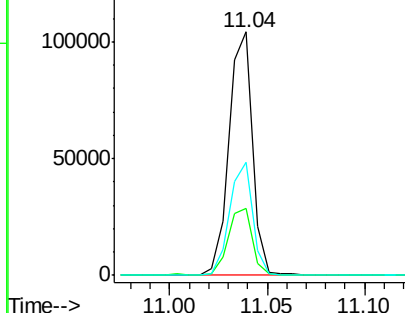
#68
 Atrazine
 Concen: 19.614 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 86826
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.6 48.6
 215 46.3 25.1 65.1

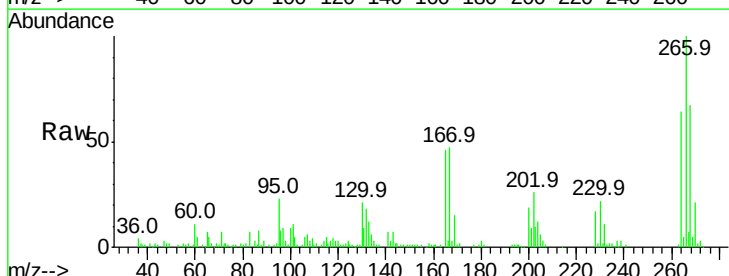


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

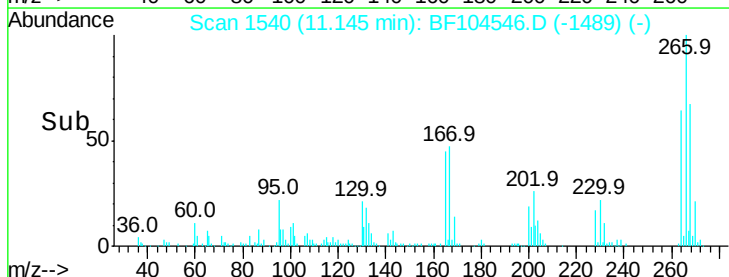
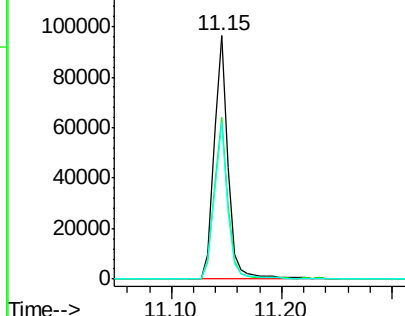


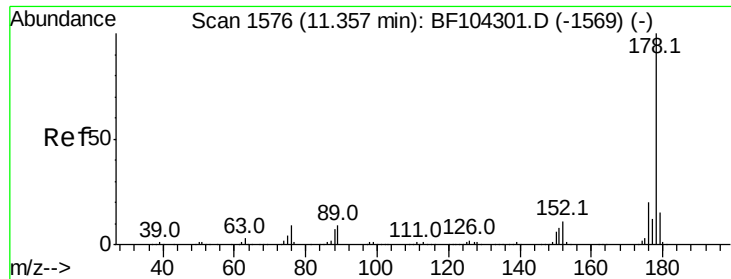
#69
 Pentachlorophenol
 Concen: 26.607 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion:266 Resp: 83326
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 64.3 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

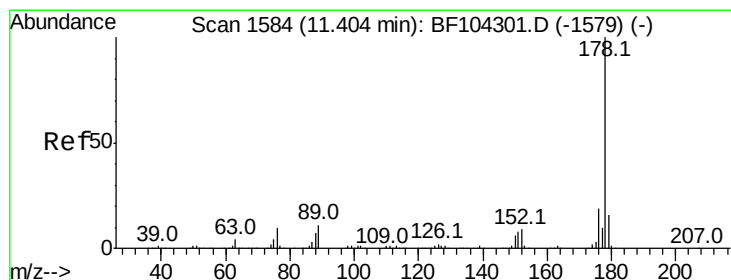
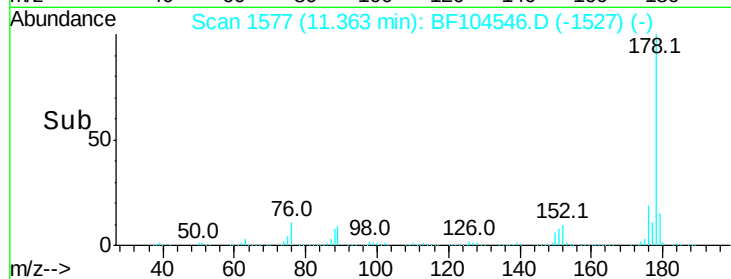
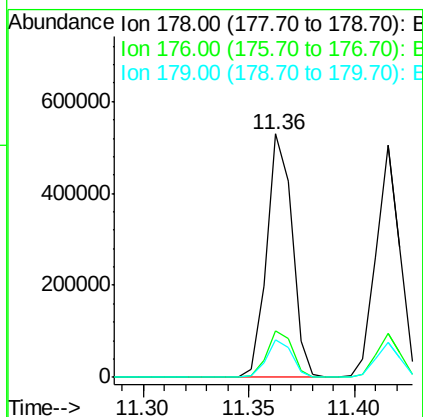
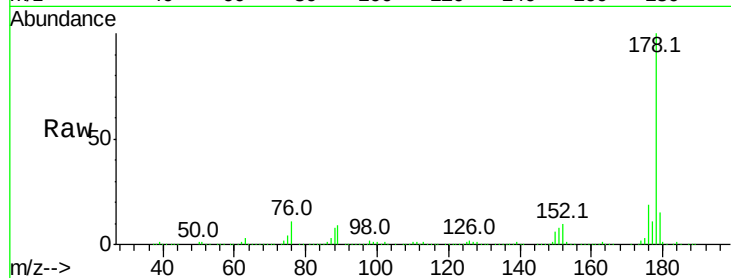




#70
 Phenanthrene
 Concen: 18.897 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

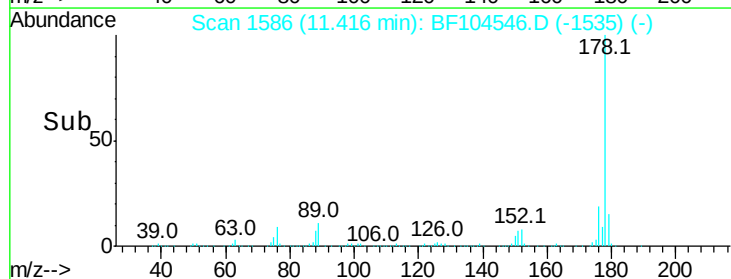
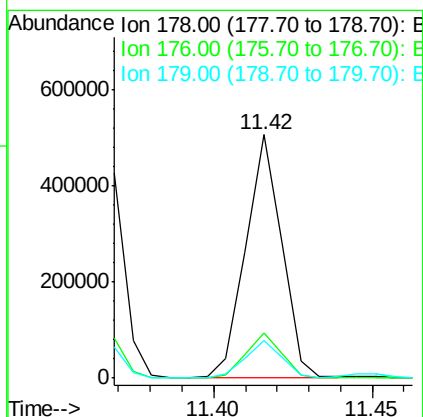
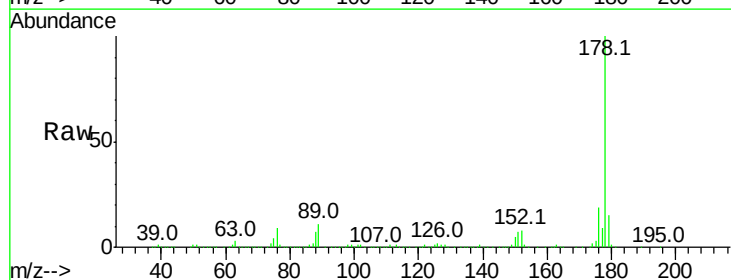
Instrument :
 BNA_F
 ClientSampleId :

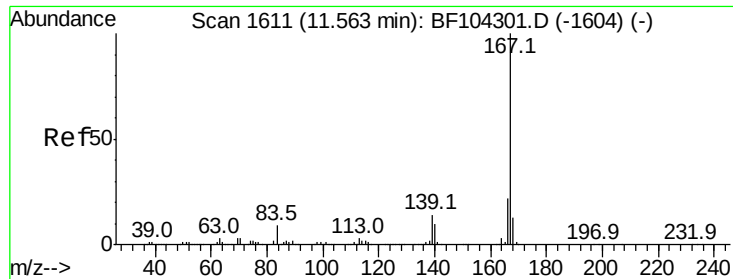
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6



#71
 Anthracene
 Concen: 16.546 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 16.843 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

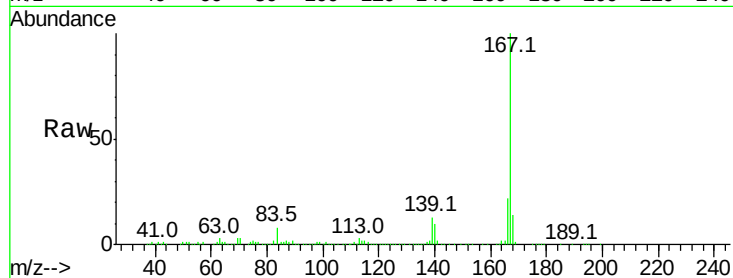
Tot Ion:167 Resp: 394072

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

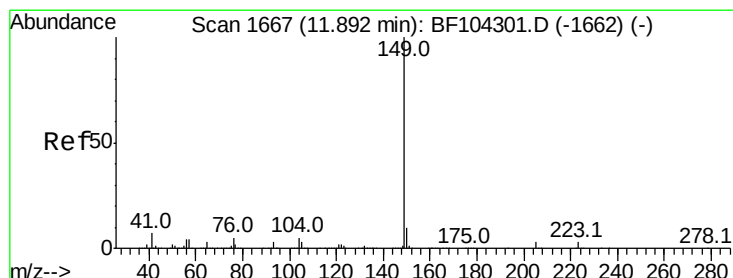
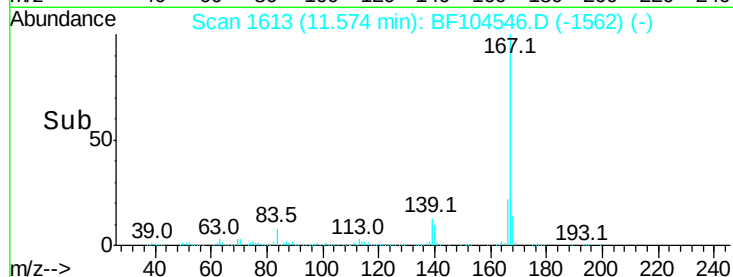
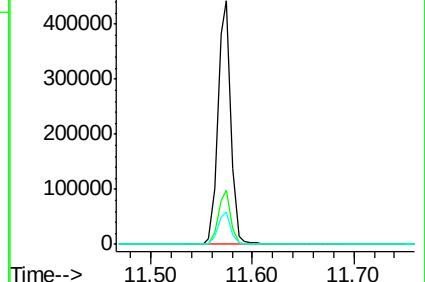
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 17.482 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

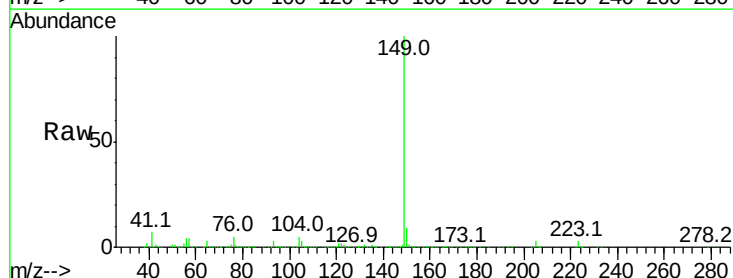
Tgt Ion:149 Resp: 499649

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

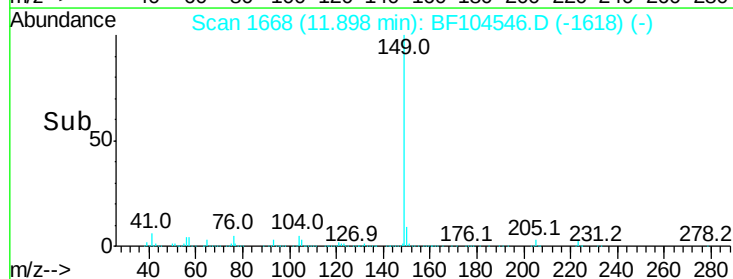
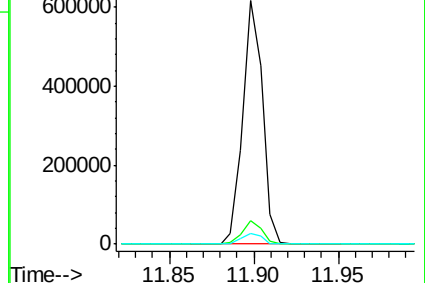
104 4.6 3.8 5.8

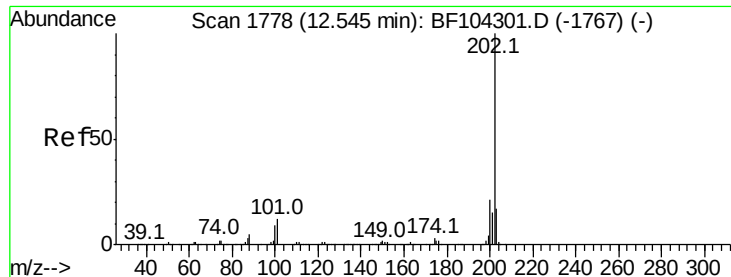


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

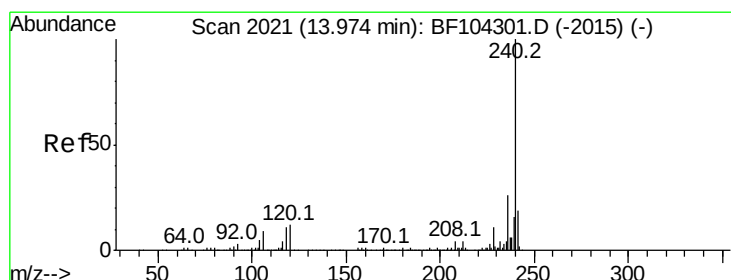
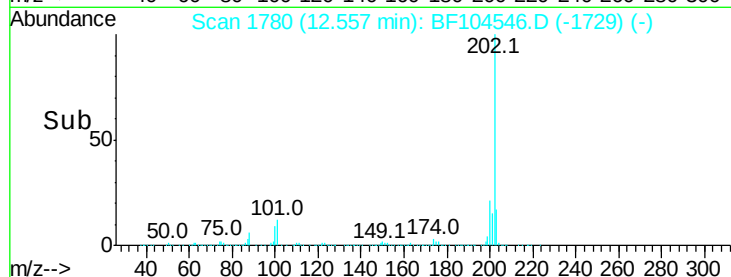
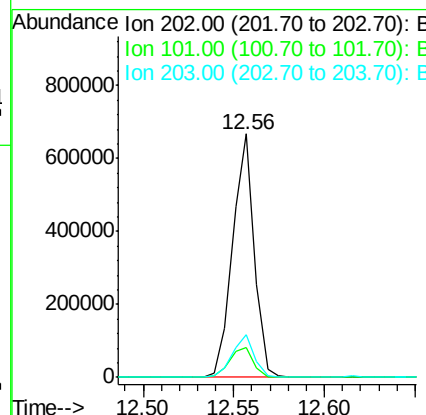
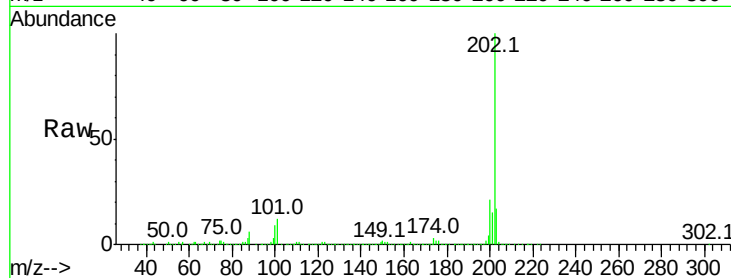




#74
 Fluoranthene
 Concen: 22.499 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

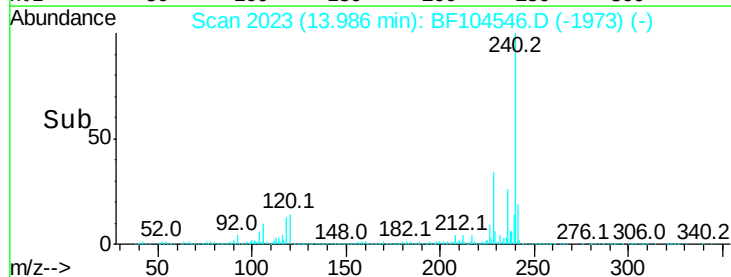
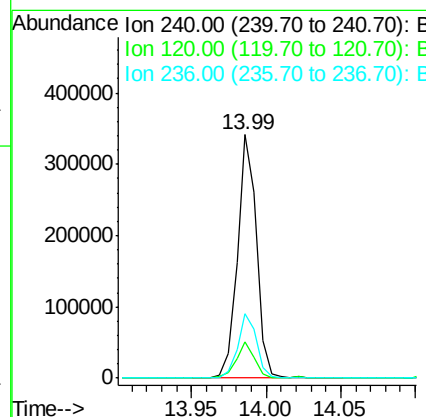
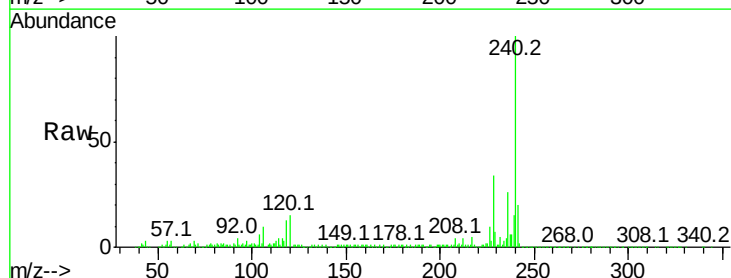
Instrument :
 BNA_F
 ClientSampleId :

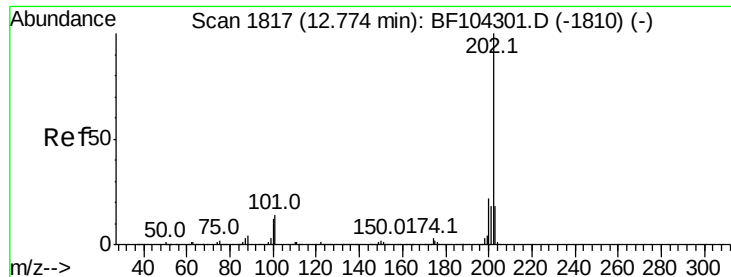
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	20.7	31.1





#77

Pvrene

Concen: 23.693 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

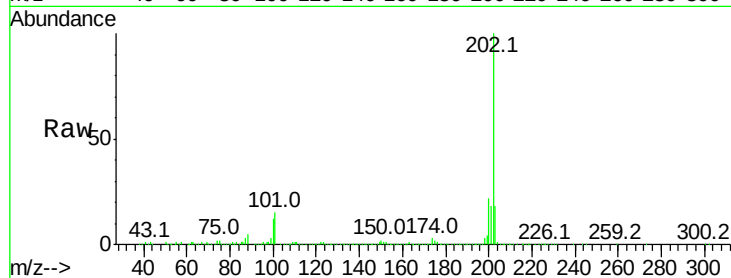
Tot Ion:202 Resp: 537164

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

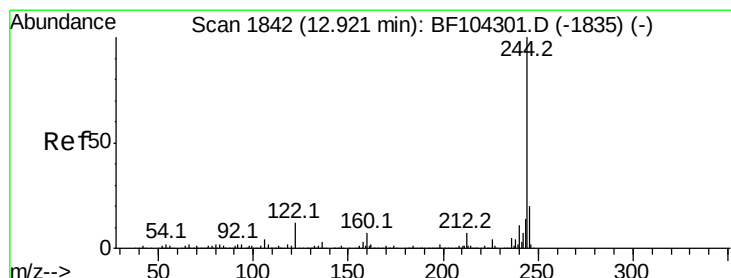
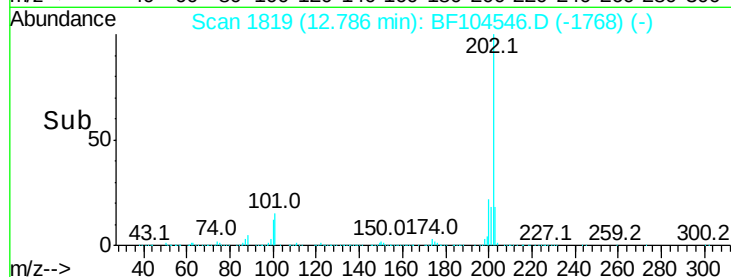
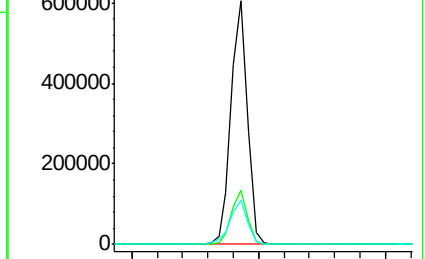
203 18.1 14.3 21.5



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: 39.089 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

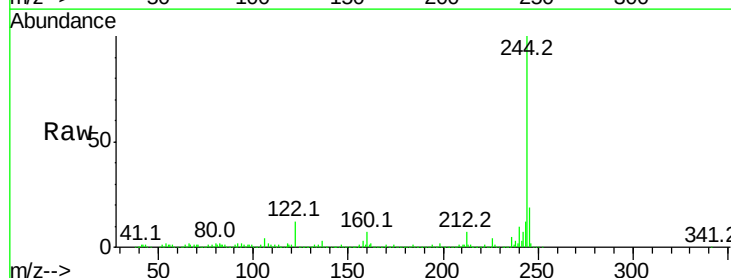
Tgt Ion:244 Resp: 524422

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

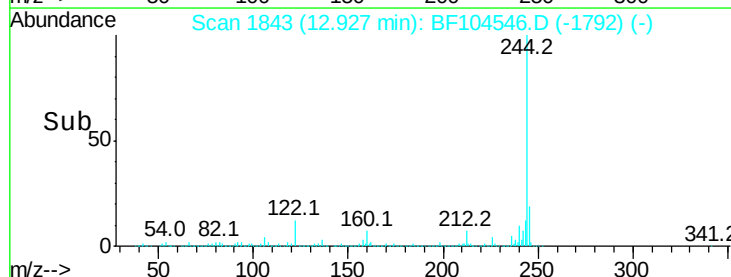
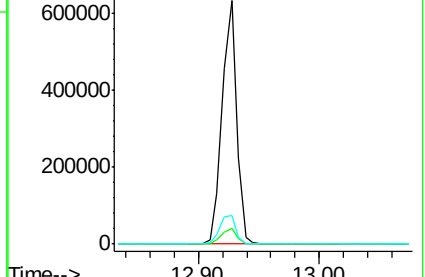
122 11.9 11.0 16.4

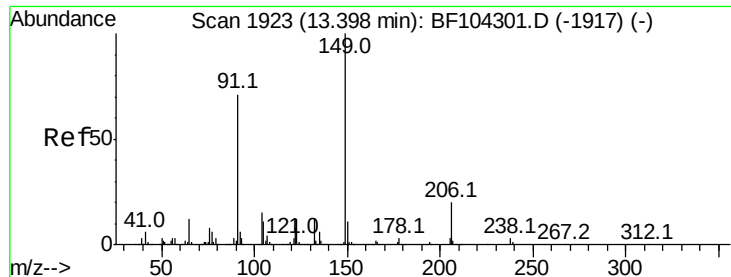


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 16.762 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampled :

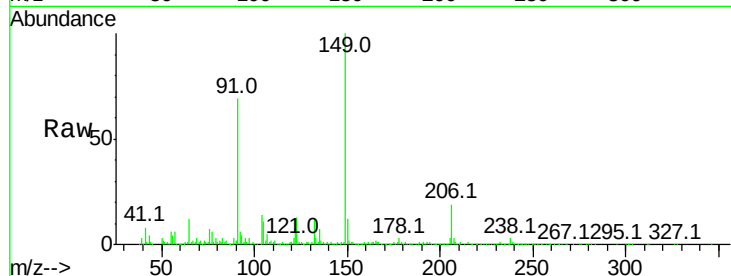
Tot Ion:149 Resp: 179037

Ion Ratio Lower Upper

149 100

91 69.5 56.8 85.2

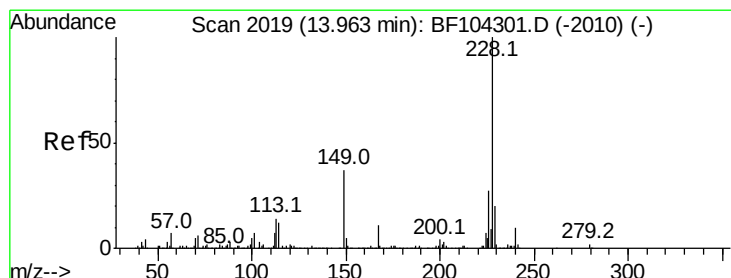
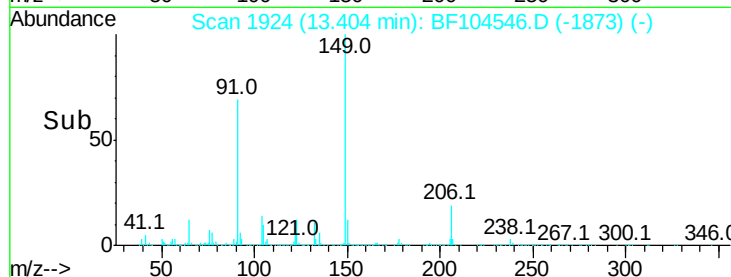
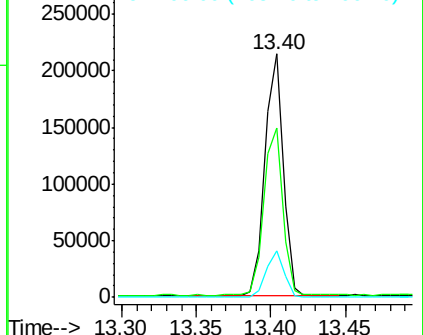
206 18.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 20.961 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

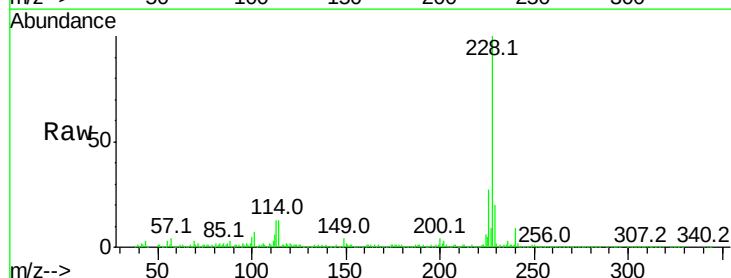
Tgt Ion:228 Resp: 383020

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

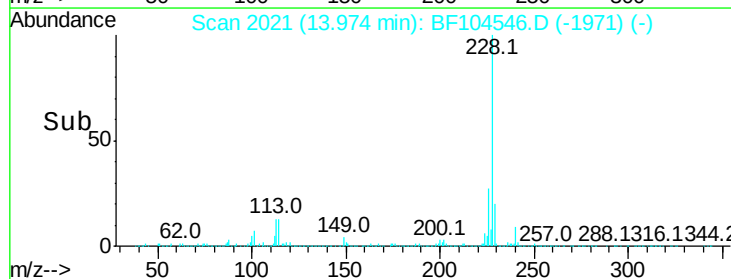
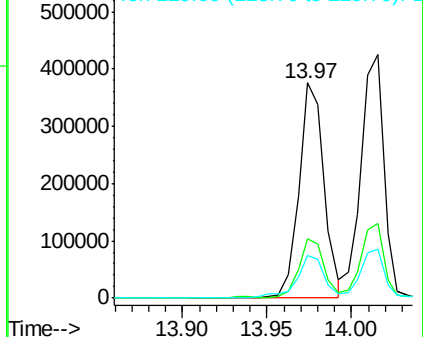
229 19.9 15.8 23.6

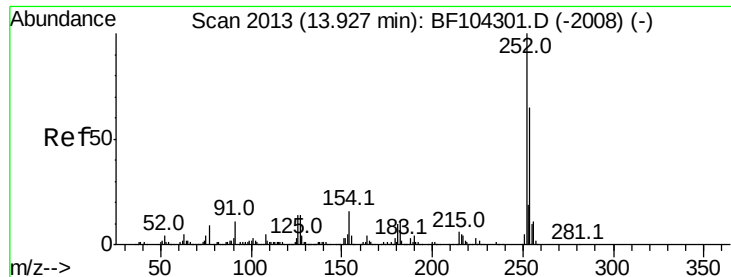


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 12.481 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

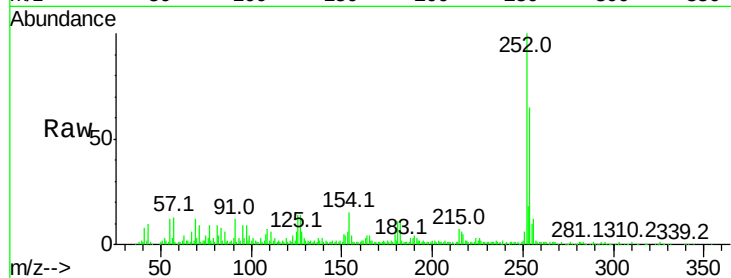
Tot Ion:252 Resp: 85032

Ion Ratio Lower Upper

252 100

254 65.3 50.4 75.6

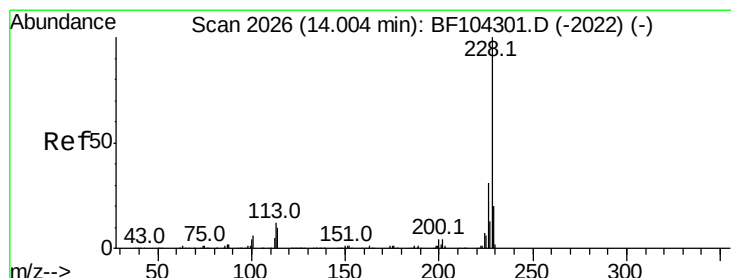
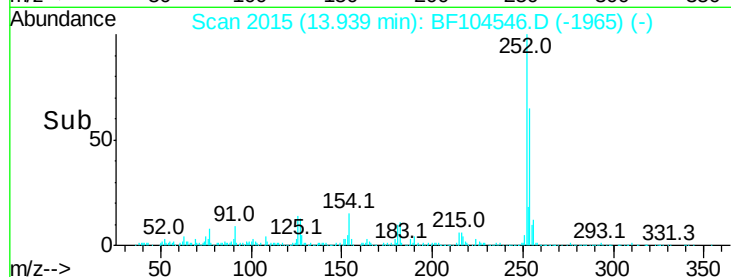
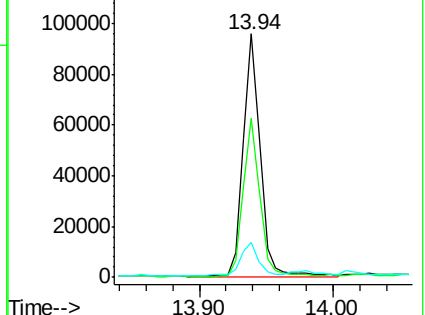
126 14.4 11.3 16.9



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: 21.200 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

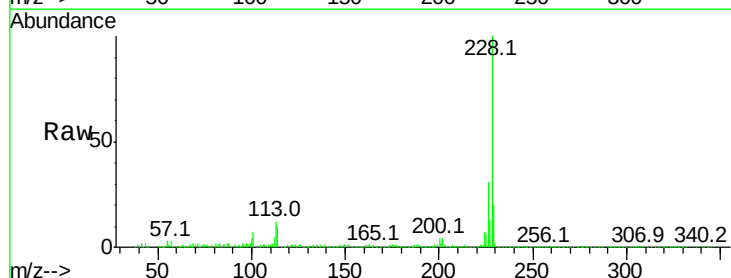
Tgt Ion:228 Resp: 397905

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

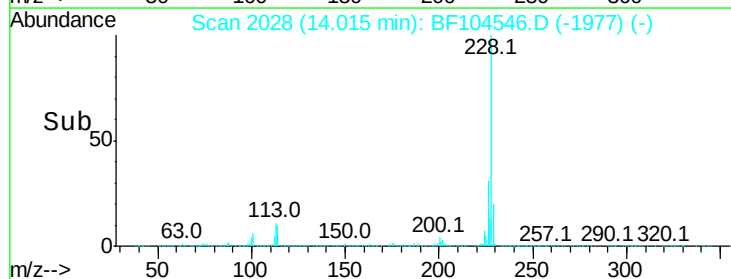
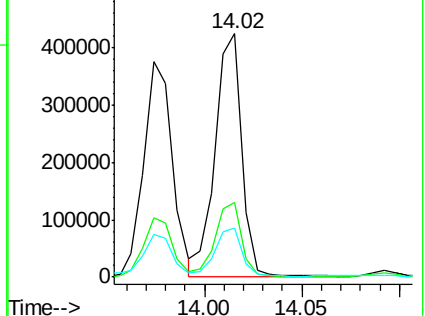
229 19.9 16.2 24.4

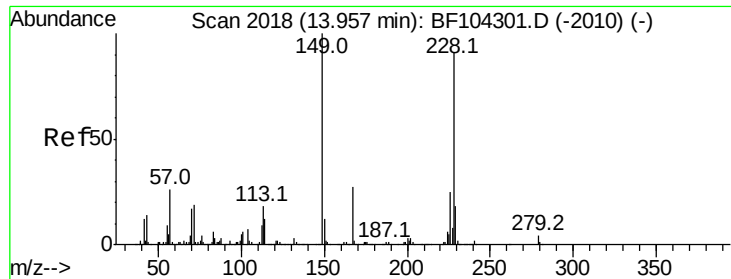


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

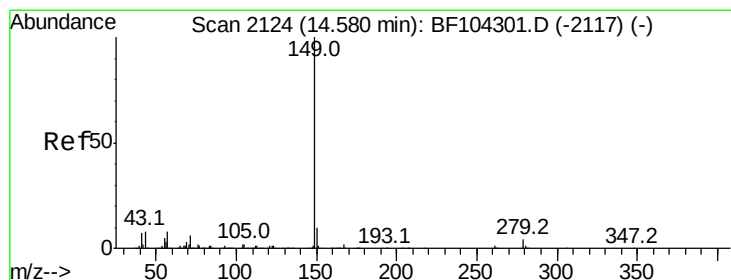
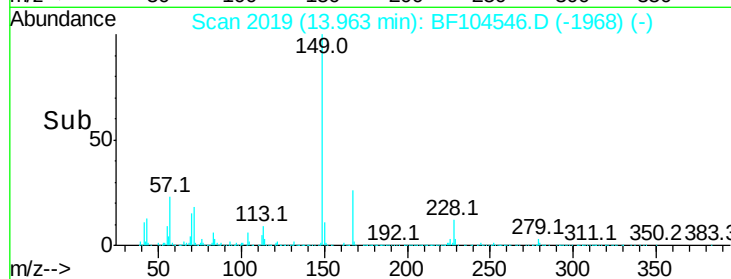
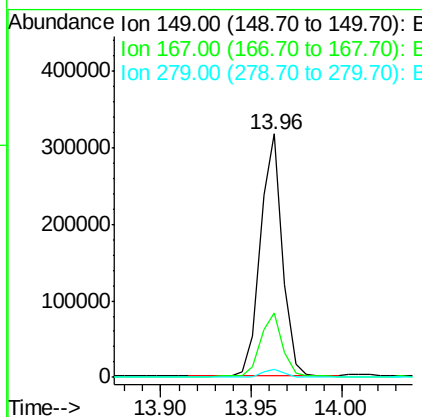
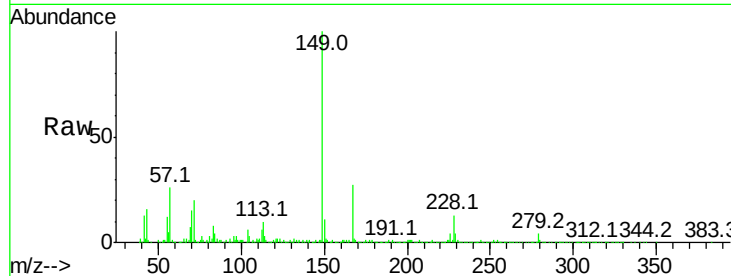




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.276 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

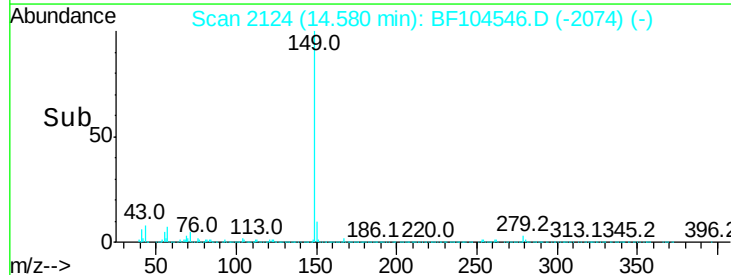
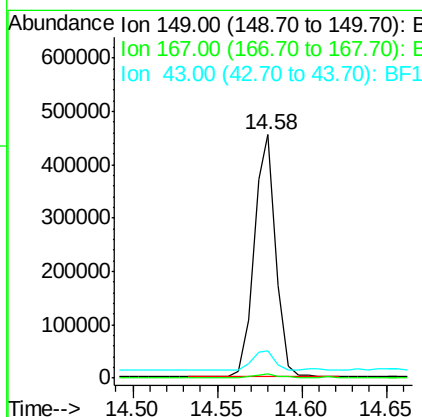
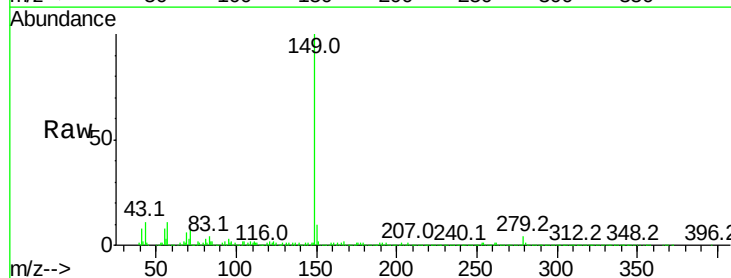
Instrument :
 BNA_F
 ClientSampleId :

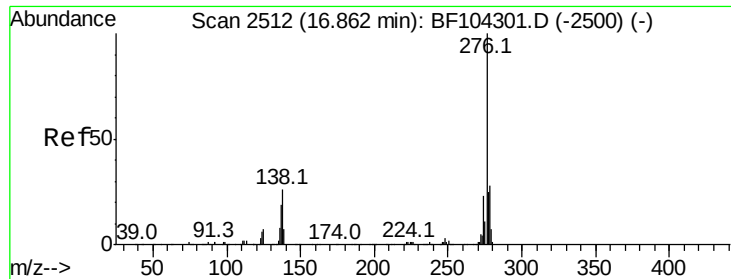
Tot Ion:149 Resp: 264831
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 17.470 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion:149 Resp: 401045
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.4 12.6

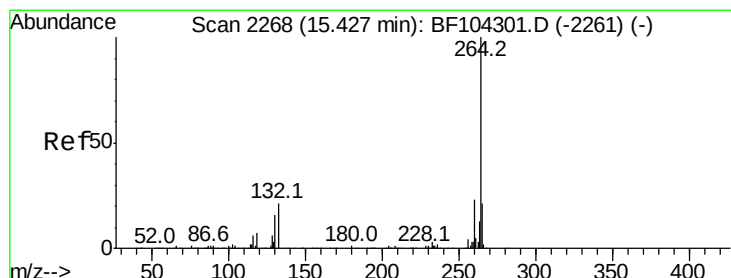
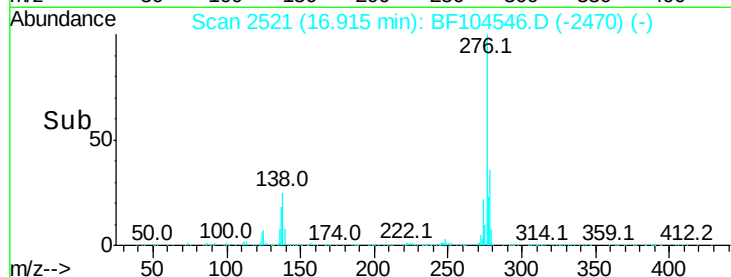
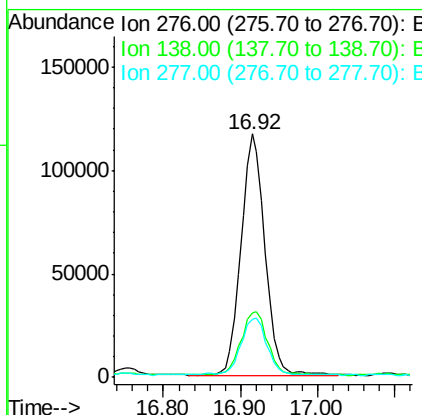
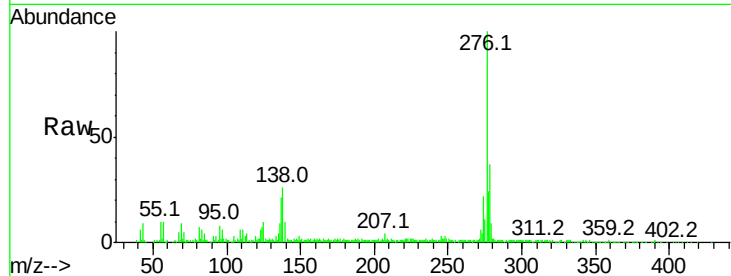




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.926 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

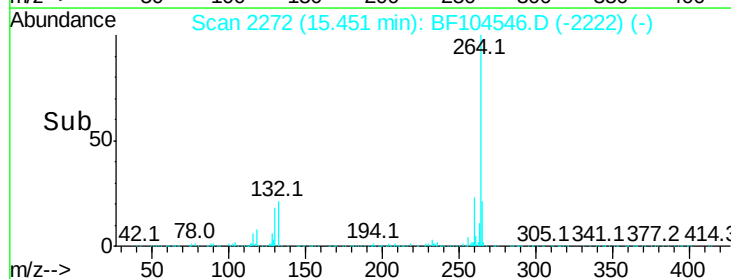
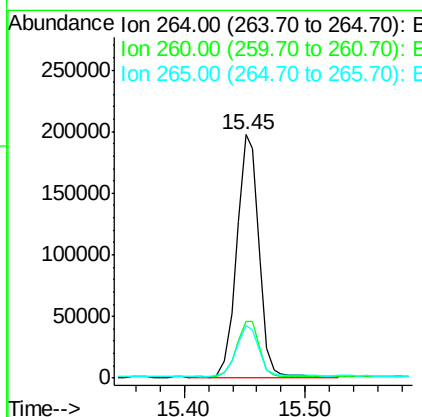
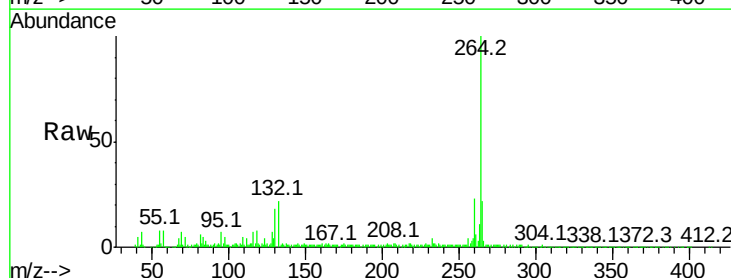
Instrument :
 BNA_F
 ClientSampleId :

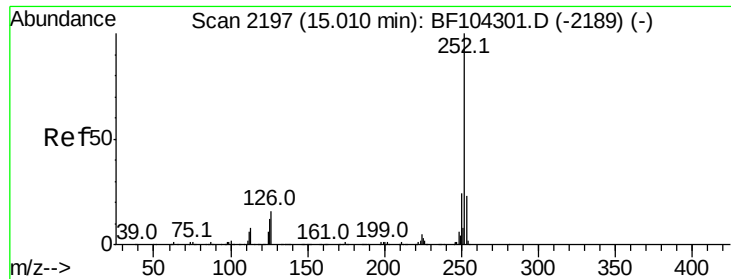
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104546.D
 Acq: 16 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 22.351 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

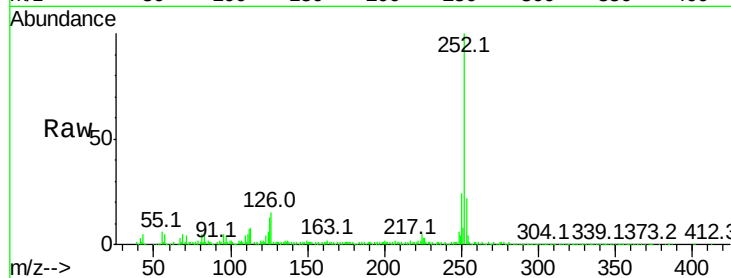
Tot Ion:252 Resp: 353344

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

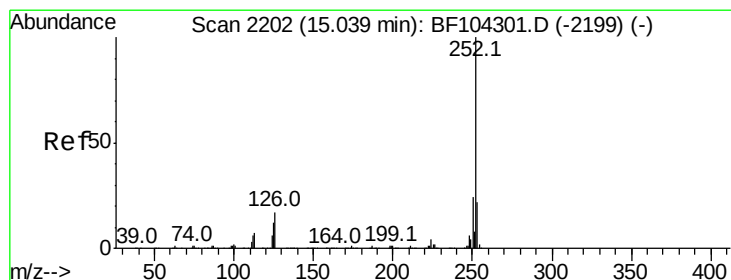
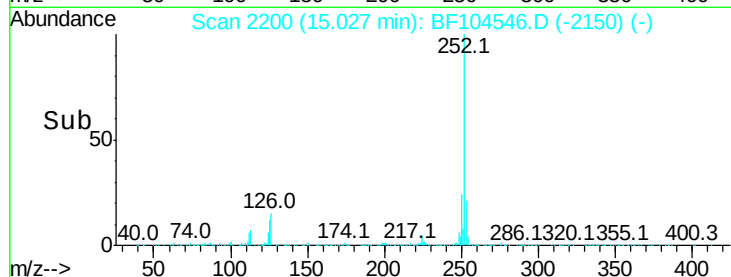
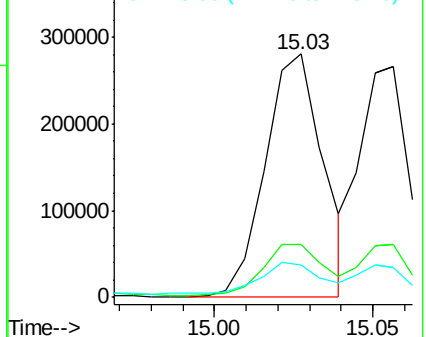
125 13.3 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 19.257 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

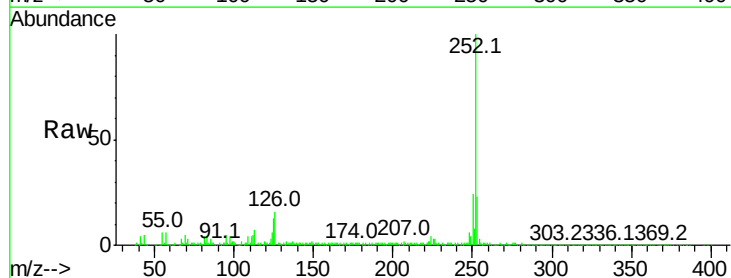
Tgt Ion:252 Resp: 287408

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

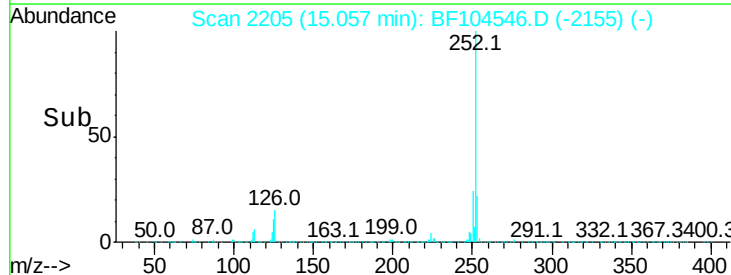
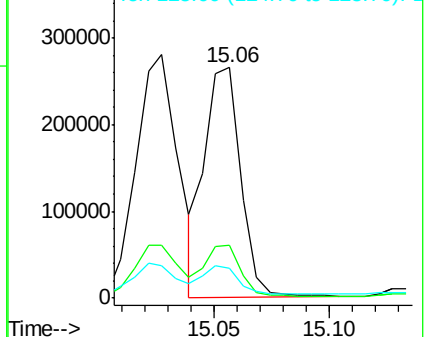
125 12.8 10.2 15.2

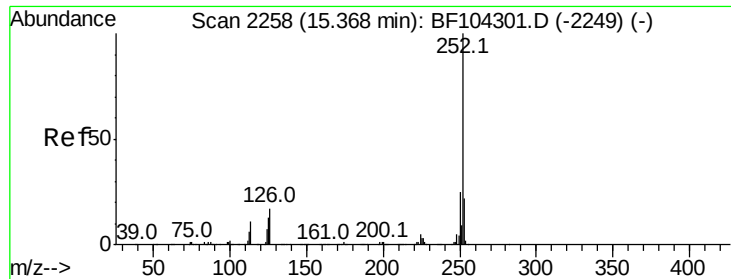


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.666 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

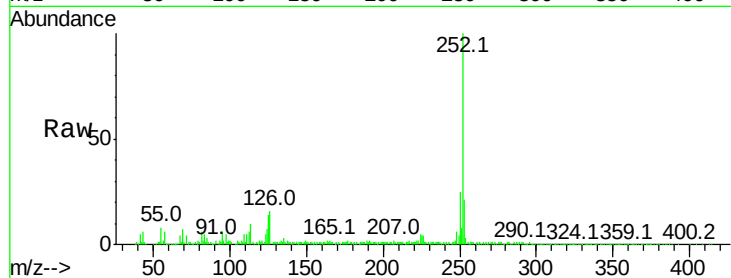
Tot Ion:252 Resp: 278179

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

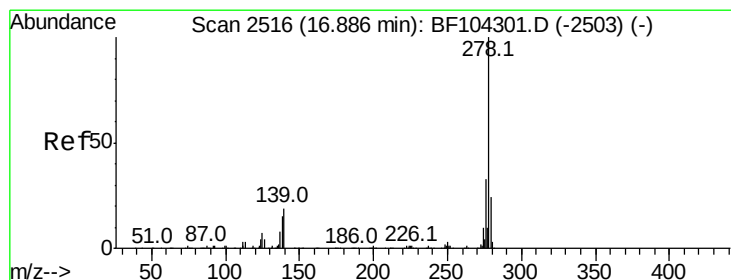
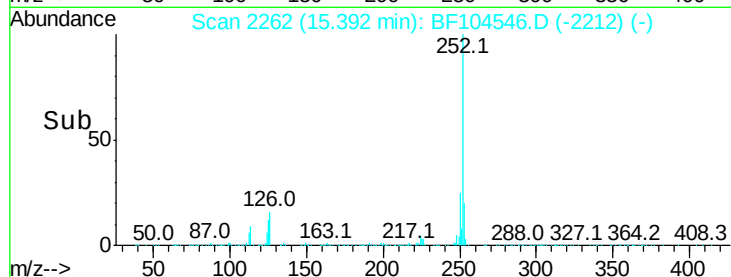
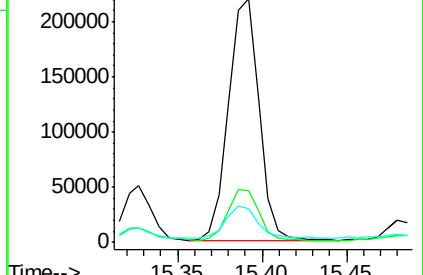
125 14.0 9.8 14.6



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: 15.660 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

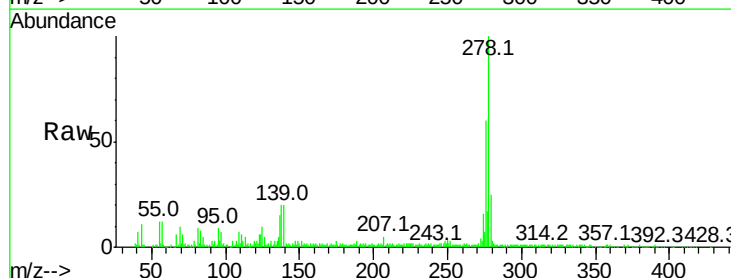
Tgt Ion:278 Resp: 181927

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

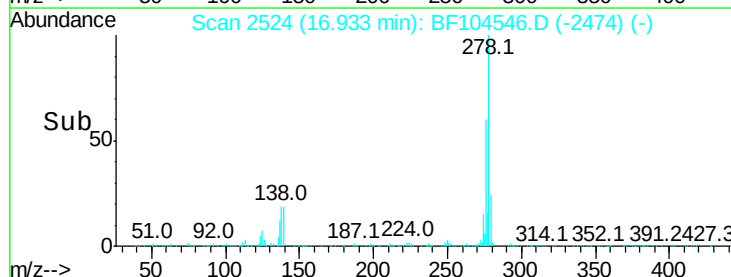
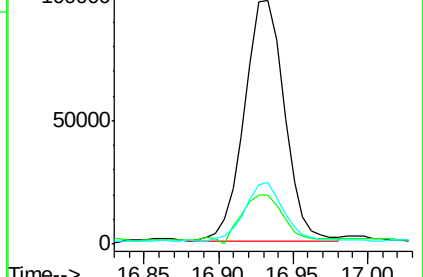
279 25.3 19.0 28.4

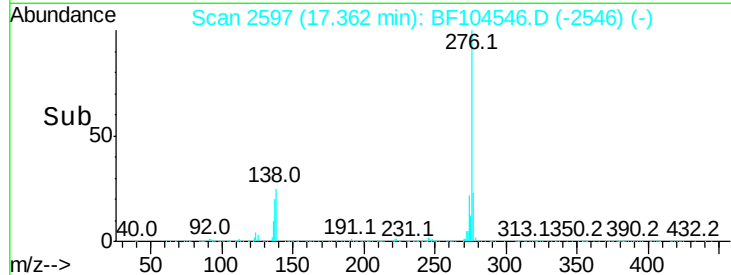
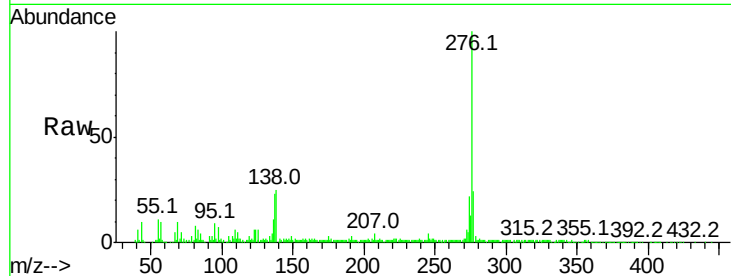
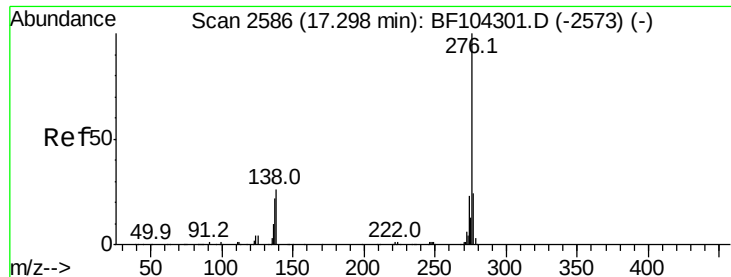


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.875 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF104546.D

Acq: 16 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 212439

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.3 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

