

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104454.D
 Acq On : 12 Apr 2018 16:42
 Operator : JU/SJ
 Sample : J2335-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 17:34:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128655	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	521071	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	222887	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	322236	20.00	ng	0.00
75) Chrysene-d12	14.00	240	220517	20.00	ng	0.00
86) Perylene-d12	15.46	264	213038	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1116607	132.71	ng	0.02
7) Phenol-d6	6.46	99	1377864	133.28	ng	0.01
23) Nitrobenzene-d5	7.38	82	851201	106.67	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	283297	122.53	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1292113	91.58	ng	0.00
78) Terphenyl-d14	12.94	244	861792	89.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	154909	39.512	ng	89
3) Pyridine	3.33	79	461645	41.880	ng	85
4) n-Nitrosodimethylamine	3.29	42	168479	43.724	ng	80
6) Aniline	6.47	93	374681	26.087	ng	# 44
8) 2-Chlorophenol	6.60	128	424206	47.767	ng	93
9) Benzaldehyde	6.36	77	212918	41.078	ng	96
10) Phenol	6.47	94	534729	48.749	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	425455	48.604	ng	98
12) 1,3-Dichlorobenzene	6.75	146	454642	45.189	ng	98
13) 1,4-Dichlorobenzene	6.83	146	451844	45.054	ng	98
14) 1,2-Dichlorobenzene	6.99	146	417299	44.901	ng	98
15) Benzyl Alcohol	6.96	79	363086	46.241	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	521662	44.376	ng	89
17) 2-Methylphenol	7.07	107	353408	45.780	ng	98
18) Hexachloroethane	7.32	117	154353	43.166	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	289246	42.816	ng	92
20) 3+4-Methylphenols	7.22	107	413899	43.231	ng	# 72
22) Acetophenone	7.23	105	563753	43.945	ng	96
24) Nitrobenzene	7.40	77	441304	50.089	ng	99
25) Isophorone	7.64	82	733927	43.493	ng	99
26) 2-Nitrophenol	7.72	139	237569	66.236	ng	91
27) 2,4-Dimethylphenol	7.75	122	337552	45.325	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	499900	48.453	ng	99
29) 2,4-Dichlorophenol	7.96	162	342949	48.263	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	361014	46.294	ng	98
31) Naphthalene	8.12	128	1132670	43.654	ng	100
32) Benzoic acid	7.85	122	68841	11.585	ng	98
33) 4-Chloroaniline	8.17	127	169576	15.255	ng	97
34) Hexachlorobutadiene	8.23	225	201067	47.072	ng	98
35) Caprolactam	8.55	113	85245	34.389	ng	88
36) 4-Chloro-3-methylphenol	8.66	107	374635	49.169	ng	99
37) 2-Methylnaphthalene	8.81	142	711733	42.407	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316551	49.614	ng	99
40) Hexachlorocyclopentadiene	8.96	237	130177	36.445	ng	97

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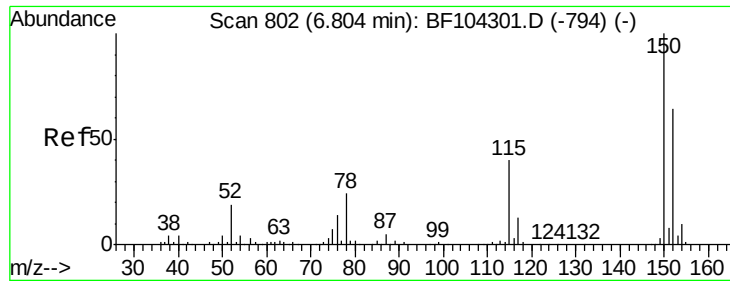
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 17:34:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.09	196	238756	53.906	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	239224	48.266	nq	96
45) 1,1'-Biphenyl	9.27	154	894632	47.780	nq	99
46) 2-Chloronaphthalene	9.30	162	704091	47.607	nq	98
47) 2-Nitroaniline	9.40	65	220015	60.155	nq	98
48) Acenaphthylene	9.72	152	1004091	43.271	nq	100
49) Dimethylphthalate	9.58	163	906035	51.548	nq	100
50) 2,6-Dinitrotoluene	9.65	165	183532	56.431	nq	# 86
51) Acenaphthene	9.89	154	617751	43.633	nq	100
52) 3-Nitroaniline	9.81	138	130459	34.264	nq	100
53) 2,4-Dinitrophenol	9.92	184	48481	46.044	nq	# 21
54) Dibenzofuran	10.06	168	882610	44.733	nq	99
55) 4-Nitrophenol	9.98	139	287824	96.233	nq	89
56) 2,4-Dinitrotoluene	10.05	165	223418	52.371	nq	# 98
57) Fluorene	10.40	166	607067	42.271	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	167651	45.340	nq	# 96
59) Diethylphthalate	10.28	149	768270	43.889	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	313066	48.949	nq	96
61) 4-Nitroaniline	10.43	138	160326	43.065	nq	98
62) Azobenzene	10.56	77	698338	41.757	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	58335	38.829	nq	95
65) n-Nitrosodiphenylamine	10.52	169	613061	54.871	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	189305	55.230	nq	98
67) Hexachlorobenzene	10.95	284	196366	50.915	nq	96
68) Atrazine	11.05	200	180714	53.585	nq	98
69) Pentachlorophenol	11.15	266	201258	84.351	nq	97
70) Phenanthrene	11.37	178	815284	45.432	nq	99
71) Anthracene	11.42	178	790739	43.349	nq	99
72) Carbazole	11.58	167	771400	43.276	nq	99
73) Di-n-butylphthalate	11.91	149	988009	45.375	nq	99
74) Fluoranthene	12.57	202	738809	39.405	nq	98
76) Benzidine	12.69	184	335492	47.130	nq	97
77) Pyrene	12.80	202	735128	44.974	nq	100
79) Butylbenzylphthalate	13.41	149	346835	45.040	nq	99
80) Benzo(a)anthracene	13.99	228	646693	49.089	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	185354	37.735	nq	99
82) Chrysene	14.02	228	628070	46.415	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	478540	48.314	nq	99
84) Di-n-octyl phthalate	14.59	149	818848	49.477	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	583380	50.751	nq	97
87) Benzo(b)fluoranthene	15.04	252	601948	44.737	nq	97
88) Benzo(k)fluoranthene	15.07	252	579738	45.638	nq	99
89) Benzo(a)pyrene	15.40	252	559912	46.508	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	481675	48.715	nq	99
91) Benzo(g,h,i)perylene	17.36	276	469891	49.052	nq	97

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

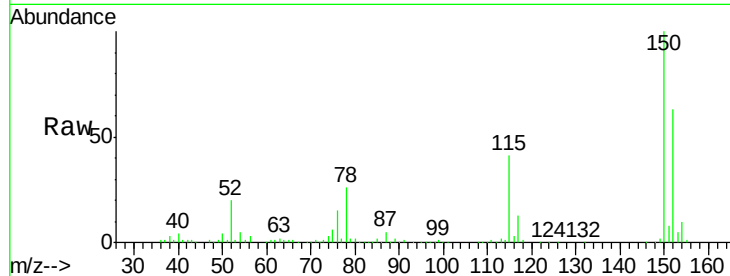


#1

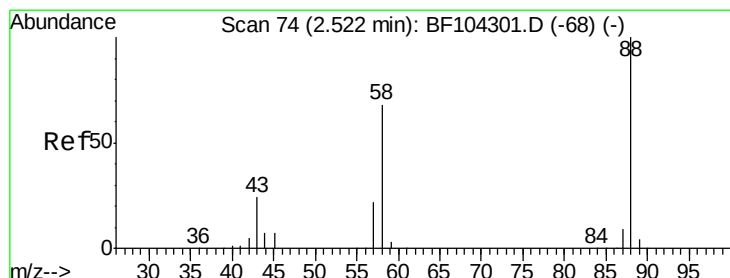
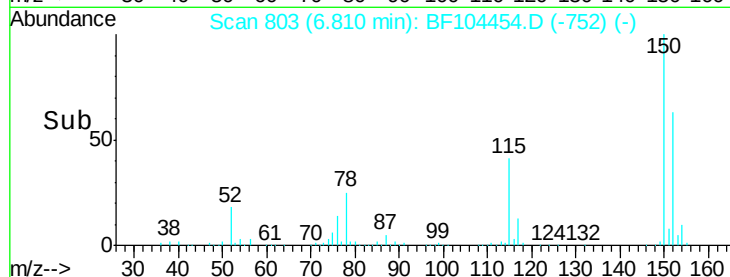
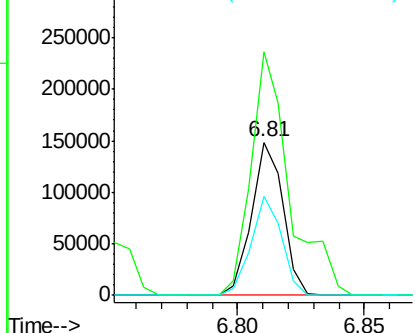
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128655
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 64.6 50.1 75.1



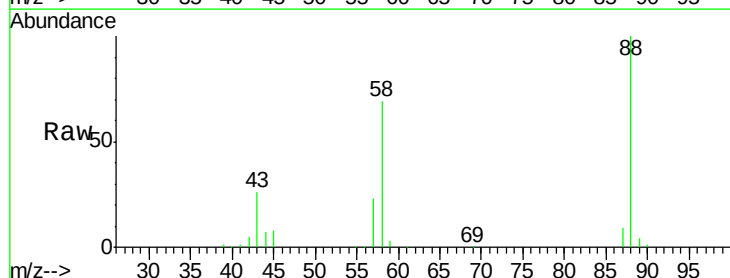
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



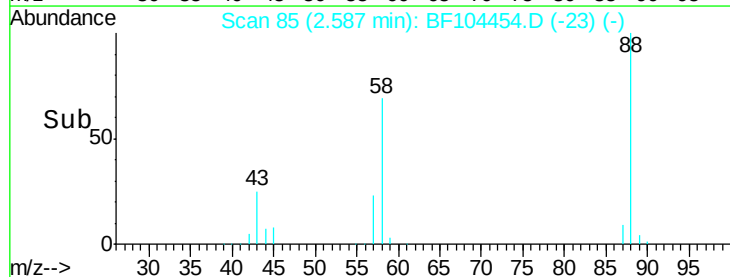
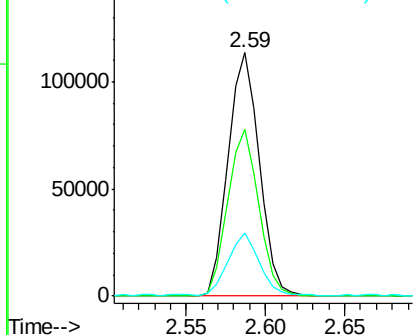
#2

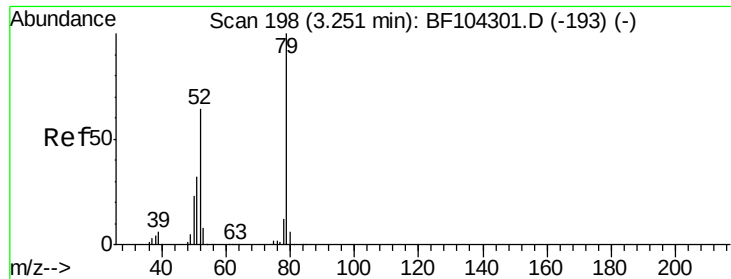
1,4-Dioxane
Concen: 39.512 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion: 88 Resp: 154909
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 25.1 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: 41.880 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.06 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

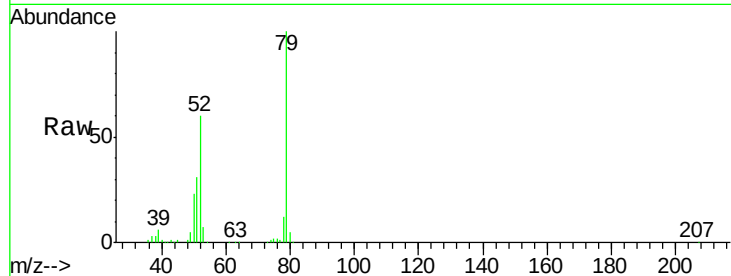
Tot Ion: 79 Resp: 461645

Ion Ratio Lower Upper

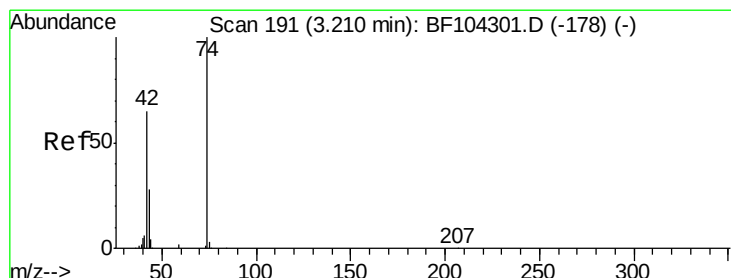
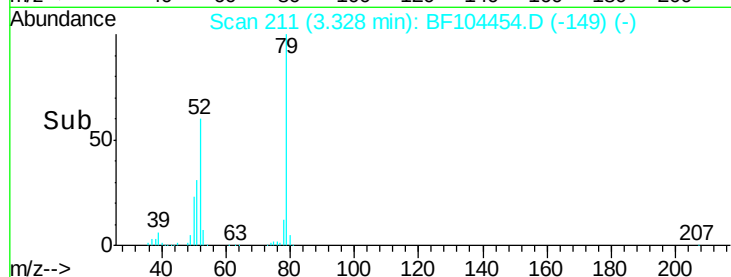
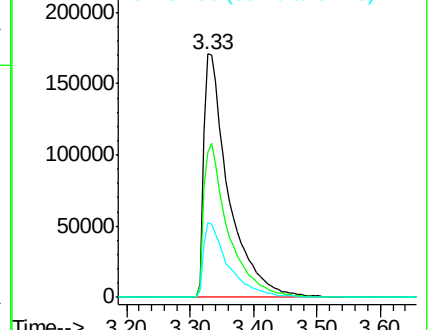
79 100

52 59.8 59.8 89.6

51 30.6 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: 43.724 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

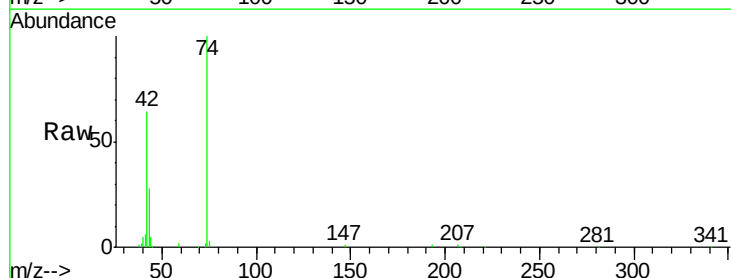
Tgt Ion: 42 Resp: 168479

Ion Ratio Lower Upper

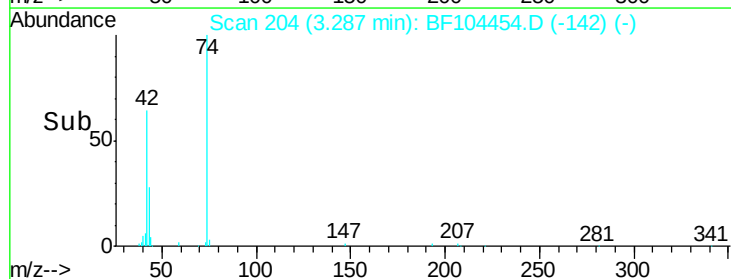
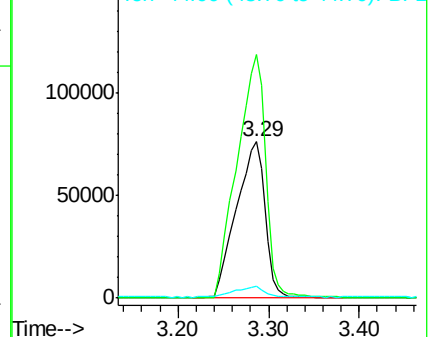
42 100

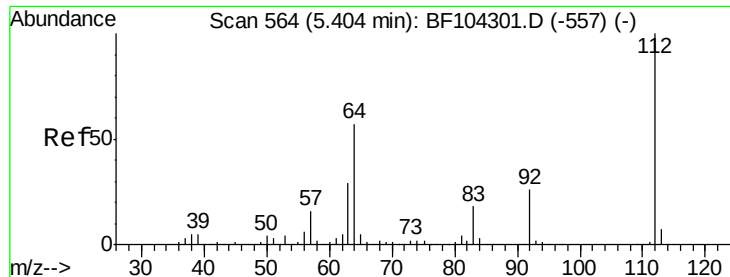
74 155.7 104.9 157.3

44 7.4 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: 132.708 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

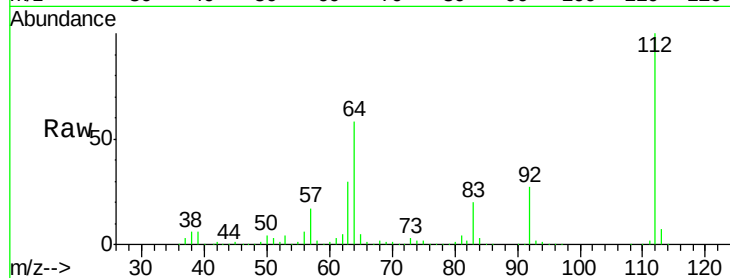
Tot Ion:112 Resp: 1116607

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

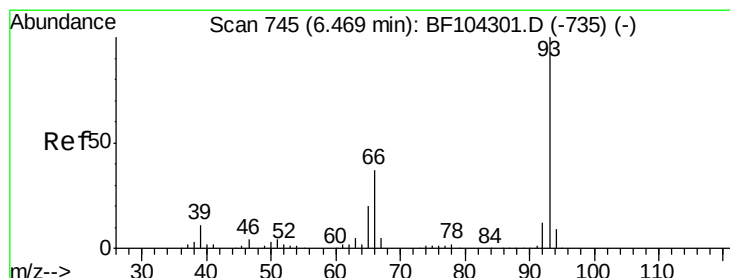
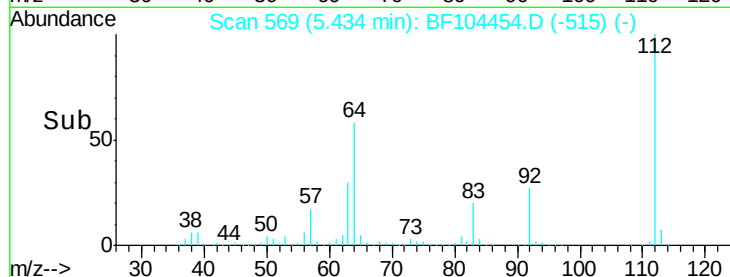
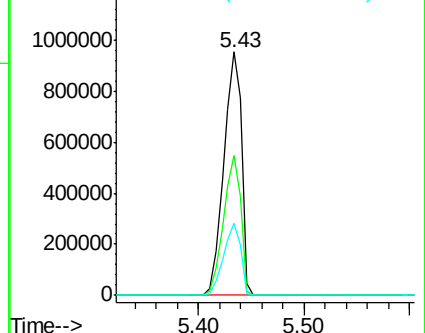
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.087 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

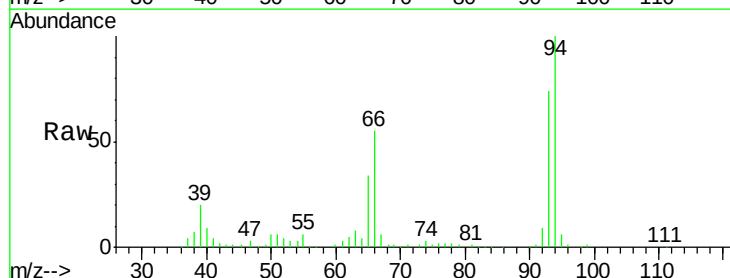
Tgt Ion: 93 Resp: 374681

Ion Ratio Lower Upper

93 100

66 74.9 32.2 48.2#

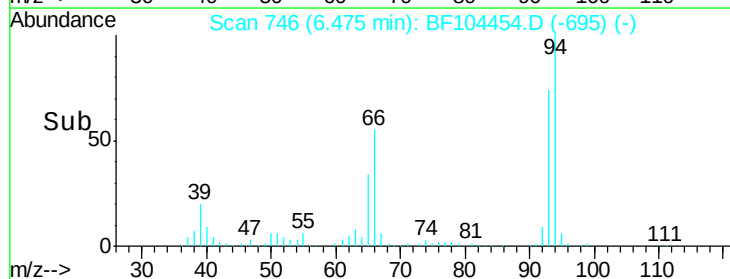
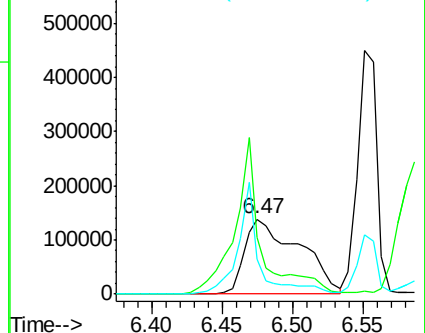
65 45.8 16.4 24.6#

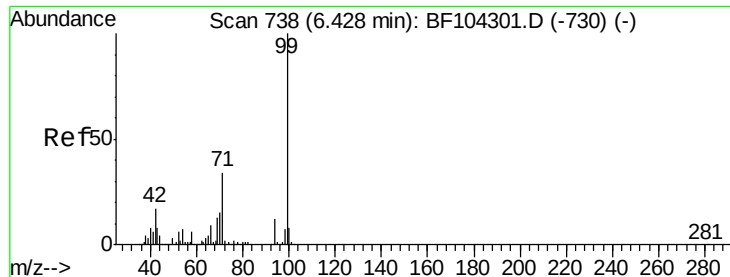


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.280 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

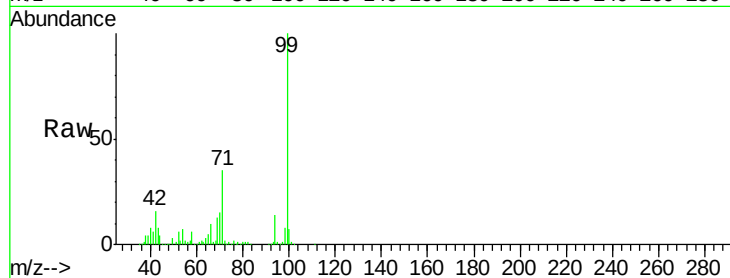
Tot Ion: 99 Resp: 1377864

Ion Ratio Lower Upper

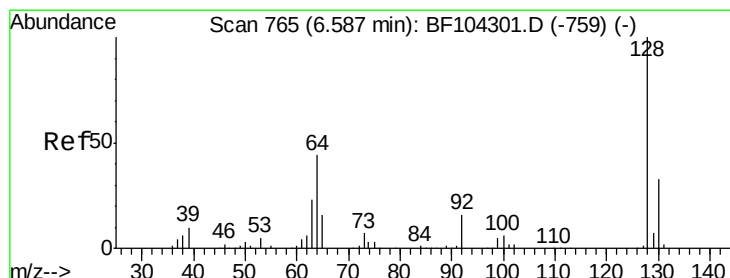
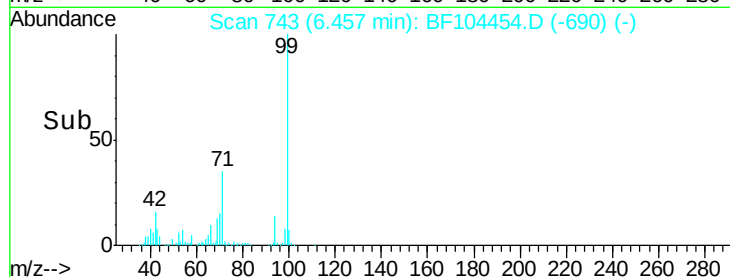
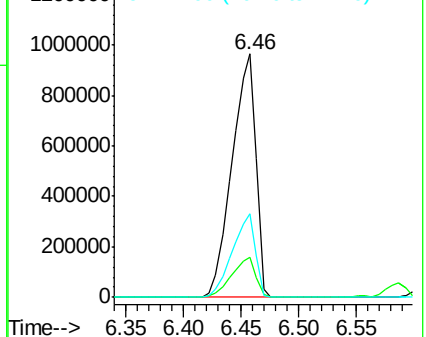
99 100

42 16.3 14.5 21.7

71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.767 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

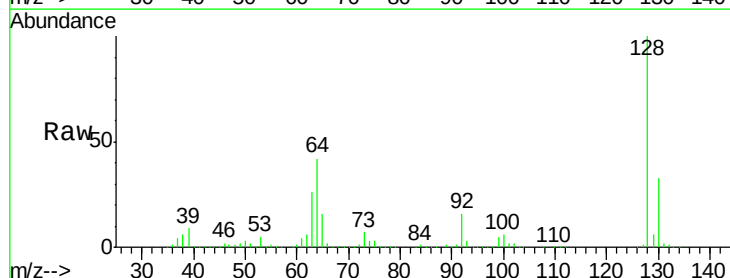
Tgt Ion: 128 Resp: 424206

Ion Ratio Lower Upper

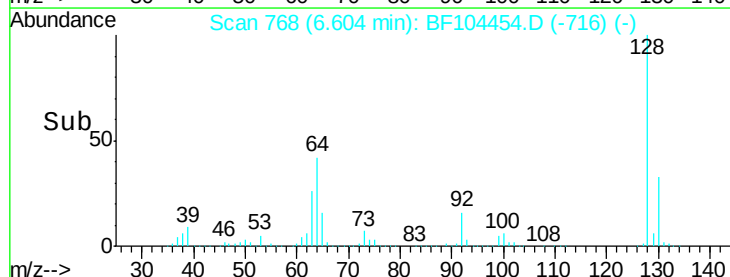
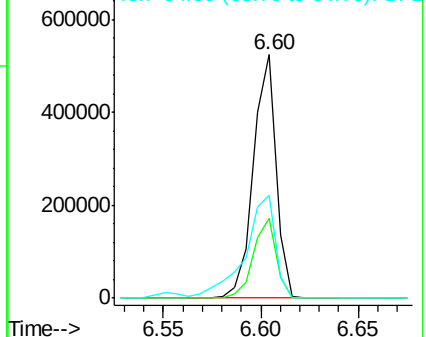
128 100

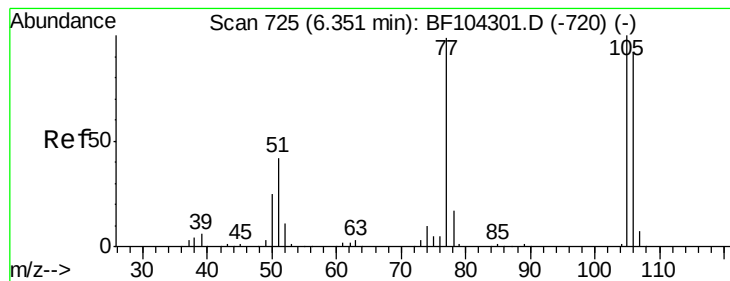
130 32.7 13.0 53.0

64 42.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.078 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

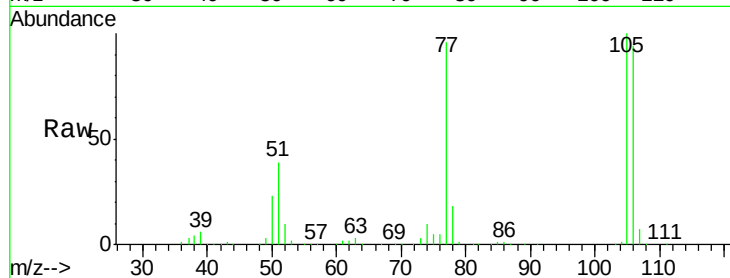
Tot Ion: 77 Resp: 212918

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

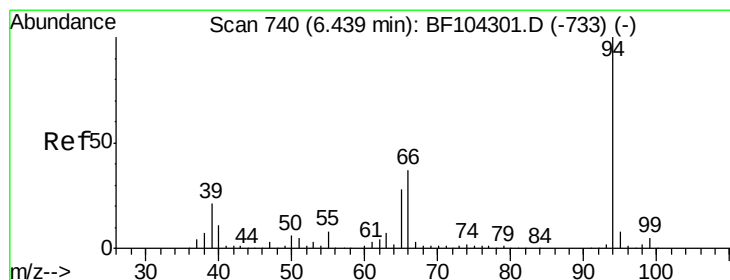
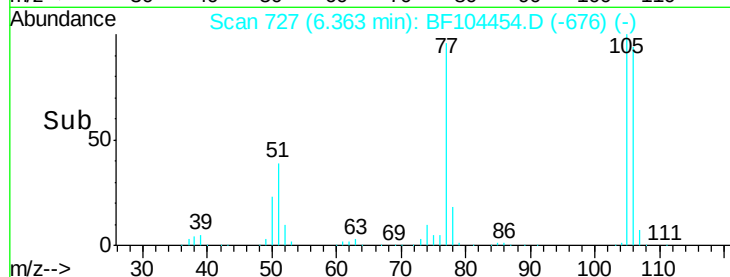
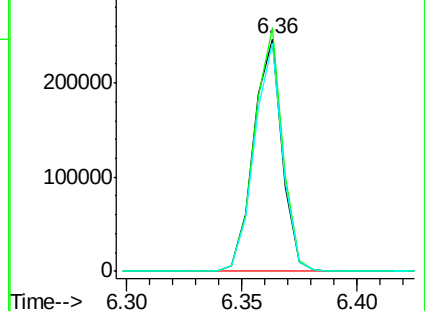
106 97.9 74.5 114.5



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: 48.749 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

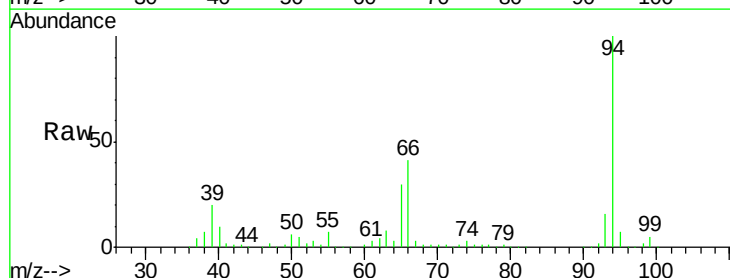
Tgt Ion: 94 Resp: 534729

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

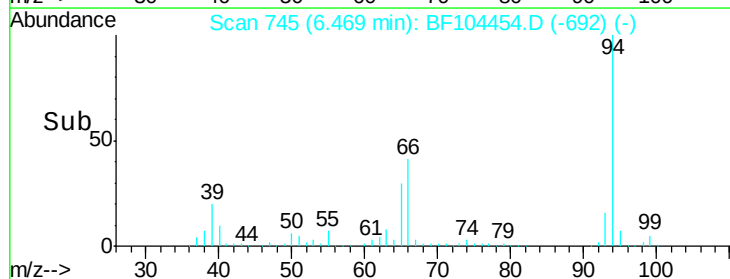
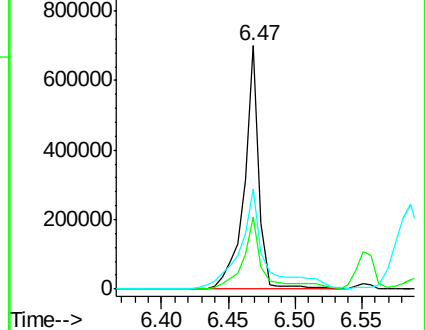
66 41.3 16.2 56.2

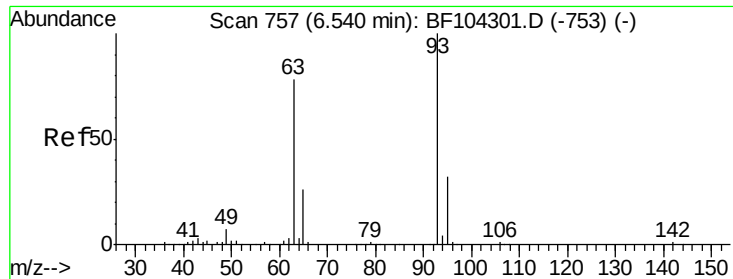


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

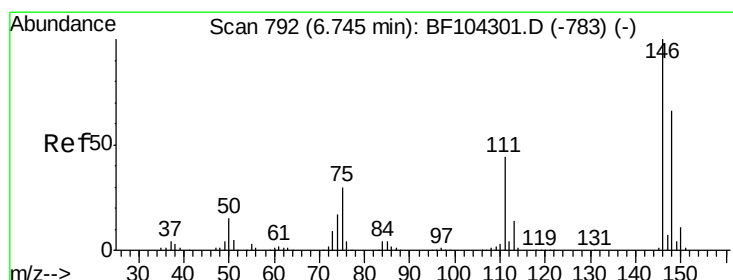
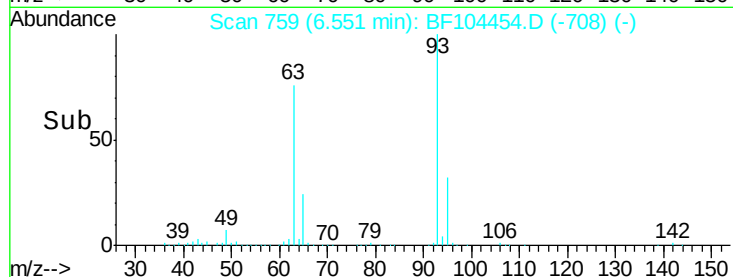
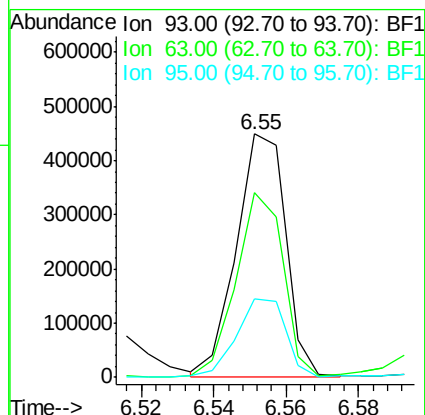
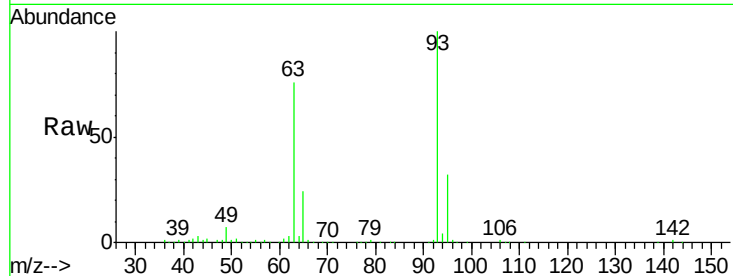




#11
bis(2-Chloroethyl)ether
Concen: 48.604 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

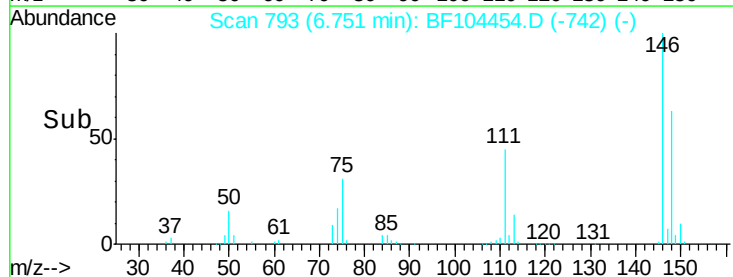
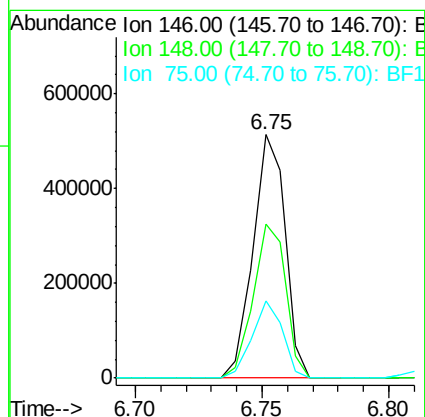
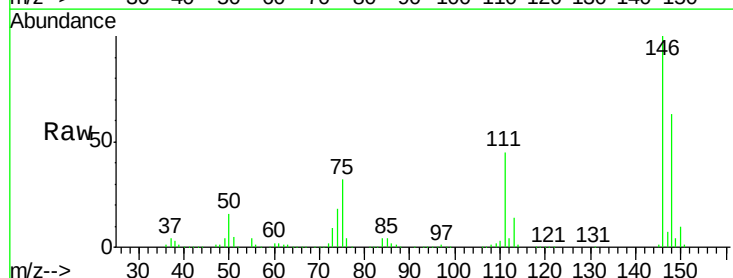
Instrument :
BNA_F
ClientSampleId :

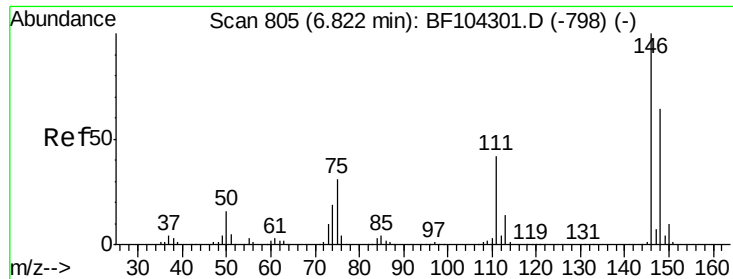
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 45.189 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	31.8	24.2	36.4

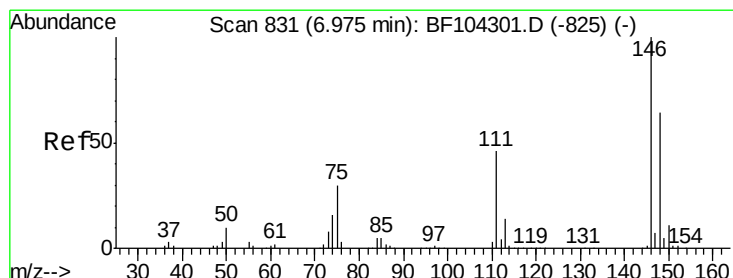
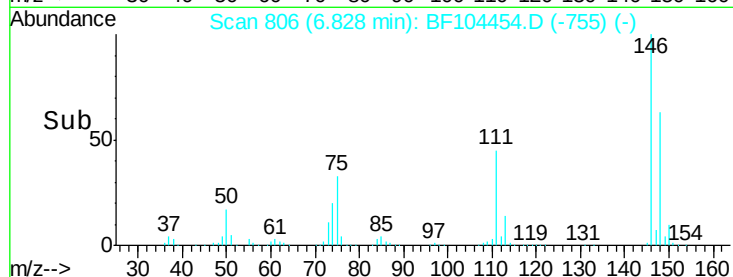
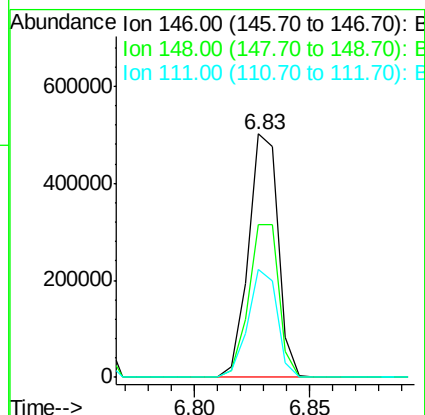
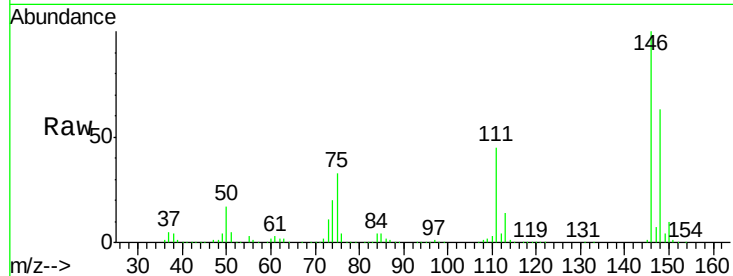




#13
 1,4-Dichlorobenzene
 Concen: 45.054 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

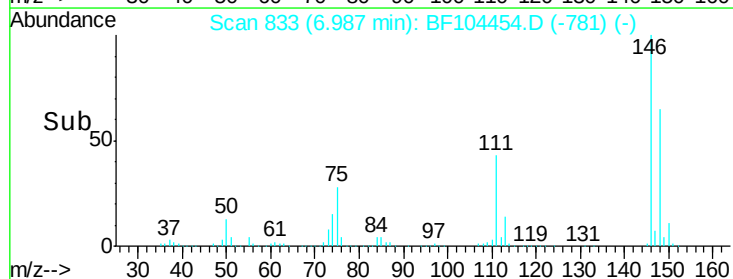
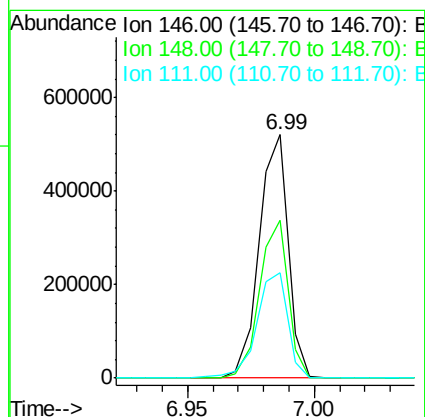
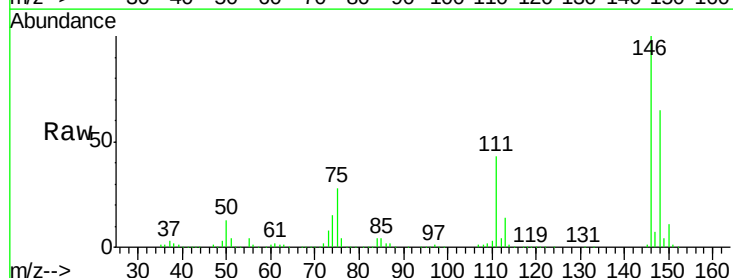
Instrument :
 BNA_F
 ClientSampleId :

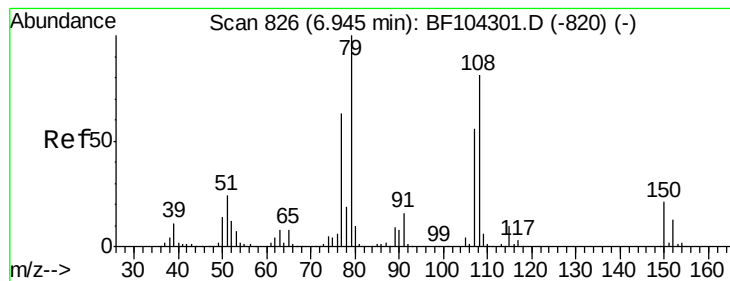
Tot Ion:146 Resp: 451844
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 44.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 44.901 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:146 Resp: 417299
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 46.241 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

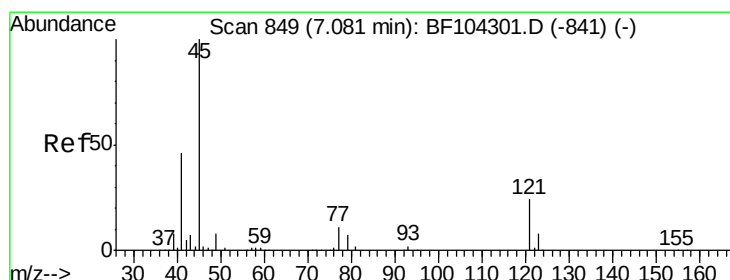
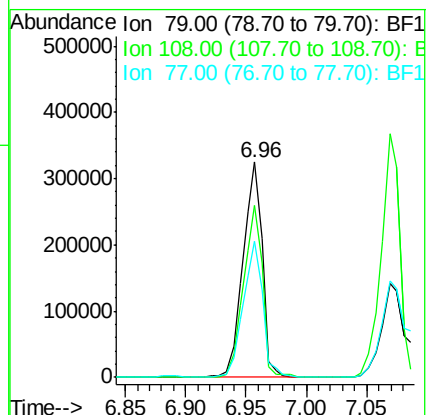
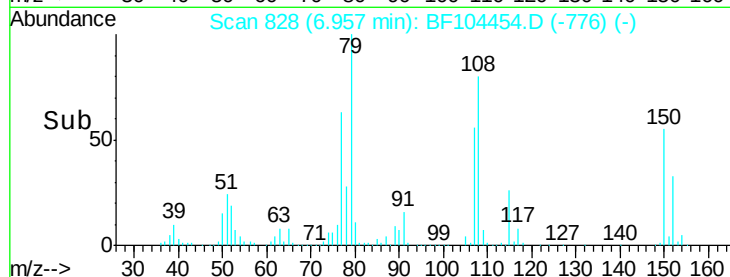
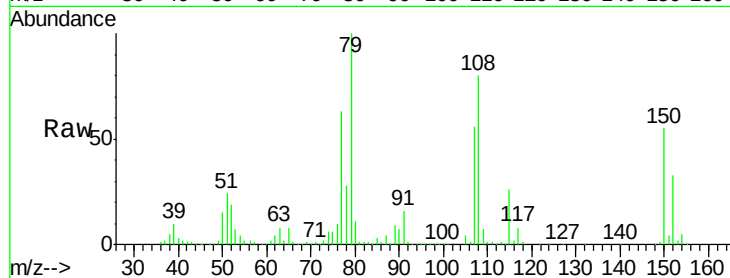
Tot Ion: 79 Resp: 363086

Ion Ratio Lower Upper

79 100

108 79.8 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.376 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

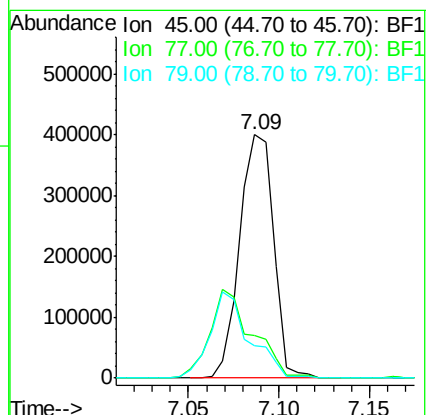
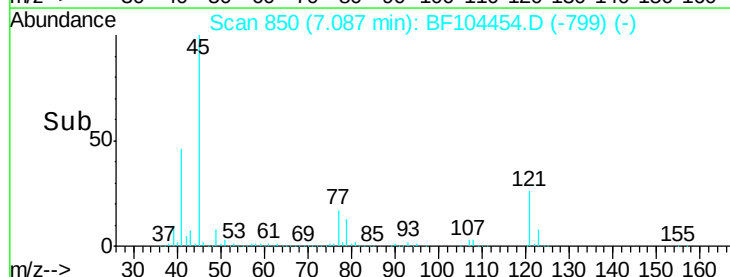
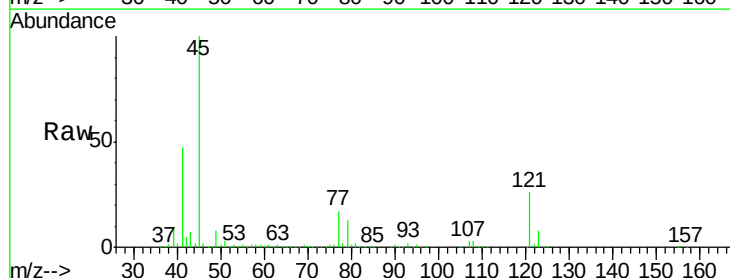
Tgt Ion: 45 Resp: 521662

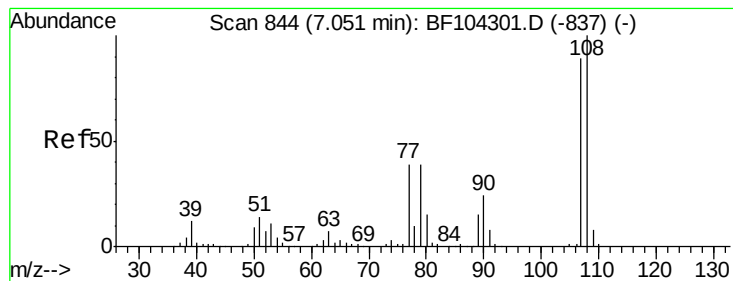
Ion Ratio Lower Upper

45 100

77 17.3 0.0 32.9

79 13.2 0.0 29.6

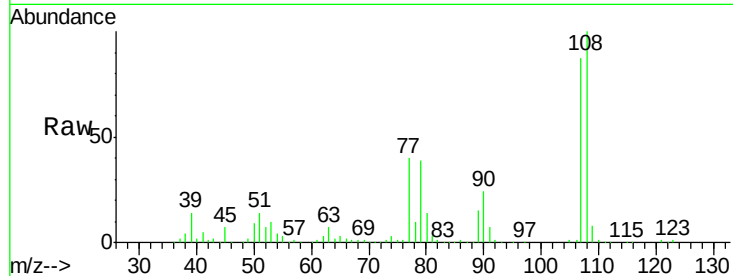




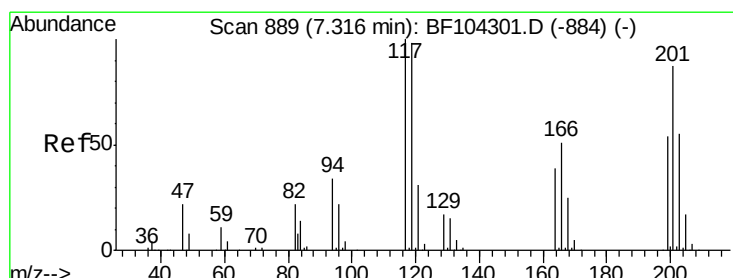
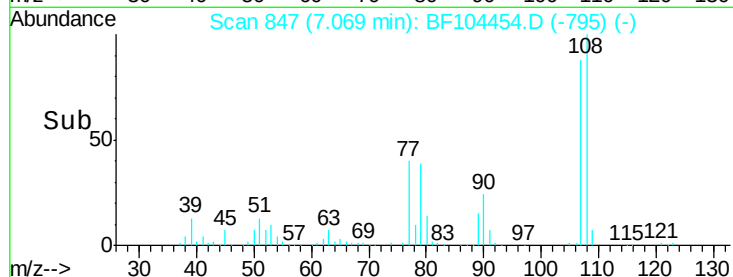
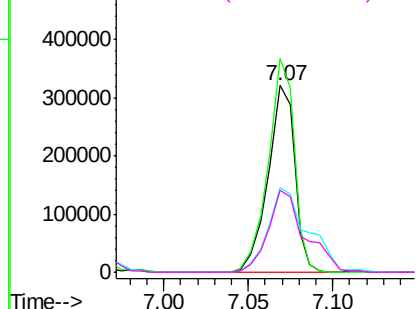
#17
2-Methylphenol
Concen: 45.780 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 353408
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 45.3 33.8 50.8
79 44.1 33.8 50.8

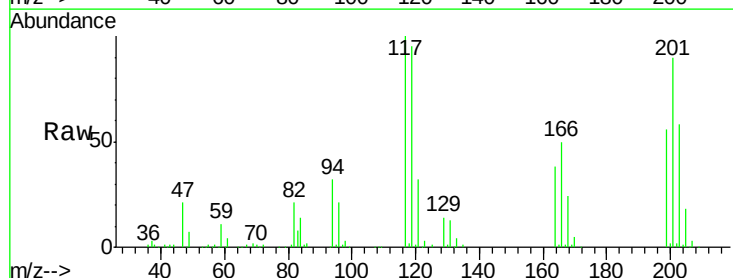


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

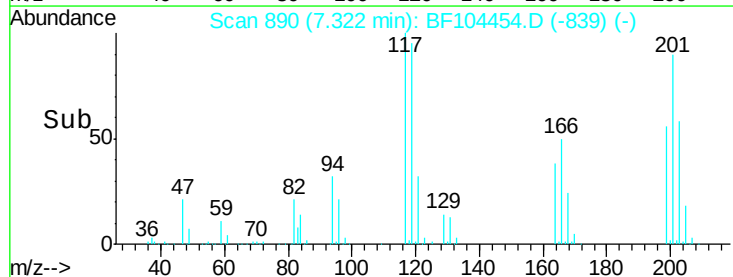
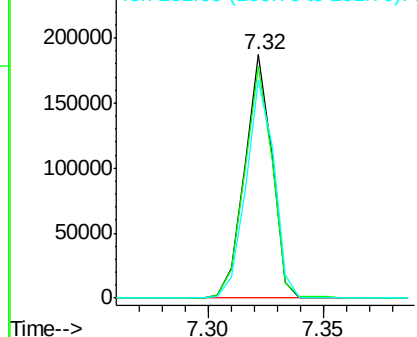


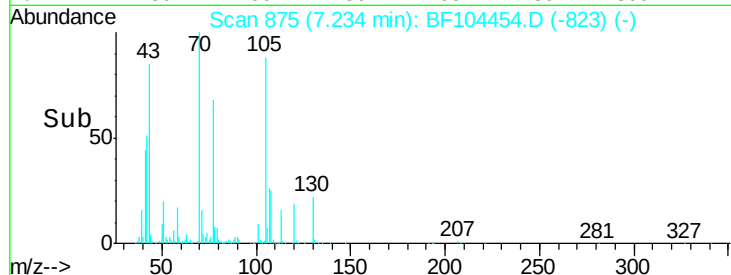
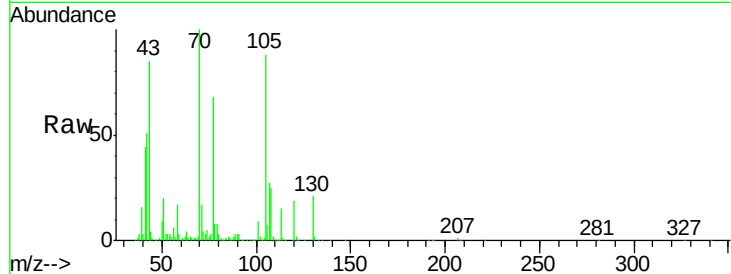
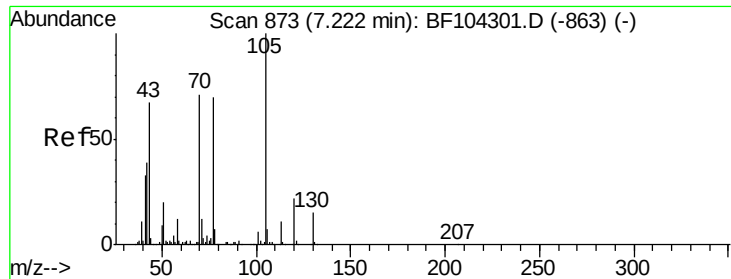
#18
Hexachloroethane
Concen: 43.166 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:117 Resp: 154353
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 89.8 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

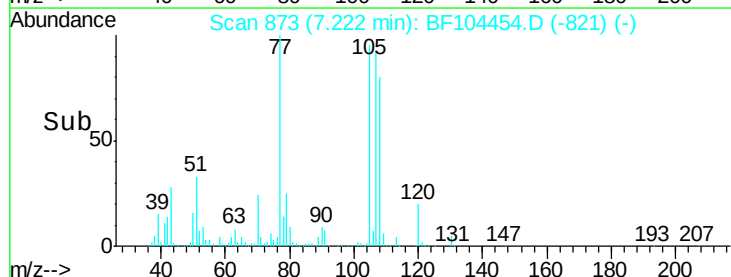
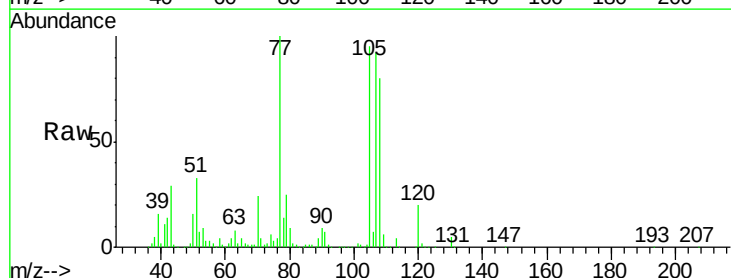
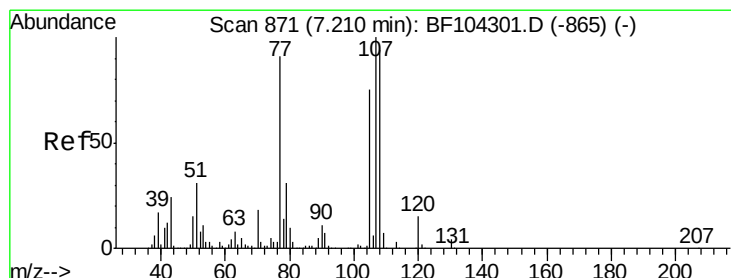
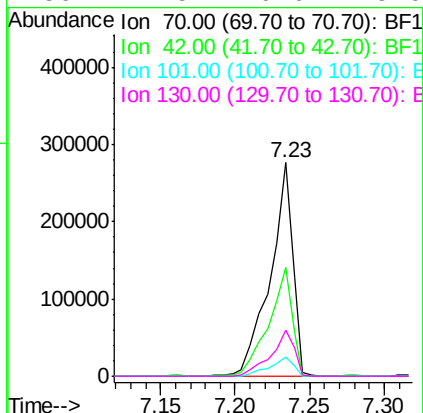




#19
n-Nitroso-di-n-propylamine
Concen: 42.816 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

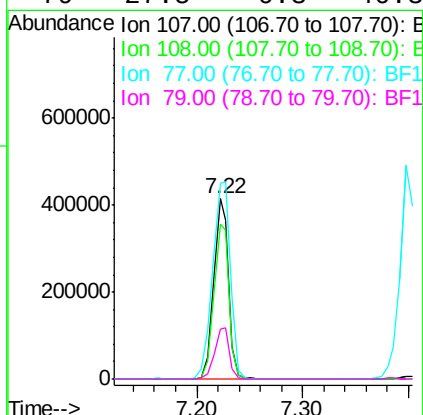
Instrument :
BNA_F
ClientSampleId :

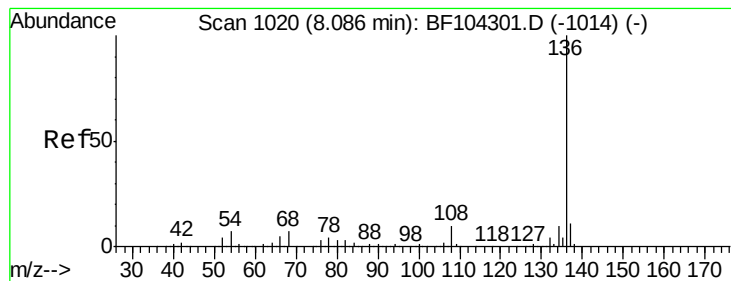
Tot Ion:	70	Resp:	289246
Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.231 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:	107	Resp:	413899
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	108.5	26.7	66.7#
79	27.5	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: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521071

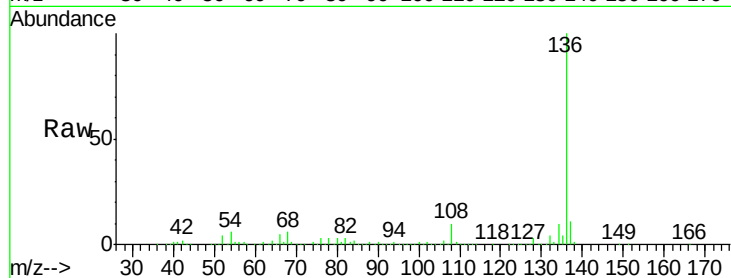
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 5.0 7.4

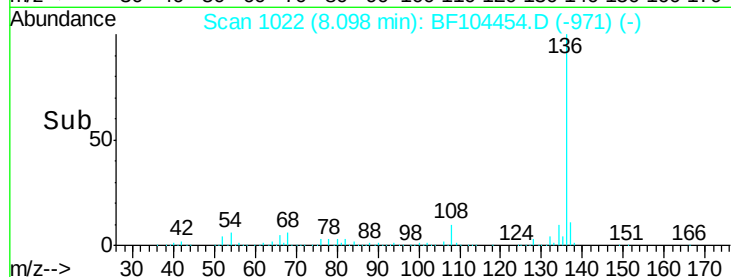


Abundance Ion 136.00 (135.70 to 136.70): E

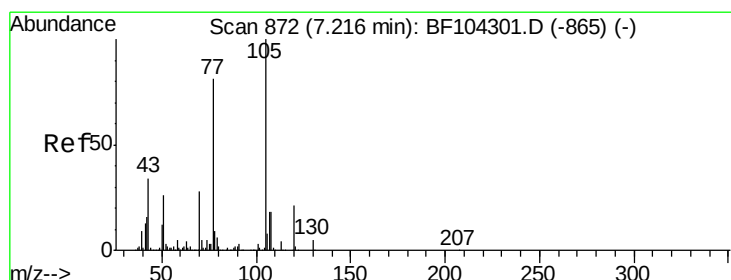
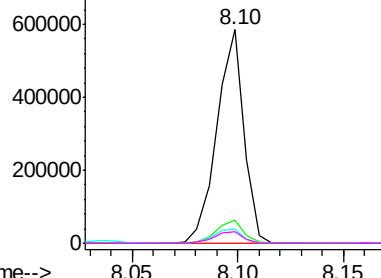
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.945 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:105 Resp: 563753

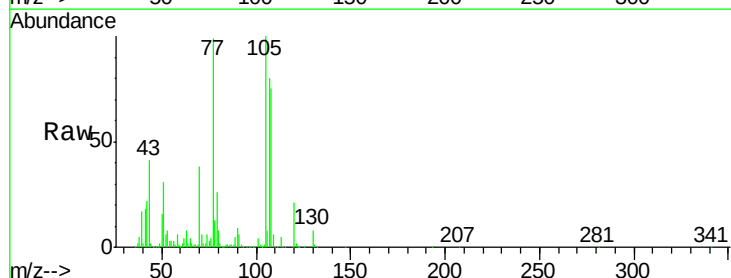
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 31.4 22.3 33.5

120 20.6 16.9 25.3

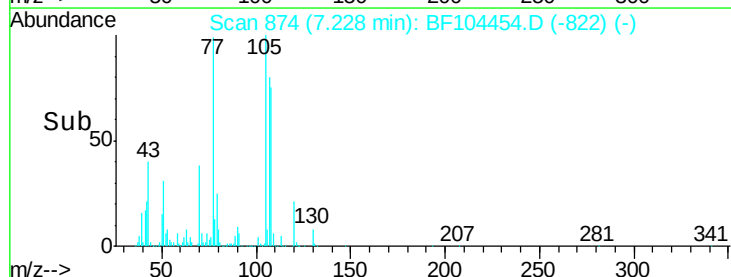


Abundance Ion 105.00 (104.70 to 105.70): E

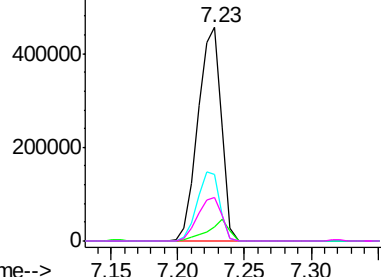
Ion 71.00 (70.70 to 71.70): BF1

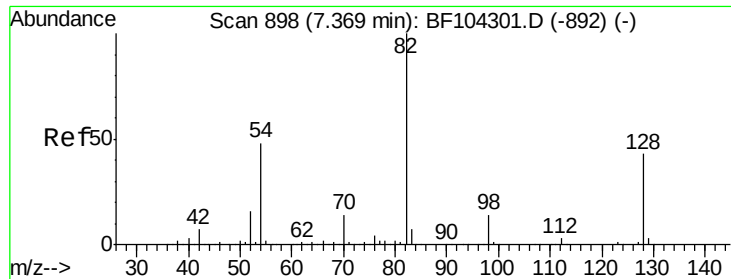
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

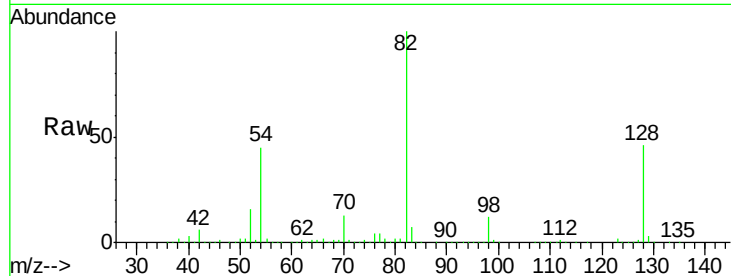




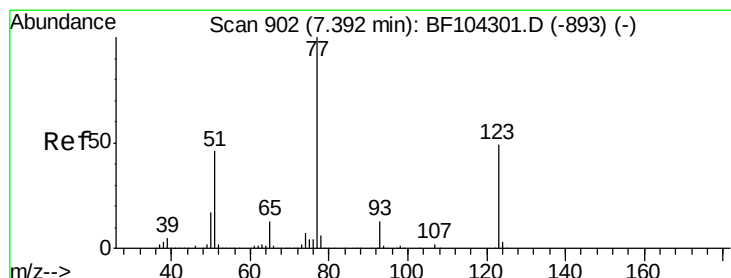
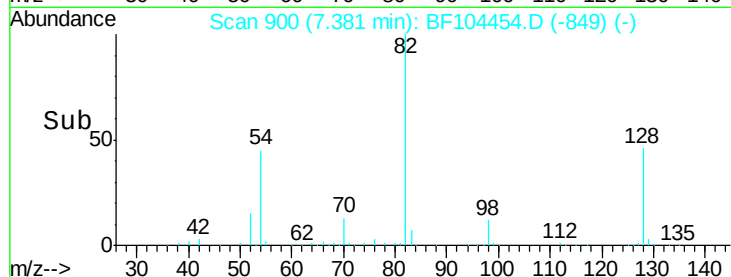
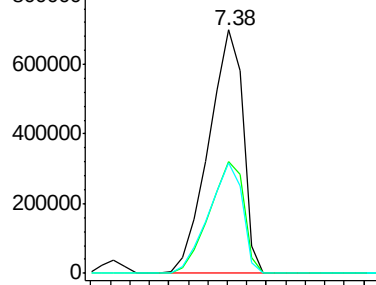
#23
 Nitrobenzene-d5
 Concen: 106.668 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 851201
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 45.2 41.4 62.2

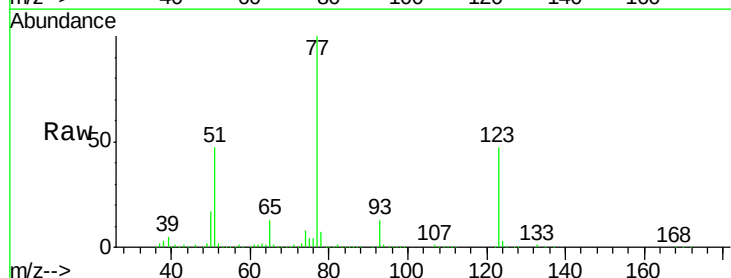


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

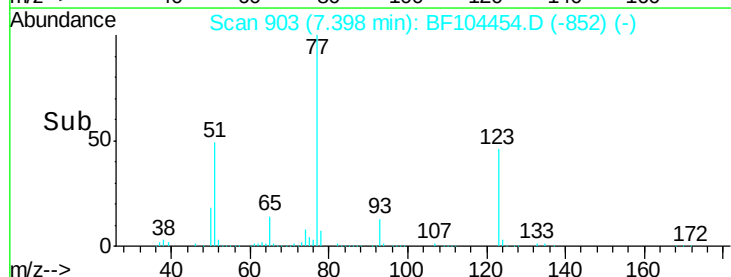
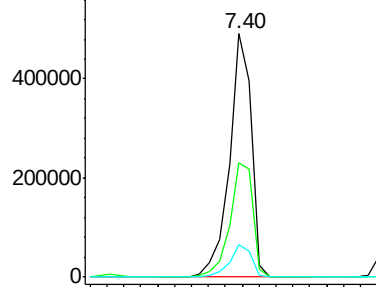


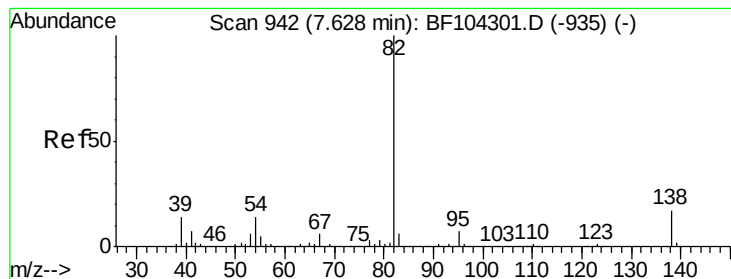
#24
 Nitrobenzene
 Concen: 50.089 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion: 77 Resp: 441304
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.9 56.9
 65 13.4 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: 43.493 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

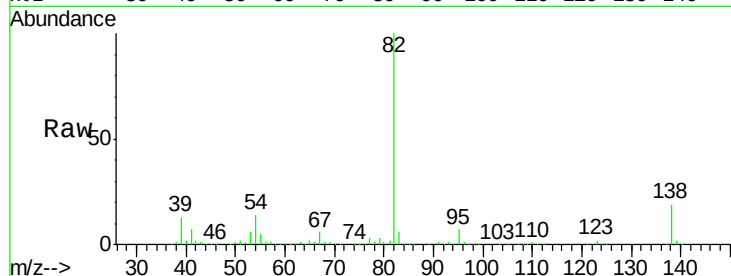
Tot Ion: 82 Resp: 733927

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

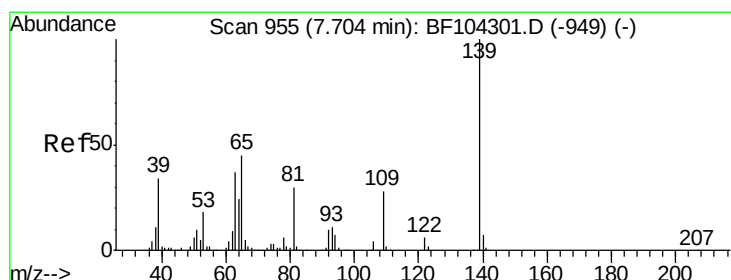
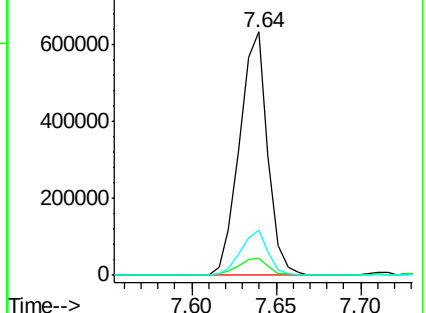
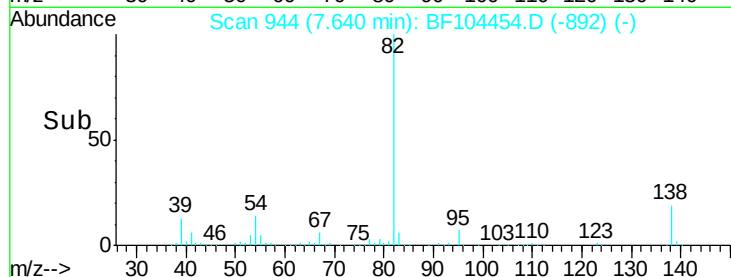
138 18.6 14.9 22.3



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: 66.236 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

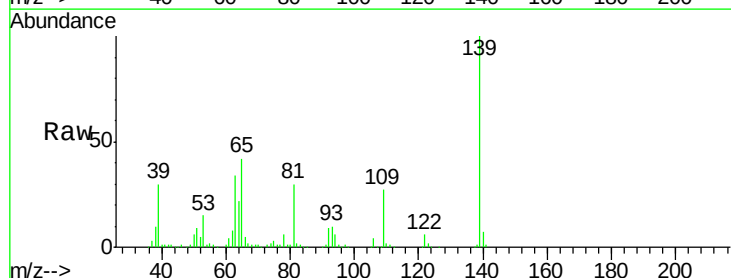
Tgt Ion: 139 Resp: 237569

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

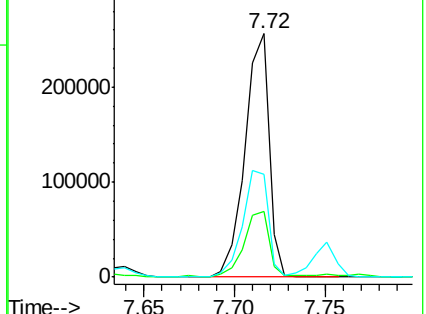
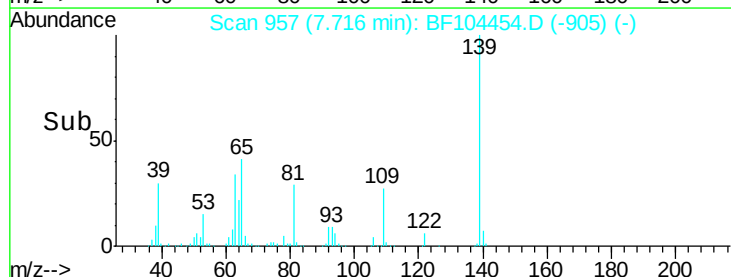
65 42.1 40.5 60.7

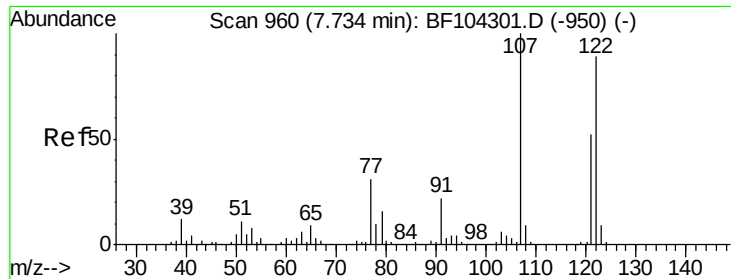


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

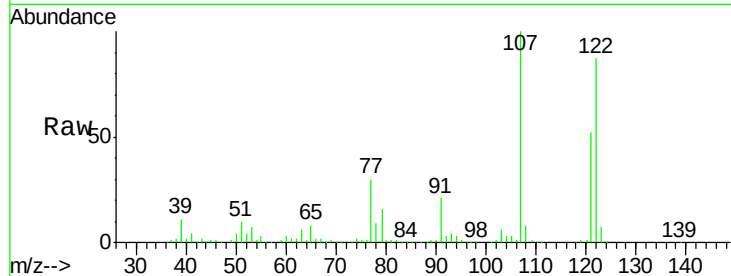




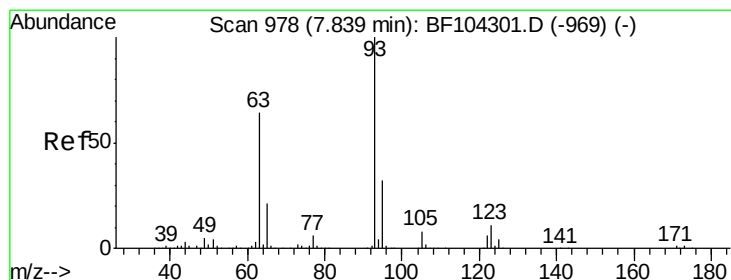
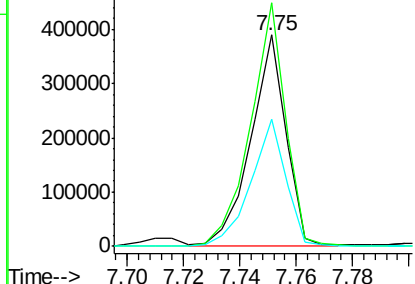
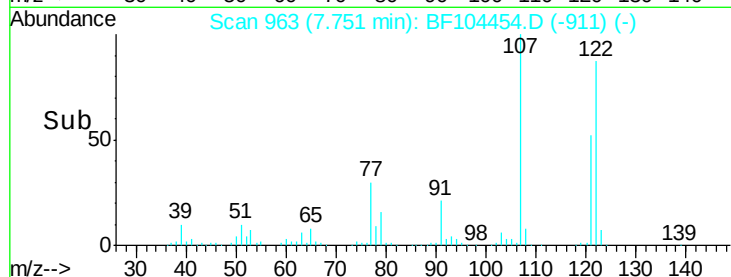
#27
 2,4-Dimethylphenol
 Concen: 45.325 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 337552
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.2 136.8
 121 60.3 47.2 70.8

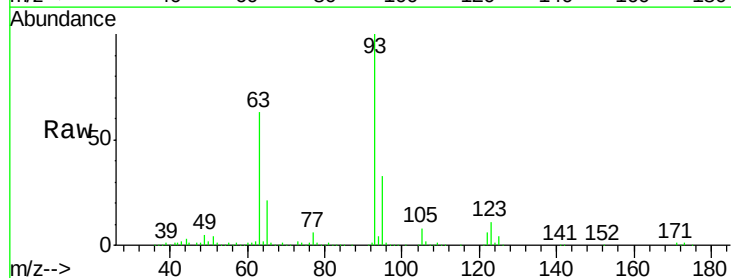


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

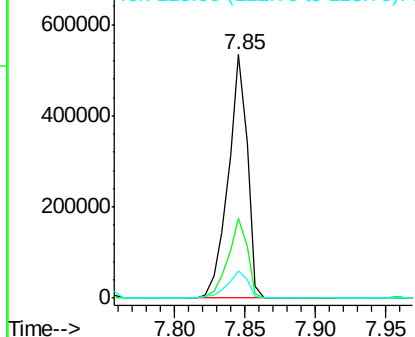
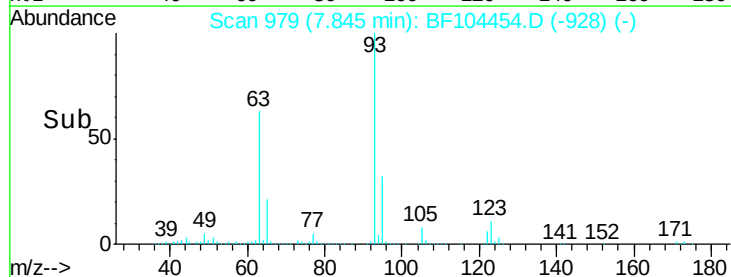


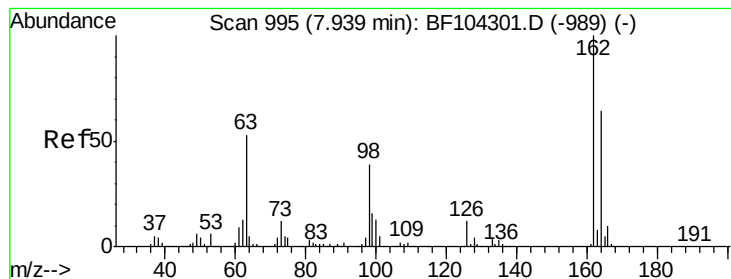
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.453 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion: 93 Resp: 499900
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.263 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

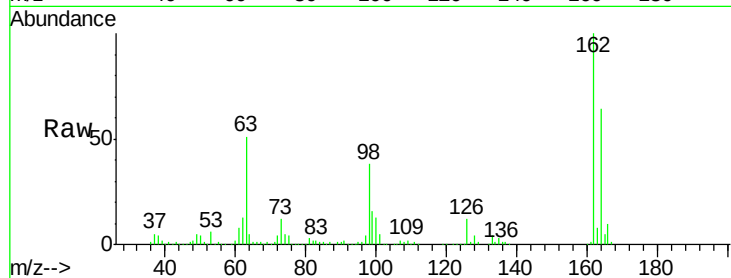
Tot Ion:162 Resp: 342949

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

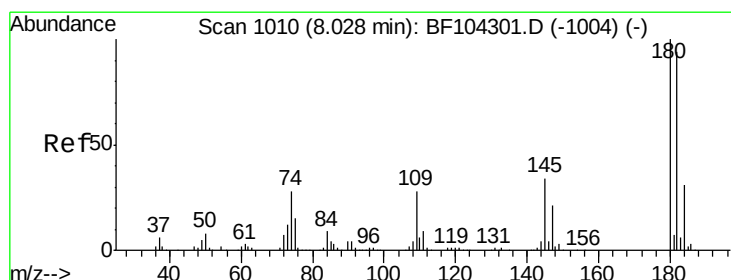
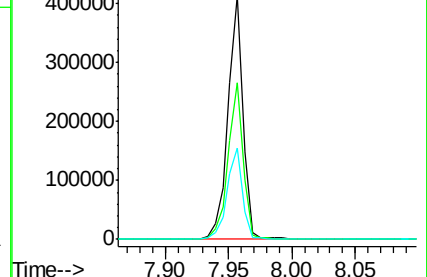
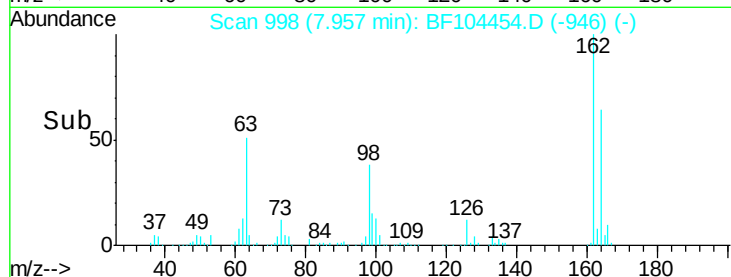
98 37.7 18.1 58.1



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: 46.294 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

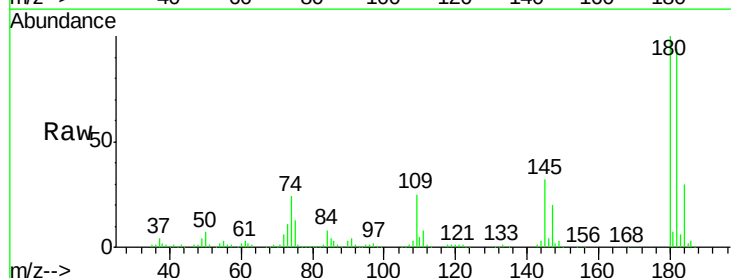
Tgt Ion:180 Resp: 361014

Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

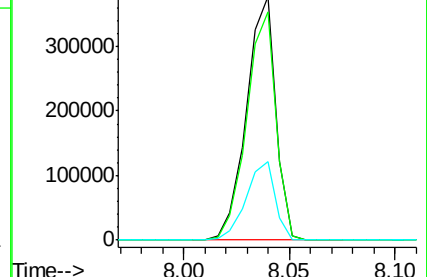
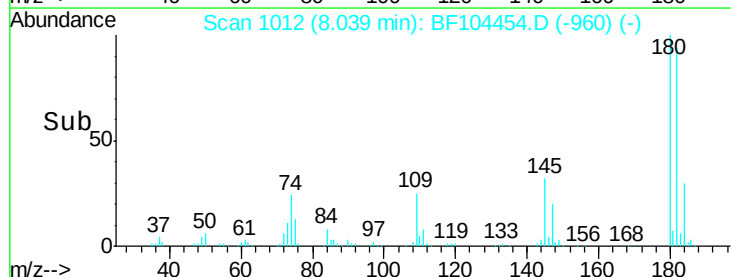
145 32.0 26.5 39.7

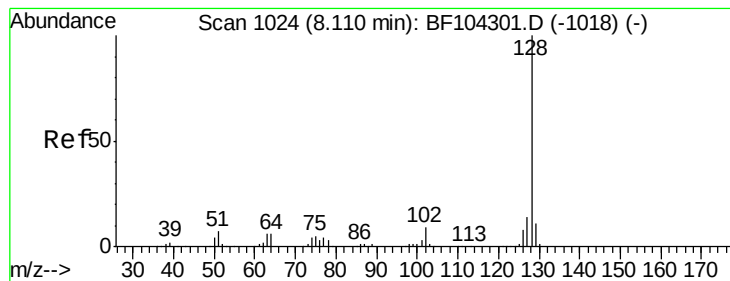


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.654 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

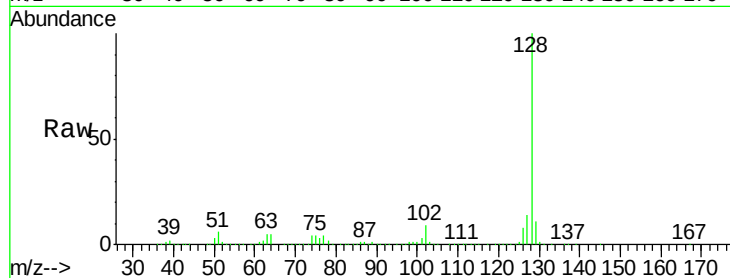
Tot Ion:128 Resp: 1132670

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

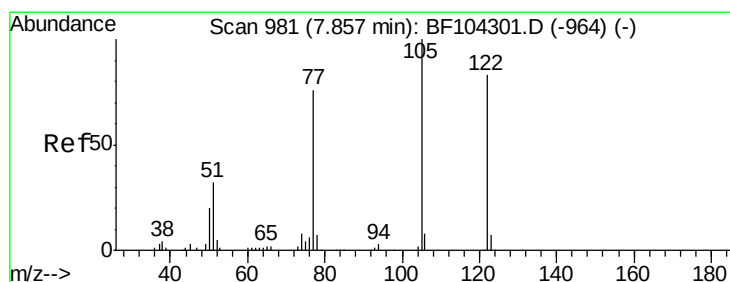
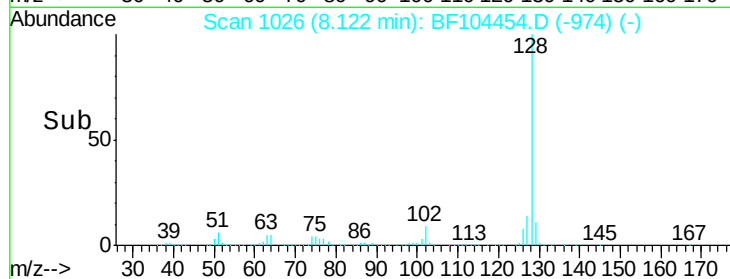
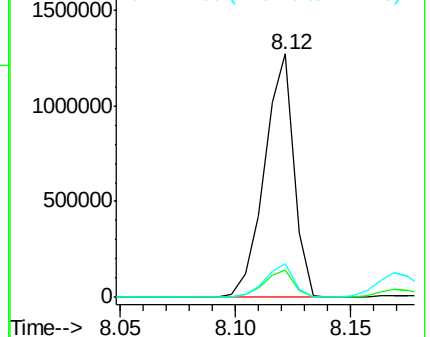
127 13.6 10.9 16.3



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: 11.585 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

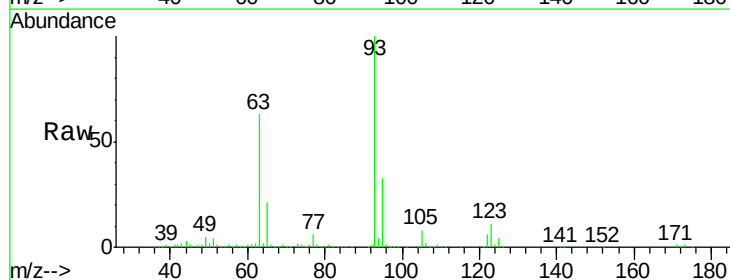
Tgt Ion:122 Resp: 68841

Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

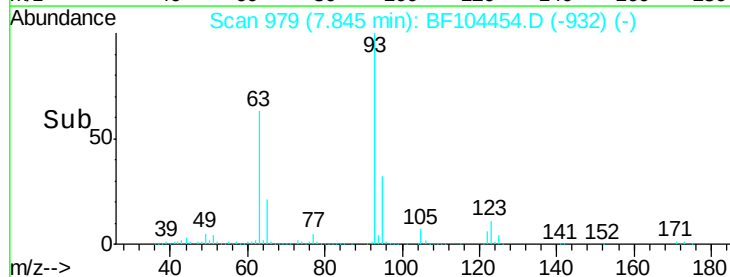
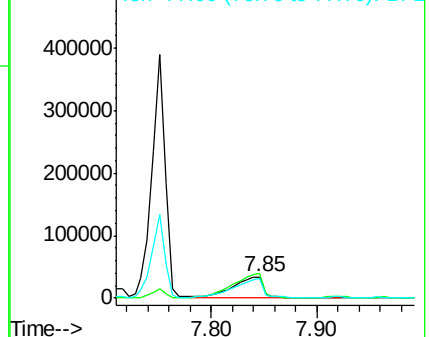
77 91.3 70.7 110.7

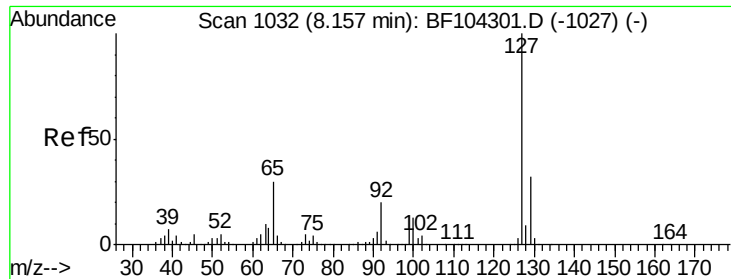


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

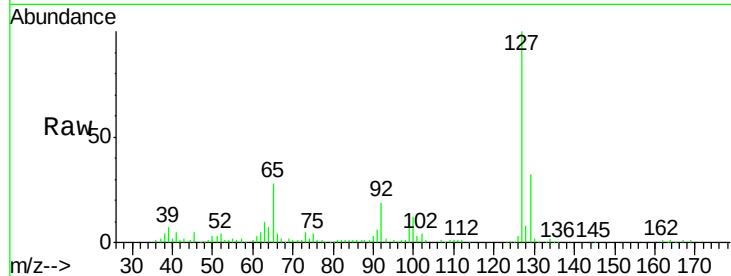




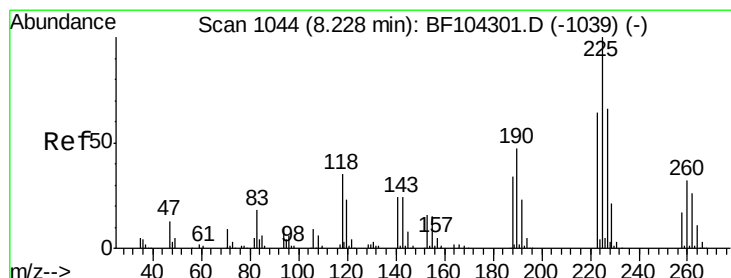
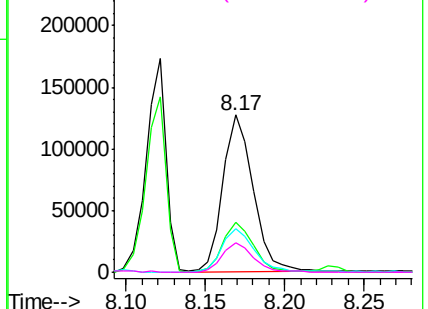
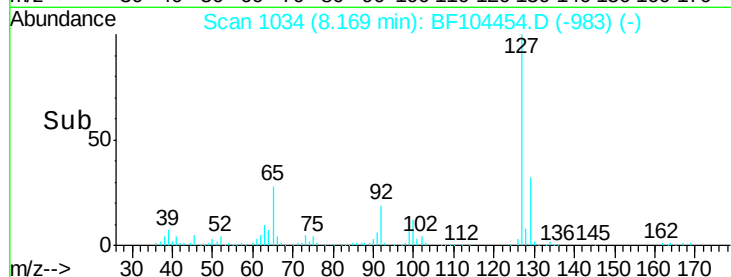
#33
4-Chloroaniline
Concen: 15.255 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	169576
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	28.0	25.0	37.4
92	18.9	15.2	22.8

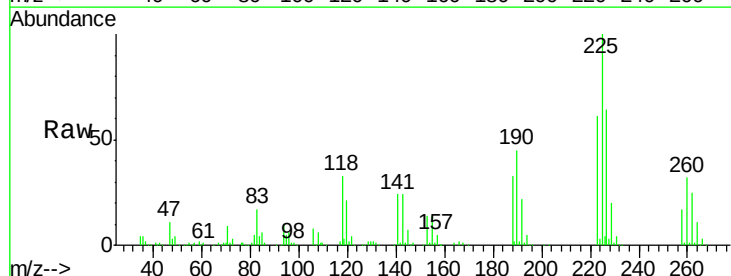


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

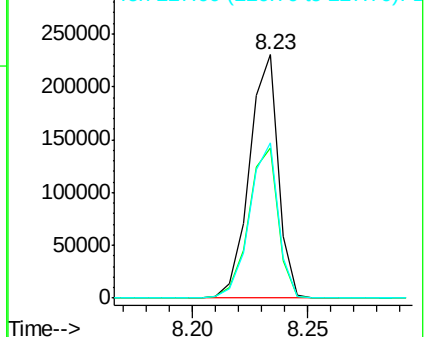
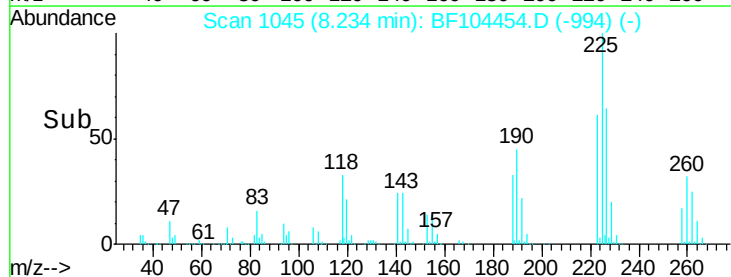


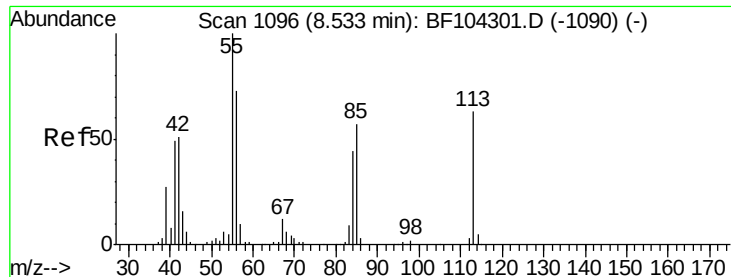
#34
Hexachlorobutadiene
Concen: 47.072 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:	225	Resp:	201067
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	64.0	51.9	77.9



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

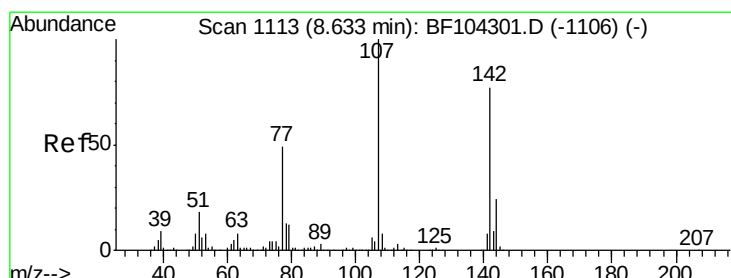
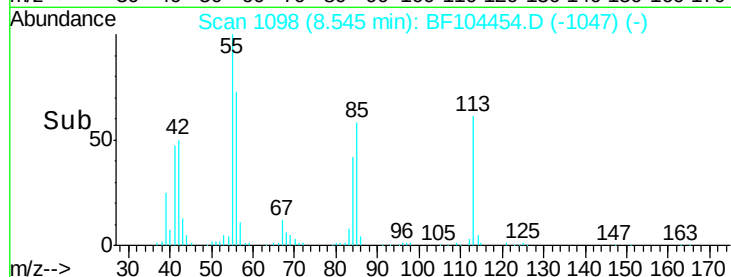
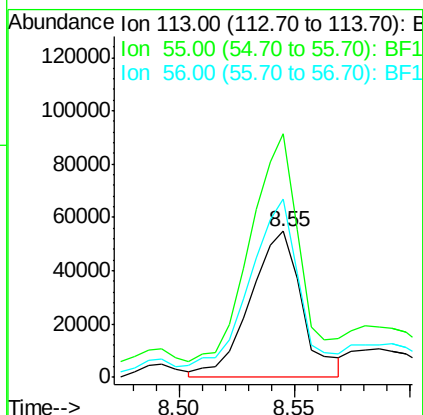
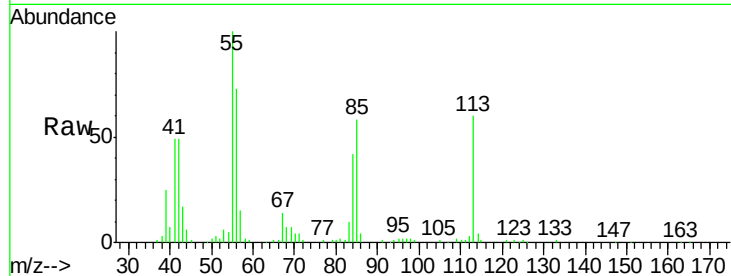




#35
Caprolactam
Concen: 34.389 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

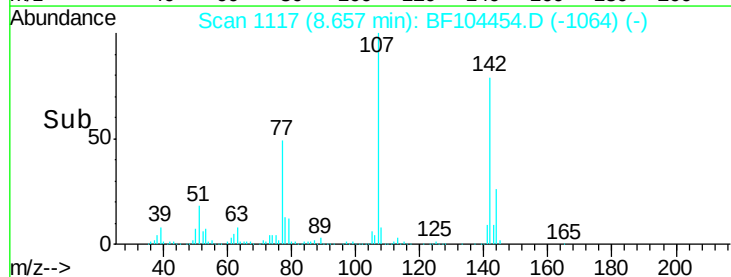
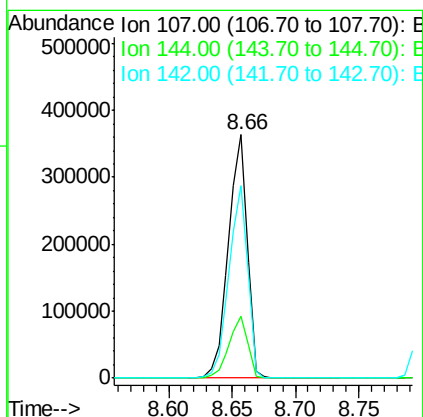
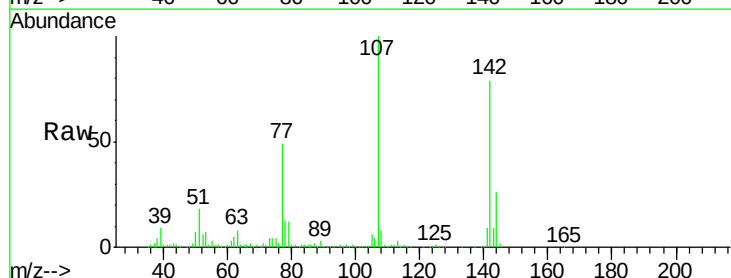
Instrument :
BNA_F
ClientSampled :

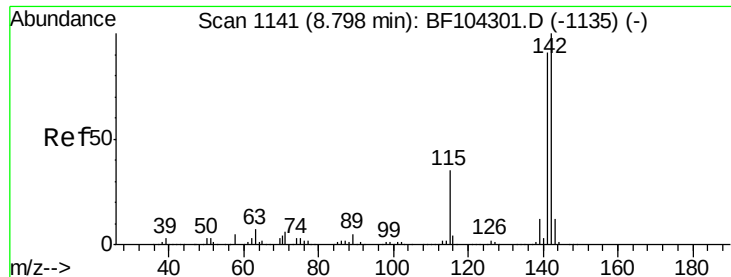
Tot Ion:113 Resp: 85245
Ion Ratio Lower Upper
113 100
55 166.5 163.3 203.3
56 121.5 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 49.169 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:107 Resp: 374635
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 78.8 62.0 93.0

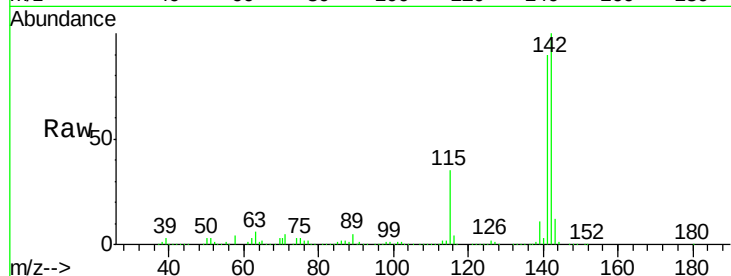




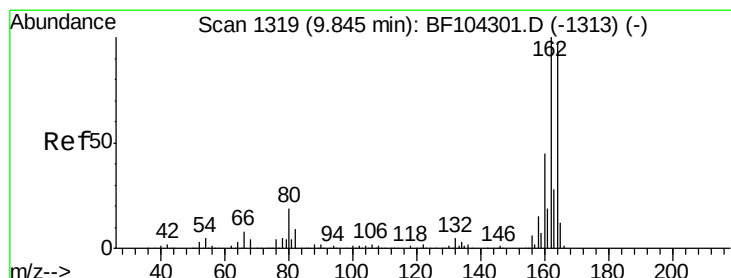
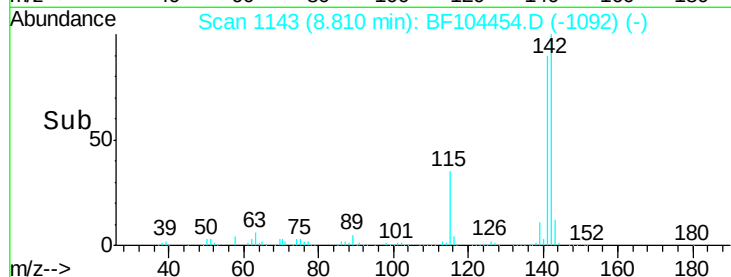
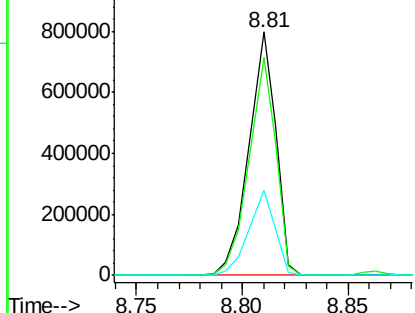
#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 711733
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 34.8 26.1 39.1

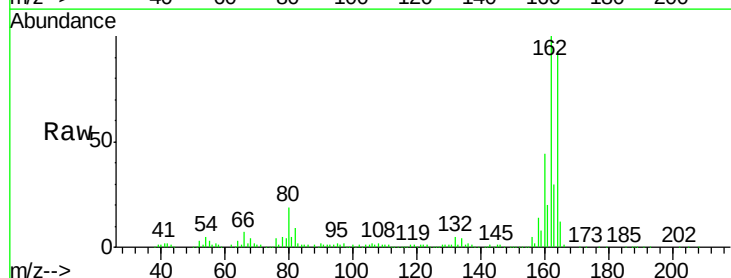


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

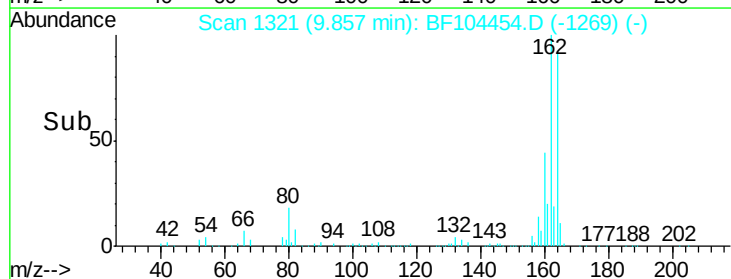
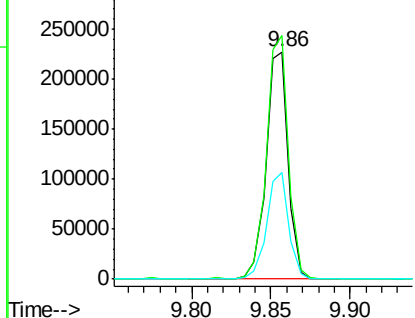


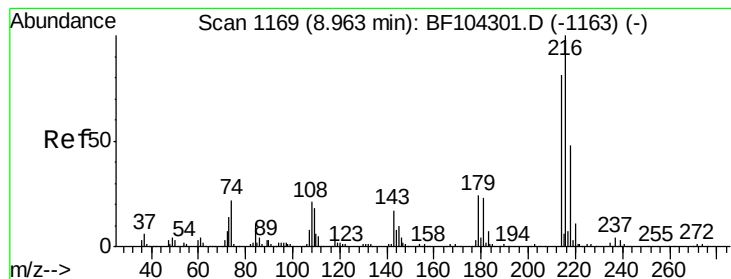
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:164 Resp: 222887
Ion Ratio Lower Upper
164 100
162 107.2 86.1 129.1
160 46.8 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: 49.614 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 316551

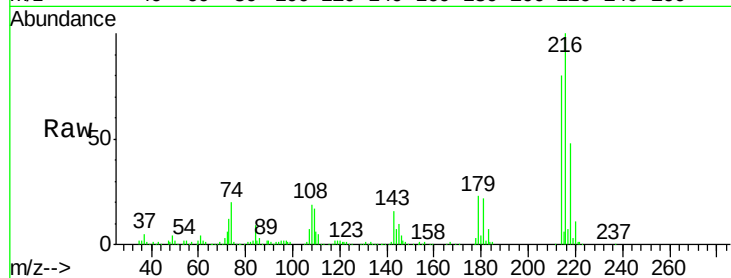
Ion Ratio Lower Upper

216 100

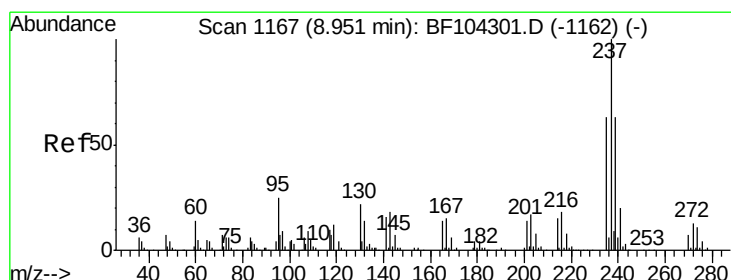
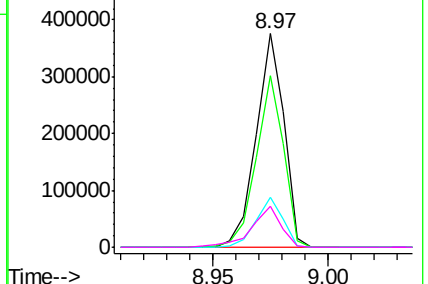
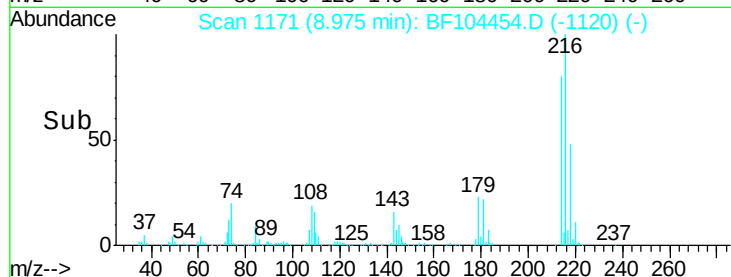
214 78.9 63.0 94.4

179 22.9 18.1 27.1

108 20.3 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: 36.445 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

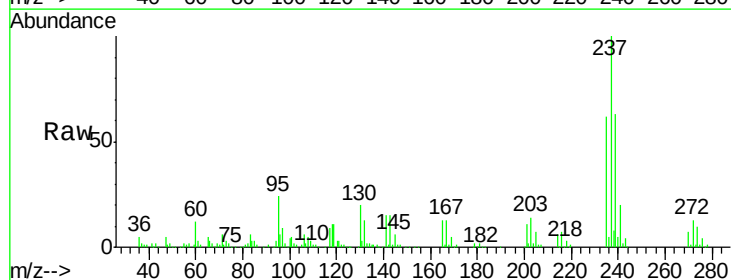
Tgt Ion:237 Resp: 130177

Ion Ratio Lower Upper

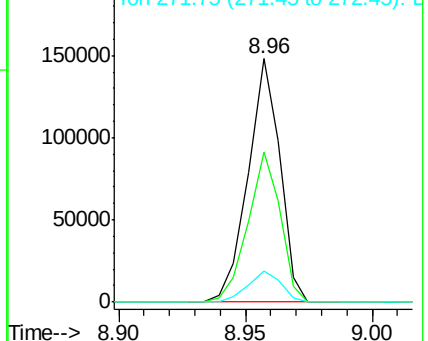
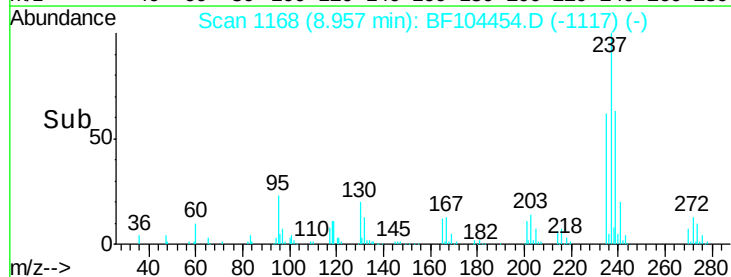
237 100

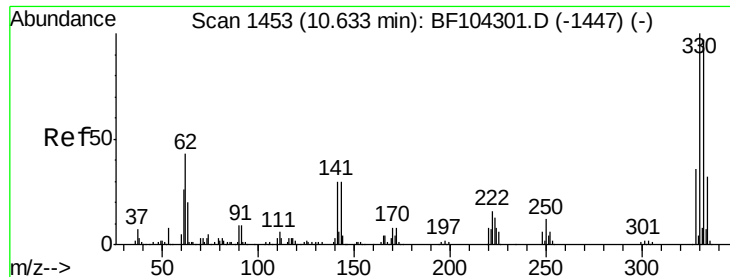
235 61.7 44.8 84.8

272 12.9 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: 122.530 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

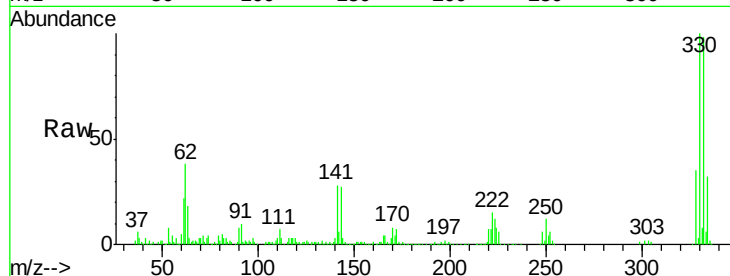
Tot Ion:330 Resp: 283297

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

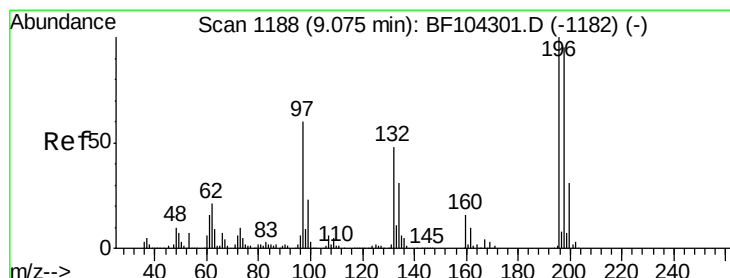
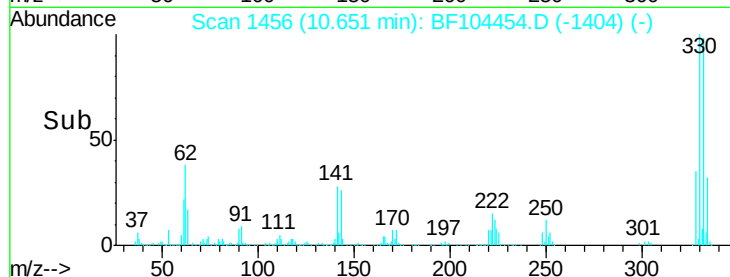
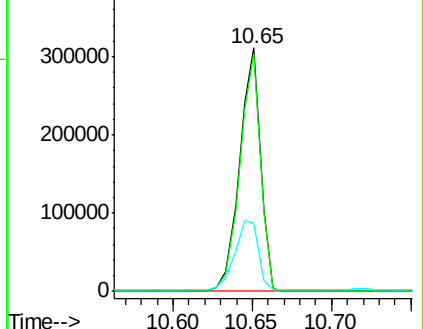
141 32.4 29.9 44.9



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: 53.906 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

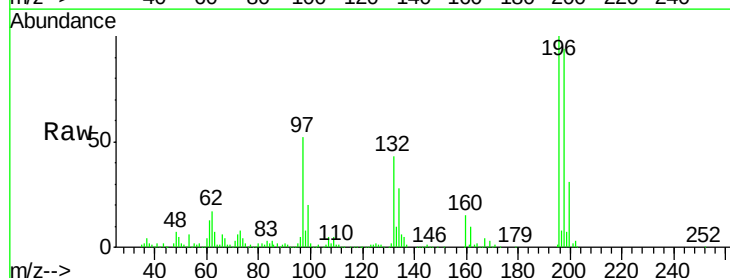
Tgt Ion:196 Resp: 238756

Ion Ratio Lower Upper

196 100

198 94.2 75.7 113.5

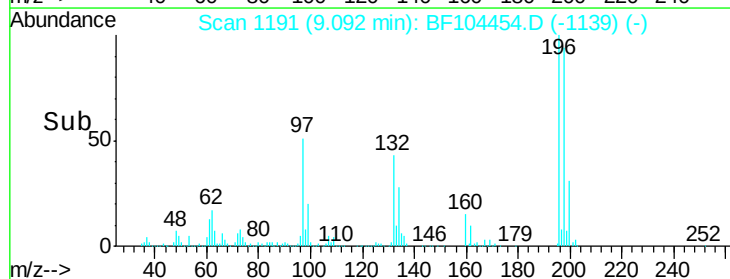
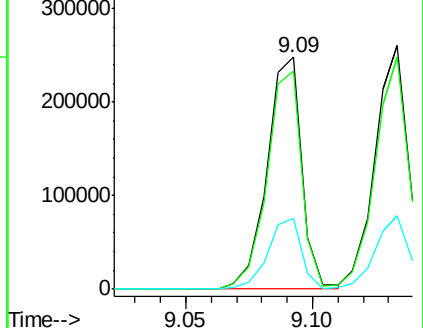
200 30.7 24.5 36.7

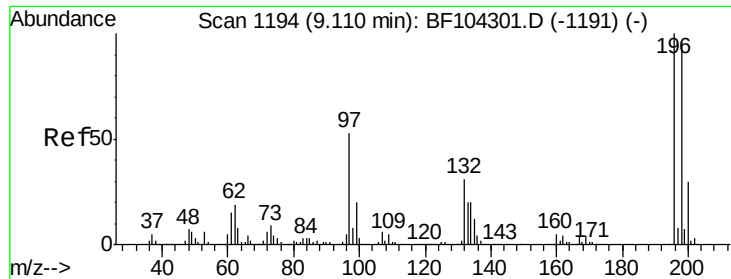


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

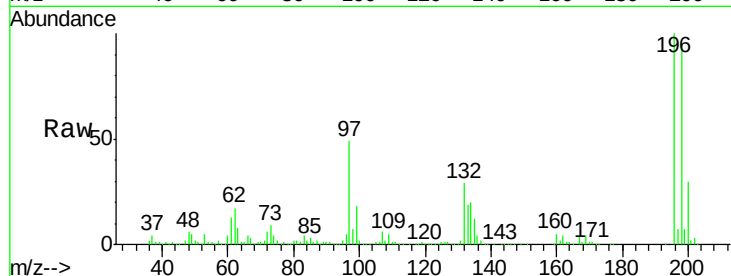




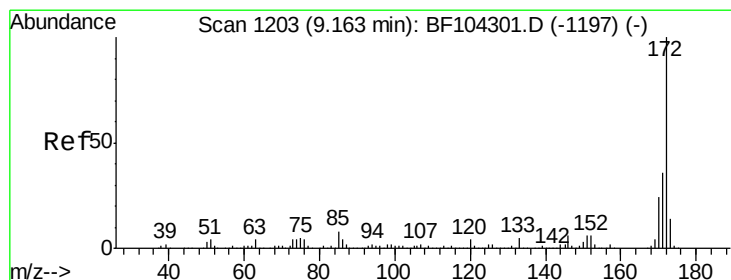
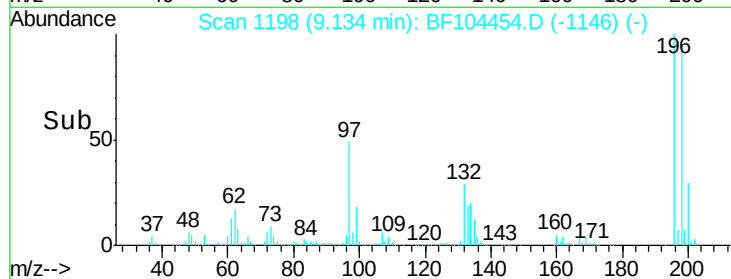
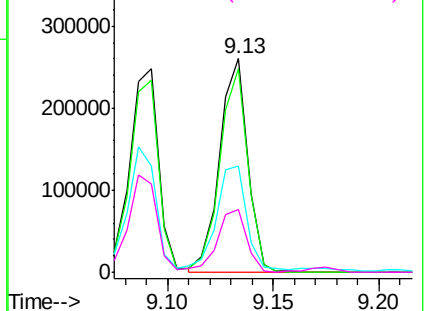
#43
 2,4,5-Trichlorophenol
 Concen: 48.266 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	49.5	42.9	64.3
132	29.2	26.3	39.5

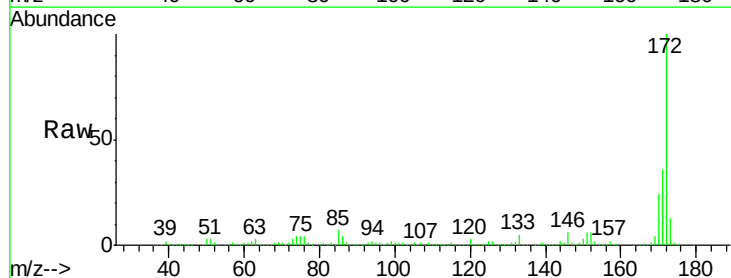


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

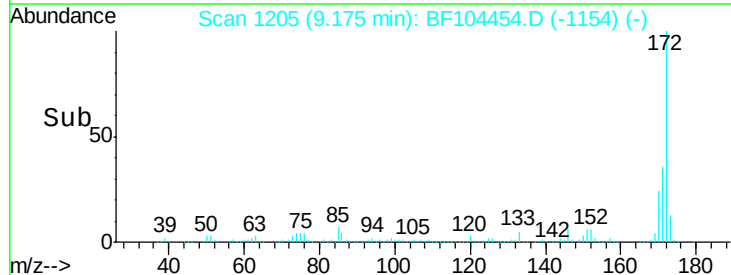
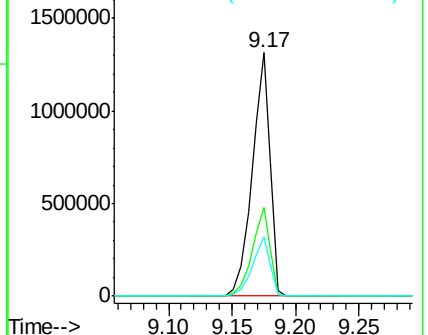


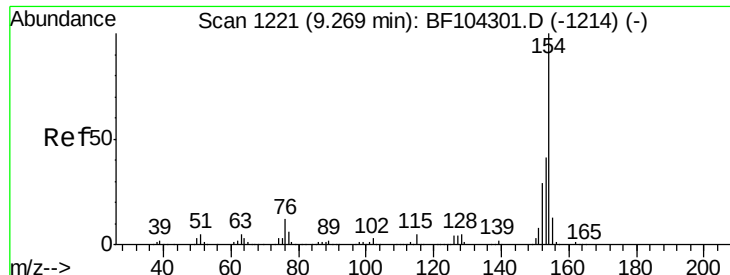
#44
 2-Fluorobiphenyl
 Concen: 91.581 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	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: 47.780 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

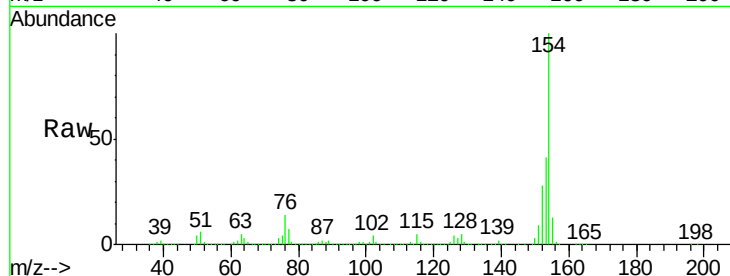
Tot Ion:154 Resp: 894632

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

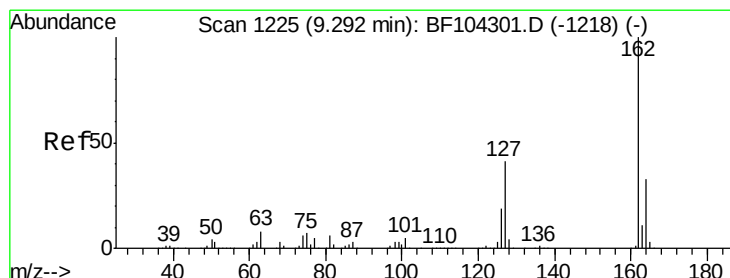
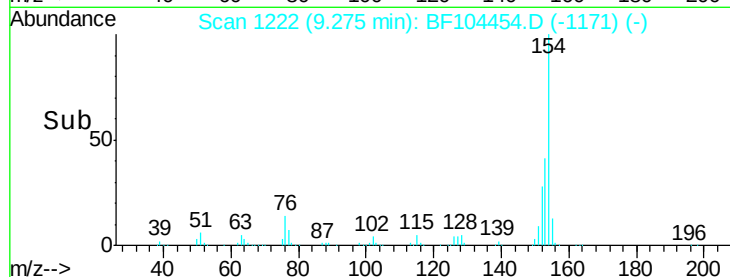
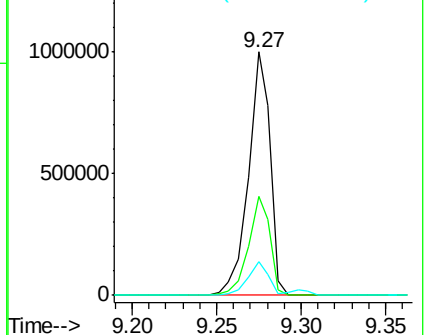
76 13.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.607 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

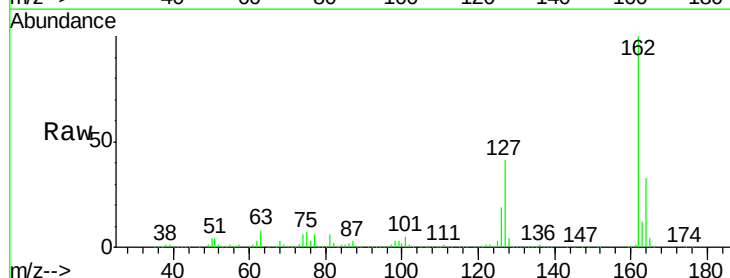
Tgt Ion:162 Resp: 704091

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

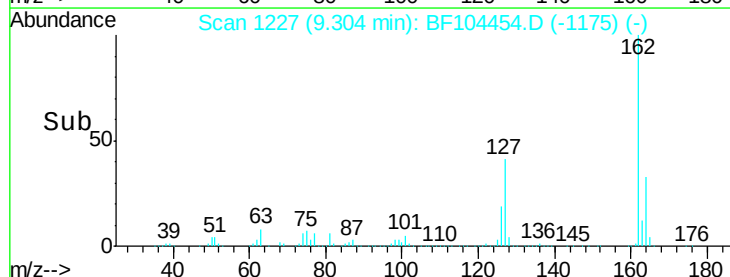
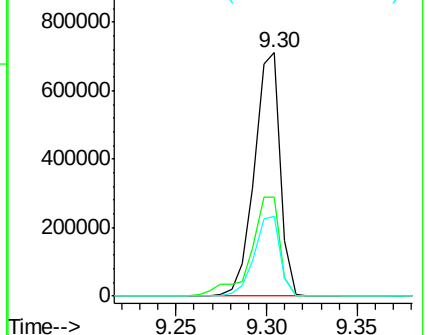
164 32.9 26.5 39.7

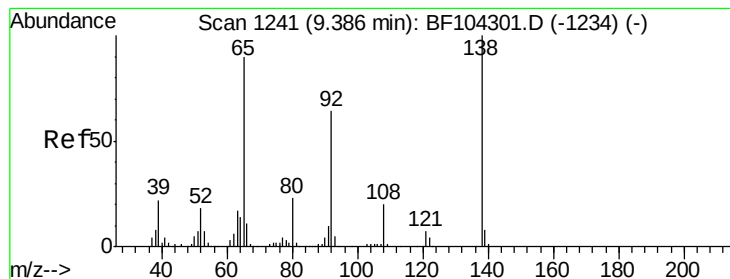


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 60.155 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

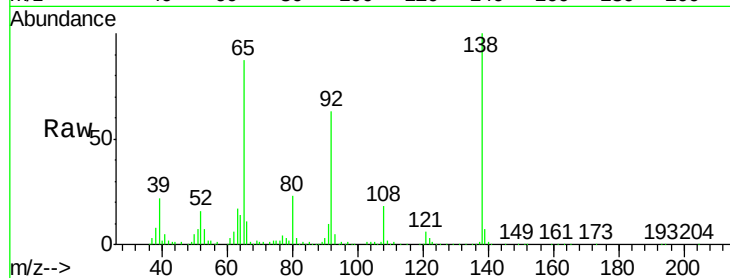
Tot Ion: 65 Resp: 220015

Ion Ratio Lower Upper

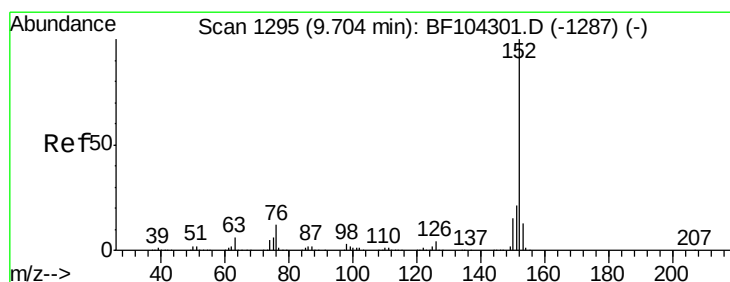
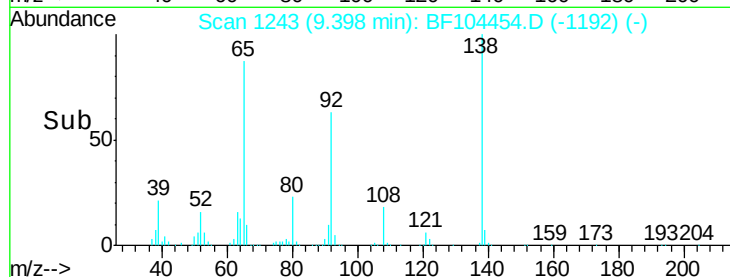
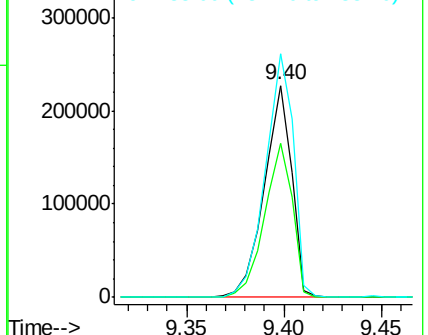
65 100

92 72.5 55.8 83.6

138 114.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.271 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

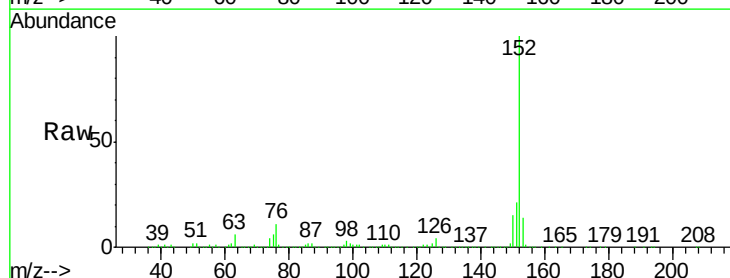
Tgt Ion: 152 Resp: 1004091

Ion Ratio Lower Upper

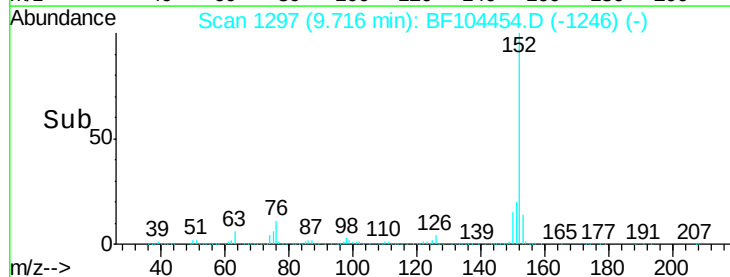
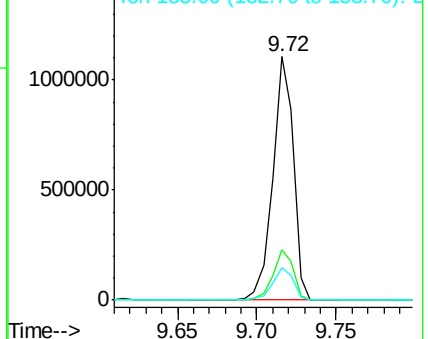
152 100

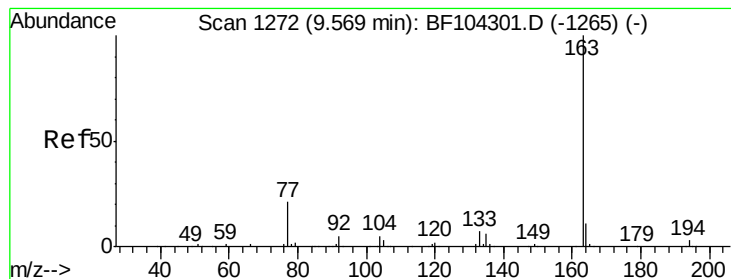
151 20.5 16.3 24.5

153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.548 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

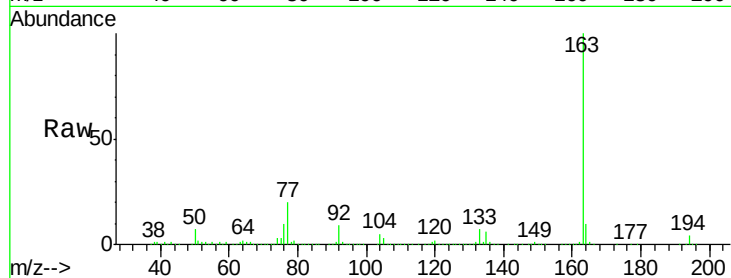
Tot Ion:163 Resp: 906035

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

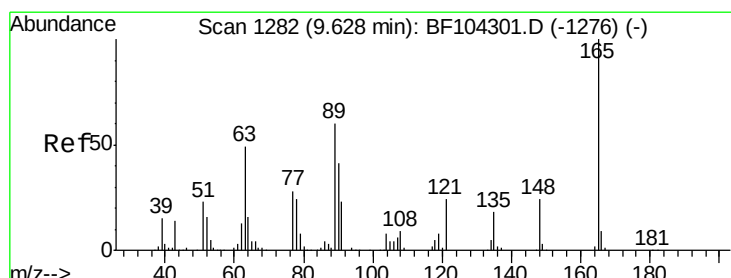
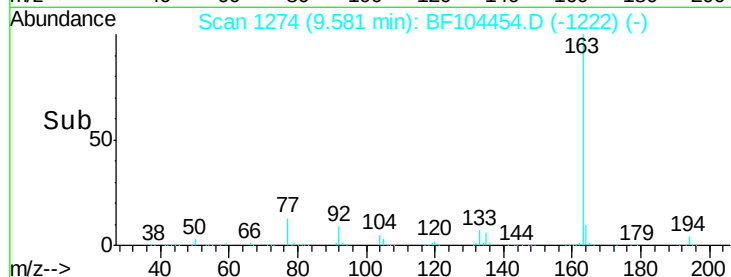
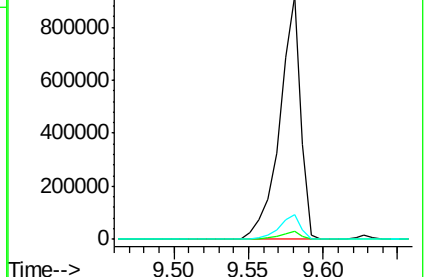
164 10.0 8.2 12.2



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: 56.431 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

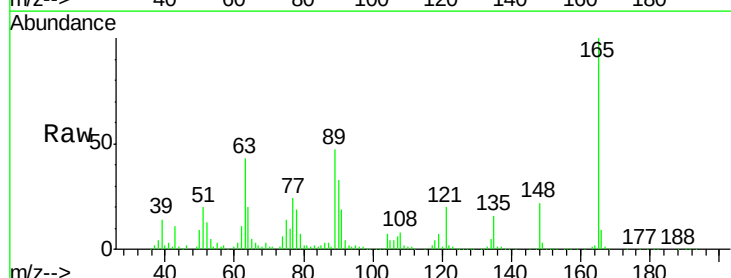
Tgt Ion:165 Resp: 183532

Ion Ratio Lower Upper

165 100

63 43.5 44.7 67.1#

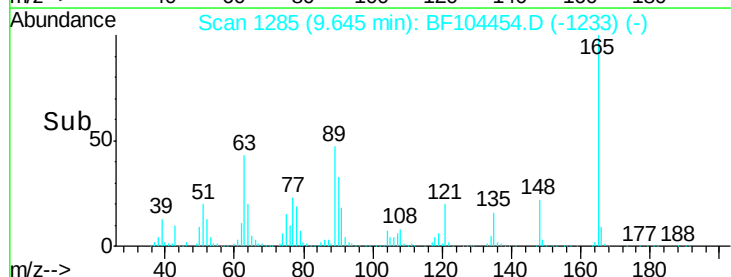
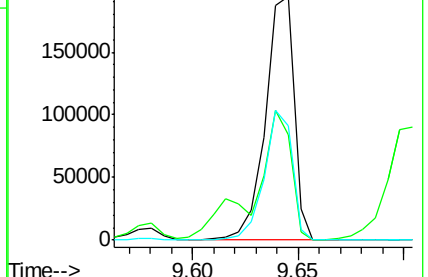
89 47.2 44.0 66.0

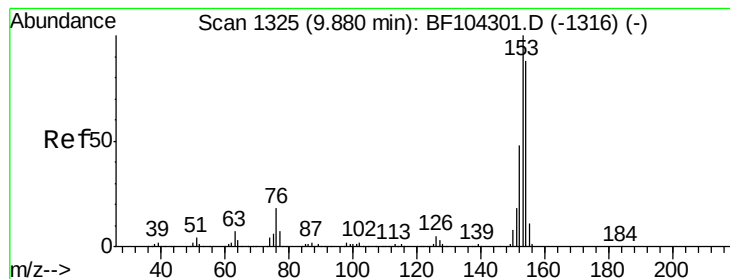


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.633 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

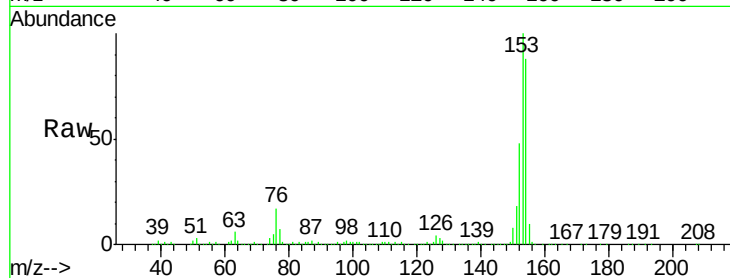
Tot Ion:154 Resp: 617751

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

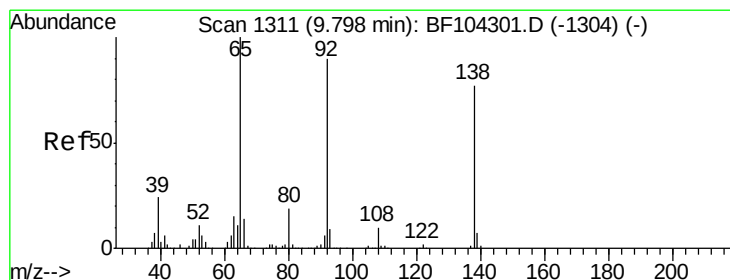
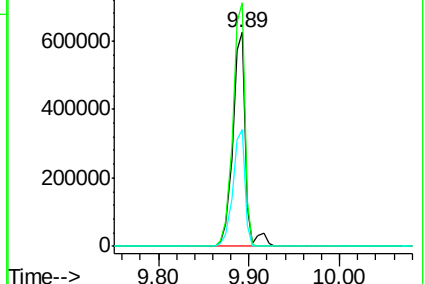
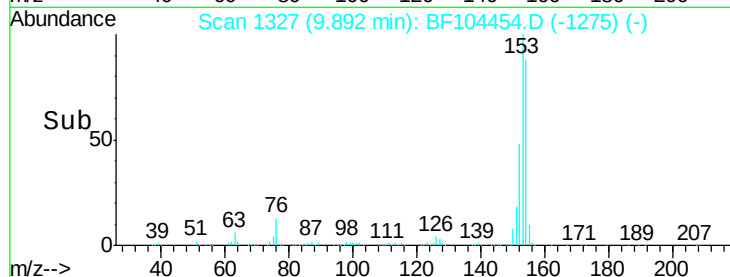
152 54.5 43.8 65.8



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: 34.264 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

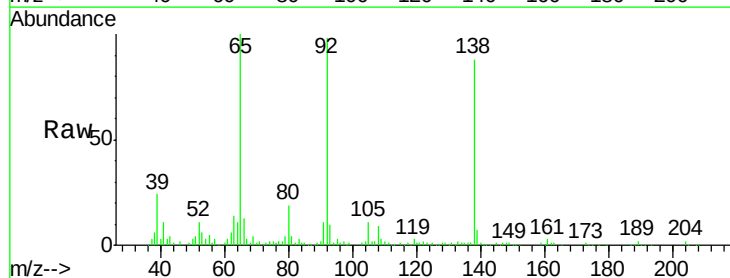
Tgt Ion:138 Resp: 130459

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

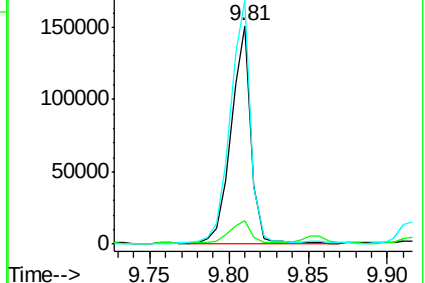
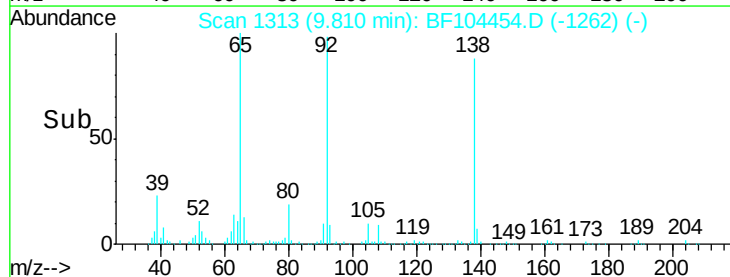
92 111.6 89.4 134.2

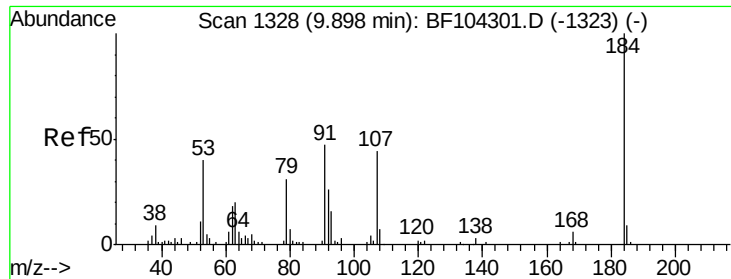


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

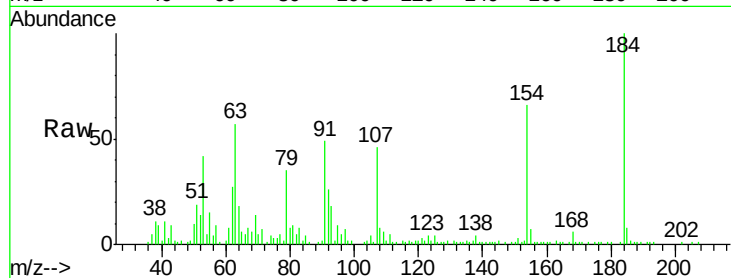




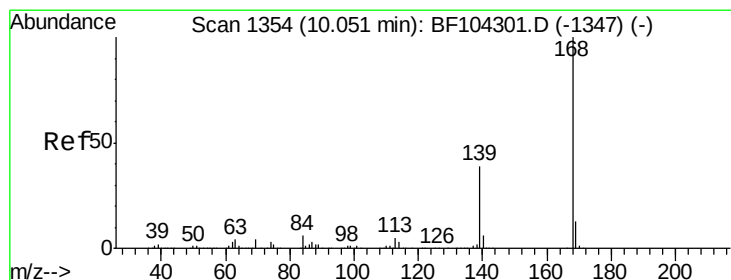
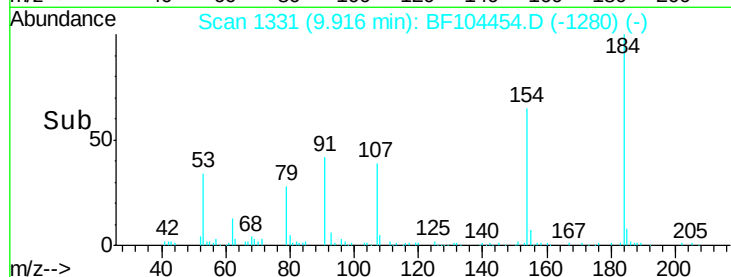
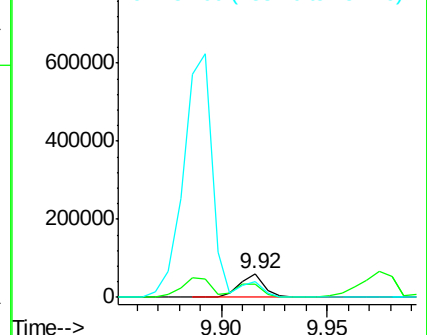
#53
2,4-Dinitrophenol
Concen: 46.044 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 48481
Ion Ratio Lower Upper
184 100
63 57.4 54.2 81.2
154 66.0 184.0 276.0#

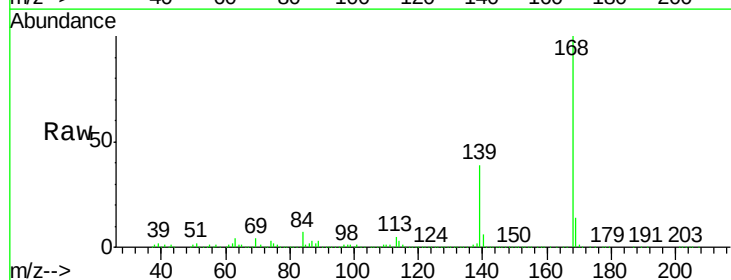


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

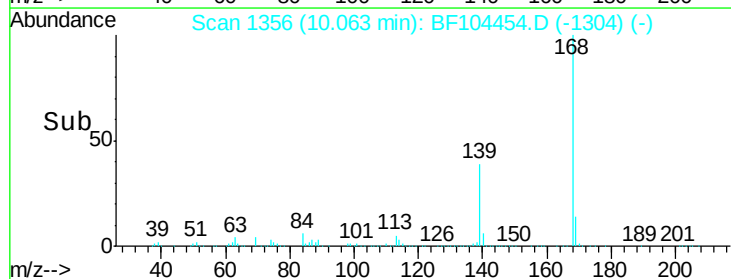
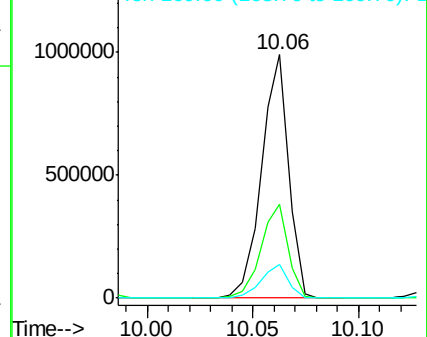


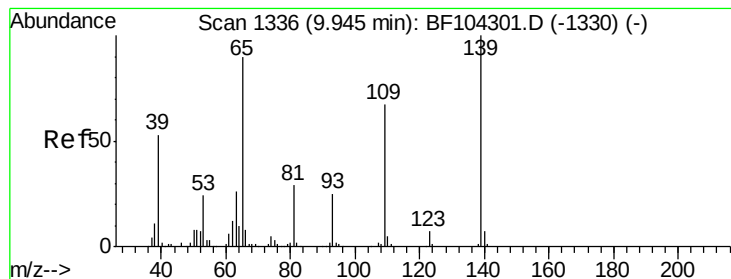
#54
Dibenzofuran
Concen: 44.733 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:168 Resp: 882610
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.6 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: 96.233 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

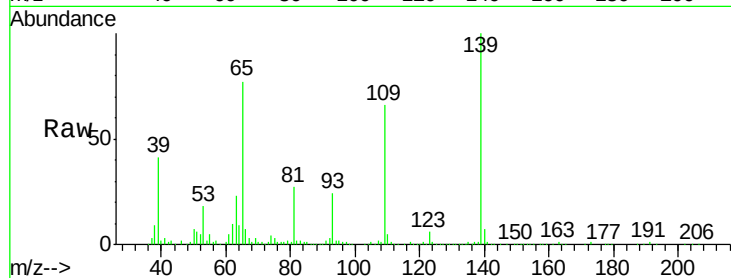
Tot Ion:139 Resp: 287824

Ion Ratio Lower Upper

139 100

109 65.7 48.4 88.4

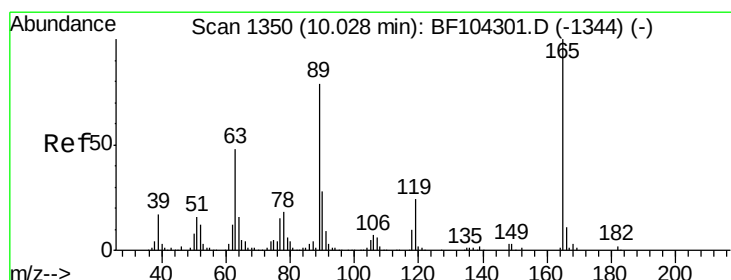
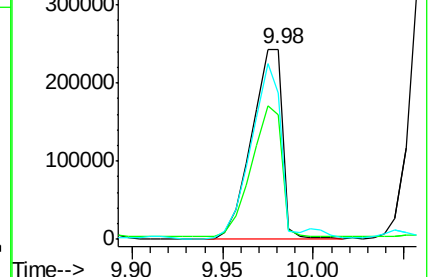
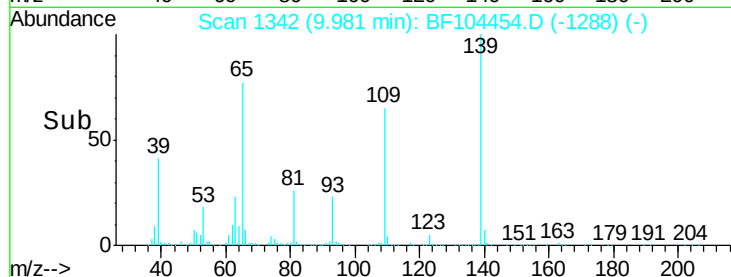
65 77.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 52.371 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:165 Resp: 223418

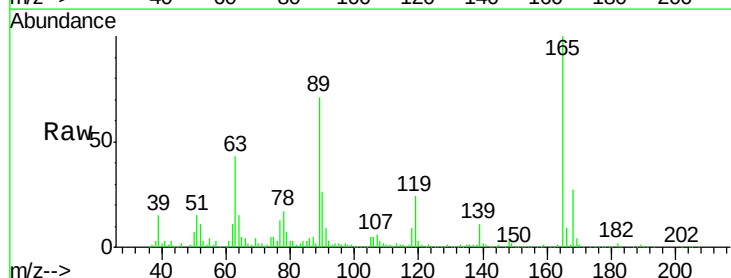
Ion Ratio Lower Upper

165 100

63 42.5 36.4 54.6

89 71.3 57.8 86.6

182 2.4 1.6 2.4#

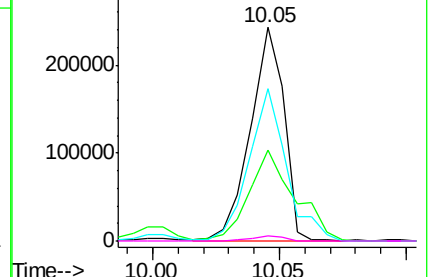
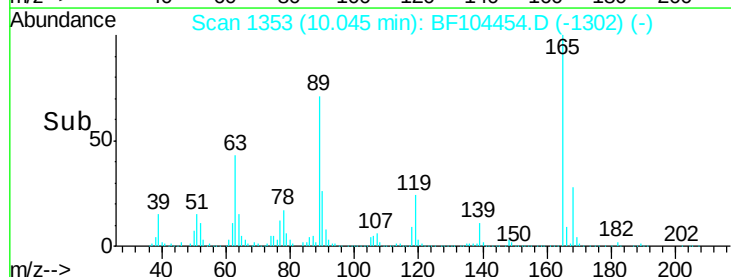


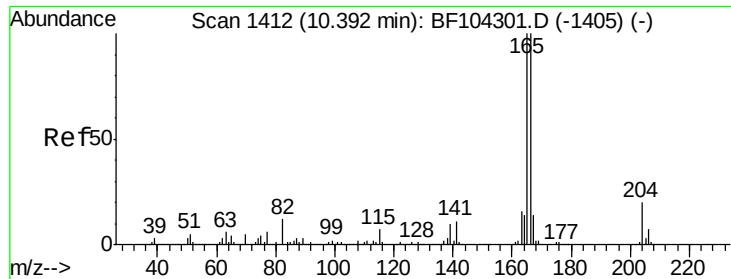
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

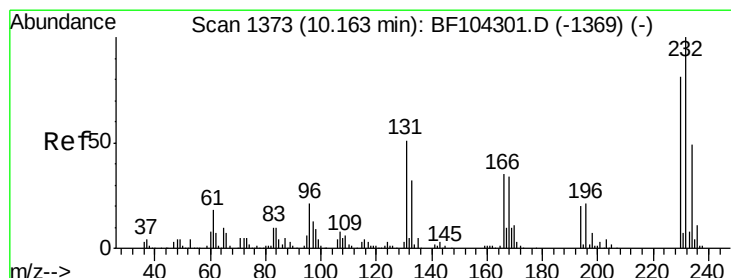
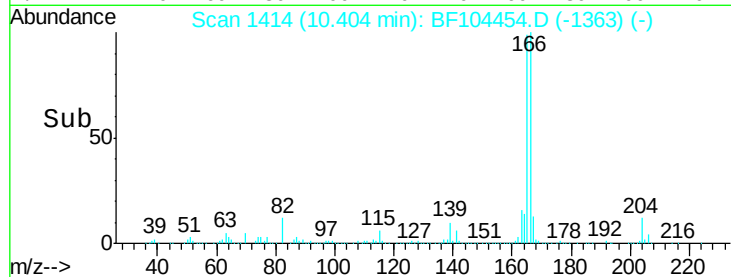
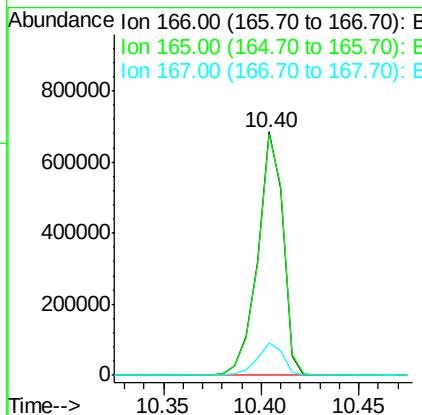
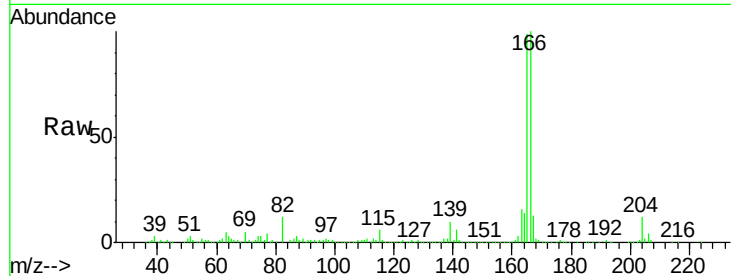




#57
 Fluorene
 Concen: 42.271 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

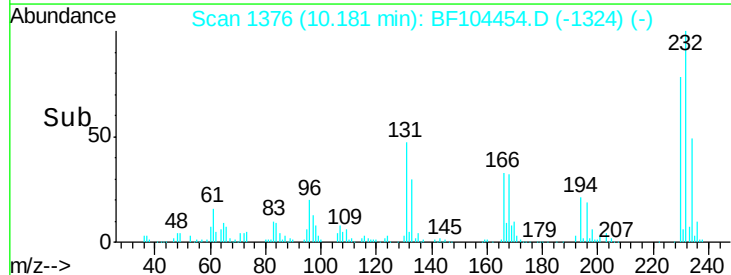
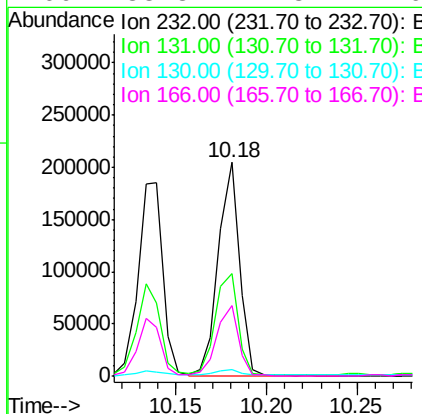
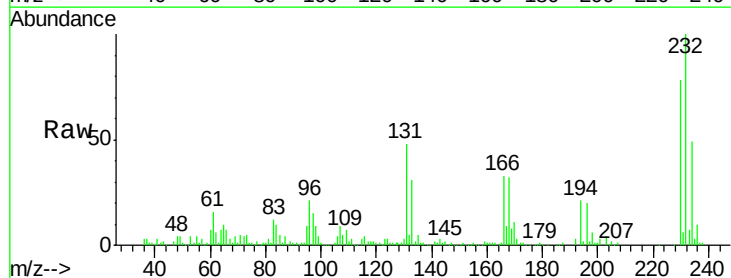
Instrument :
 BNA_F
 ClientSampleId :

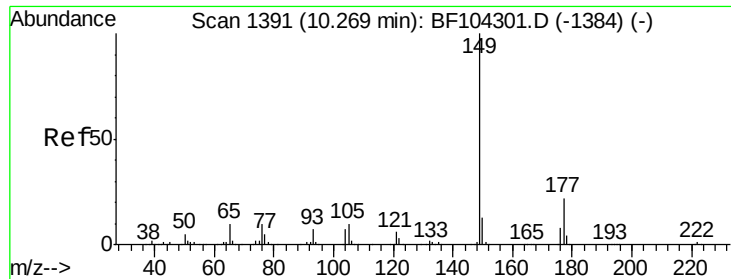
Tot Ion:166 Resp: 607067
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.340 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:232 Resp: 167651
 Ion Ratio Lower Upper
 232 100
 131 50.9 43.8 65.8
 130 3.4 2.1 3.1#
 166 33.3 27.8 41.6

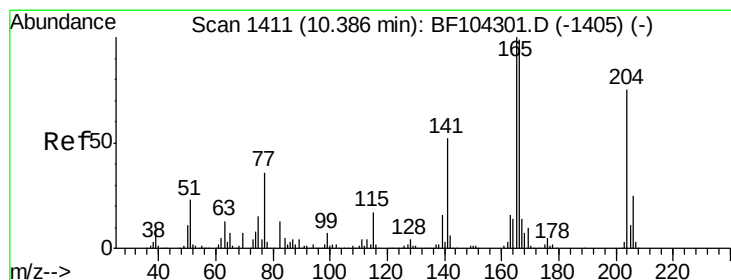
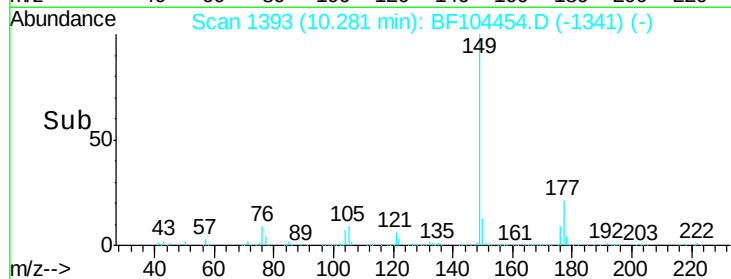
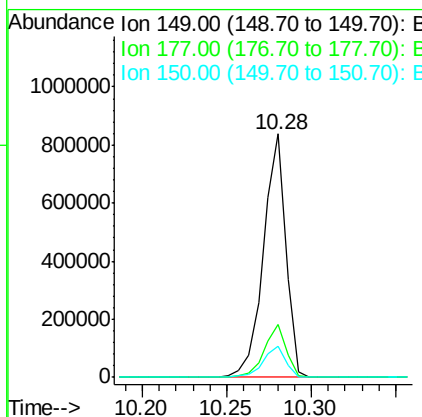
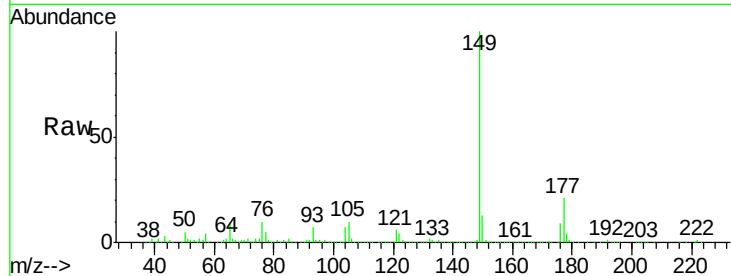




#59
Diethylphthalate
Concen: 43.889 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

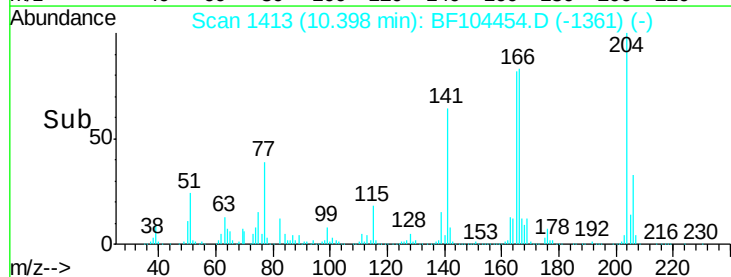
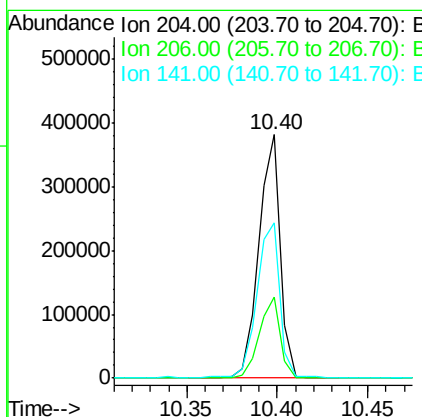
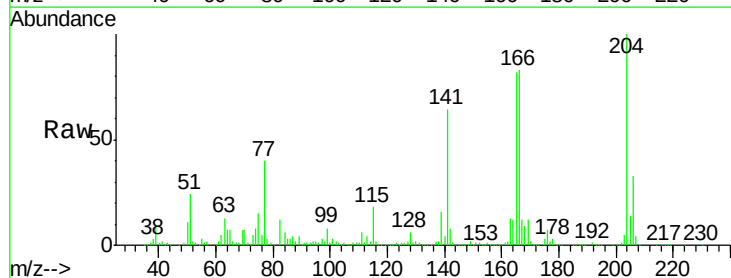
Instrument :
BNA_F
ClientSampleId :

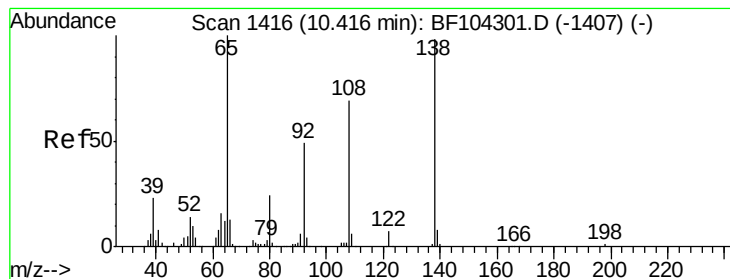
Tot Ion:149 Resp: 768270
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.949 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:204 Resp: 313066
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 63.7 54.6 81.8





#61

4-Nitroaniline

Concen: 43.065 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

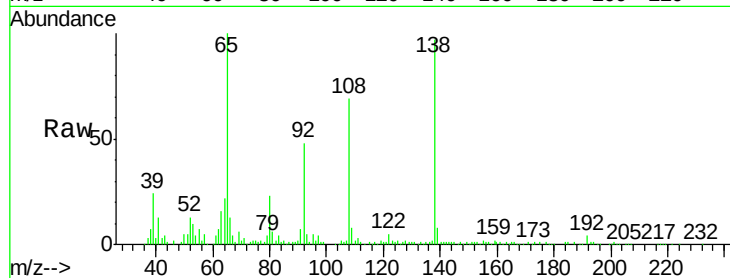
Tot Ion:138 Resp: 160326

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

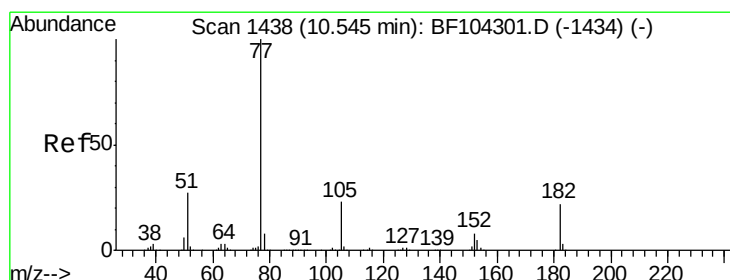
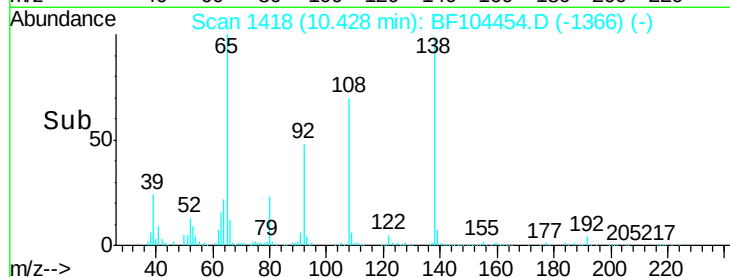
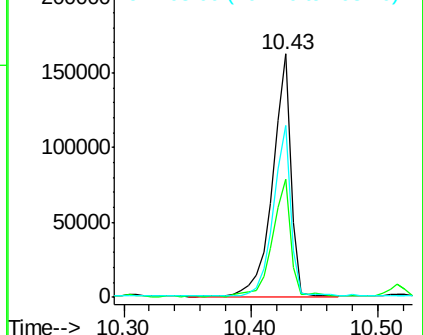
108 70.7 52.5 92.5



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: 41.757 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion: 77 Resp: 698338

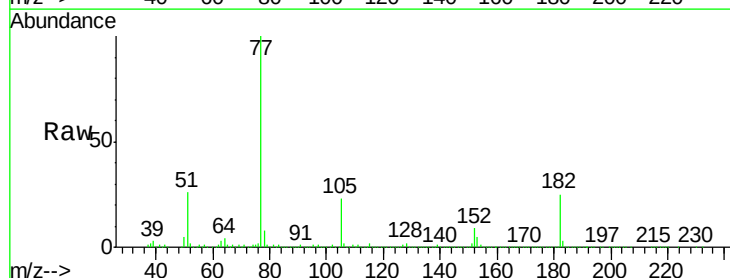
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 23.2 3.0 43.0

51 26.3 9.9 49.9

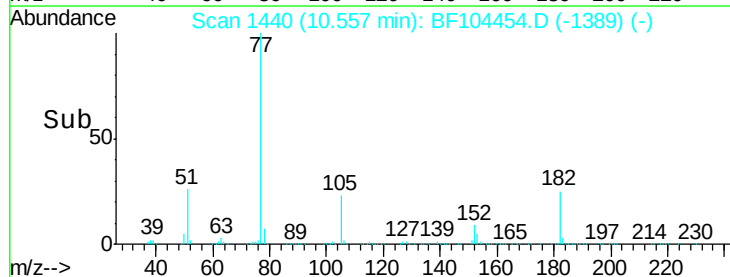
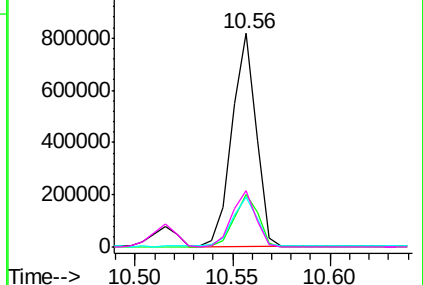


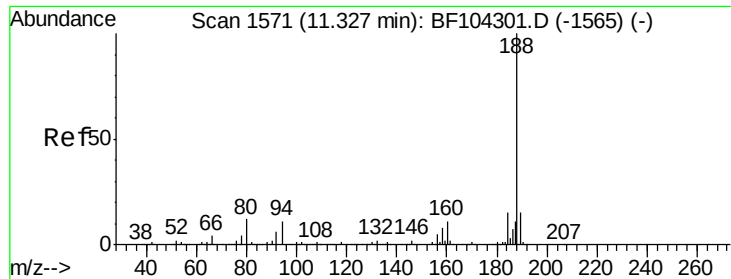
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

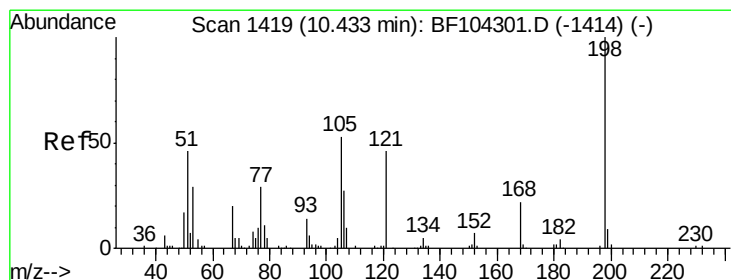
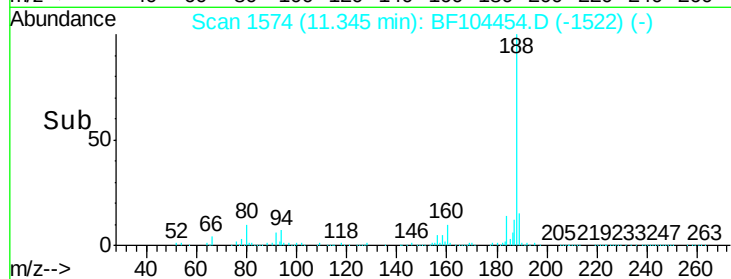
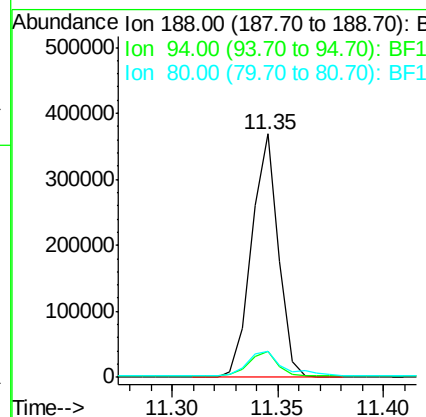
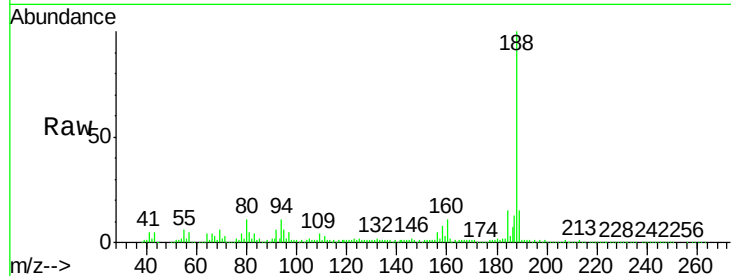




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

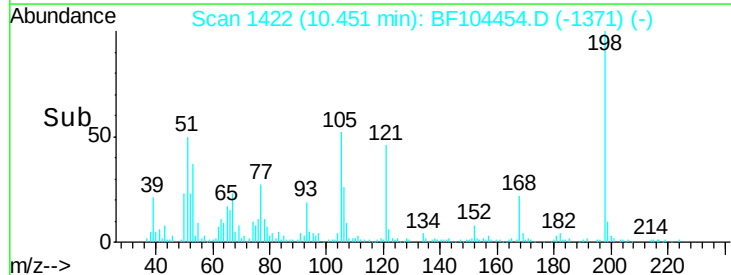
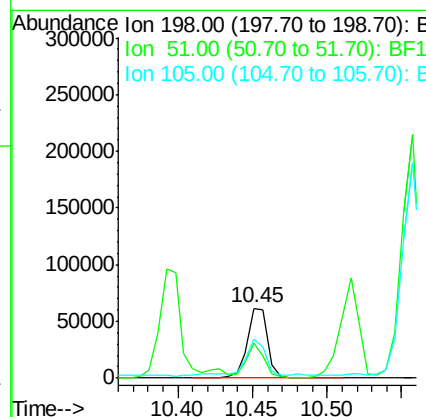
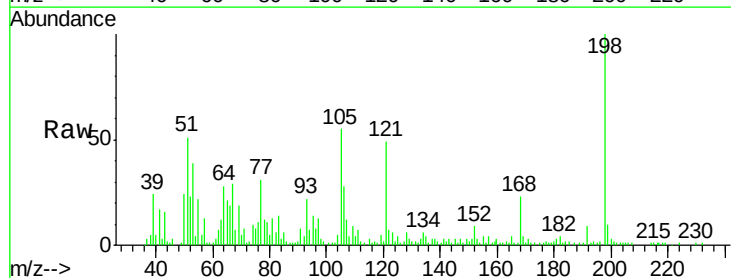
Instrument :
BNA_F
ClientSampled :

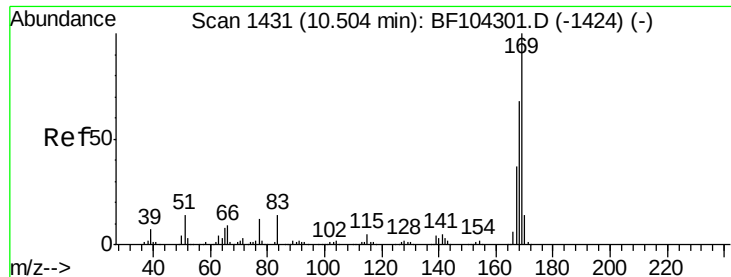
Tot Ion:188 Resp: 322236
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.829 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:198 Resp: 58335
Ion Ratio Lower Upper
198 100
51 50.8 37.7 77.7
105 55.3 36.3 76.3

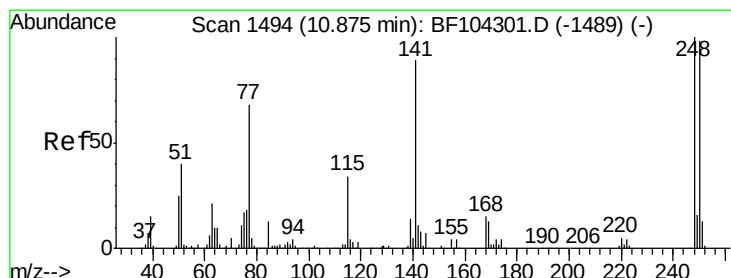
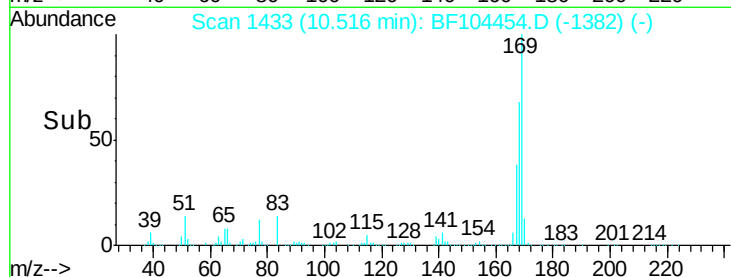
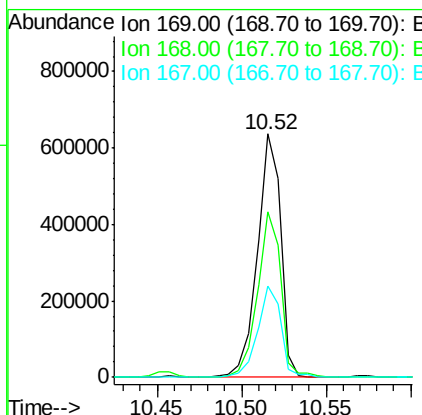
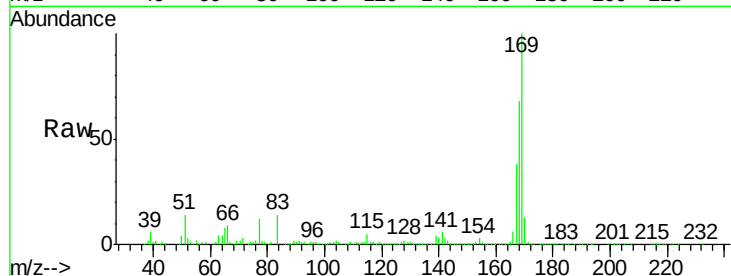




#65
 n-Nitrosodiphenylamine
 Concen: 54.871 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

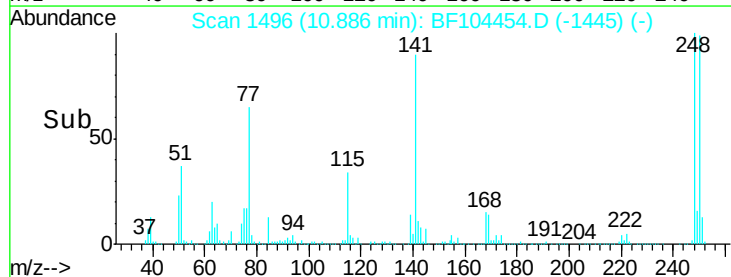
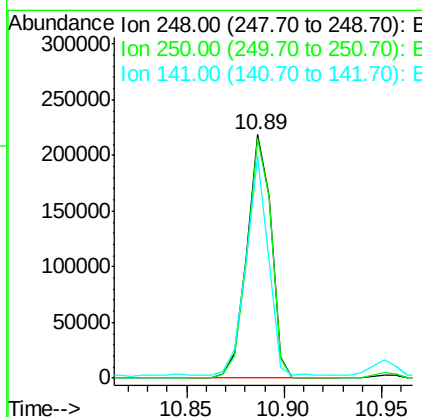
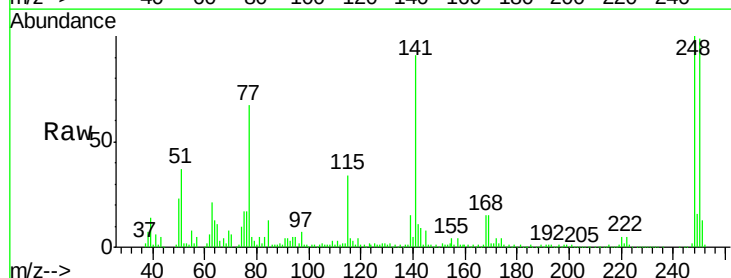
Instrument :
 BNA_F
 ClientSampleId :

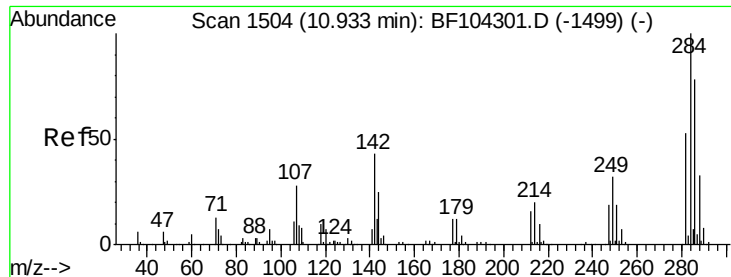
Tot Ion	169	Resp	613061
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	68.0		
167	37.6		



#66
 4-Bromophenyl-phenylether
 Concen: 55.230 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	248	Resp	189305
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	98.6		
141	91.1		





#67

Hexachlorobenzene

Concen: 50.915 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

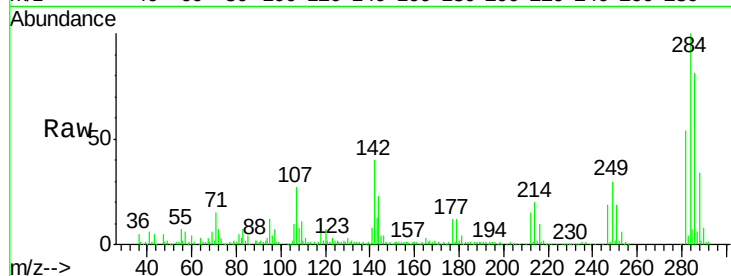
Tot Ion:284 Resp: 196366

Ion Ratio Lower Upper

284 100

142 39.5 34.6 52.0

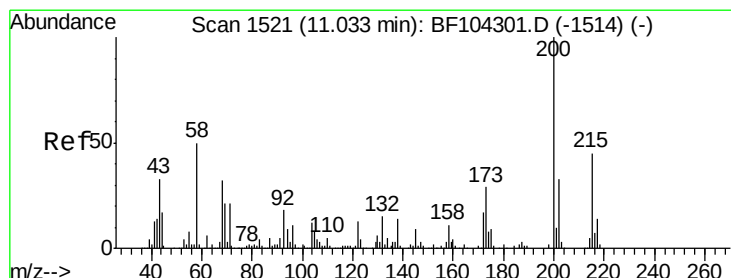
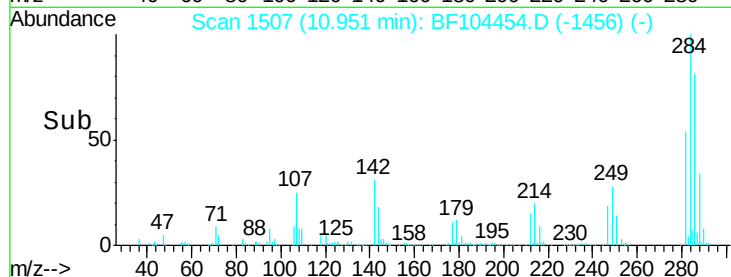
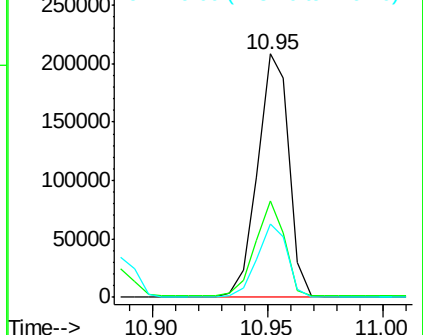
249 30.4 24.8 37.2



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: 53.585 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

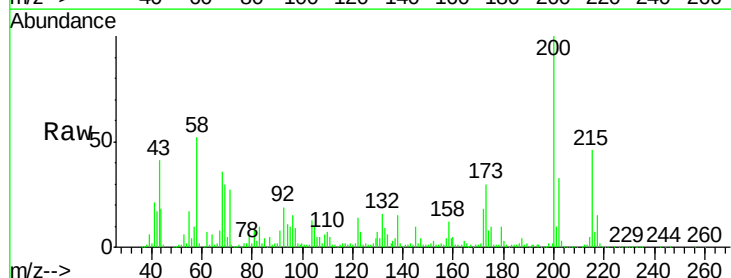
Tgt Ion:200 Resp: 180714

Ion Ratio Lower Upper

200 100

173 30.0 8.6 48.6

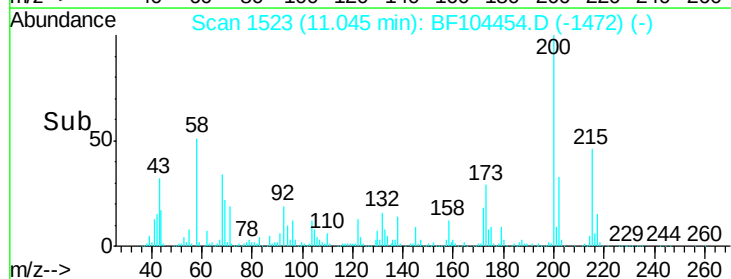
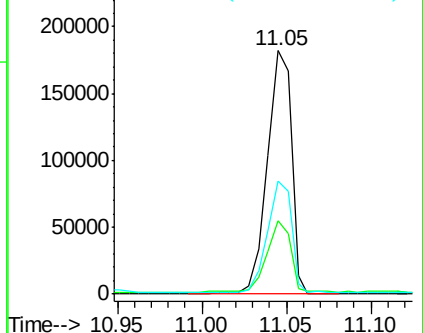
215 46.5 25.1 65.1

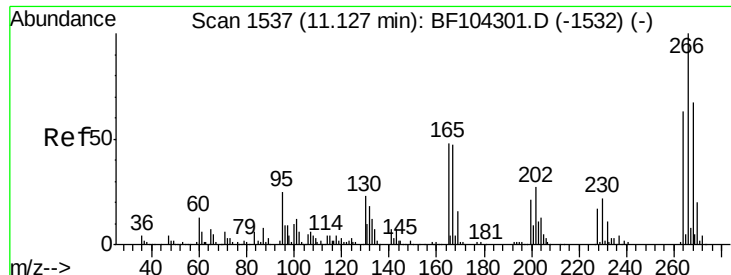


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

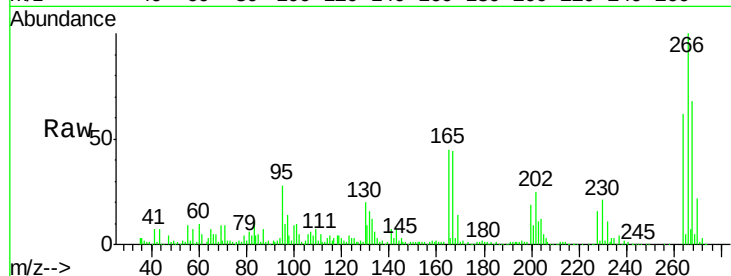




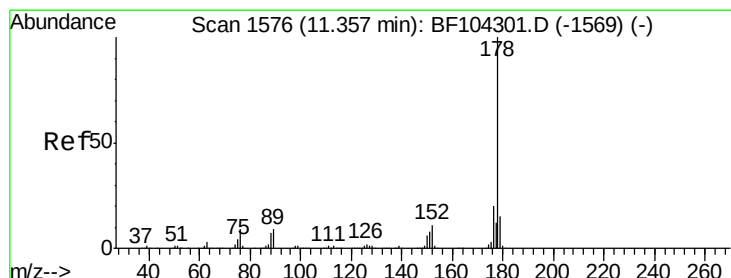
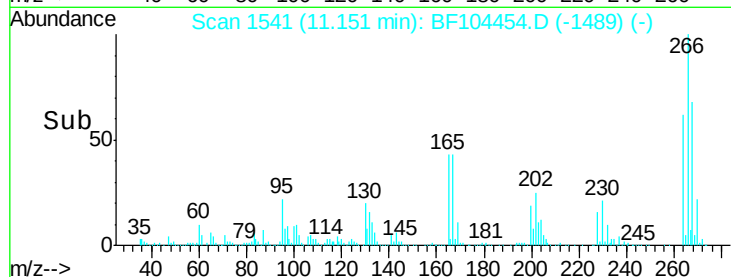
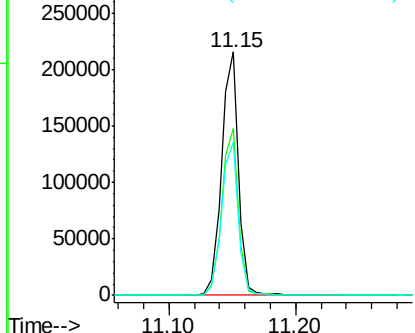
#69
 Pentachlorophenol
 Concen: 84.351 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	62.5	49.5	74.3

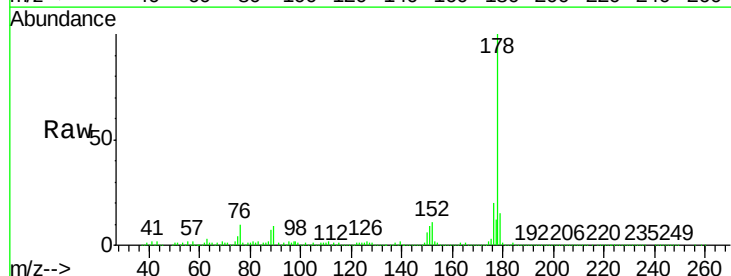


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

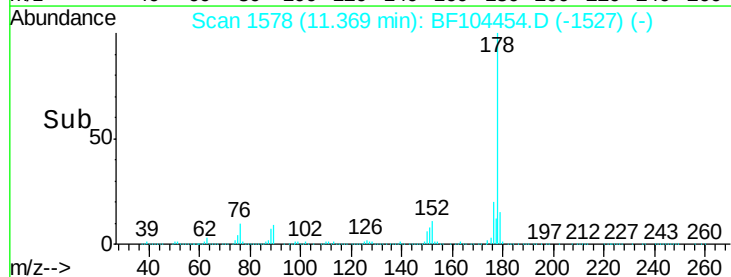
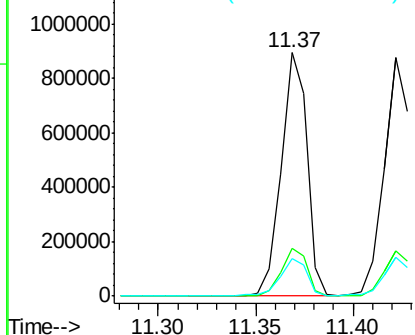


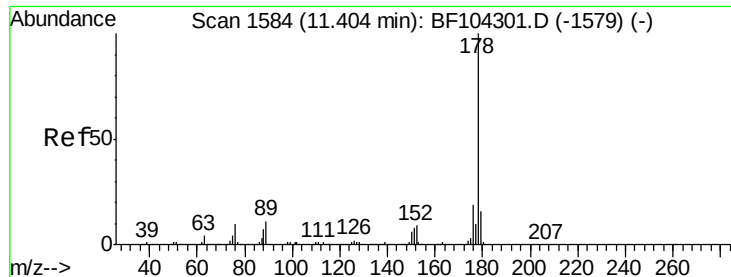
#70
 Phenanthrene
 Concen: 45.432 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



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

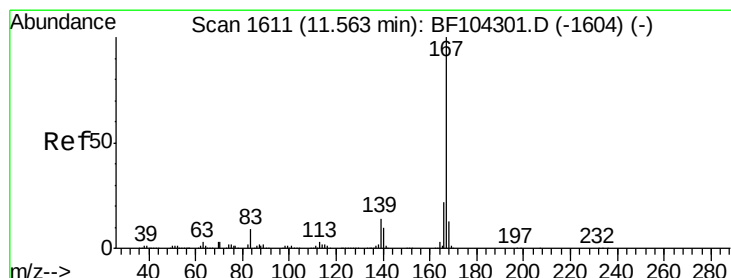
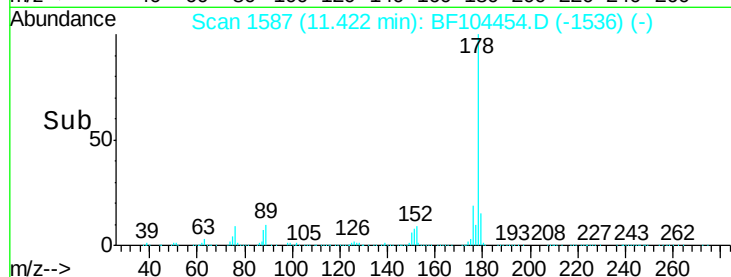
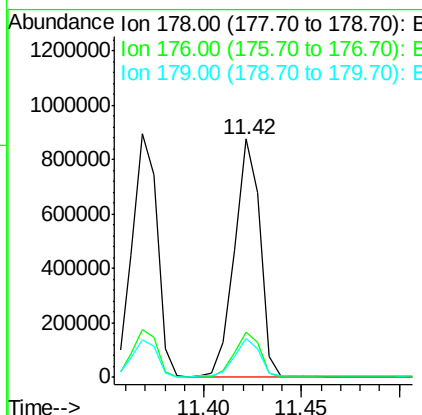
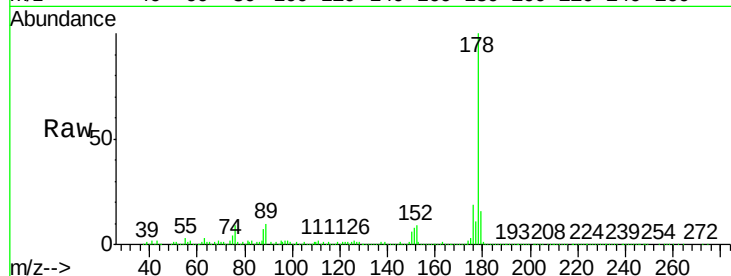




#71
 Anthracene
 Concen: 43.349 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

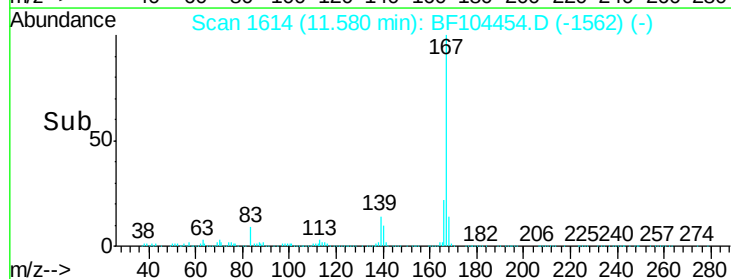
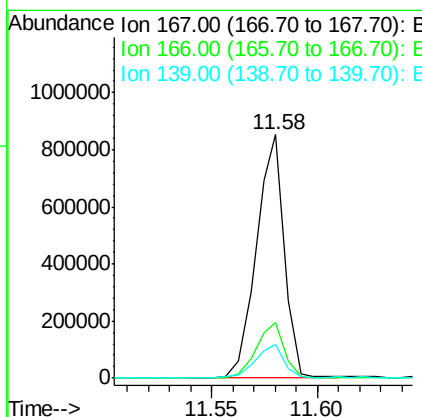
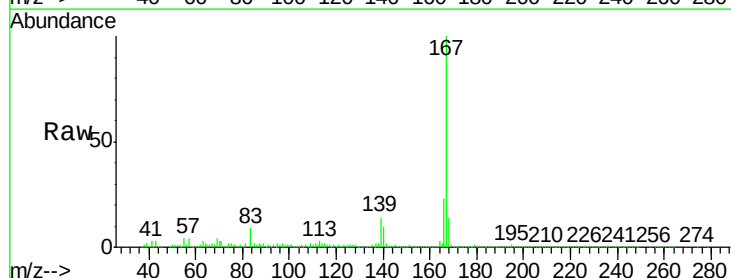
Instrument :
 BNA_F
 ClientSampleID :

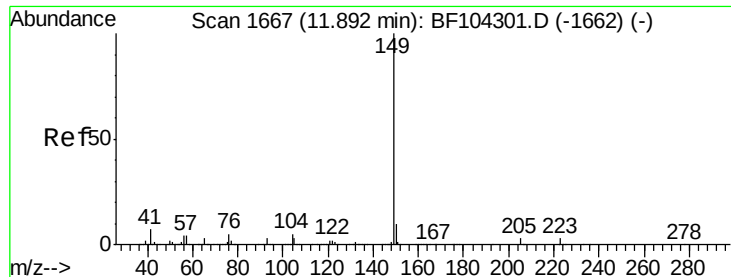
Tot Ion:178 Resp: 790739
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 43.276 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:167 Resp: 771400
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.375 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

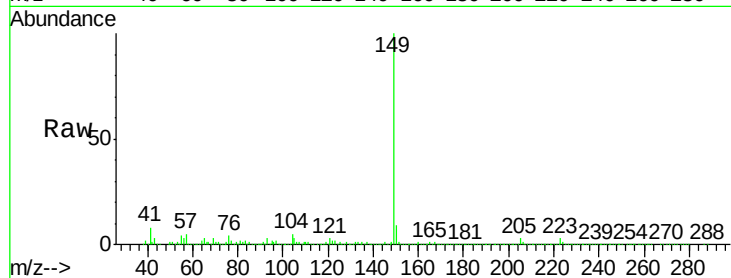
Tot Ion:149 Resp: 988009

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

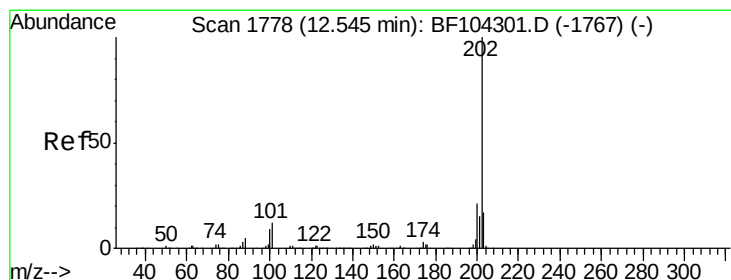
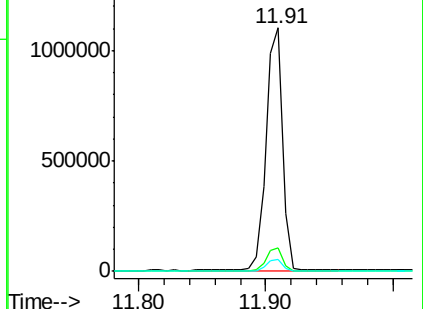
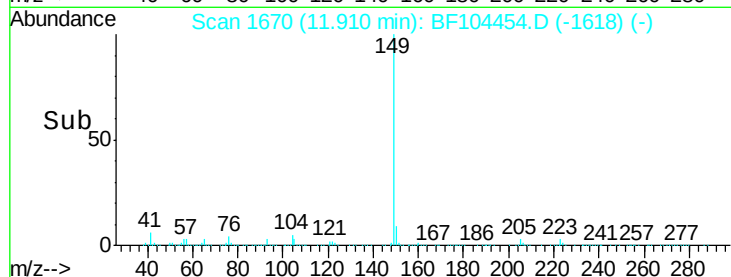
104 4.8 3.8 5.8



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: 39.405 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.02 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

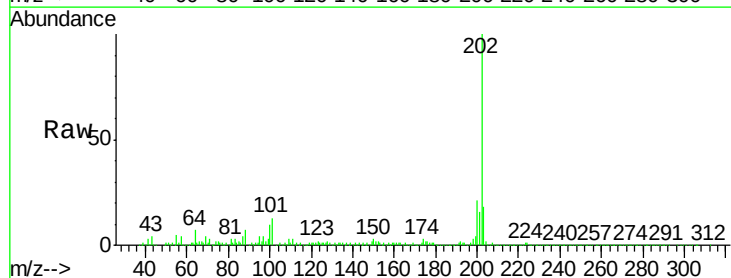
Tgt Ion:202 Resp: 738809

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

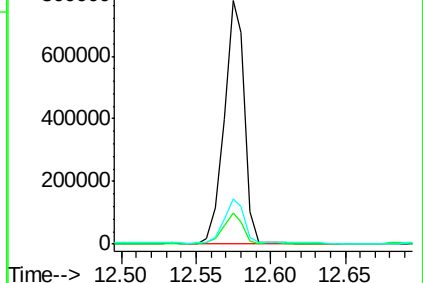
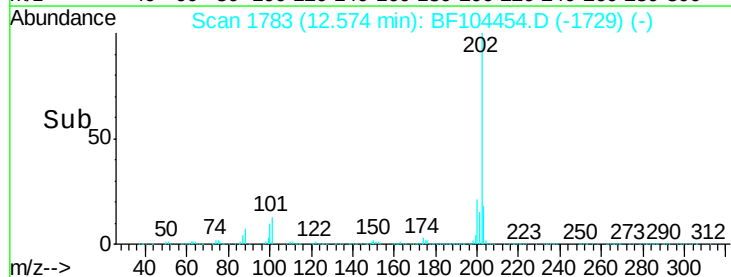
203 18.4 0.0 38.1

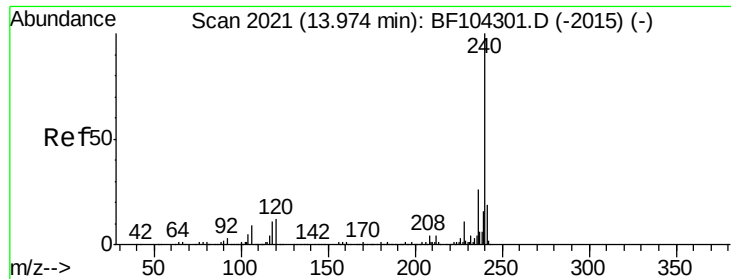


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

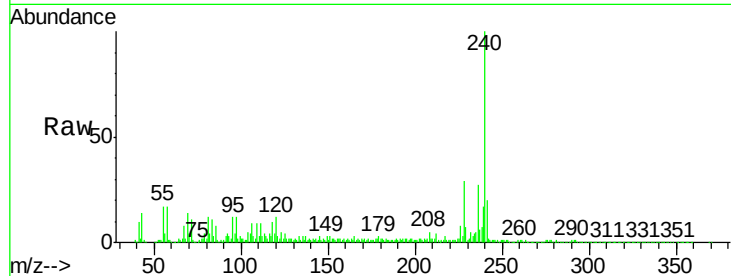
Tot Ion:240 Resp: 220517

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

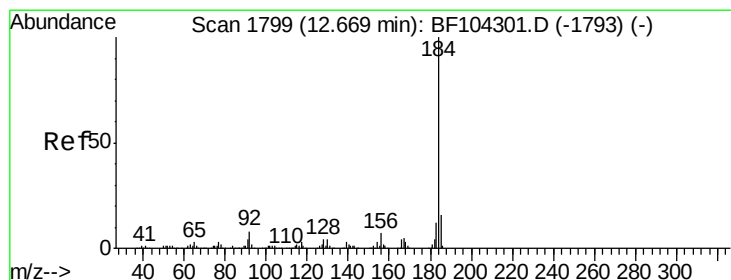
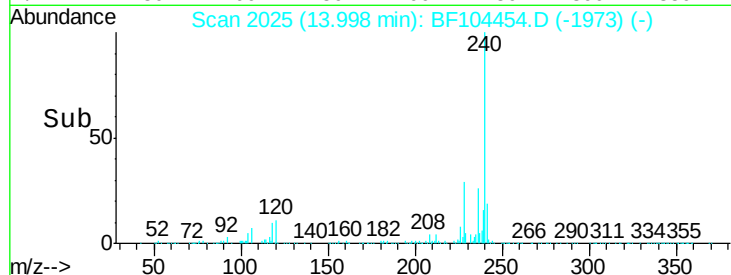
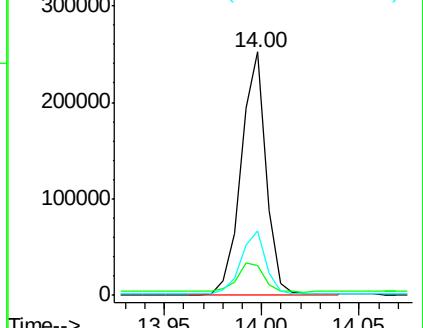
236 26.6 20.7 31.1



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: 47.130 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

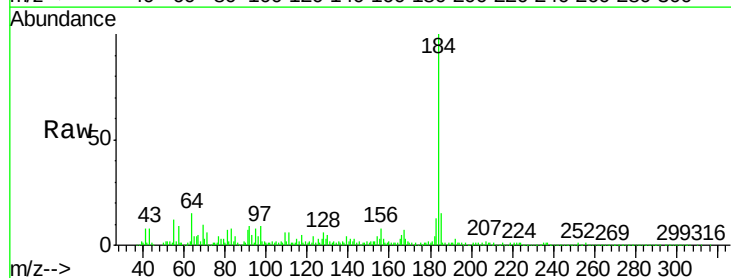
Tgt Ion:184 Resp: 335492

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

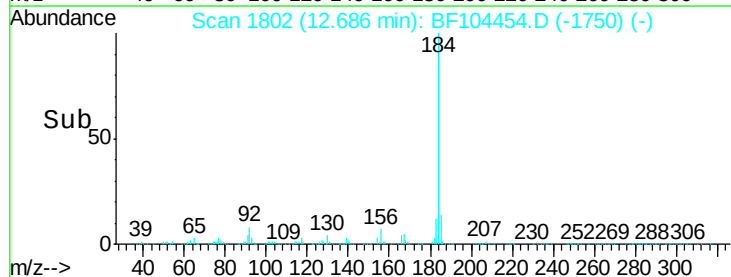
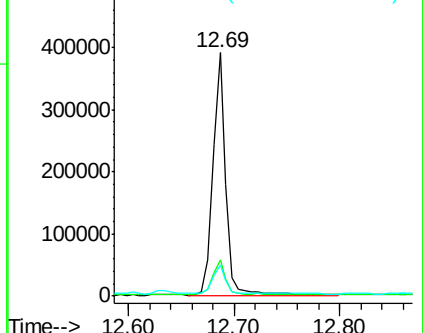
183 12.9 9.3 13.9

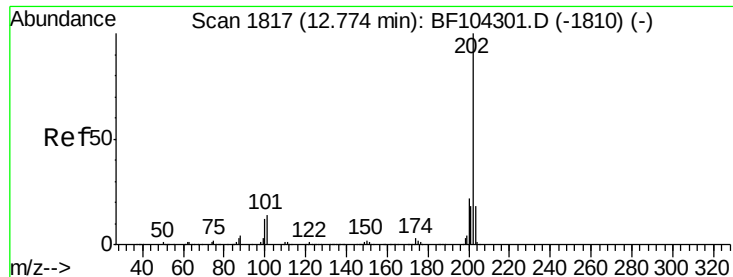


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

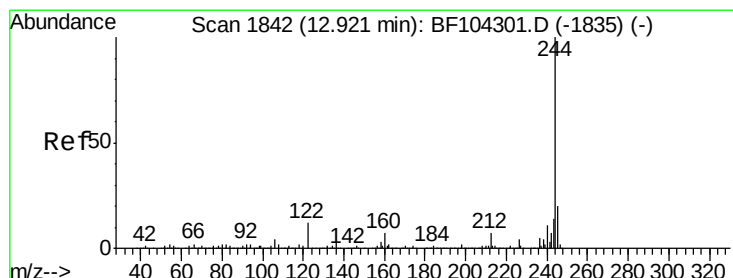
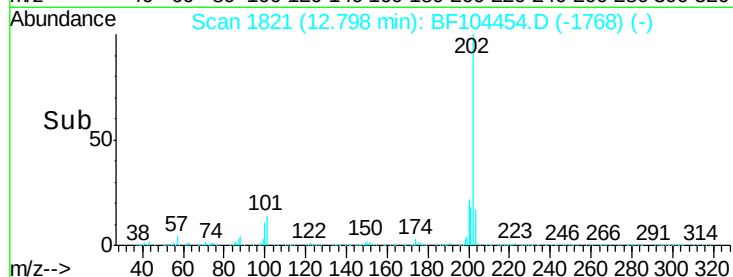
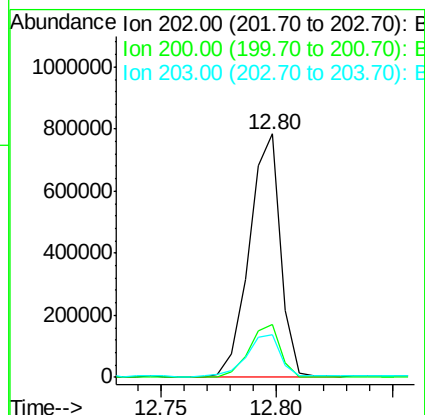
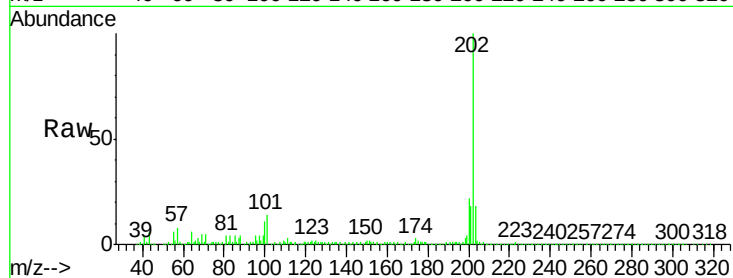




#77
Pvrene
Concen: 44.974 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

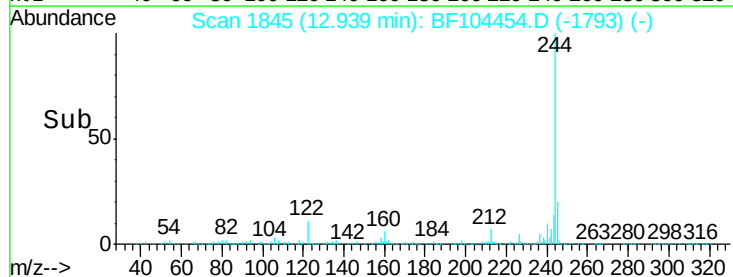
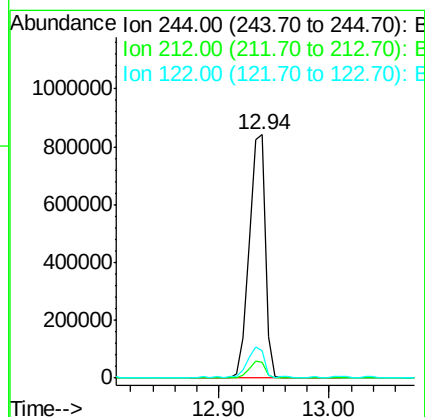
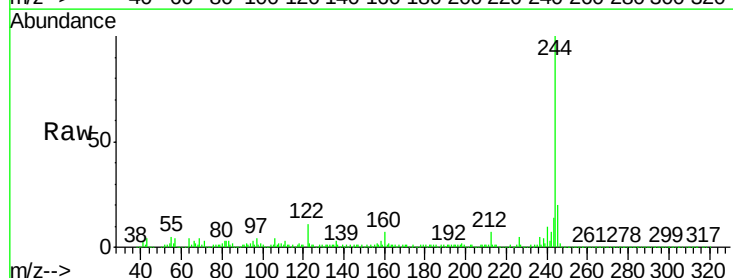
Instrument :
BNA_F
ClientSampled :

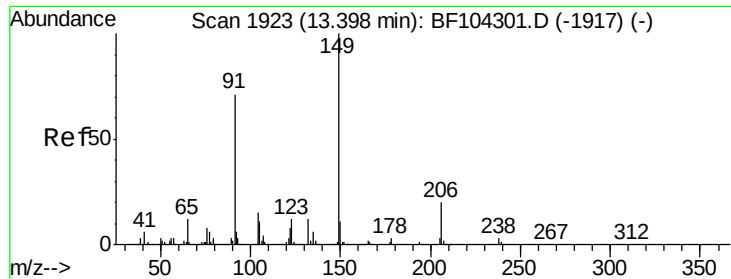
Tot Ion:202 Resp: 735128
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 89.097 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:244 Resp: 861792
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.0 11.0 16.4

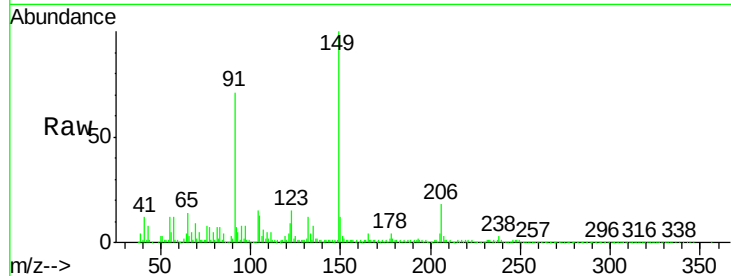




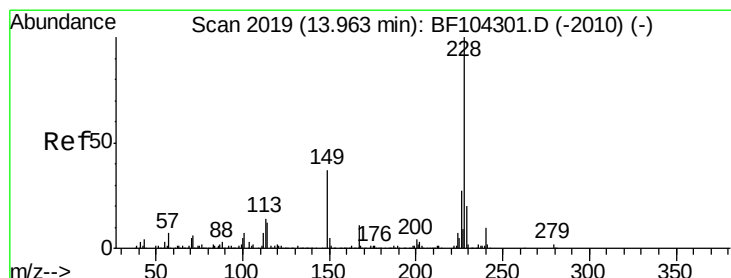
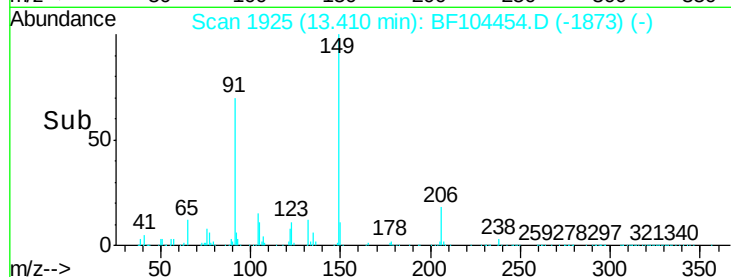
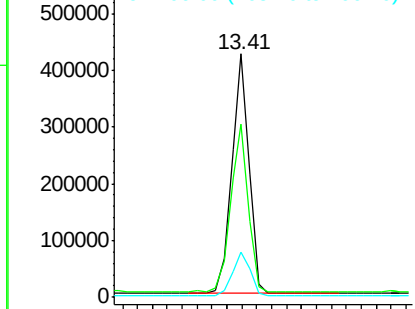
#79
Butylbenzylphthalate
Concen: 45.040 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 346835
Ion Ratio Lower Upper
149 100
91 71.3 56.8 85.2
206 18.5 14.1 21.1

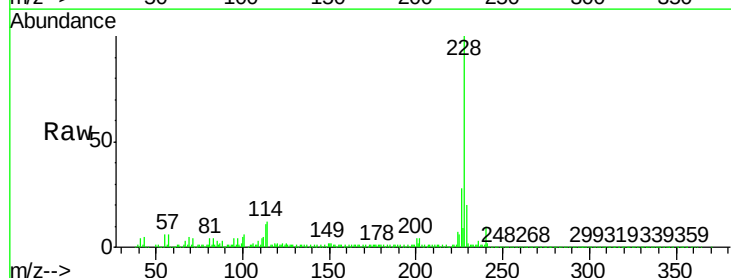


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

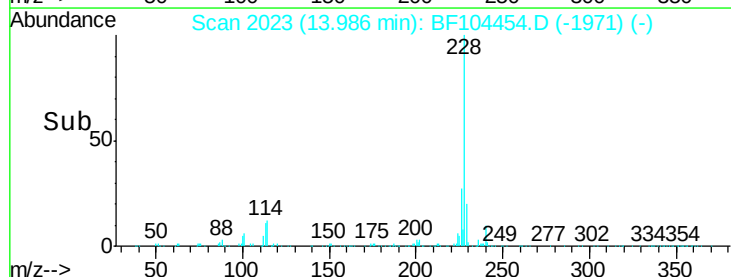
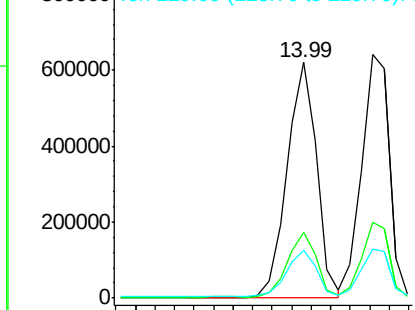


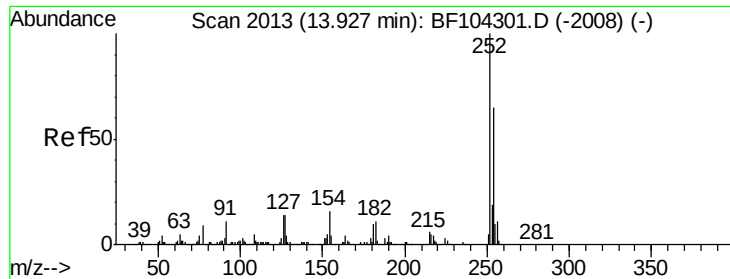
#80
Benzo(a)anthracene
Concen: 49.089 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:228 Resp: 646693
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.3 15.8 23.6



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

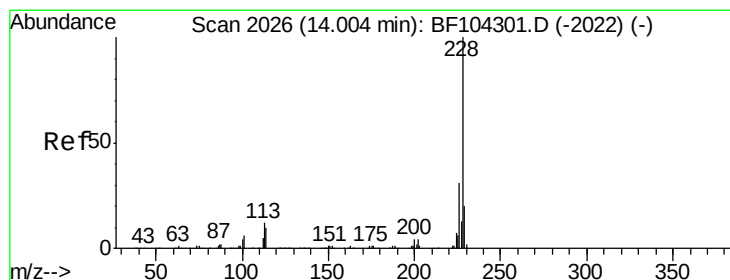
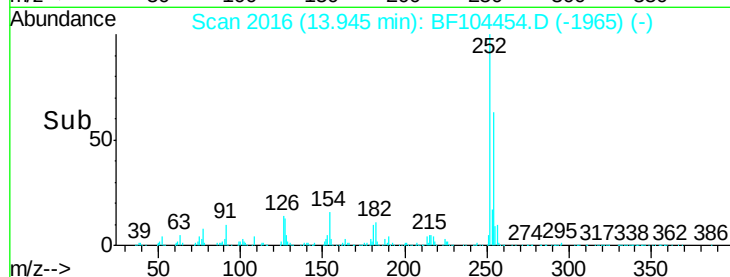
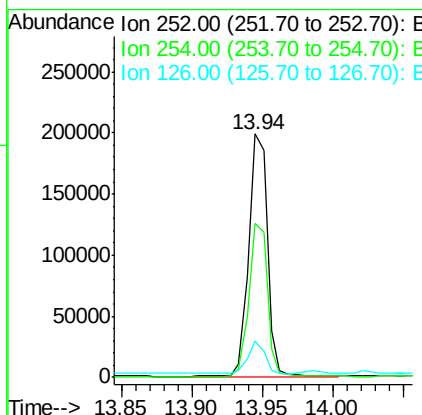
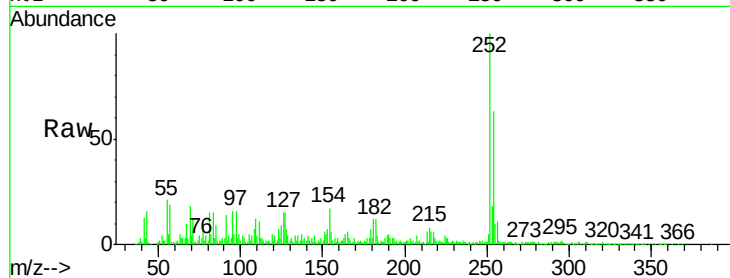




#81
 3,3'-Dichlorobenzidine
 Concen: 37.735 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

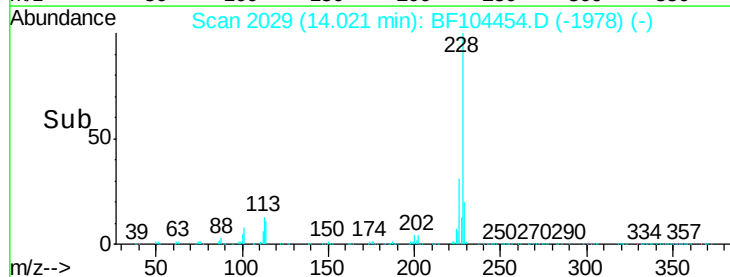
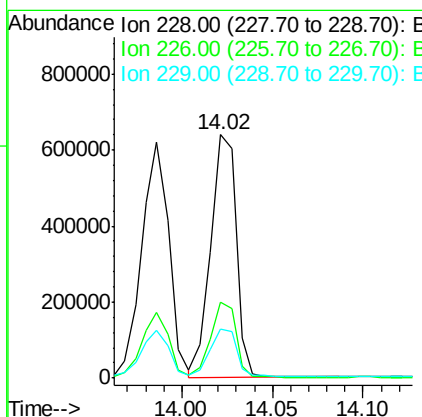
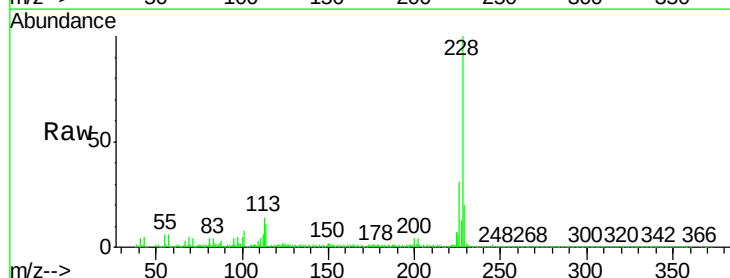
Instrument :
 BNA_F
 ClientSampleId :

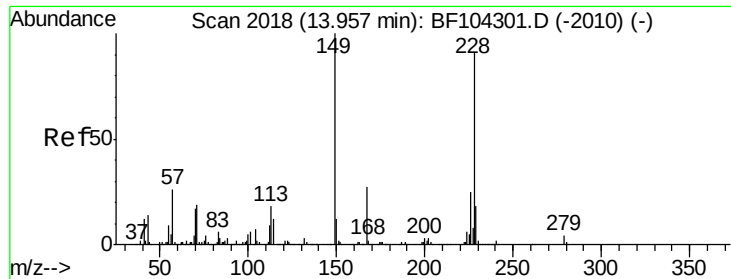
Tot Ion:252 Resp: 185354
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 15.0 11.3 16.9



#82
 Chrysene
 Concen: 46.415 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:228 Resp: 628070
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.3 16.2 24.4

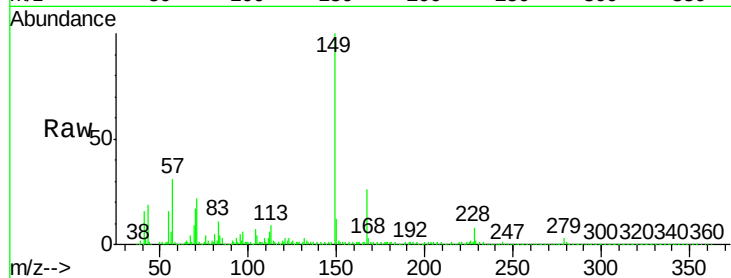




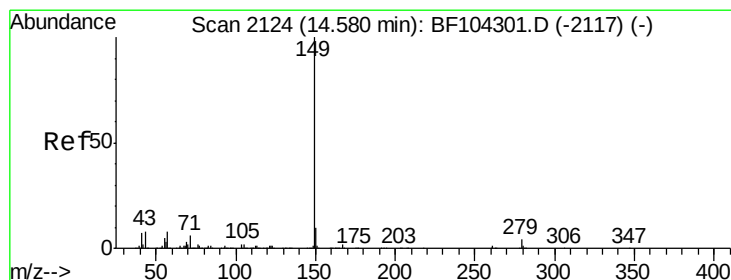
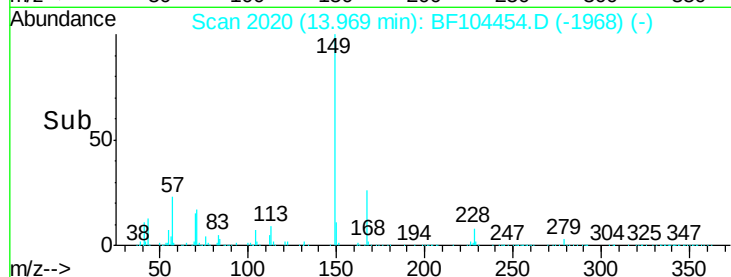
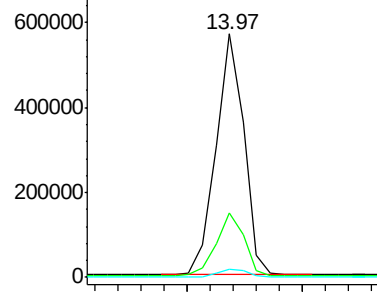
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.314 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 478540
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.3 3.0 4.4

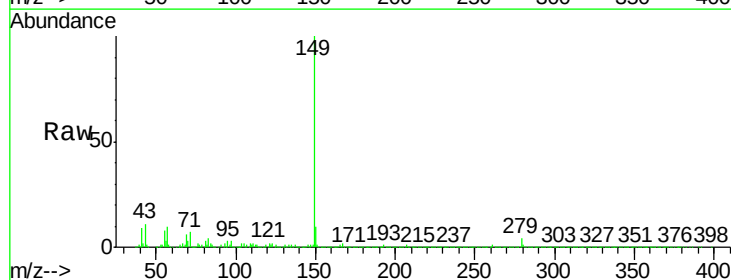


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

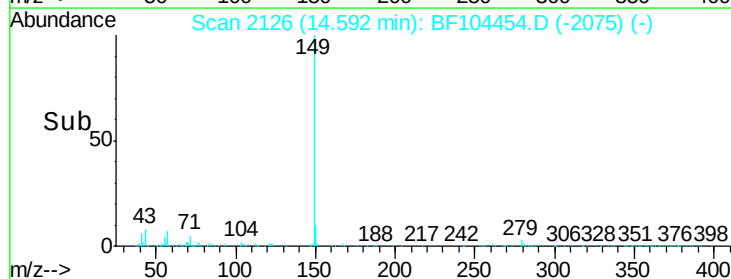
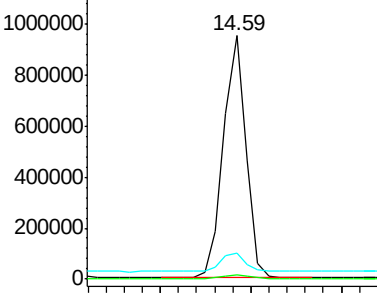


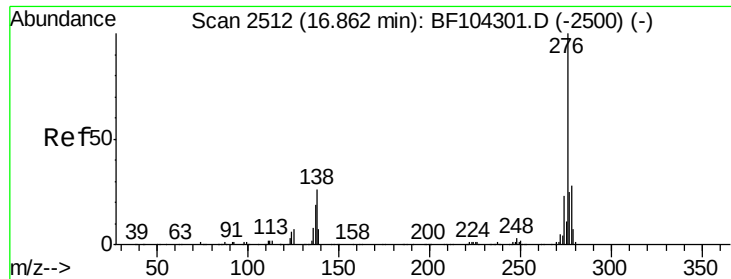
#84
 Di-n-octyl phthalate
 Concen: 49.477 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:149 Resp: 818848
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.4 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

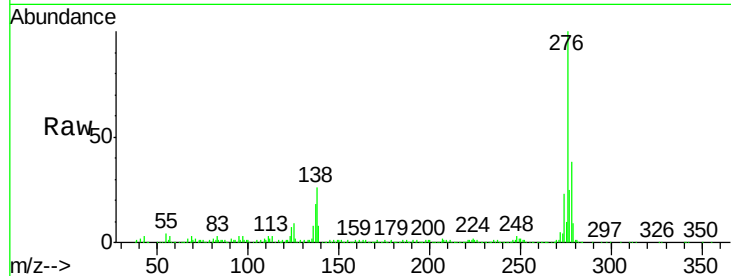




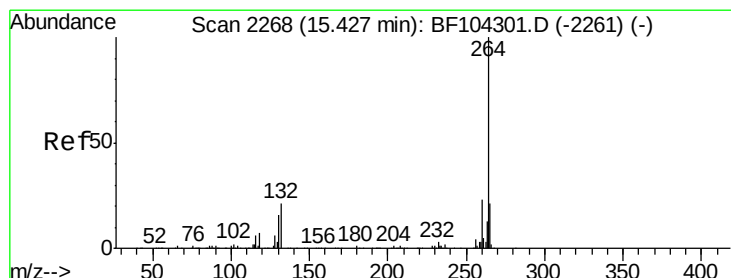
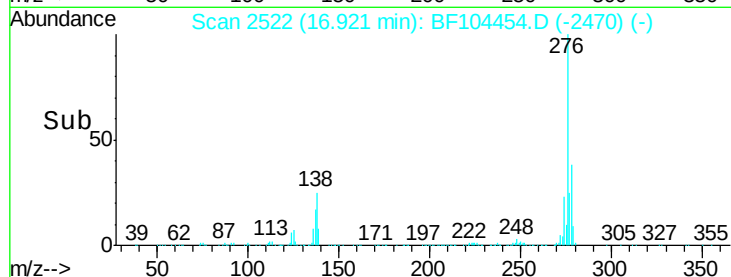
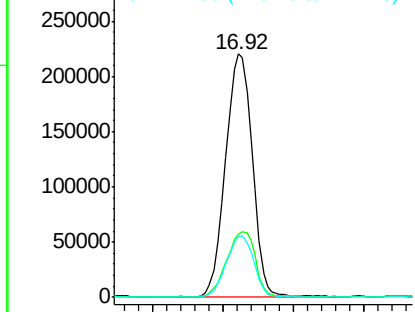
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.751 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.4	20.1	30.1

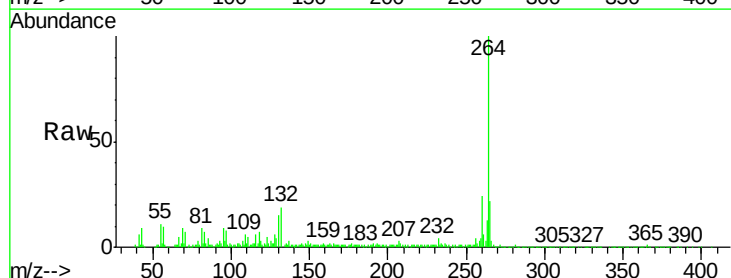


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

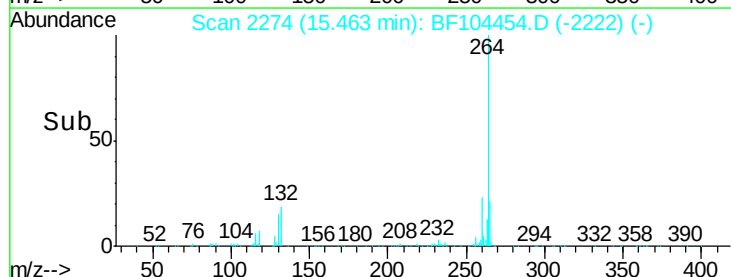
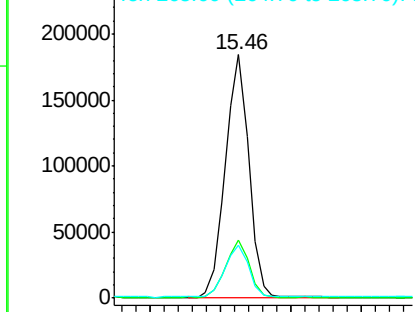


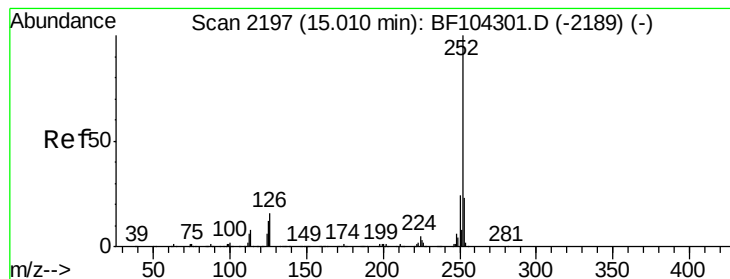
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	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: 44.737 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

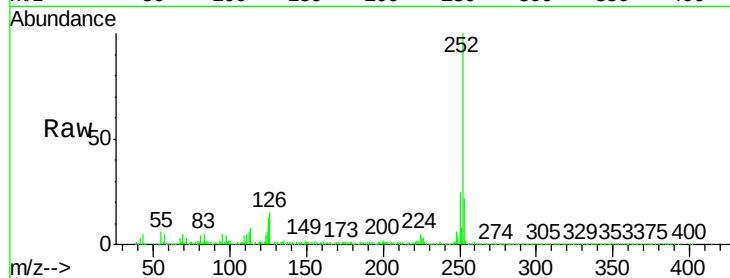
Tot Ion:252 Resp: 601948

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

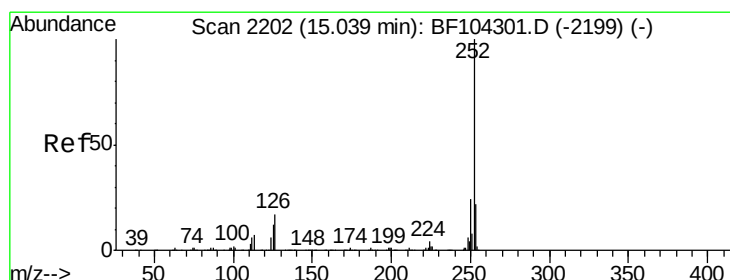
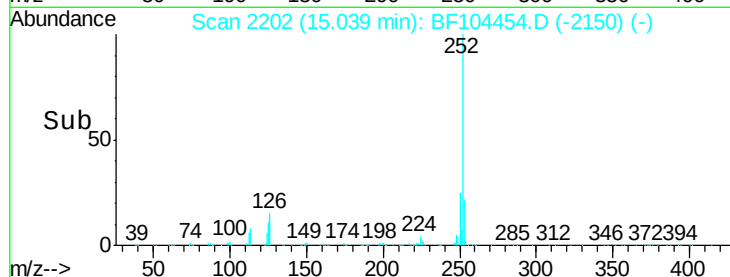
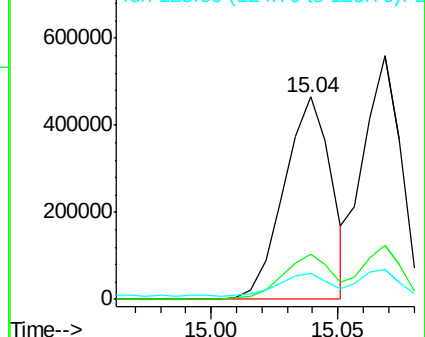
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.638 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

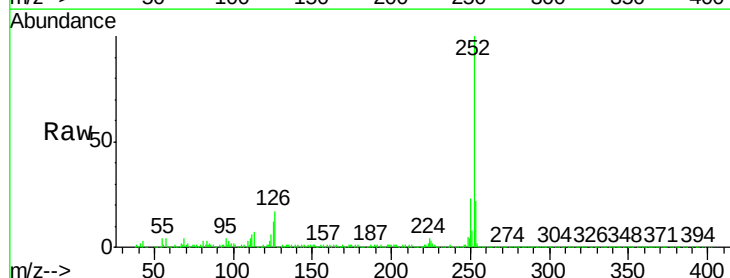
Tgt Ion:252 Resp: 579738

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

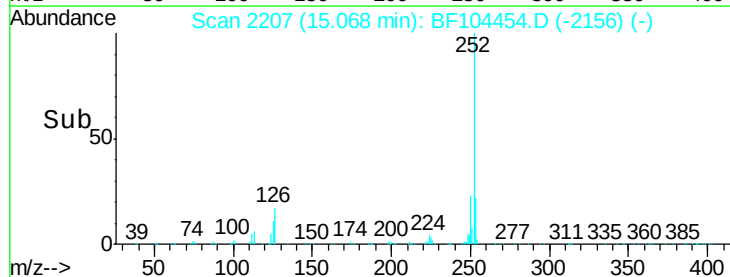
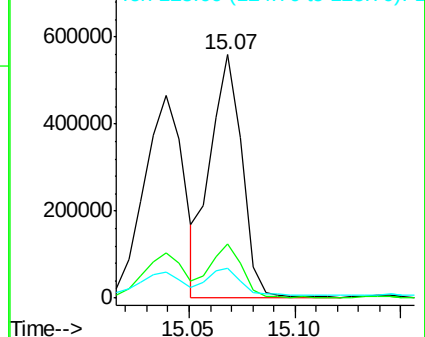
125 12.3 10.2 15.2

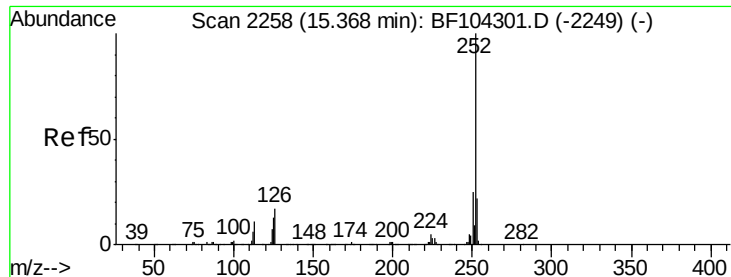


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

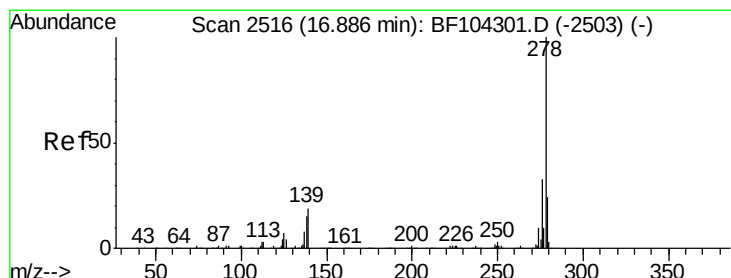
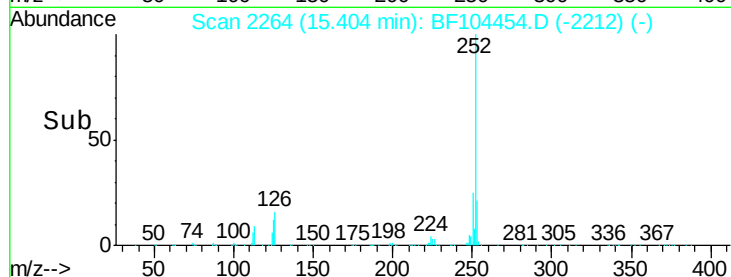
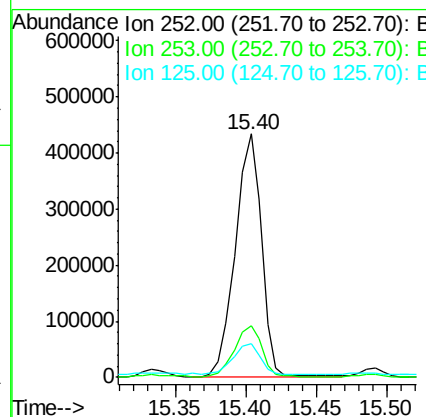
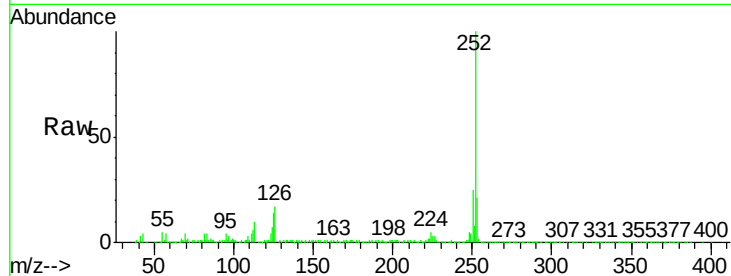




#89
Benzo(a)pyrene
Concen: 46.508 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

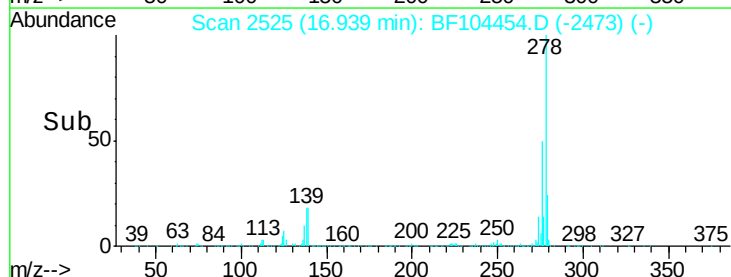
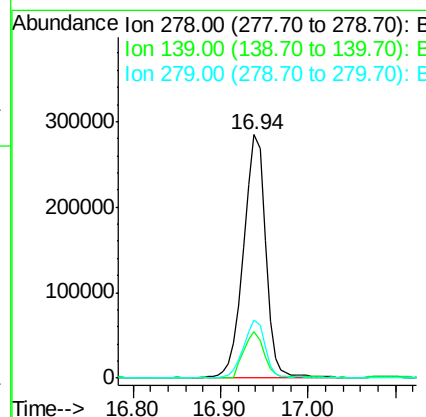
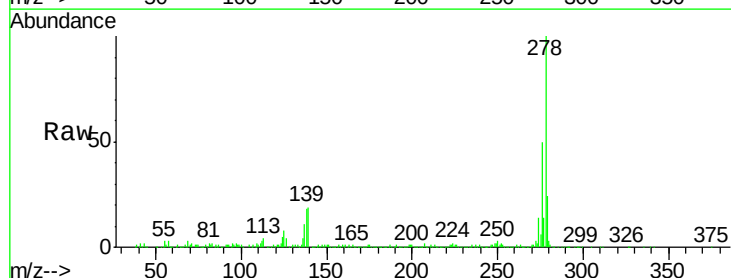
Instrument :
BNA_F
ClientSampleId :

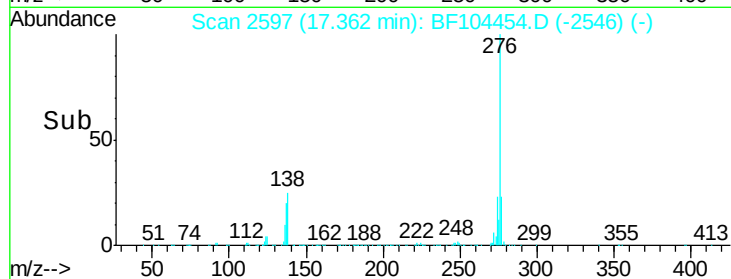
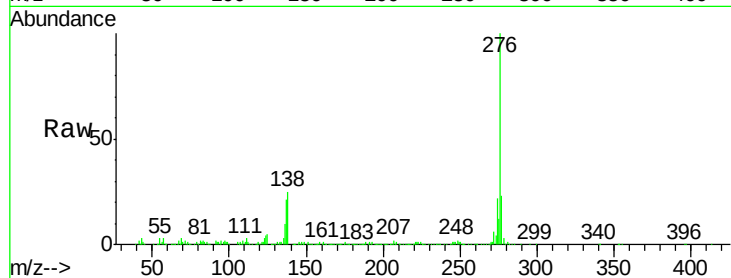
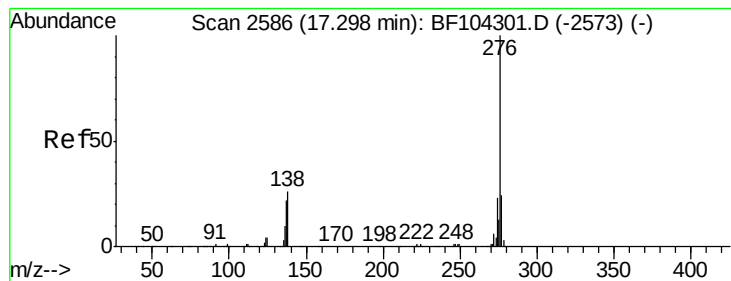
Tot Ion:252 Resp: 559912
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 48.715 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:278 Resp: 481675
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 49.052 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 469891

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 24.8 21.8 32.8

