

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104537.D
 Acq On : 16 Apr 2018 17:14
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:50:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162042	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	661972	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	311593	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	567391	20.00	ng	0.00
75) Chrysene-d12	13.99	240	417589	20.00	ng	0.00
86) Perylene-d12	15.46	264	358184	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	773292	72.97	ng	0.00
7) Phenol-d6	6.45	99	950016	72.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	844988	83.35	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	252275	78.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1377161	69.82	ng	0.00
78) Terphenyl-d14	12.93	244	1394904	76.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	193480	39.182	ng	89
3) Pyridine	3.26	79	479729	34.554	ng	88
4) n-Nitrosodimethylamine	3.23	42	159029	32.768	ng	# 78
6) Aniline	6.47	93	643876	35.592	ng	100
8) 2-Chlorophenol	6.60	128	425243	38.018	ng	95
9) Benzaldehyde	6.36	77	243206	35.609	ng	95
10) Phenol	6.46	94	532039	38.510	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	414319	37.580	ng	95
12) 1,3-Dichlorobenzene	6.75	146	474593	37.453	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473570	37.491	ng	99
14) 1,2-Dichlorobenzene	6.98	146	436023	37.249	ng	97
15) Benzyl Alcohol	6.96	79	350919	35.483	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	549806	37.134	ng	91
17) 2-Methylphenol	7.07	107	363260	37.361	ng	98
18) Hexachloroethane	7.32	117	174988	38.854	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	282765	33.233	ng	96
20) 3+4-Methylphenols	7.22	107	416309	34.524	ng	# 67
22) Acetophenone	7.22	105	562545	34.518	ng	# 94
24) Nitrobenzene	7.40	77	455697	40.714	ng	98
25) Isophorone	7.63	82	785251	36.630	ng	98
26) 2-Nitrophenol	7.72	139	235427	51.668	ng	89
27) 2,4-Dimethylphenol	7.75	122	334246	35.328	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	488769	37.290	ng	99
29) 2,4-Dichlorophenol	7.96	162	341177	37.794	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	368588	37.205	ng	99
31) Naphthalene	8.12	128	1208375	36.659	ng	100
32) Benzoic acid	7.89	122	269175	35.658	ng	97
33) 4-Chloroaniline	8.17	127	533354	37.768	ng	98
34) Hexachlorobutadiene	8.23	225	203525	37.506	ng	99
35) Caprolactam	8.55	113	122632	38.941	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	366536	37.867	ng	100
37) 2-Methylnaphthalene	8.81	142	779064	36.538	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	340809	38.209	ng	99
40) Hexachlorocyclopentadiene	8.96	237	179004	35.847	ng	99

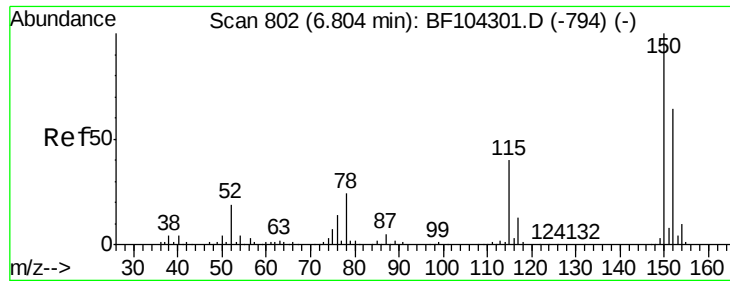
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104537.D
 Acq On : 16 Apr 2018 17:14
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	235391	38.016	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	267259	38.572	ng	96
45) 1,1'-Biphenyl	9.27	154	947295	36.190	ng	100
46) 2-Chloronaphthalene	9.30	162	760975	36.805	ng	98
47) 2-Nitroaniline	9.40	65	246491	48.208	ng	98
48) Acenaphthylene	9.72	152	1165436	35.926	ng	99
49) Dimethylphthalate	9.58	163	933689	37.999	ng	100
50) 2,6-Dinitrotoluene	9.65	165	205729	45.248	ng	# 86
51) Acenaphthene	9.89	154	689317	34.827	ng	99
52) 3-Nitroaniline	9.82	138	244787	45.988	ng	93
53) 2,4-Dinitrophenol	9.92	184	90474	56.406	ng	# 22
54) Dibenzofuran	10.06	168	988493	35.837	ng	99
55) 4-Nitrophenol	9.97	139	176523	42.218	ng	98
56) 2,4-Dinitrotoluene	10.05	165	270154	45.298	ng	98
57) Fluorene	10.40	166	767934	38.250	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	192544	37.248	ng	97
59) Diethylphthalate	10.27	149	895355	36.588	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	349953	39.139	ng	98
61) 4-Nitroaniline	10.43	138	246969	47.453	ng	92
62) Azobenzene	10.56	77	847131	36.233	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	145008	51.791	ng	86
65) n-Nitrosodiphenylamine	10.52	169	722465	36.724	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	225439	37.354	ng	93
67) Hexachlorobenzene	10.95	284	259192	38.168	ng	92
68) Atrazine	11.05	200	226141	38.082	ng	100
69) Pentachlorophenol	11.15	266	153456	36.527	ng	97
70) Phenanthrene	11.37	178	1145262	36.245	ng	99
71) Anthracene	11.42	178	1163237	36.216	ng	100
72) Carbazole	11.58	167	1131808	36.061	ng	99
73) Di-n-butylphthalate	11.90	149	1415235	36.913	ng	100
74) Fluoranthene	12.56	202	1168046	35.381	ng	98
76) Benzidine	12.68	184	502387	33.948	ng	99
77) Pyrene	12.79	202	1214325	39.231	ng	99
79) Butylbenzylphthalate	13.41	149	598121	41.016	ng	95
80) Benzo(a)anthracene	13.98	228	980195	39.291	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	362500	38.972	ng	98
82) Chrysene	14.02	228	960778	37.494	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	799583	42.629	ng	99
84) Di-n-octyl phthalate	14.59	149	1199309	38.267	ng	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	777023	35.696	ng	98
87) Benzo(b)fluoranthene	15.03	252	886858	39.203	ng	97
88) Benzo(k)fluoranthene	15.07	252	787734	36.883	ng	99
89) Benzo(a)pyrene	15.40	252	770629	38.072	ng	99
90) Dibenzo(a,h)anthracene	16.94	278	636737	38.302	ng	99
91) Benzo(g,h,i)perylene	17.37	276	635179	39.437	ng	97

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

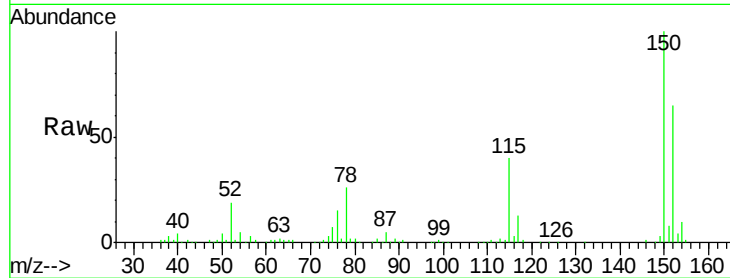


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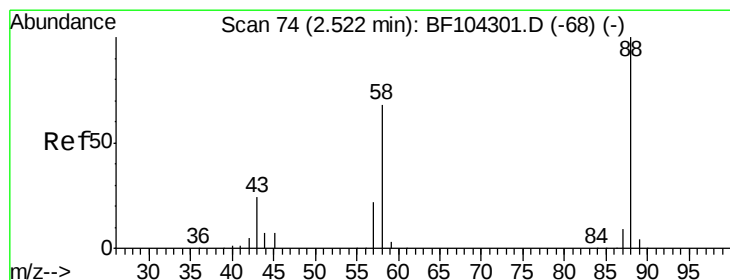
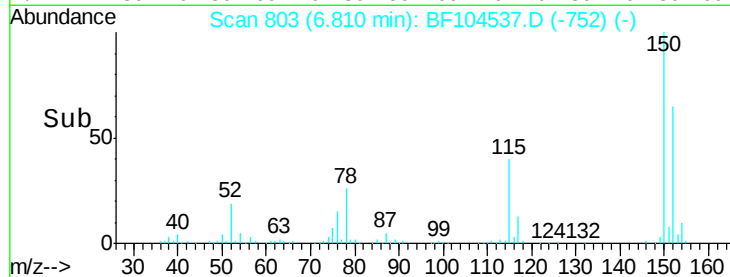
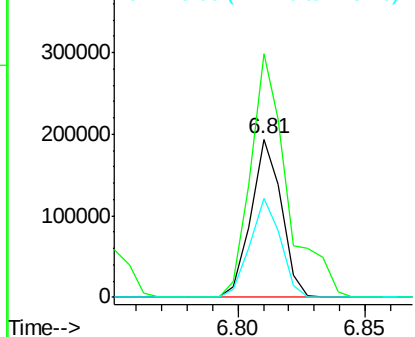
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162042
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 62.1 50.1 75.1



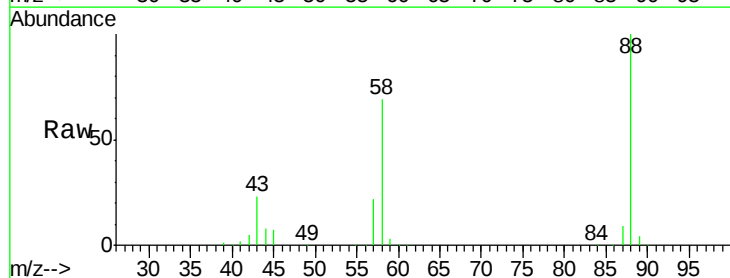
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



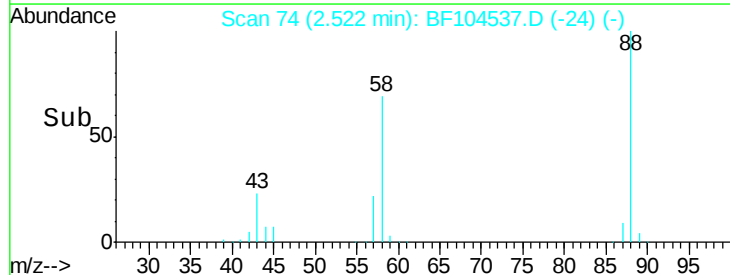
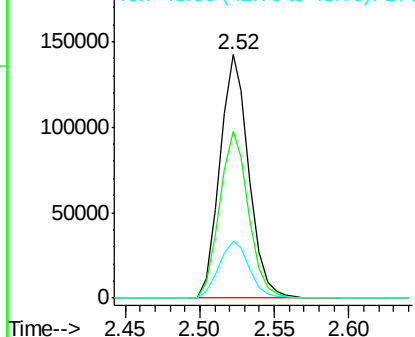
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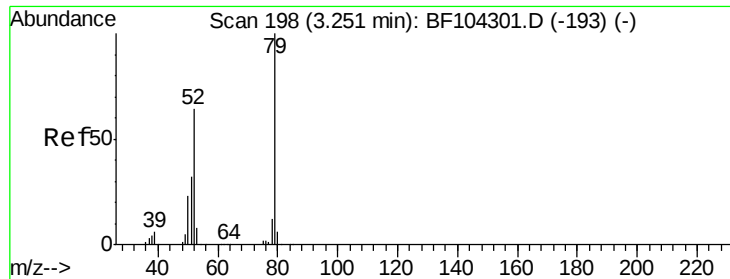
1,4-Dioxane
Concen: 39.182 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion: 88 Resp: 193480
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 25.0 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

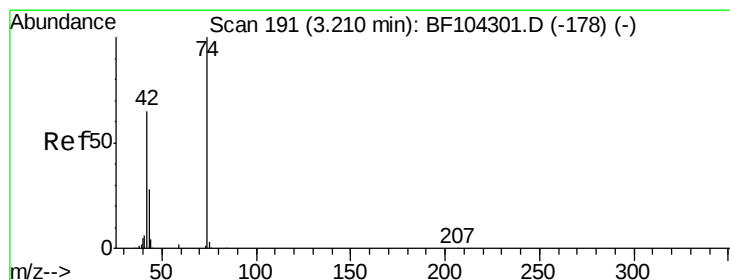
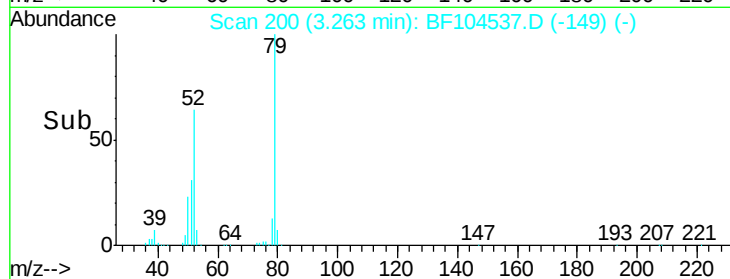
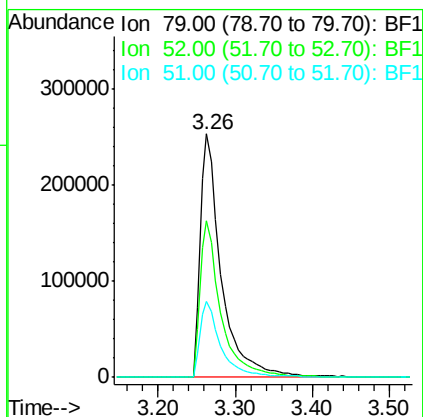
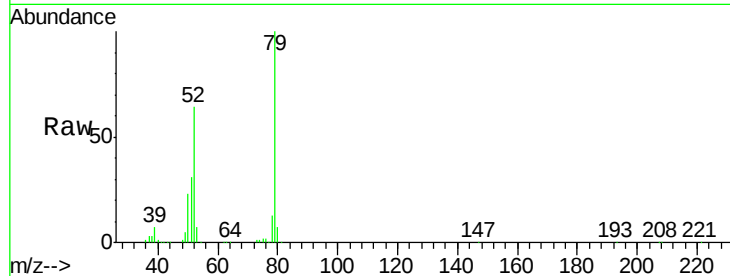




#3
 Pvridine
 Concen: 34.554 ng
 RT: 3.26 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

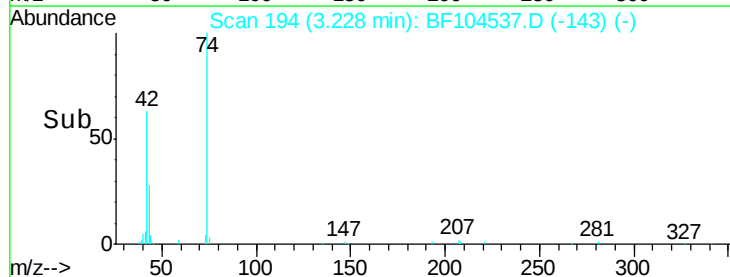
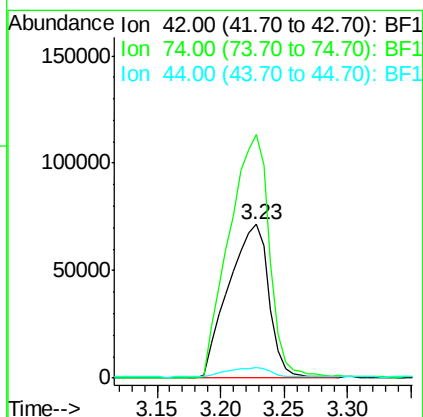
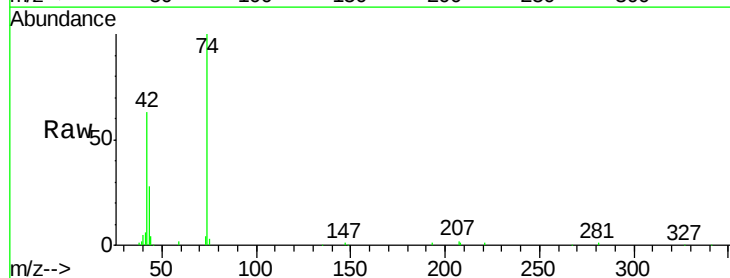
Instrument :
 BNA_F
 ClientSampleId :

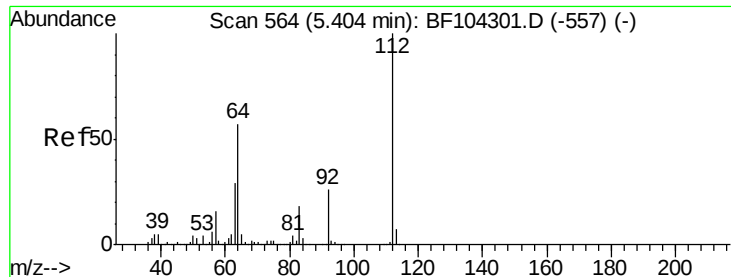
Tot Ion: 79 Resp: 479729
 Ion Ratio Lower Upper
 79 100
 52 64.2 59.8 89.6
 51 31.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 32.768 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion: 42 Resp: 159029
 Ion Ratio Lower Upper
 42 100
 74 158.5 104.9 157.3#
 44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 72.969 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

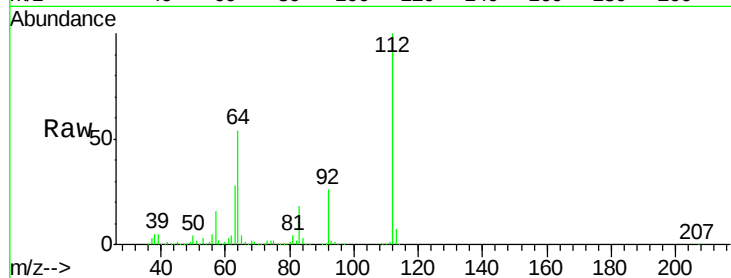
Tot Ion:112 Resp: 773292

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

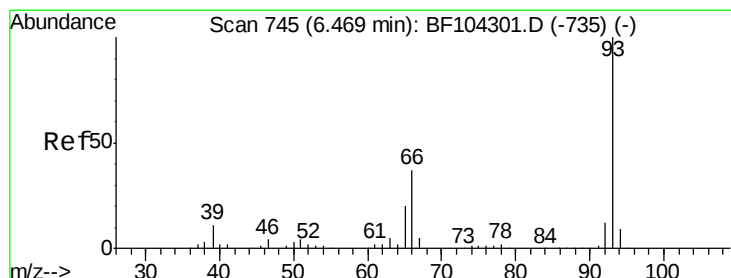
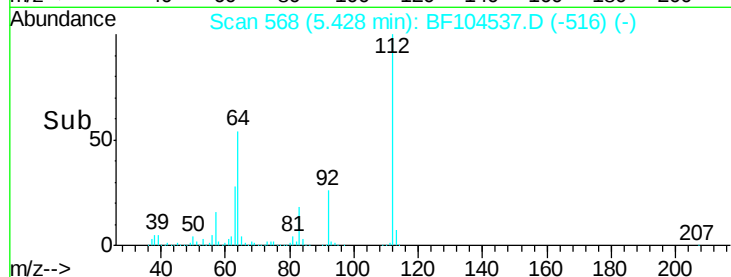
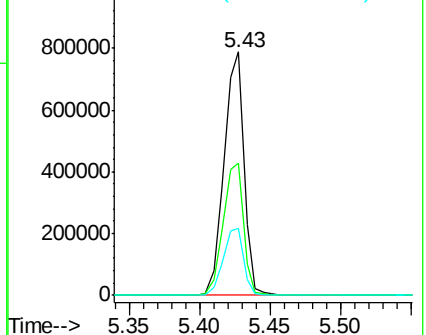
63 27.6 23.7 35.5



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: 35.592 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

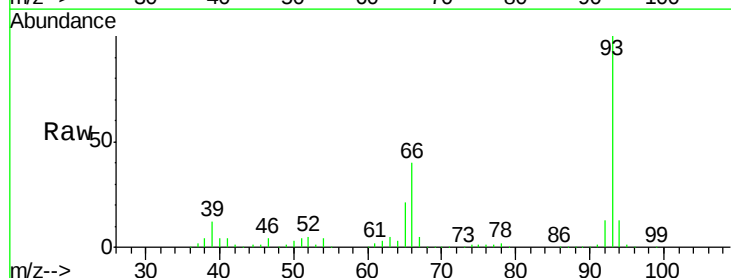
Tgt Ion: 93 Resp: 643876

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

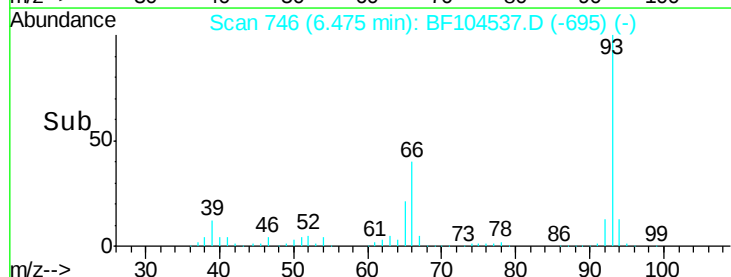
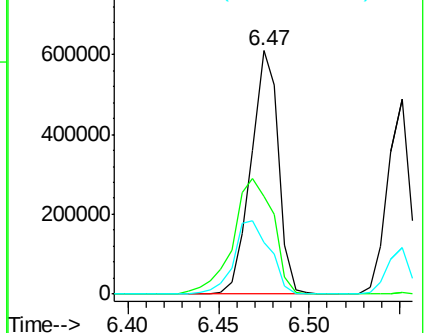
65 21.0 16.4 24.6



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: 72.961 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

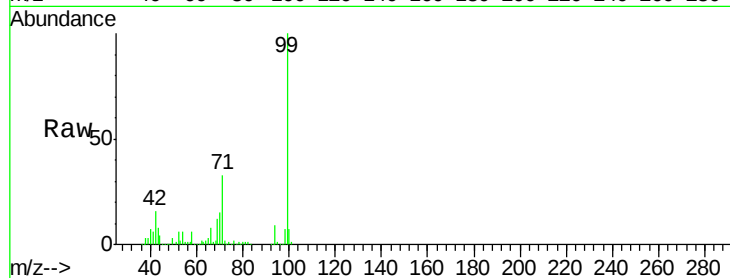
Tot Ion: 99 Resp: 950016

Ion Ratio Lower Upper

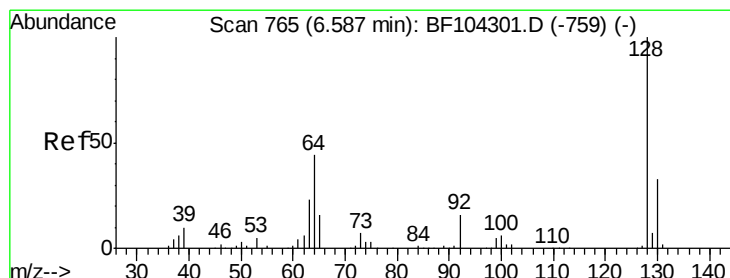
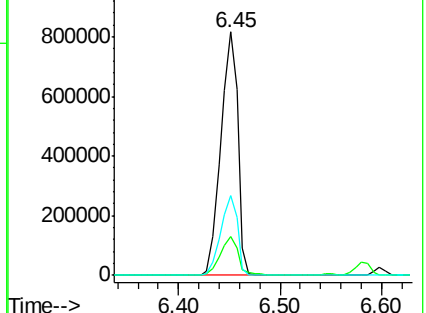
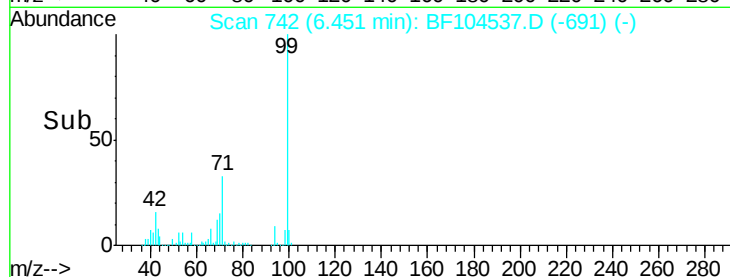
99 100

42 16.0 14.5 21.7

71 32.7 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: 38.018 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

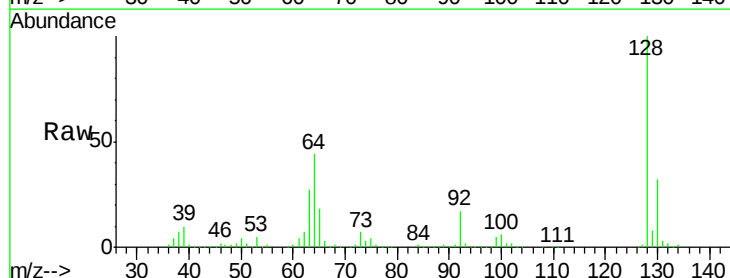
Tgt Ion: 128 Resp: 425243

Ion Ratio Lower Upper

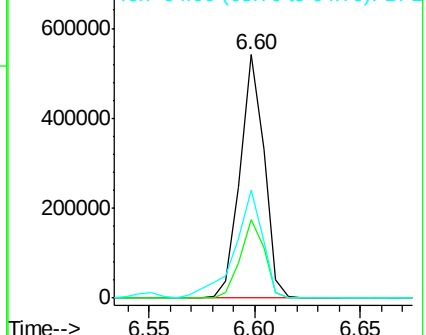
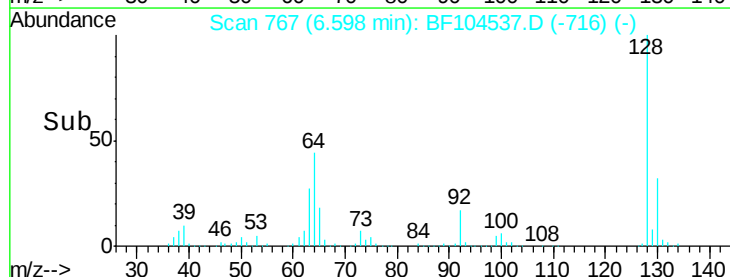
128 100

130 32.3 13.0 53.0

64 44.4 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

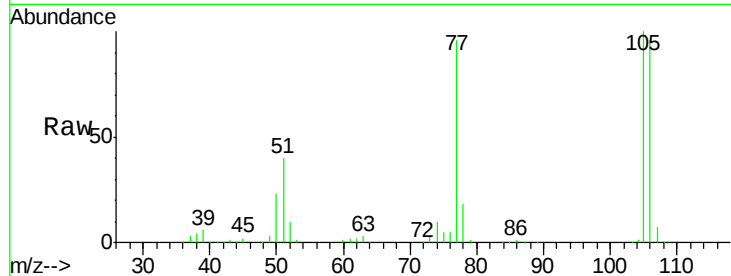




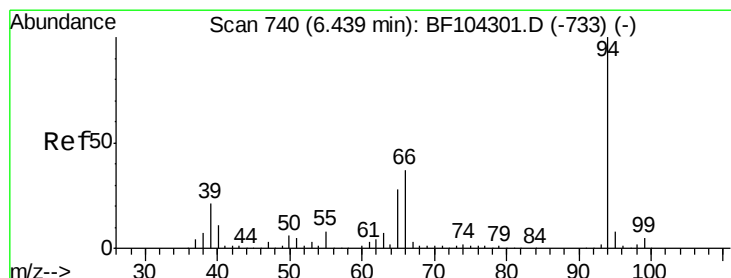
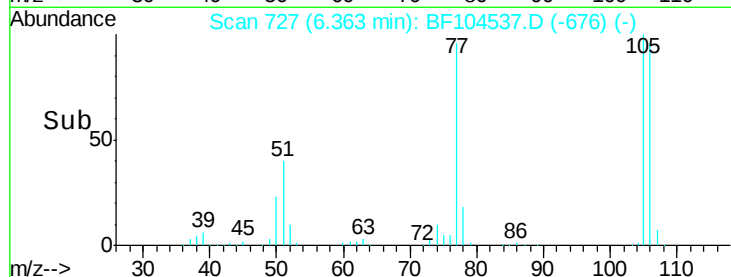
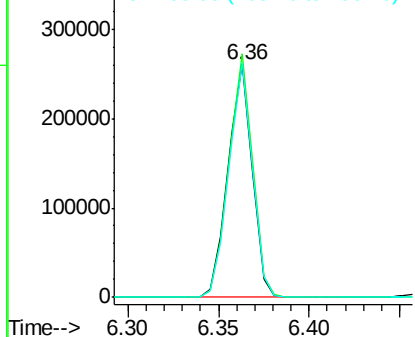
#9
Benzaldehyde
Concen: 35.609 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 243206
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 100.5 74.5 114.5

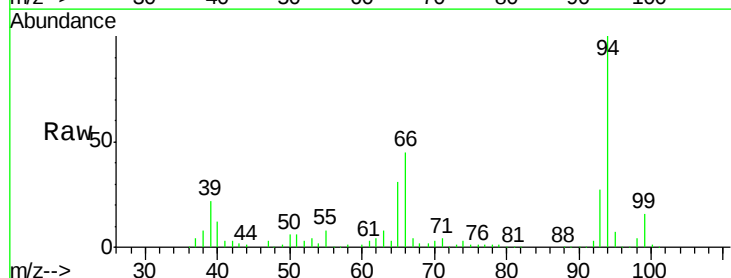


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

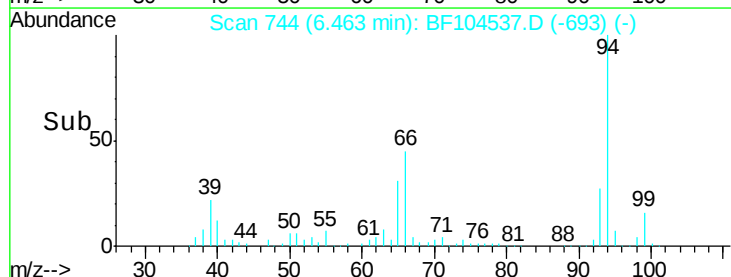
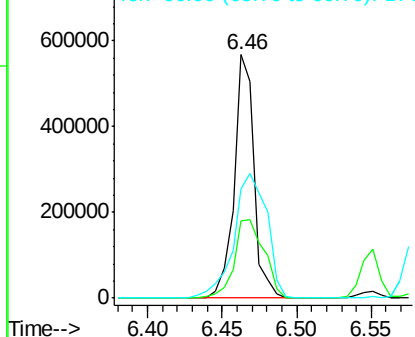


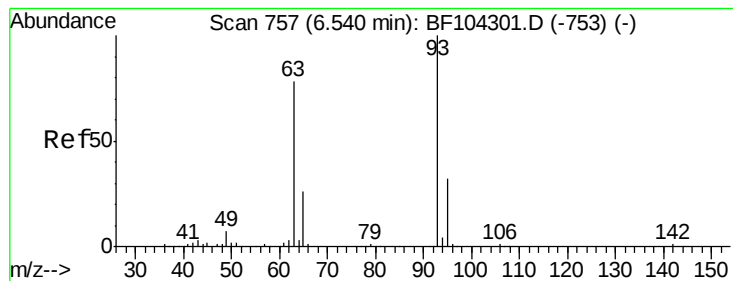
#10
Phenol
Concen: 38.510 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion: 94 Resp: 532039
Ion Ratio Lower Upper
94 100
65 31.5 7.9 47.9
66 44.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

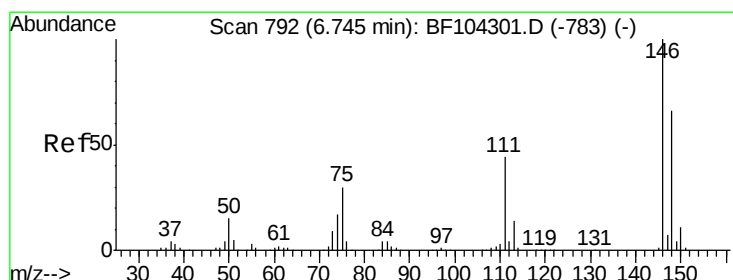
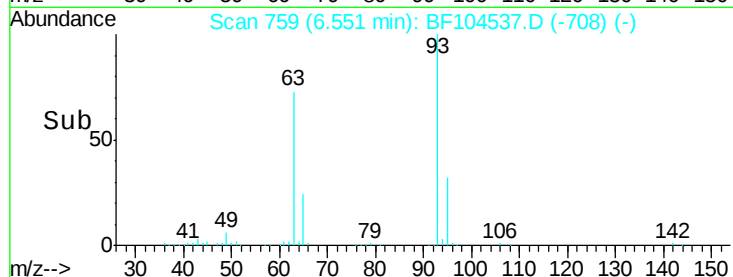
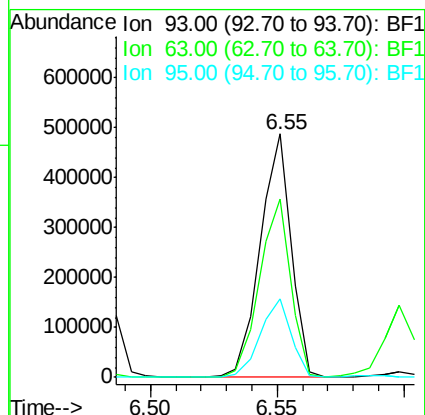
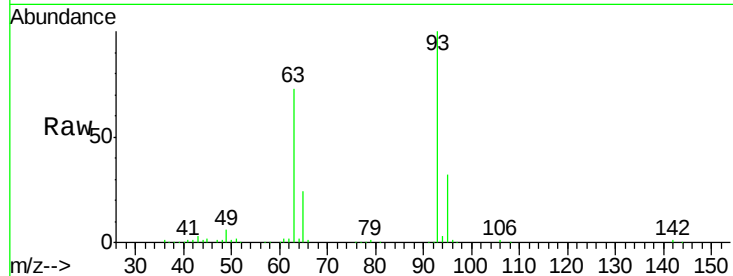




#11
bis(2-Chloroethyl)ether
Concen: 37.580 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

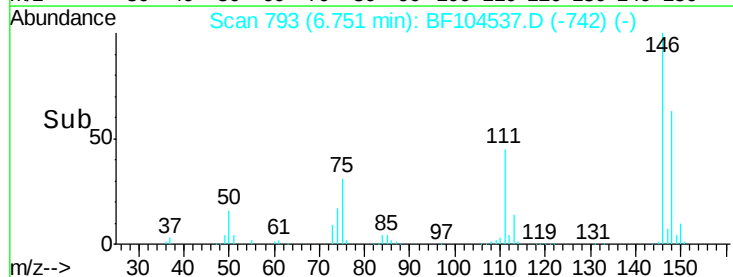
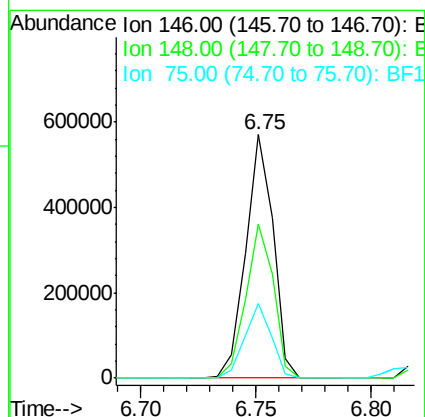
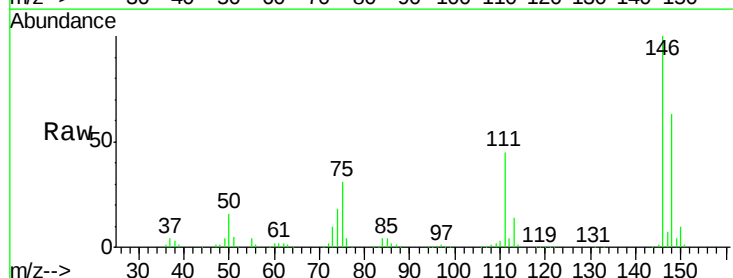
Instrument :
BNA_F
ClientSampleId :

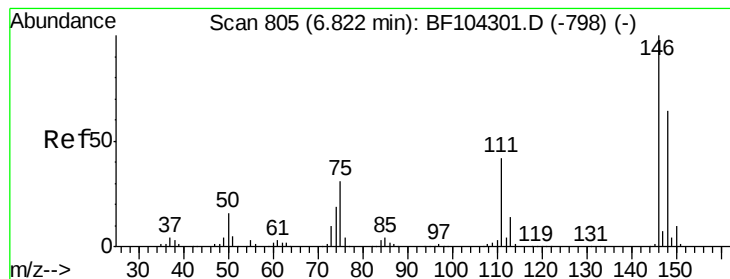
Tot Ion: 93 Resp: 414319
Ion Ratio Lower Upper
93 100
63 73.2 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.453 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion: 146 Resp: 474593
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 30.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.491 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

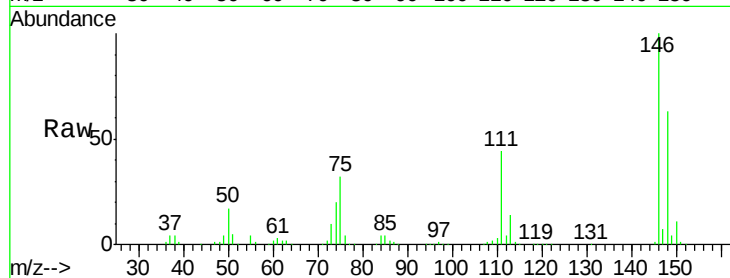
Tot Ion:146 Resp: 473570

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

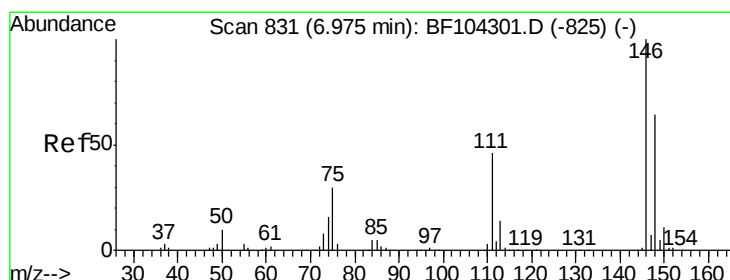
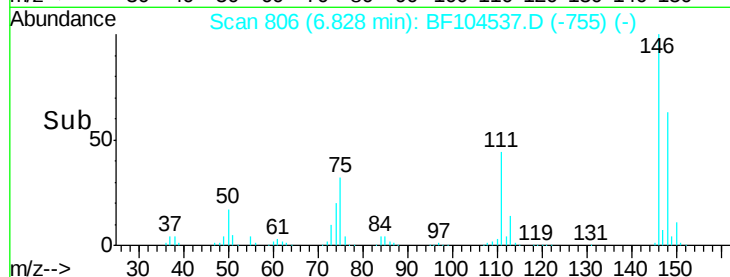
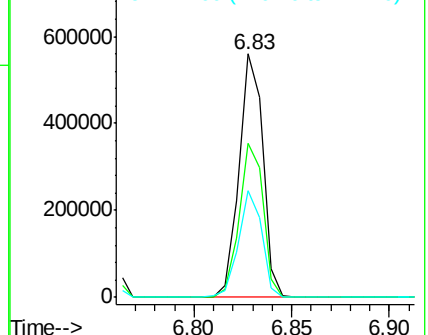
111 43.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.249 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

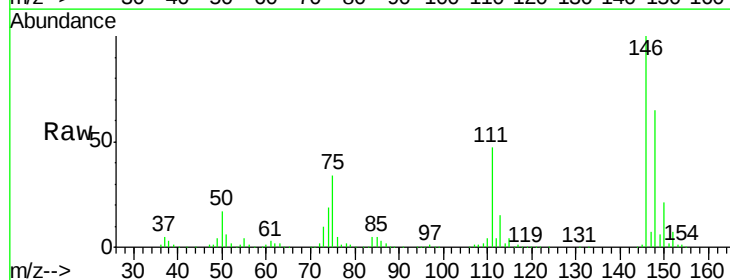
Tgt Ion:146 Resp: 436023

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

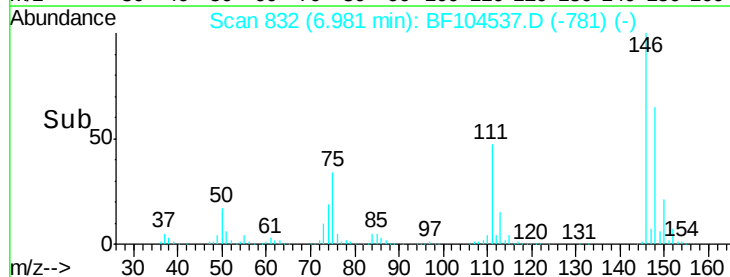
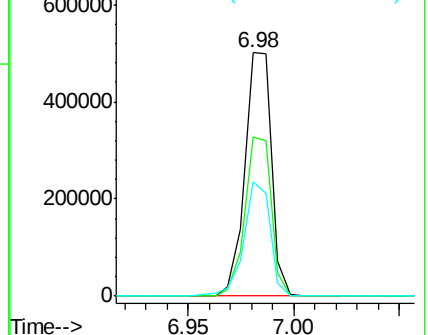
111 46.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.483 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

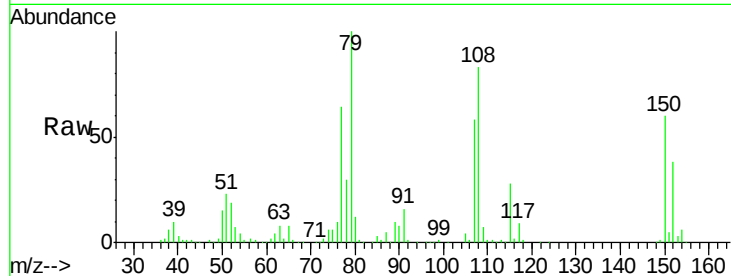
Tot Ion: 79 Resp: 350919

Ion Ratio Lower Upper

79 100

108 82.9 65.1 97.7

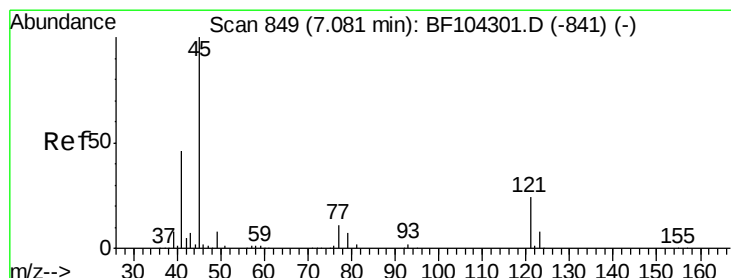
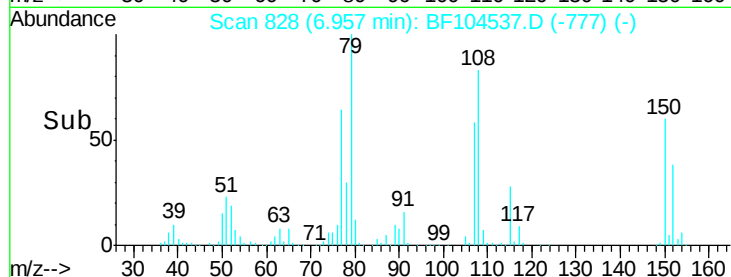
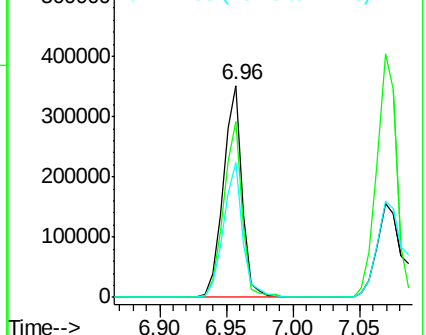
77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.134 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

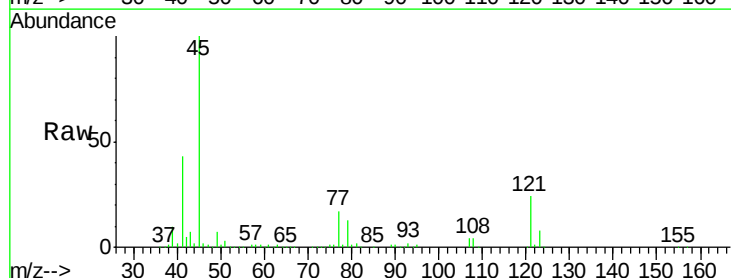
Tgt Ion: 45 Resp: 549806

Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.9

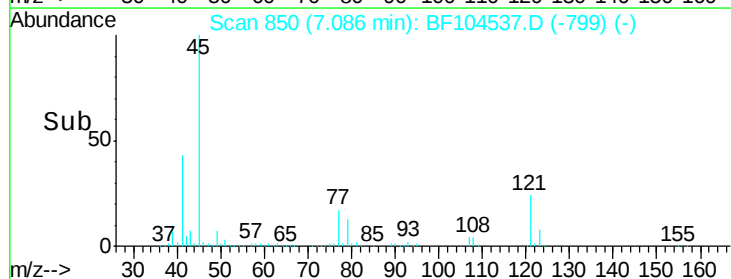
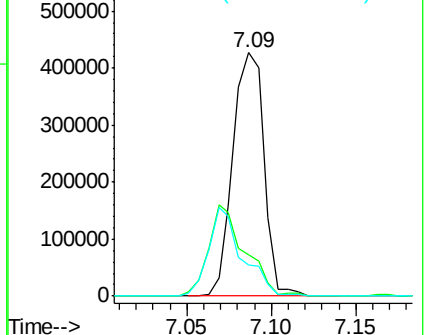
79 12.9 0.0 29.6

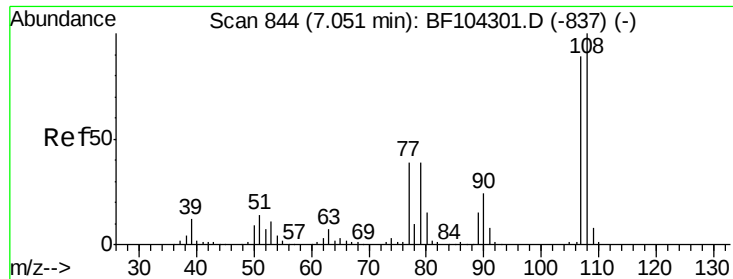


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

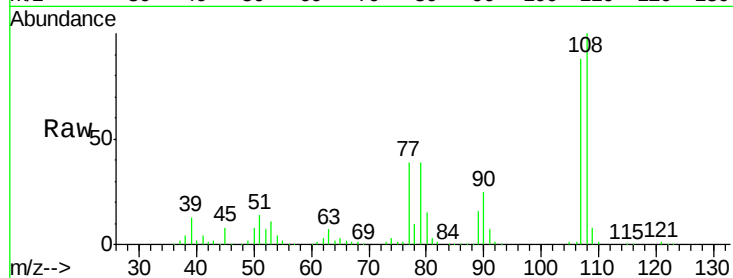




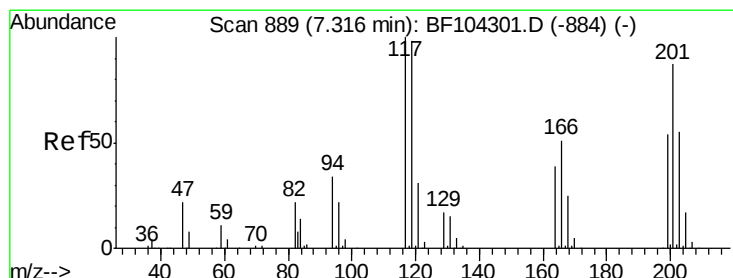
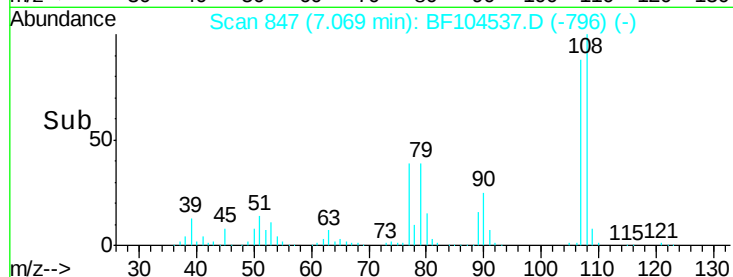
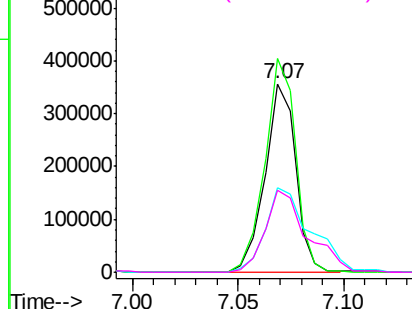
#17
2-Methylphenol
Concen: 37.361 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 363260
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 44.6 33.8 50.8
79 43.7 33.8 50.8

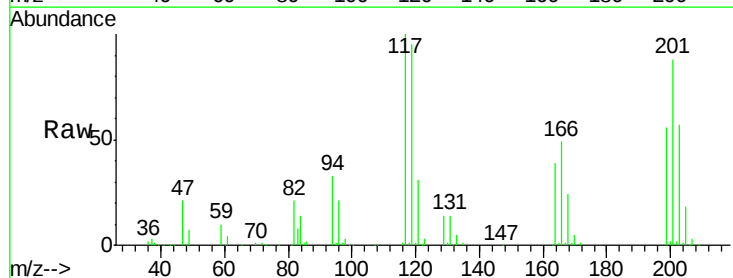


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

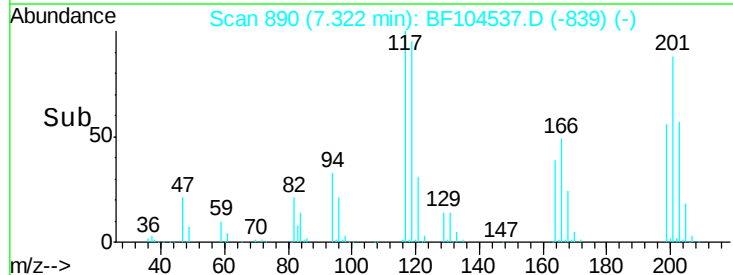
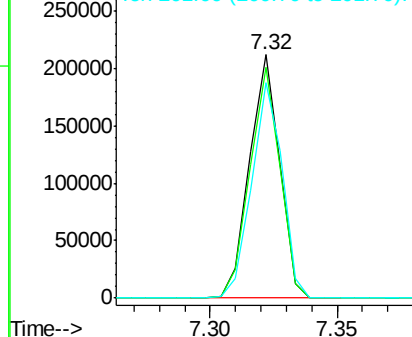


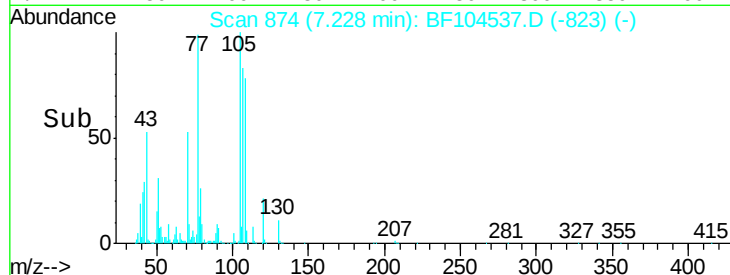
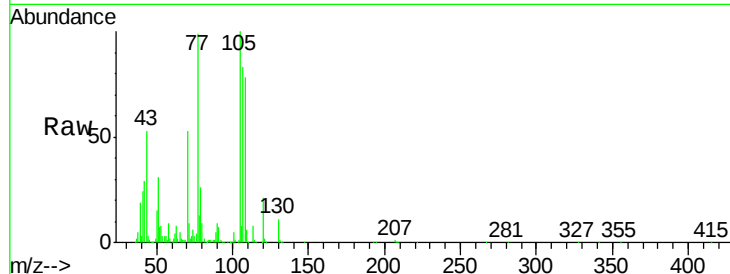
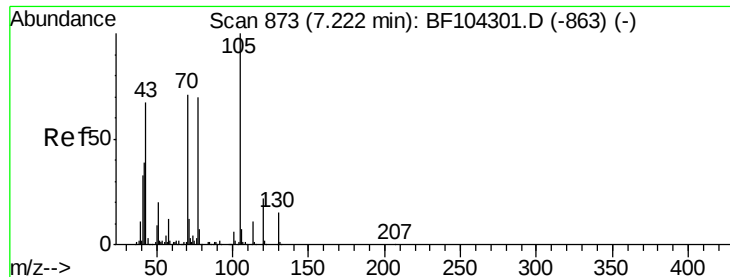
#18
Hexachloroethane
Concen: 38.854 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion:117 Resp: 174988
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 88.3 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

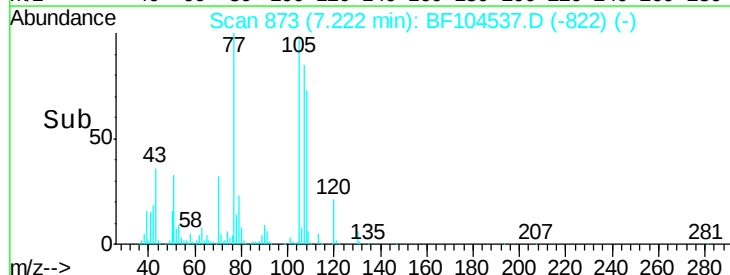
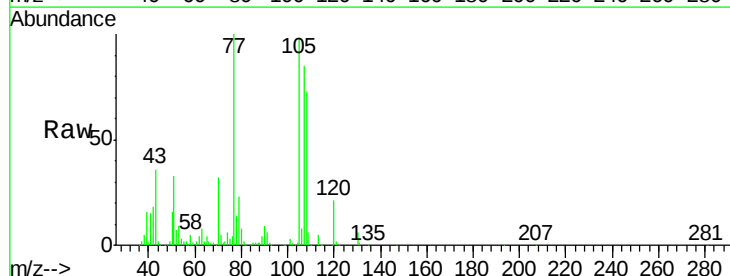
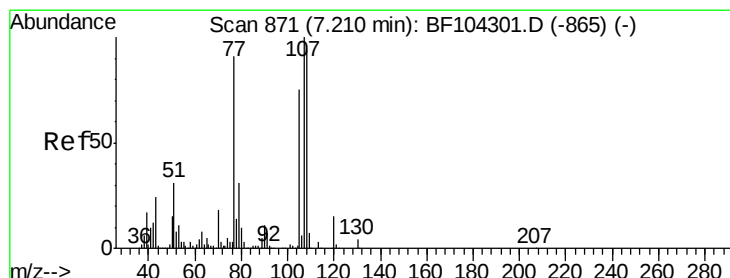
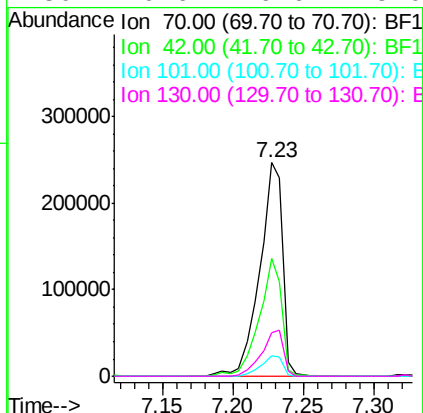




#19
n-Nitroso-di-n-propylamine
Concen: 33.233 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

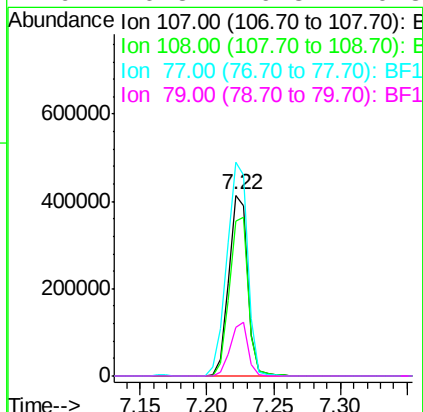
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.5	71.3
101	9.6	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.524 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	118.2	26.7	66.7#
79	26.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 661972

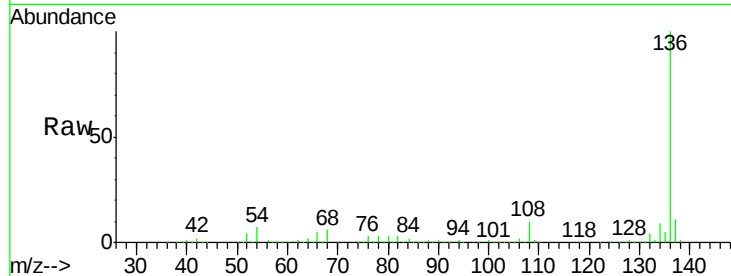
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

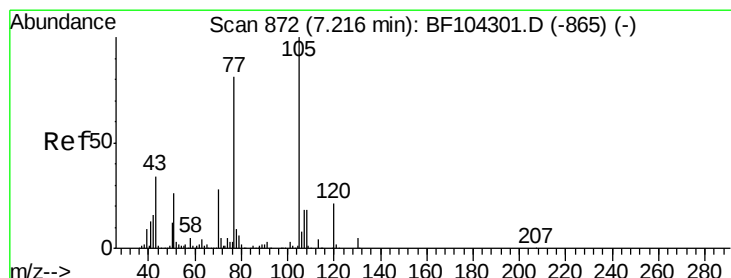
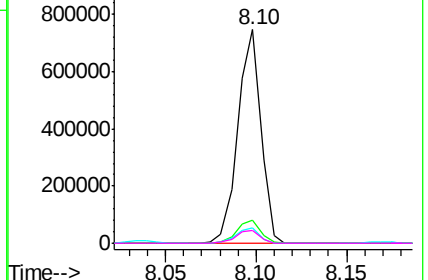
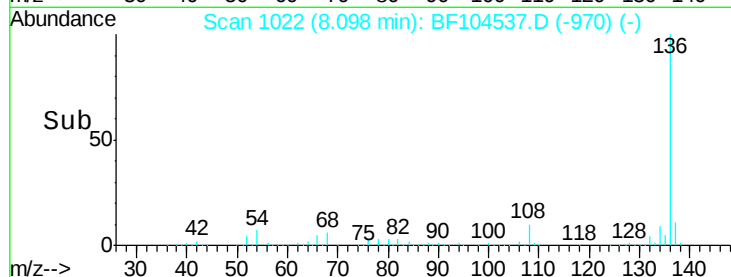


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.518 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Tgt Ion:105 Resp: 562545

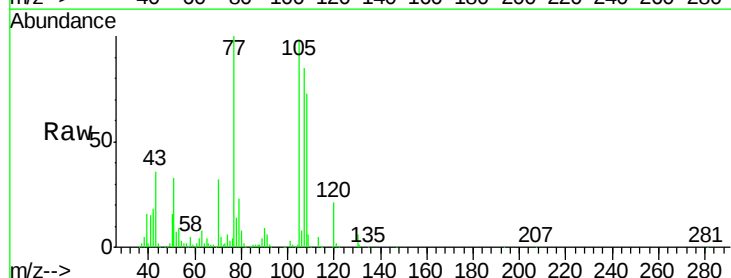
Ion Ratio Lower Upper

105 100

71 5.4 4.4 6.6

51 34.0 22.3 33.5#

120 21.5 16.9 25.3

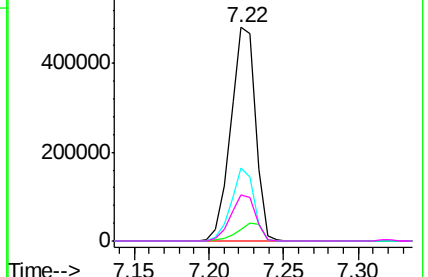
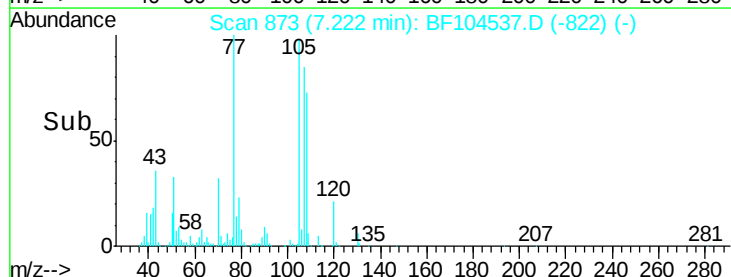


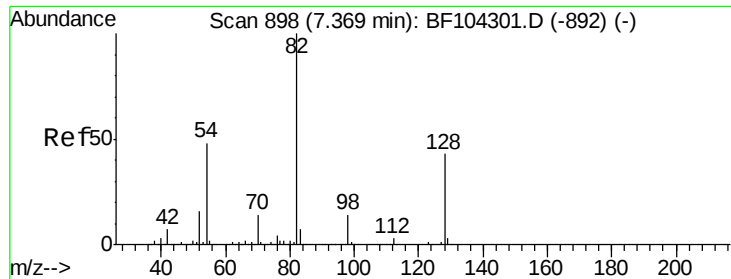
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.351 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

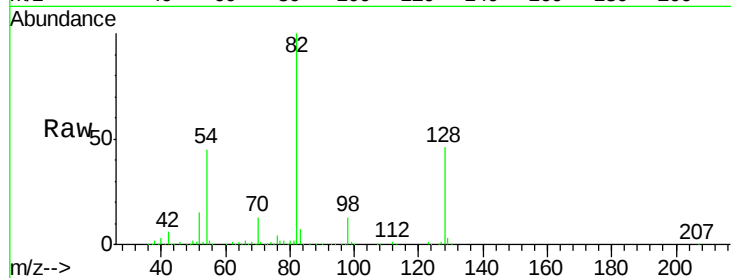
Tot Ion: 82 Resp: 844988

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

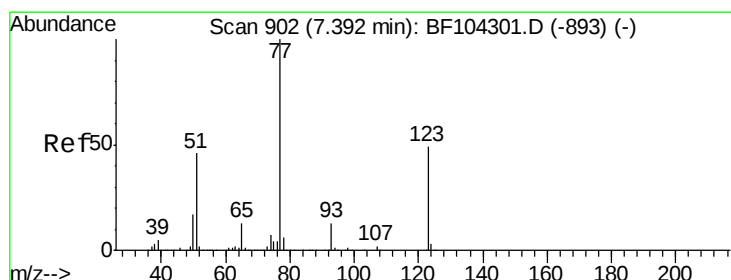
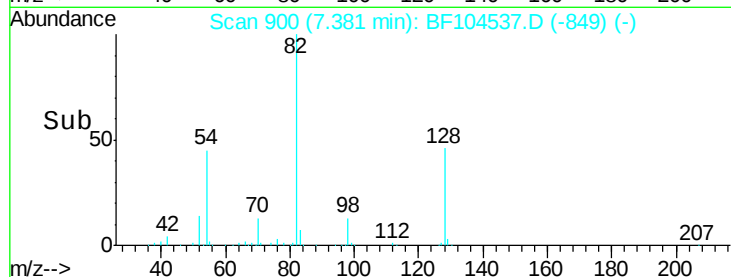
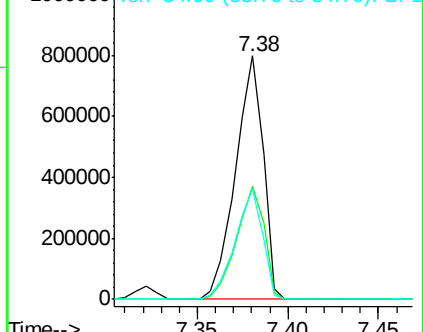
54 45.2 41.4 62.2



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: 40.714 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

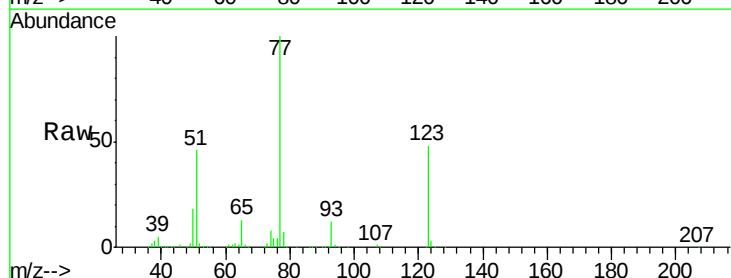
Tgt Ion: 77 Resp: 455697

Ion Ratio Lower Upper

77 100

123 48.4 37.9 56.9

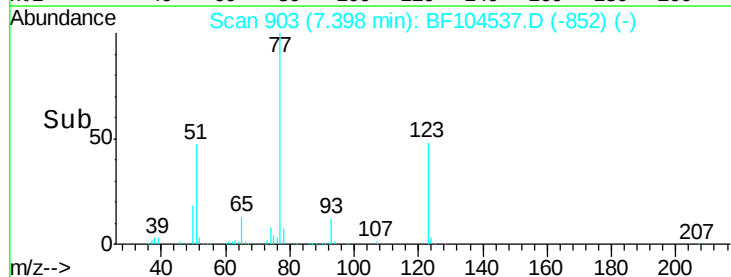
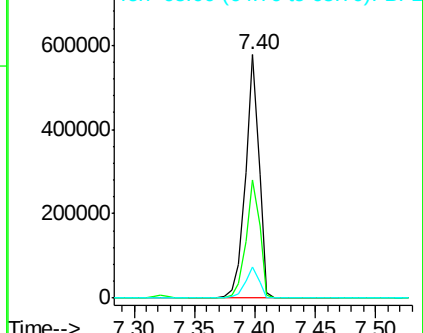
65 12.9 11.0 16.4

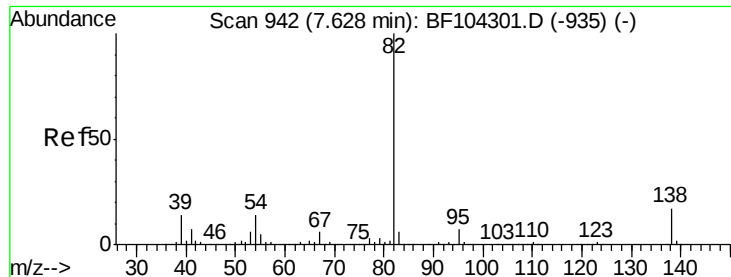


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.630 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

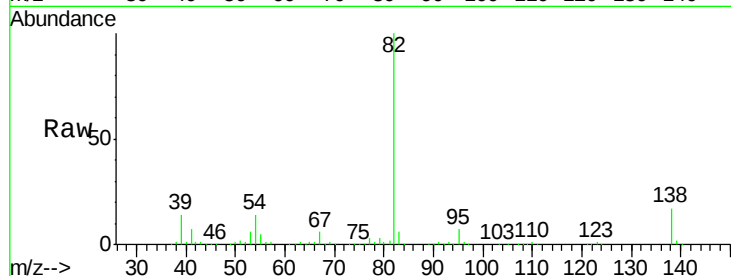
Tot Ion: 82 Resp: 785251

Ion Ratio Lower Upper

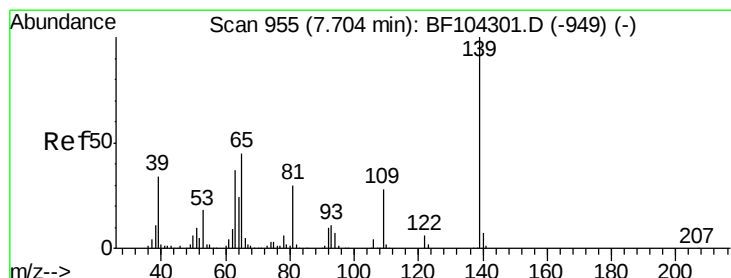
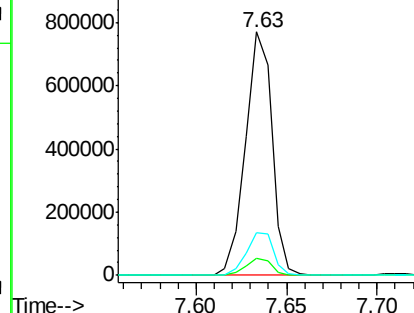
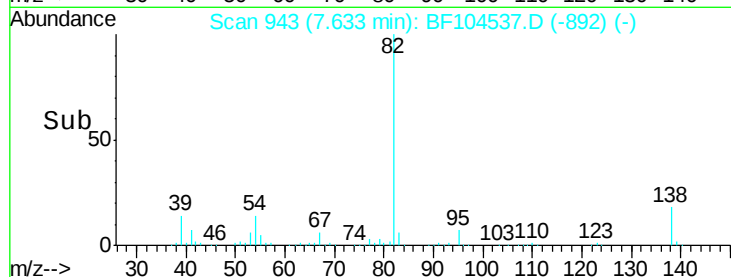
82 100

95 6.8 5.2 7.8

138 17.5 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: 51.668 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

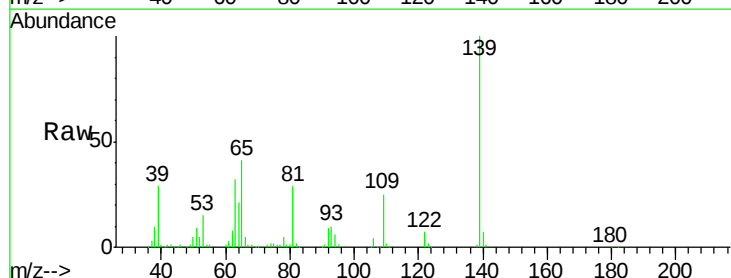
Tgt Ion: 139 Resp: 235427

Ion Ratio Lower Upper

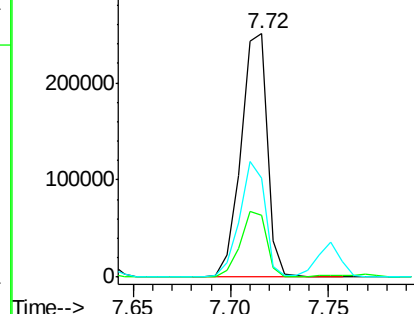
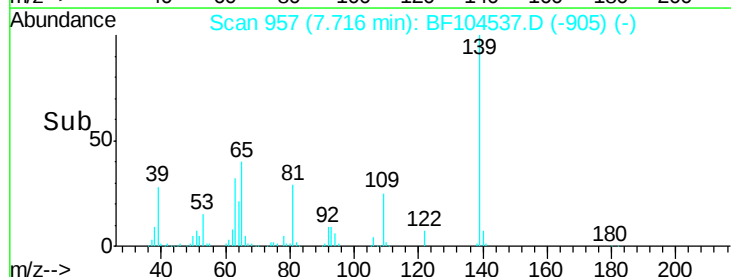
139 100

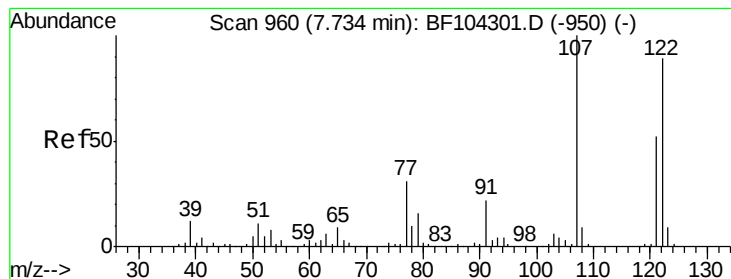
109 25.4 22.7 34.1

65 40.7 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: 35.328 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampled :

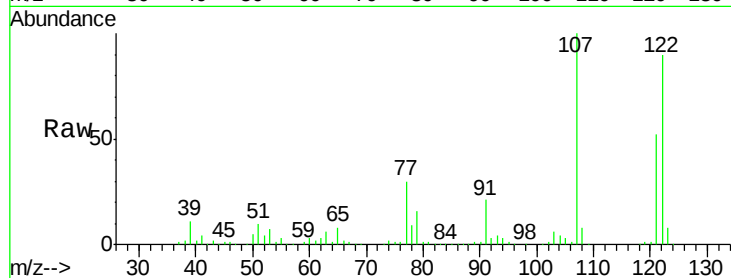
Tot Ion:122 Resp: 334246

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

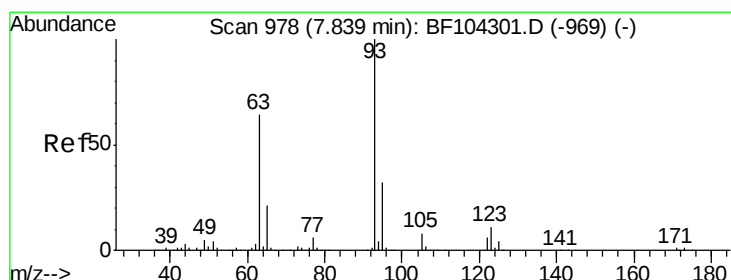
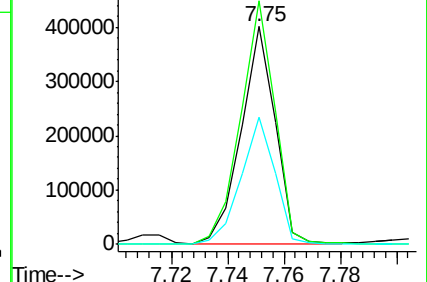
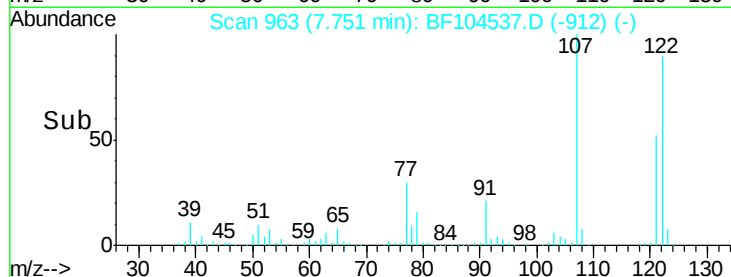
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.290 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

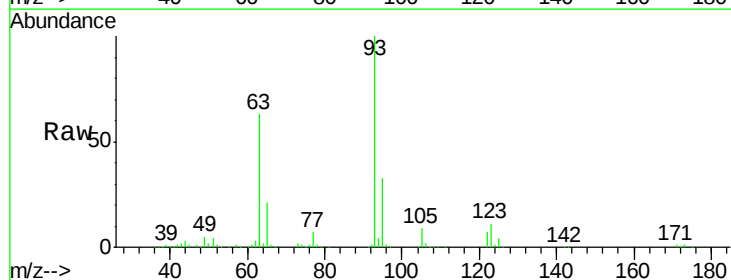
Tgt Ion: 93 Resp: 488769

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

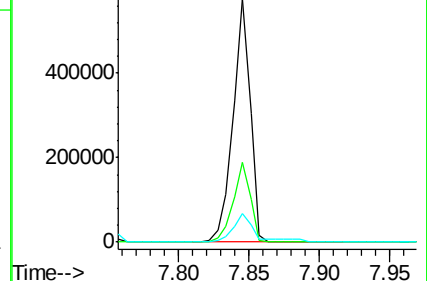
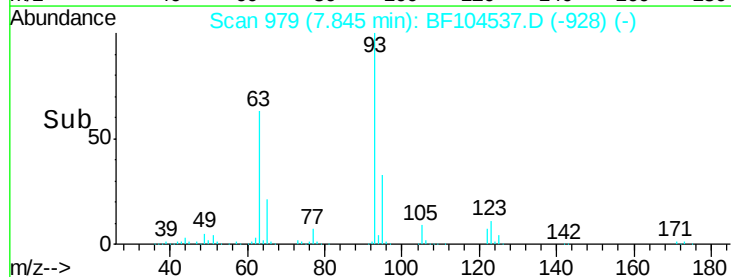
123 11.5 9.8 14.6

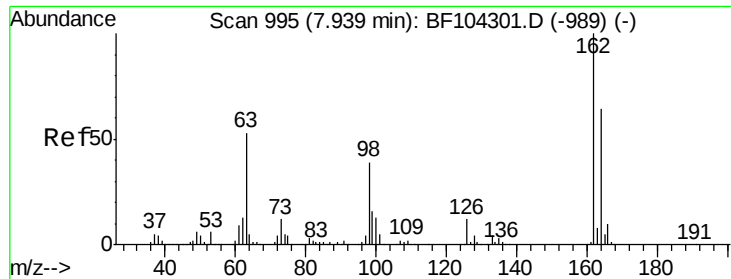


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

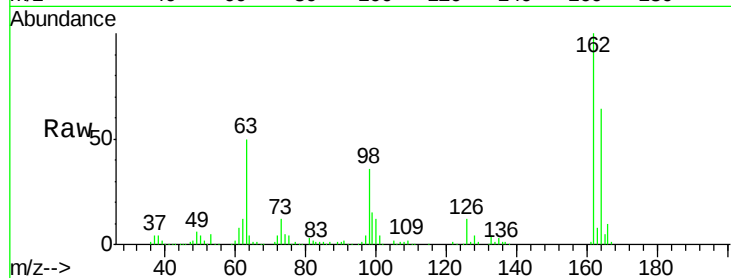




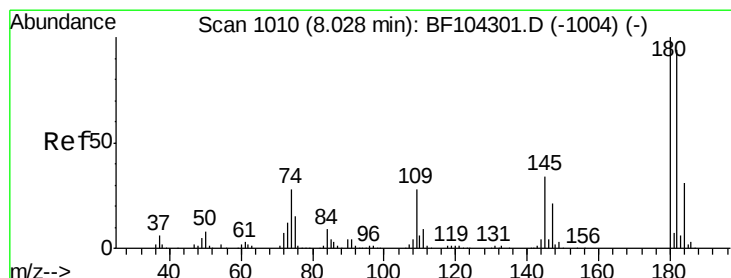
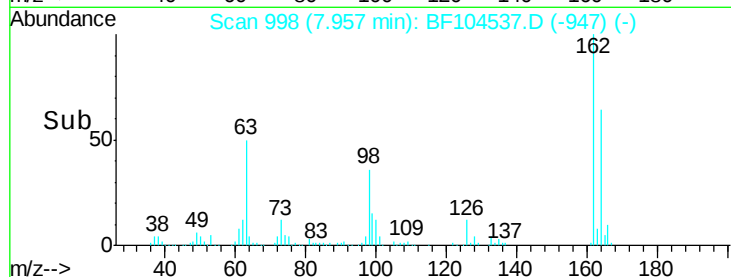
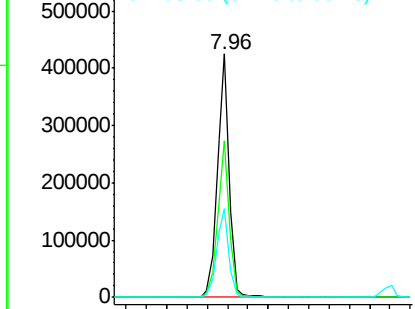
#29
2,4-Dichlorophenol
Concen: 37.794 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.2	18.1	58.1

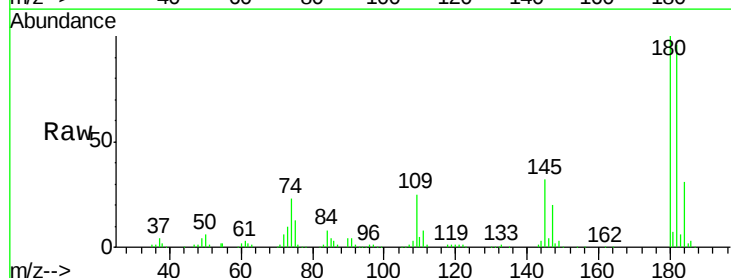


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

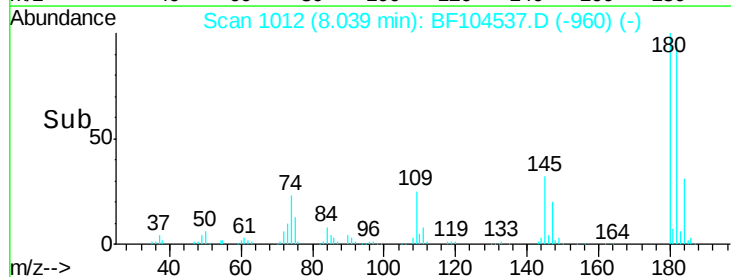
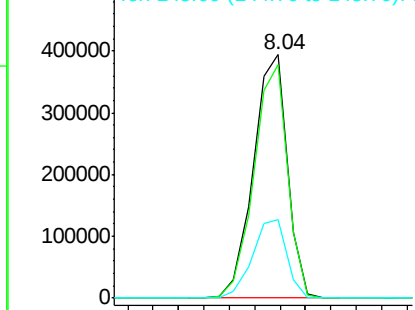


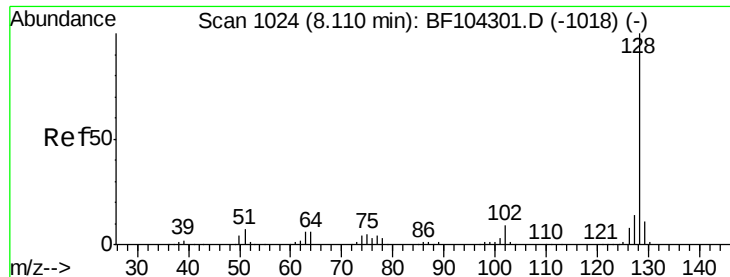
#30
1,2,4-Trichlorobenzene
Concen: 37.205 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	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: 36.659 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

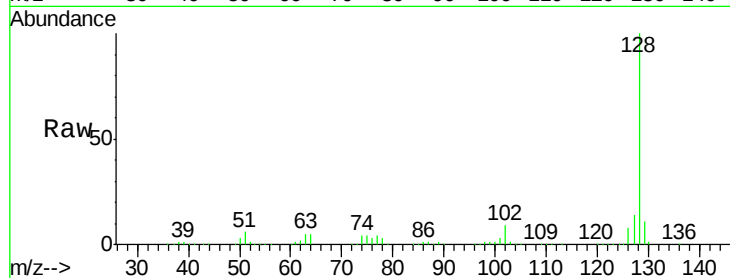
Tot Ion:128 Resp: 1208375

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

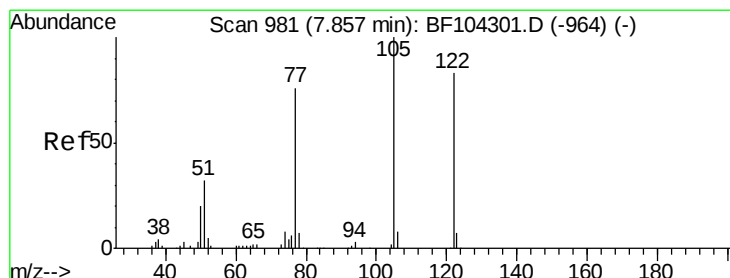
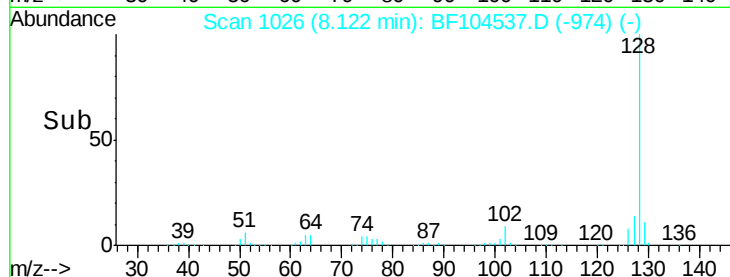
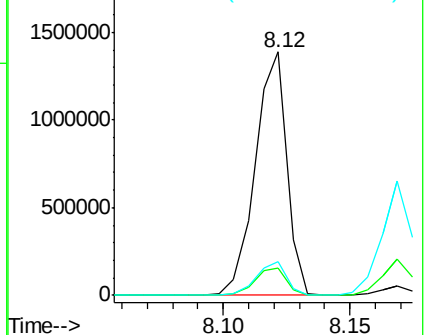
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.658 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

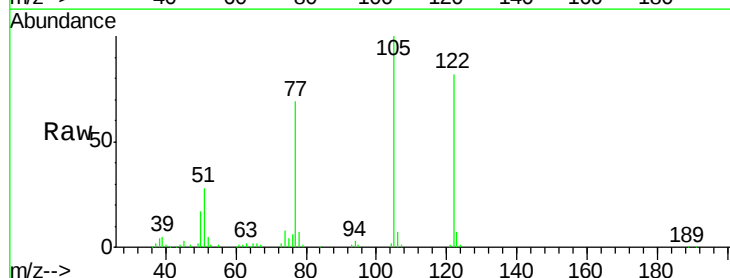
Tgt Ion:122 Resp: 269175

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

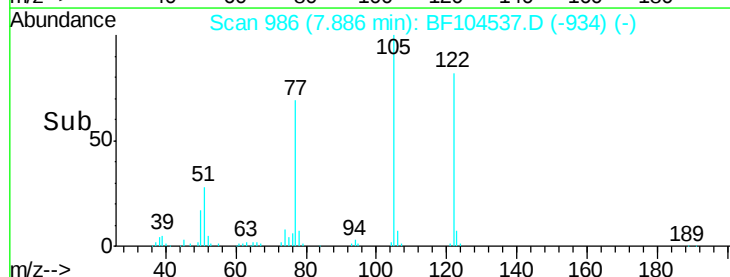
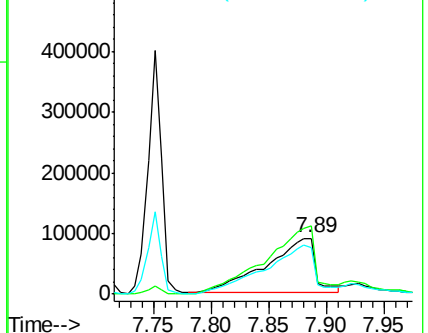
77 84.4 70.7 110.7

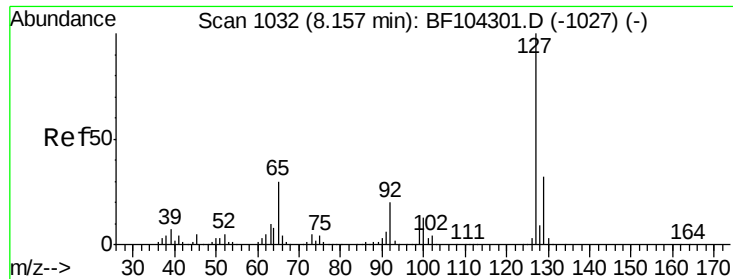


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

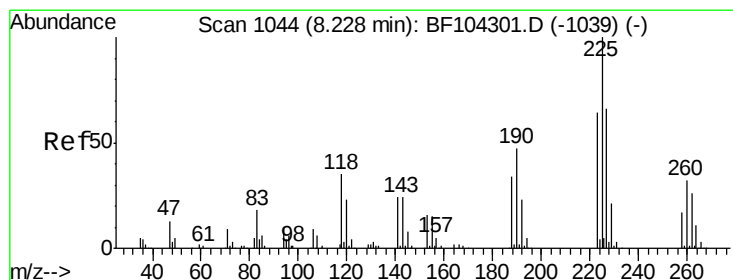
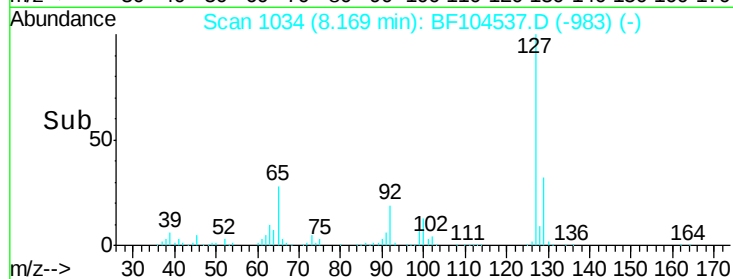
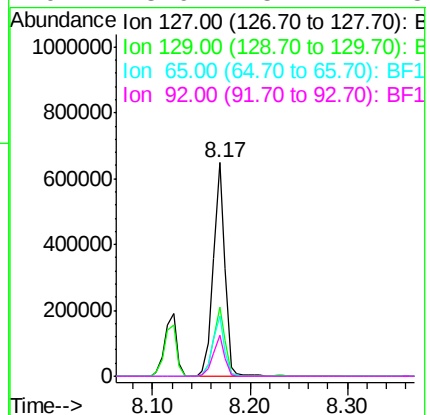
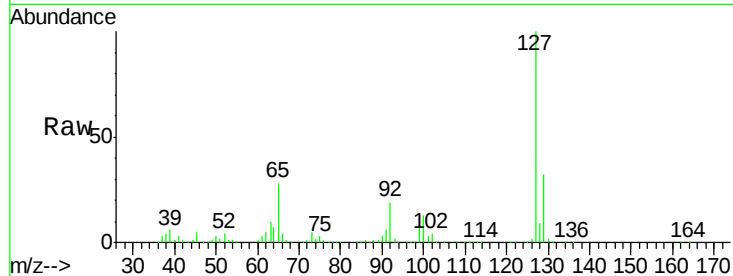




#33
4-Chloroaniline
Concen: 37.768 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

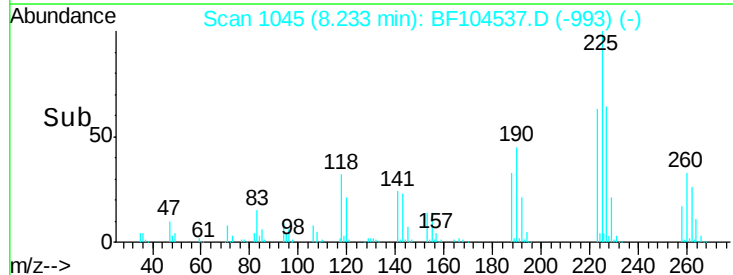
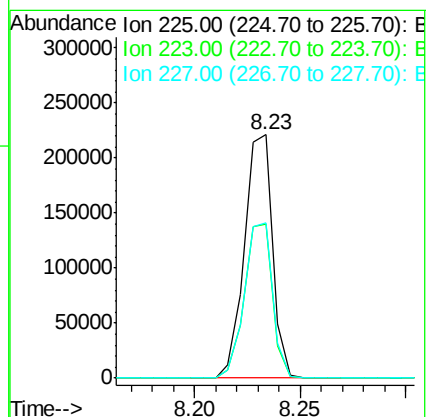
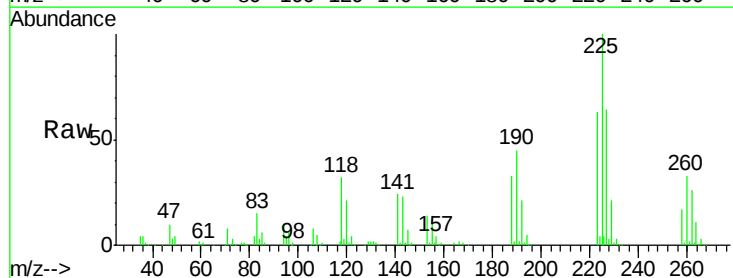
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	533354
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	28.5	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.506 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion:	225	Resp:	203525
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.0	51.9	77.9

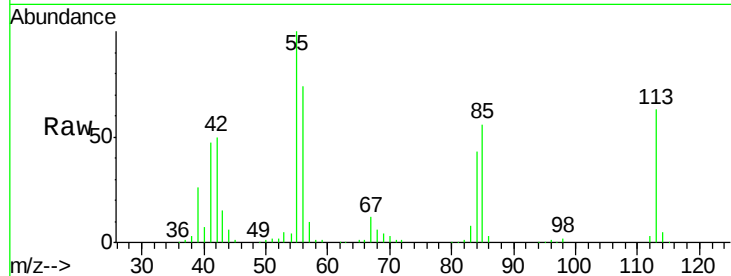




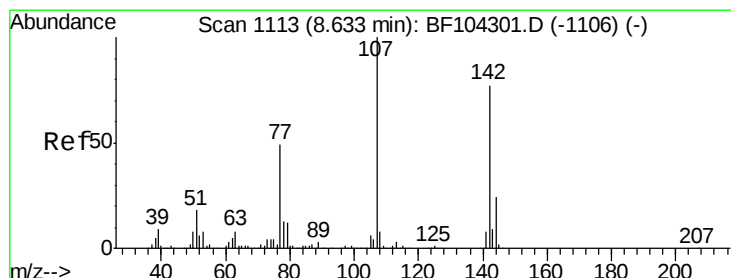
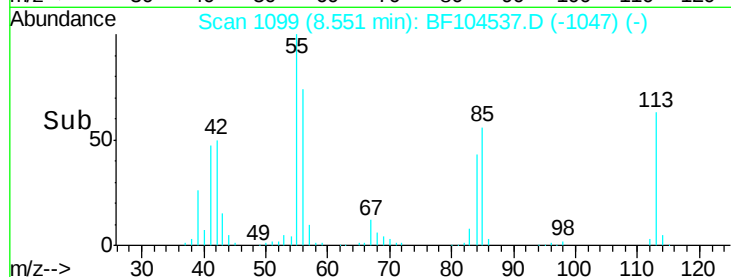
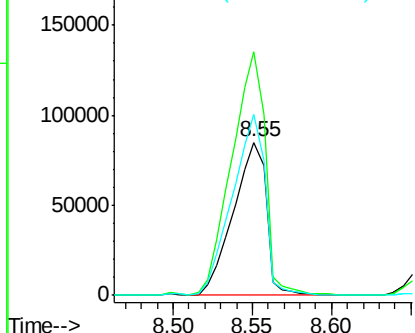
#35
 Caprolactam
 Concen: 38.941 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 122632
 Ion Ratio Lower Upper
 113 100
 55 159.1 163.3 203.3#
 56 118.0 115.7 155.7

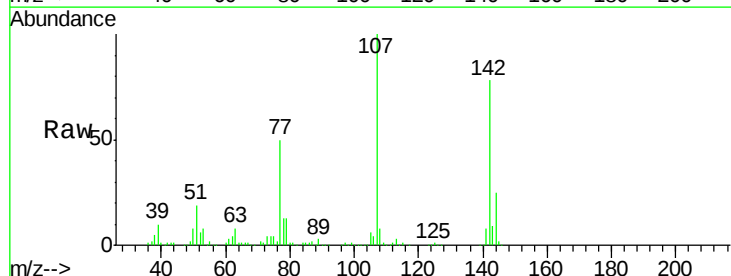


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

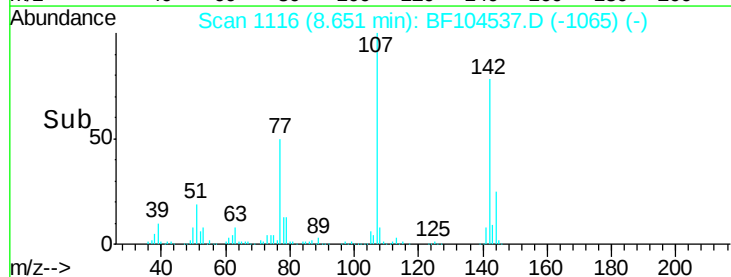
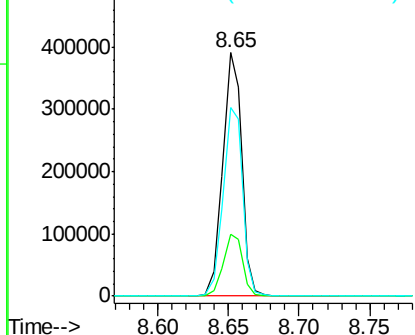


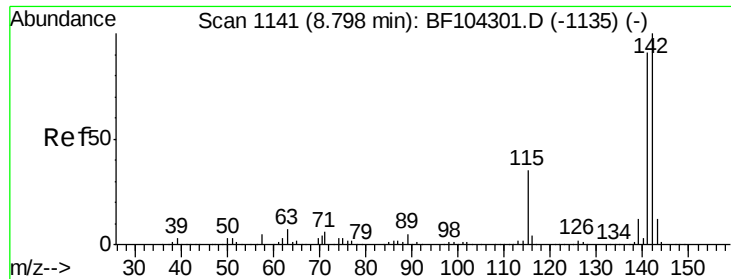
#36
 4-Chloro-3-methylphenol
 Concen: 37.867 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:107 Resp: 366536
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 77.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

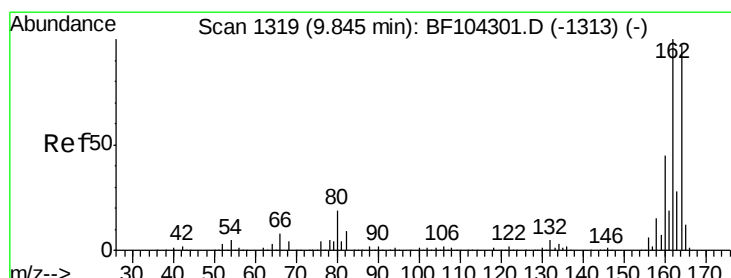
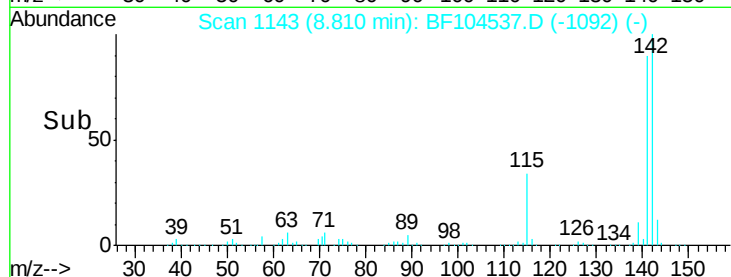
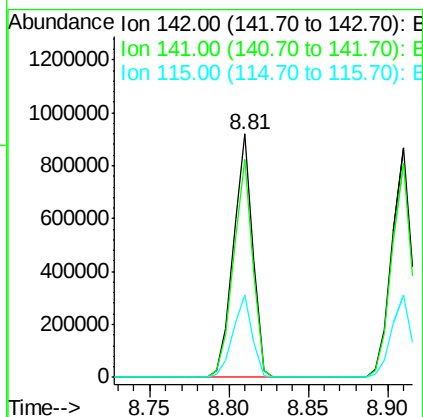
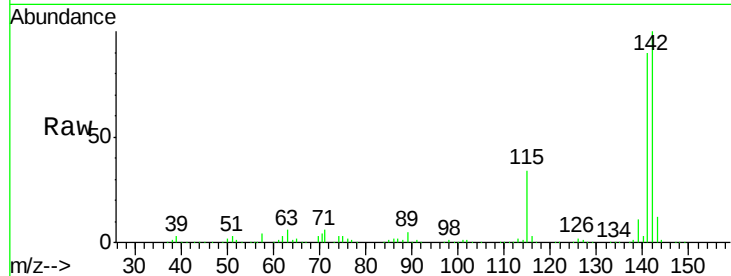




#37
 2-Methylnaphthalene
 Concen: 36.538 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

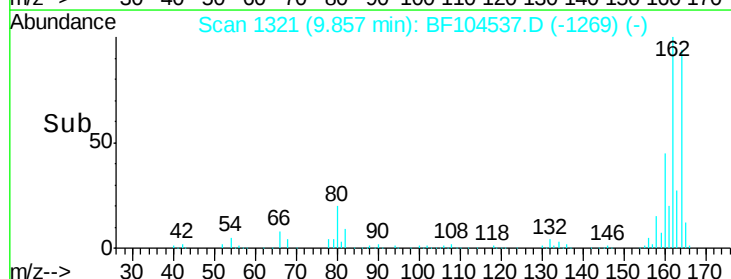
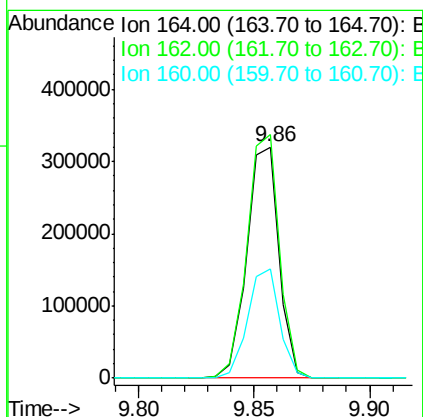
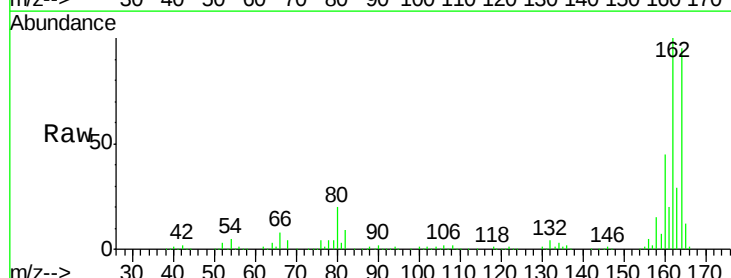
Instrument :
 BNA_F
 ClientSampleId :

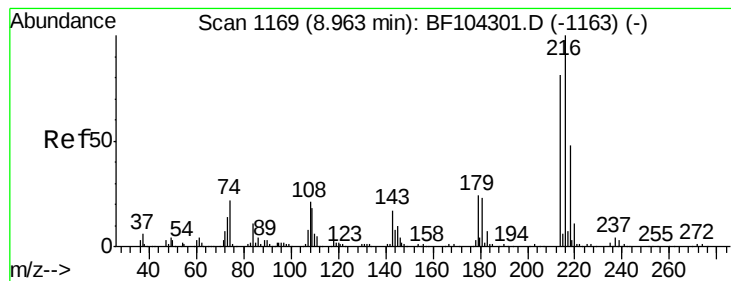
Tot Ion:142 Resp: 779064
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 33.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:164 Resp: 311593
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 47.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.209 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 340809

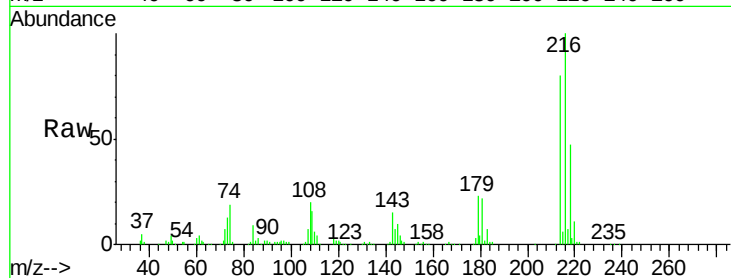
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.3 18.1 27.1

108 20.8 17.2 25.8

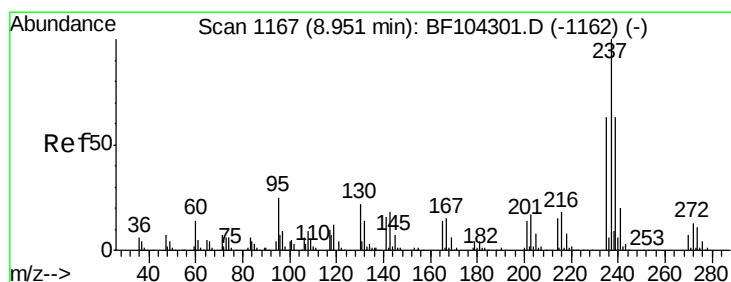
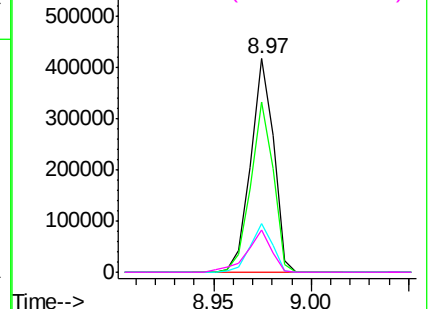
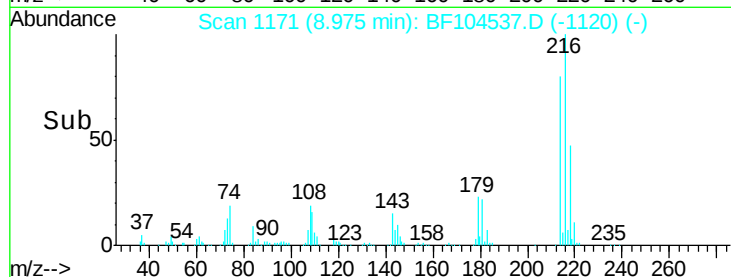


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.847 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

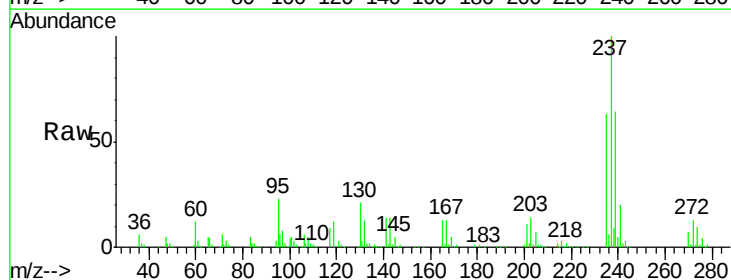
Tgt Ion:237 Resp: 179004

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

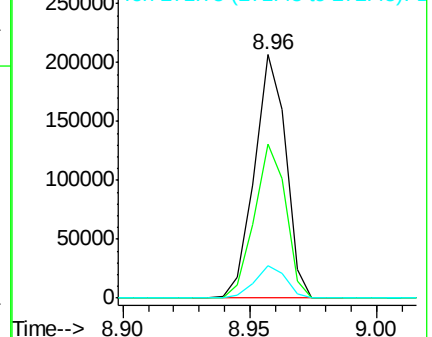
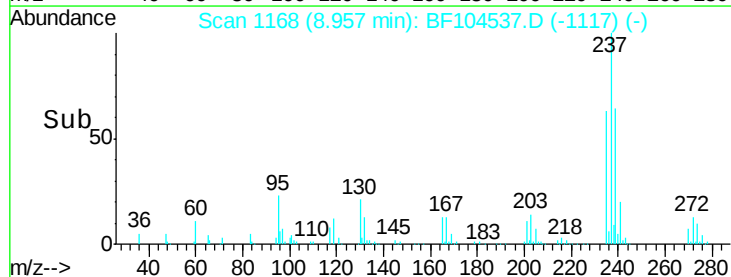
272 13.3 0.0 33.3

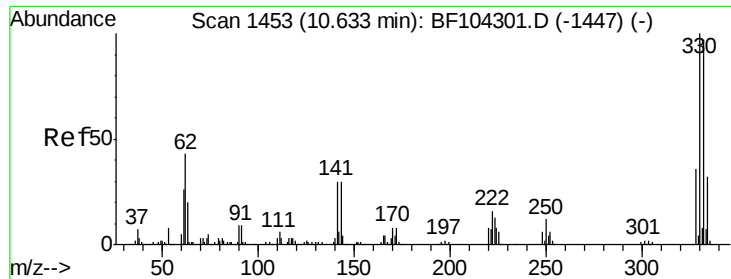


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

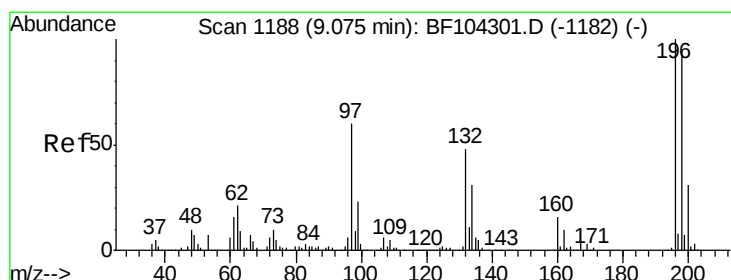
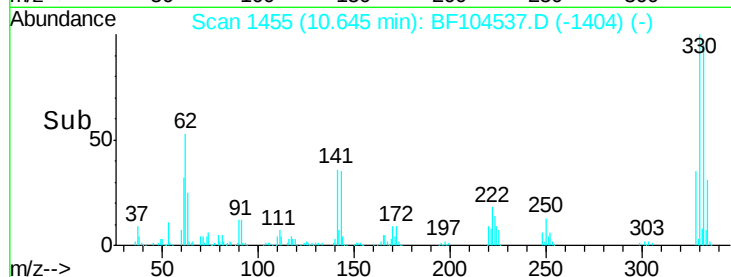
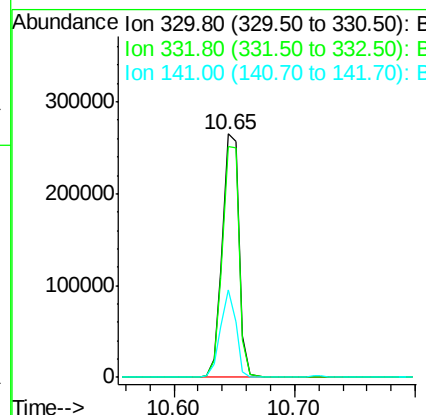
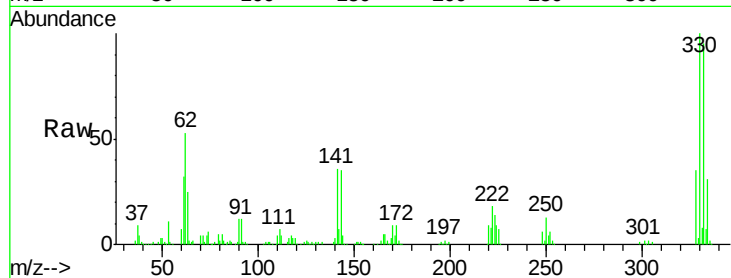




#41
 2,4,6-Tribromophenol
 Concen: 78.050 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

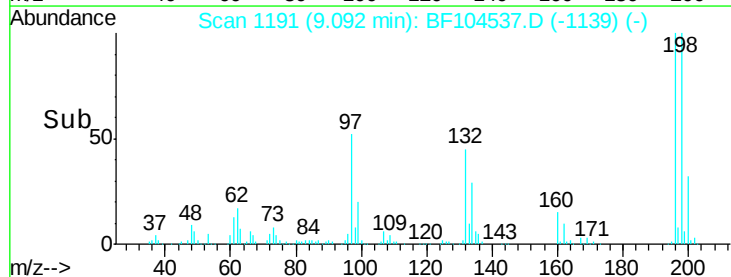
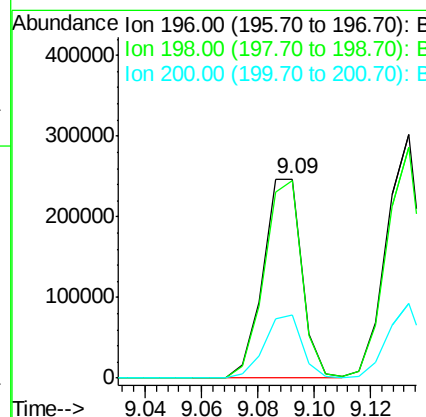
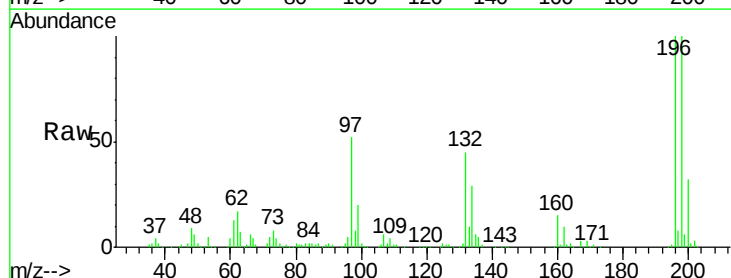
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 252275
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 32.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.016 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:196 Resp: 235391
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.7 113.5
 200 31.7 24.5 36.7

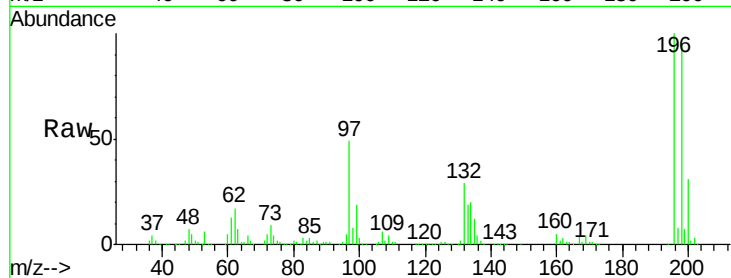




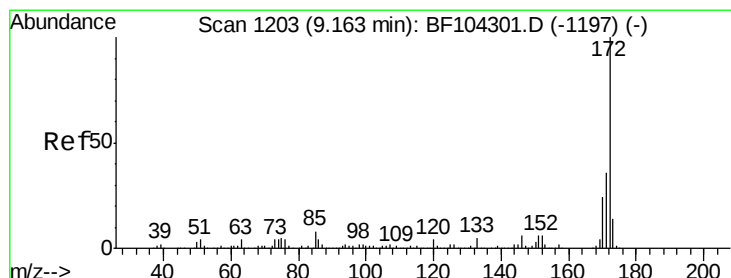
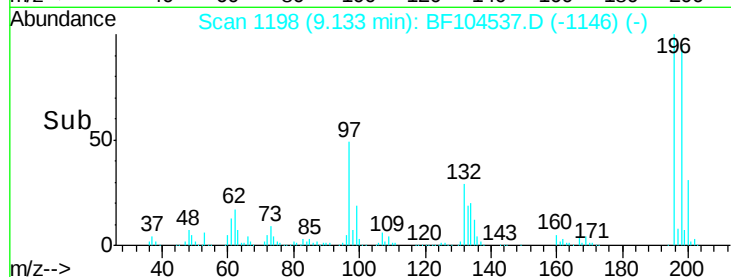
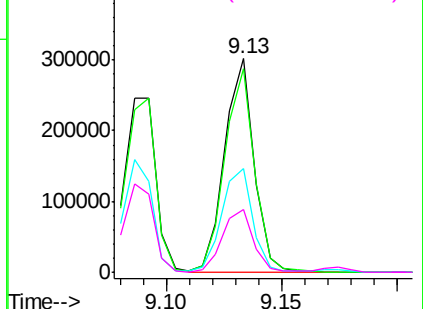
#43
 2,4,5-Trichlorophenol
 Concen: 38.572 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	267259
Ion	Ratio	Lower Upper
196	100	
198	95.0	74.6 112.0
97	48.5	42.9 64.3
132	29.4	26.3 39.5

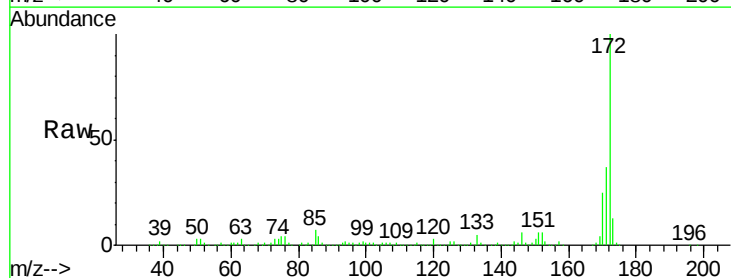


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

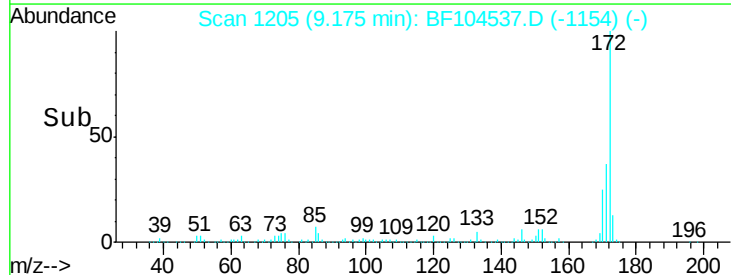
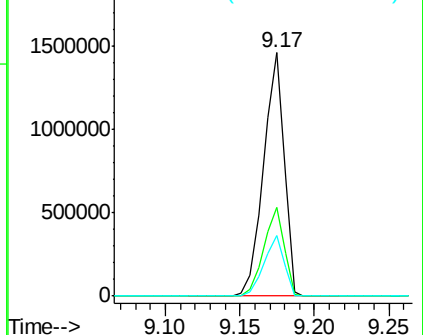


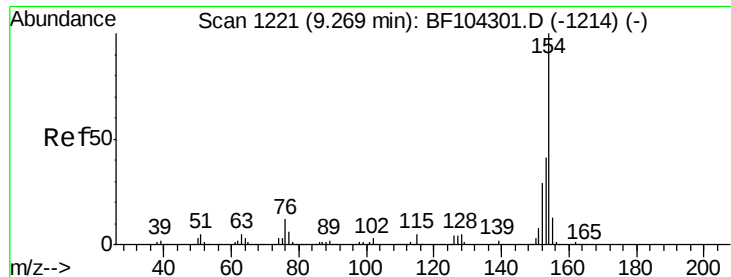
#44
 2-Fluorobiphenyl
 Concen: 69.821 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:172	Resp:	1377161
Ion	Ratio	Lower Upper
172	100	
171	36.6	29.7 44.5
170	24.6	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 36.190 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

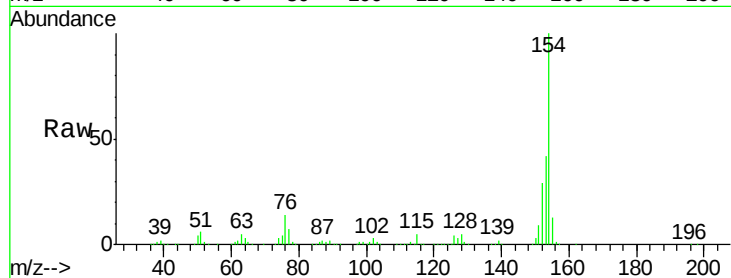
Tot Ion:154 Resp: 947295

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

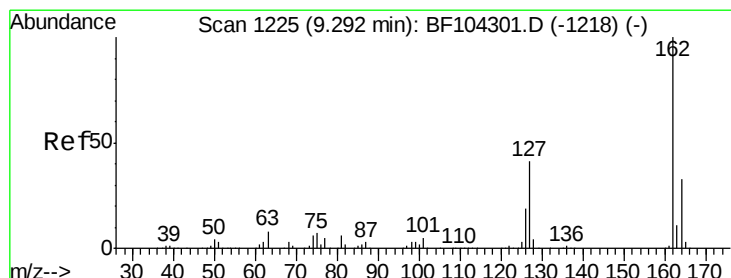
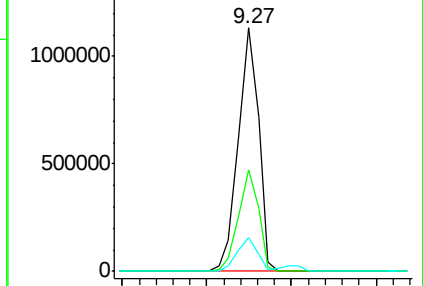
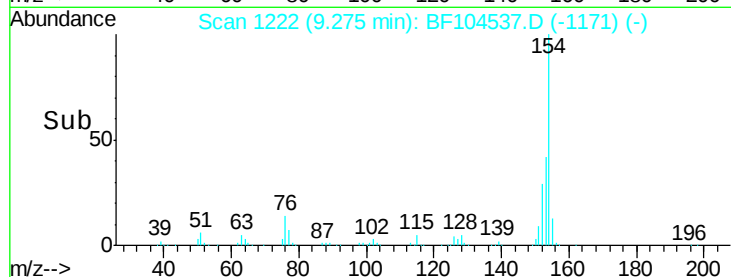
76 13.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.805 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

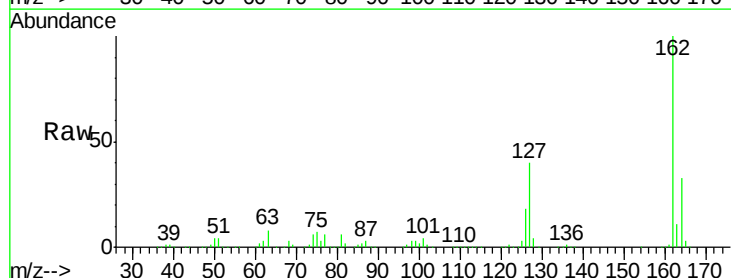
Tgt Ion:162 Resp: 760975

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

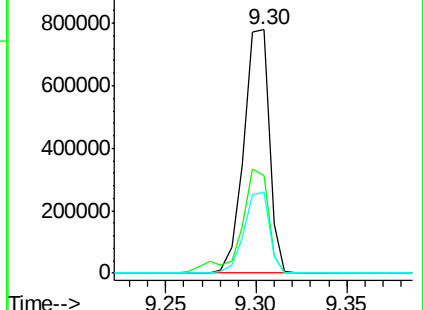
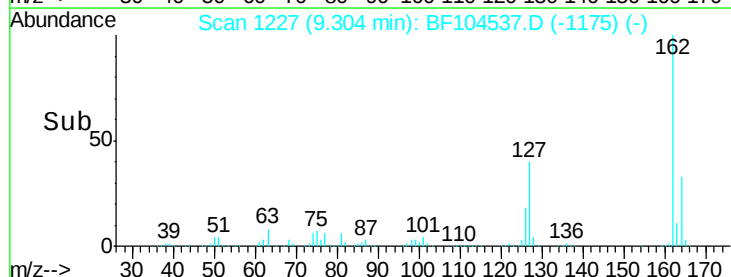
164 33.4 26.5 39.7

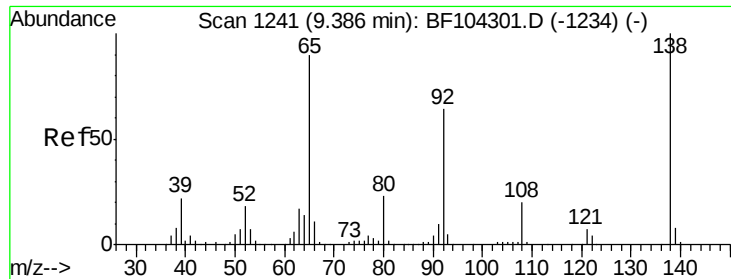


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

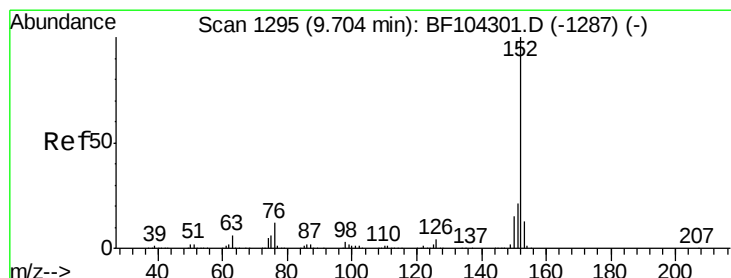
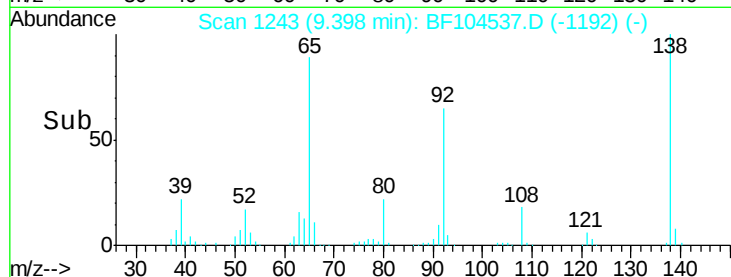
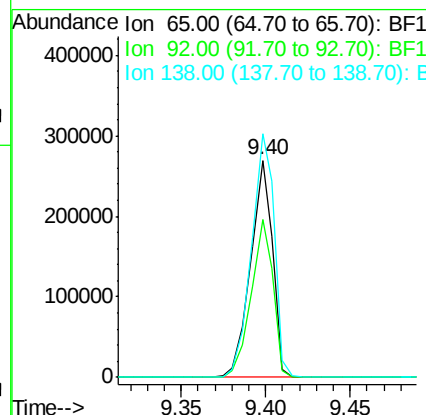
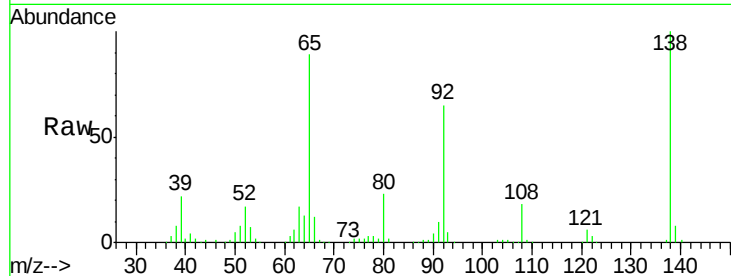




#47
 2-Nitroaniline
 Concen: 48.208 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

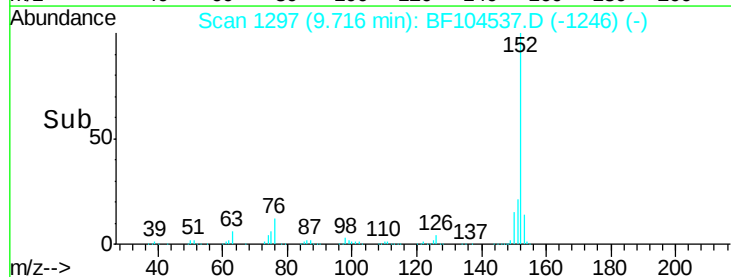
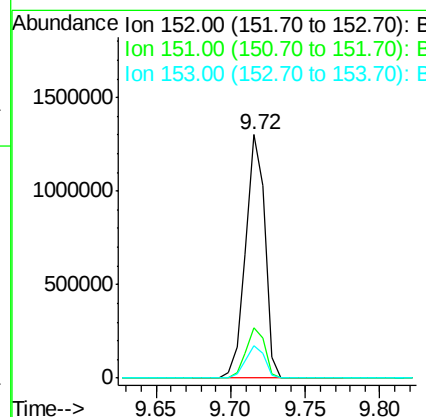
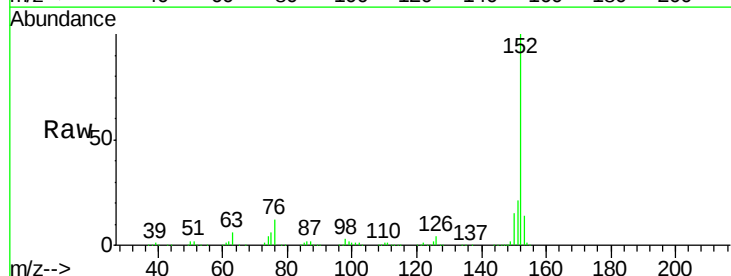
Instrument :
 BNA_F
 ClientSampleId :

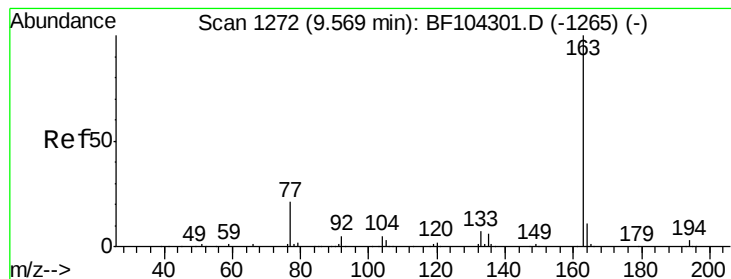
Tot Ion: 65 Resp: 246491
 Ion Ratio Lower Upper
 65 100
 92 72.6 55.8 83.6
 138 112.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.926 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:152 Resp: 1165436
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 37.999 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

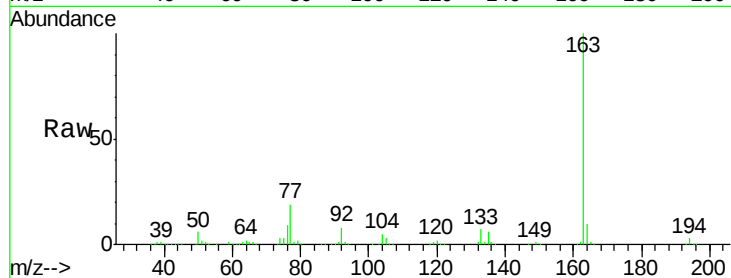
Tot Ion:163 Resp: 933689

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

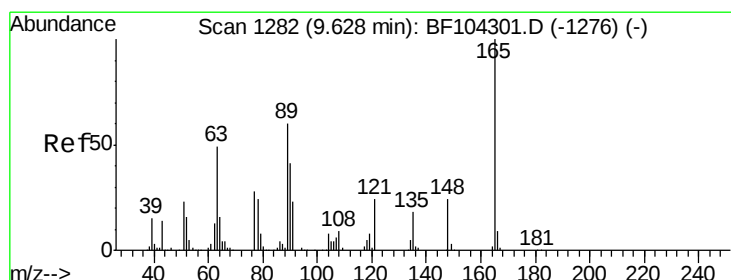
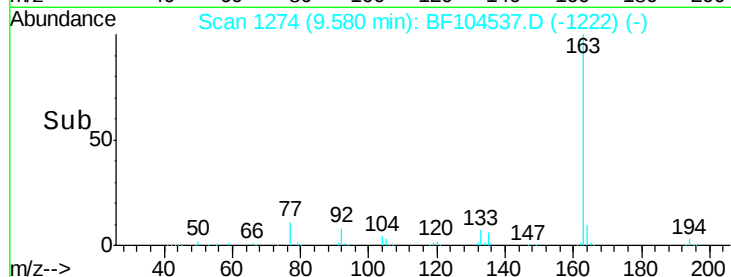
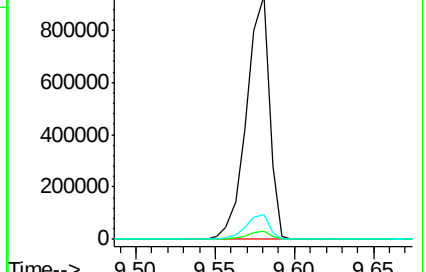
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.248 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

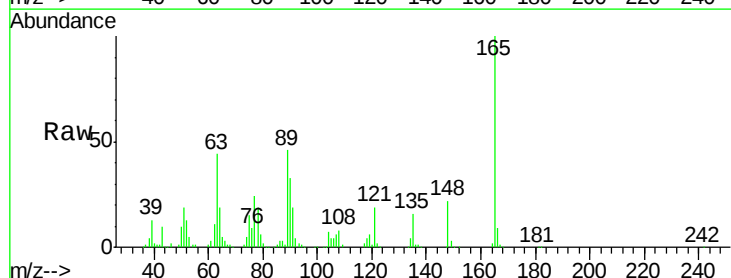
Tgt Ion:165 Resp: 205729

Ion Ratio Lower Upper

165 100

63 44.2 44.7 67.1#

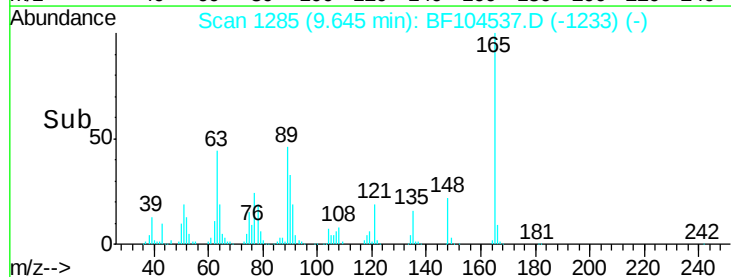
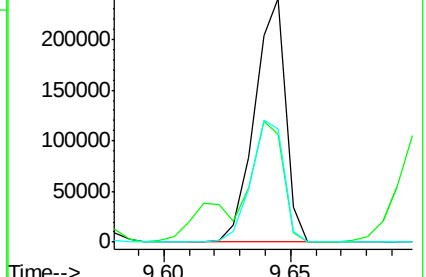
89 46.4 44.0 66.0

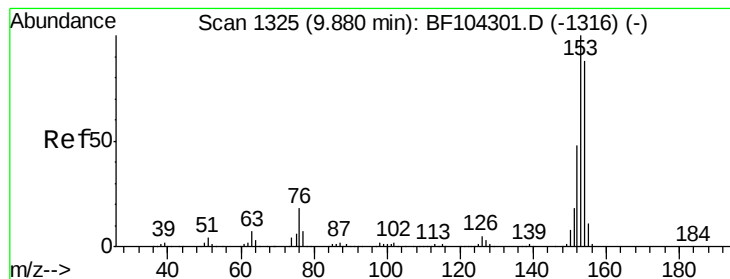


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.827 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

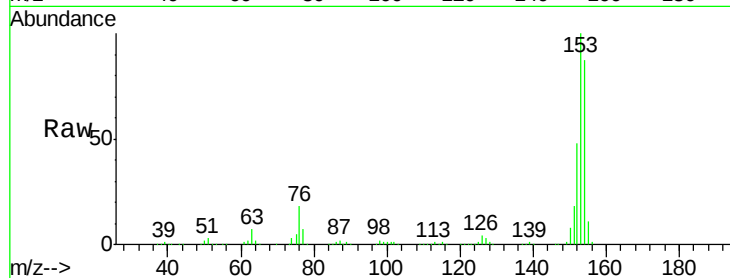
Tot Ion:154 Resp: 689317

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

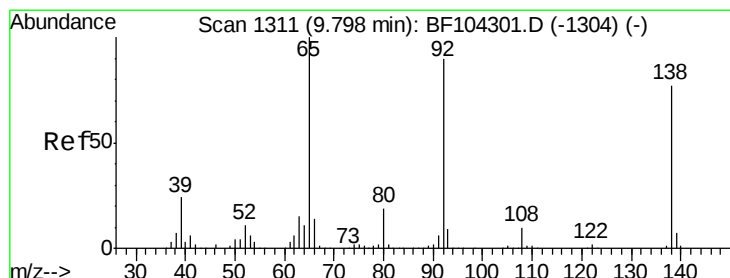
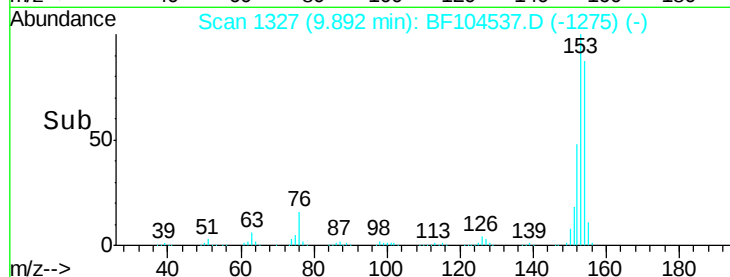
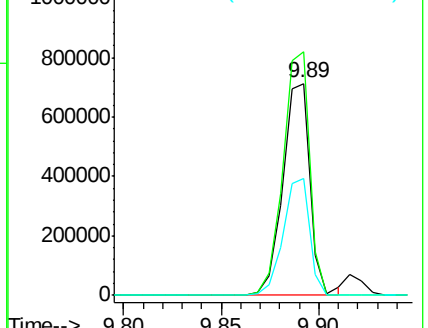
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.988 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

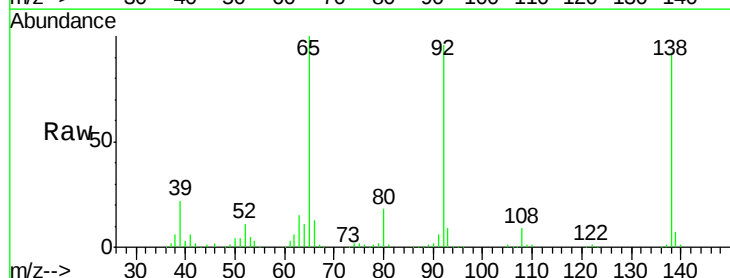
Tgt Ion:138 Resp: 244787

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

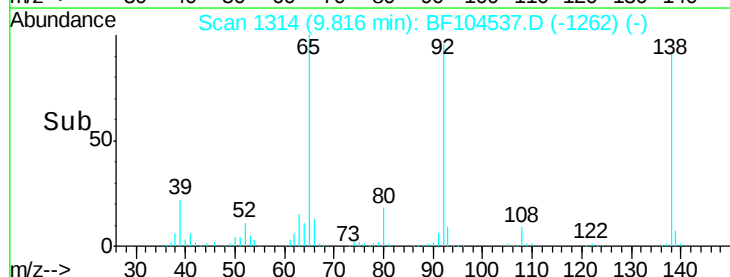
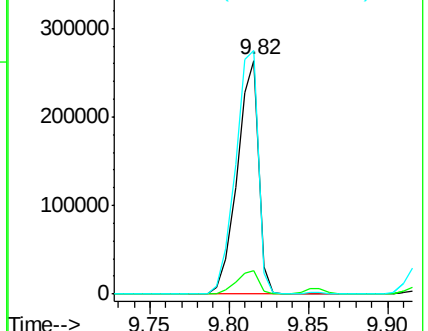
92 104.3 89.4 134.2

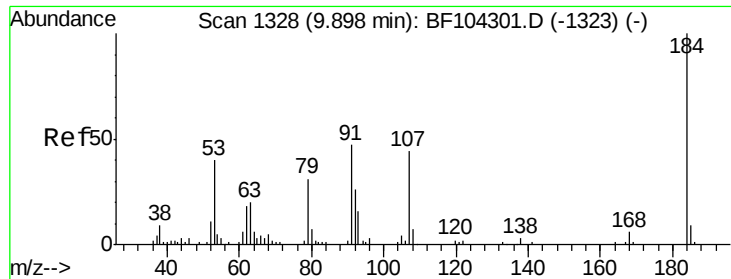


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

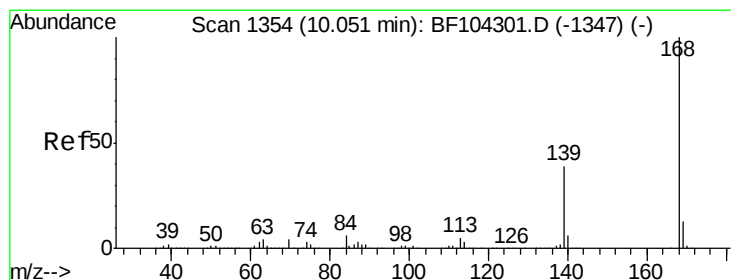
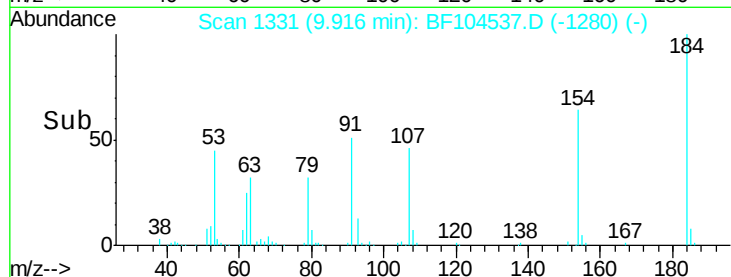
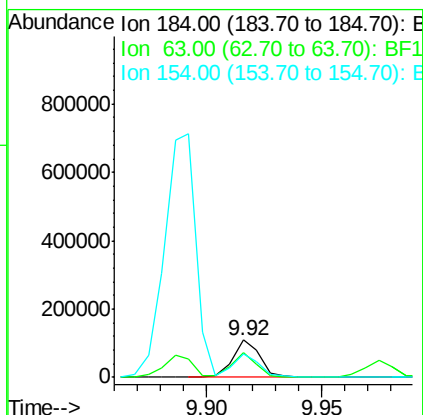
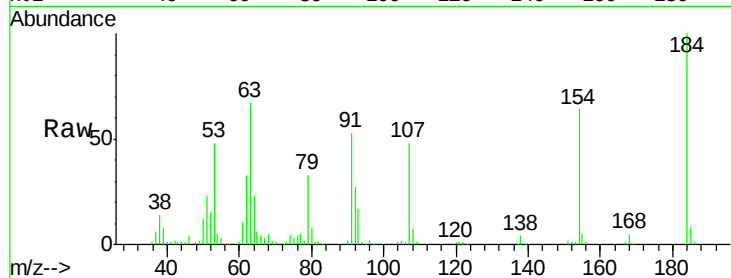




#53
 2,4-Dinitrophenol
 Concen: 56.406 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

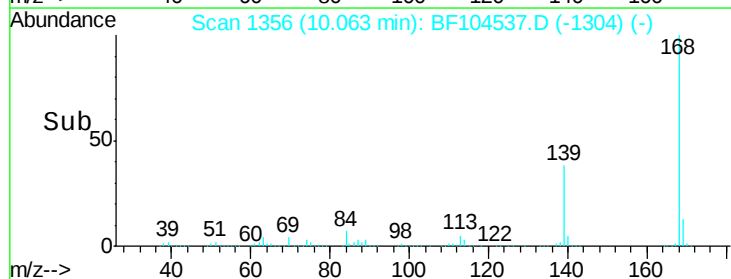
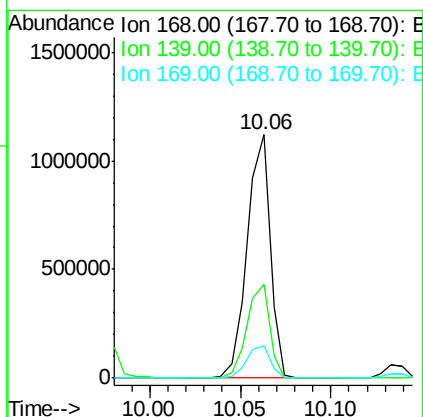
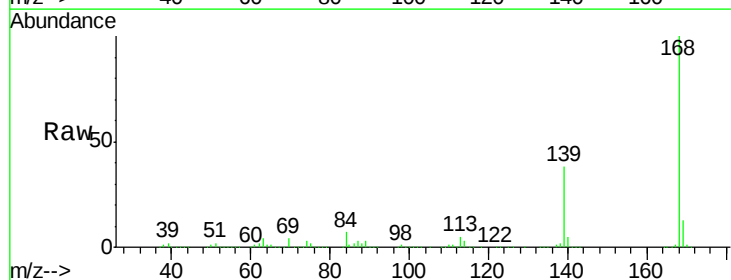
Instrument :
 BNA_F
 ClientSampled :

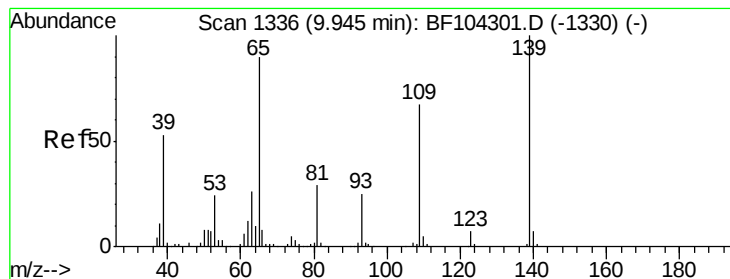
Tot Ion:184 Resp: 90474
 Ion Ratio Lower Upper
 184 100
 63 66.9 54.2 81.2
 154 64.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.837 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:168 Resp: 988493
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 42.218 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampled :

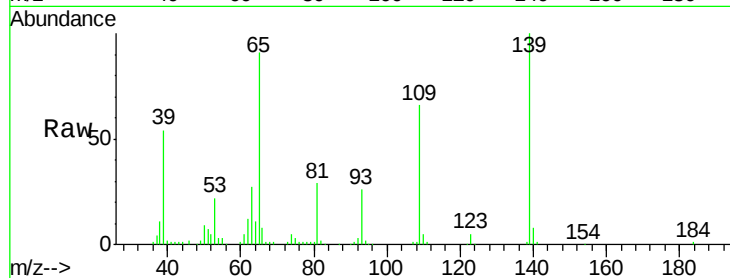
Tot Ion:139 Resp: 176523

Ion Ratio Lower Upper

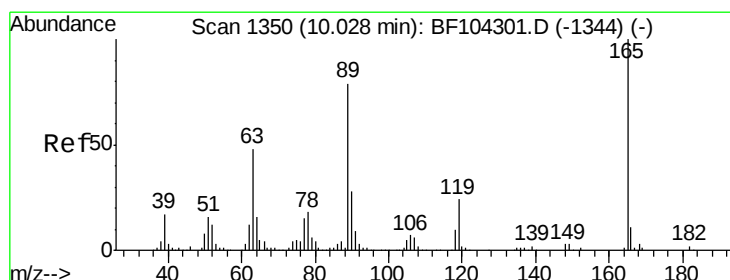
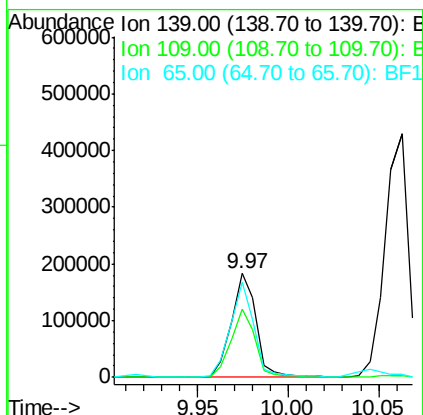
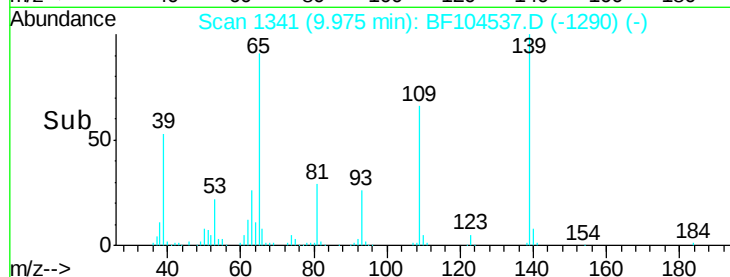
139 100

109 66.1 48.4 88.4

65 91.2 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: 45.298 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Tgt Ion:165 Resp: 270154

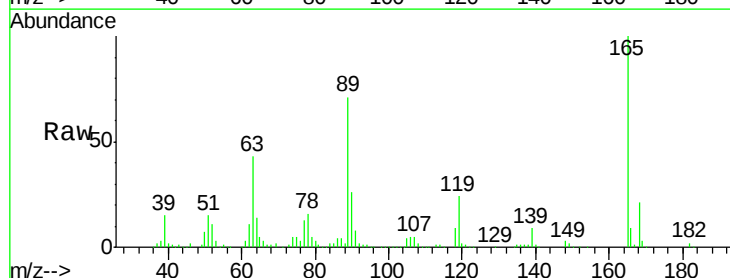
Ion Ratio Lower Upper

165 100

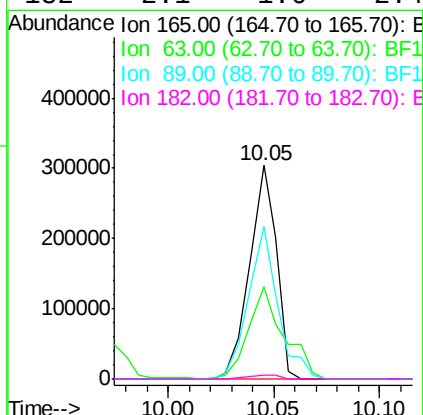
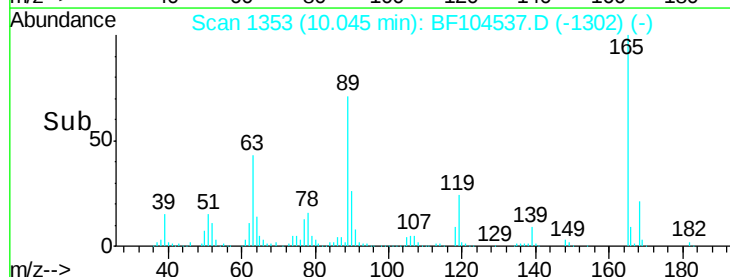
63 43.1 36.4 54.6

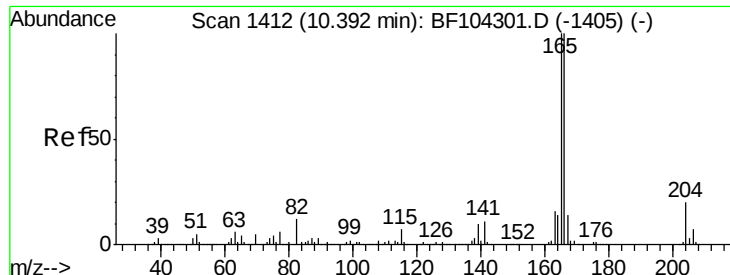
89 71.5 57.8 86.6

182 2.1 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

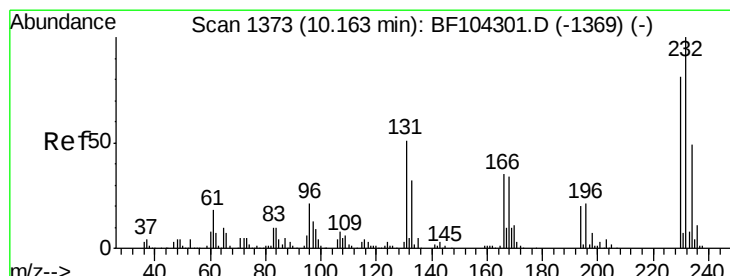
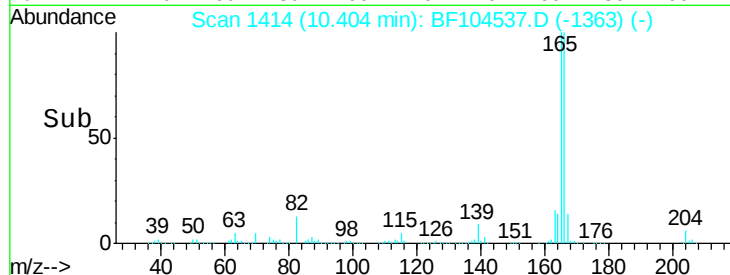
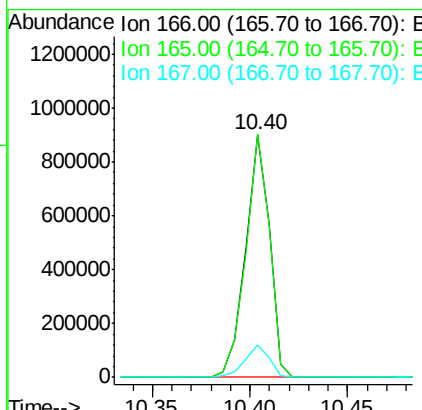
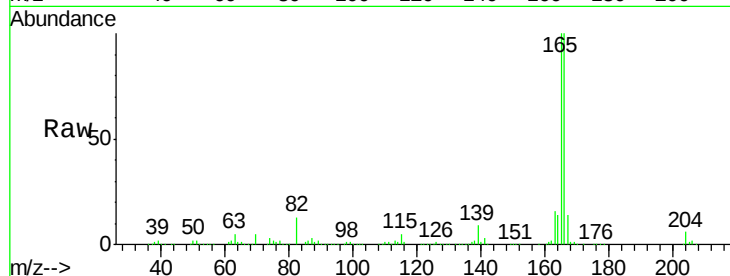




#57
 Fluorene
 Concen: 38.250 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

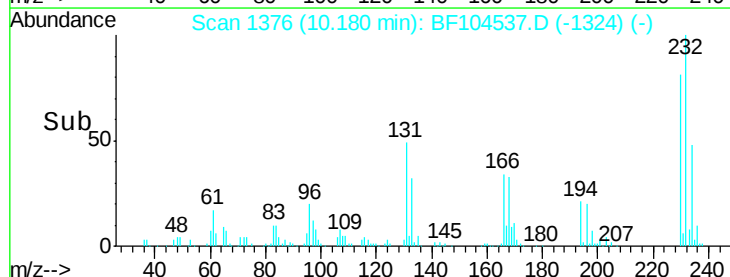
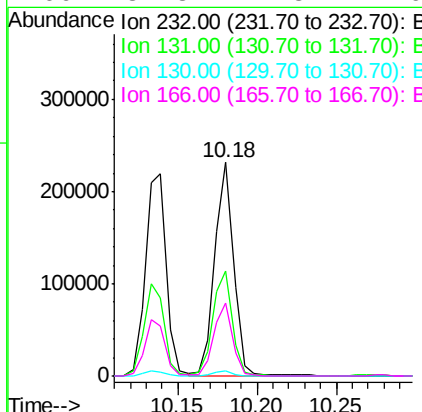
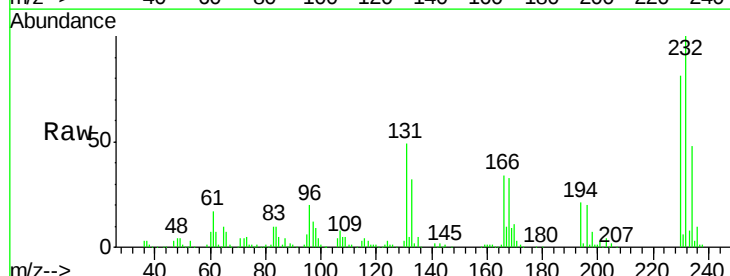
Instrument :
 BNA_F
 ClientSampleId :

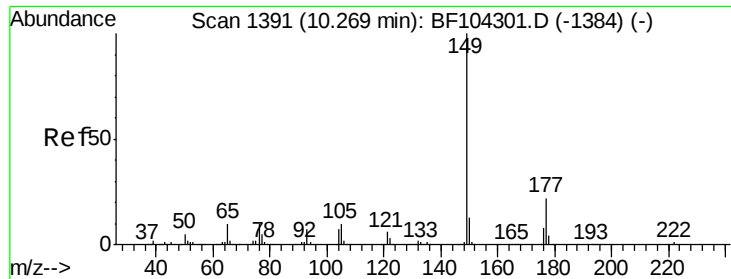
Tot Ion:166 Resp: 767934
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.248 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:232 Resp: 192544
 Ion Ratio Lower Upper
 232 100
 131 51.3 43.8 65.8
 130 2.5 2.1 3.1
 166 34.3 27.8 41.6

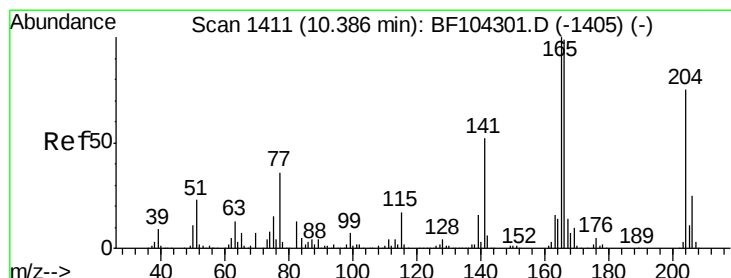
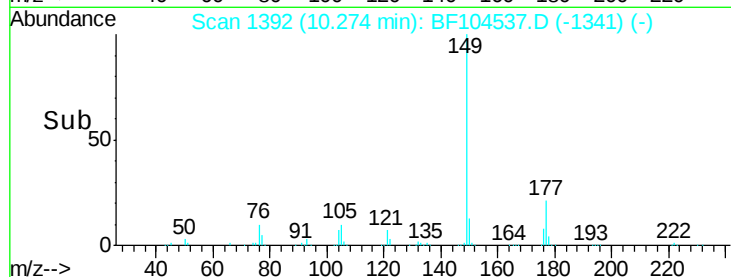
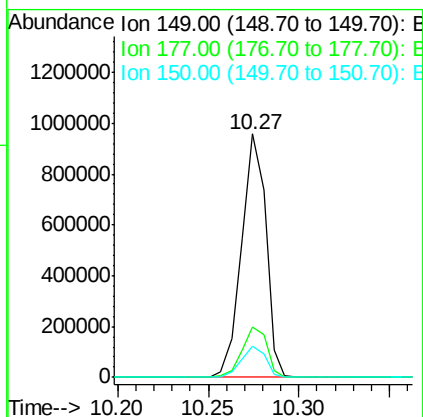
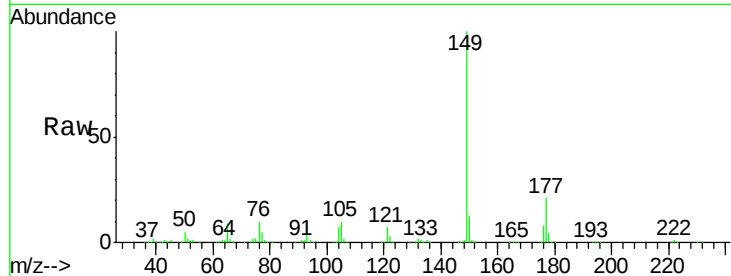




#59
Diethylphthalate
Concen: 36.588 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

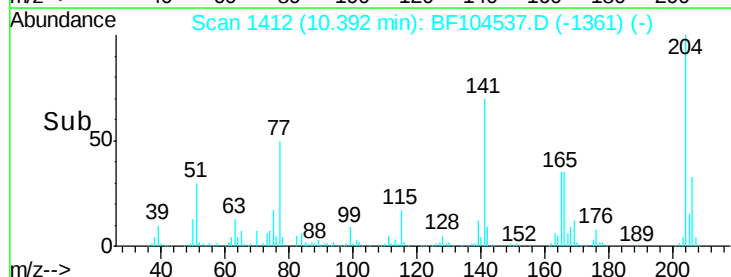
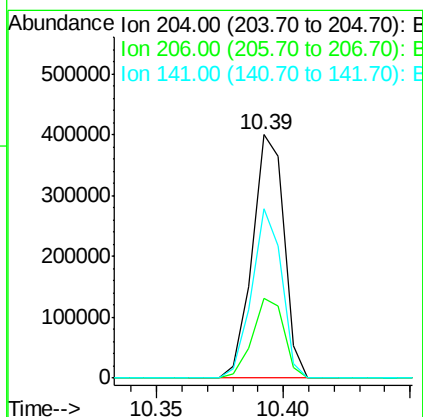
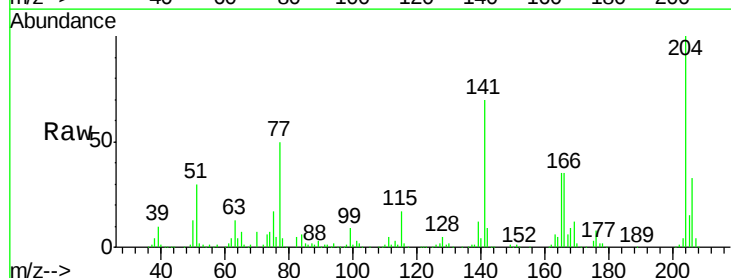
Instrument :
BNA_F
ClientSampleId :

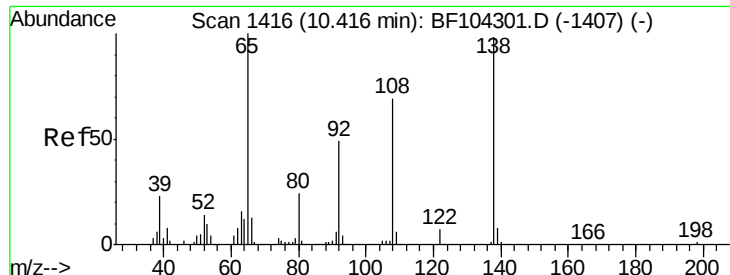
Tot Ion:149 Resp: 895355
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.139 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion:204 Resp: 349953
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 69.7 54.6 81.8

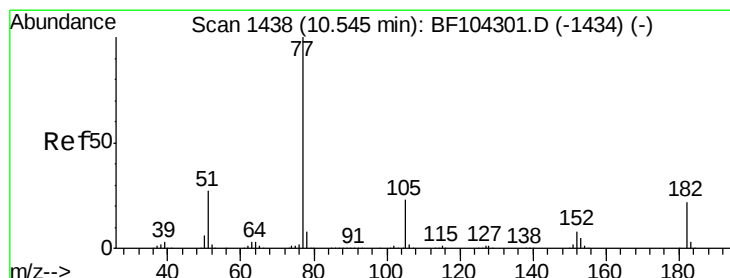
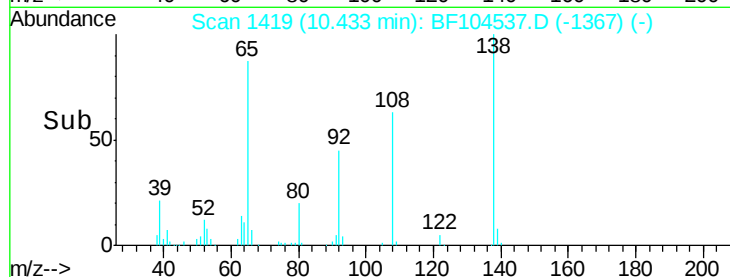
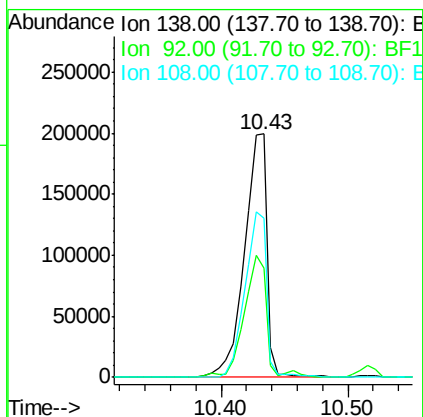
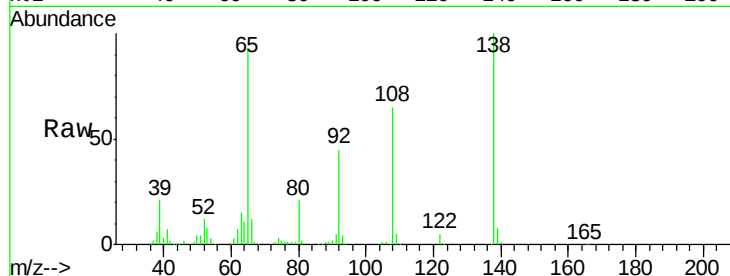




#61
4-Nitroaniline
Concen: 47.453 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

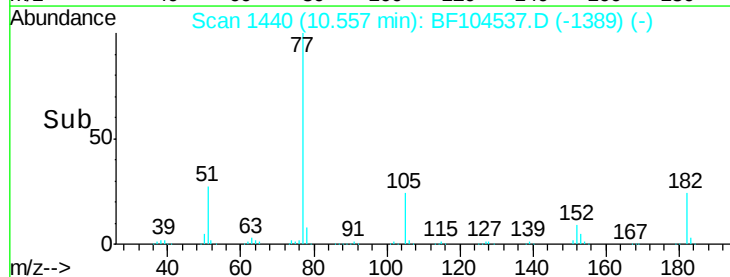
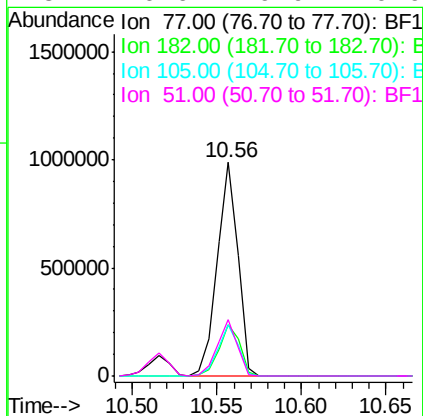
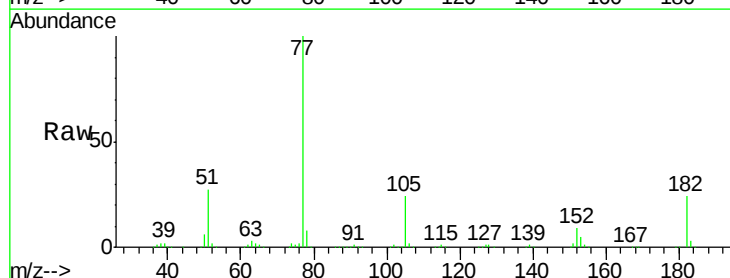
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 246969
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 65.2 52.5 92.5



#62
Azobenzene
Concen: 36.233 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion: 77 Resp: 847131
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 23.9 3.0 43.0
51 26.6 9.9 49.9

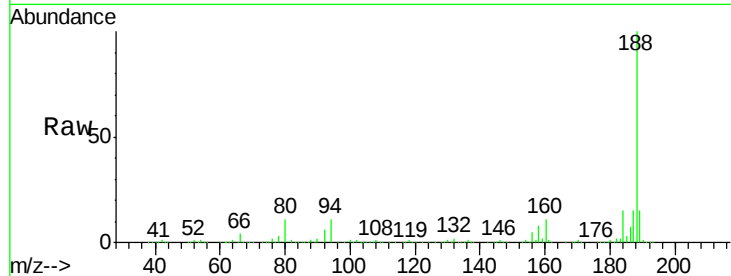




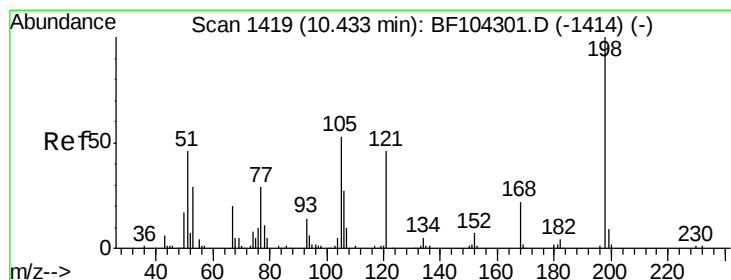
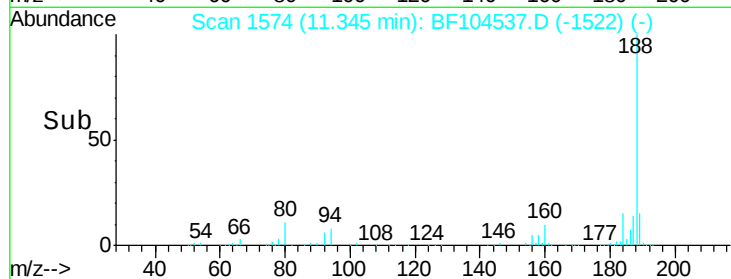
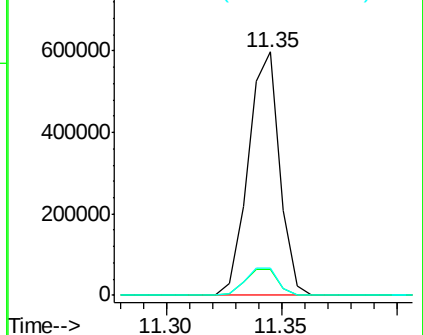
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

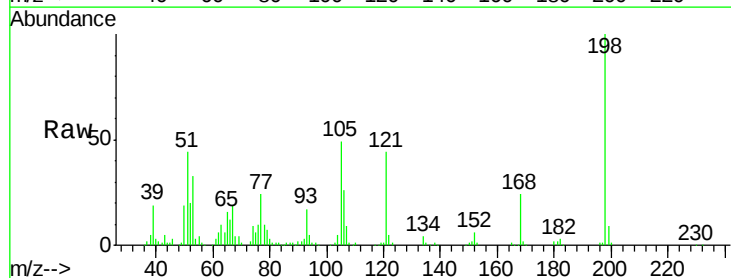


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

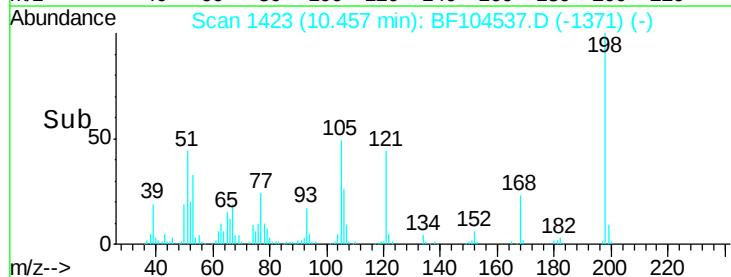
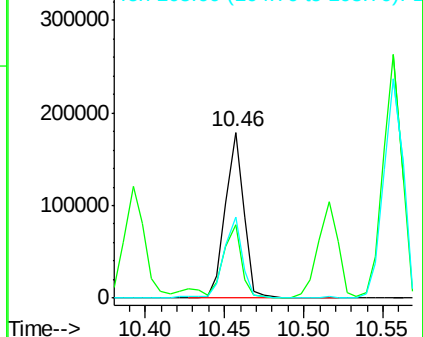


#64
4,6-Dinitro-2-methylphenol
Concen: 51.791 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.1	37.7	77.7
105	49.1	36.3	76.3



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

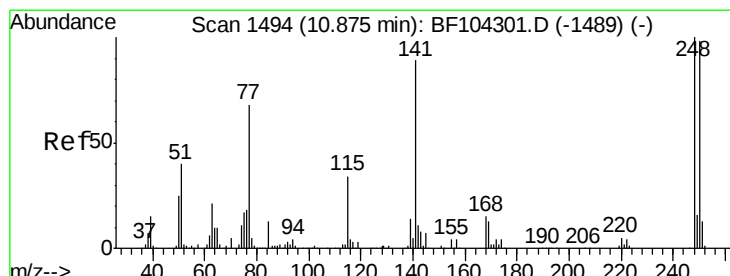
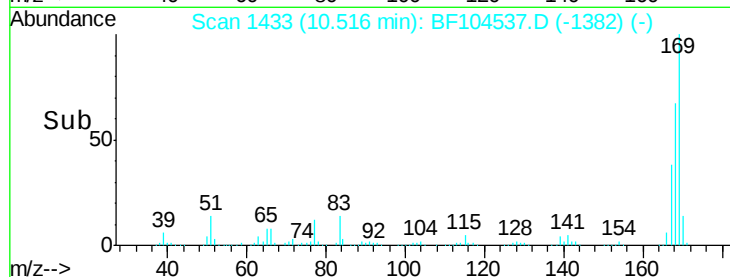
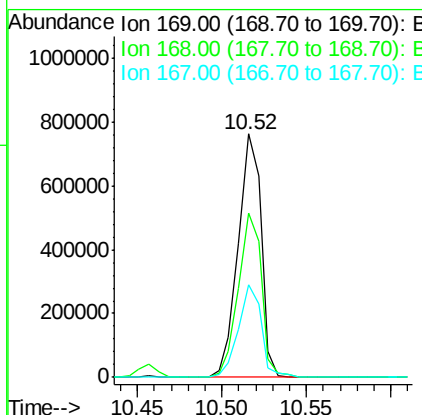
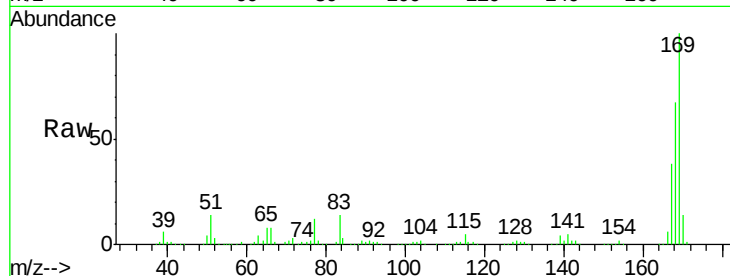




#65
 n-Nitrosodiphenylamine
 Concen: 36.724 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

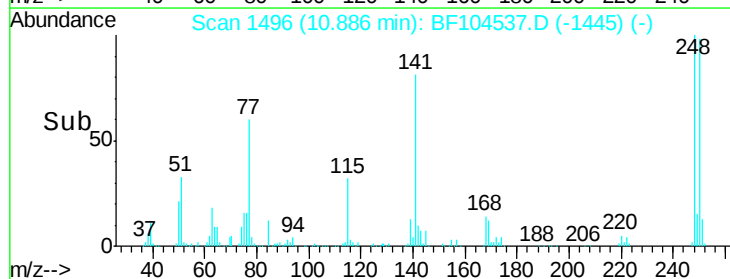
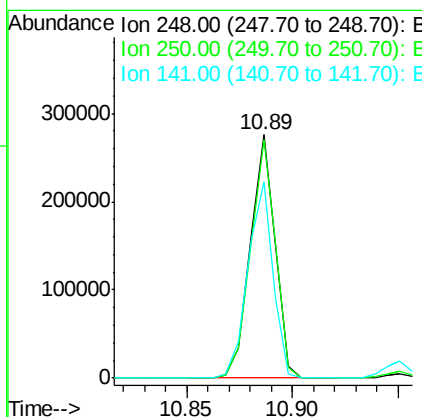
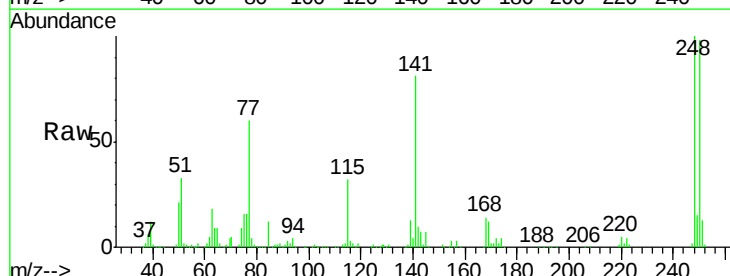
Instrument :
 BNA_F
 ClientSampled :

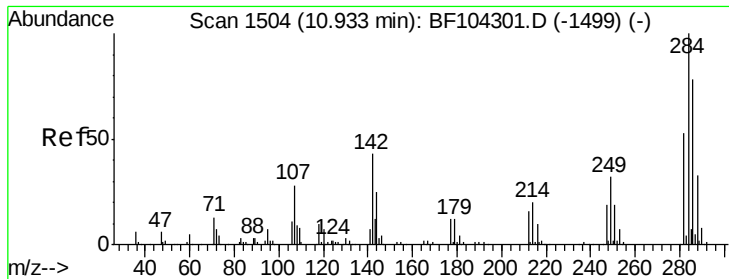
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.354 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	80.7	74.4	111.6

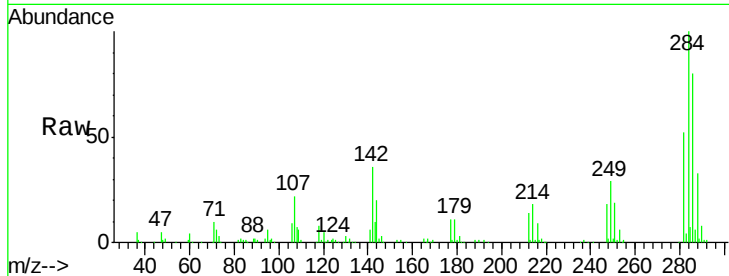




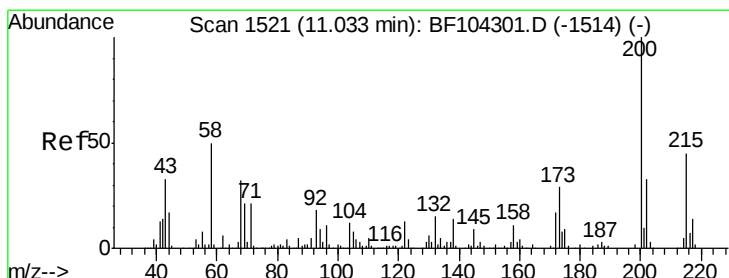
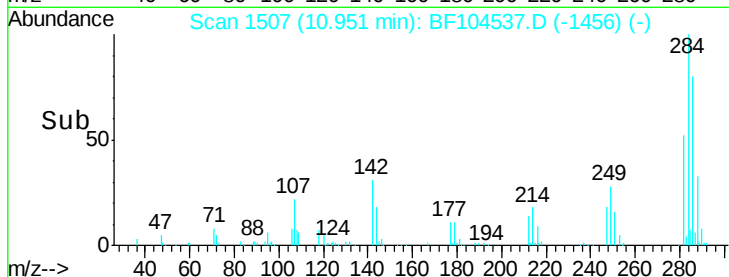
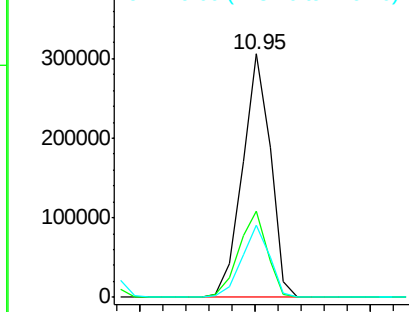
#67
Hexachlorobenzene
Concen: 38.168 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	34.6	52.0
249	29.5	24.8	37.2

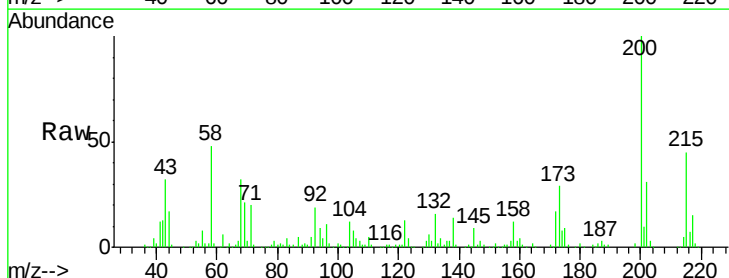


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

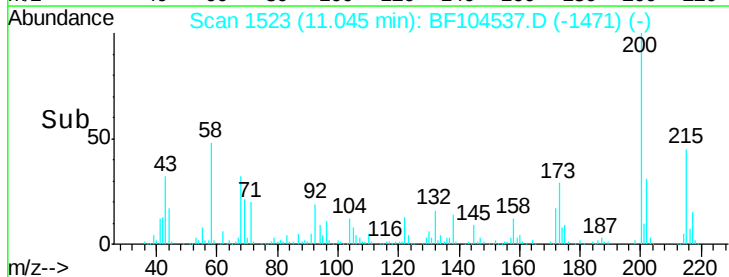
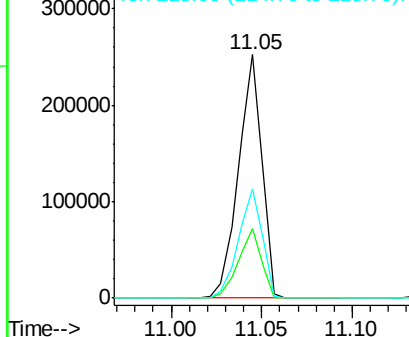


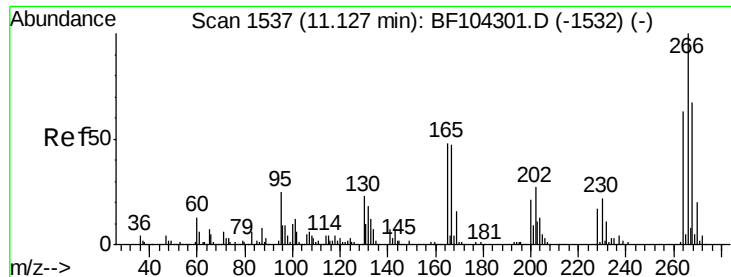
#68
Atrazine
Concen: 38.082 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.6	48.6
215	45.0	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

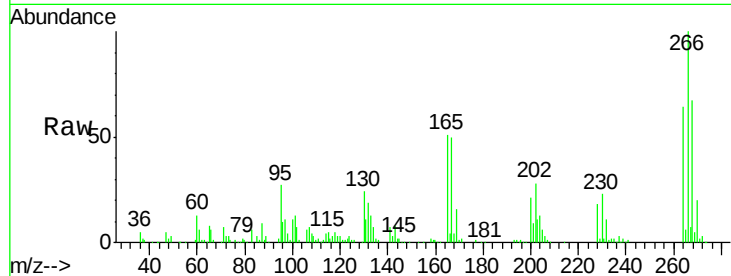




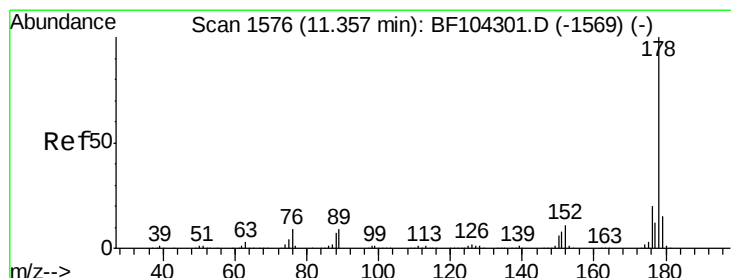
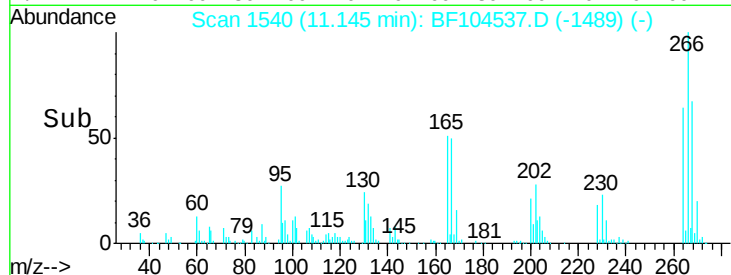
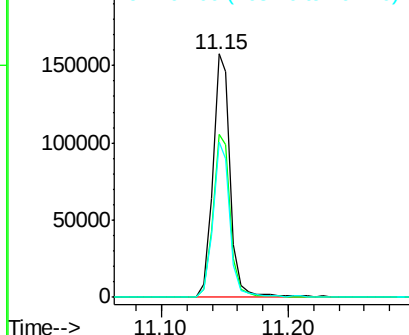
#69
 Pentachlorophenol
 Concen: 36.527 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 153456
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 63.8 49.5 74.3

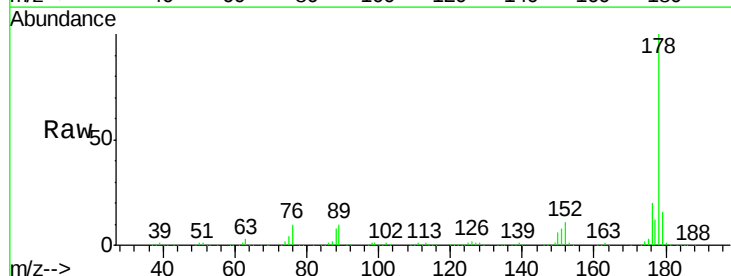


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

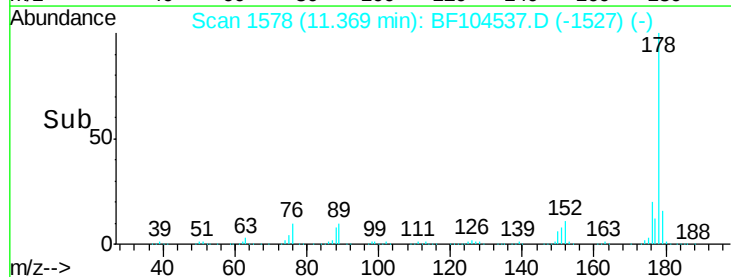
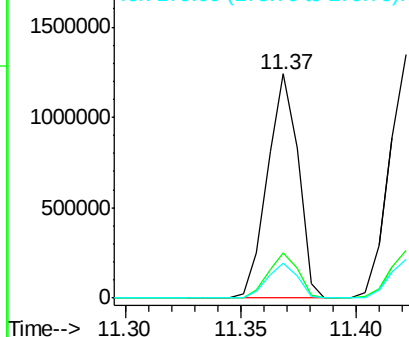


#70
 Phenanthrene
 Concen: 36.245 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:178 Resp: 1145262
 Ion Ratio Lower Upper
 178 100
 176 20.1 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

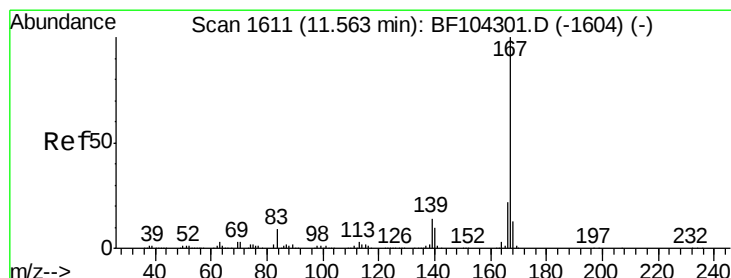
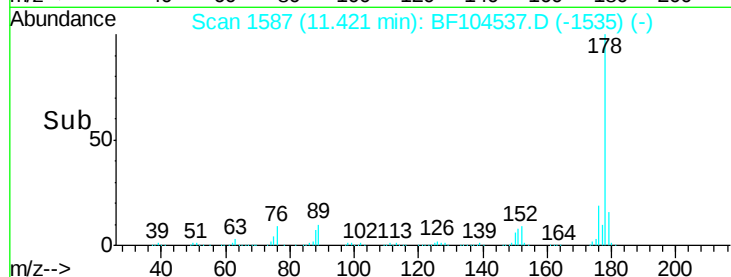
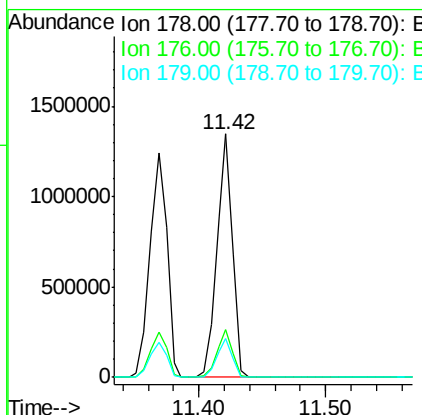
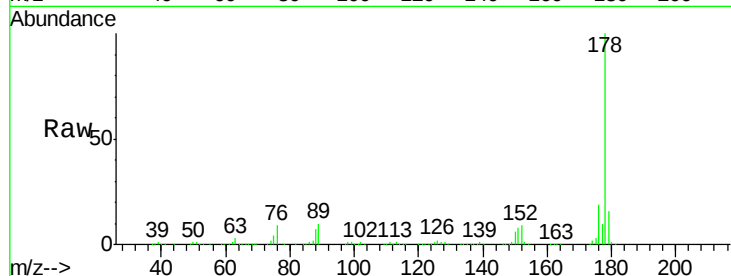




#71
 Anthracene
 Concen: 36.216 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

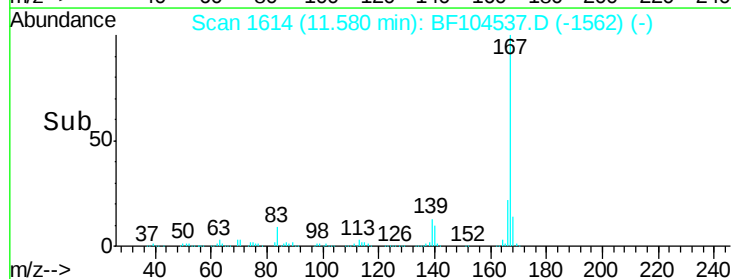
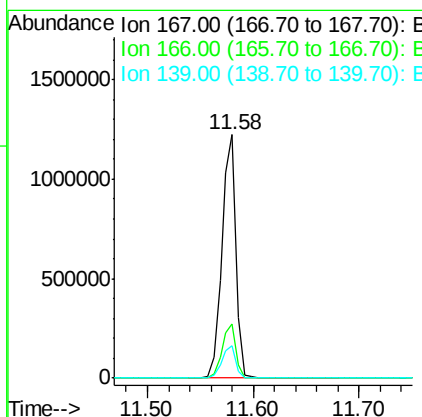
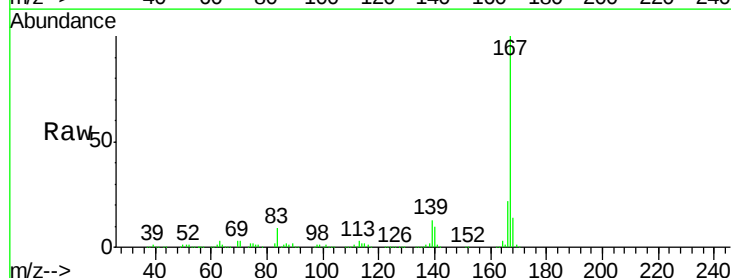
Instrument :
 BNA_F
 ClientSampleId :

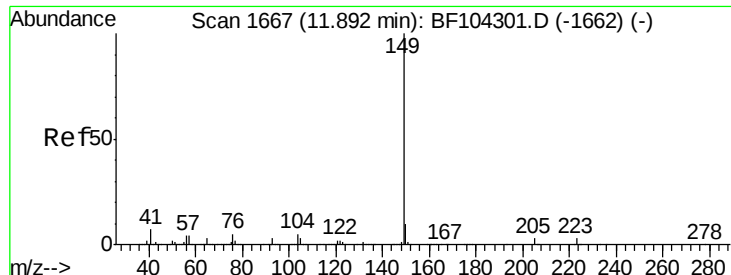
Tot Ion:178 Resp: 1163237
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 36.061 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion:167 Resp: 1131808
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.913 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

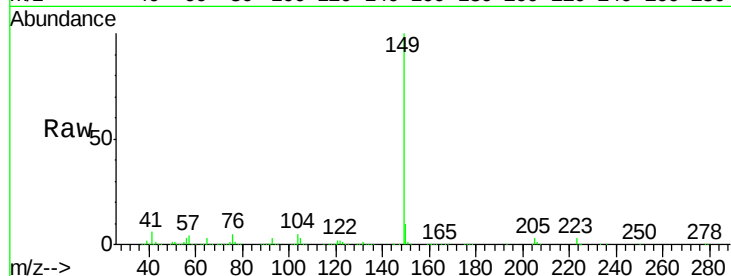
Tot Ion:149 Resp: 1415235

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

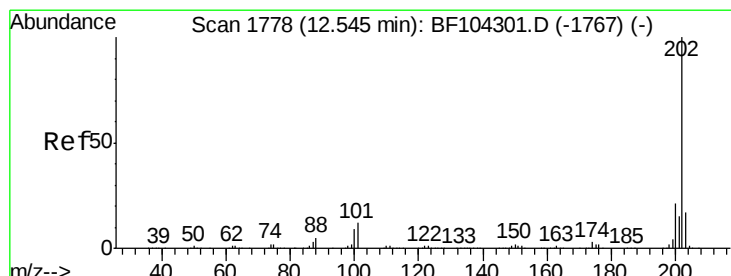
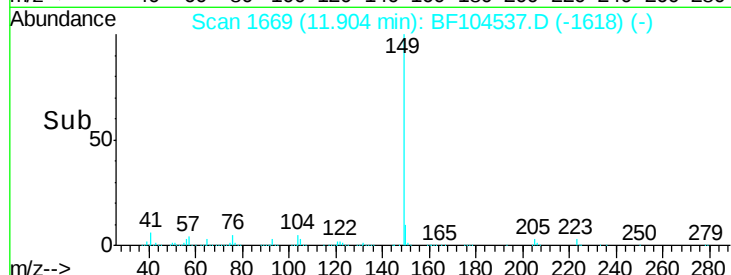
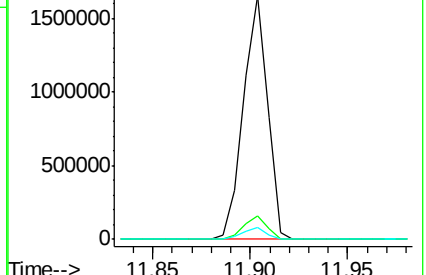
104 4.9 3.8 5.8



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: 35.381 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

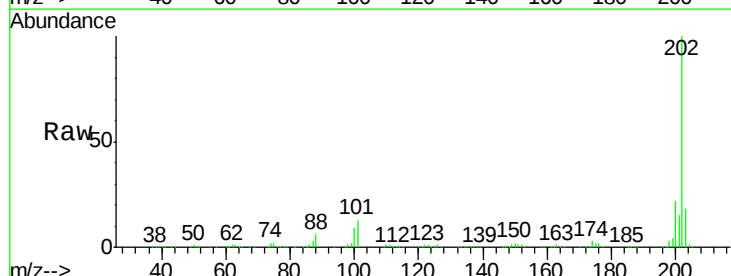
Tgt Ion:202 Resp: 1168046

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

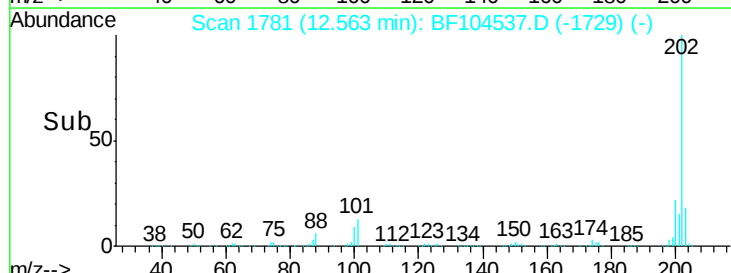
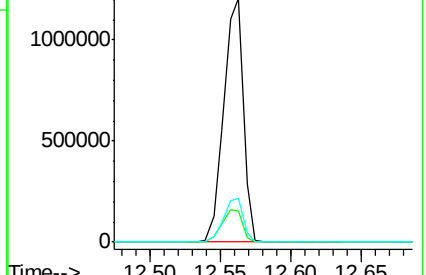
203 18.2 0.0 38.1

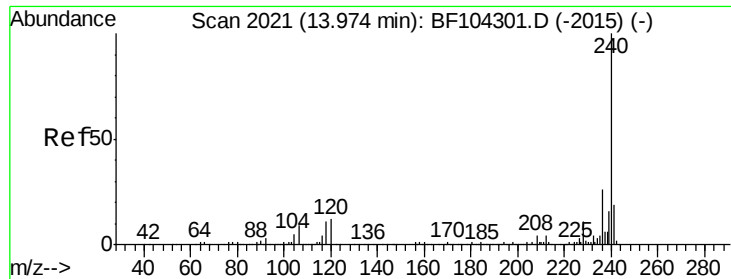


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

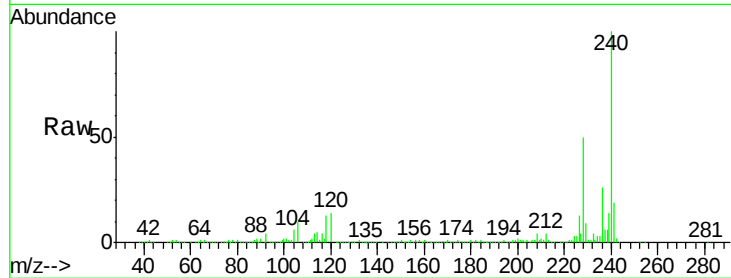
Tot Ion:240 Resp: 417589

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

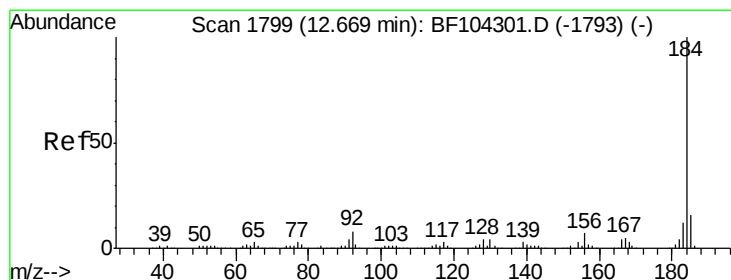
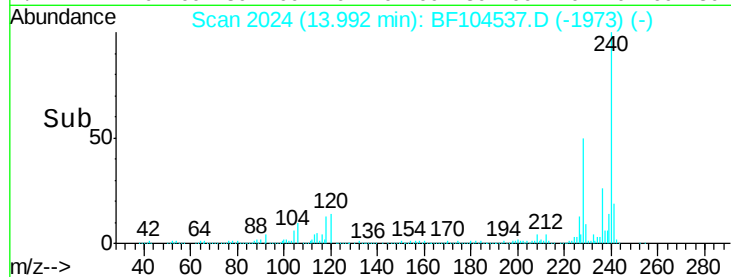
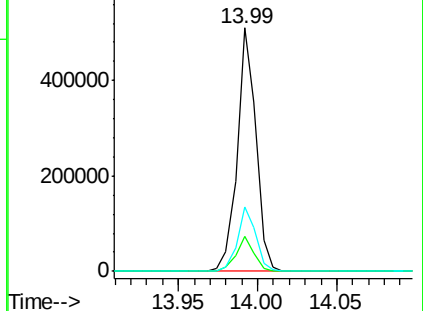
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.948 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

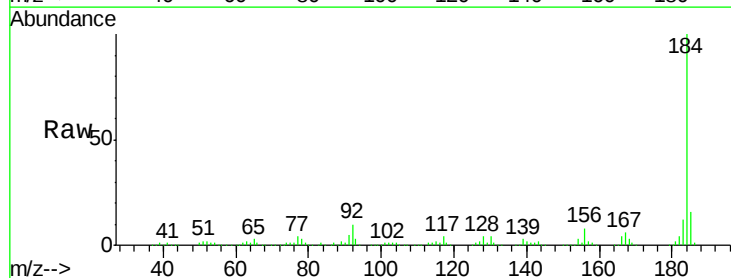
Tgt Ion:184 Resp: 502387

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

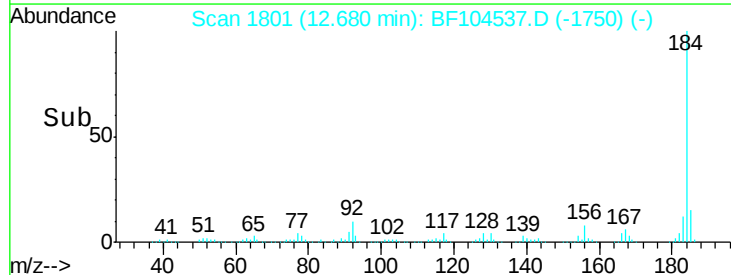
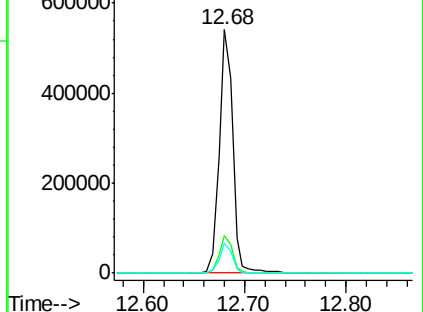
183 12.1 9.3 13.9

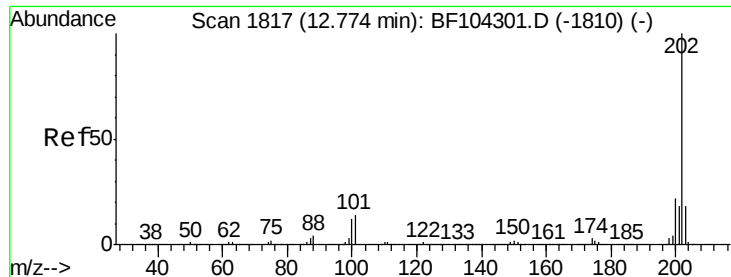


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.231 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

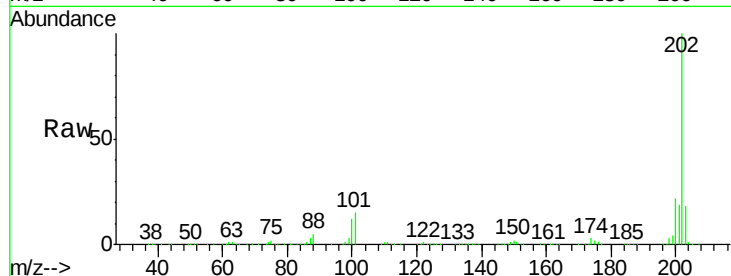
Tot Ion:202 Resp: 1214325

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

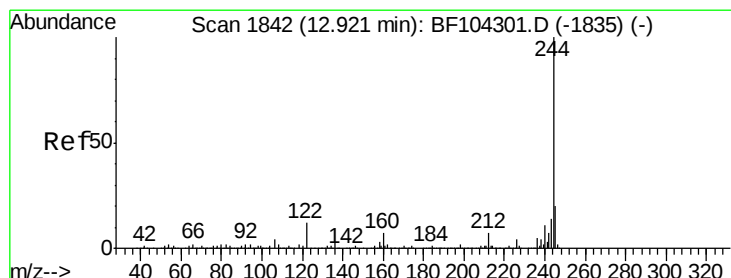
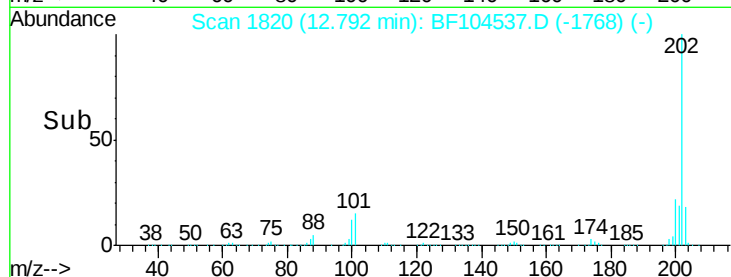
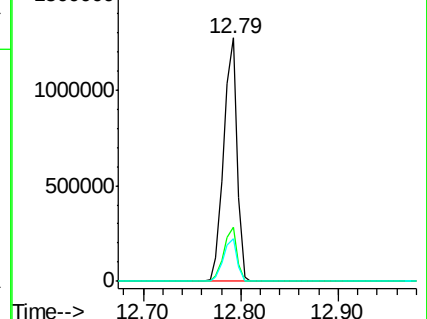
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.155 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

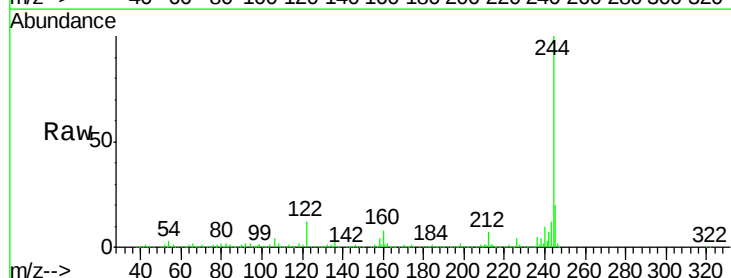
Tgt Ion:244 Resp: 1394904

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

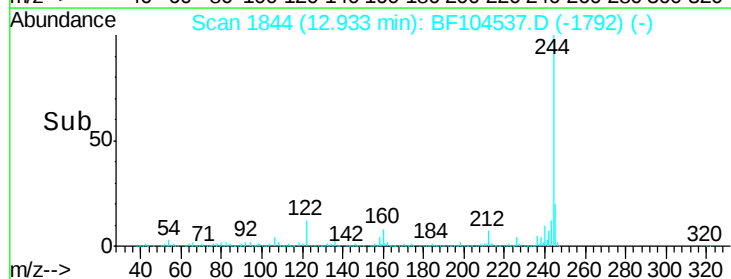
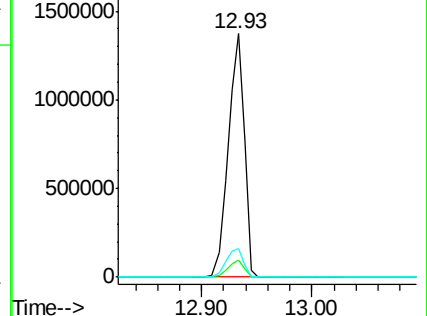
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

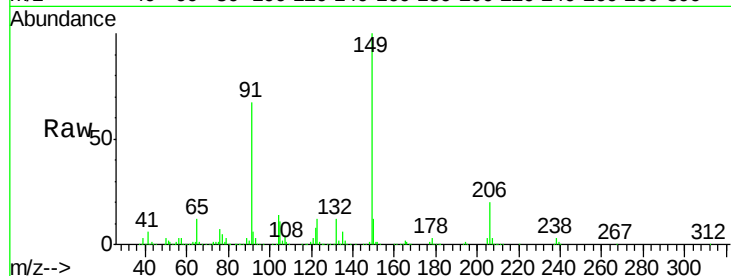




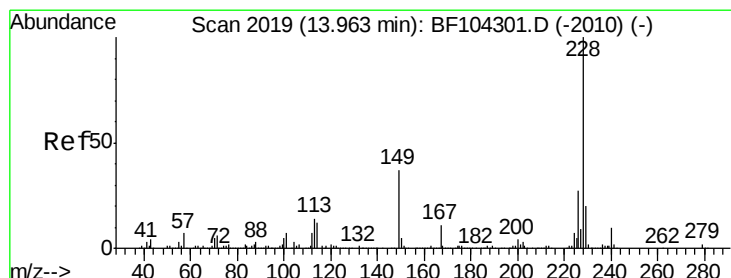
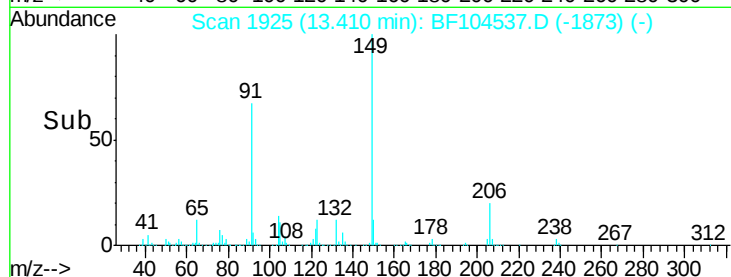
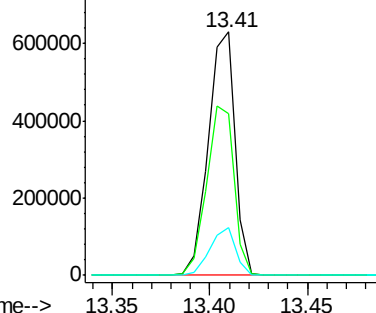
#79
Butylbenzylphthalate
Concen: 41.016 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.8	85.2
206	19.5	14.1	21.1

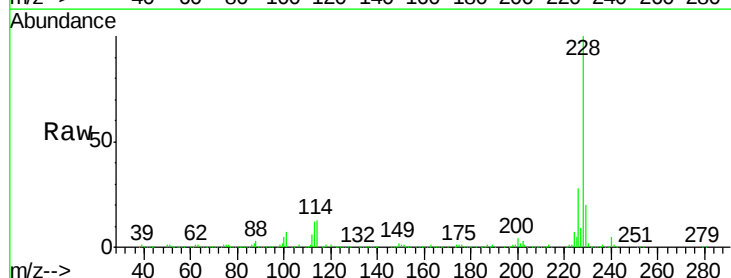


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

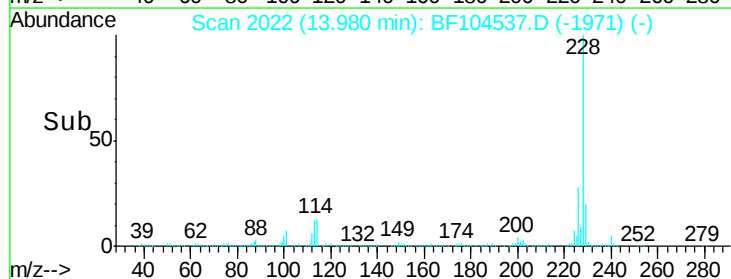
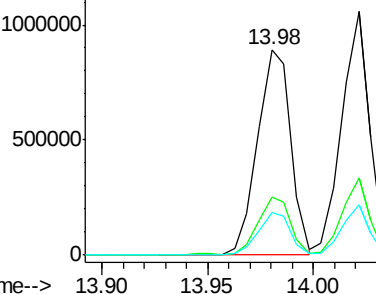


#80
Benzo(a)anthracene
Concen: 39.291 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.5	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: 38.972 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

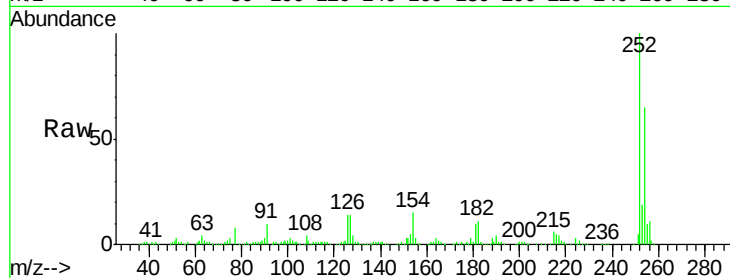
Tot Ion:252 Resp: 362500

Ion Ratio Lower Upper

252 100

254 65.1 50.4 75.6

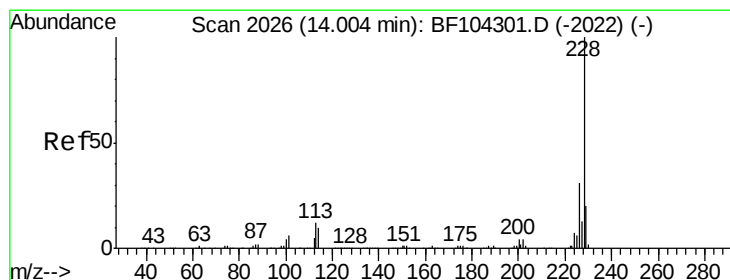
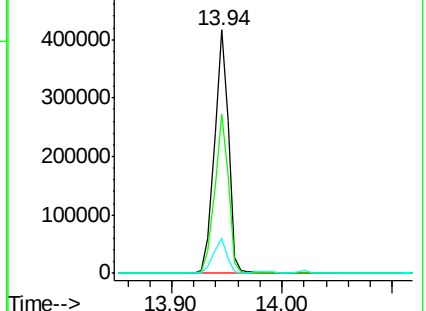
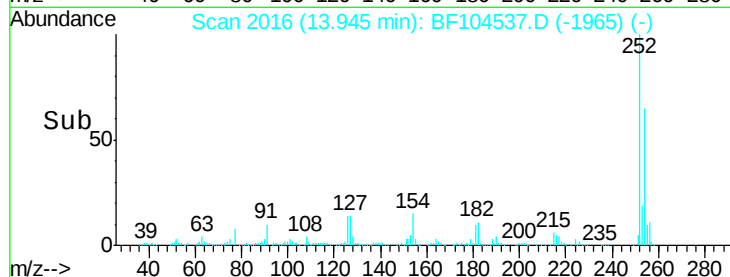
126 14.2 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.494 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

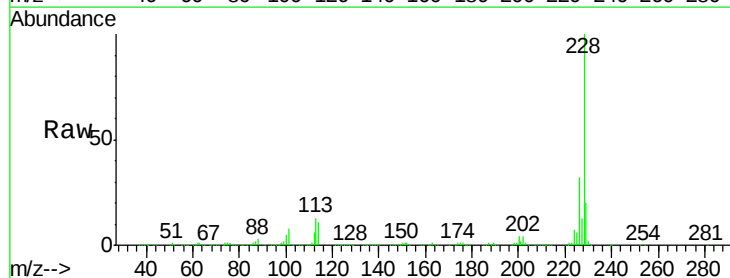
Tgt Ion:228 Resp: 960778

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

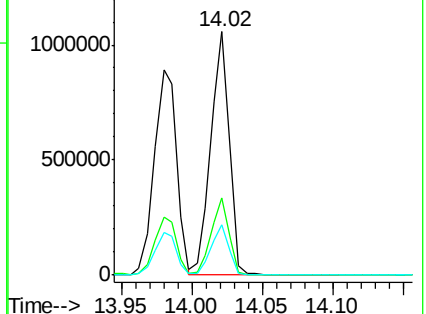
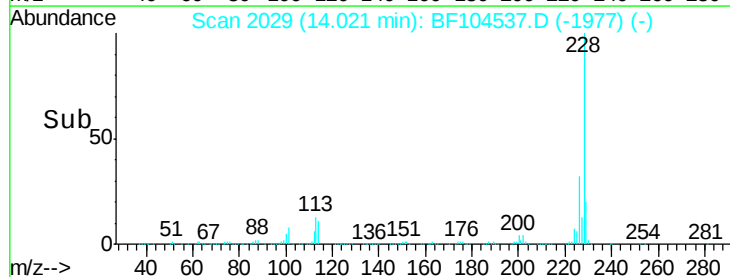
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.629 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

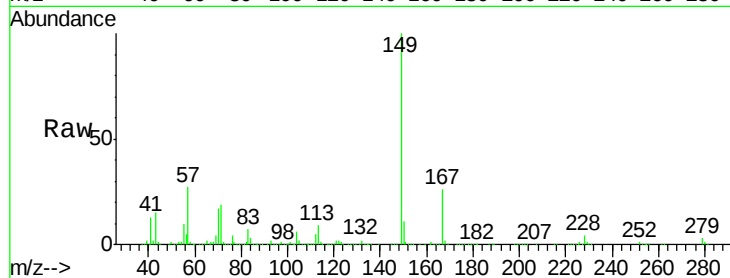
Tot Ion:149 Resp: 799583

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

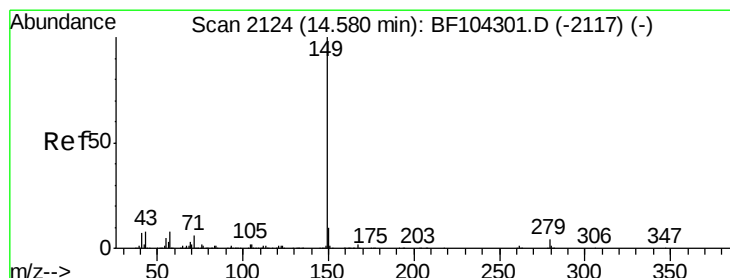
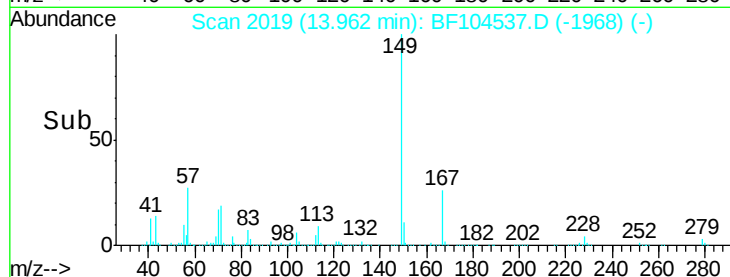
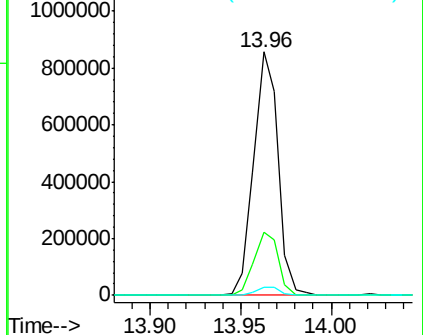
279 3.3 3.0 4.4



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: 38.267 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

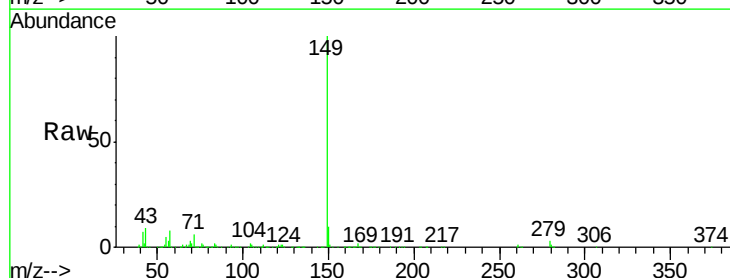
Tgt Ion:149 Resp: 1199309

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

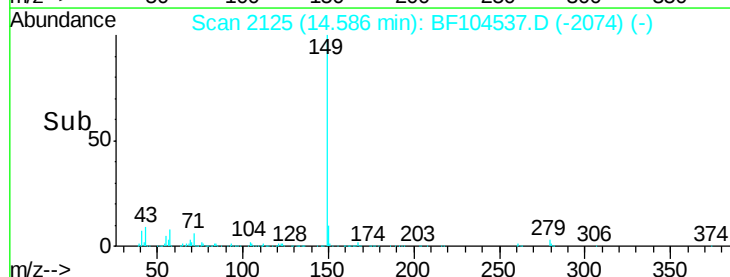
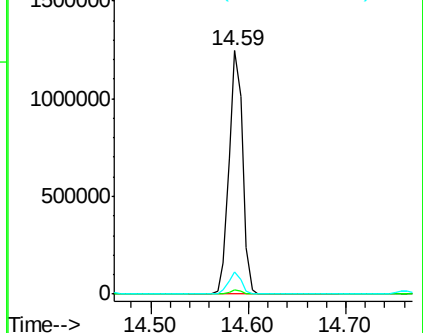
43 8.6 8.4 12.6

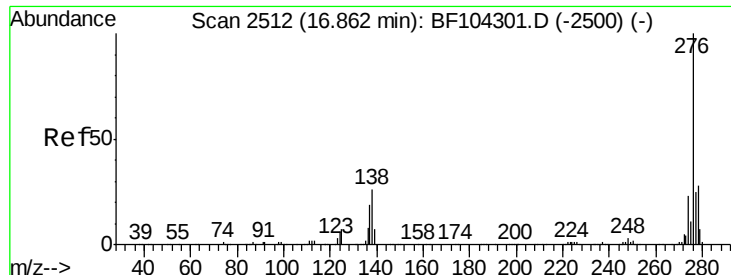


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

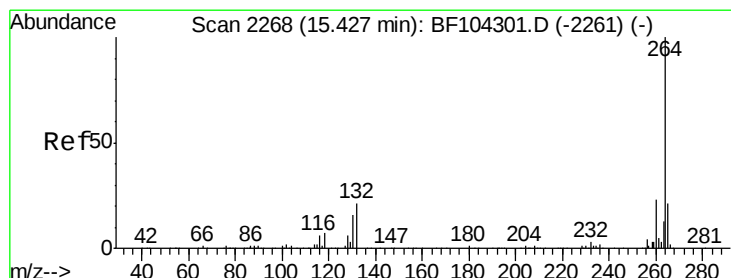
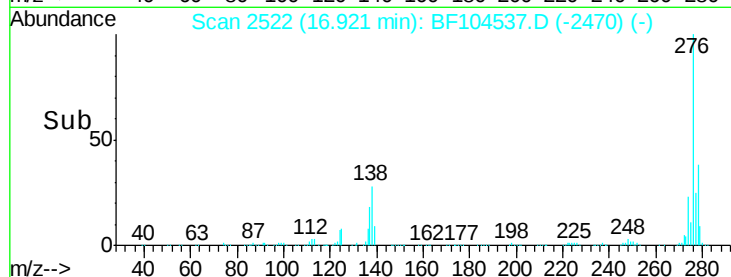
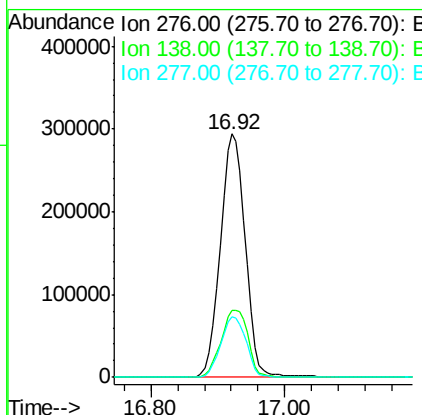
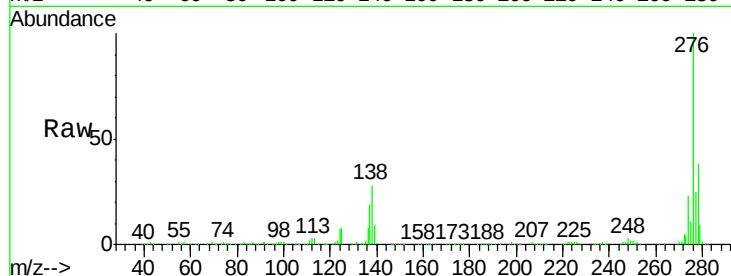




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.696 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

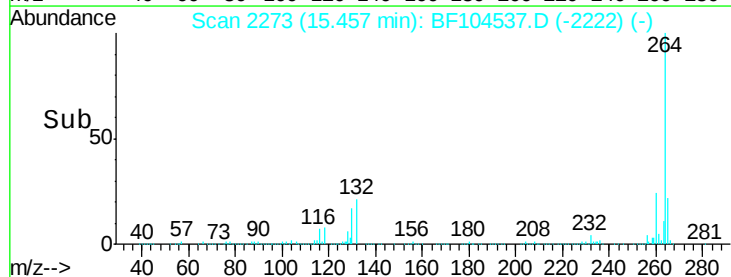
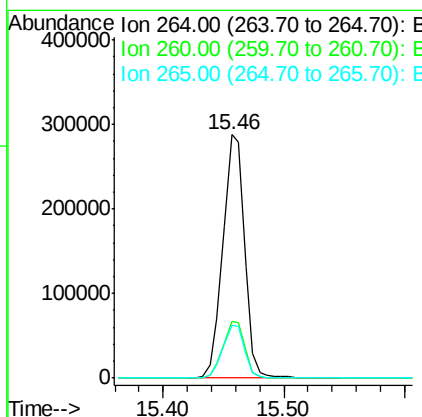
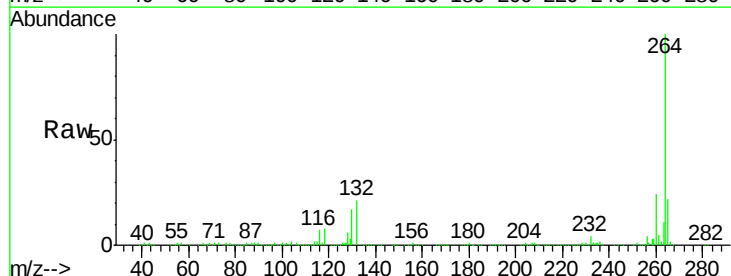
Instrument :
 BNA_F
 ClientSampleId :

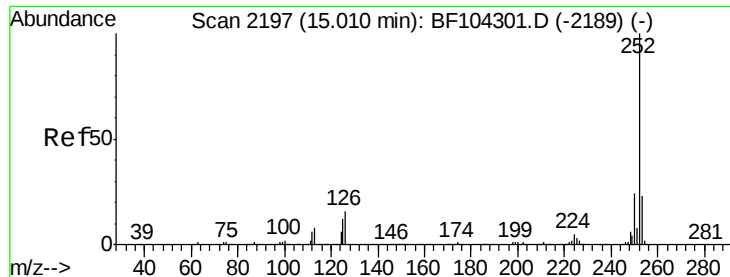
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104537.D
 Acq: 16 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3

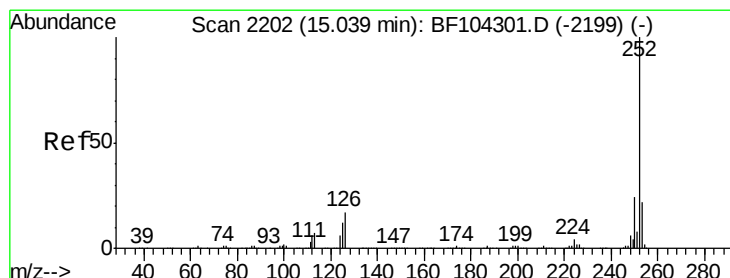
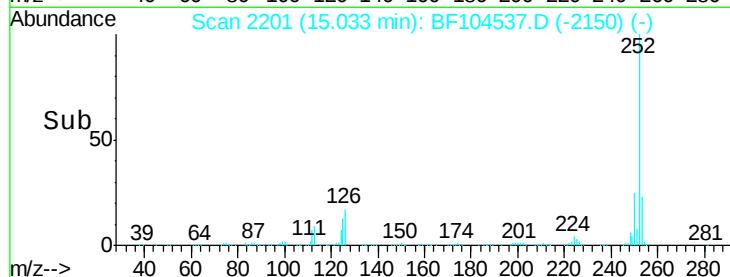
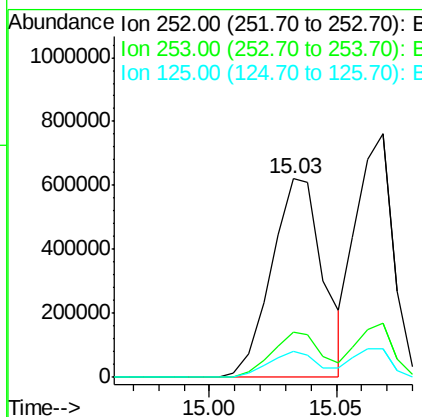
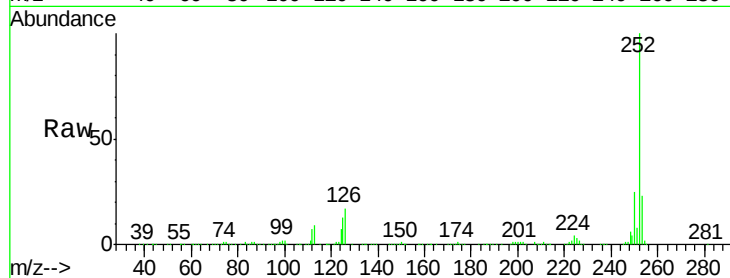




#87
Benzo(b)fluoranthene
Concen: 39.203 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

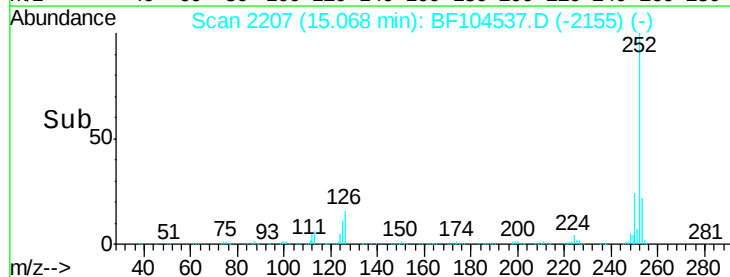
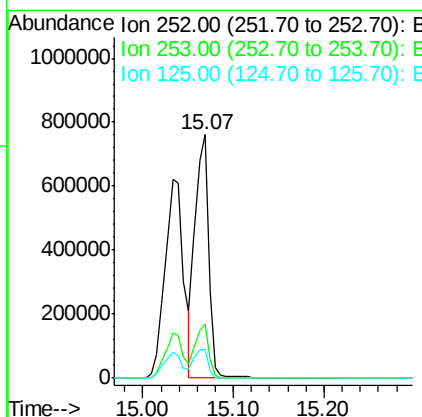
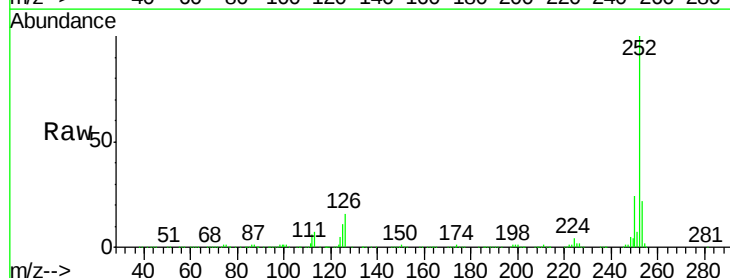
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 886858
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.883 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF104537.D
Acq: 16 Apr 2018 17:14

Tgt Ion:252 Resp: 787734
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.072 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

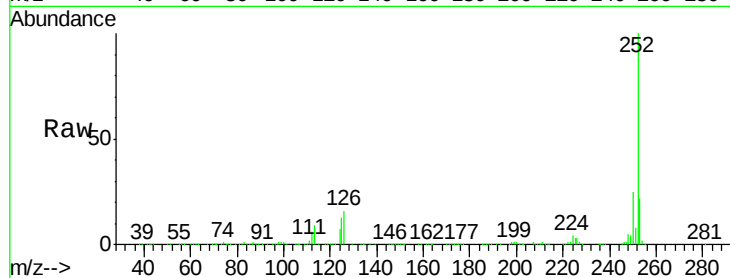
Tot Ion:252 Resp: 770629

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

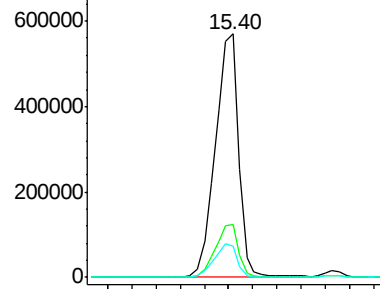
125 12.7 9.8 14.6



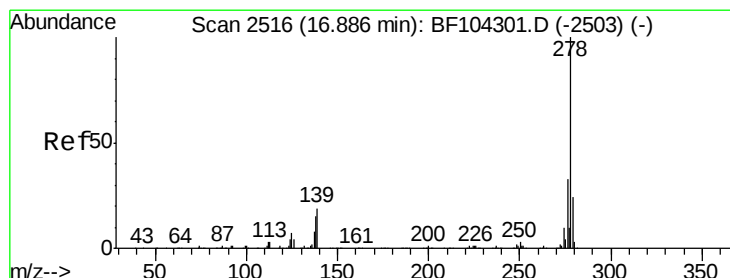
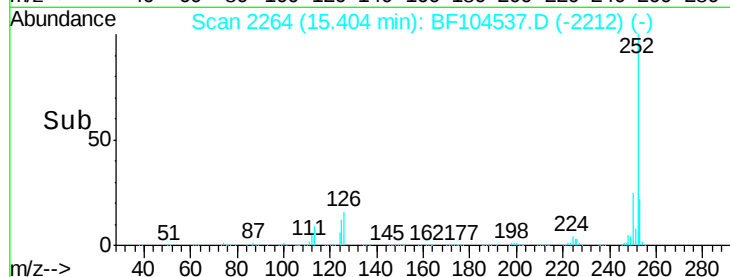
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 38.302 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

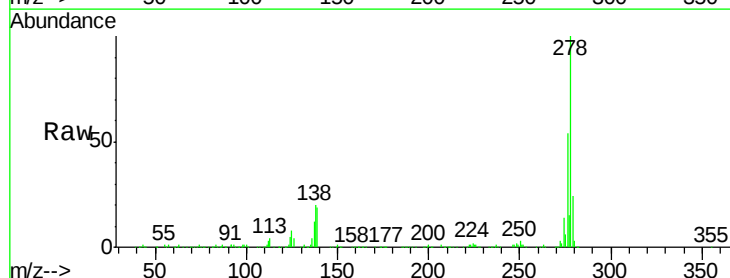
Tgt Ion:278 Resp: 636737

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

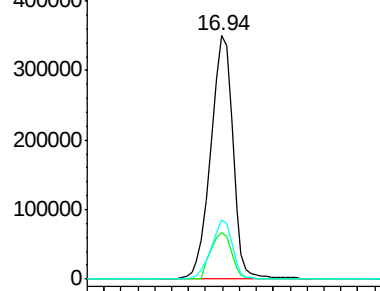
279 24.1 19.0 28.4



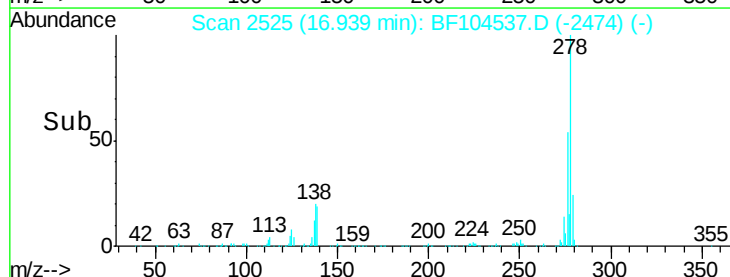
Abundance Ion 278.00 (277.70 to 278.70): E

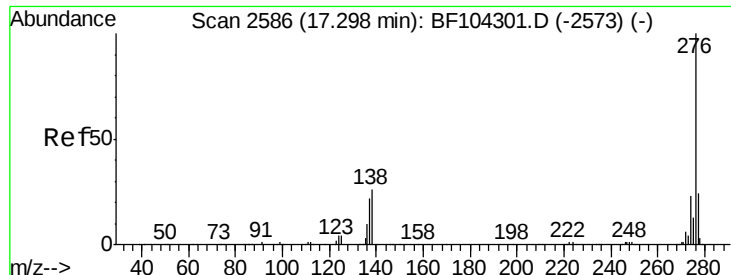
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 39.437 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF104537.D

Acq: 16 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

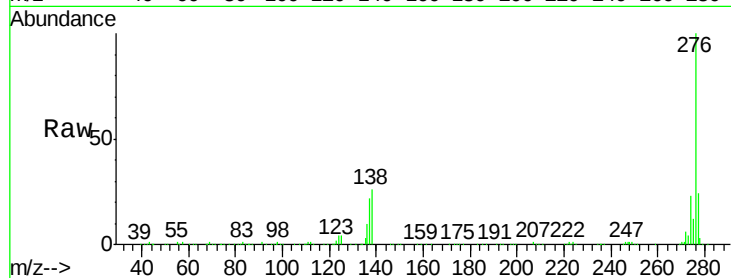
Tot Ion:276 Resp: 635179

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

