

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104483.D
 Acq On : 13 Apr 2018 17:21
 Operator : JU/SJ
 Sample : J2360-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 22:52:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137445	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	561372	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	245804	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	397655	20.00	ng	0.00
75) Chrysene-d12	13.99	240	247774	20.00	ng	0.00
86) Perylene-d12	15.45	264	226762	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	995625	110.76	ng	0.01
7) Phenol-d6	6.45	99	1232775	111.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	777428	90.43	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	275029	107.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1258885	80.91	ng	0.00
78) Terphenyl-d14	12.93	244	977361	89.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	121739	29.066	ng	89
3) Pyridine	3.33	79	343677	29.184	ng	88
4) n-Nitrosodimethylamine	3.29	42	133097	32.333	ng	85
6) Aniline	6.47	93	385910	25.150	ng	99
8) 2-Chlorophenol	6.60	128	349330	36.820	ng	97
9) Benzaldehyde	6.36	77	150848	23.486	ng	99
10) Phenol	6.46	94	463983	39.594	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	335513	35.878	ng	96
12) 1,3-Dichlorobenzene	6.75	146	374633	34.855	ng	99
13) 1,4-Dichlorobenzene	6.83	146	378950	35.369	ng	99
14) 1,2-Dichlorobenzene	6.99	146	352356	35.488	ng	99
15) Benzyl Alcohol	6.96	79	296263	35.318	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	438201	34.893	ng	92
17) 2-Methylphenol	7.07	107	287825	34.900	ng	96
18) Hexachloroethane	7.32	117	133312	34.898	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	237305	32.881	ng	96
20) 3+4-Methylphenols	7.22	107	338173	33.063	ng	# 72
22) Acetophenone	7.23	105	466540	33.757	ng	# 97
24) Nitrobenzene	7.40	77	362592	38.201	ng	100
25) Isophorone	7.63	82	586555	32.264	ng	98
26) 2-Nitrophenol	7.71	139	188370	48.749	ng	97
27) 2,4-Dimethylphenol	7.75	122	270881	33.762	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	403027	36.259	ng	98
29) 2,4-Dichlorophenol	7.95	162	278921	36.435	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	301244	35.856	ng	98
31) Naphthalene	8.12	128	928916	33.231	ng	100
32) Benzoic acid	7.83	122	61564	9.617	ng	98
33) 4-Chloroaniline	8.16	127	230525	19.249	ng	98
34) Hexachlorobutadiene	8.23	225	171465	37.260	ng	99
35) Caprolactam	8.54	113	86392	32.349	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	303198	36.937	ng	99
37) 2-Methylnaphthalene	8.81	142	587232	32.477	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	267900	38.074	ng	99
40) Hexachlorocyclopentadiene	8.96	237	128508	32.623	ng	97

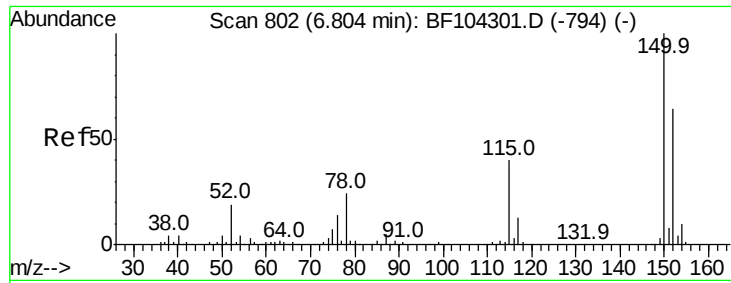
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	190717	39.045	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	195821	35.826	ng	98
45) 1,1'-Biphenyl	9.27	154	744387	36.049	ng	99
46) 2-Chloronaphthalene	9.30	162	597073	36.607	ng	99
47) 2-Nitroaniline	9.40	65	183240	45.429	ng	97
48) Acenaphthylene	9.72	152	848266	33.148	ng	100
49) Dimethylphthalate	9.57	163	829362	42.787	ng	99
50) 2,6-Dinitrotoluene	9.64	165	151959	42.367	ng	98
51) Acenaphthene	9.89	154	516676	33.091	ng	99
52) 3-Nitroaniline	9.81	138	127813	30.439	ng	97
53) 2,4-Dinitrophenol	9.92	184	33520	33.059	ng	# 18
54) Dibenzofuran	10.06	168	764528	35.136	ng	97
55) 4-Nitrophenol	9.97	139	225903	68.488	ng	97
56) 2,4-Dinitrotoluene	10.05	165	188853	40.141	ng	93
57) Fluorene	10.40	166	538929	34.028	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	141328	34.658	ng	95
59) Diethylphthalate	10.27	149	660247	34.201	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	283237	40.156	ng	99
61) 4-Nitroaniline	10.42	138	144112	35.101	ng	99
62) Azobenzene	10.56	77	615874	33.393	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	40071	24.871	ng	87
65) n-Nitrosodiphenylamine	10.52	169	536977	38.946	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	170474	40.303	ng	91
67) Hexachlorobenzene	10.95	284	179027	37.616	ng	# 91
68) Atrazine	11.05	200	165778	39.834	ng	98
69) Pentachlorophenol	11.15	266	167762	56.977	ng	97
70) Phenanthrene	11.37	178	720466	32.534	ng	99
71) Anthracene	11.42	178	730676	32.459	ng	99
72) Carbazole	11.57	167	712477	32.390	ng	100
73) Di-n-butylphthalate	11.90	149	933802	34.752	ng	99
74) Fluoranthene	12.56	202	649428	28.068	ng	97
76) Benzidine	12.68	184	421292	55.744	ng	98
77) Pyrene	12.79	202	652380	35.521	ng	100
79) Butylbenzylphthalate	13.40	149	328912	38.014	ng	97
80) Benzo(a)anthracene	13.97	228	529811	35.793	ng	98
81) 3,3'-Dichlorobenzidine	13.94	252	205222	37.184	ng	97
82) Chrysene	14.02	228	515438	33.901	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	441262	39.649	ng	100
84) Di-n-octyl phthalate	14.58	149	700922	37.692	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.91	276	427850	33.126	ng	96
87) Benzo(b)fluoranthene	15.03	252	469706	32.796	ng	99
88) Benzo(k)fluoranthene	15.06	252	482169	35.660	ng	99
89) Benzo(a)pyrene	15.39	252	435229	33.964	ng	99
90) Dibenzo(a,h)anthracene	16.93	278	362263	34.421	ng	97
91) Benzo(g,h,i)perylene	17.35	276	336004	32.953	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

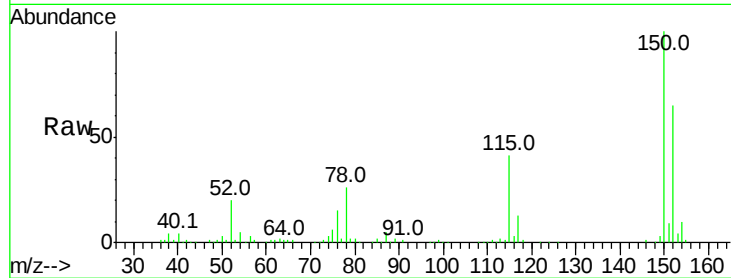
Tot Ion:152 Resp: 137445

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

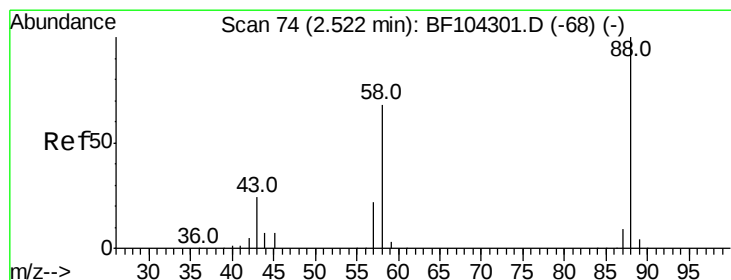
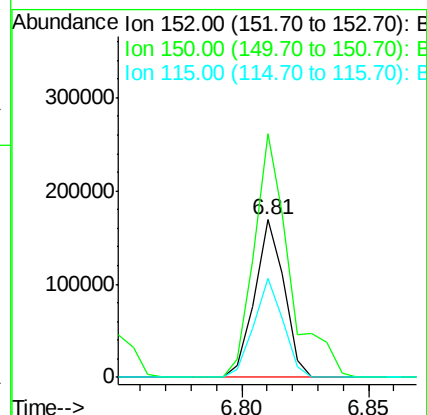
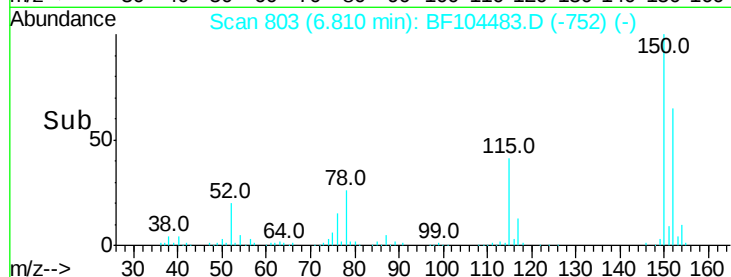
115 62.6 50.1 75.1



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



#2

1,4-Dioxane

Concen: 29.066 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

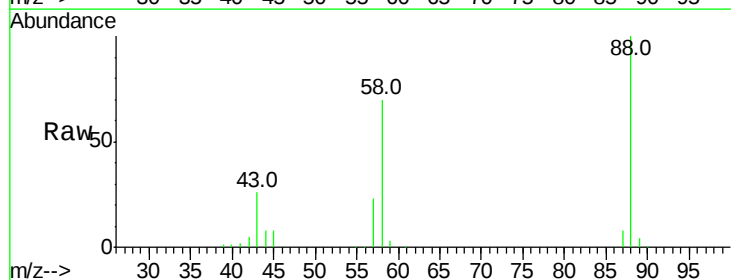
Tgt Ion: 88 Resp: 121739

Ion Ratio Lower Upper

88 100

58 67.7 62.6 93.8

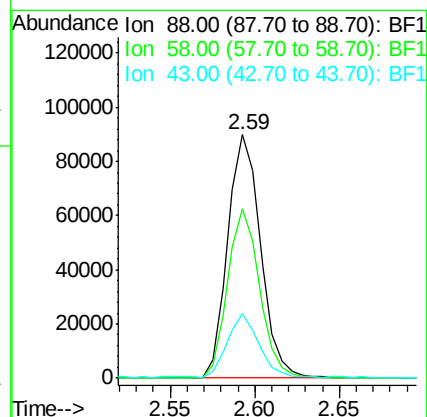
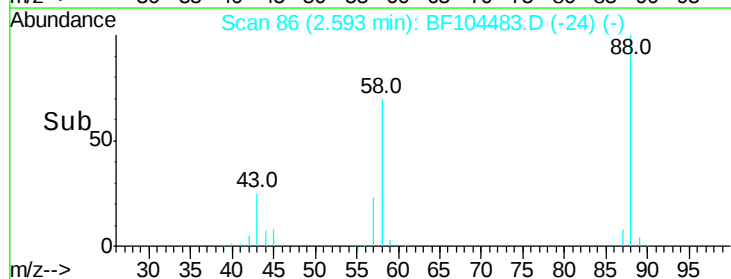
43 26.5 24.6 37.0

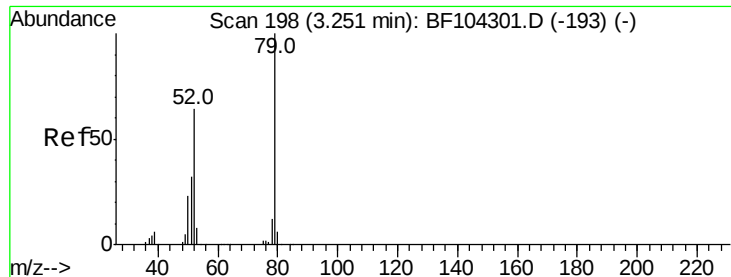


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.184 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.06 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

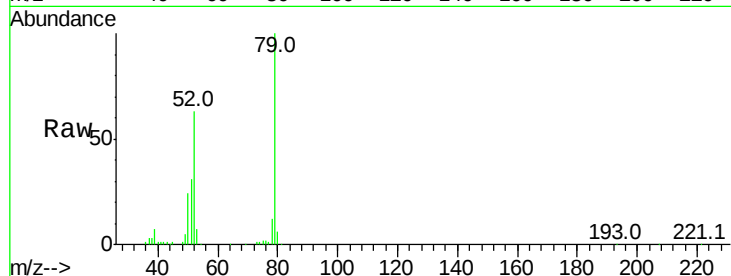
Tot Ion: 79 Resp: 343677

Ion Ratio Lower Upper

79 100

52 63.3 59.8 89.6

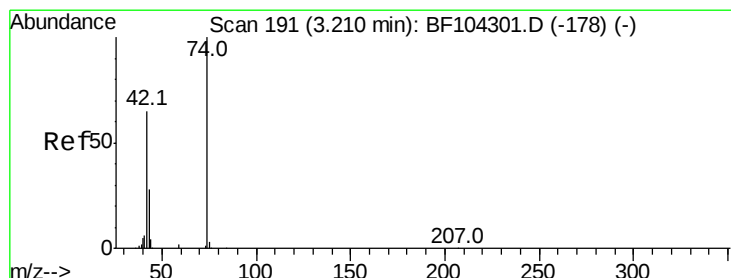
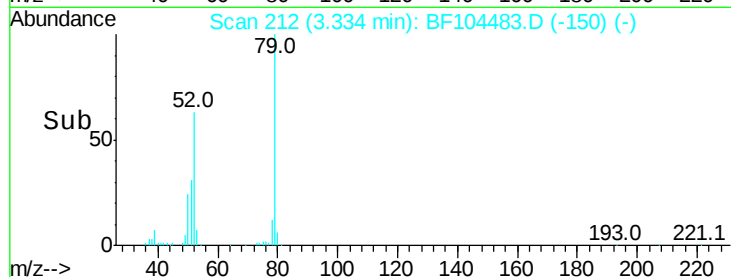
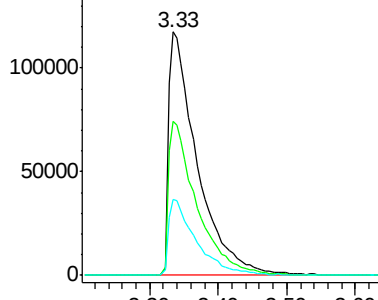
51 31.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.333 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

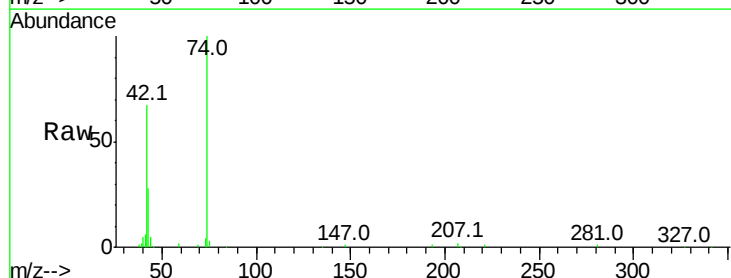
Tgt Ion: 42 Resp: 133097

Ion Ratio Lower Upper

42 100

74 149.5 104.9 157.3

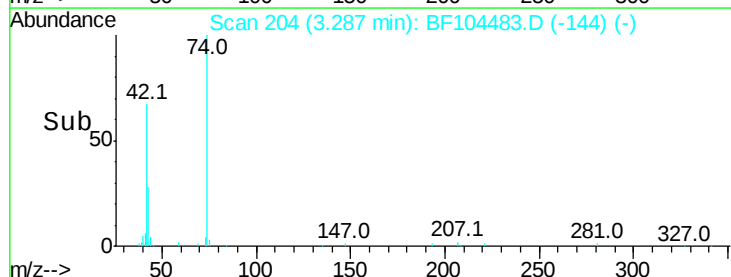
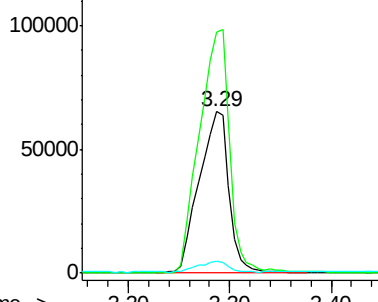
44 7.3 6.9 10.3

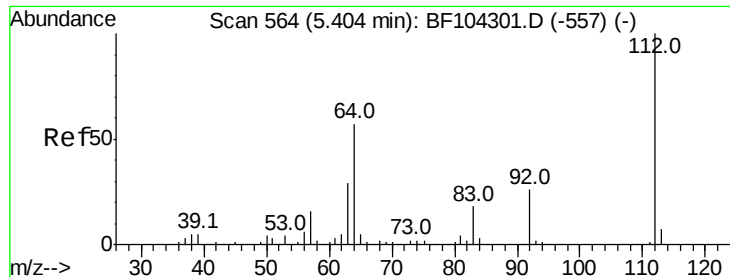


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.762 ng

RT: 5.43 min Scan# 569

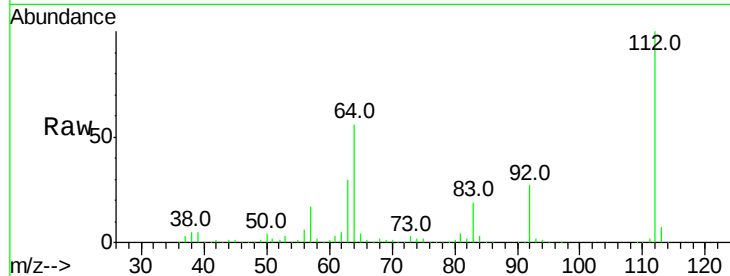
Delta R.T. 0.01 min

Lab File: BF104483.D

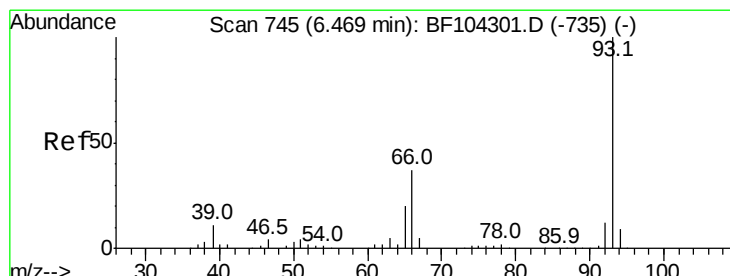
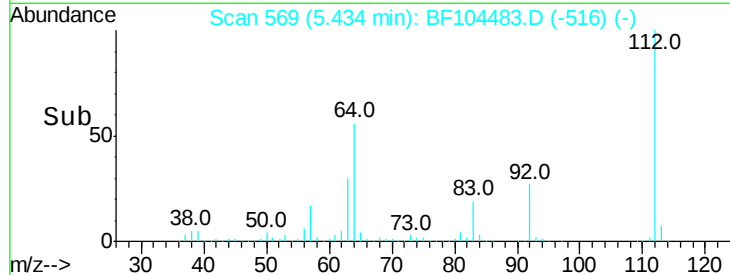
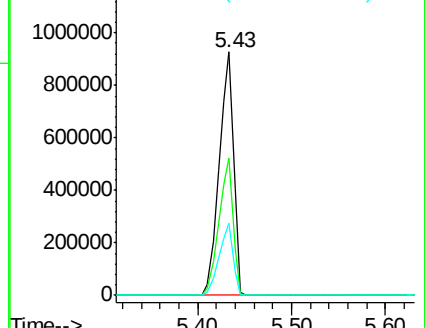
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	995625
Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.150 ng

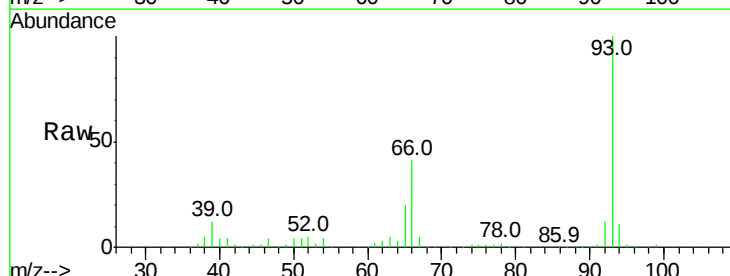
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

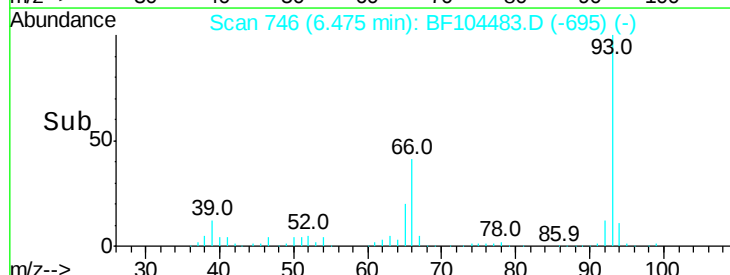
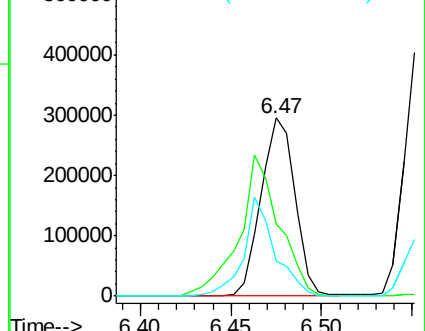
Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Tgt Ion:	93	Resp:	385910
Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.2	48.2
65	19.9	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 111.620 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampled :

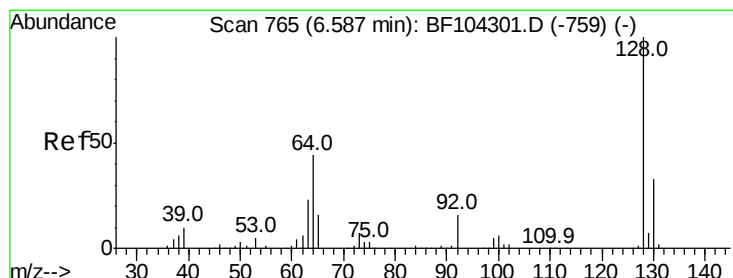
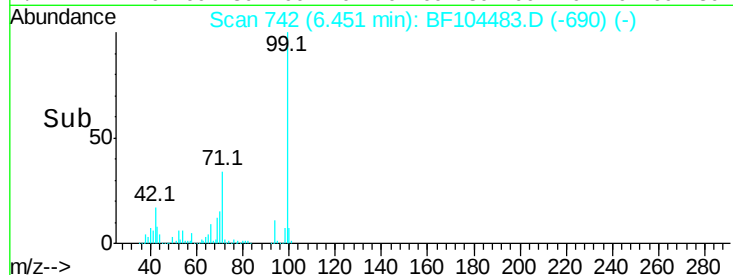
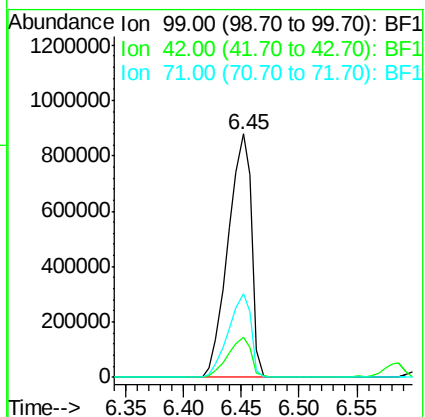
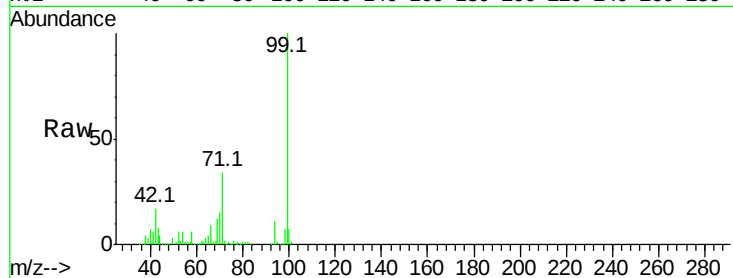
Tot Ion: 99 Resp: 1232775

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 34.4 25.4 38.0



#8

2-Chlorophenol

Concen: 36.820 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

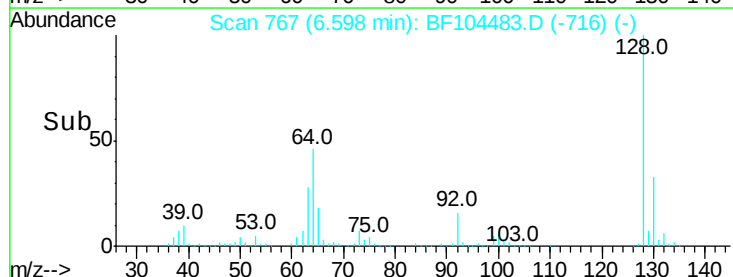
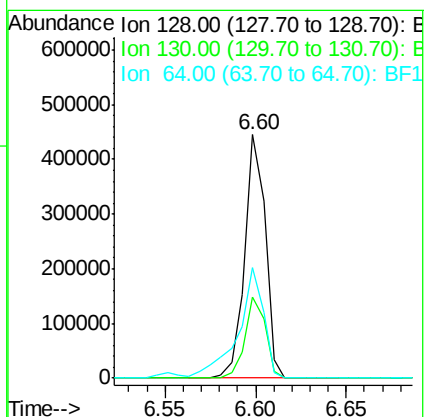
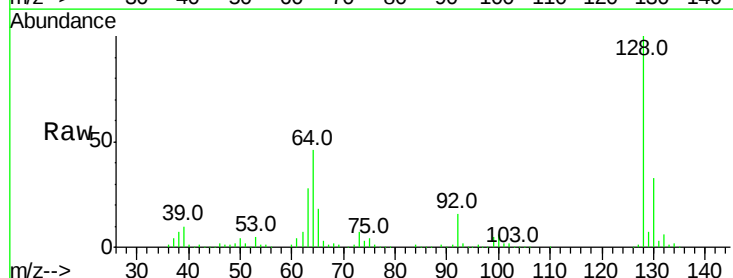
Tgt Ion:128 Resp: 349330

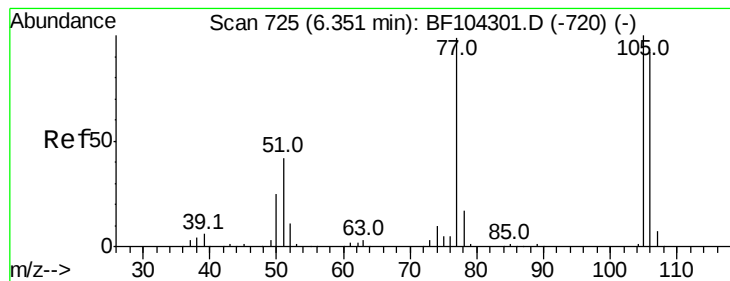
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.5 29.4 69.4





#9

Benzaldehyde

Concen: 23.486 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampled :

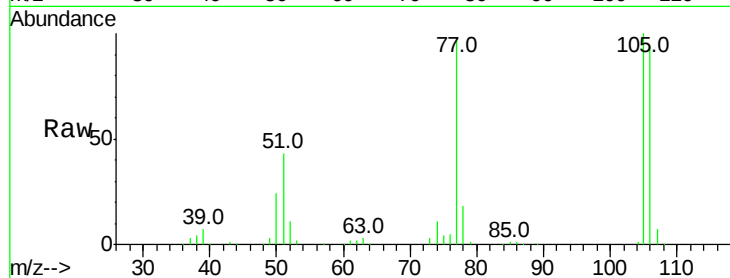
Tot Ion: 77 Resp: 150848

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

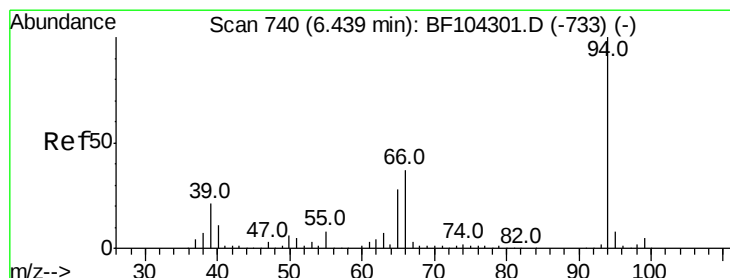
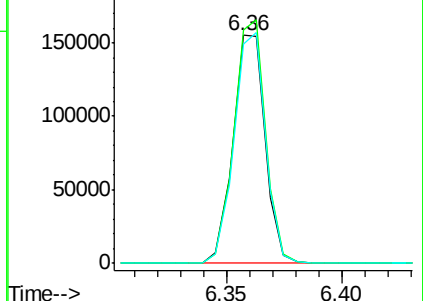
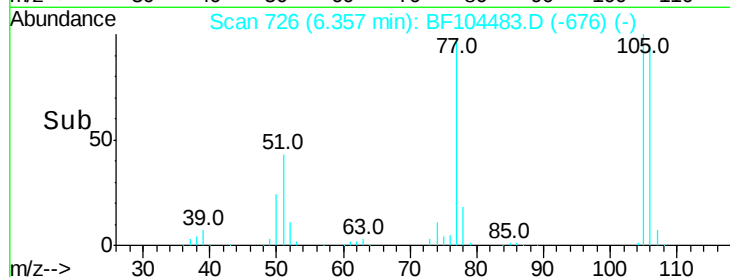
106 96.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.594 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

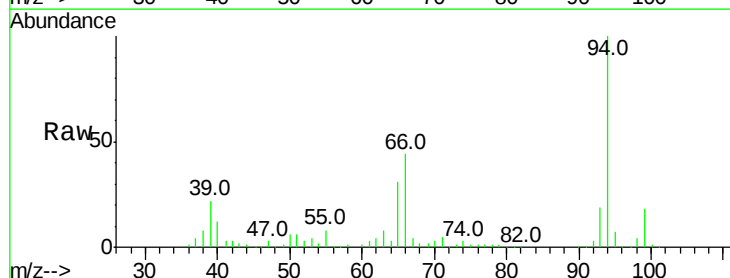
Tgt Ion: 94 Resp: 463983

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

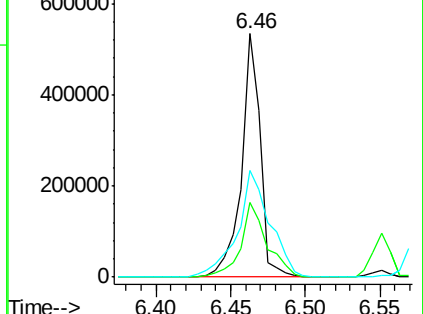
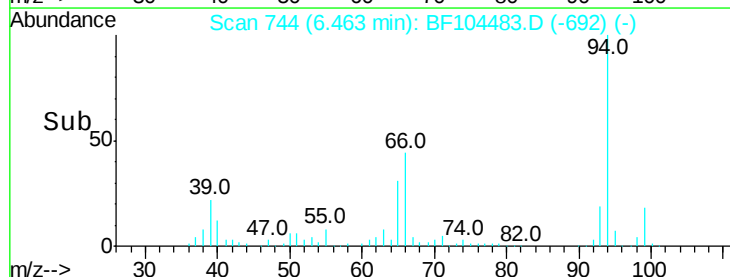
66 43.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.878 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

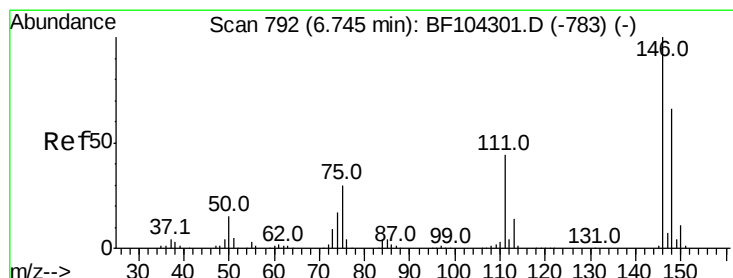
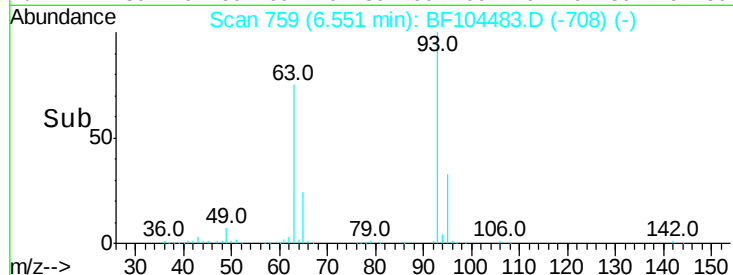
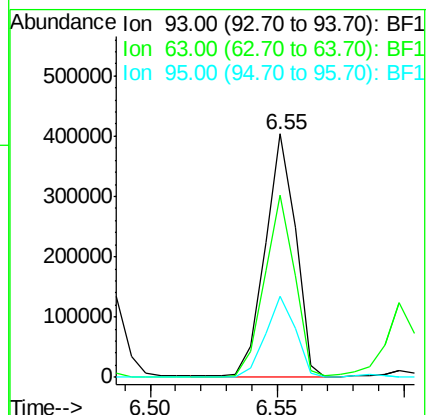
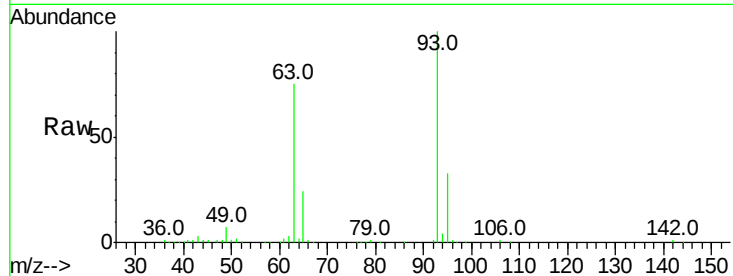
Tot Ion: 93 Resp: 335513

Ion Ratio Lower Upper

93 100

63 74.8 58.6 98.6

95 33.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.855 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

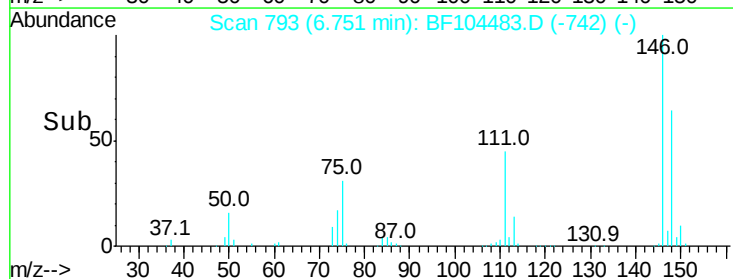
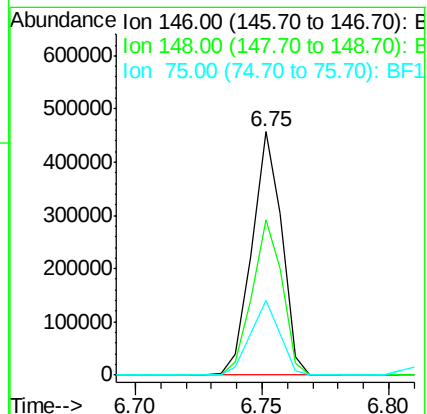
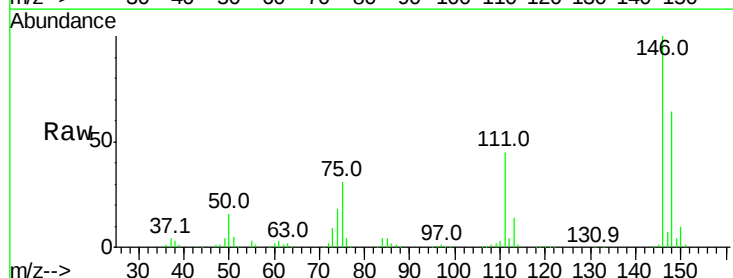
Tgt Ion: 146 Resp: 374633

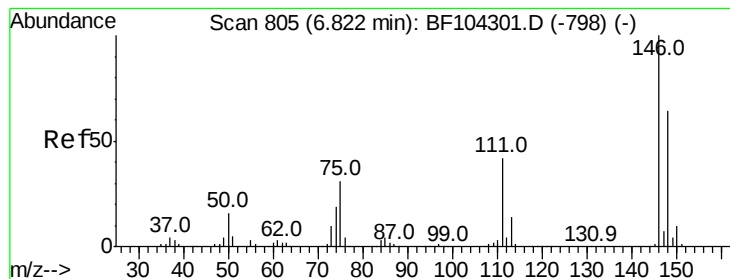
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 30.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.369 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampled :

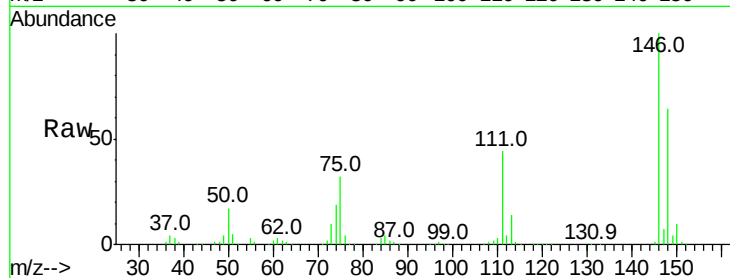
Tot Ion:146 Resp: 378950

Ion Ratio Lower Upper

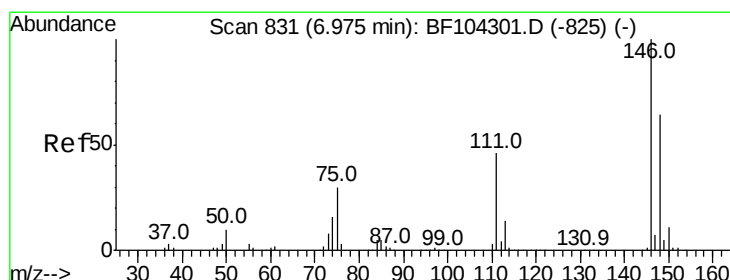
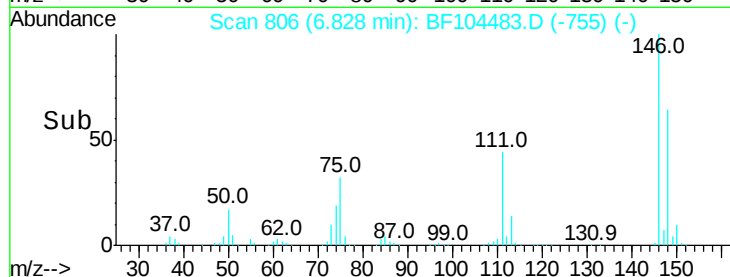
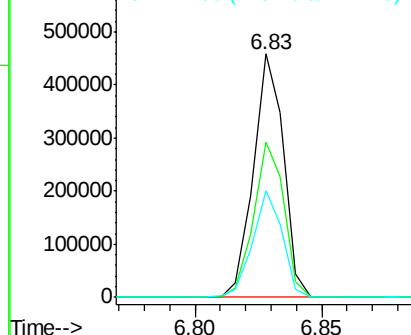
146 100

148 63.5 50.8 76.2

111 43.8 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: 35.488 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

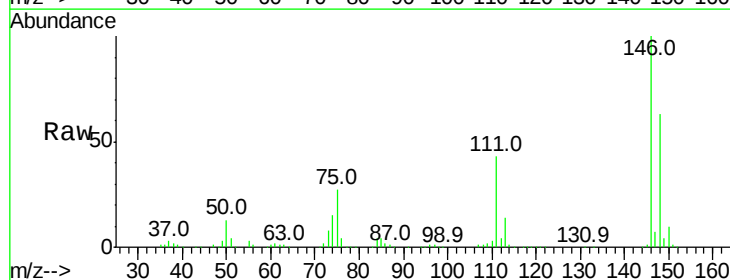
Tgt Ion:146 Resp: 352356

Ion Ratio Lower Upper

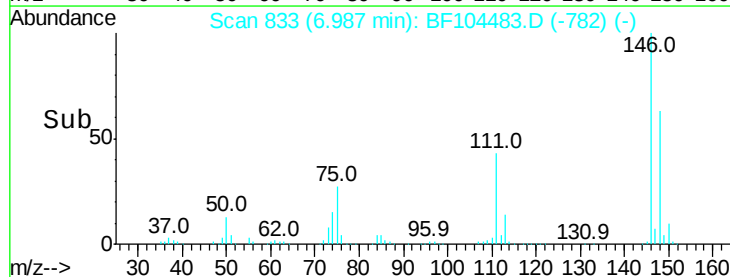
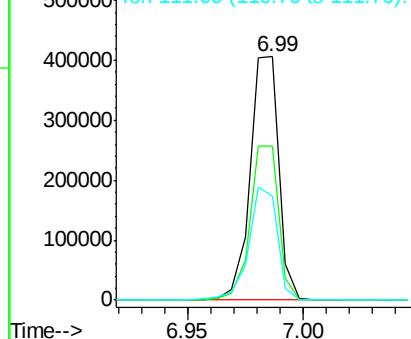
146 100

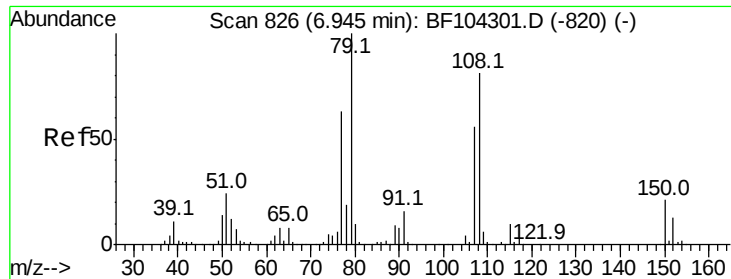
148 63.1 50.6 75.8

111 42.9 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

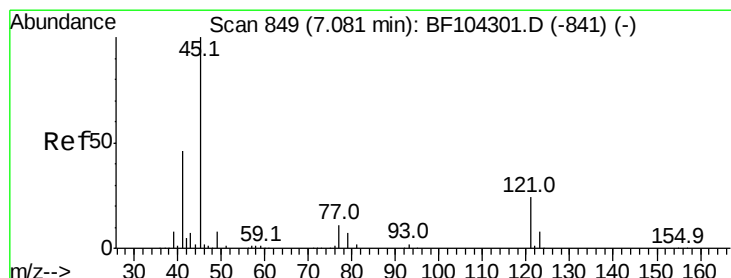
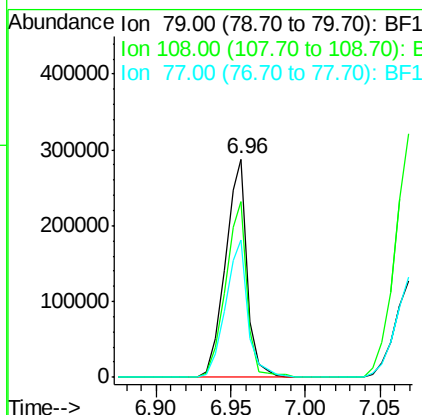
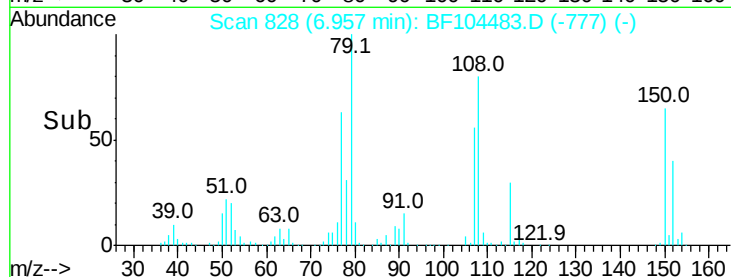
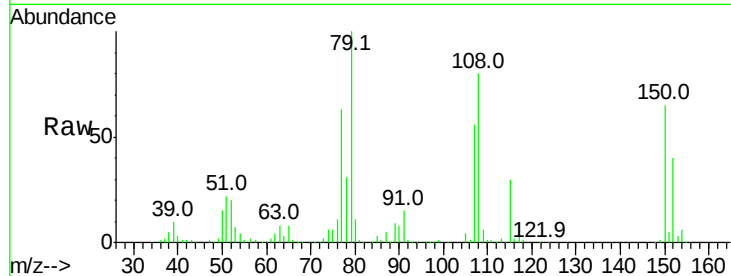




#15
Benzyl Alcohol
Concen: 35.318 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

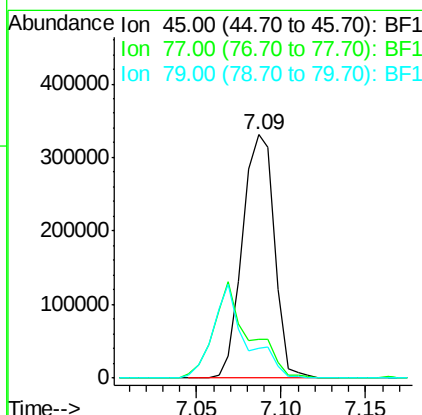
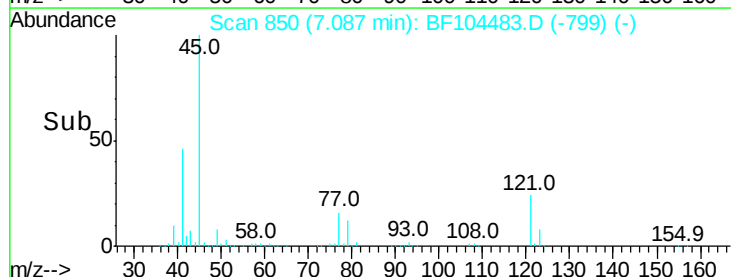
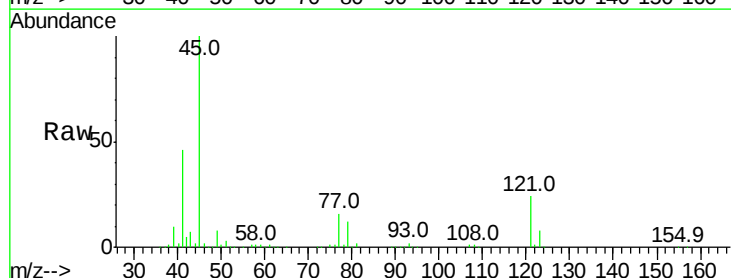
Instrument :
BNA_F
ClientSampleId :

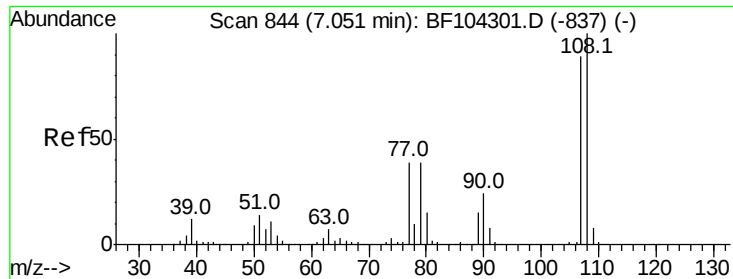
Tot Ion: 79 Resp: 296263
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.893 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion: 45 Resp: 438201
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.1 0.0 29.6

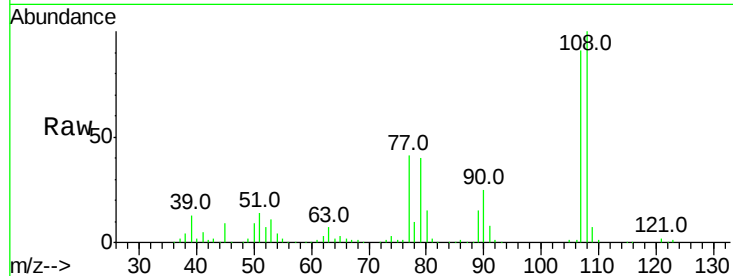




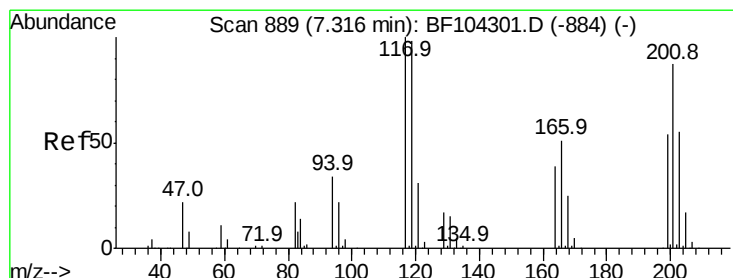
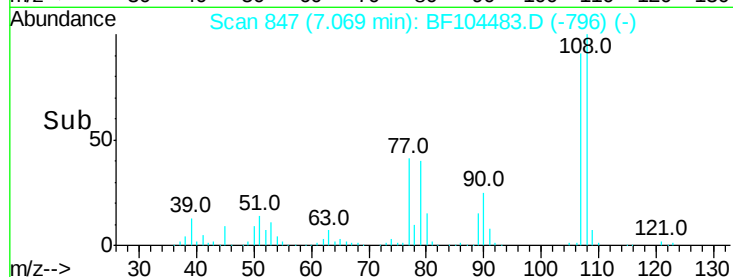
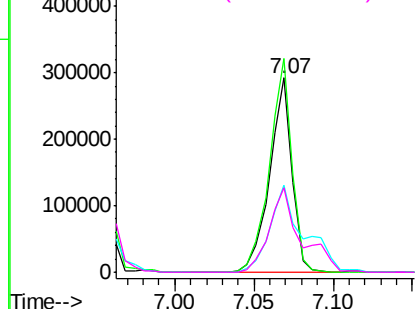
#17
2-Methylphenol
Concen: 34.900 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 287825
Ion Ratio Lower Upper
107 100
108 110.1 91.7 137.5
77 45.1 33.8 50.8
79 43.6 33.8 50.8

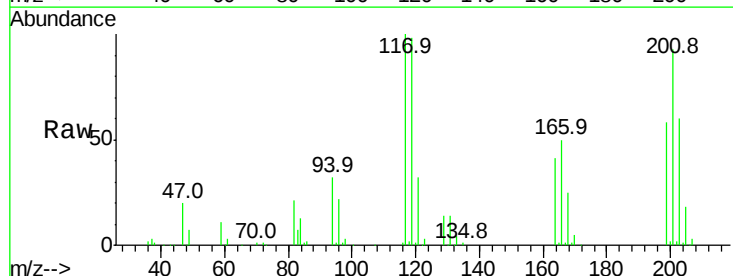


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

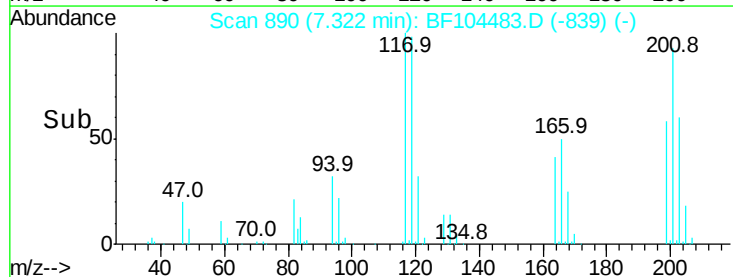
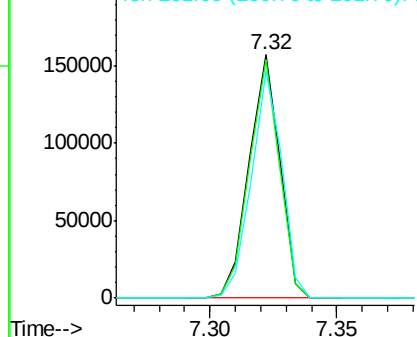


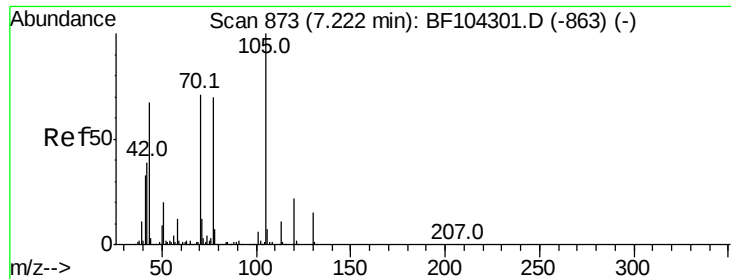
#18
Hexachloroethane
Concen: 34.898 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:117 Resp: 133312
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
201 93.5 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

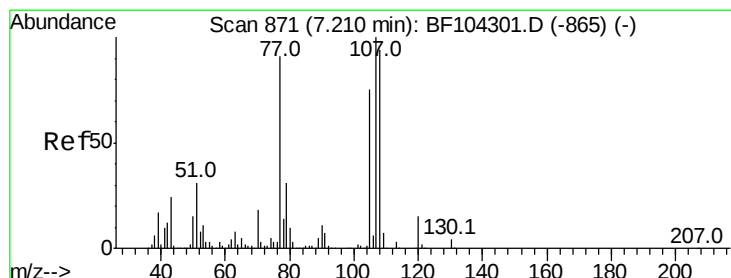
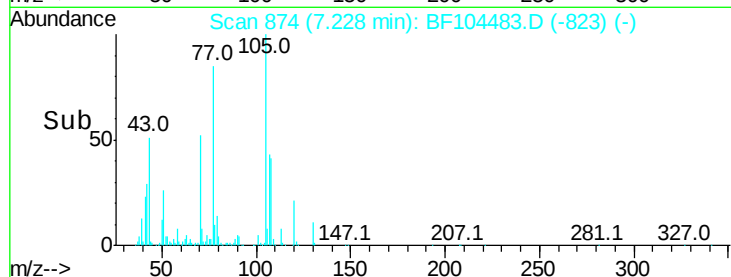
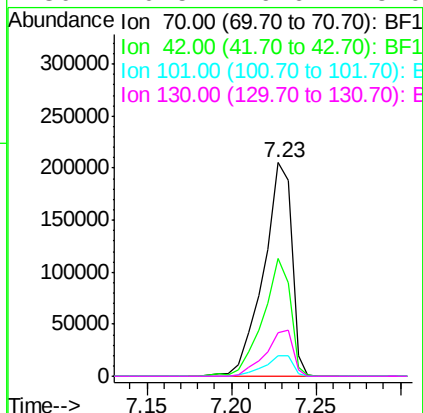
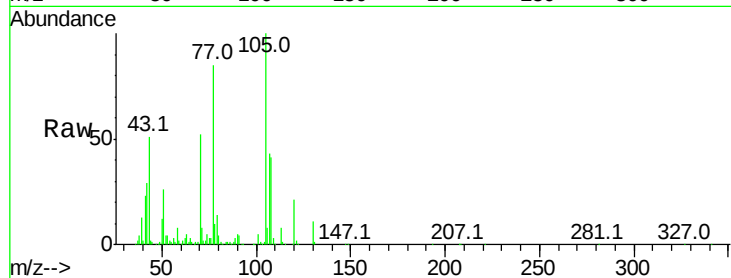




#19
n-Nitroso-di-n-propylamine
Concen: 32.881 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

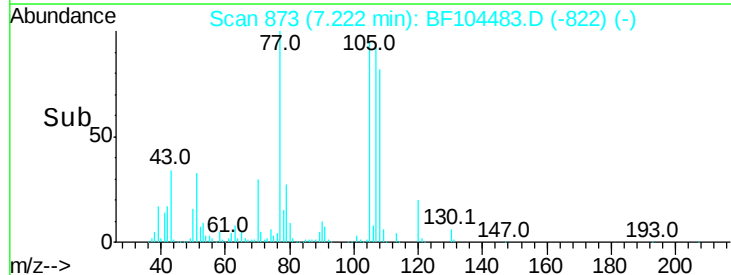
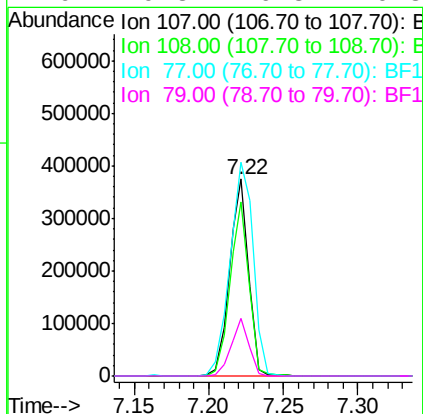
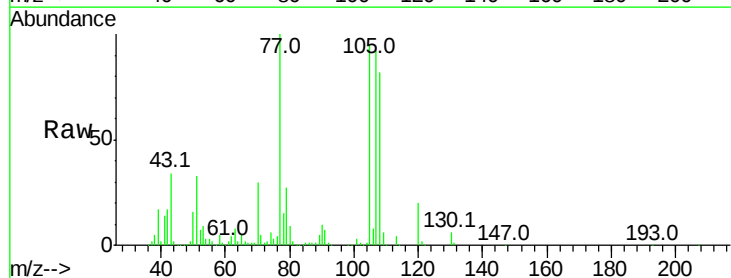
Instrument :
BNA_F
ClientSampleId :

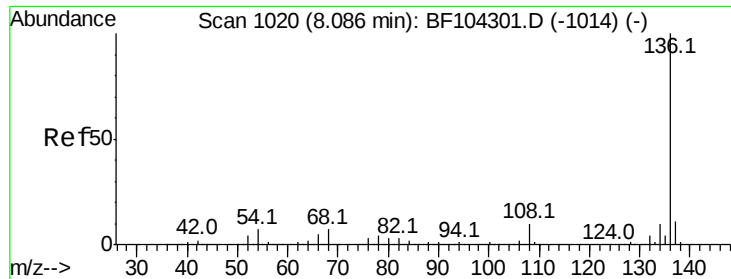
Tot Ion:	70	Resp:	237305
Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	9.8	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.063 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:	107	Resp:	338173
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	108.4	26.7	66.7#
79	29.3	6.3	46.3

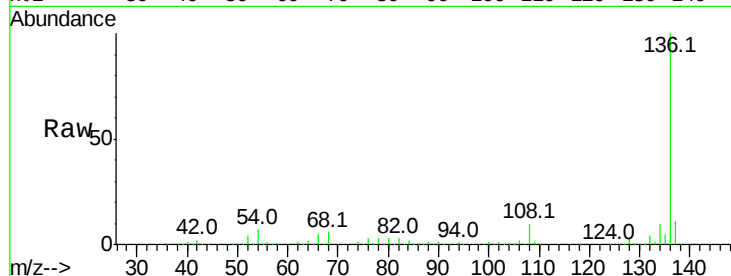




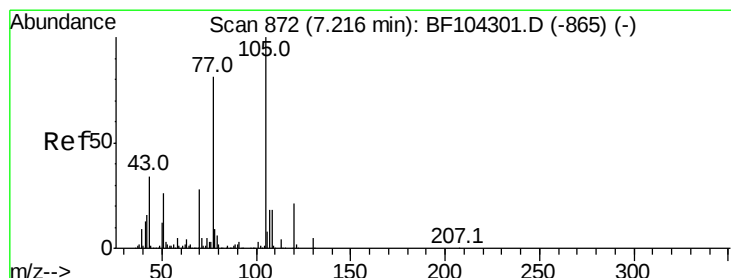
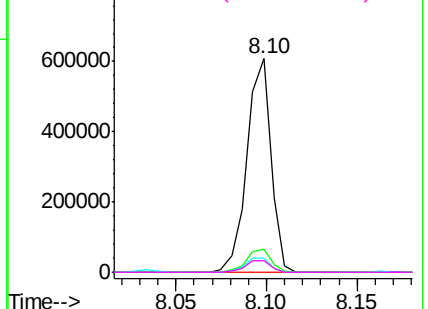
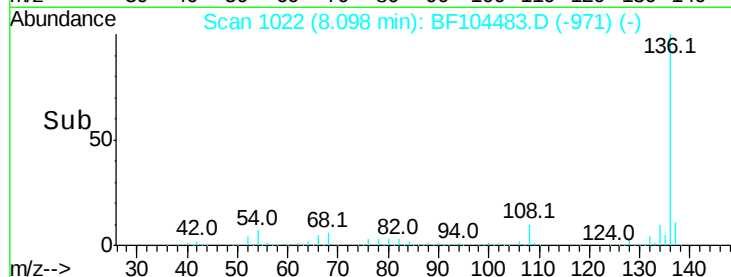
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 561372
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.5	6.6 9.8#
68 5.7	5.0 7.4

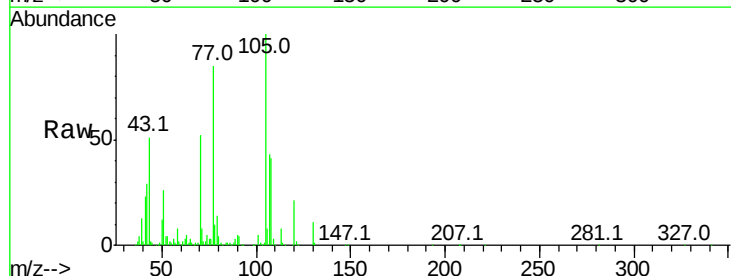


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

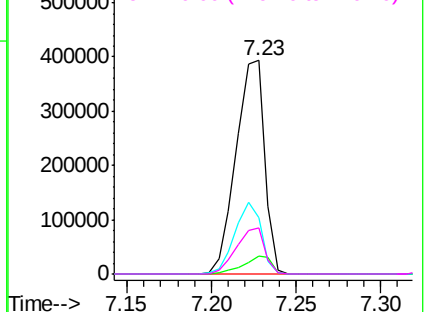
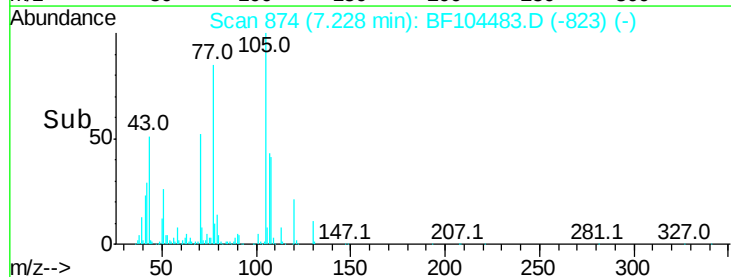


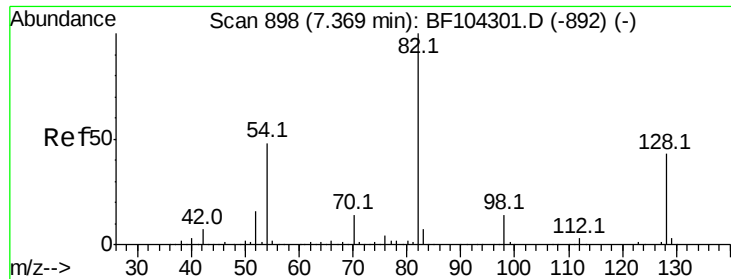
#22
Acetophenone
Concen: 33.757 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:105	Resp: 466540
Ion Ratio	Lower Upper
105 100	
71 8.5	4.4 6.6#
51 26.3	22.3 33.5
120 21.3	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

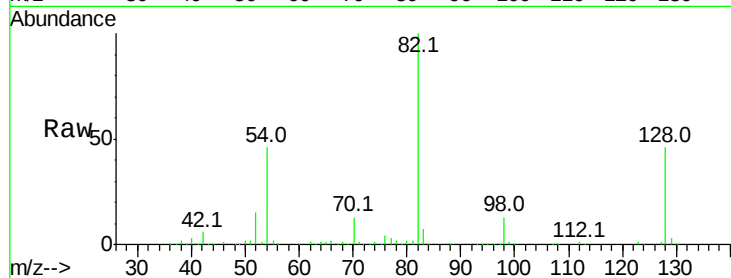




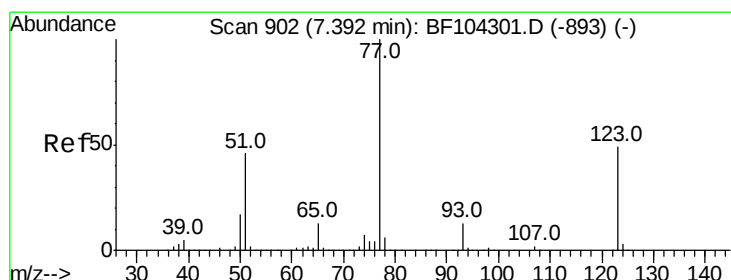
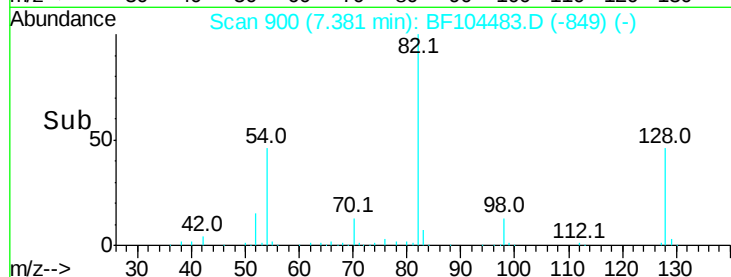
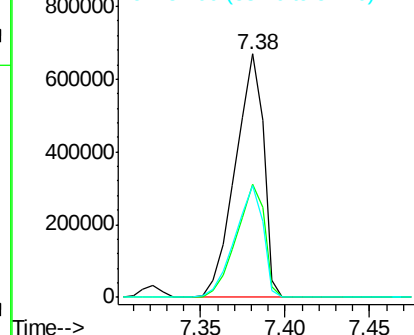
#23
Nitrobenzene-d5
Concen: 90.429 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 777428
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.2 41.4 62.2

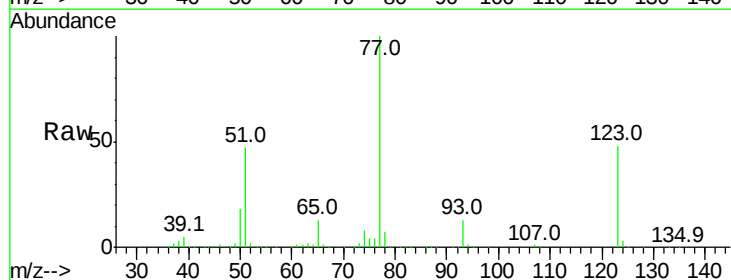


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

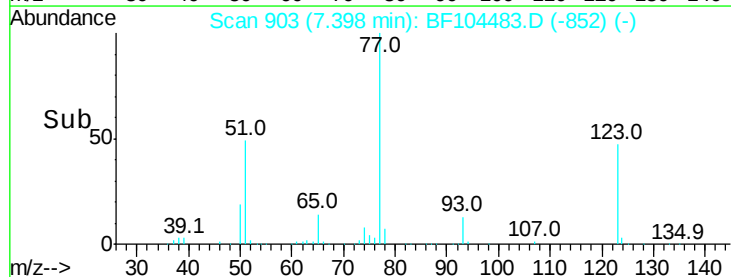
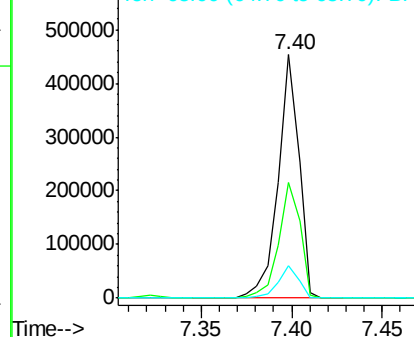


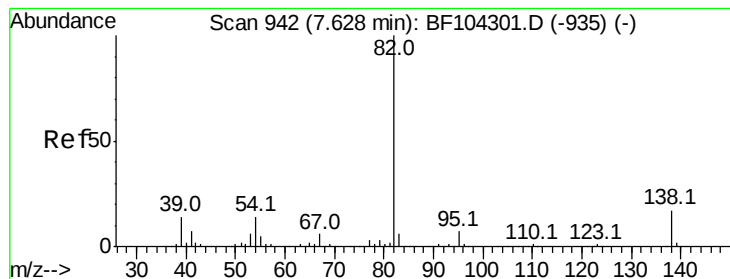
#24
Nitrobenzene
Concen: 38.201 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion: 77 Resp: 362592
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 32.264 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

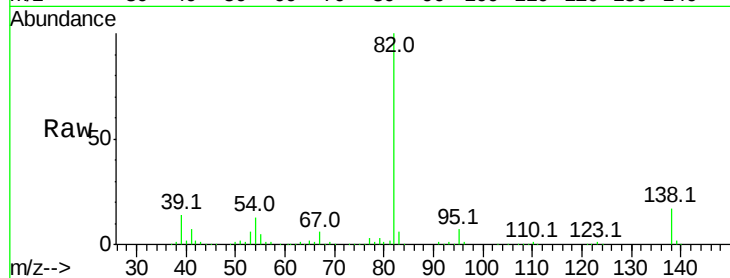
Tot Ion: 82 Resp: 586555

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

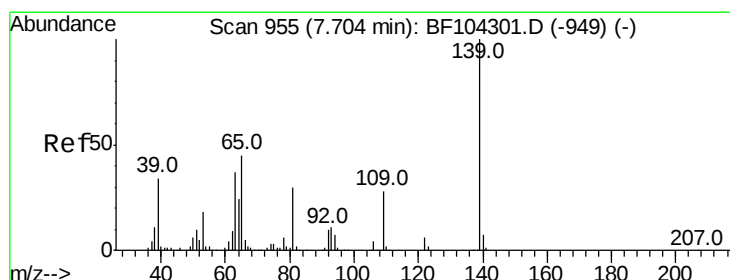
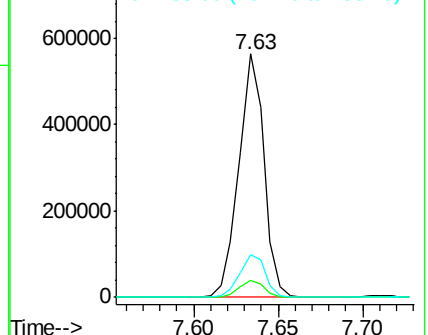
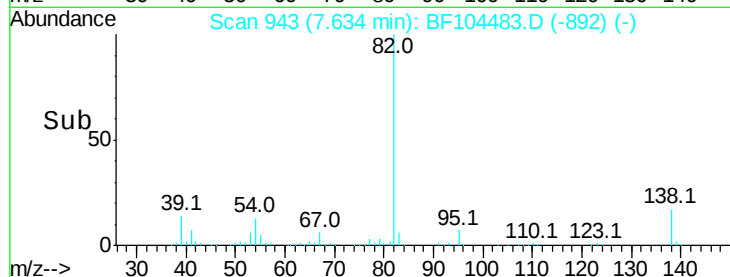
138 17.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.749 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

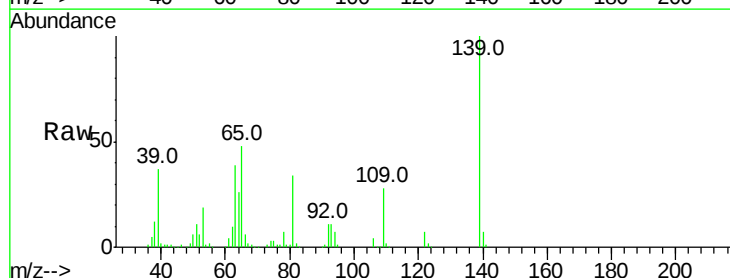
Tgt Ion: 139 Resp: 188370

Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

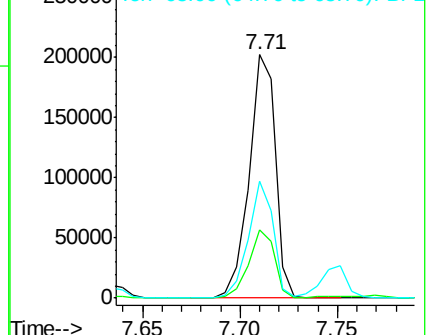
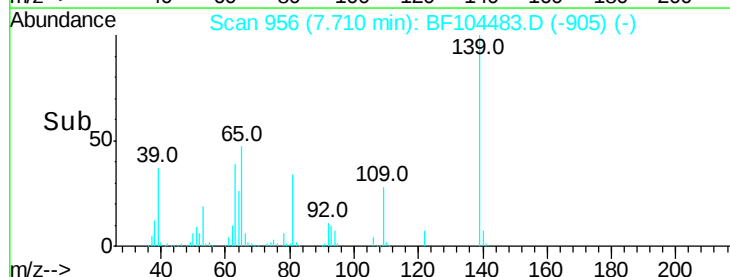
65 47.9 40.5 60.7

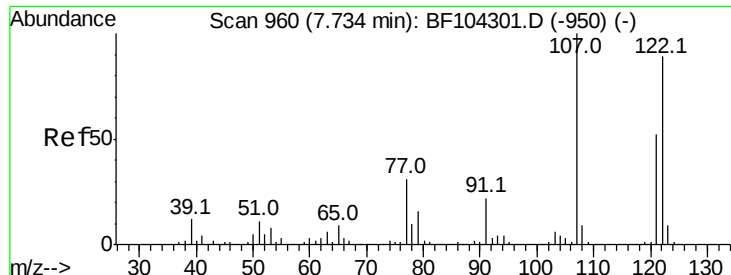


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

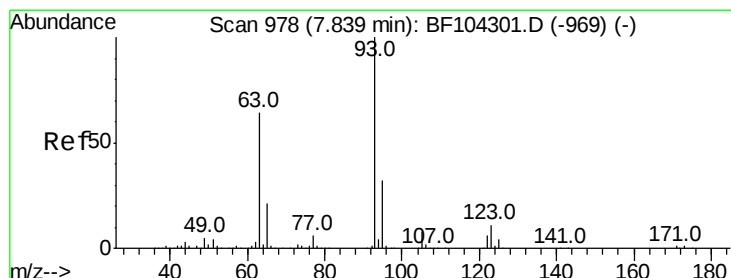
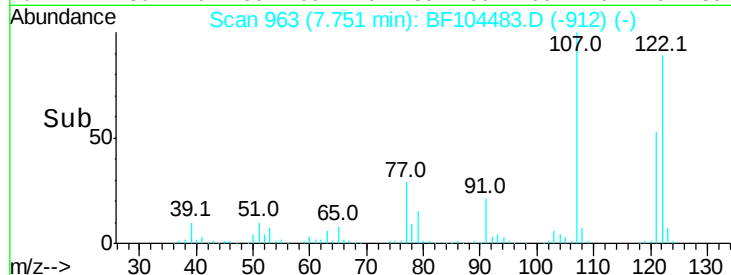
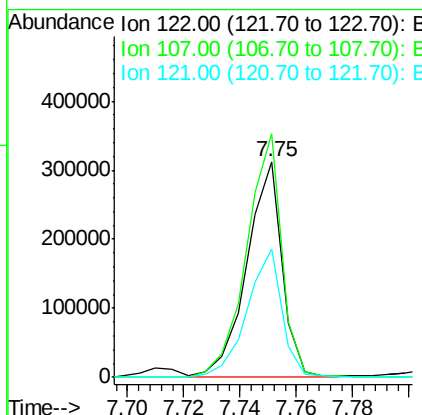
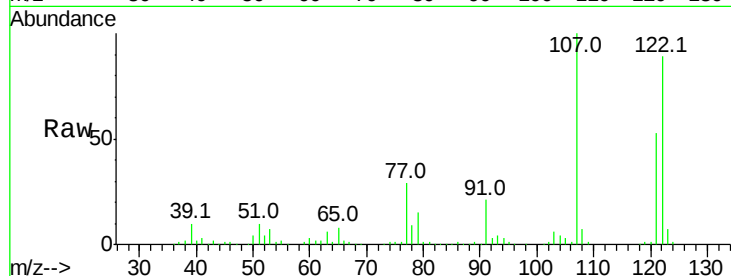




#27
 2,4-Dimethylphenol
 Concen: 33.762 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

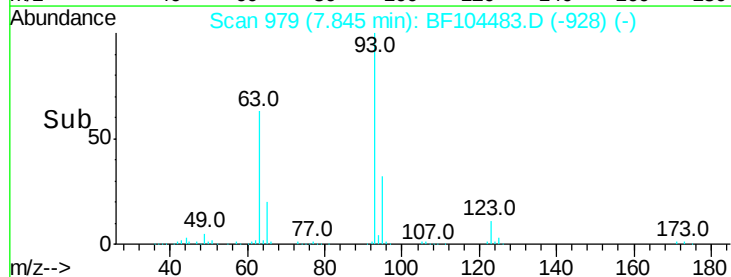
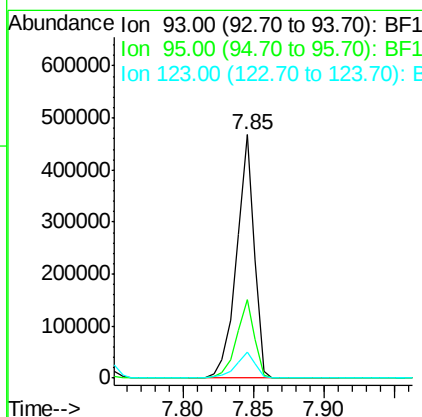
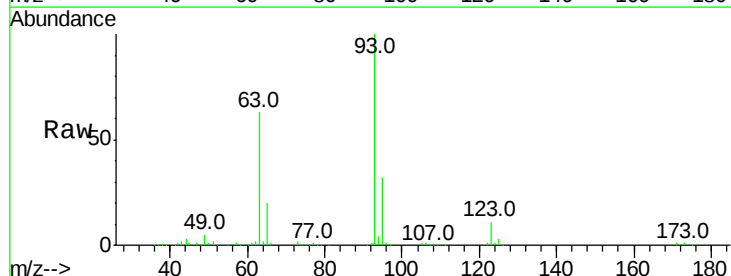
Instrument :
 BNA_F
 ClientSampleId :

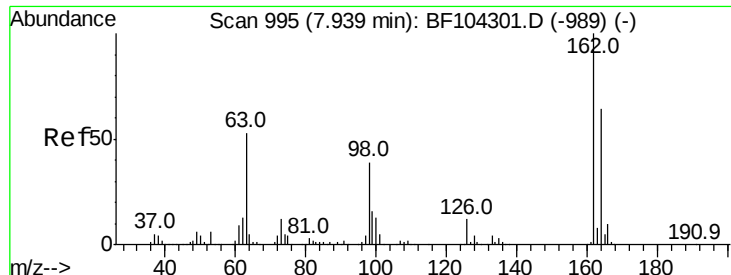
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	59.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.259 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	10.8	9.8	14.6

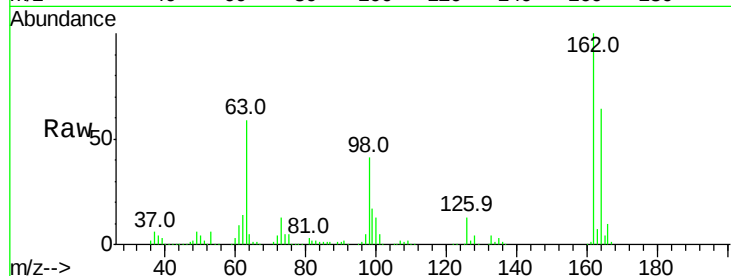




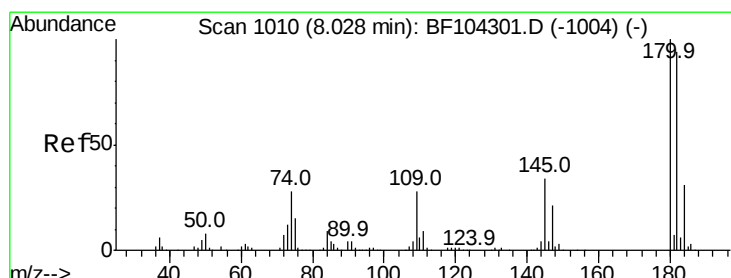
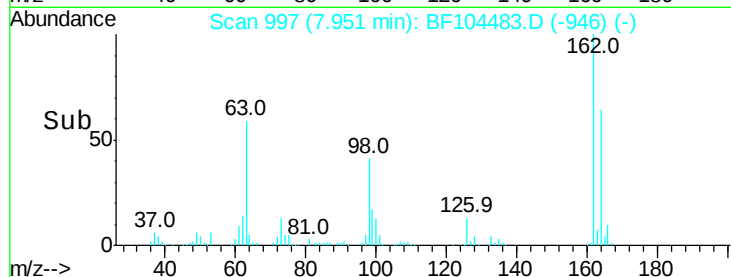
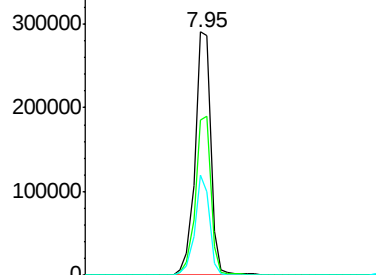
#29
 2,4-Dichlorophenol
 Concen: 36.435 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	41.2	18.1	58.1

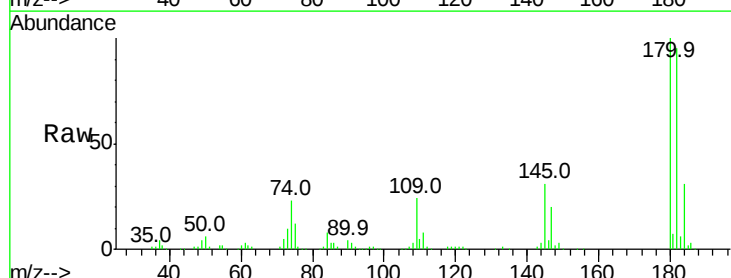


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

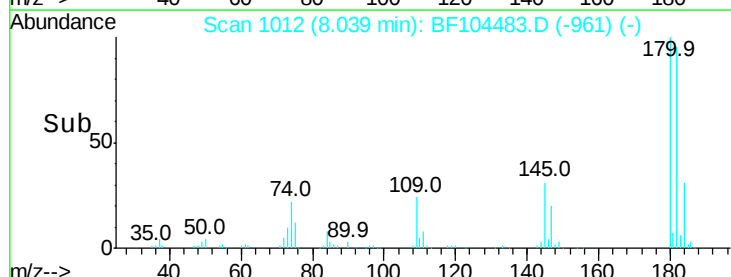
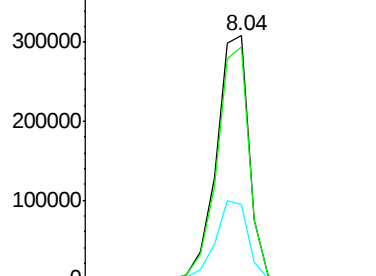


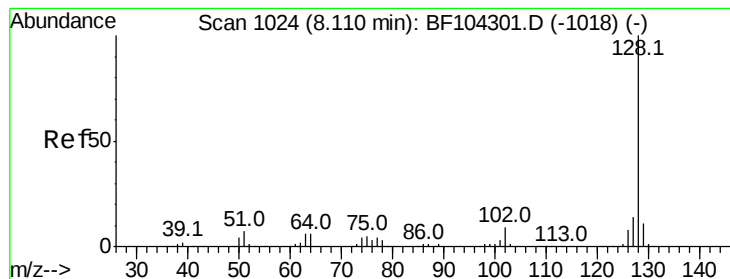
#30
 1,2,4-Trichlorobenzene
 Concen: 35.856 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	30.9	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: 33.231 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampled :

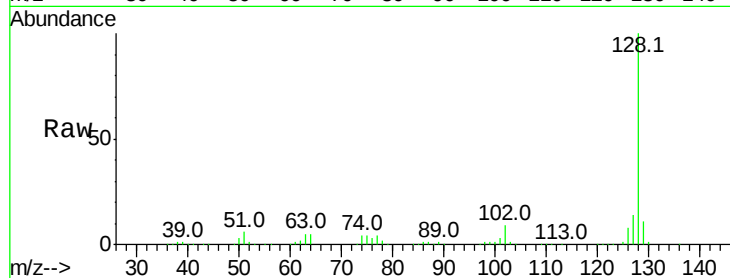
Tot Ion:128 Resp: 928916

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

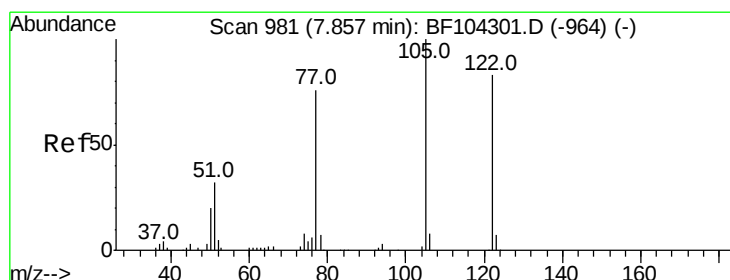
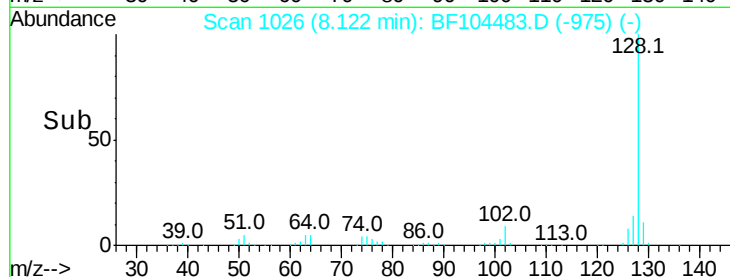
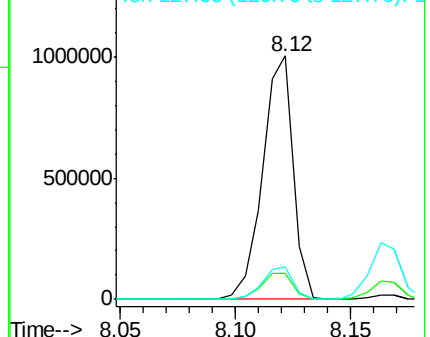
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.617 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.04 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

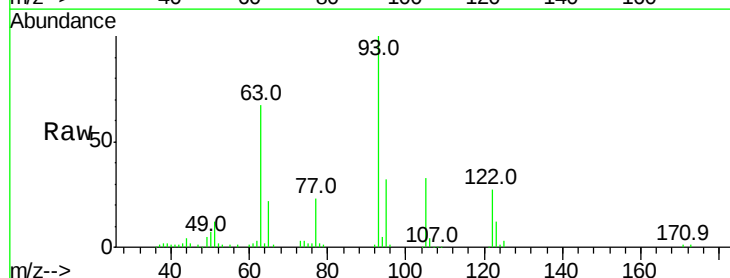
Tgt Ion:122 Resp: 61564

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

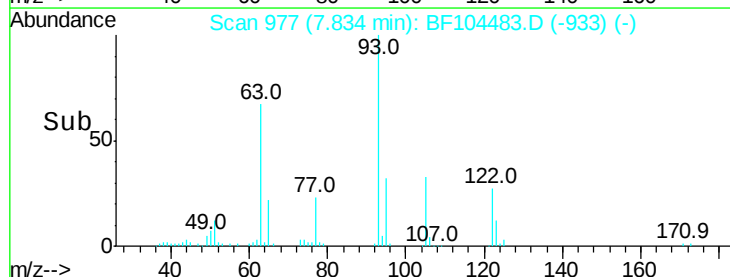
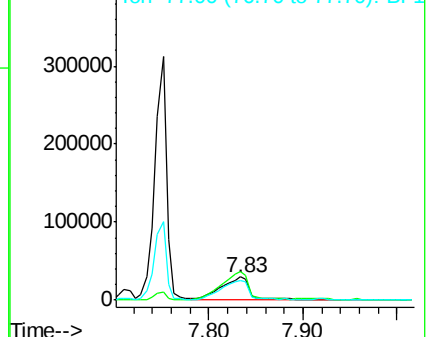
77 88.1 70.7 110.7

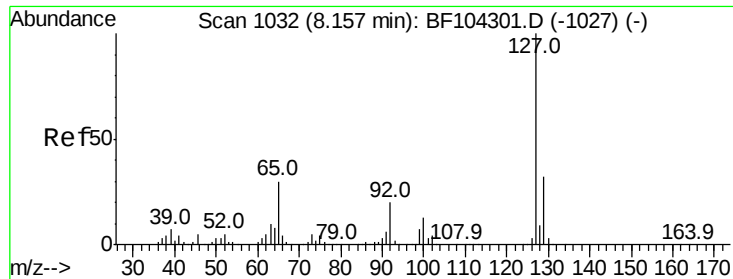


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

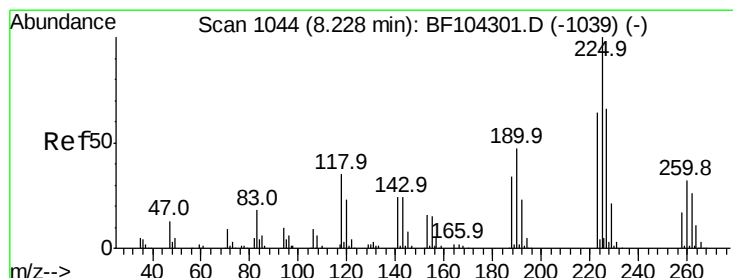
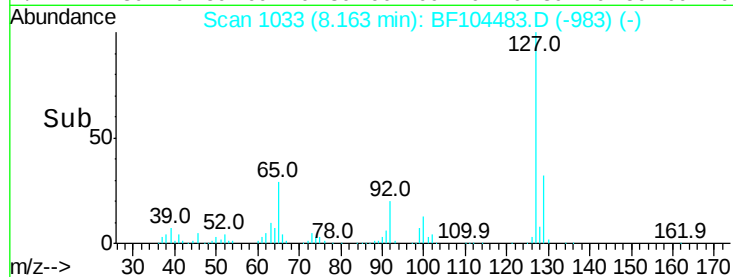
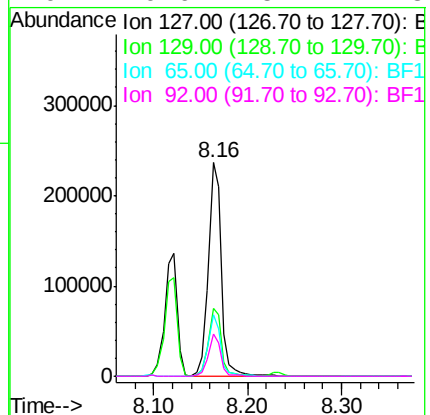
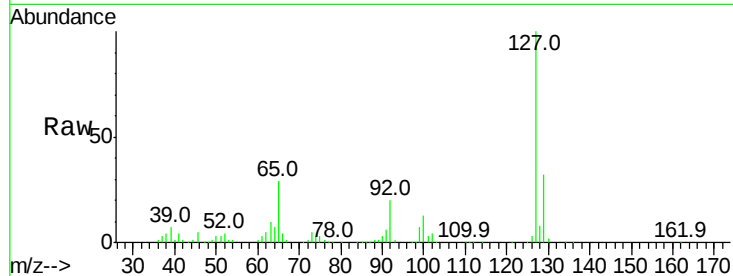




#33
4-Chloroaniline
Concen: 19.249 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

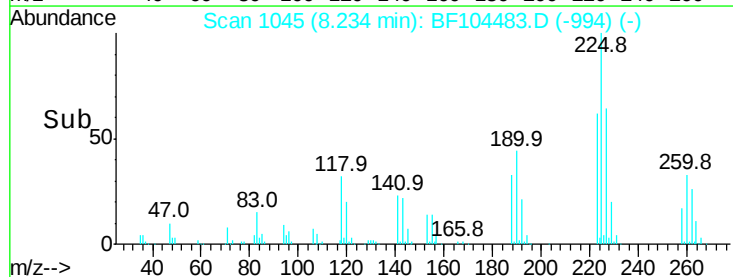
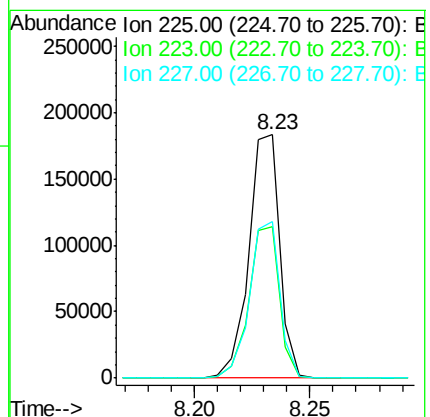
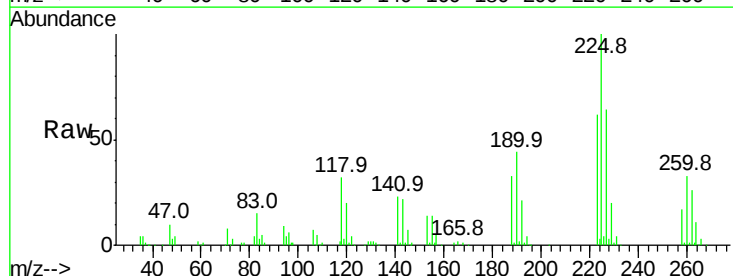
Instrument :
BNA_F
ClientSampleId :

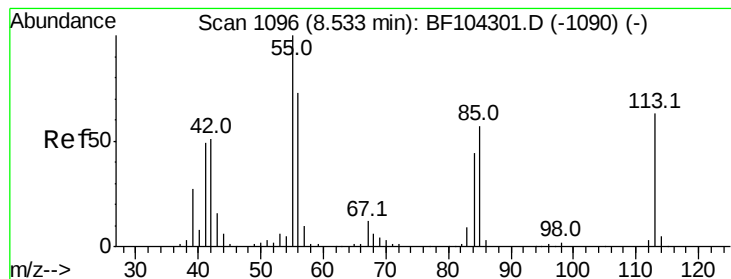
Tot Ion:	127	Resp:	230525
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.1	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.260 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:	225	Resp:	171465
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.4	51.9	77.9





#35

Caprolactam

Concen: 32.349 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

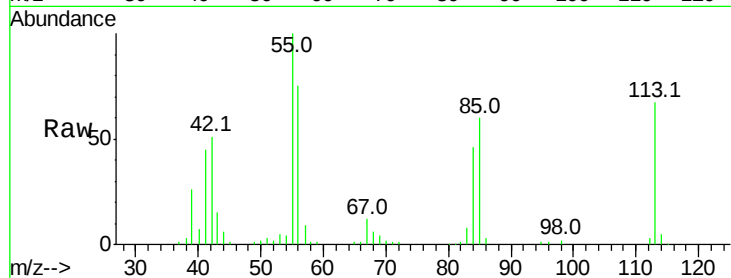
Tot Ion:113 Resp: 86392

Ion Ratio Lower Upper

113 100

55 149.5 163.3 203.3#

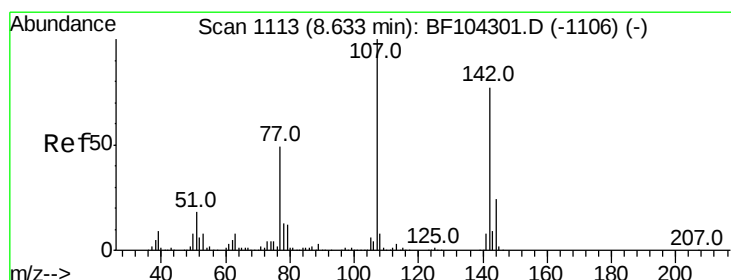
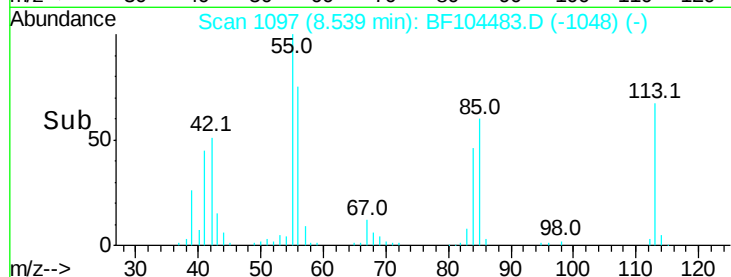
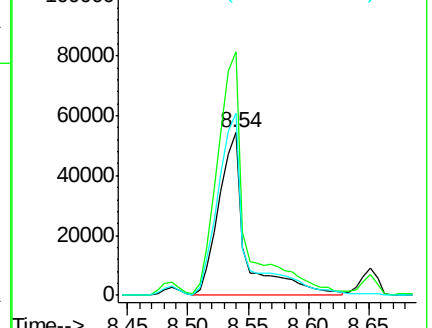
56 111.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.937 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

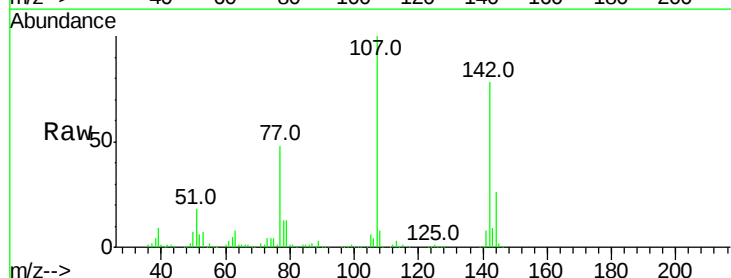
Tgt Ion:107 Resp: 303198

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

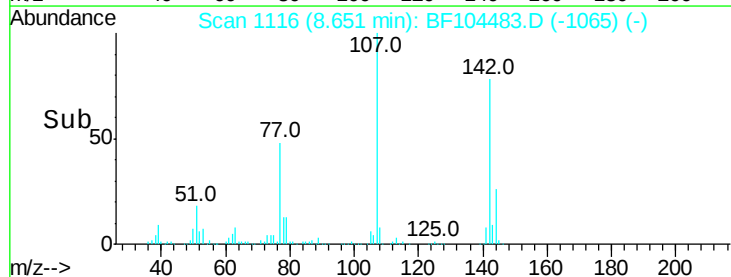
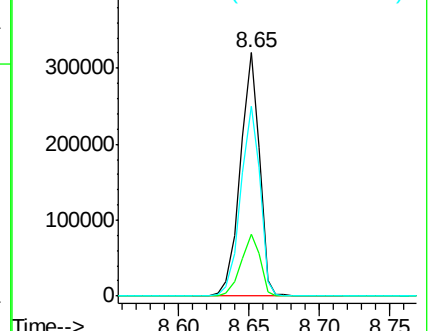
142 78.1 62.0 93.0

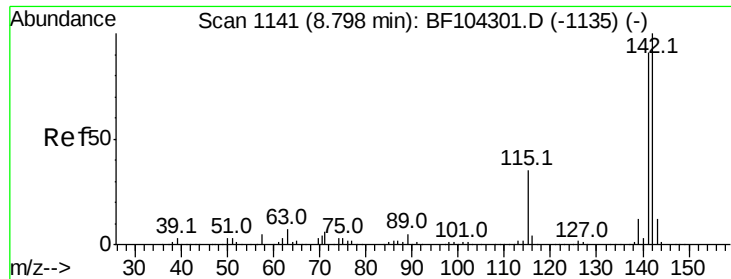


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

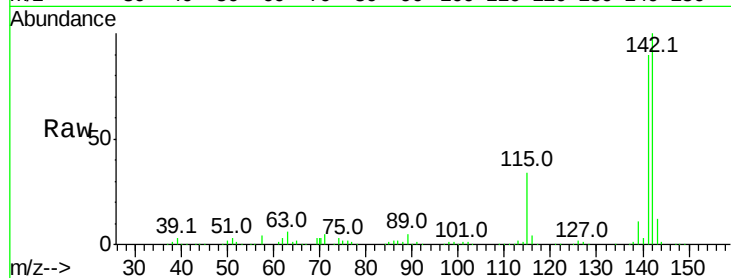




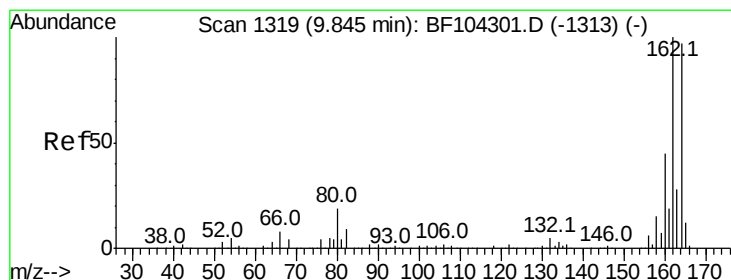
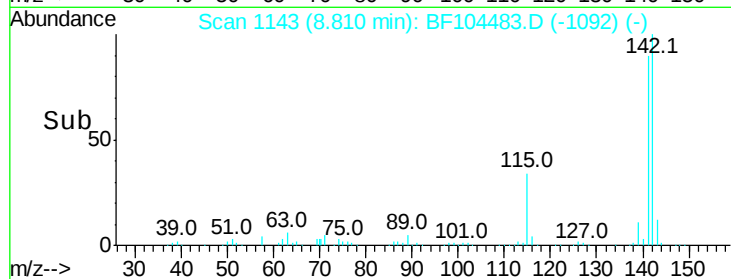
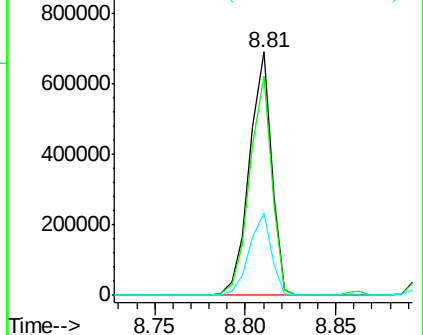
#37
 2-Methylnaphthalene
 Concen: 32.477 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	33.8	26.1	39.1

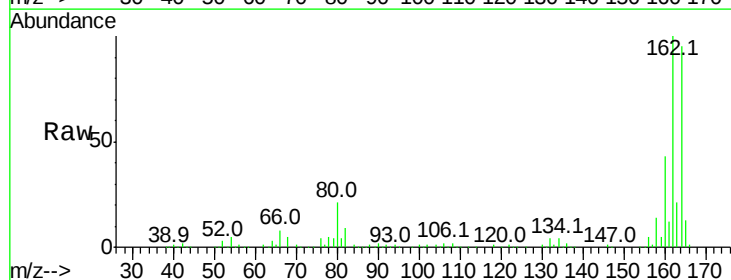


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

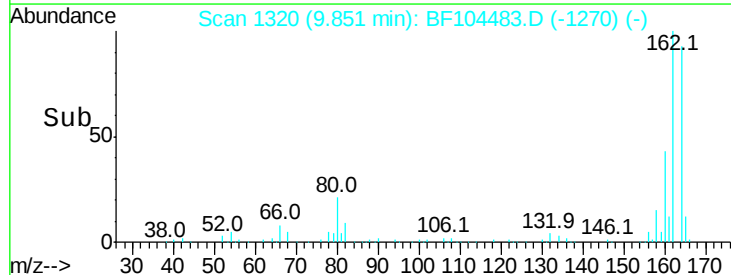
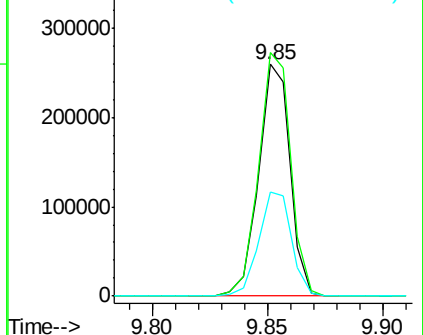


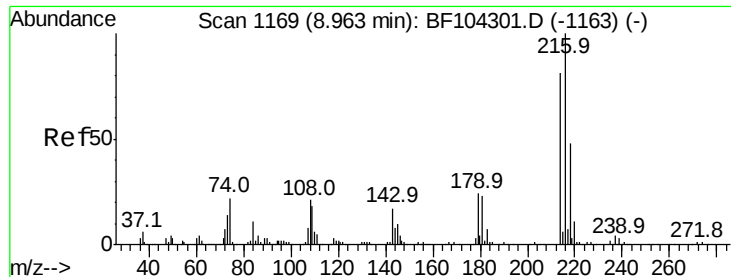
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	44.9	38.3	57.5



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

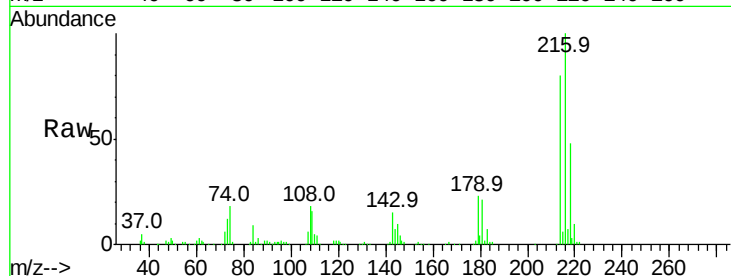




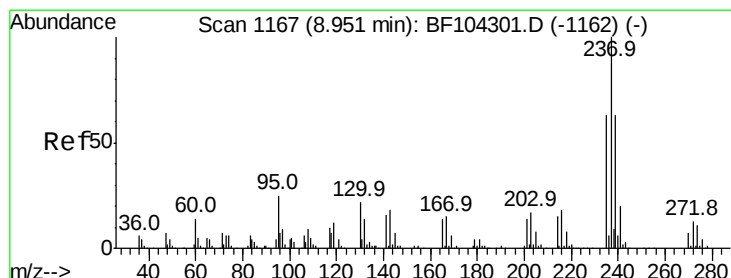
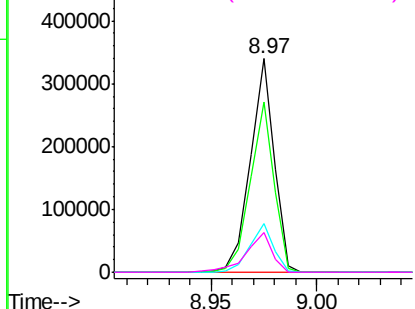
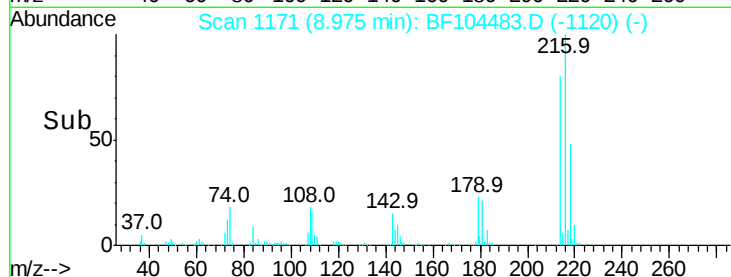
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.074 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	267900
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.8	18.1	27.1
108	20.1	17.2	25.8

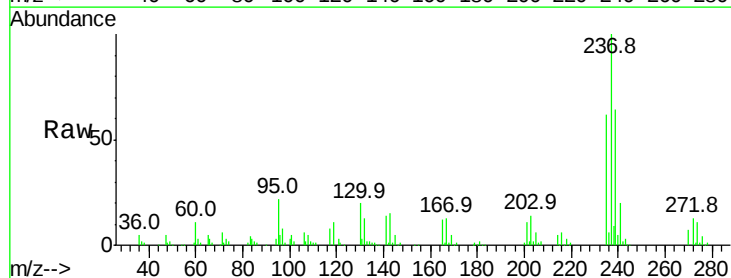


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

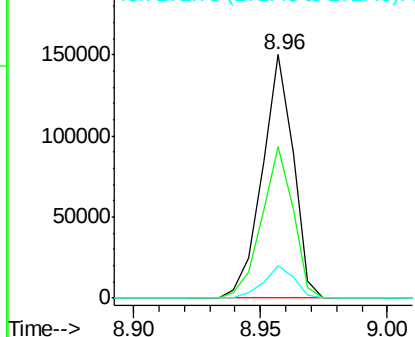
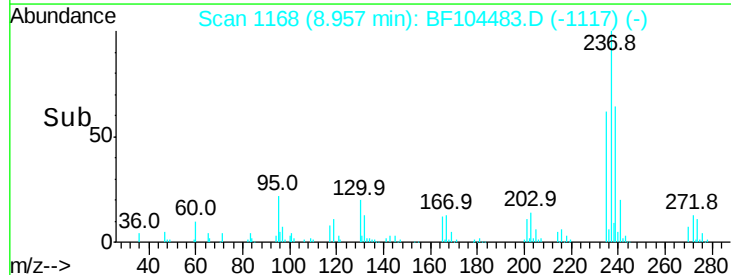


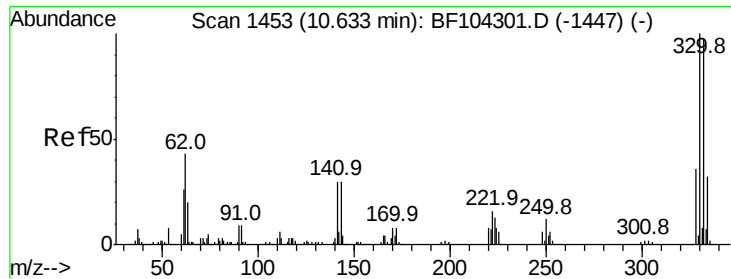
#40
 Hexachlorocyclopentadiene
 Concen: 32.623 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:	237	Resp:	128508
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	13.3	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

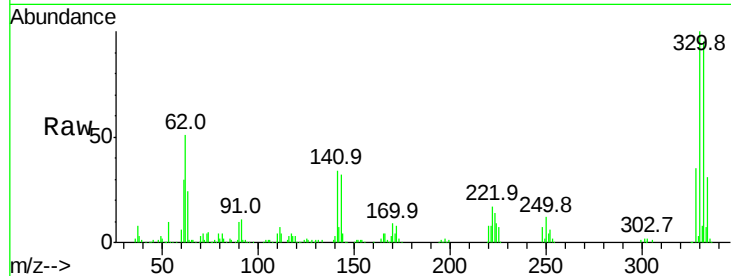




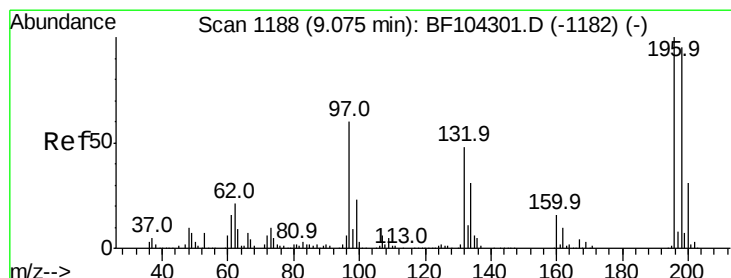
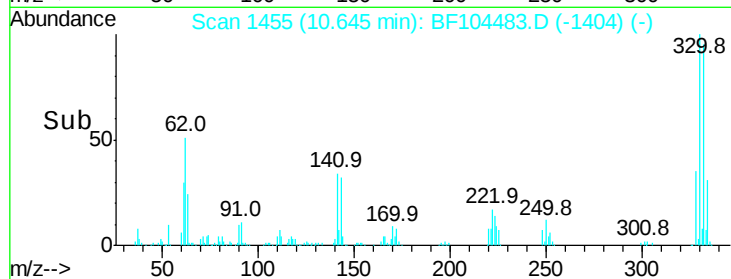
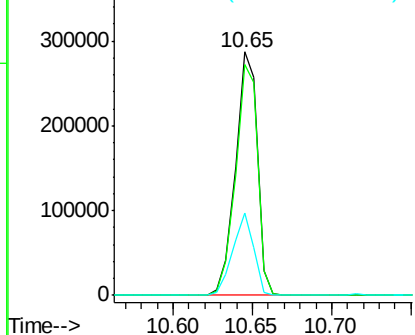
#41
 2,4,6-Tribromophenol
 Concen: 107.863 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.5	29.9	44.9

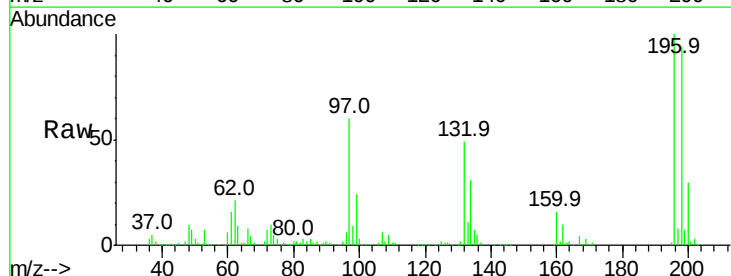


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

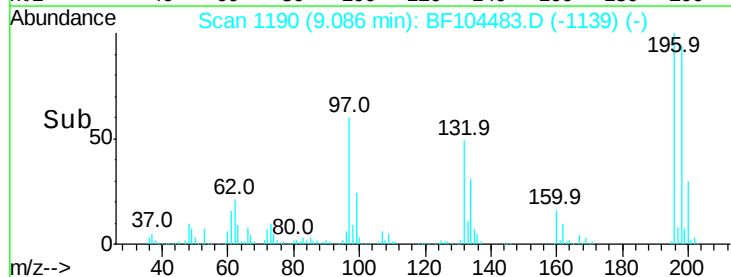
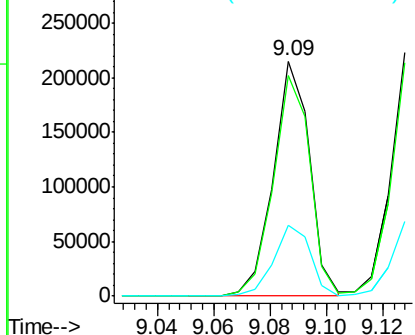


#42
 2,4,6-Trichlorophenol
 Concen: 39.045 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.2	24.5	36.7



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

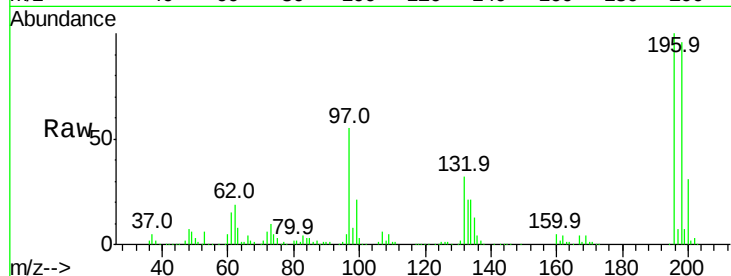




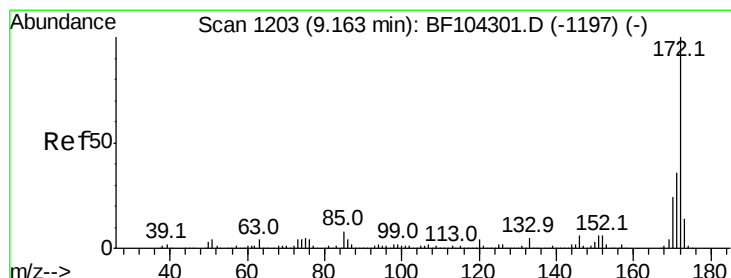
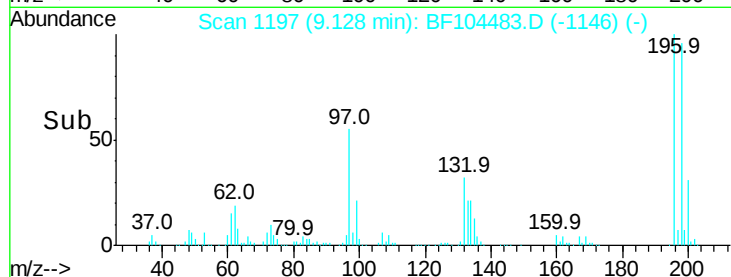
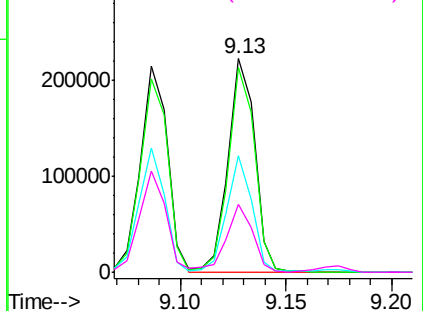
#43
 2,4,5-Trichlorophenol
 Concen: 35.826 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	195821
Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	54.7	42.9	64.3
132	31.8	26.3	39.5

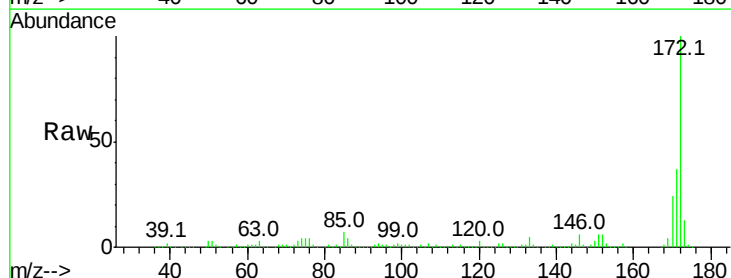


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

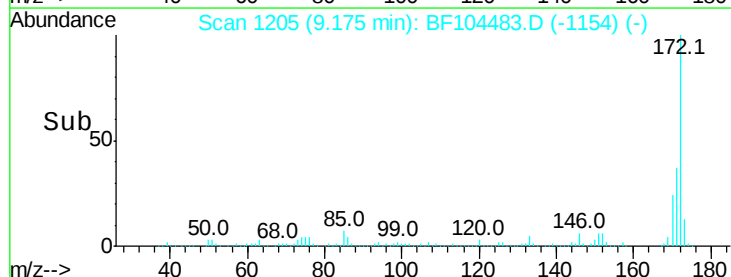
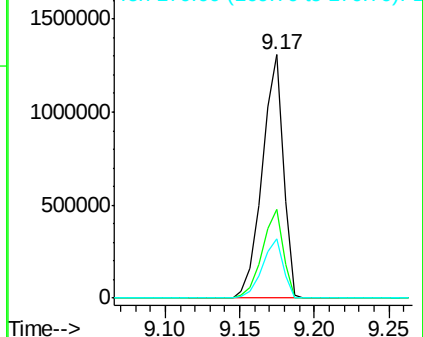


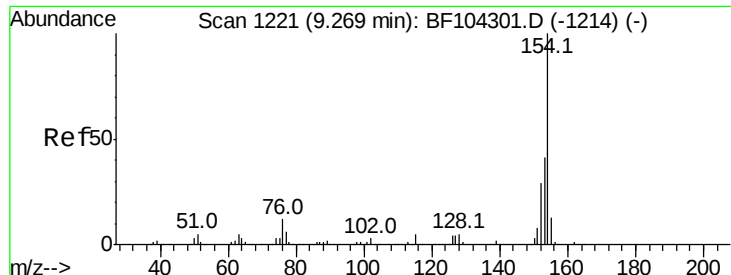
#44
 2-Fluorobiphenyl
 Concen: 80.907 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:	172	Resp:	1258885
Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

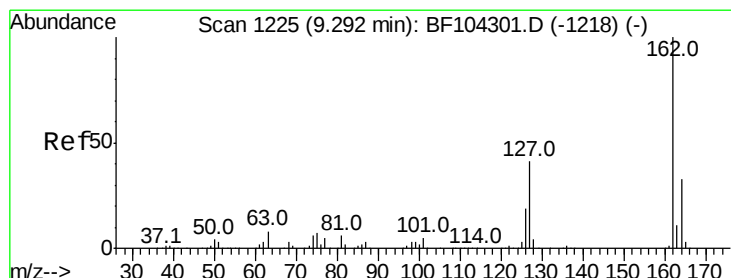
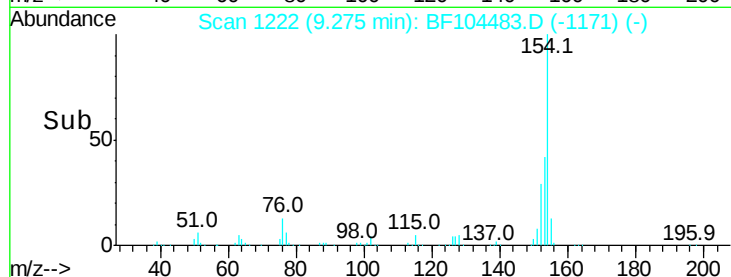
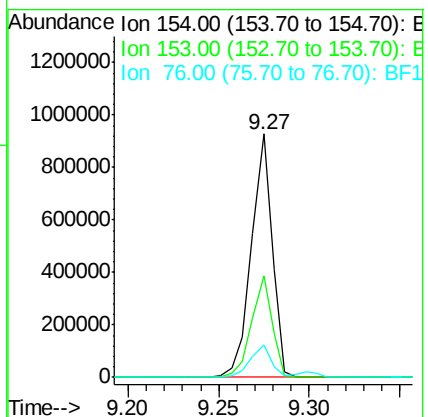
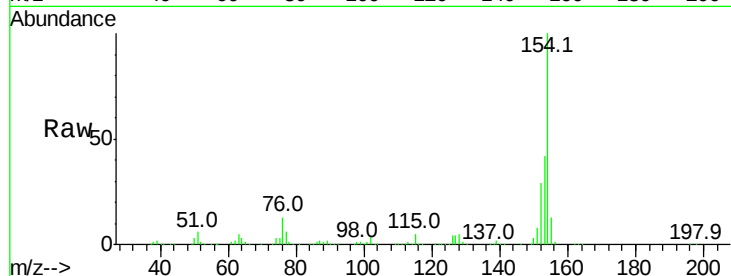




#45
 1,1'-Biphenyl
 Concen: 36.049 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

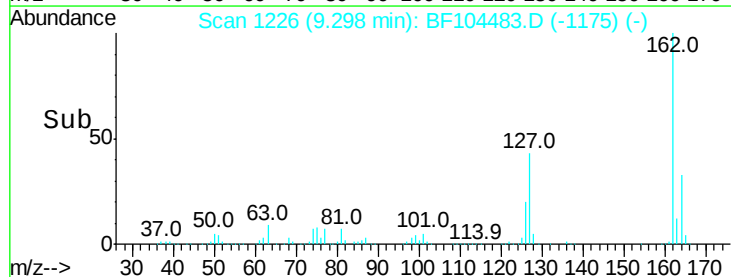
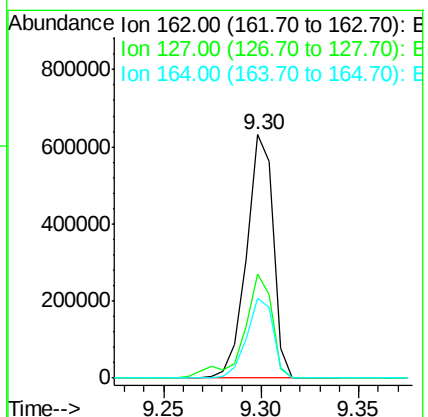
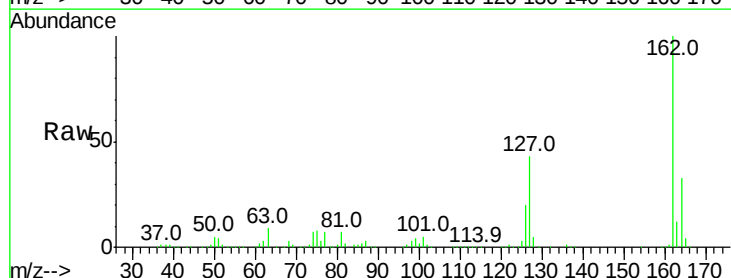
Instrument :
 BNA_F
 ClientSampleId :

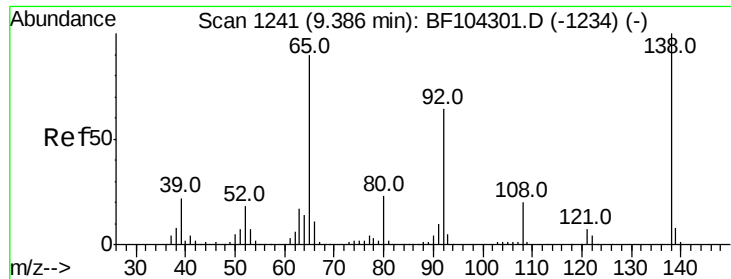
Tot Ion:154 Resp: 744387
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.3 61.3
 76 13.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 36.607 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:162 Resp: 597073
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.9 50.9
 164 32.6 26.5 39.7

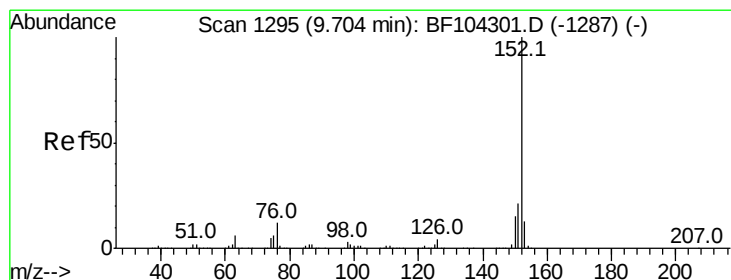
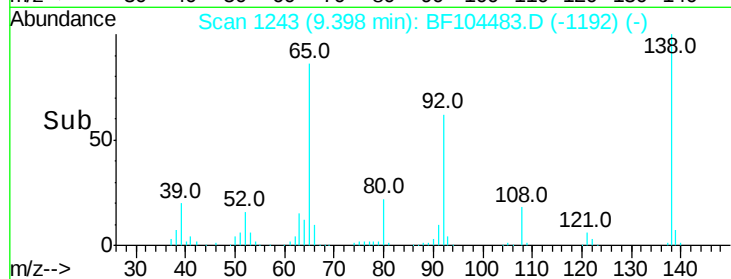
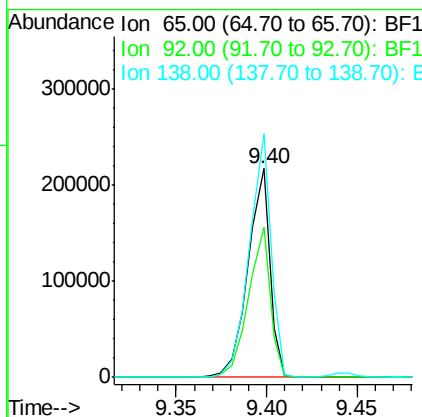
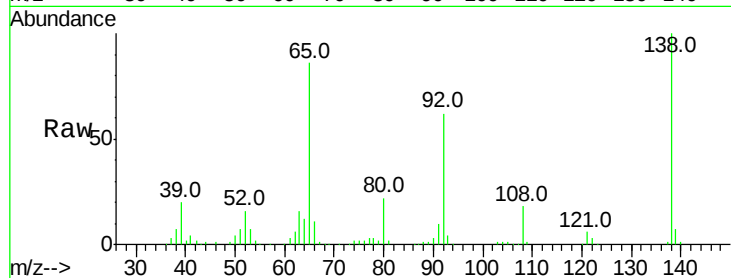




#47
2-Nitroaniline
Concen: 45.429 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

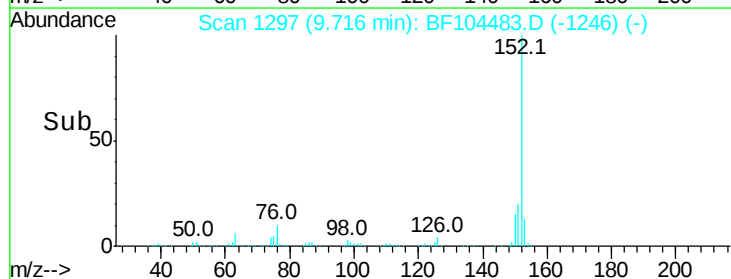
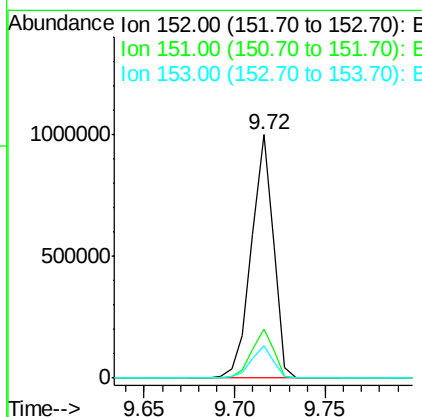
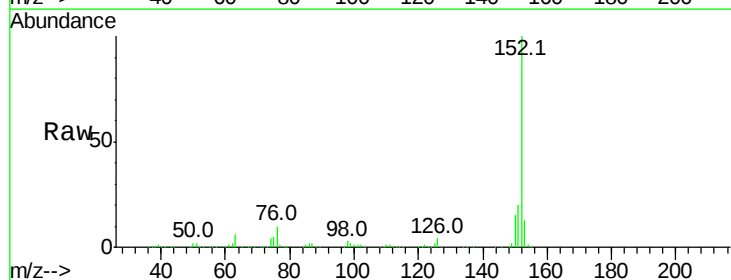
Instrument :
BNA_F
ClientSampleId :

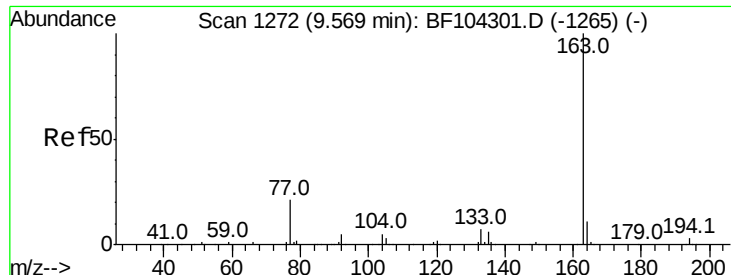
Tot Ion: 65 Resp: 183240
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 116.6 91.2 136.8



#48
Acenaphthylene
Concen: 33.148 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:152 Resp: 848266
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1

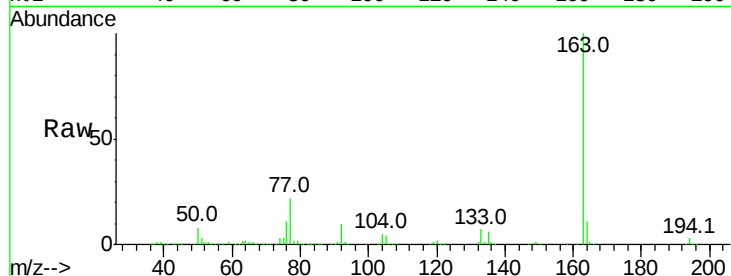




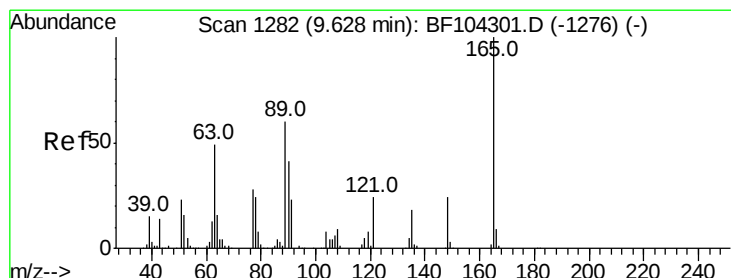
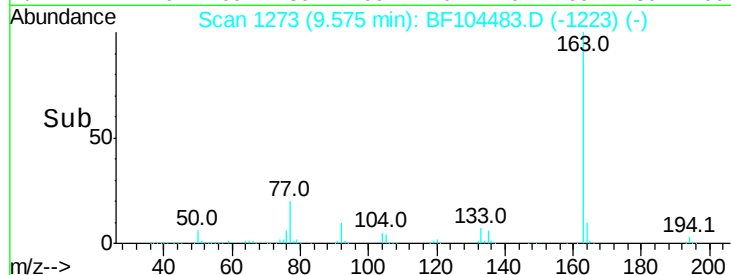
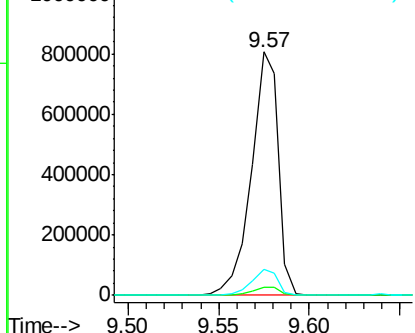
#49
Dimethylphthalate
Concen: 42.787 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 829362
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

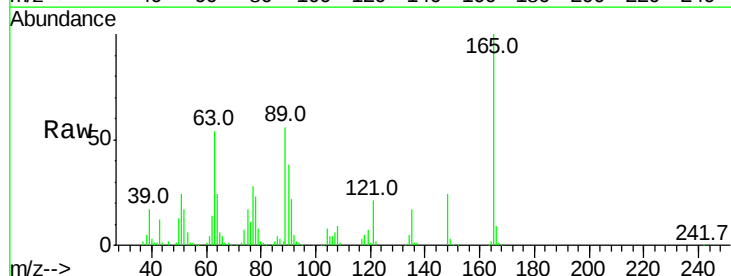


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

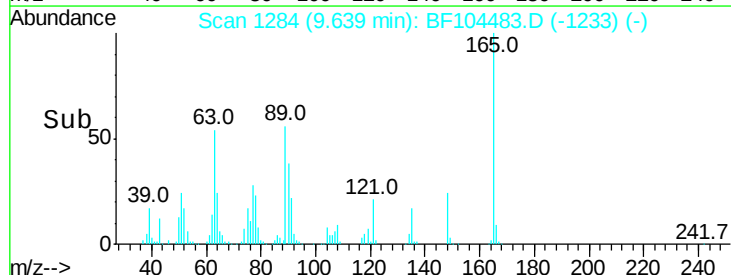
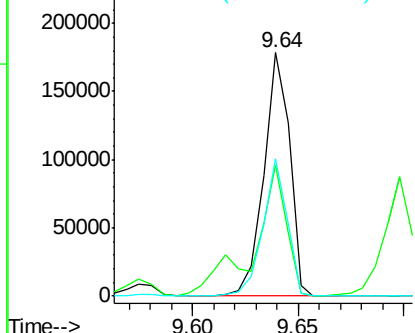


#50
2,6-Dinitrotoluene
Concen: 42.367 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:165 Resp: 151959
Ion Ratio Lower Upper
165 100
63 53.8 44.7 67.1
89 56.3 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: 33.091 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

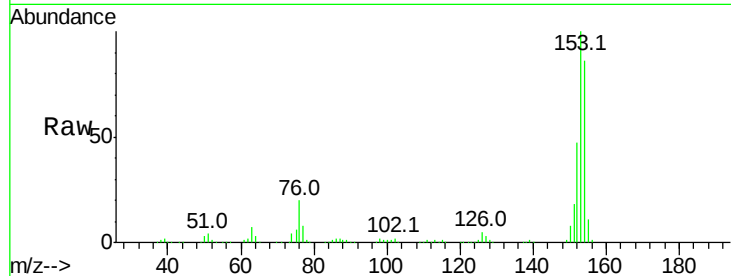
Tot Ion:154 Resp: 516676

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

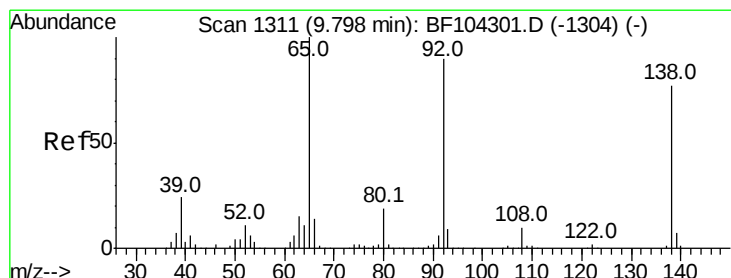
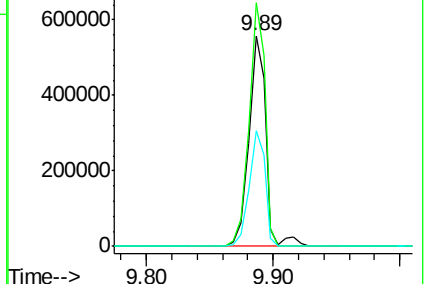
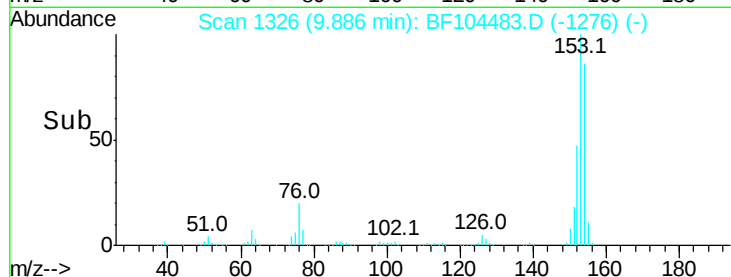
152 54.9 43.8 65.8



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: 30.439 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

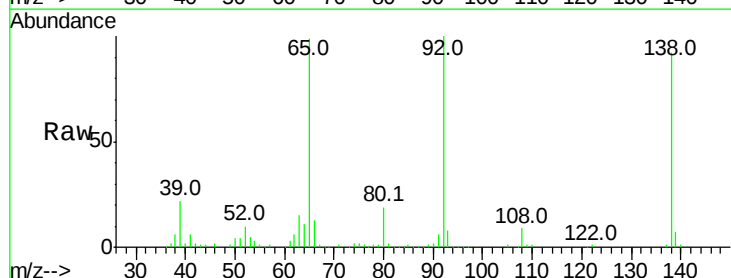
Tgt Ion:138 Resp: 127813

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

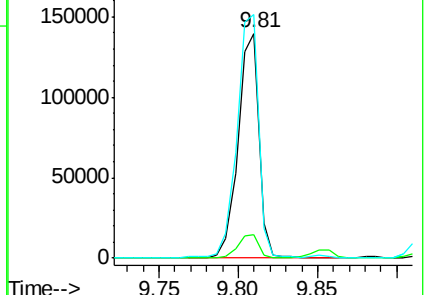
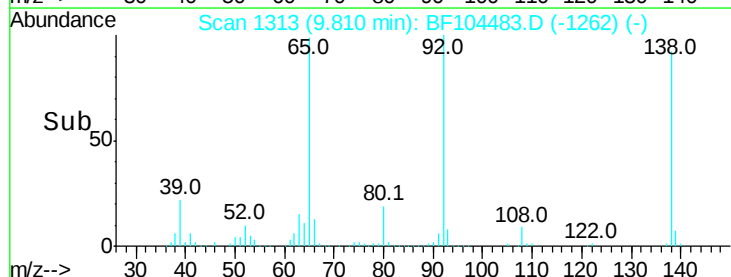
92 108.2 89.4 134.2

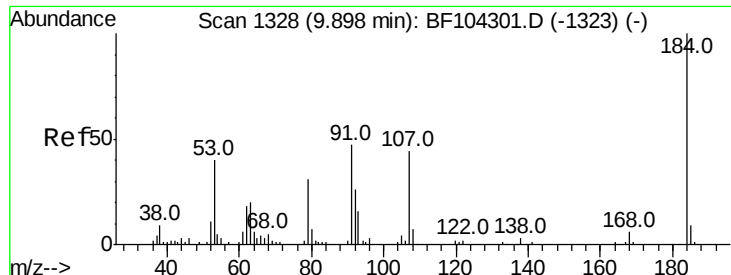


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

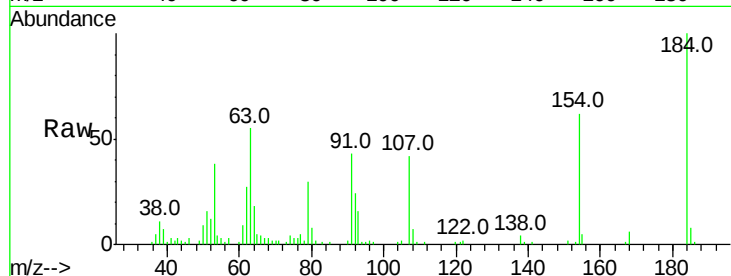




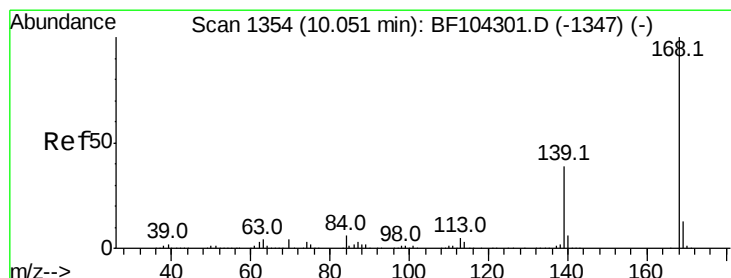
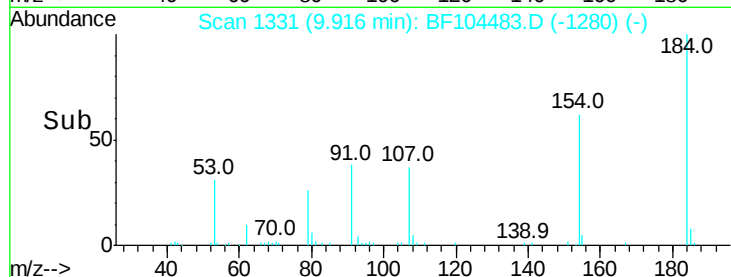
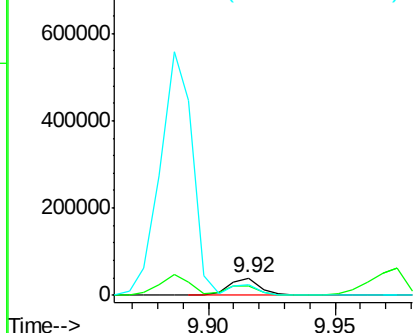
#53
 2,4-Dinitrophenol
 Concen: 33.059 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 33520
 Ion Ratio Lower Upper
 184 100
 63 55.2 54.2 81.2
 154 62.1 184.0 276.0#

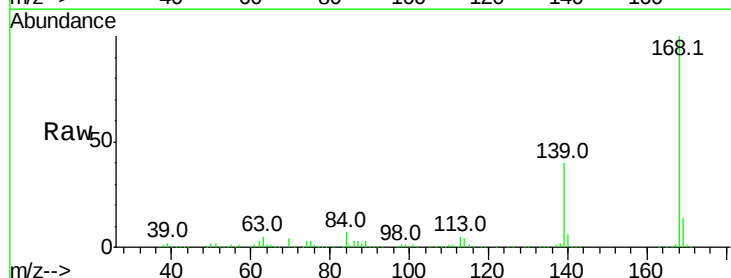


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

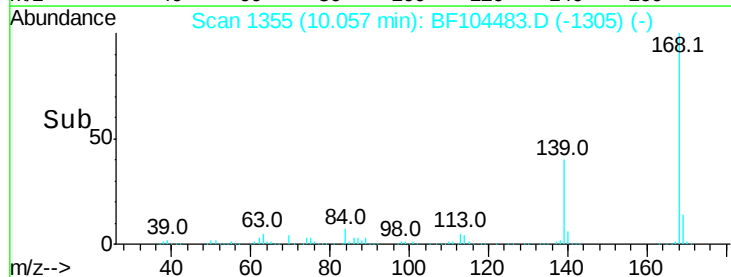
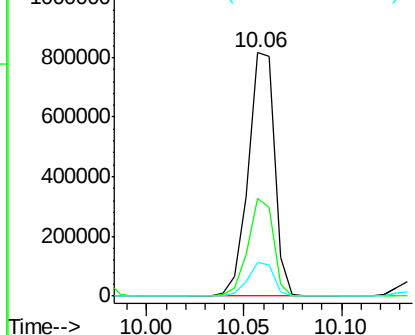


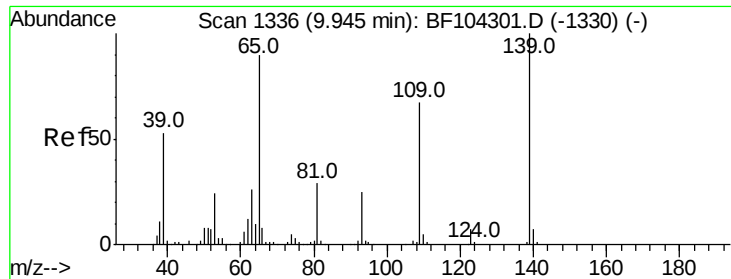
#54
 Dibenzofuran
 Concen: 35.136 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:168 Resp: 764528
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.7 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

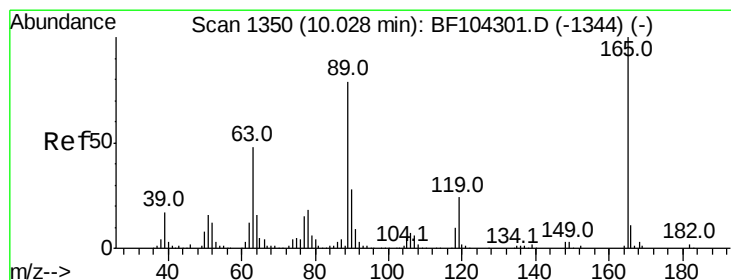
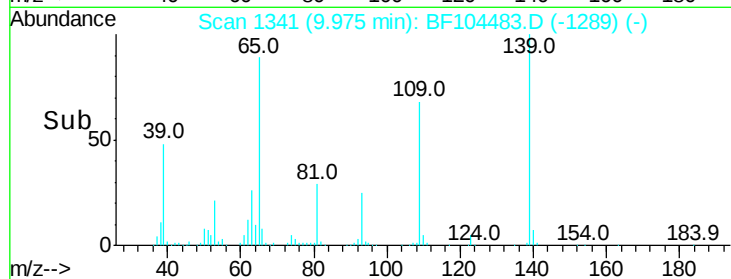
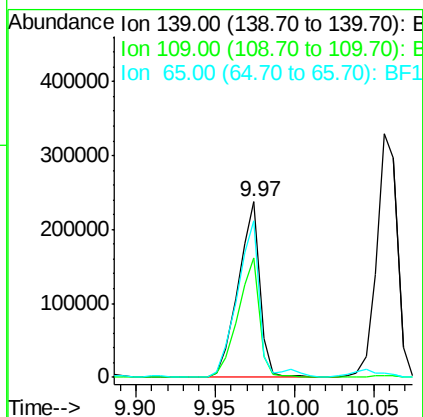
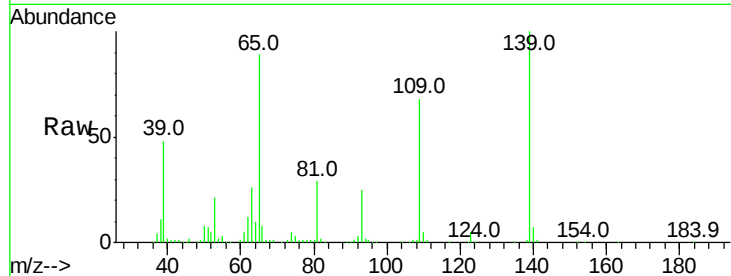




#55
4-Nitrophenol
Concen: 68.488 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

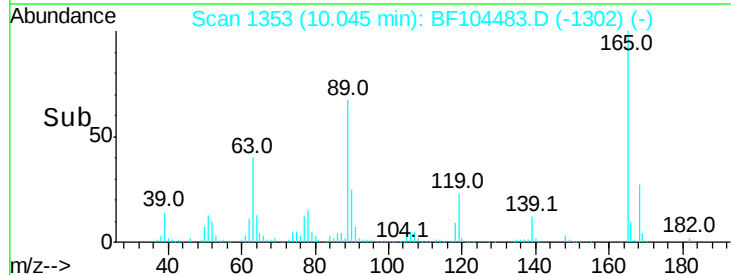
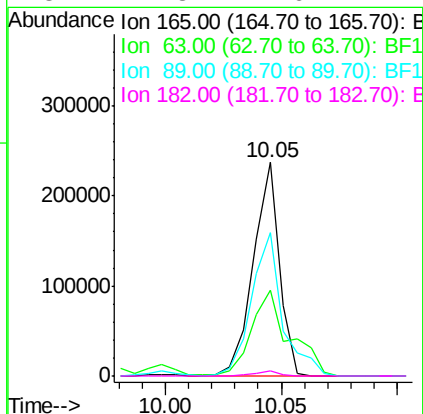
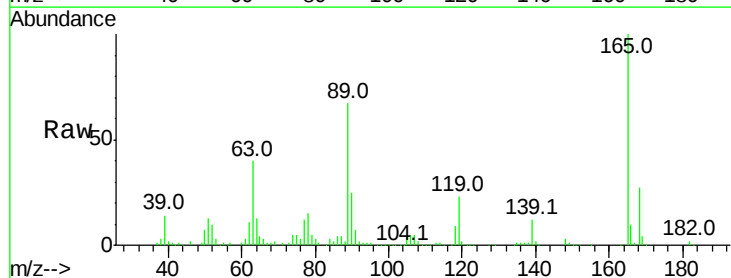
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 225903
Ion Ratio Lower Upper
139 100
109 67.8 48.4 88.4
65 88.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.141 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:165 Resp: 188853
Ion Ratio Lower Upper
165 100
63 40.0 36.4 54.6
89 67.1 57.8 86.6
182 2.3 1.6 2.4

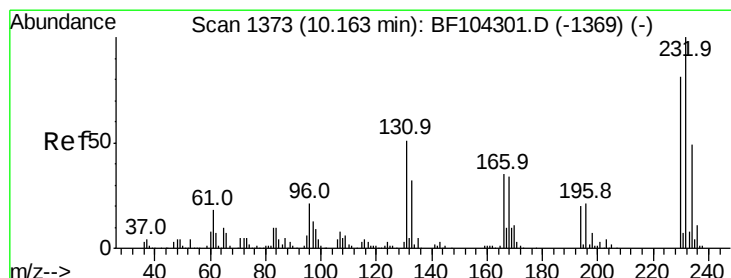
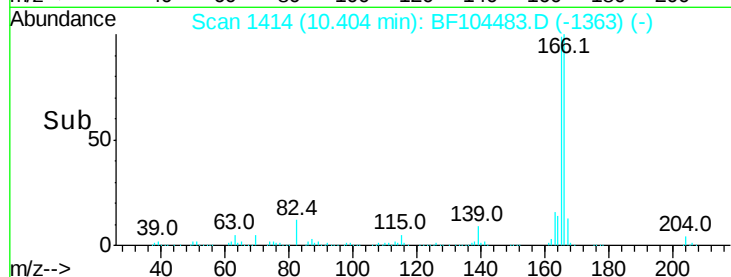
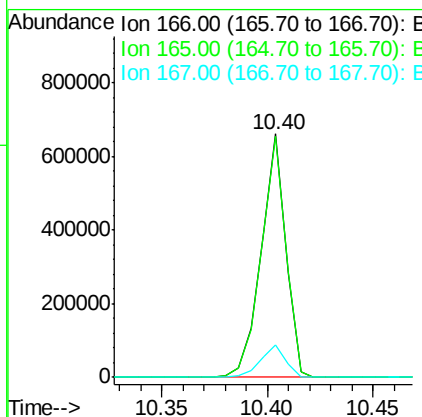
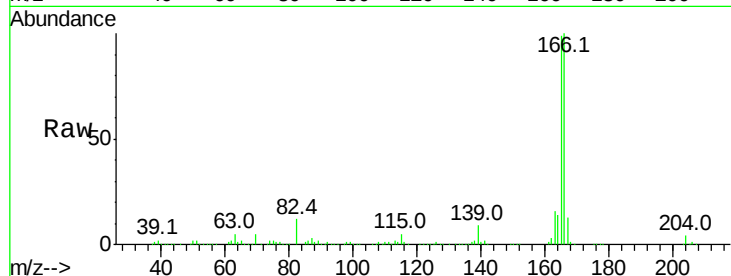




#57
 Fluorene
 Concen: 34.028 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

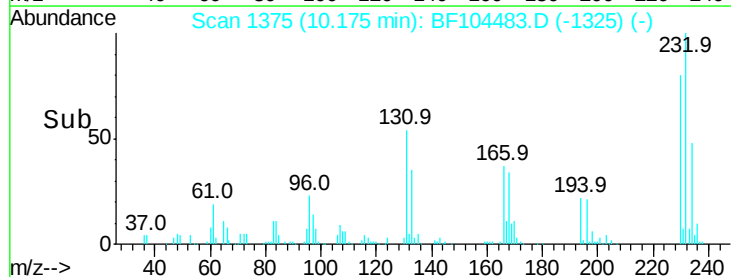
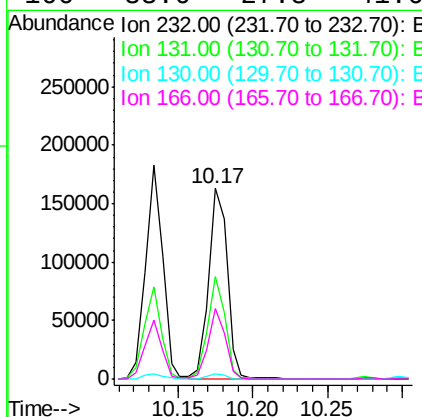
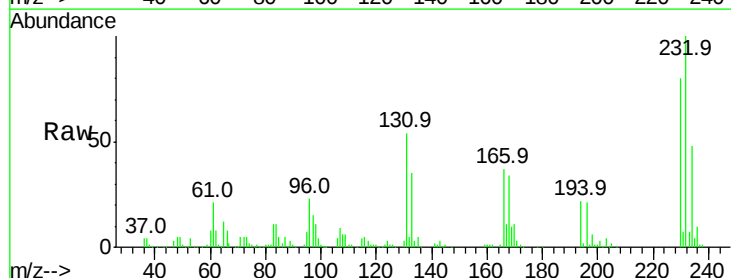
Instrument :
 BNA_F
 ClientSampleId :

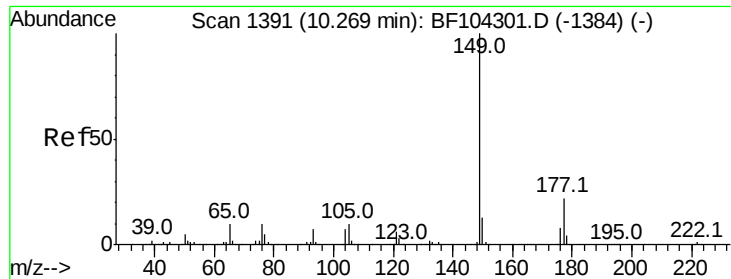
Tot Ion:166 Resp: 538929
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.658 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:232 Resp: 141328
 Ion Ratio Lower Upper
 232 100
 131 49.6 43.8 65.8
 130 2.4 2.1 3.1
 166 33.6 27.8 41.6

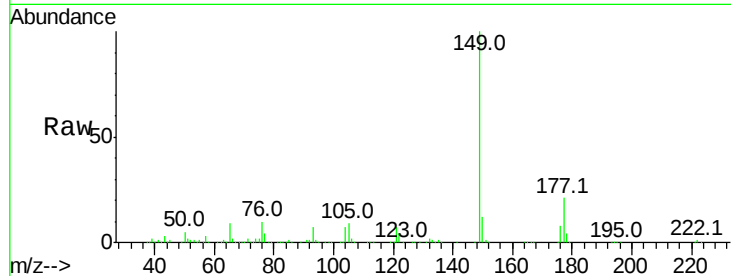




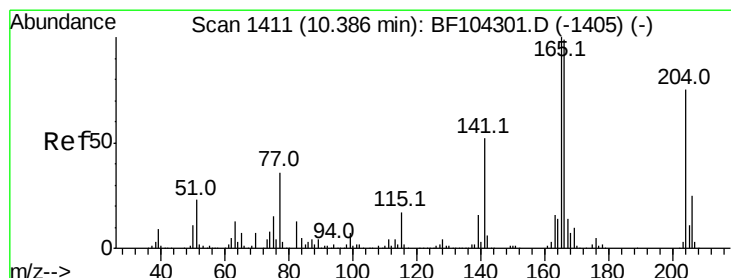
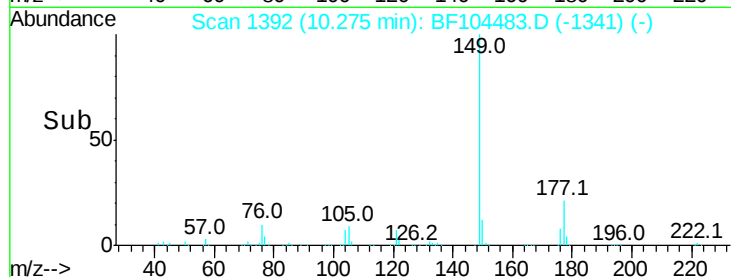
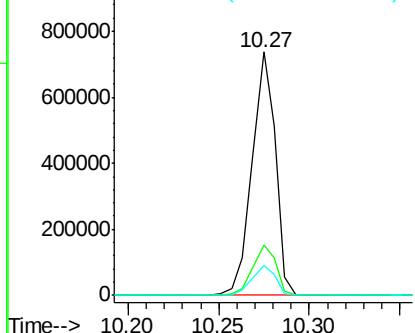
#59
Diethylphthalate
Concen: 34.201 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 660247
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.5 10.1 15.1

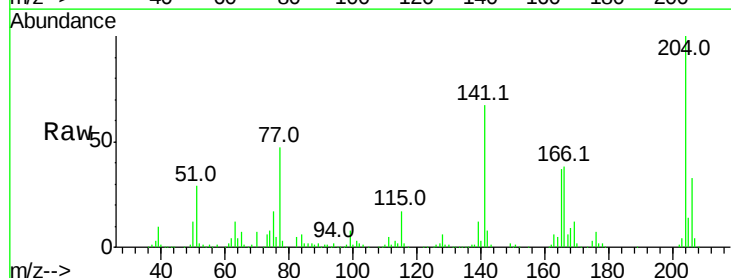


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

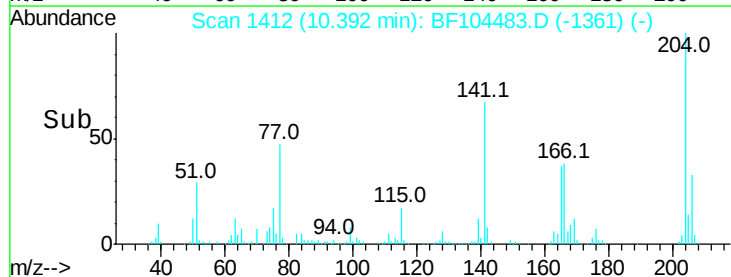
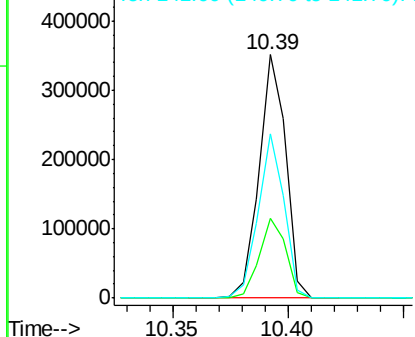


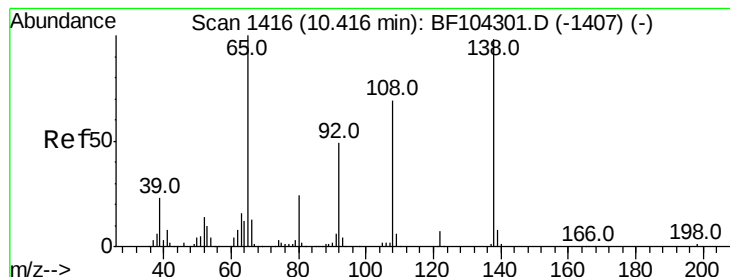
#60
4-Chlorophenyl-phenylether
Concen: 40.156 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:204 Resp: 283237
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.2 54.6 81.8



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





#61

4-Nitroaniline

Concen: 35.101 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

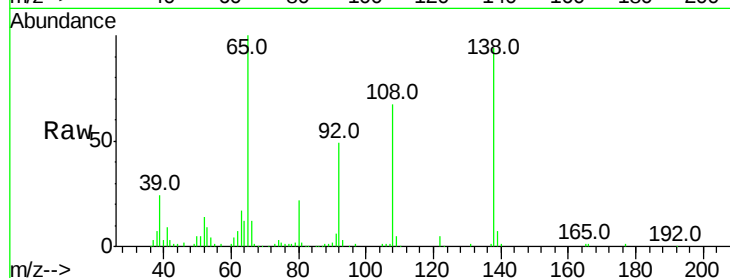
Tot Ion:138 Resp: 144112

Ion Ratio Lower Upper

138 100

92 51.4 30.2 70.2

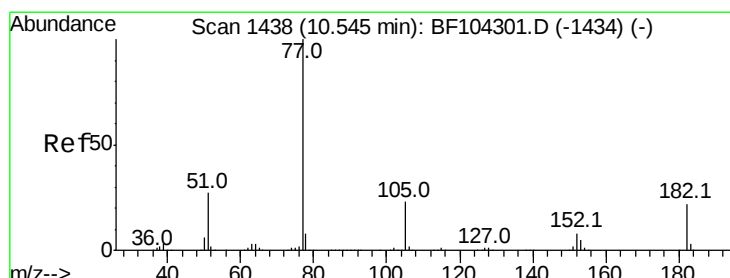
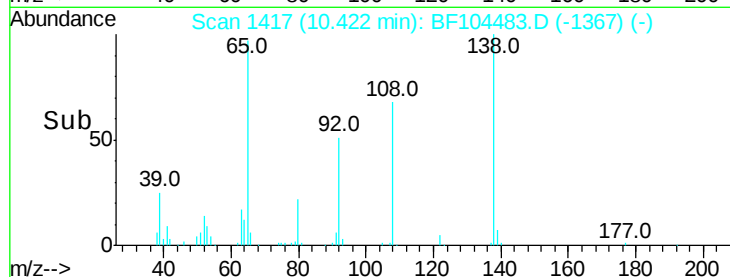
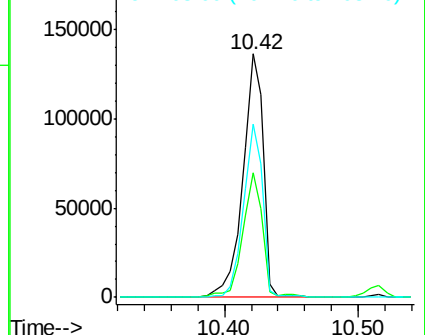
108 71.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.393 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Tgt Ion: 77 Resp: 615874

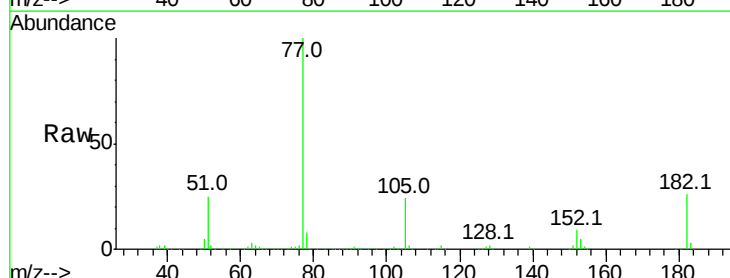
Ion Ratio Lower Upper

77 100

182 25.9 1.7 41.7

105 24.1 3.0 43.0

51 25.5 9.9 49.9

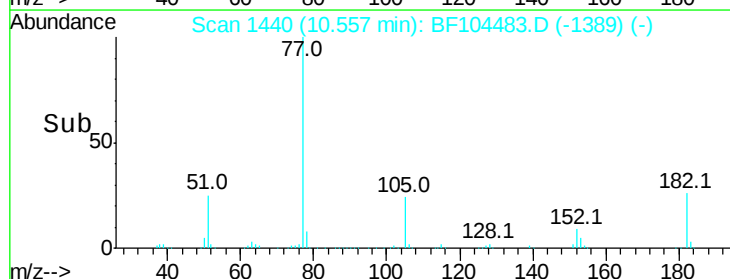
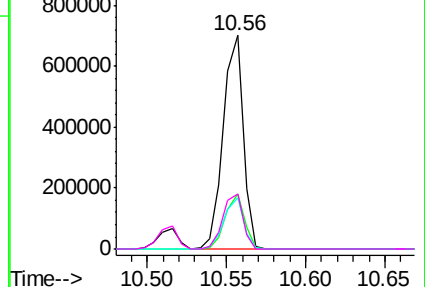


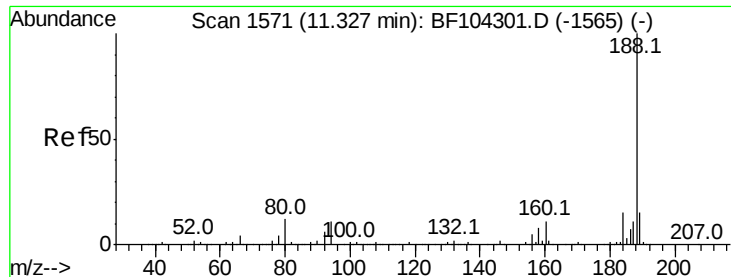
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

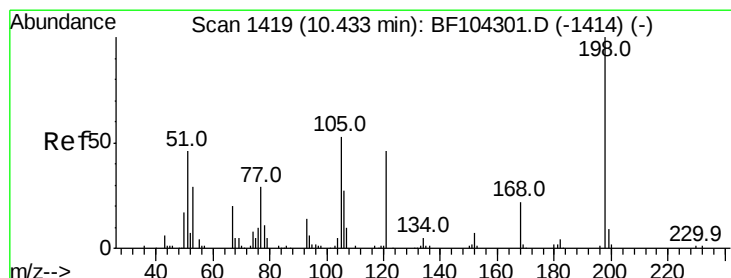
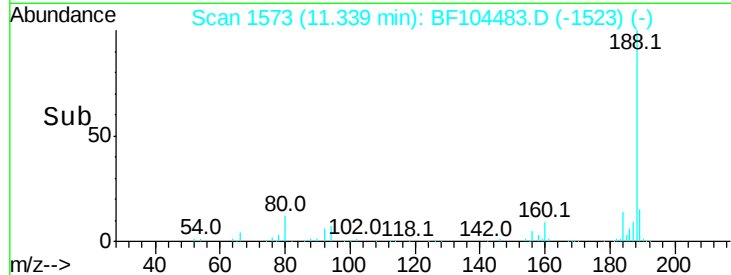
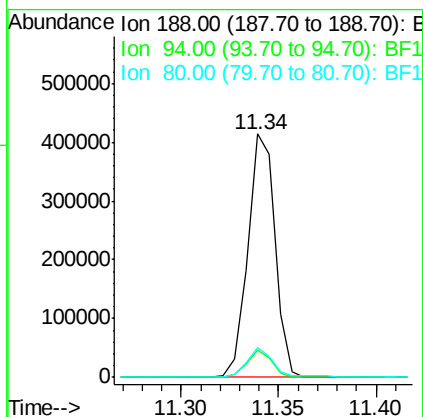
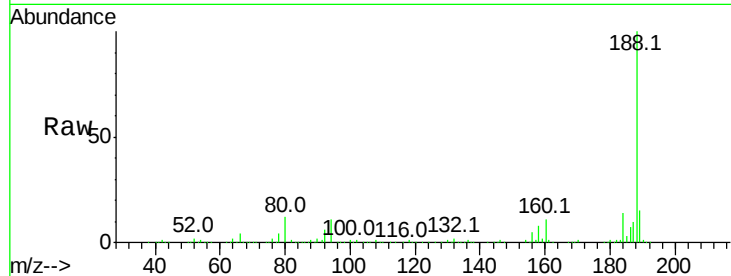




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

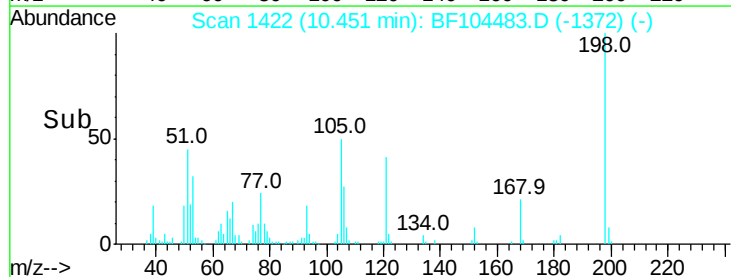
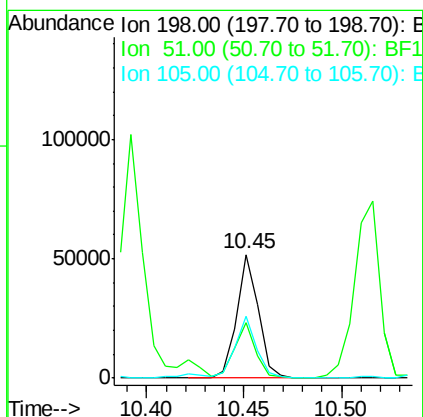
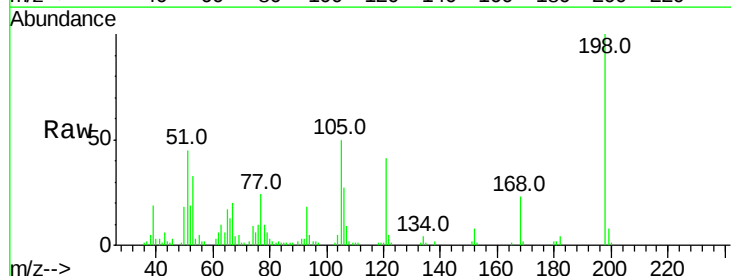
Instrument :
 BNA_F
 ClientSampleId :

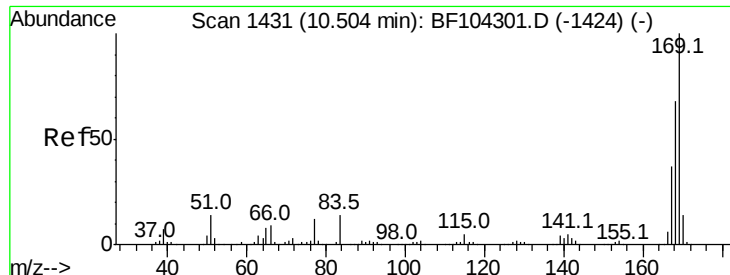
Tot Ion:188 Resp: 397655
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.871 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:198 Resp: 40071
 Ion Ratio Lower Upper
 198 100
 51 45.0 37.7 77.7
 105 49.6 36.3 76.3

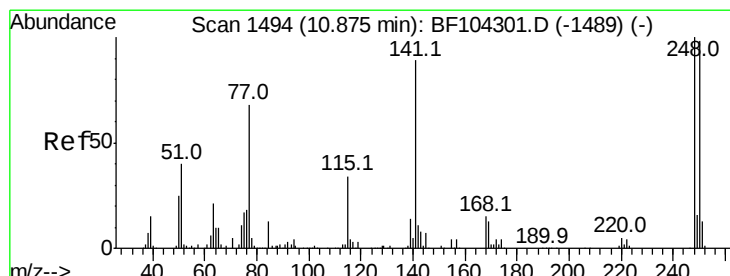
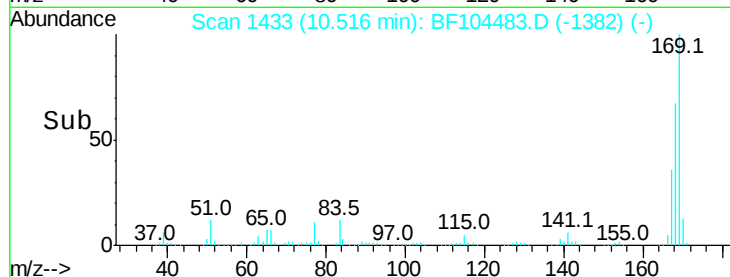
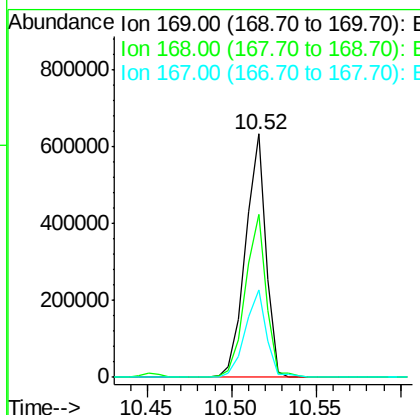
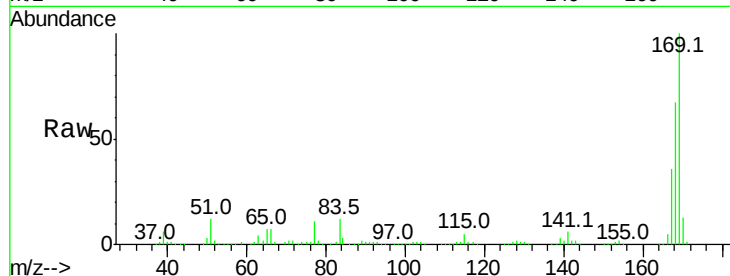




#65
 n-Nitrosodiphenylamine
 Concen: 38.946 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

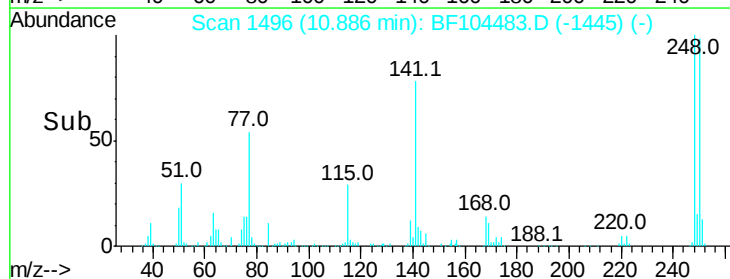
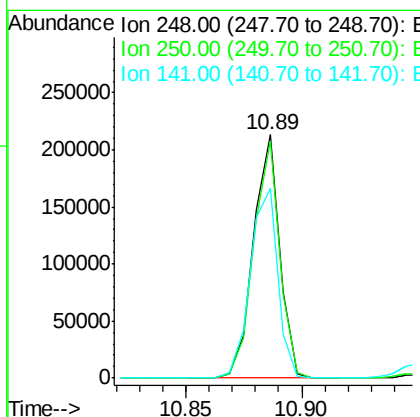
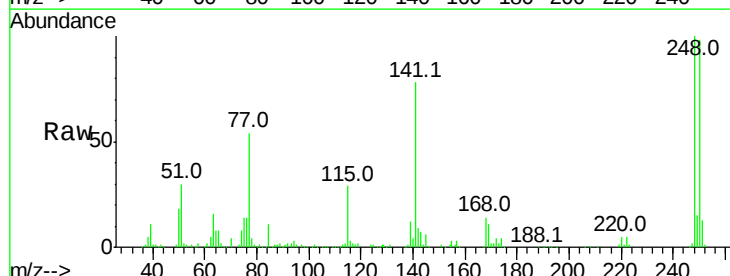
Instrument :
 BNA_F
 ClientSampleId :

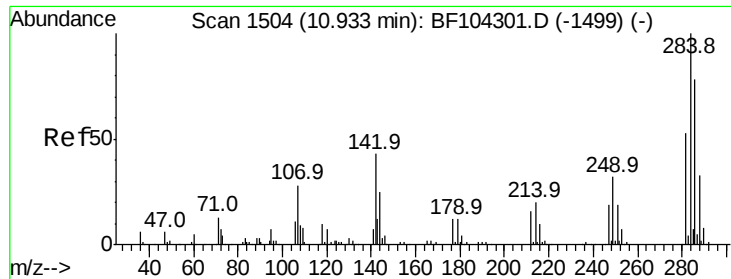
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.4	81.6
167	36.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.303 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	77.9	74.4	111.6

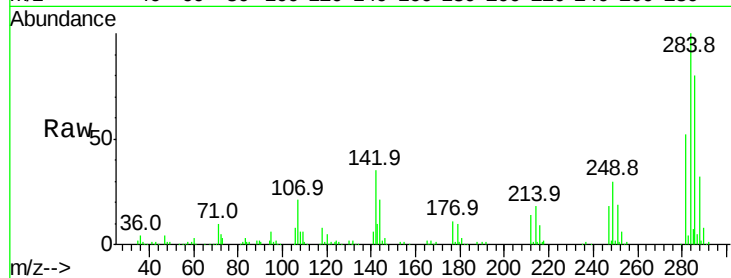




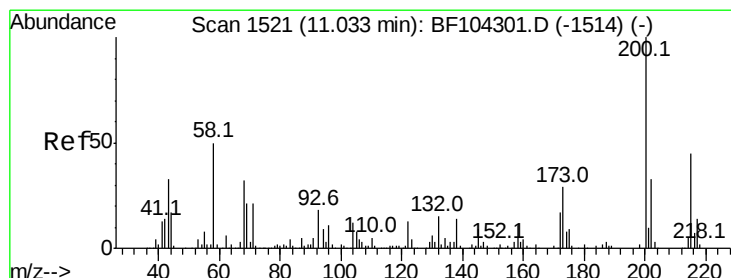
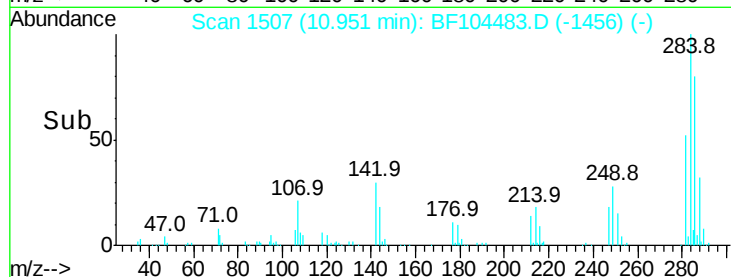
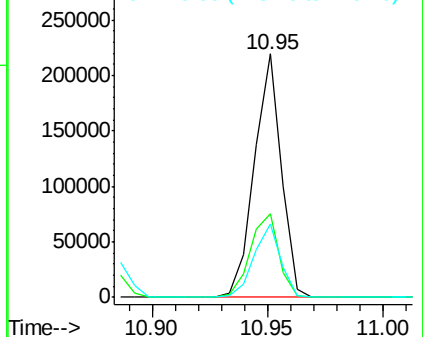
#67
Hexachlorobenzene
Concen: 37.616 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 179027
Ion Ratio Lower Upper
284 100
142 34.6 34.6 52.0#
249 29.9 24.8 37.2

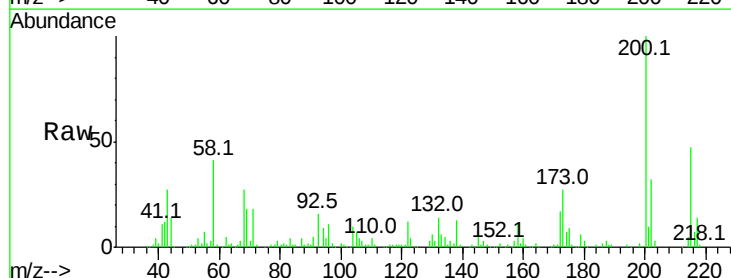


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

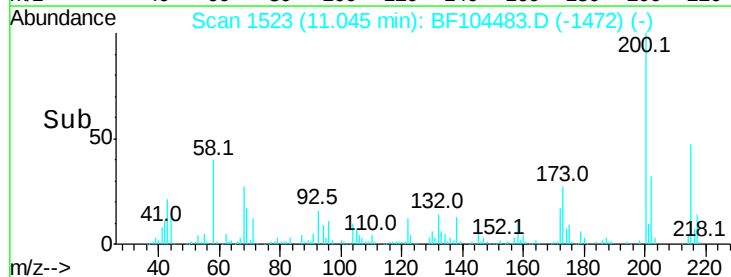
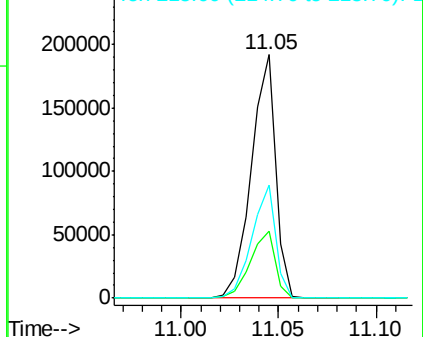


#68
Atrazine
Concen: 39.834 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:200 Resp: 165778
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.6 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

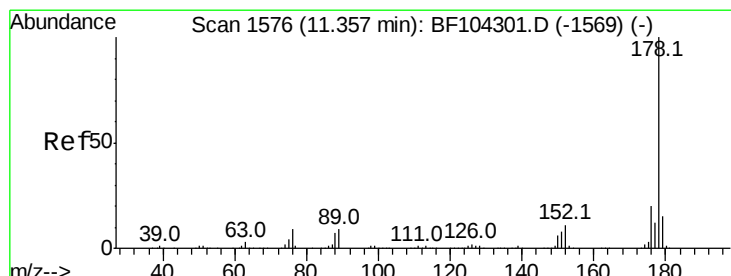
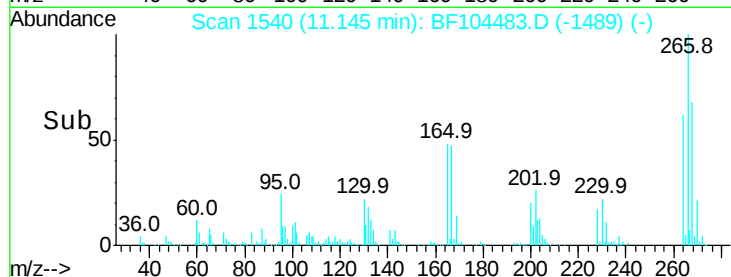
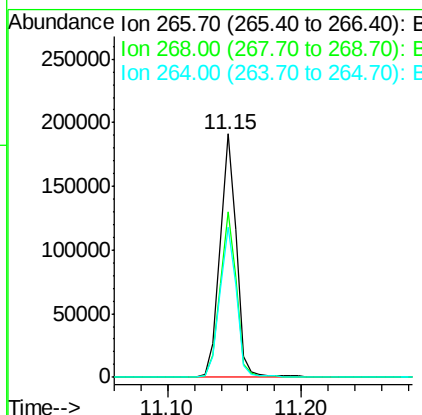
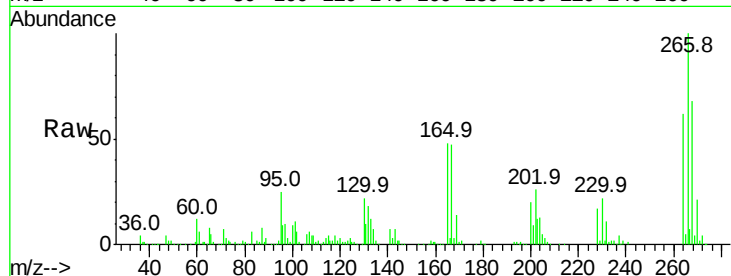




#69
 Pentachlorophenol
 Concen: 56.977 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

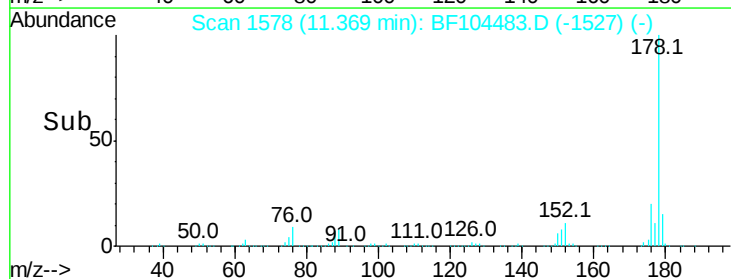
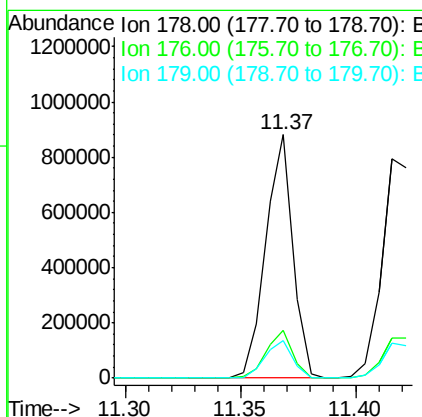
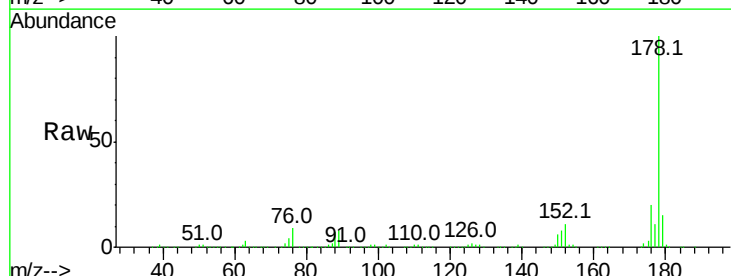
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 167762
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 32.534 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:178 Resp: 720466
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 13.0 19.6

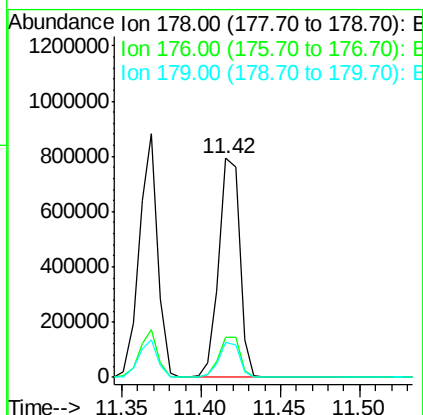
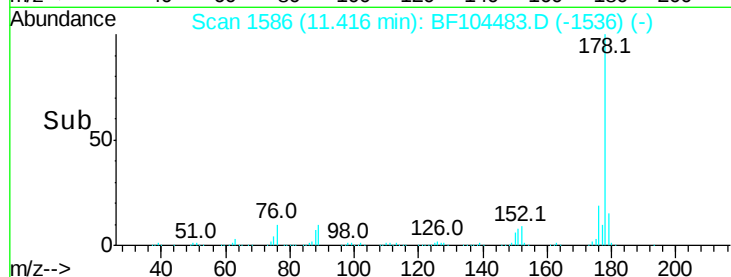
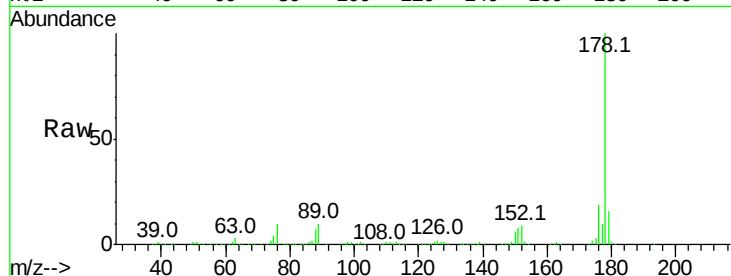




#71
 Anthracene
 Concen: 32.459 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

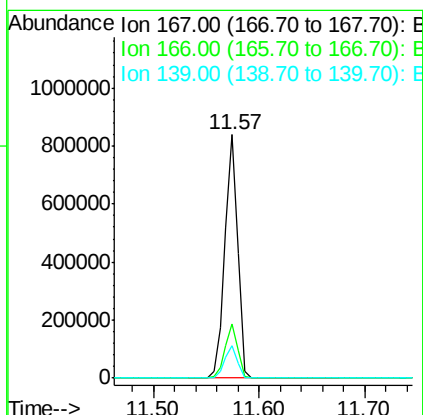
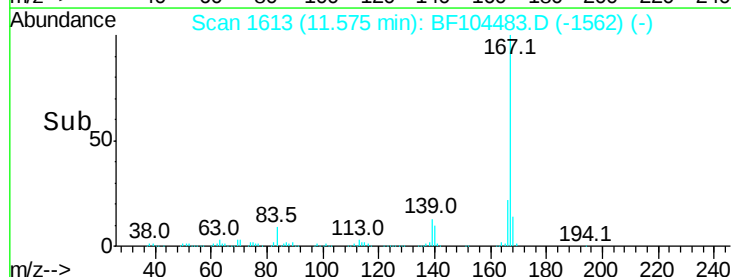
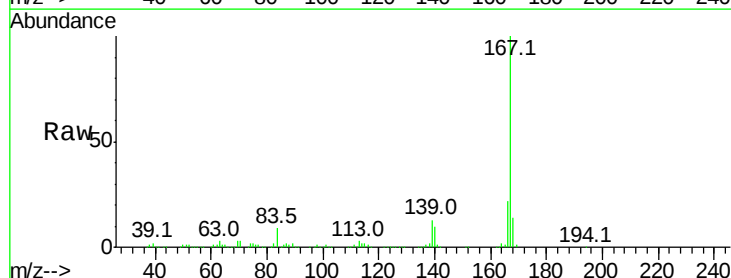
Instrument :
 BNA_F
 ClientSampleId :

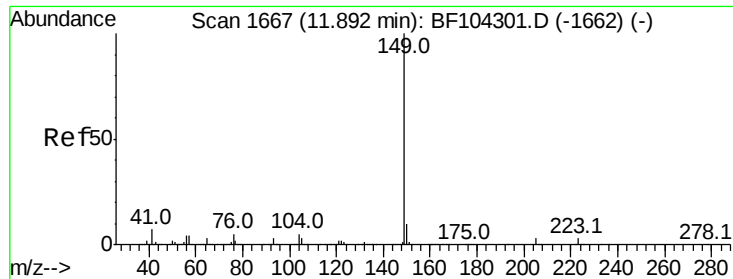
Tot Ion:178 Resp: 730676
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 32.390 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion:167 Resp: 712477
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.752 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

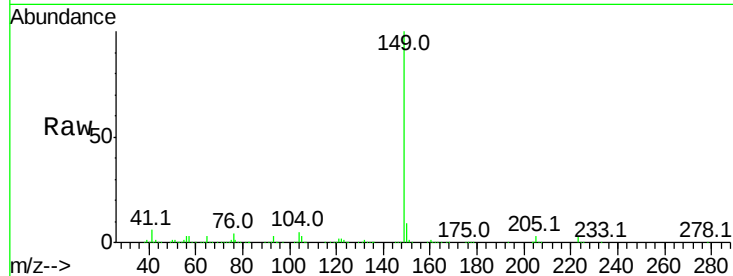
Tot Ion:149 Resp: 933802

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

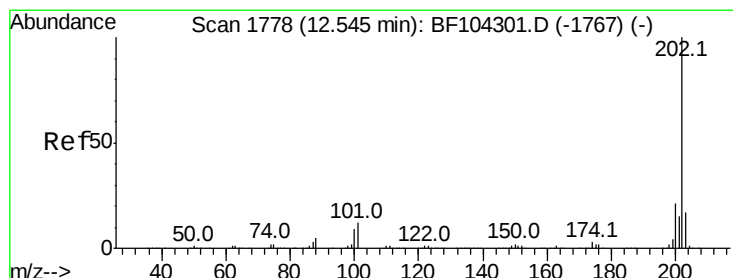
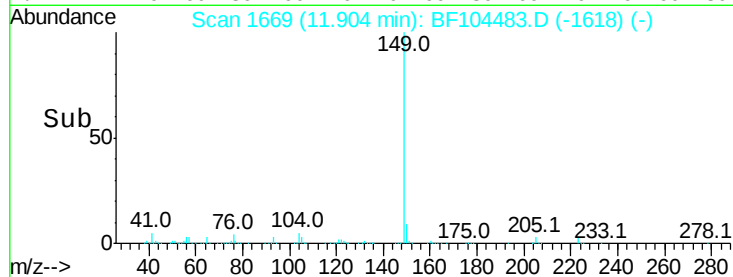
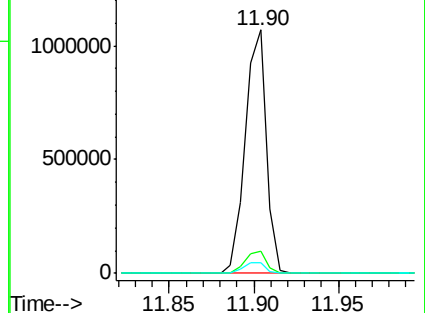
104 4.6 3.8 5.8



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: 28.068 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

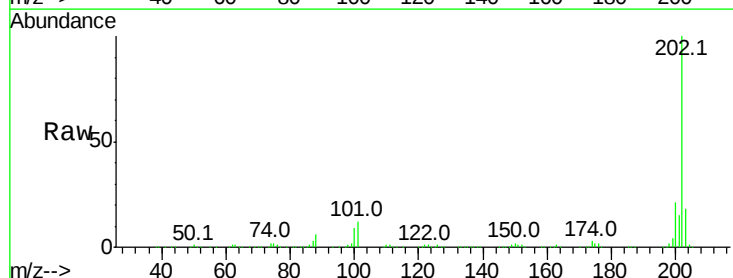
Tgt Ion:202 Resp: 649428

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

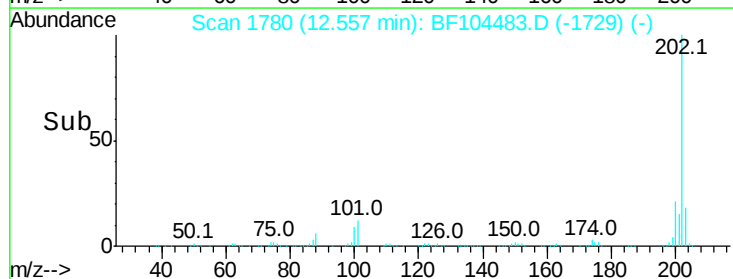
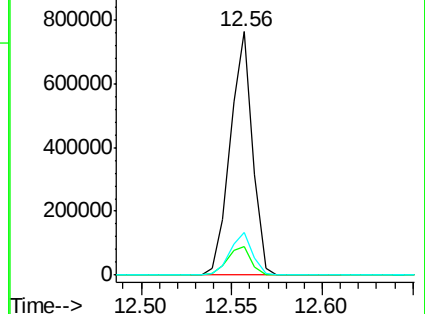
203 17.7 0.0 38.1

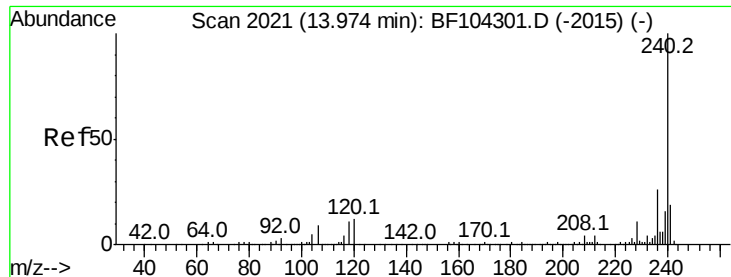


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

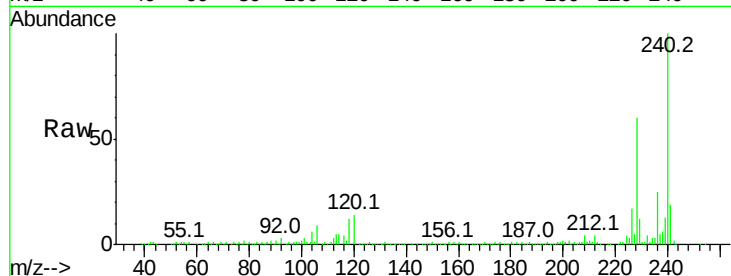
Tot Ion:240 Resp: 247774

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

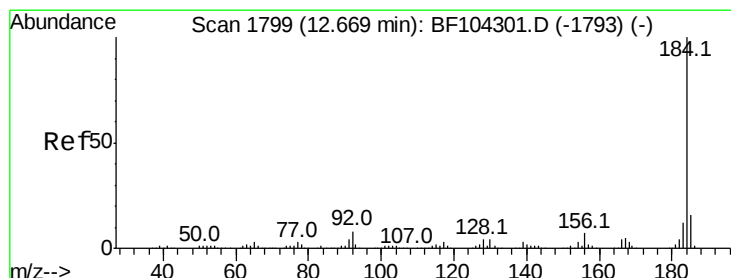
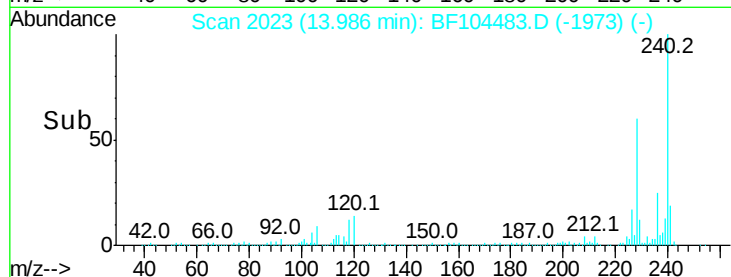
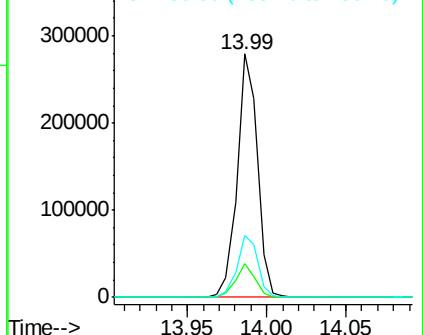
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 55.744 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

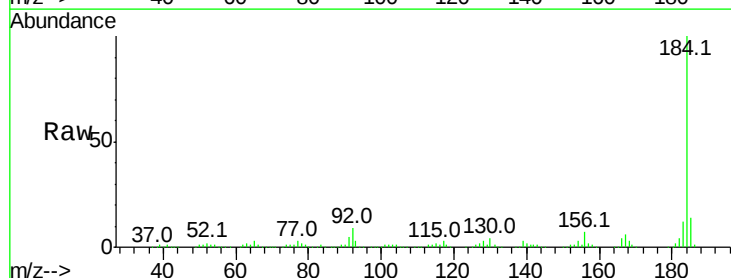
Tgt Ion:184 Resp: 421292

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

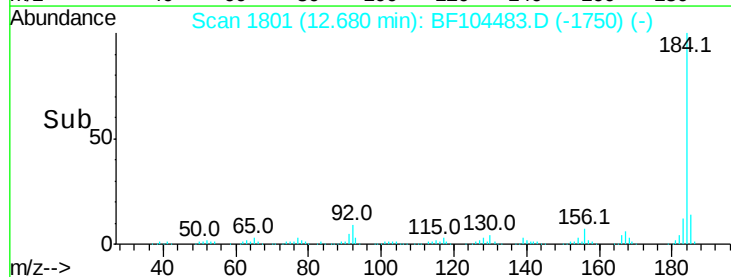
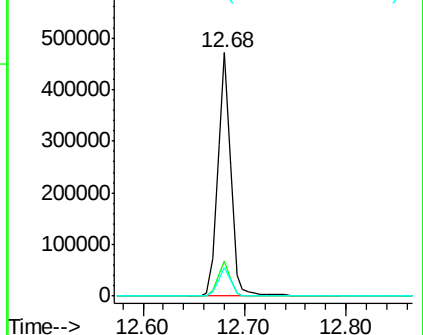
183 11.7 9.3 13.9

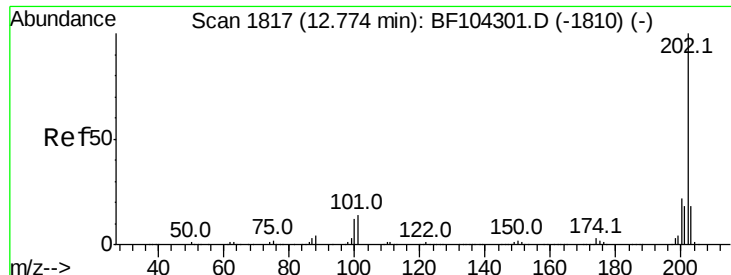


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

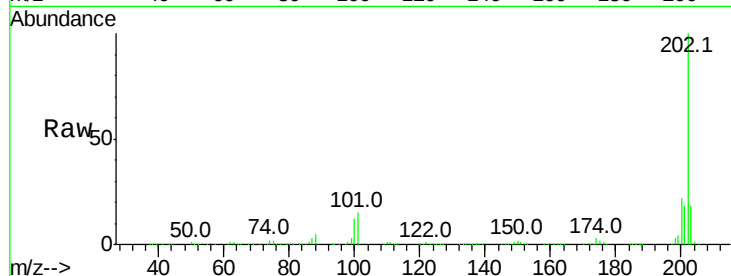




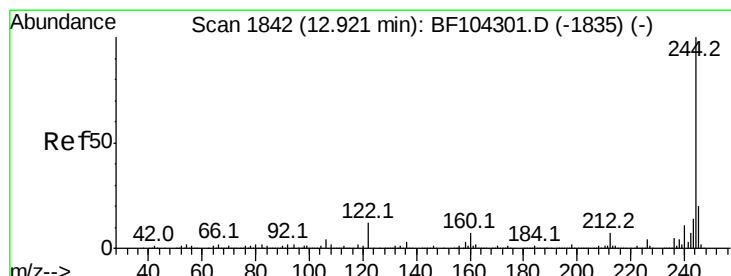
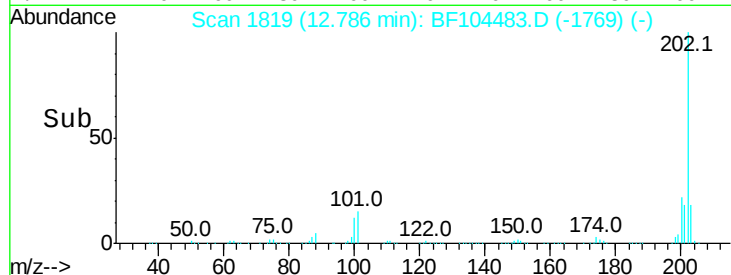
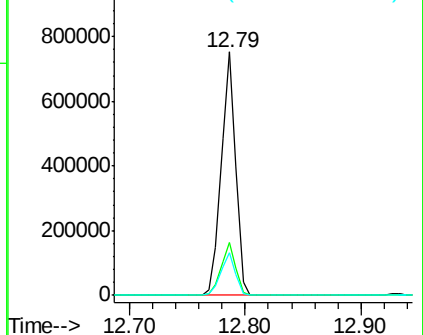
#77
Pvrene
Concen: 35.521 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 652380
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.3 21.5

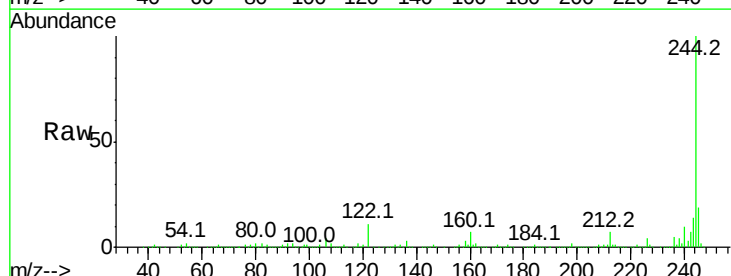


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

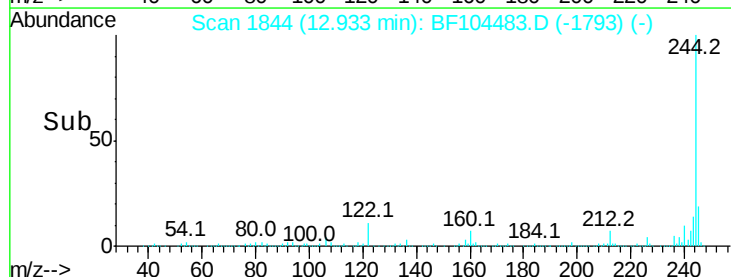
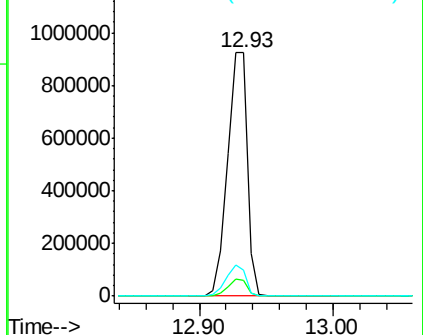


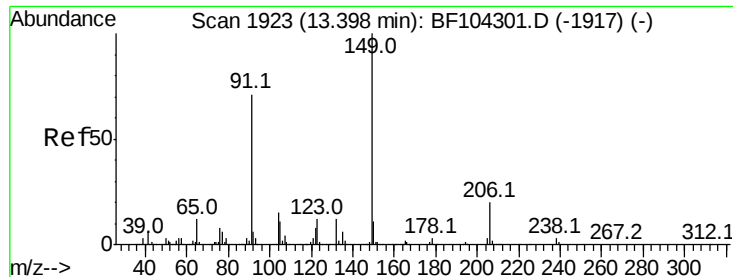
#78
Terphenyl-d14
Concen: 89.929 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:244 Resp: 977361
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.7 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

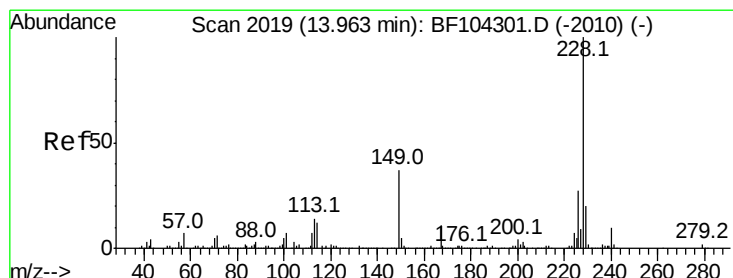
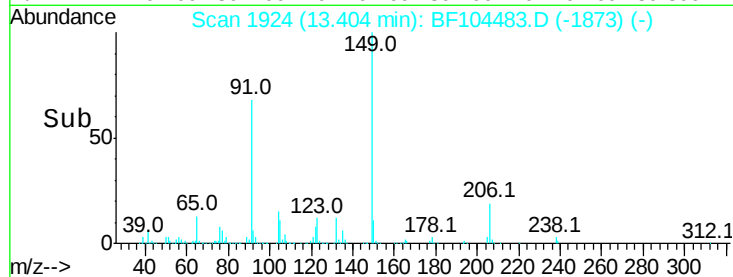
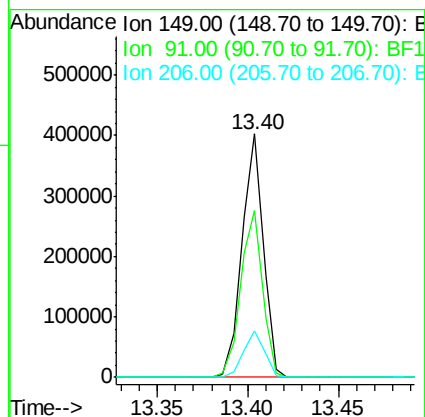
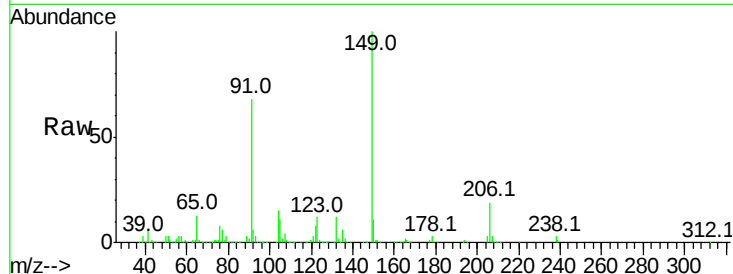




#79
Butylbenzylphthalate
Concen: 38.014 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

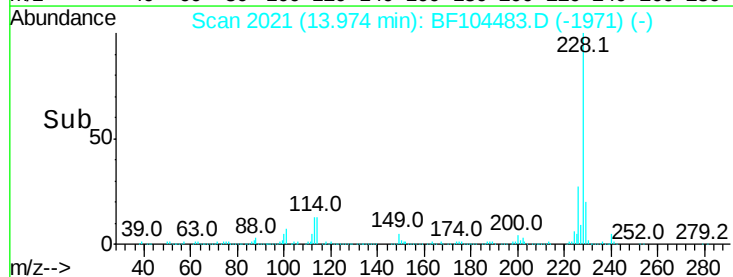
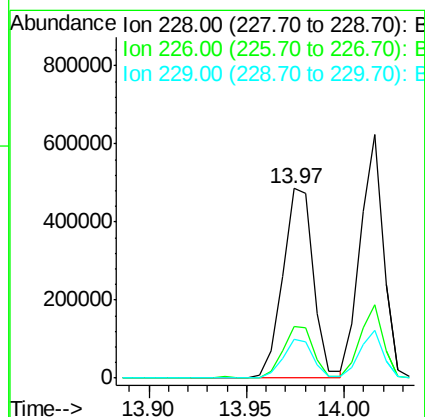
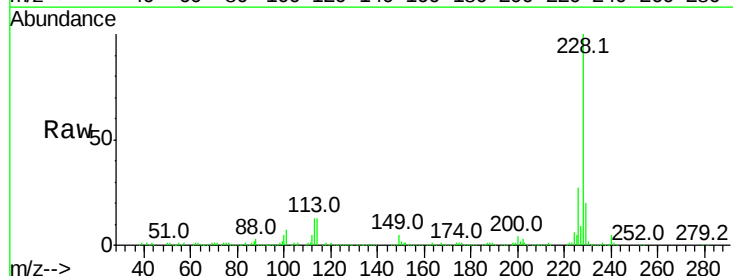
Instrument :
BNA_F
ClientSampleId :

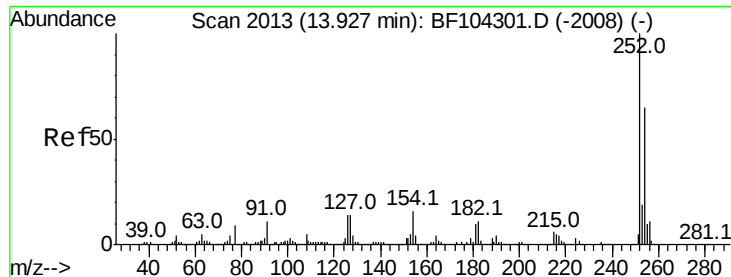
Tot Ion:149 Resp: 328912
Ion Ratio Lower Upper
149 100
91 68.4 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.793 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:228 Resp: 529811
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.2 15.8 23.6

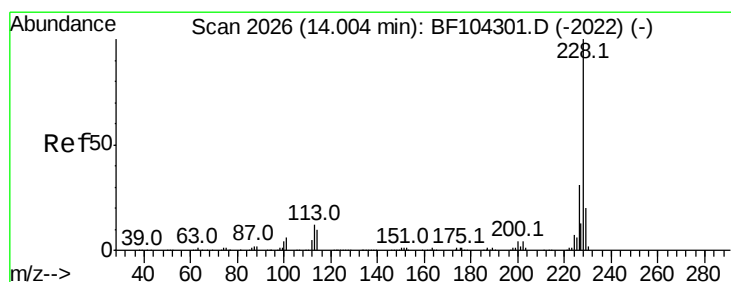
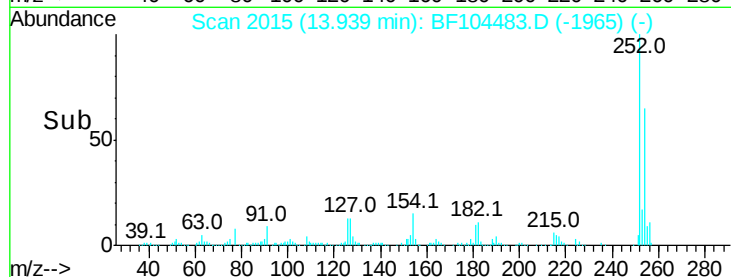
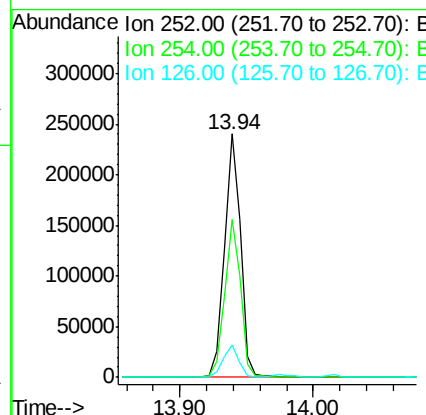
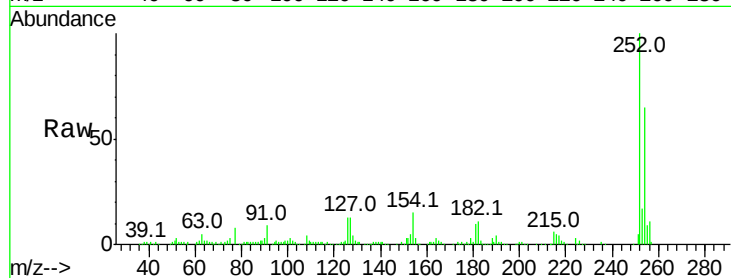




#81
 3,3'-Dichlorobenzidine
 Concen: 37.184 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

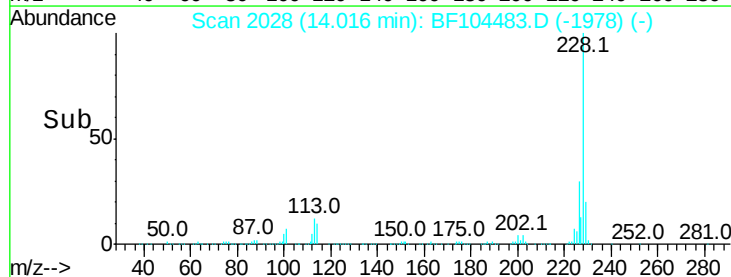
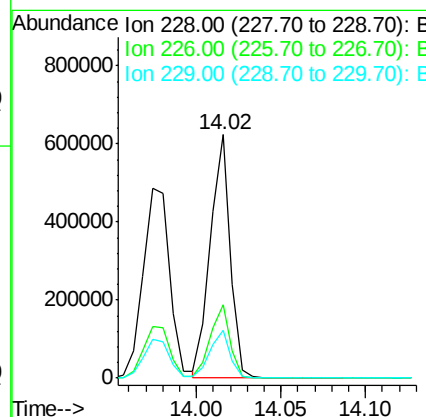
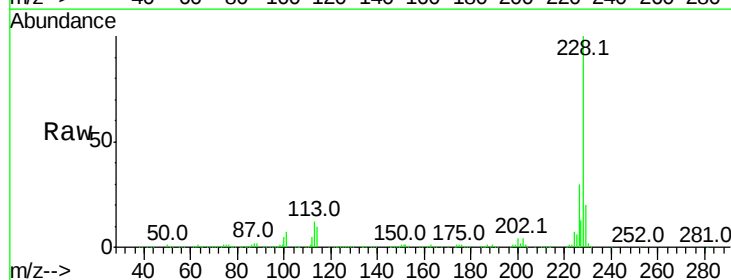
Instrument :
 BNA_F
 ClientSampleId :

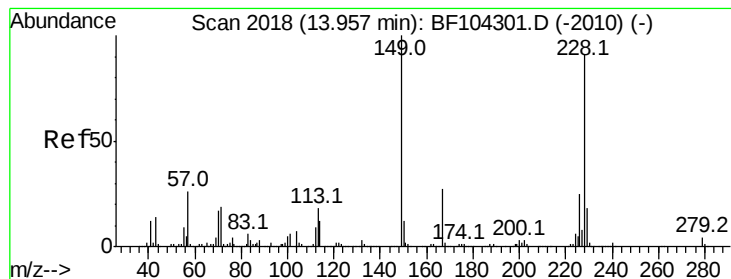
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.4	11.3	16.9



#82
 Chrysene
 Concen: 33.901 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.649 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

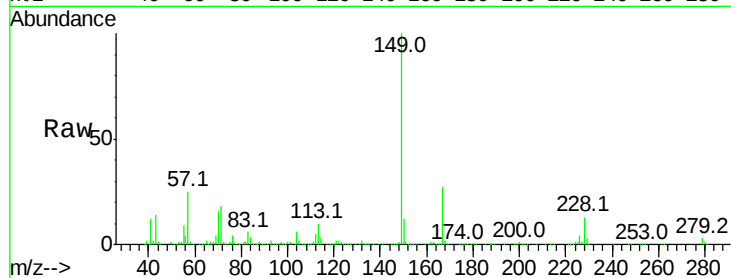
Tot Ion:149 Resp: 441262

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

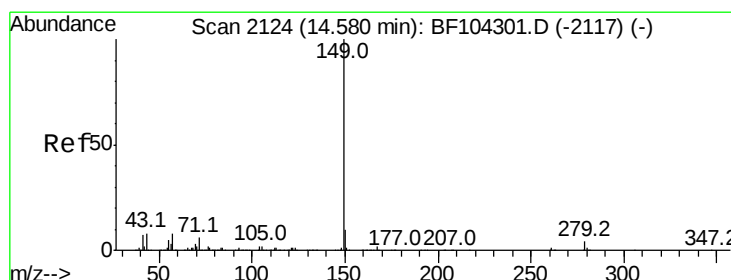
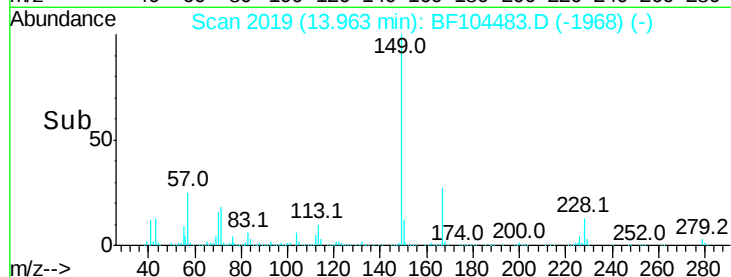
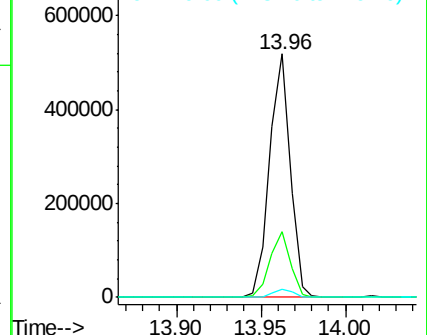
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.692 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

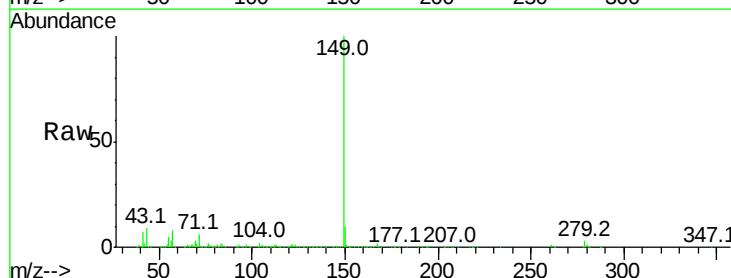
Tgt Ion:149 Resp: 700922

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

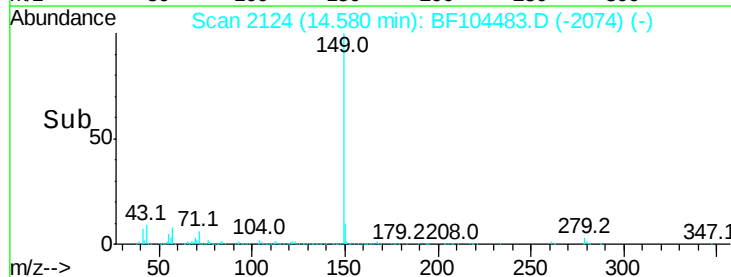
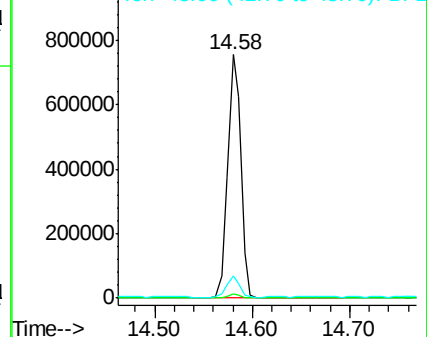
43 8.4 8.4 12.6#

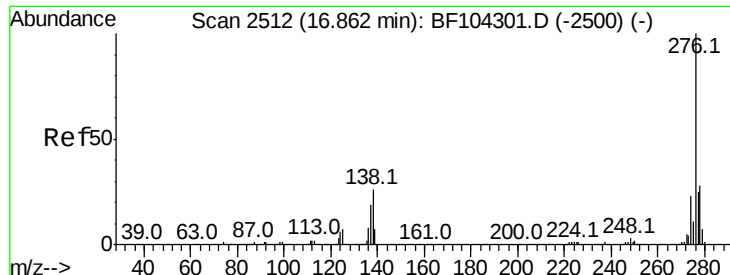


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

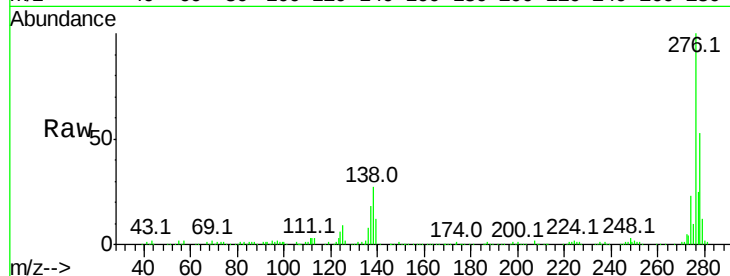




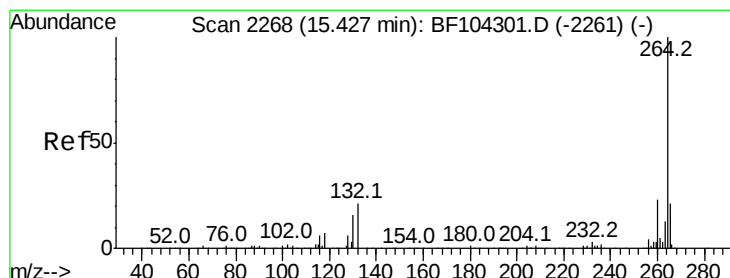
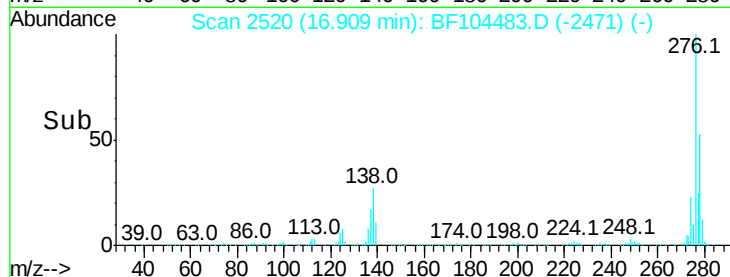
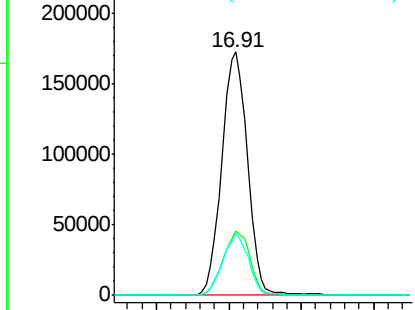
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.126 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.2	20.1	30.1

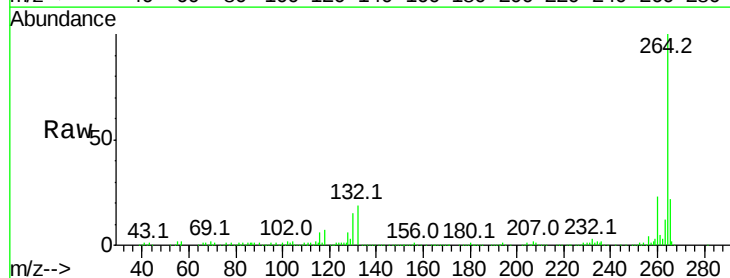


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

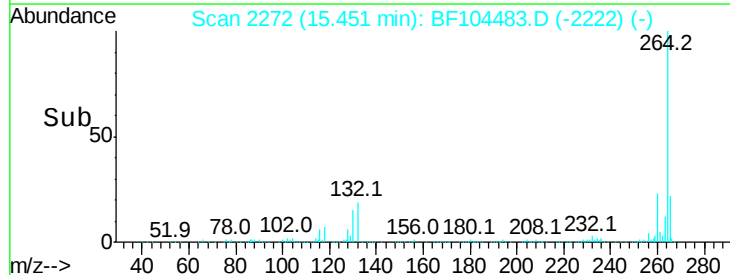
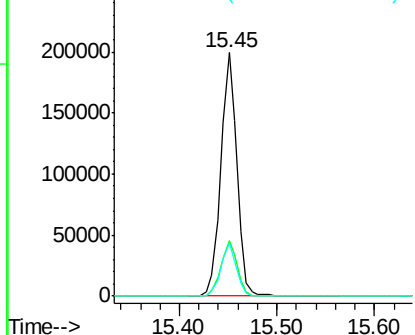


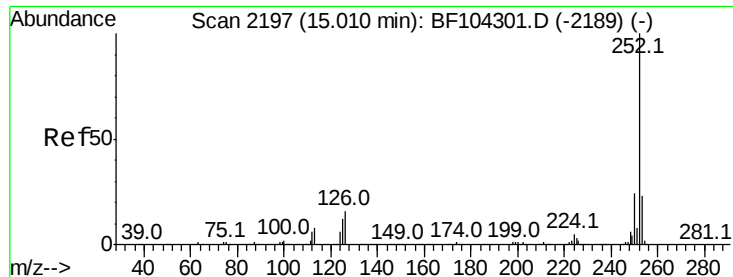
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104483.D
 Acq: 13 Apr 2018 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

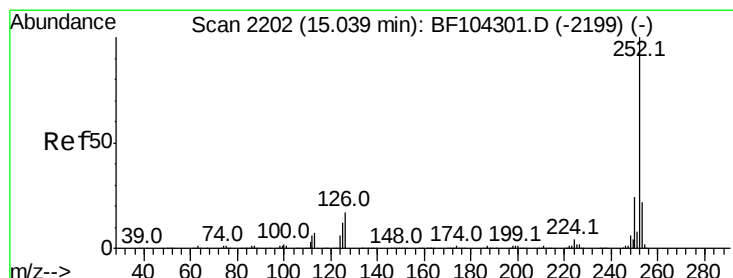
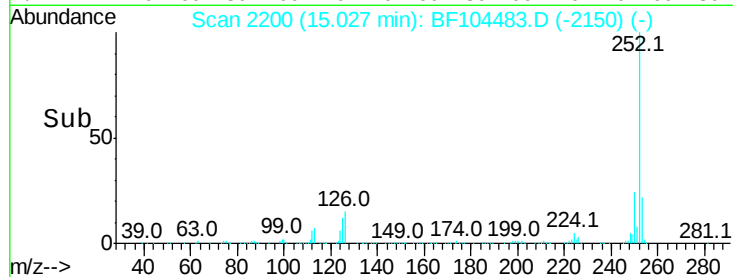
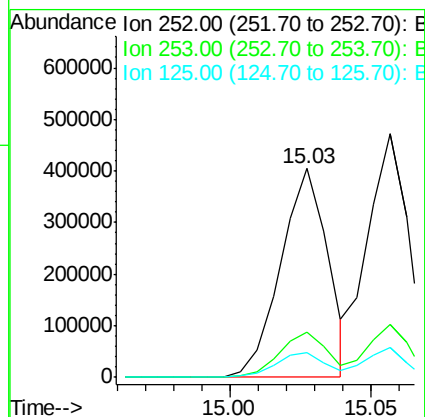
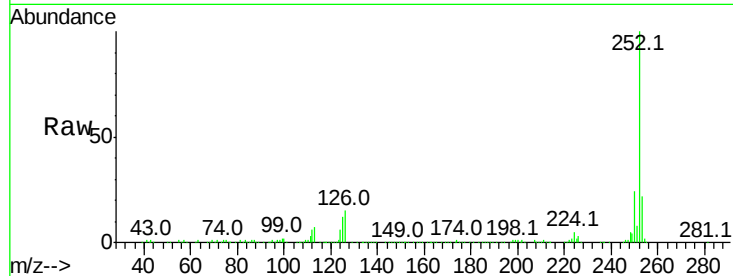




#87
Benzo(b)fluoranthene
Concen: 32.796 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

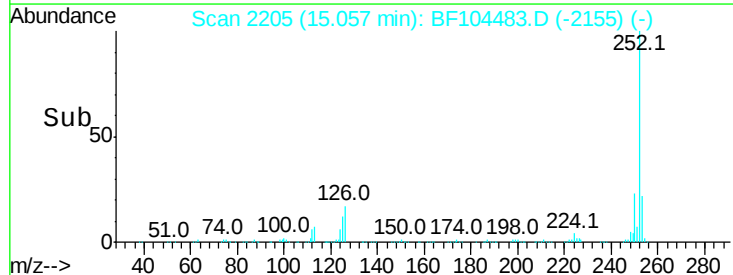
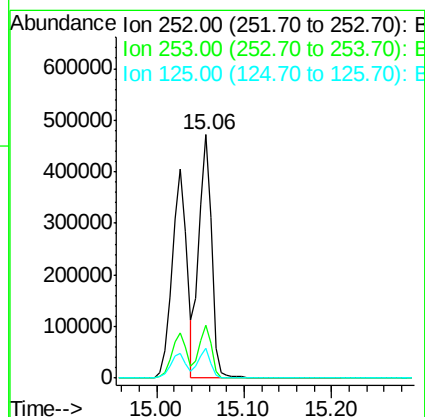
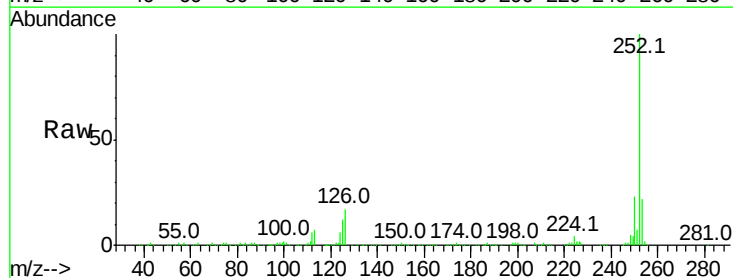
Instrument :
BNA_F
ClientSampleId :

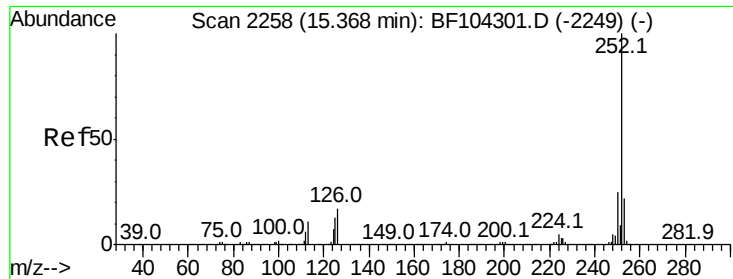
Tot Ion:252 Resp: 469706
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.660 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104483.D
Acq: 13 Apr 2018 17:21

Tgt Ion:252 Resp: 482169
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.964 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104483.D

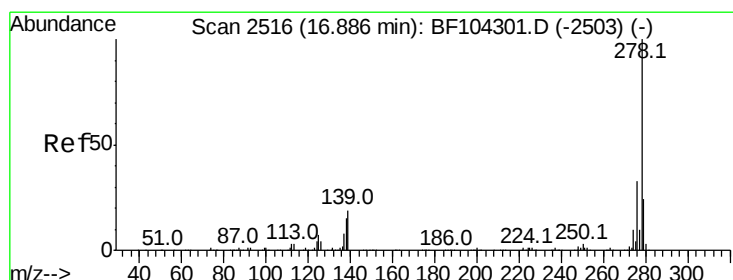
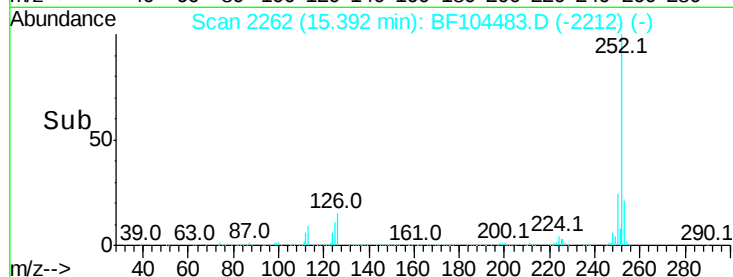
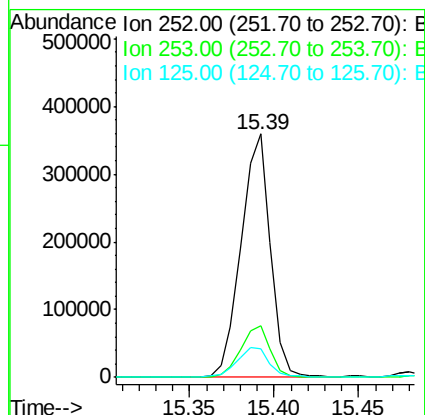
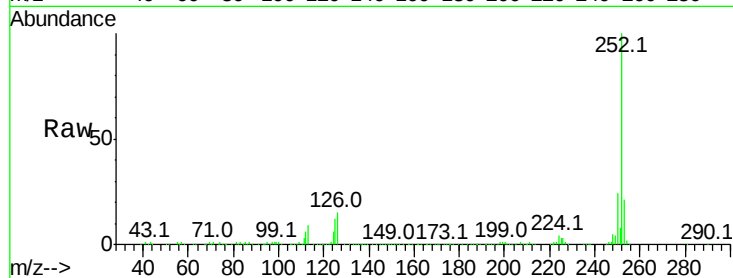
Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	435229
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.1 25.7
125	11.7	9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 34.421 ng

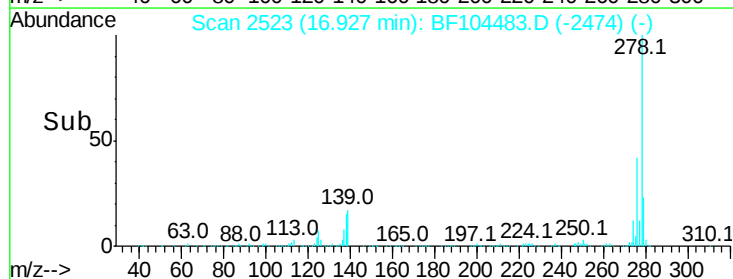
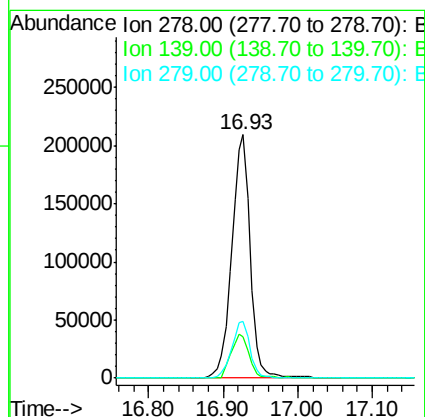
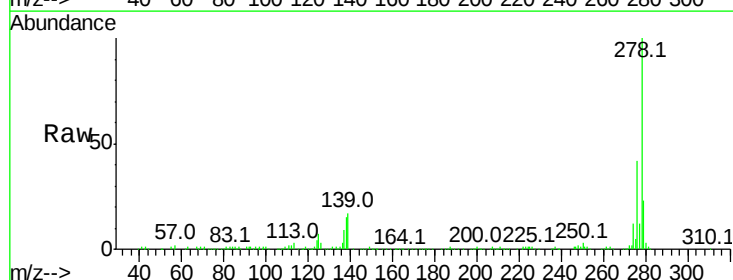
RT: 16.93 min Scan# 2523

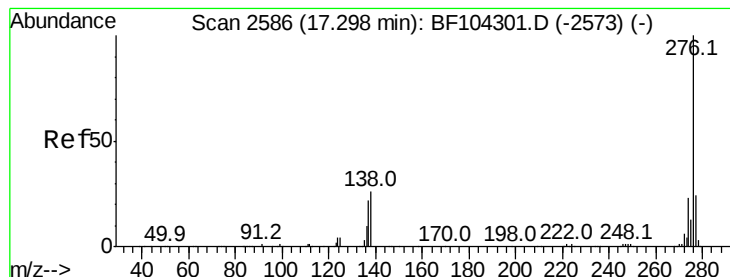
Delta R.T. -0.01 min

Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Tgt Ion:278	Resp:	362263
Ion Ratio	Lower	Upper
278	100	
139	17.0	15.9 23.9
279	23.4	19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 32.953 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

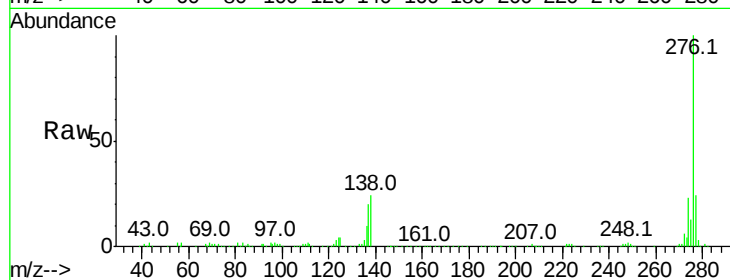
Lab File: BF104483.D

Acq: 13 Apr 2018 17:21

Instrument :

BNA_F

ClientSampleId :



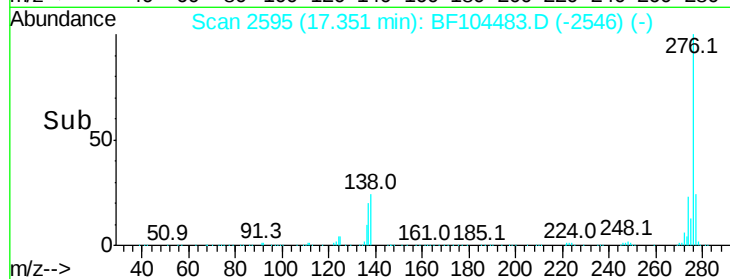
Tot Ion:276 Resp: 336004

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 24.5 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

