

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104538.D
 Acq On : 16 Apr 2018 17:47
 Operator : JU/SJ
 Sample : PB108254BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Quant Time: Apr 16 18:16:32 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	149643	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	623420	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	291847	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	531017	20.00	ng	0.00
75) Chrysene-d12	13.99	240	378858	20.00	ng	0.00
86) Perylene-d12	15.46	264	300188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1098158	112.21	ng	0.02
7) Phenol-d6	6.46	99	1466383	121.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	938922	98.34	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	381036	125.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1570374	85.00	ng	0.00
78) Terphenyl-d14	12.93	244	1560059	93.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	153299	33.617	ng	90
3) Pyridine	3.35	79	449215	35.037	ng	89
4) n-Nitrosodimethylamine	3.30	42	160838	35.887	ng	# 77
6) Aniline	6.47	93	492304	29.469	ng	# 59
8) 2-Chlorophenol	6.60	128	443196	42.906	ng	93
9) Benzaldehyde	6.36	77	135580	18.478	ng	99
10) Phenol	6.47	94	522243	40.933	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	437613	42.982	ng	96
12) 1,3-Dichlorobenzene	6.75	146	474635	40.560	ng	98
13) 1,4-Dichlorobenzene	6.83	146	474291	40.659	ng	99
14) 1,2-Dichlorobenzene	6.98	146	435900	40.324	ng	99
15) Benzyl Alcohol	6.96	79	364556	39.916	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	571306	41.783	ng	90
17) 2-Methylphenol	7.07	107	365528	40.709	ng	95
18) Hexachloroethane	7.32	117	176182	42.361	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	294811	37.519	ng	94
20) 3+4-Methylphenols	7.23	107	418925	37.619	ng	# 75
22) Acetophenone	7.22	105	583484	38.016	ng	96
24) Nitrobenzene	7.40	77	470447	44.631	ng	98
25) Isophorone	7.63	82	770091	38.144	ng	98
26) 2-Nitrophenol	7.71	139	256901	59.867	ng	97
27) 2,4-Dimethylphenol	7.75	122	353376	39.660	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	524505	42.491	ng	100
29) 2,4-Dichlorophenol	7.96	162	365654	43.010	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	378950	40.616	ng	99
31) Naphthalene	8.12	128	1180598	38.031	ng	99
32) Benzoic acid	7.89	122	326401	45.912	ng	96
33) 4-Chloroaniline	8.17	127	308392	23.189	ng	96
34) Hexachlorobutadiene	8.23	225	208061	40.713	ng	100
35) Caprolactam	8.55	113	92809	31.293	ng	89
36) 4-Chloro-3-methylphenol	8.66	107	401506	44.045	ng	99
37) 2-Methylnaphthalene	8.81	142	766461	38.170	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	335667	40.179	ng	99
40) Hexachlorocyclopentadiene	8.96	237	374720	80.119	ng	99

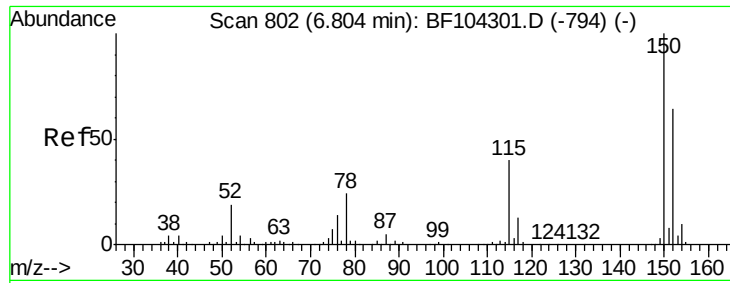
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104538.D
 Acq On : 16 Apr 2018 17:47
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	259233	44.700	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	264253	40.718	nq	97
45) 1,1'-Biphenyl	9.27	154	962640	39.264	nq	100
46) 2-Chloronaphthalene	9.30	162	787708	40.676	nq	100
47) 2-Nitroaniline	9.40	65	250782	52.365	nq	98
48) Acenaphthylene	9.72	152	1159056	38.147	nq	99
49) Dimethylphthalate	9.58	163	918693	39.918	nq	100
50) 2,6-Dinitrotoluene	9.64	165	211973	49.776	nq	98
51) Acenaphthene	9.89	154	668261	36.048	nq	100
52) 3-Nitroaniline	9.81	138	176154	35.333	nq	99
53) 2,4-Dinitrophenol	9.92	184	185799	96.183	nq	# 20
54) Dibenzofuran	10.06	168	1030495	39.888	nq	99
55) 4-Nitrophenol	9.99	139	349524	89.249	nq	95
56) 2,4-Dinitrotoluene	10.05	165	277479	49.674	nq	# 98
57) Fluorene	10.40	166	741891	39.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212346	43.858	nq	95
59) Diethylphthalate	10.28	149	889889	38.825	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	368686	44.024	nq	100
61) 4-Nitroaniline	10.43	138	235272	48.264	nq	96
62) Azobenzene	10.56	77	882492	40.300	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	148715	56.049	nq	83
65) n-Nitrosodiphenylamine	10.52	169	743317	40.372	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	239808	42.457	nq	93
67) Hexachlorobenzene	10.95	284	264777	41.661	nq	92
68) Atrazine	11.04	200	244784	44.046	nq	99
69) Pentachlorophenol	11.15	266	280804	71.417	nq	97
70) Phenanthrene	11.37	178	1113169	37.643	nq	99
71) Anthracene	11.42	178	1121287	37.301	nq	100
72) Carbazole	11.58	167	1156343	39.366	nq	99
73) Di-n-butylphthalate	11.90	149	1393500	38.835	nq	100
74) Fluoranthene	12.56	202	1144315	37.036	nq	100
76) Benzidine	12.68	184	431383	31.523	nq	98
77) Pyrene	12.79	202	1181040	42.056	nq	99
79) Butylbenzylphthalate	13.40	149	577156	43.625	nq	98
80) Benzo(a)anthracene	13.98	228	930281	41.102	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	261976	31.044	nq	98
82) Chrysene	14.02	228	911769	39.219	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	747298	43.915	nq	99
84) Di-n-octyl phthalate	14.59	149	1138746	40.049	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	772825	39.133	nq	99
87) Benzo(b)fluoranthene	15.03	252	750742	39.597	nq	98
88) Benzo(k)fluoranthene	15.06	252	729651	40.764	nq	99
89) Benzo(a)pyrene	15.40	252	672912	39.667	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	637179	45.733	nq	98
91) Benzo(g,h,i)perylene	17.36	276	671112	49.719	nq	98

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

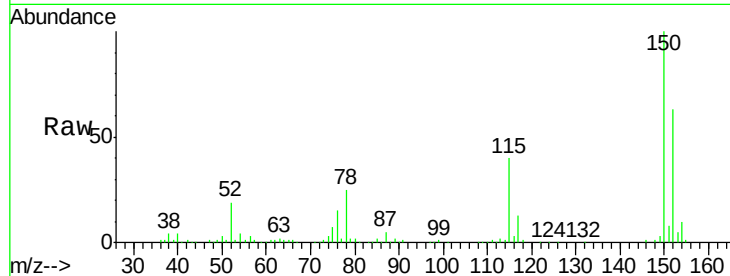


#1

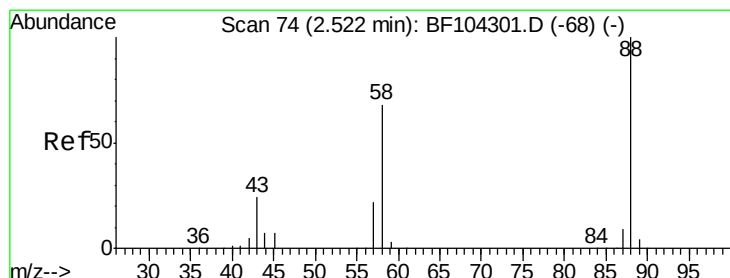
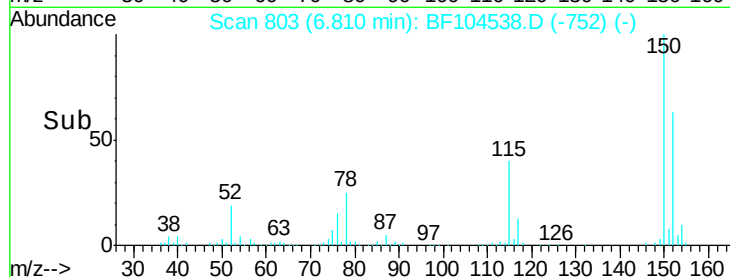
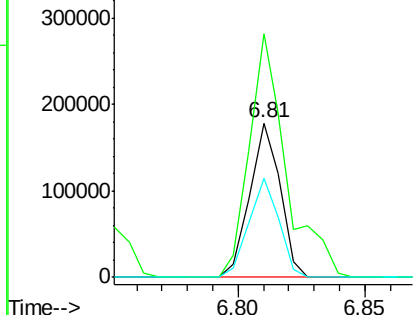
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:152 Resp: 149643
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 63.9 50.1 75.1



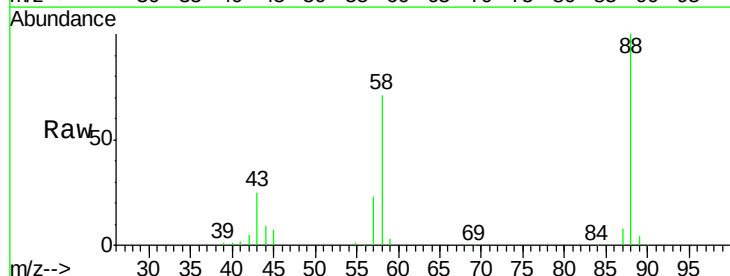
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



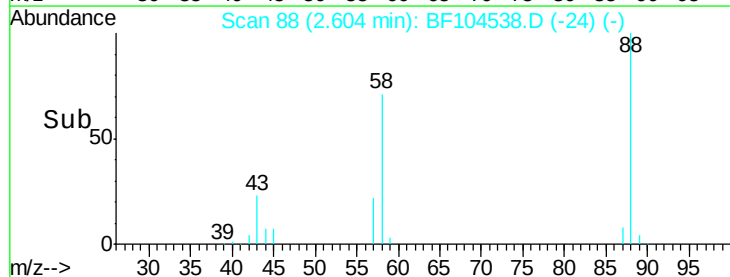
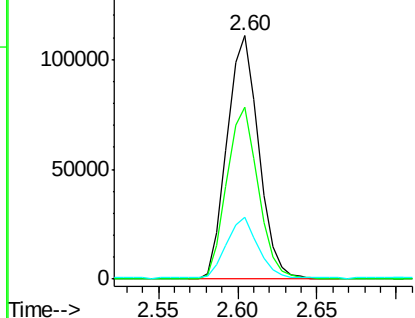
#2

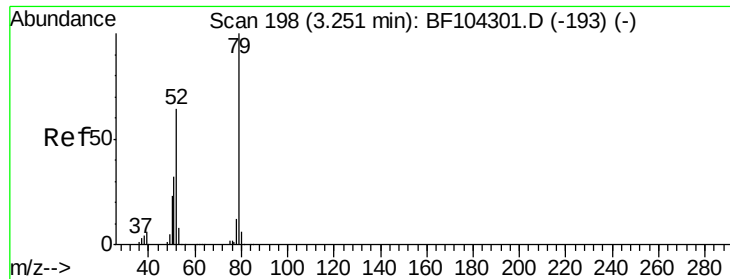
1,4-Dioxane
 Concen: 33.617 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion: 88 Resp: 153299
 Ion Ratio Lower Upper
 88 100
 58 70.1 62.6 93.8
 43 25.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.037 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

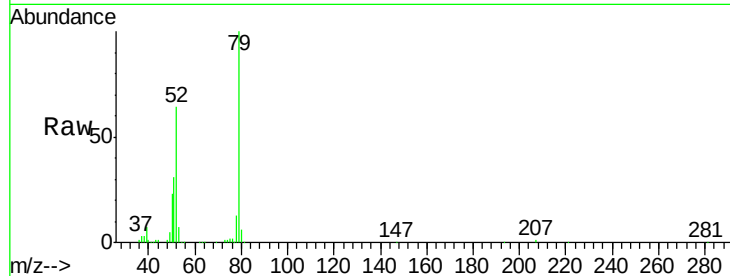
Tot Ion: 79 Resp: 449215

Ion Ratio Lower Upper

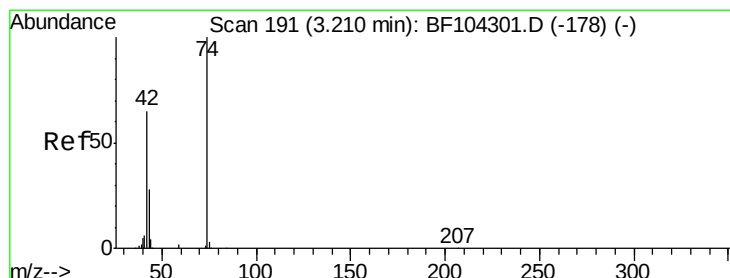
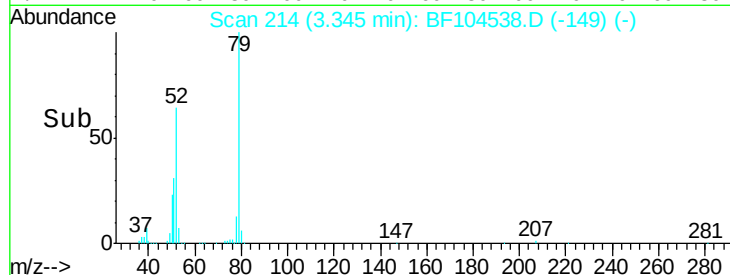
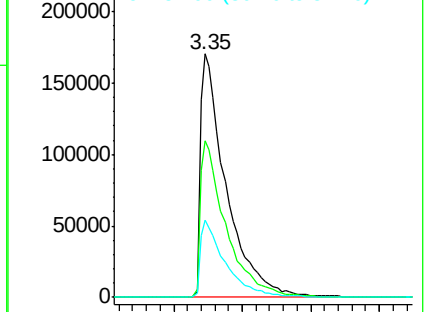
79 100

52 64.4 59.8 89.6

51 31.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.887 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.07 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

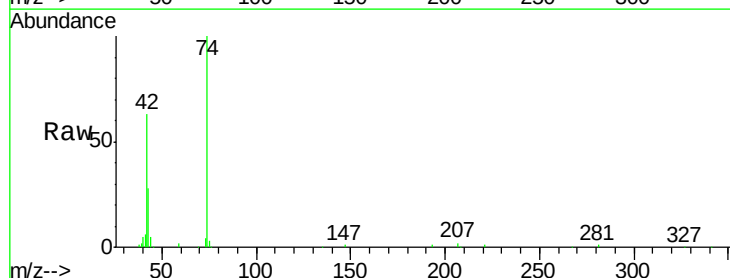
Tgt Ion: 42 Resp: 160838

Ion Ratio Lower Upper

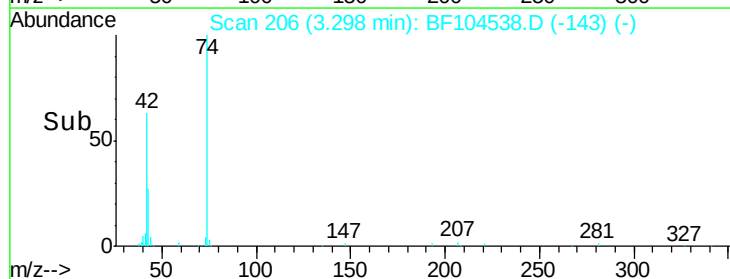
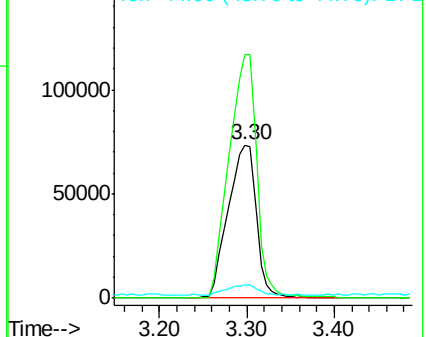
42 100

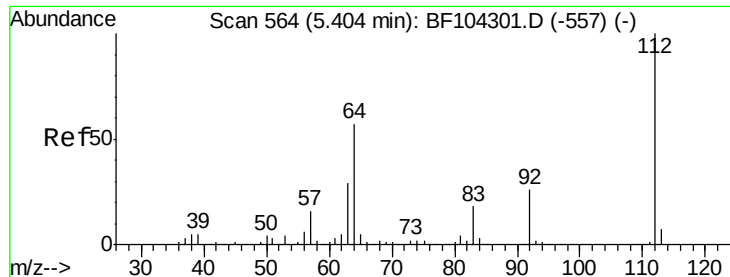
74 159.3 104.9 157.3#

44 8.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.210 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

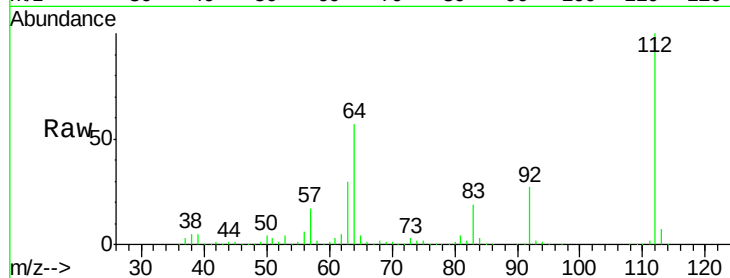
Tot Ion:112 Resp: 1098158

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

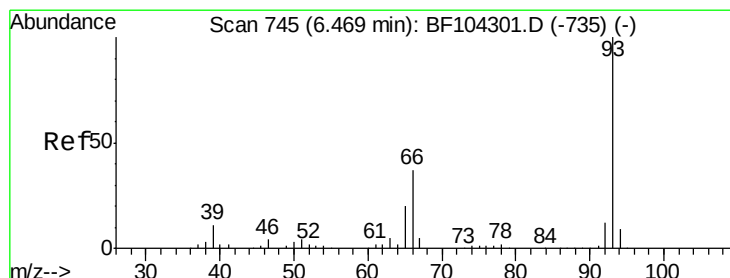
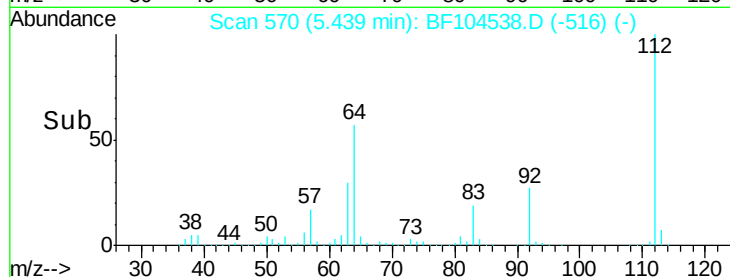
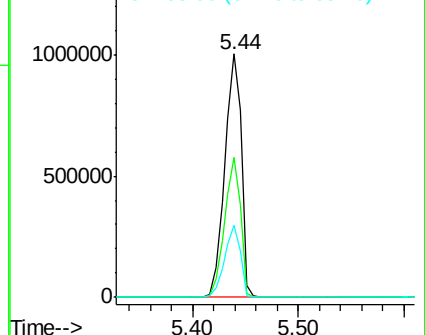
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.469 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

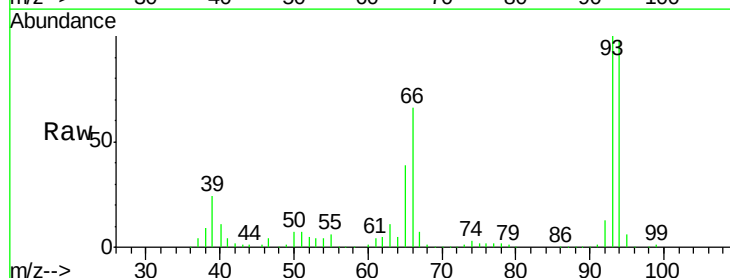
Tgt Ion: 93 Resp: 492304

Ion Ratio Lower Upper

93 100

66 66.0 32.2 48.2#

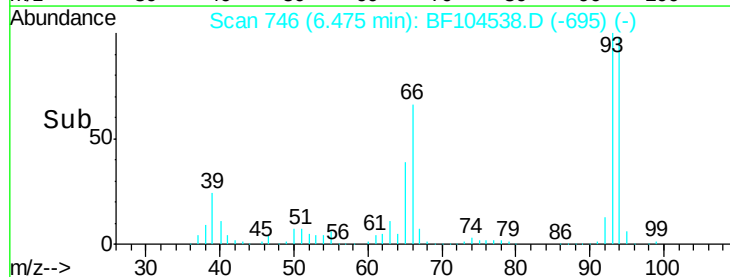
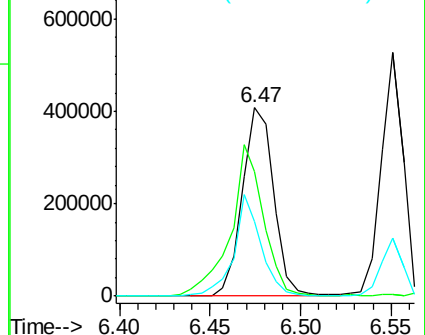
65 39.5 16.4 24.6#

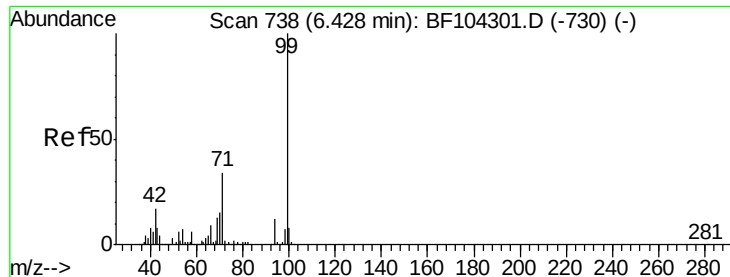


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.949 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

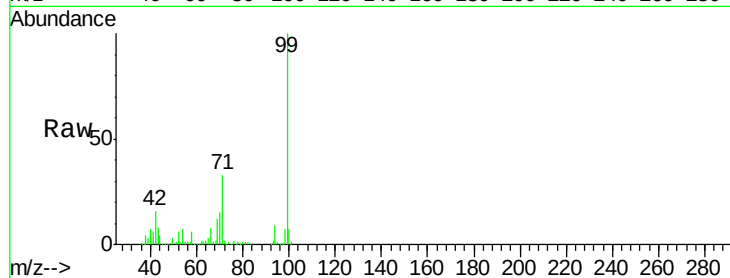
Tot Ion: 99 Resp: 1466383

Ion Ratio Lower Upper

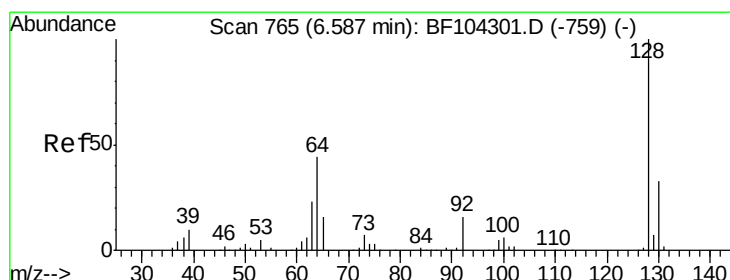
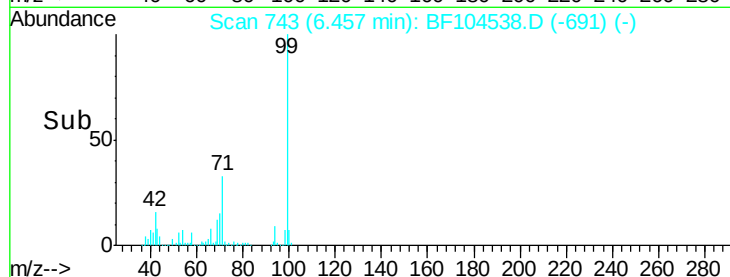
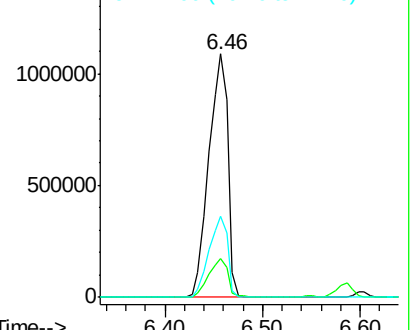
99 100

42 16.1 14.5 21.7

71 33.1 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: 42.906 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

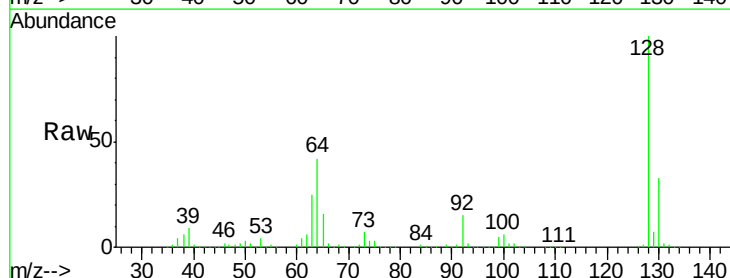
Tgt Ion: 128 Resp: 443196

Ion Ratio Lower Upper

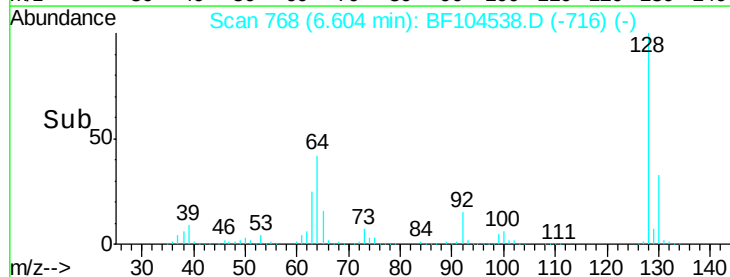
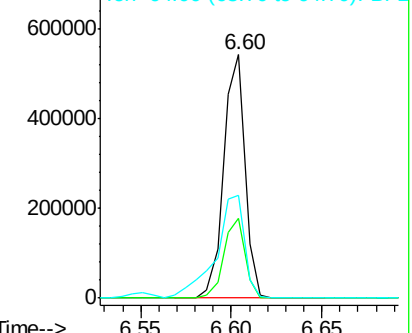
128 100

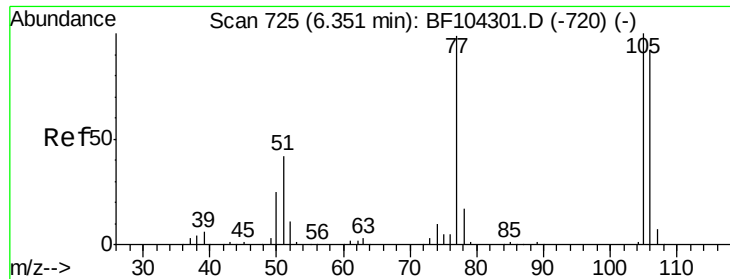
130 32.8 13.0 53.0

64 42.1 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: 18.478 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

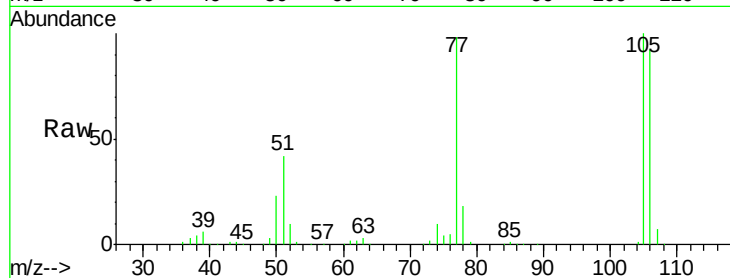
Tot Ion: 77 Resp: 135580

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

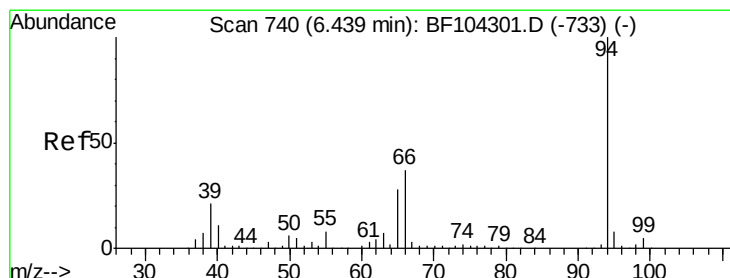
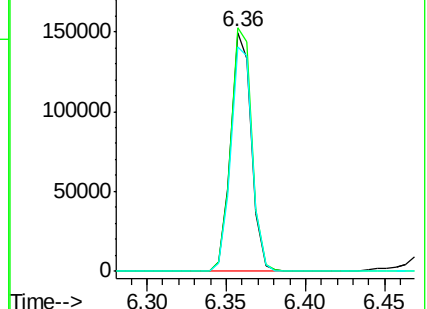
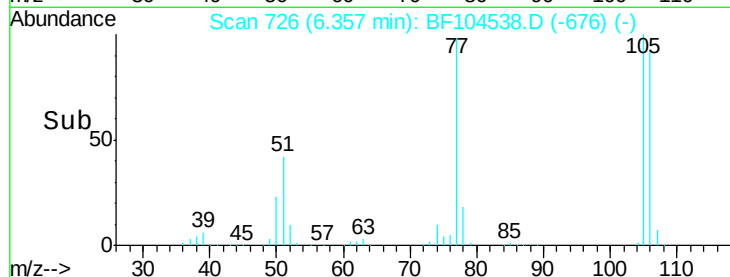
106 94.3 74.5 114.5



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: 40.933 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

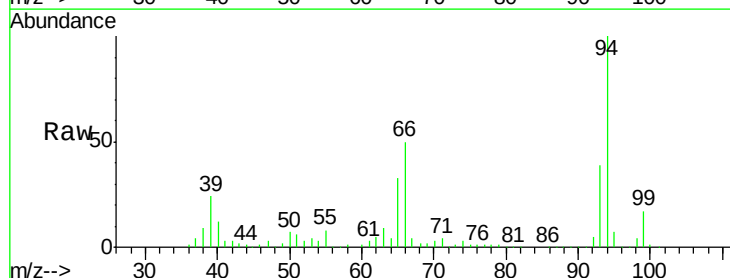
Tgt Ion: 94 Resp: 522243

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

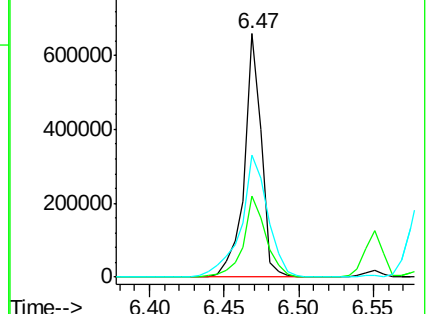
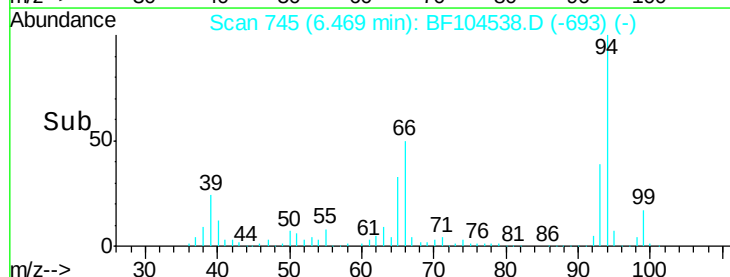
66 49.9 16.2 56.2

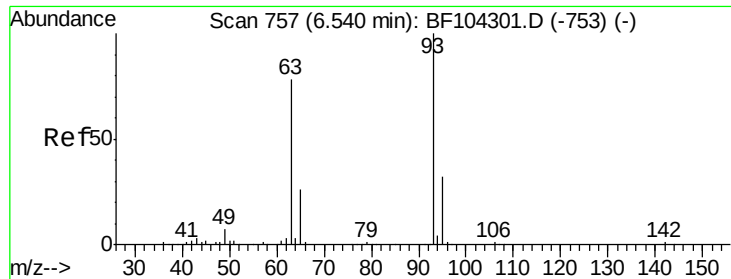


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.982 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

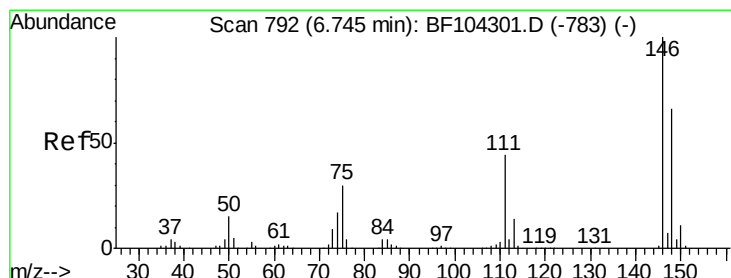
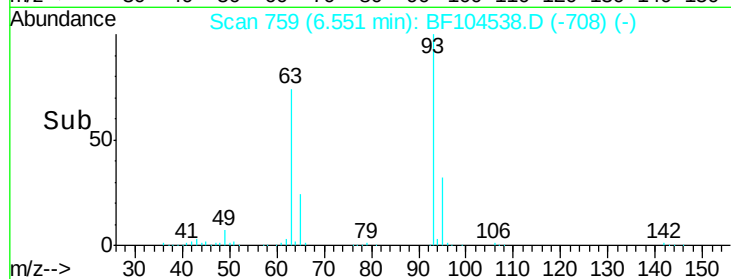
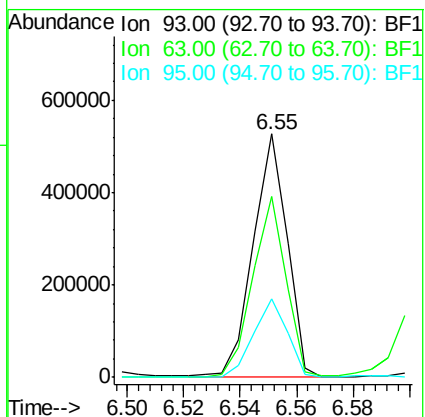
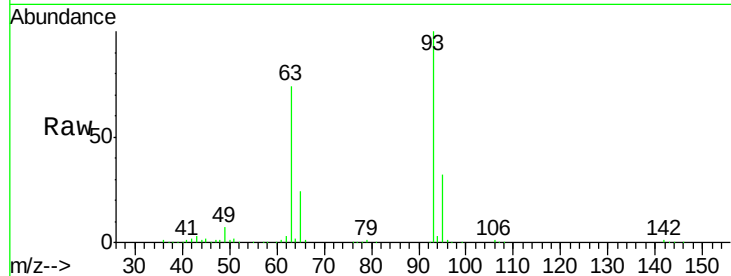
Tot Ion: 93 Resp: 437613

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.560 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

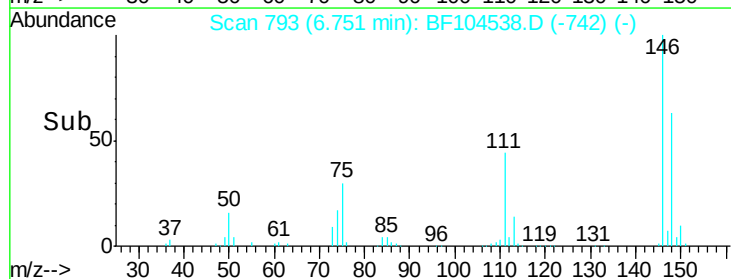
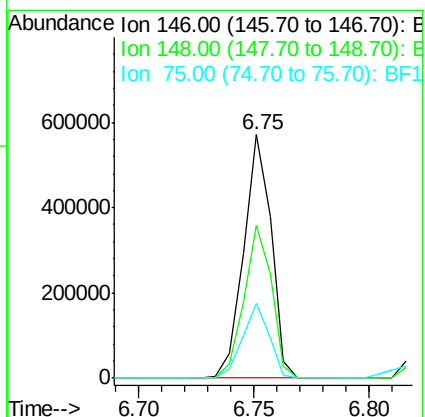
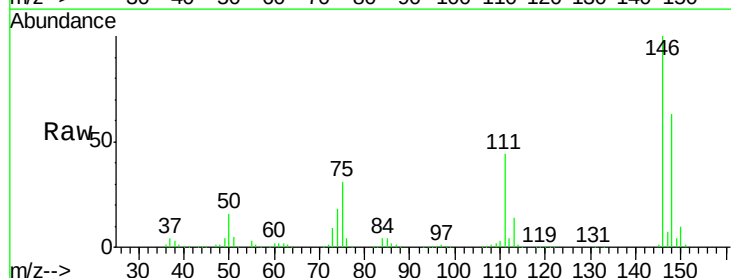
Tgt Ion: 146 Resp: 474635

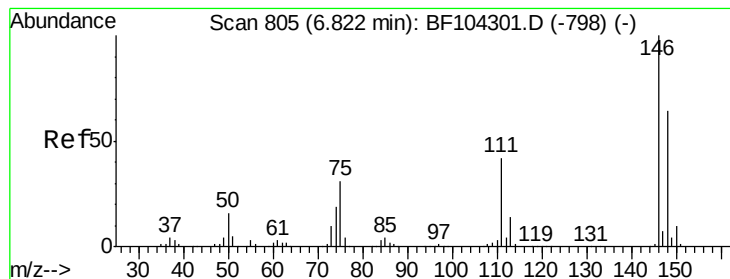
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.659 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

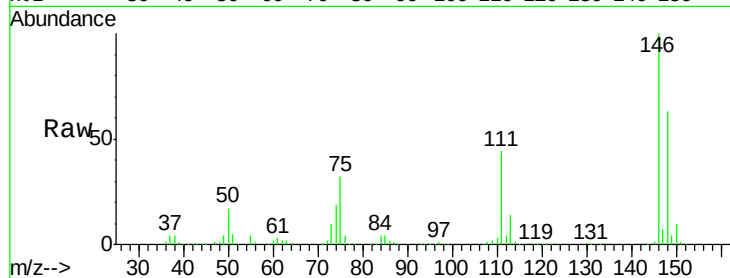
Tot Ion:146 Resp: 474291

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

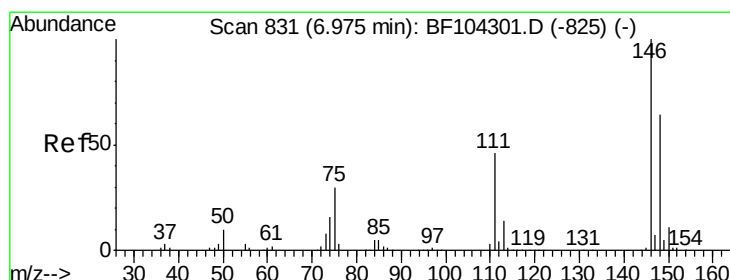
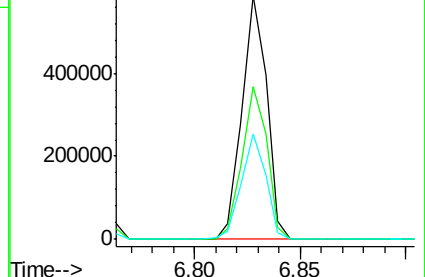
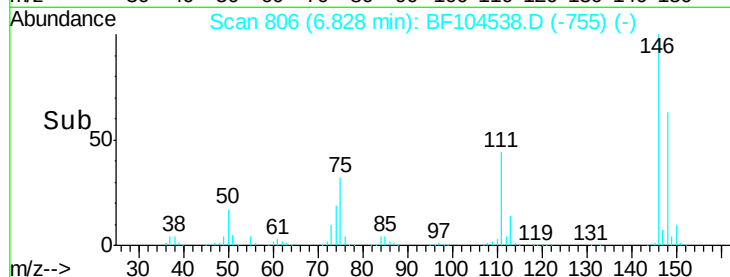
111 43.5 34.2 51.2



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: 40.324 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

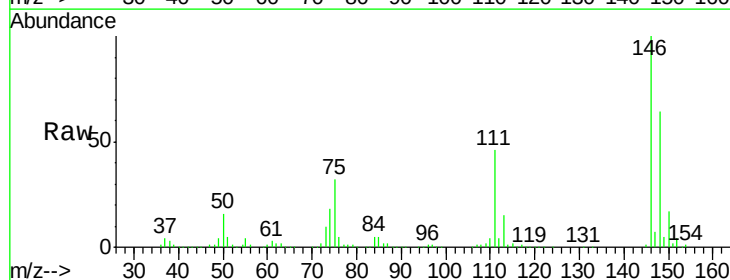
Tgt Ion:146 Resp: 435900

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

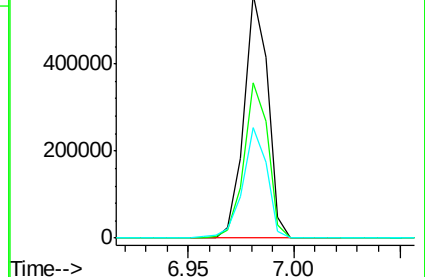
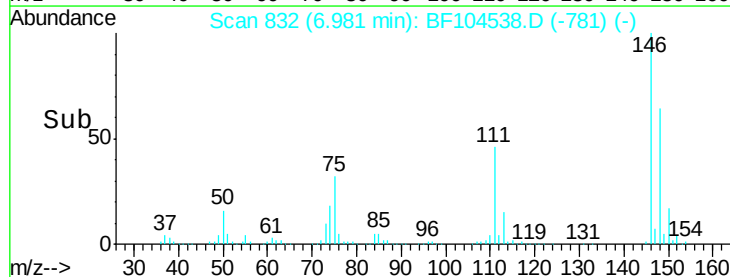
111 45.6 36.0 54.0

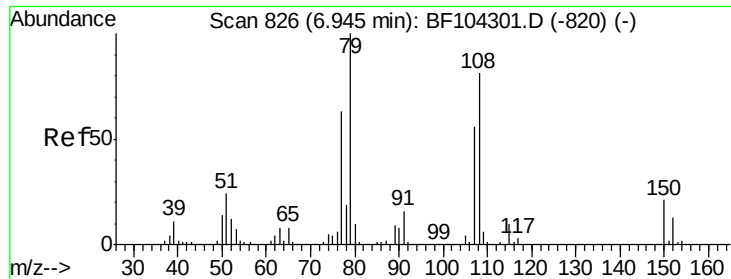


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

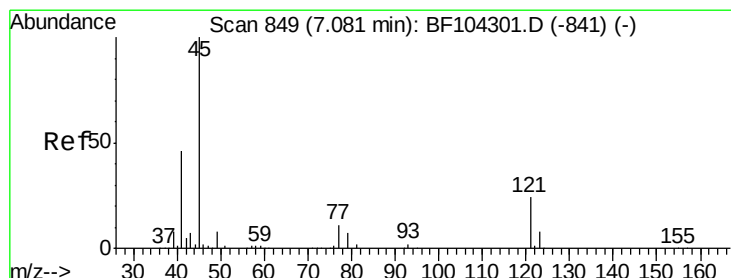
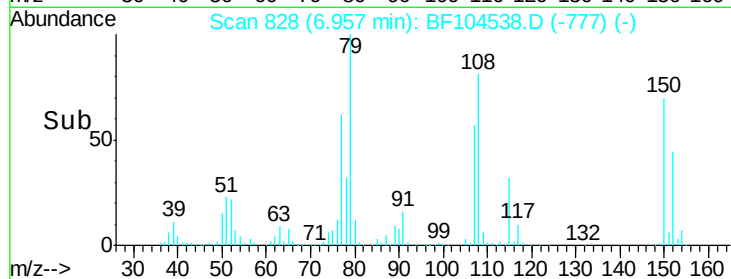
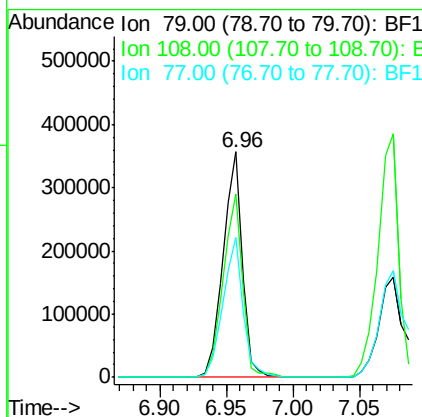
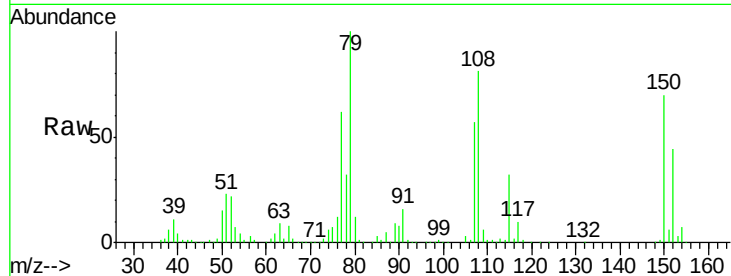




#15
Benzyl Alcohol
Concen: 39.916 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

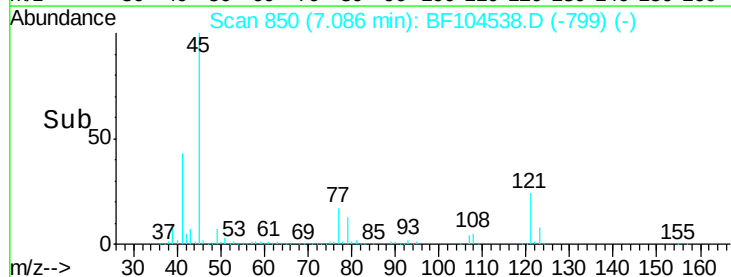
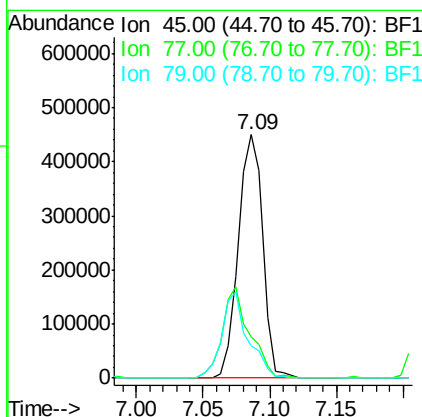
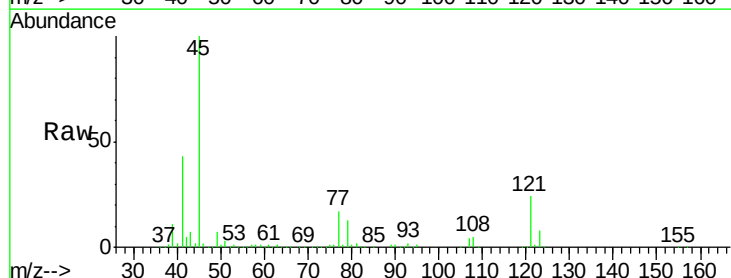
Instrument :
BNA_F
ClientSampleId :
PB108254BS

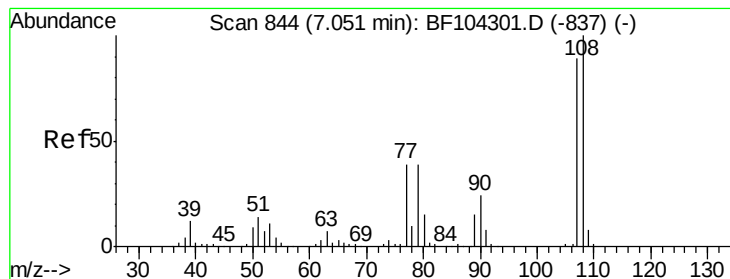
Tot Ion: 79 Resp: 364556
Ion Ratio Lower Upper
79 100
108 81.1 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.783 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion: 45 Resp: 571306
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.9
79 13.2 0.0 29.6

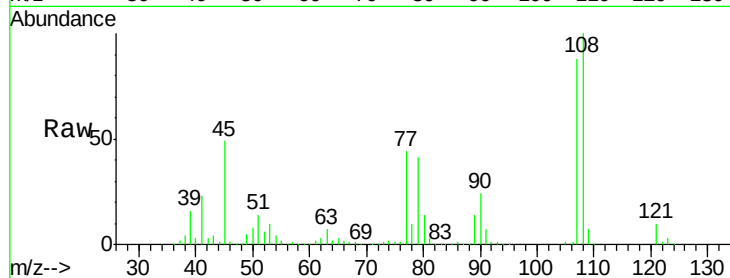




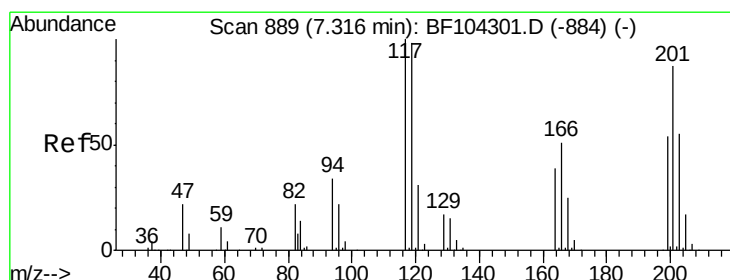
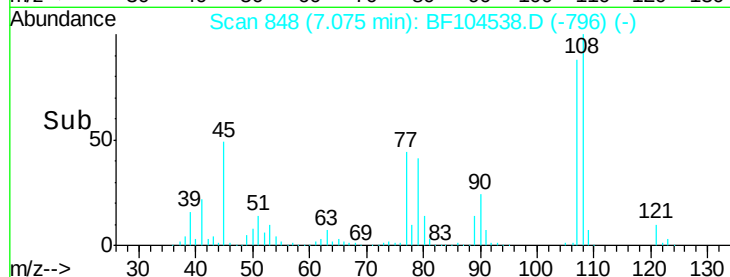
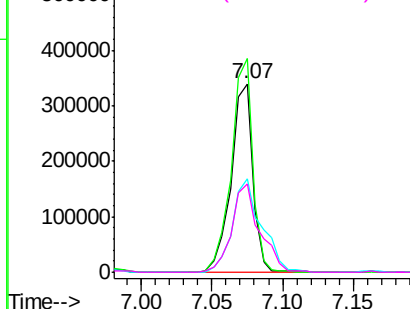
#17
2-Methylphenol
Concen: 40.709 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion:	107	Resp:	365528
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	49.9	33.8	50.8
79	46.7	33.8	50.8

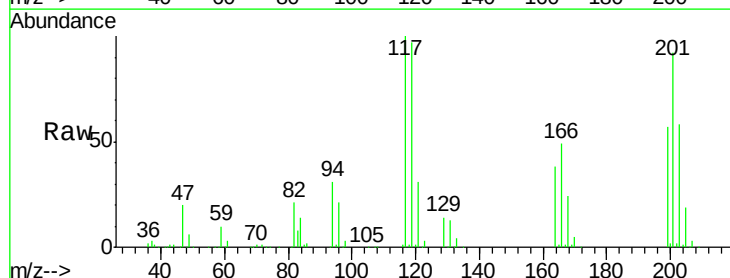


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

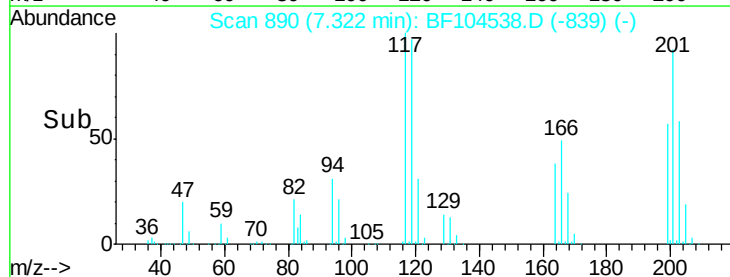
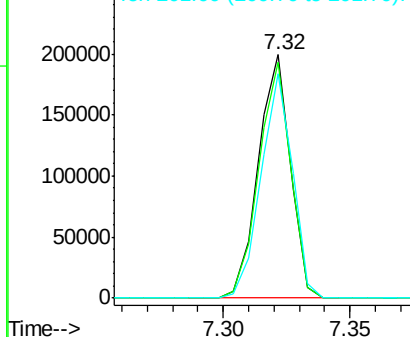


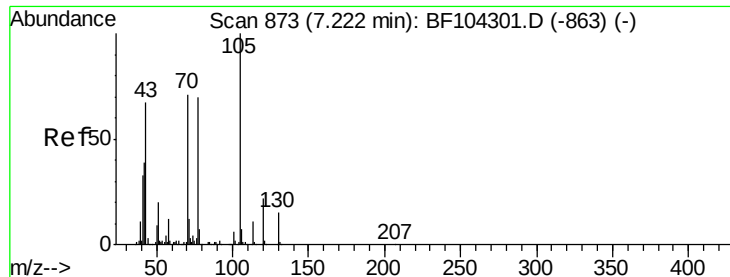
#18
Hexachloroethane
Concen: 42.361 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:	117	Resp:	176182
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	92.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

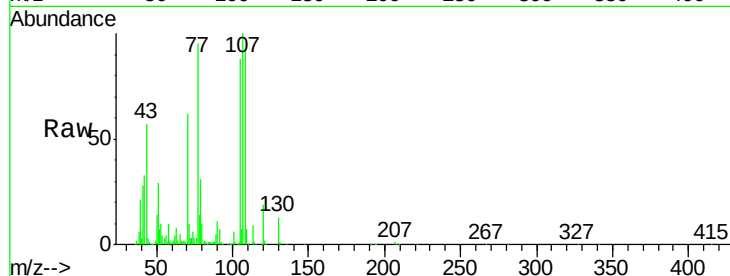




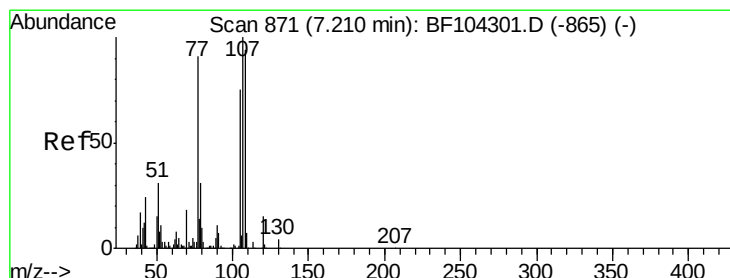
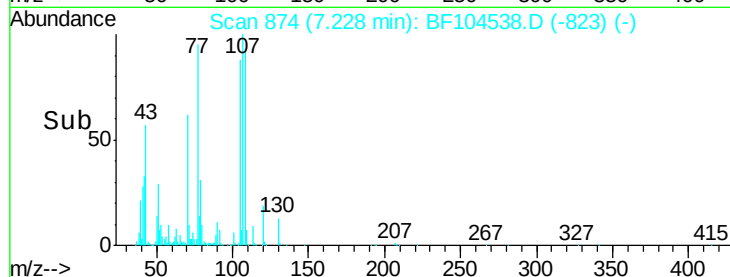
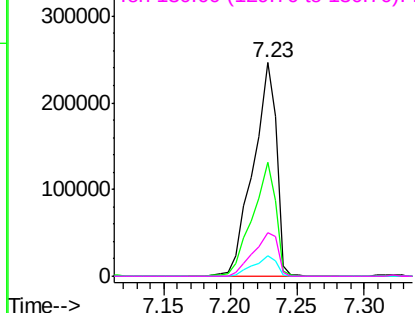
#19
n-Nitroso-di-n-propylamine
Concen: 37.519 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion: 70 Resp: 294811
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 9.5 7.4 11.2
130 20.4 16.6 25.0

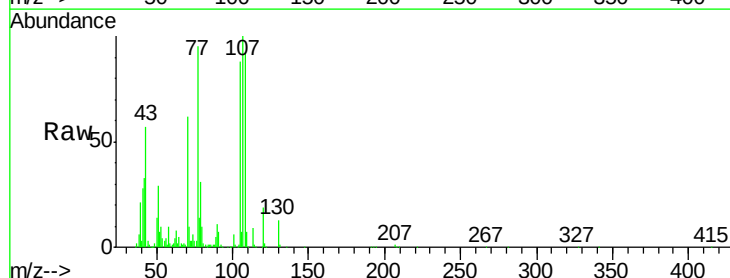


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

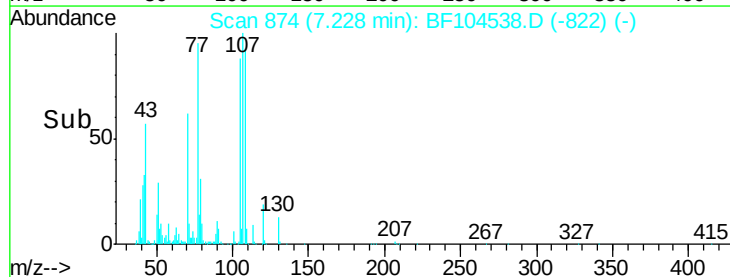
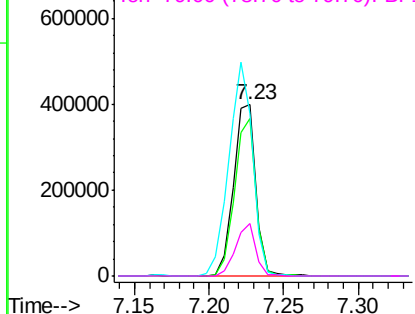


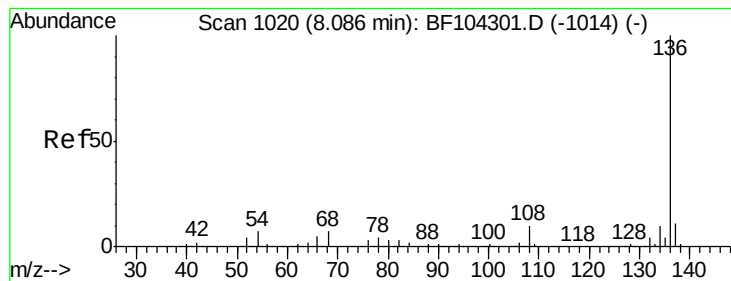
#20
3+4-Methylphenols
Concen: 37.619 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:107 Resp: 418925
Ion Ratio Lower Upper
107 100
108 92.2 68.2 108.2
77 95.0 26.7 66.7#
79 30.8 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

Tot Ion:136 Resp: 623420

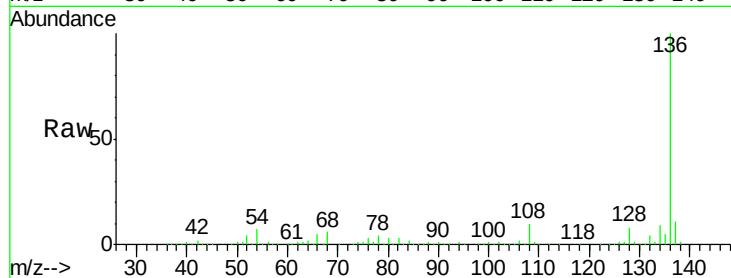
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

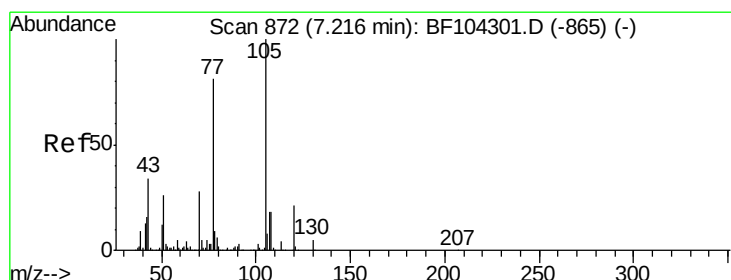
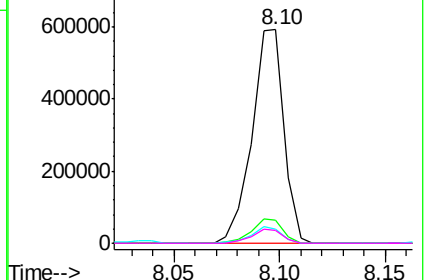
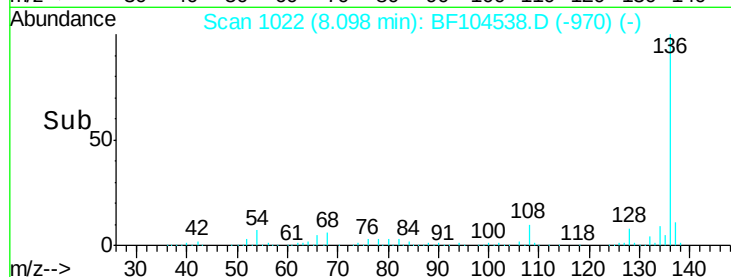


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.016 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:105 Resp: 583484

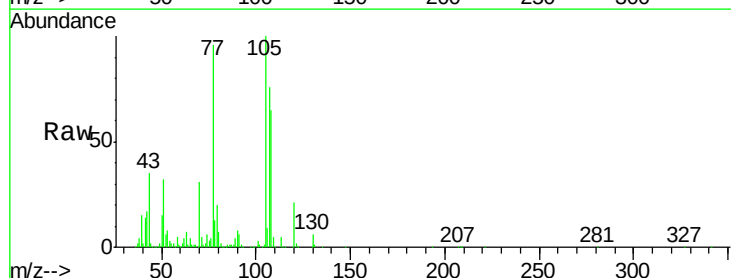
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 31.8 22.3 33.5

120 21.1 16.9 25.3

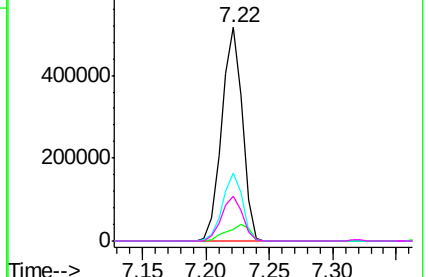
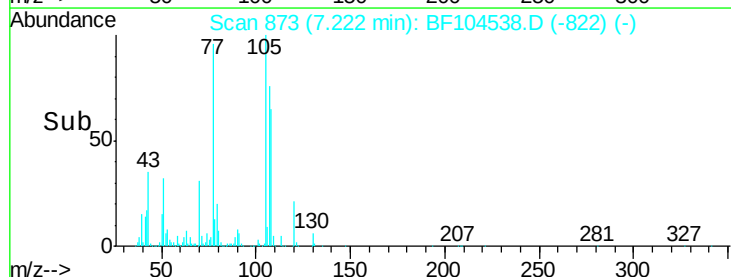


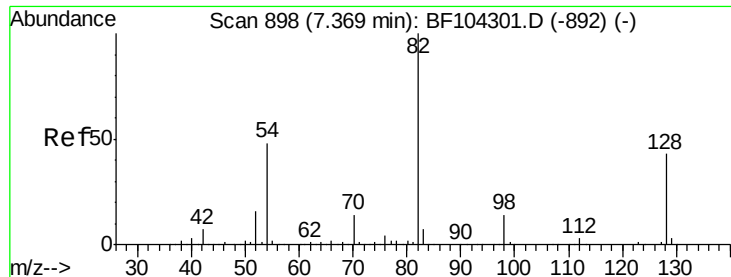
Abundance Ion 105.00 (104.70 to 105.70): E

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

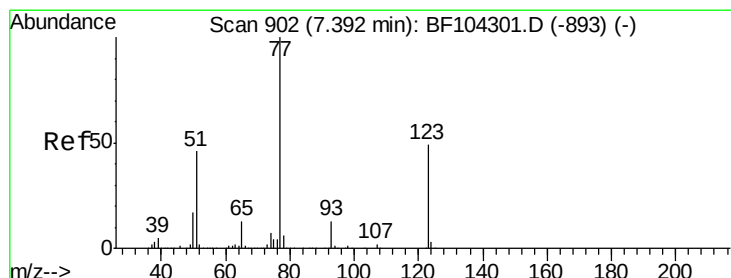
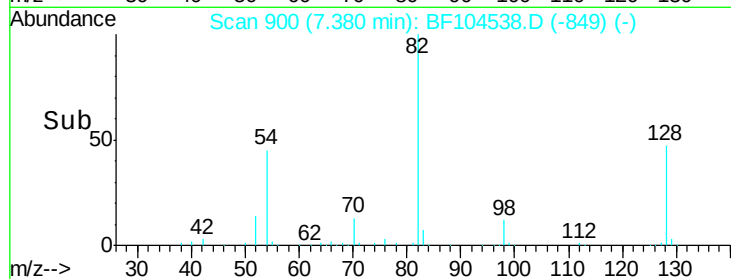
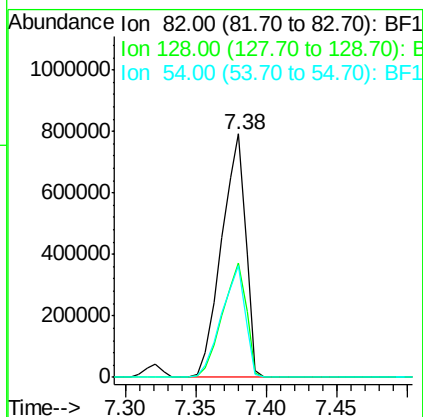
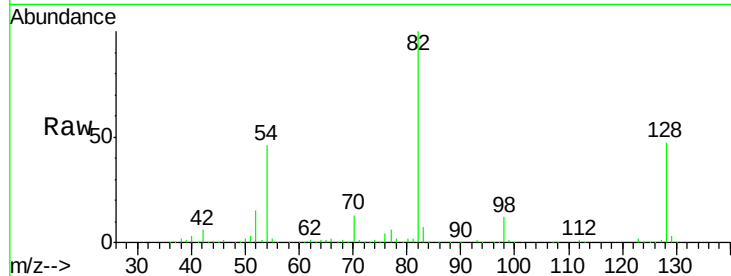




#23
 Nitrobenzene-d5
 Concen: 98.344 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

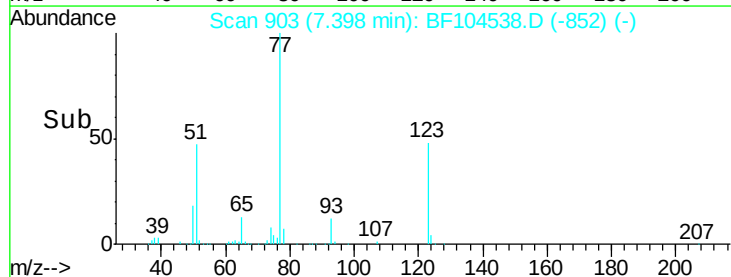
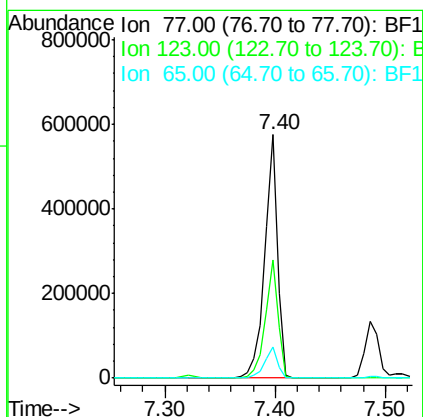
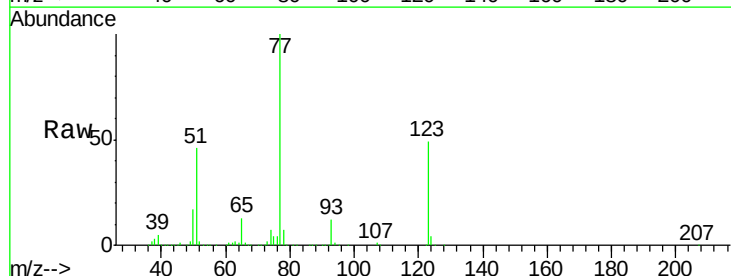
Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

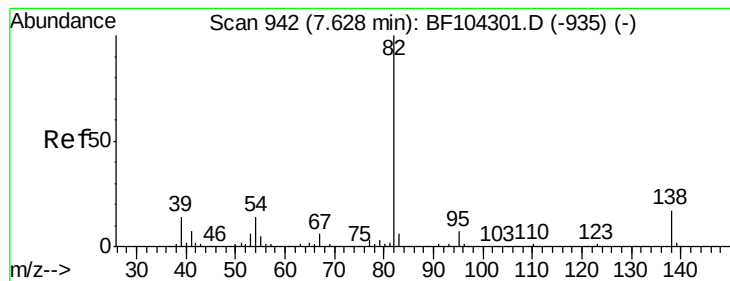
Tot Ion: 82 Resp: 938922
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 46.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 44.631 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion: 77 Resp: 470447
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 38.144 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

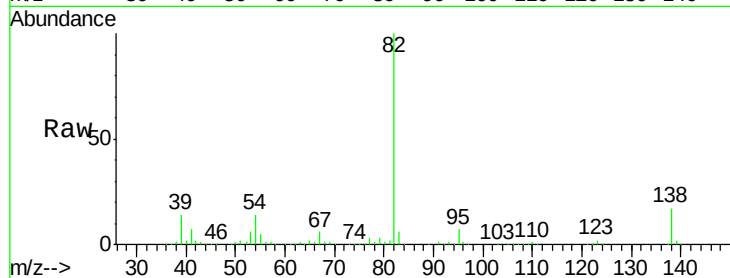
Tot Ion: 82 Resp: 770091

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

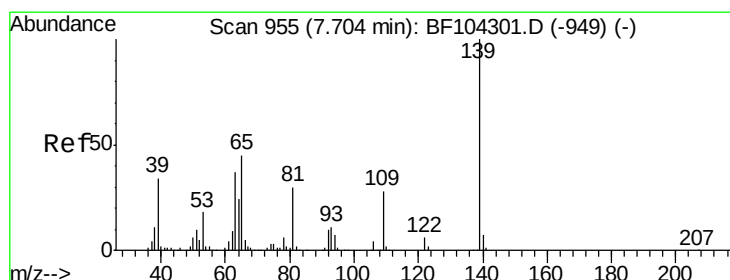
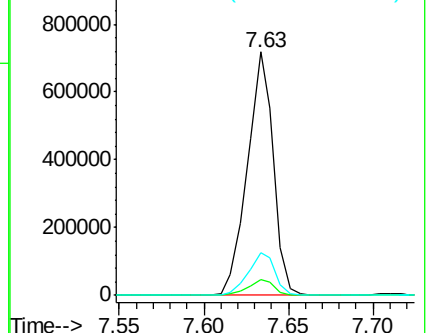
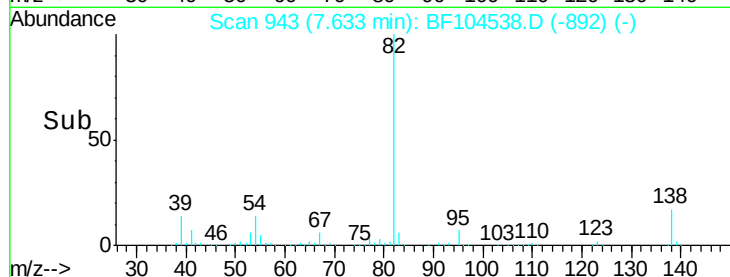
138 17.5 14.9 22.3



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: 59.867 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

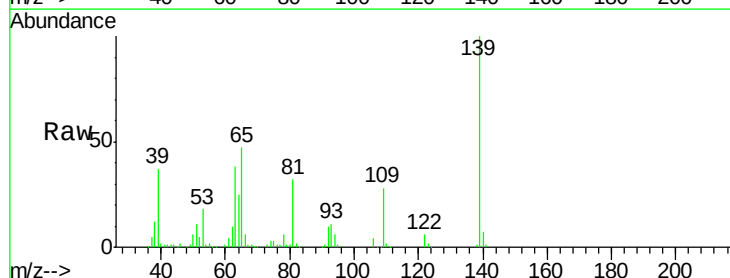
Tgt Ion: 139 Resp: 256901

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

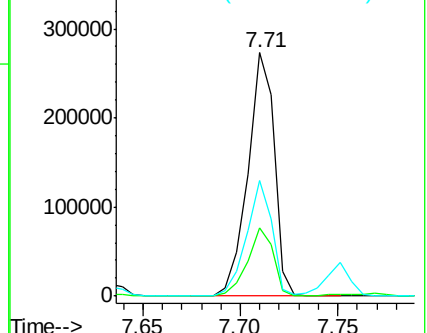
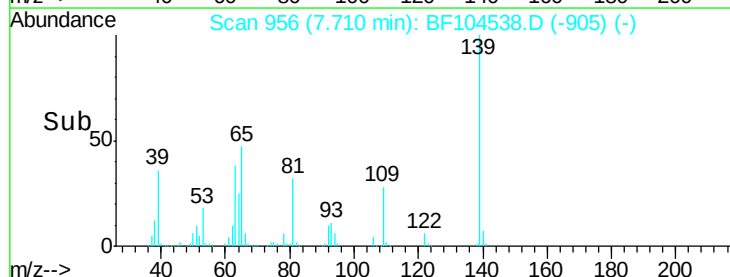
65 47.4 40.5 60.7

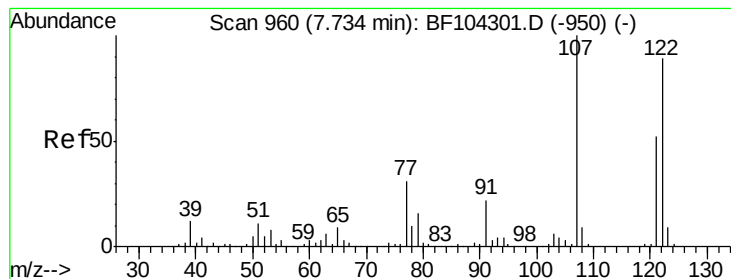


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.660 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

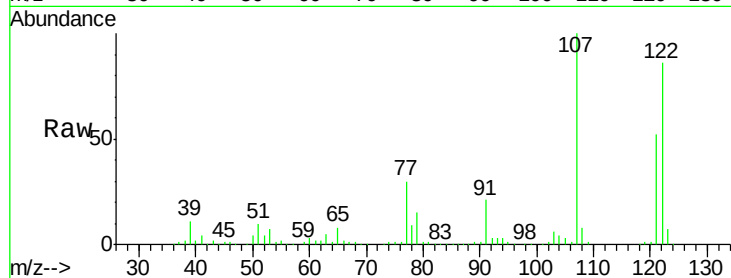
Tot Ion:122 Resp: 353376

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

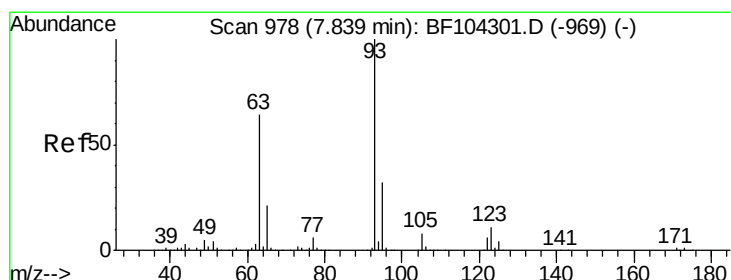
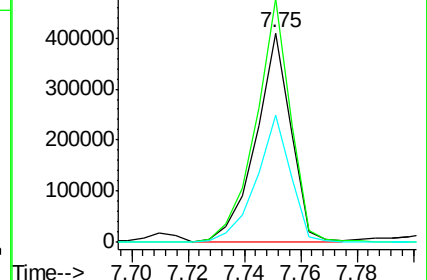
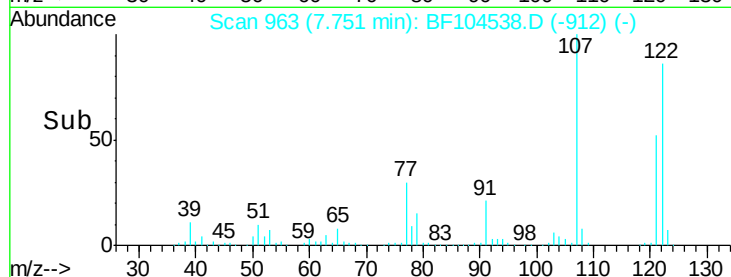
121 60.7 47.2 70.8



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: 42.491 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

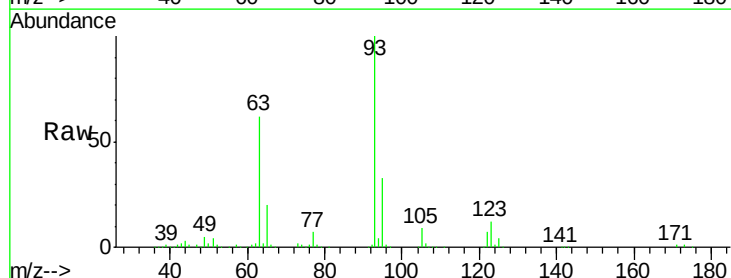
Tgt Ion: 93 Resp: 524505

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

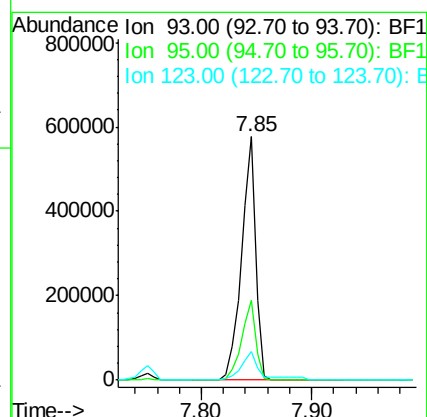
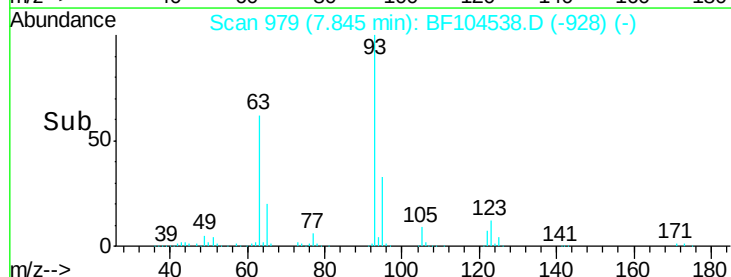
123 11.8 9.8 14.6

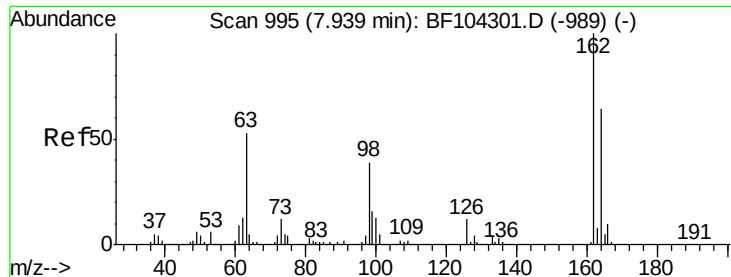


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

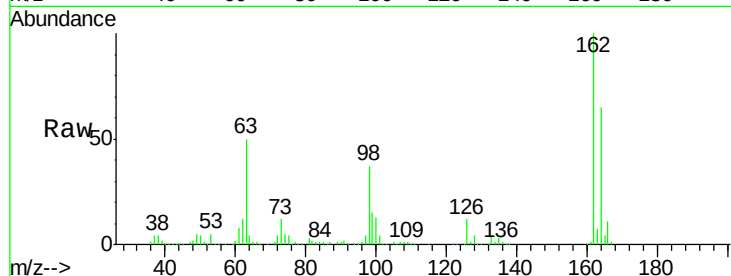




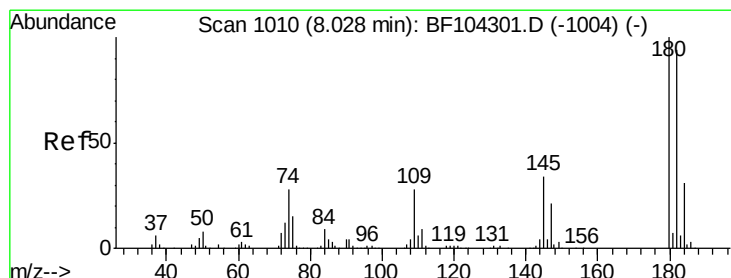
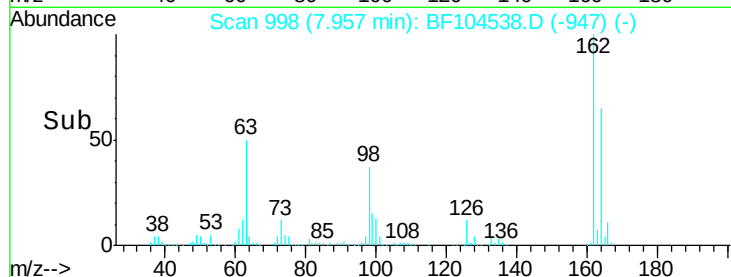
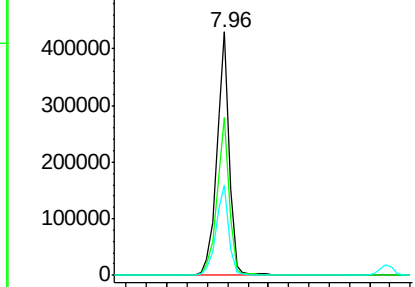
#29
2,4-Dichlorophenol
Concen: 43.010 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	37.2	18.1	58.1

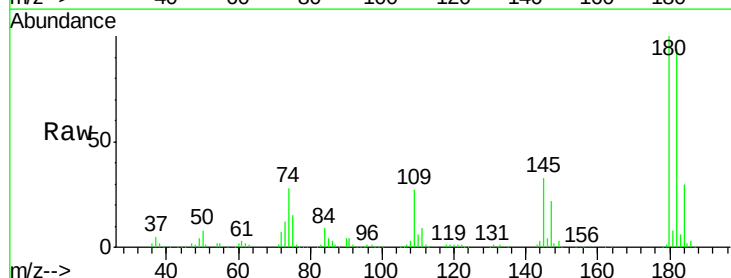


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

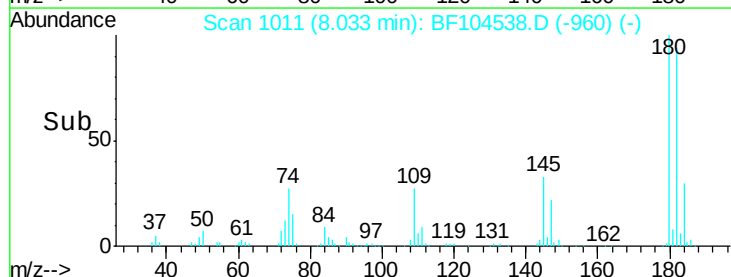
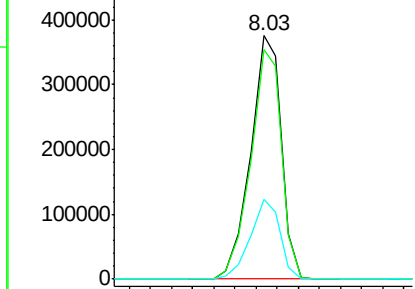


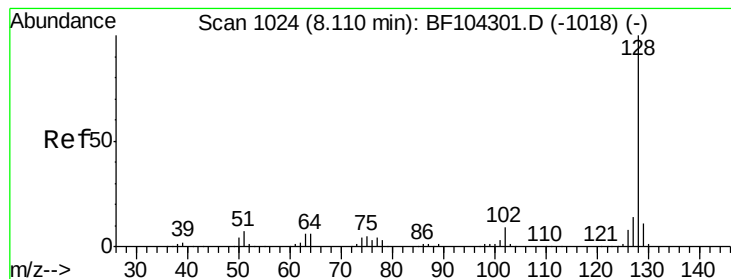
#30
1,2,4-Trichlorobenzene
Concen: 40.616 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	33.0	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: 38.031 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

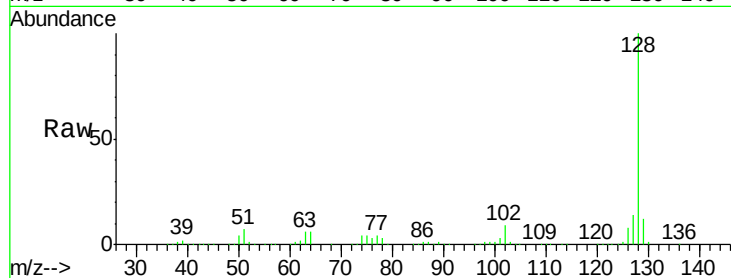
Tot Ion:128 Resp: 1180598

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

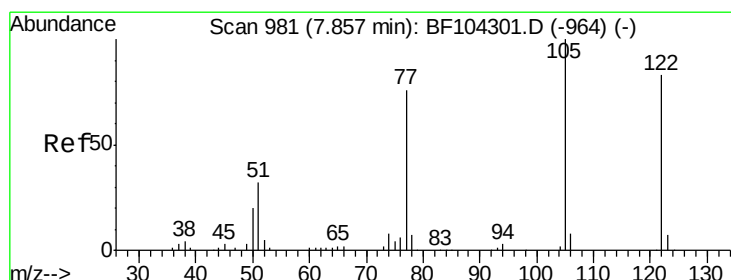
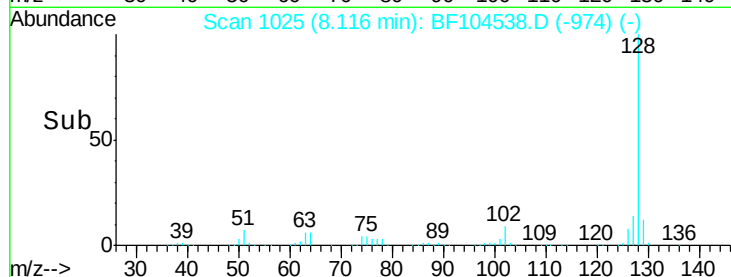
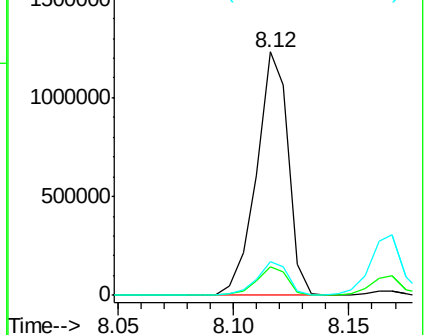
127 13.7 10.9 16.3



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: 45.912 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

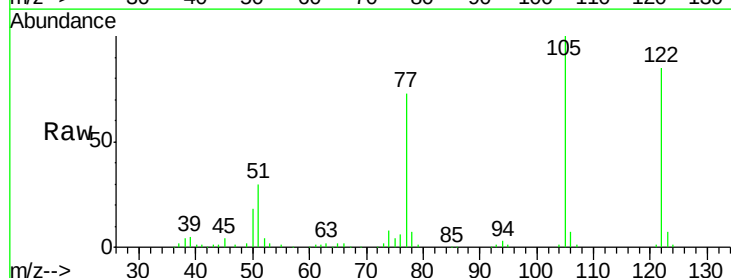
Tgt Ion:122 Resp: 326401

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

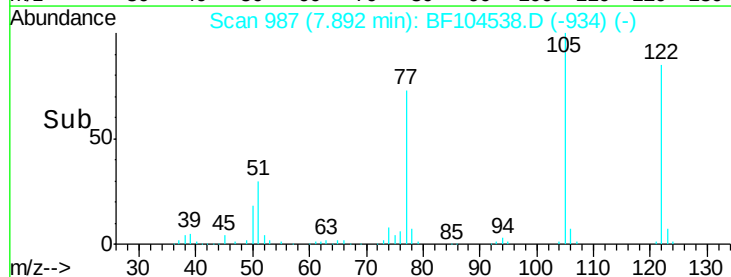
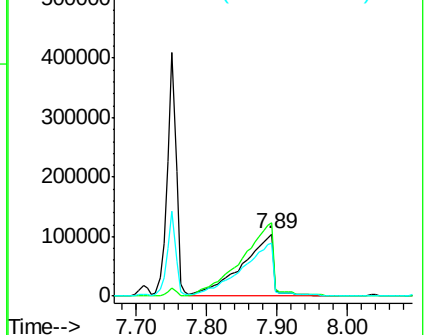
77 85.6 70.7 110.7

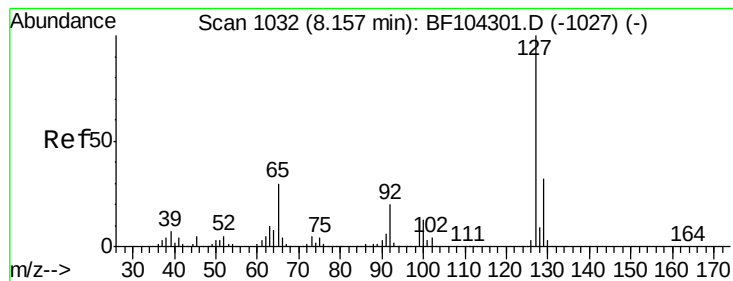


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 23.189 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

Tot Ion:127 Resp: 308392

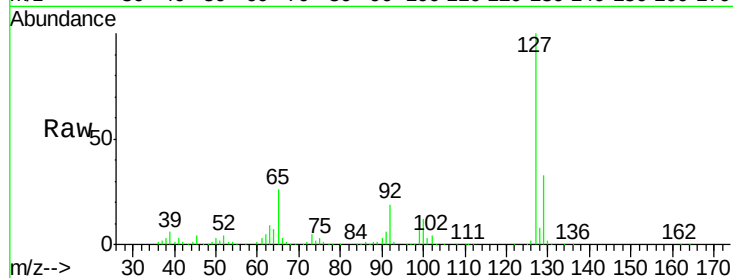
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 26.3 25.0 37.4

92 18.7 15.2 22.8

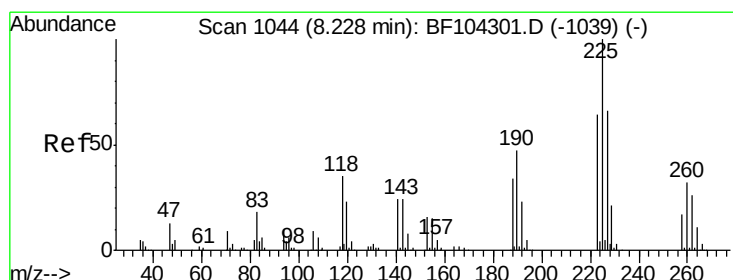
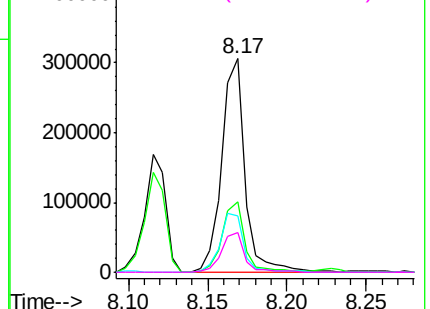
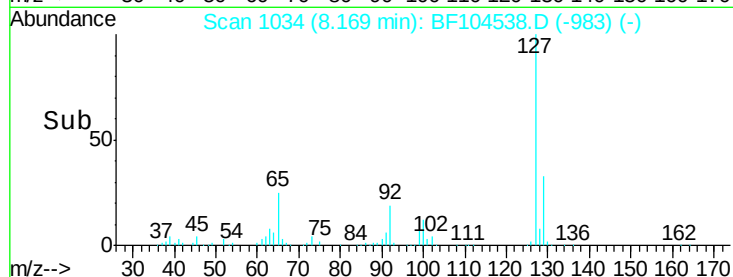


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.713 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

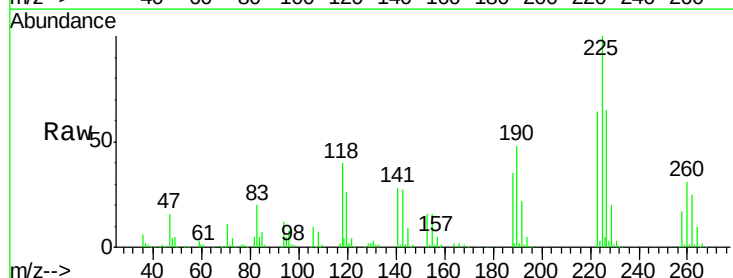
Tgt Ion:225 Resp: 208061

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

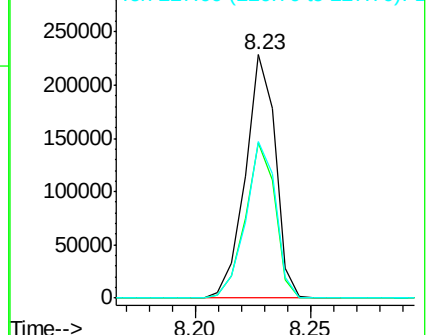
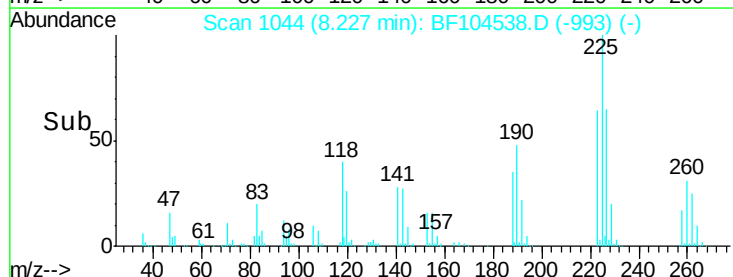
227 64.5 51.9 77.9

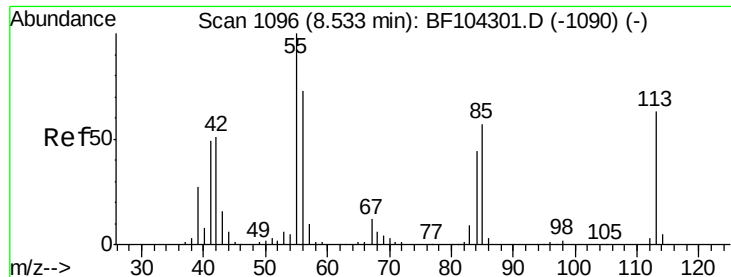


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.293 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

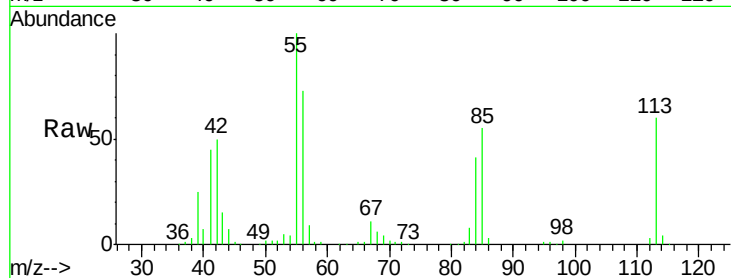
Tot Ion:113 Resp: 92809

Ion Ratio Lower Upper

113 100

55 167.8 163.3 203.3

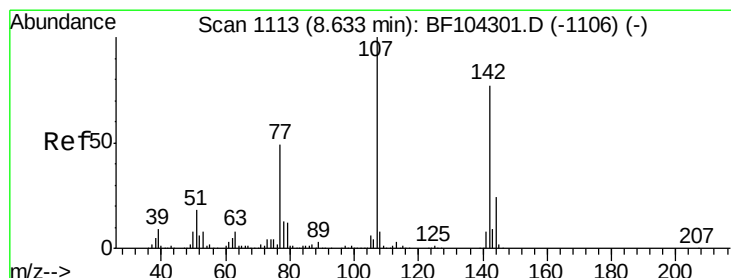
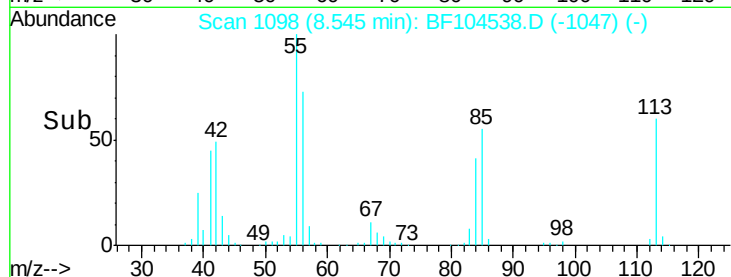
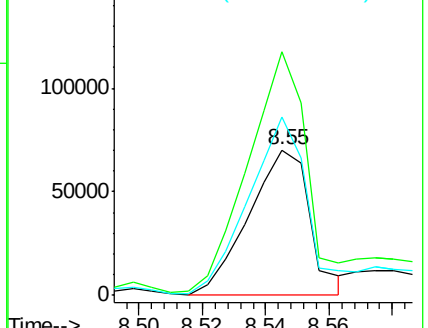
56 122.5 115.7 155.7



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: 44.045 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

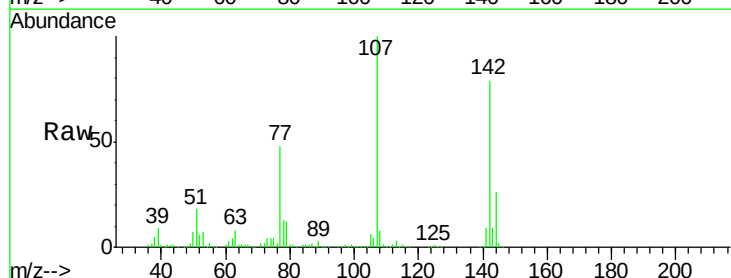
Tgt Ion:107 Resp: 401506

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

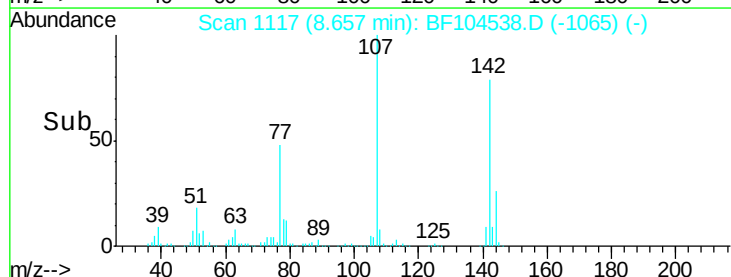
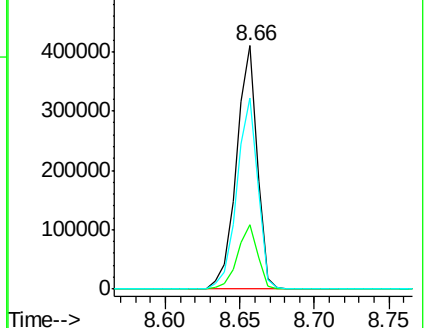
142 78.6 62.0 93.0

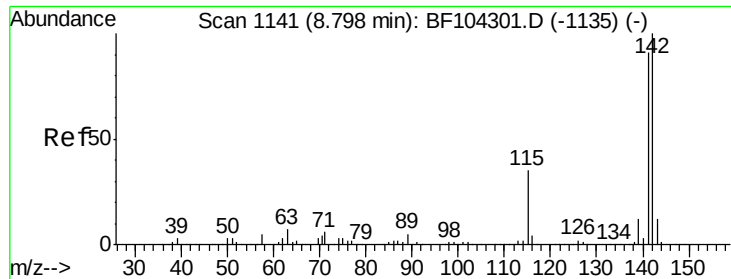


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

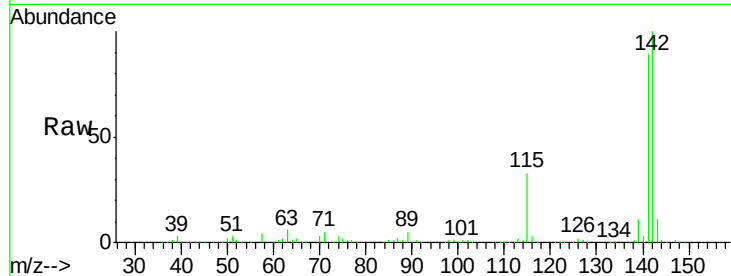




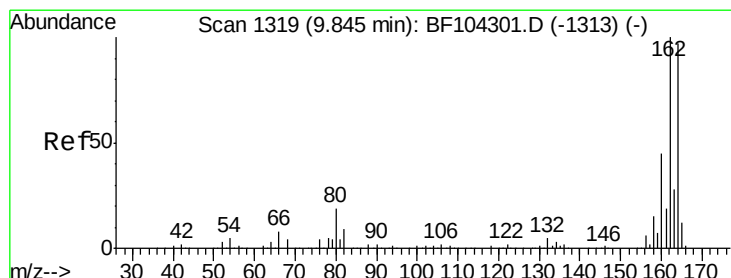
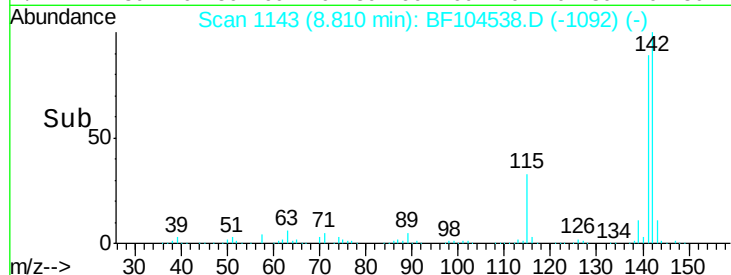
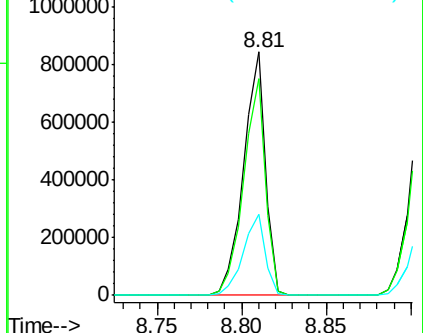
#37
 2-Methylnaphthalene
 Concen: 38.170 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleID :
 PB108254BS

Tot Ion:142 Resp: 766461
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 33.4 26.1 39.1

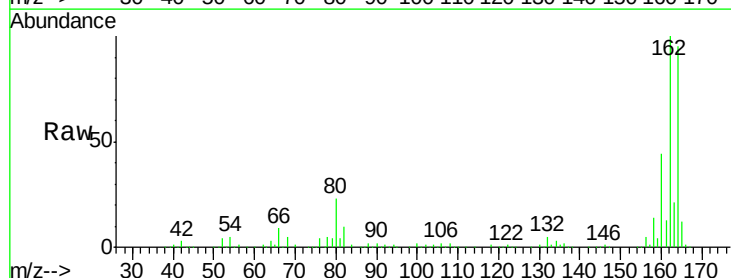


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

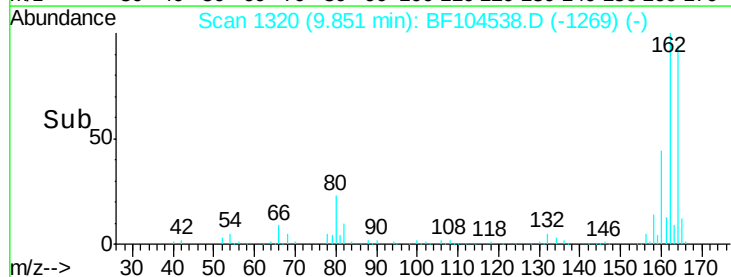
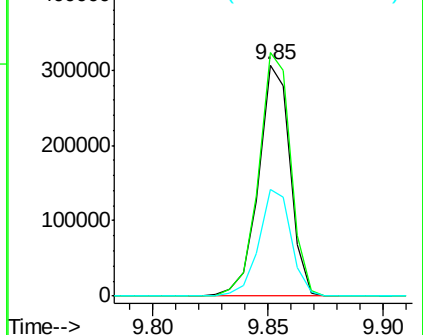


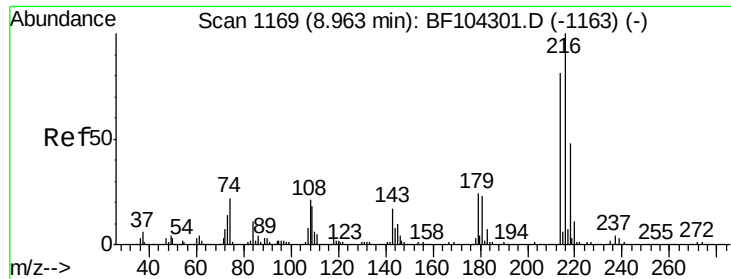
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:164 Resp: 291847
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.3 38.3 57.5



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

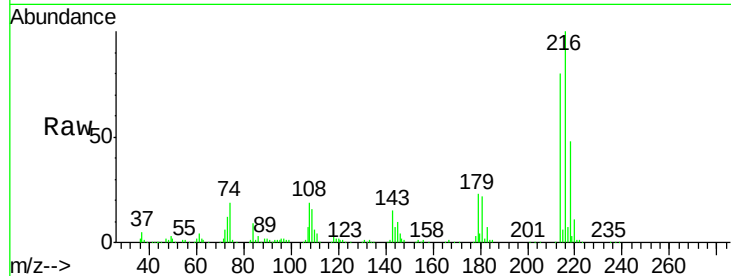




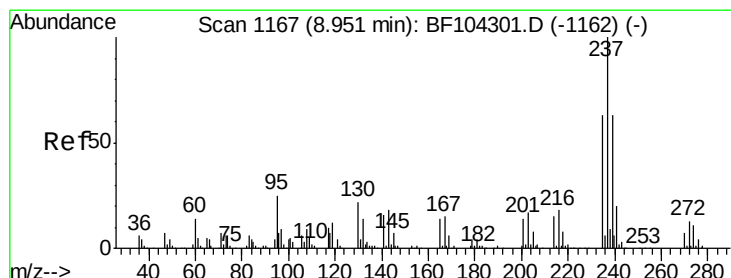
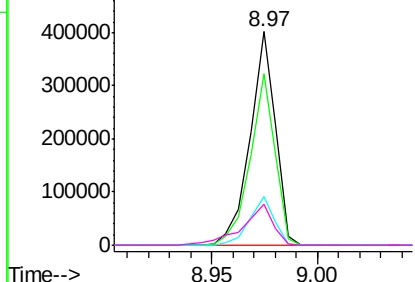
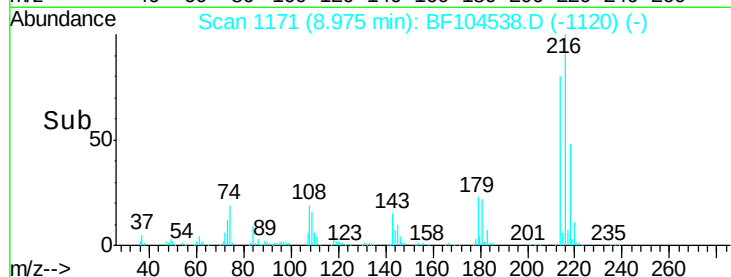
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.179 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:216	Resp:	335667
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.0 94.4
179	22.4	18.1 27.1
108	23.2	17.2 25.8

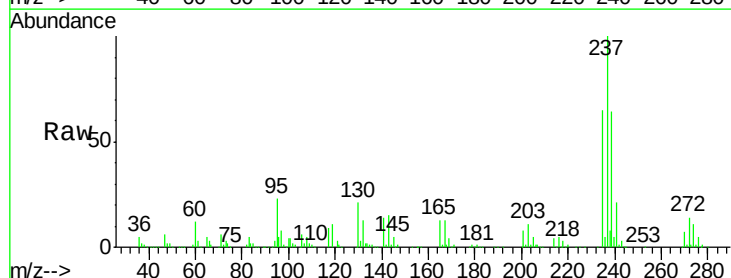


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

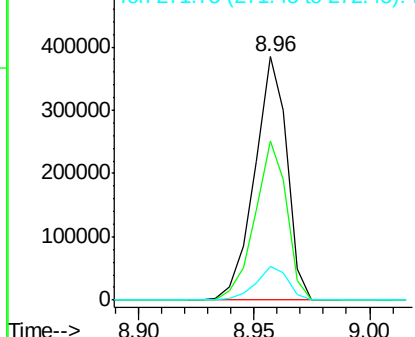
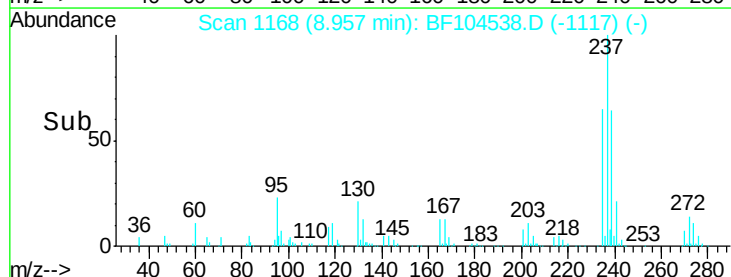


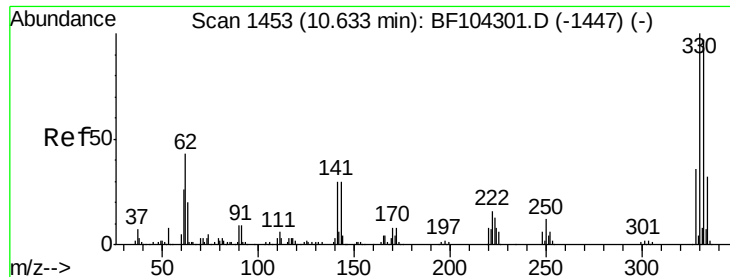
#40
 Hexachlorocyclopentadiene
 Concen: 80.119 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:237	Resp:	374720
Ion Ratio	Lower	Upper
237	100	
235	65.3	44.8 84.8
272	13.7	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

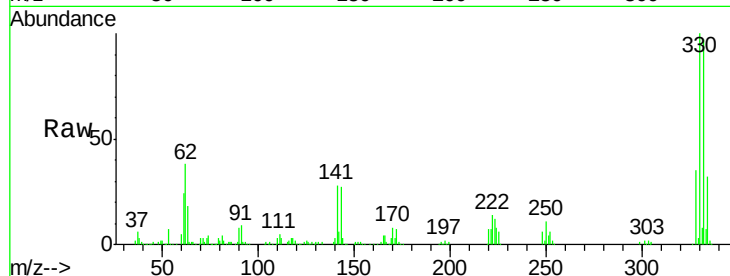




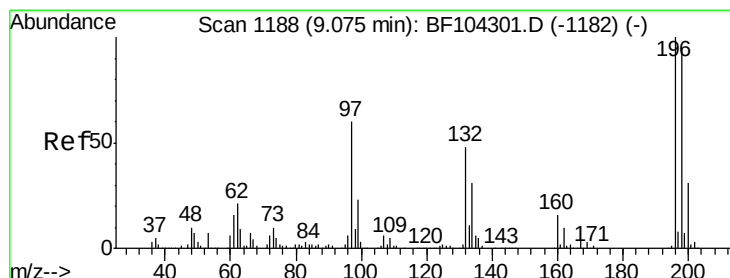
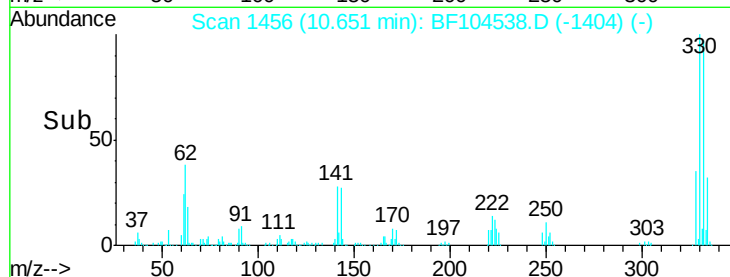
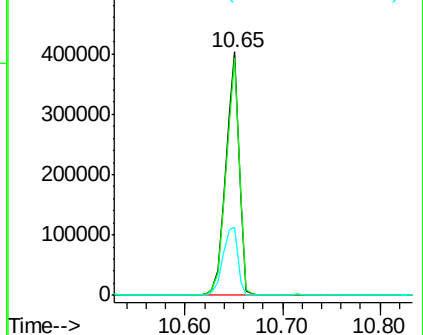
#41
 2,4,6-Tribromophenol
 Concen: 125.862 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.9	29.9	44.9

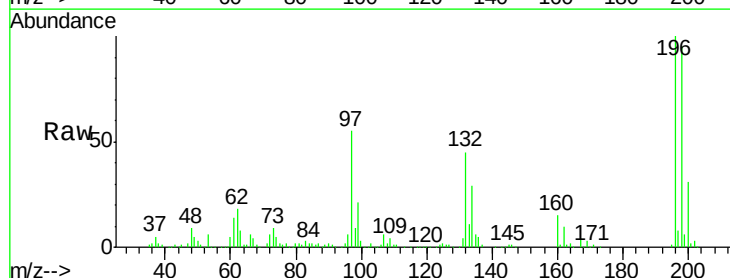


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

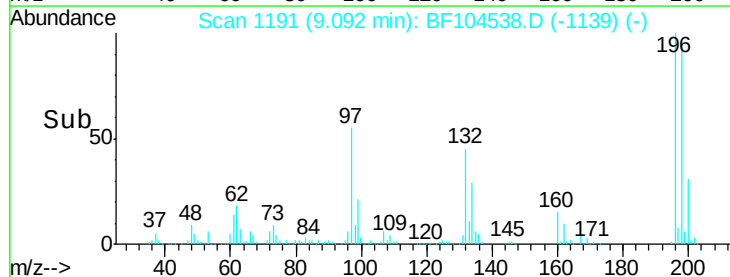
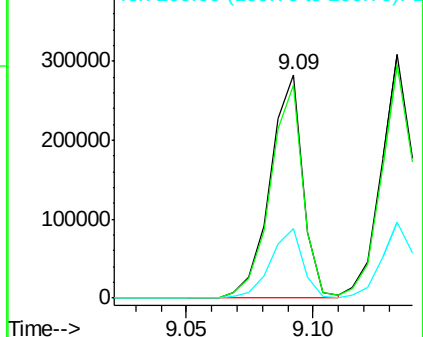


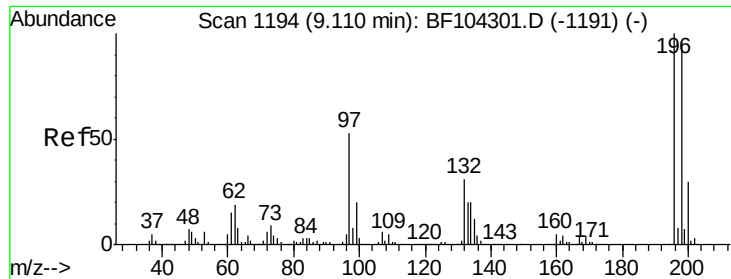
#42
 2,4,6-Trichlorophenol
 Concen: 44.700 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	31.1	24.5	36.7



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

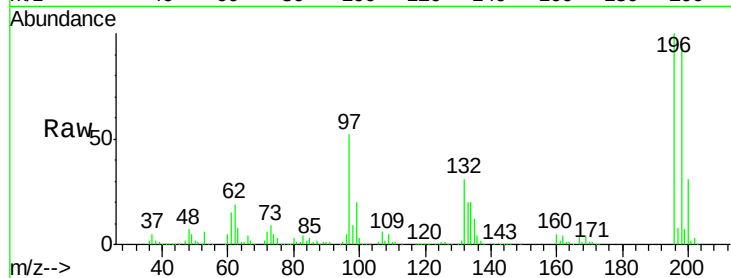




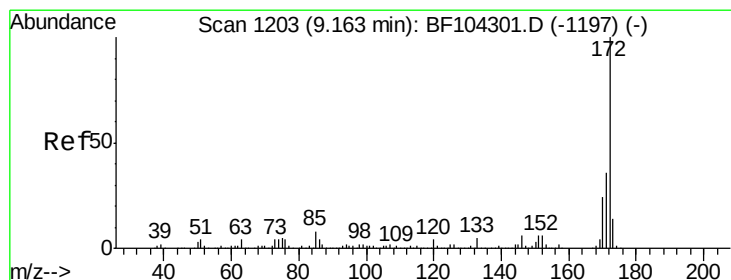
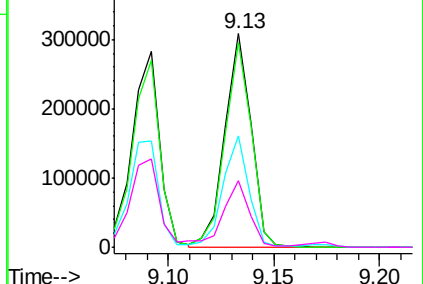
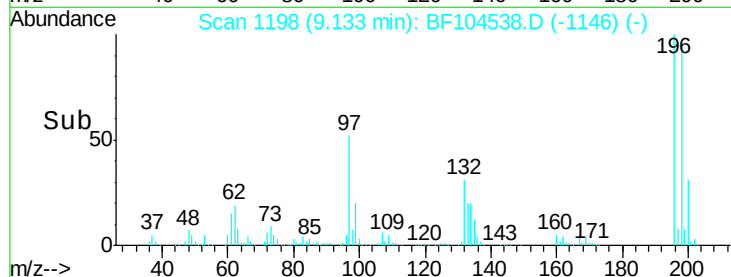
#43
 2,4,5-Trichlorophenol
 Concen: 40.718 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:	196	Resp:	264253
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	52.3	42.9	64.3
132	31.0	26.3	39.5

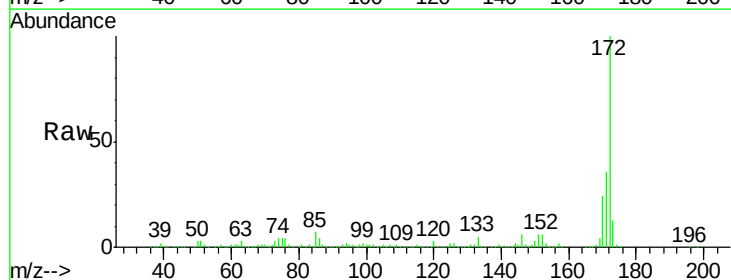


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

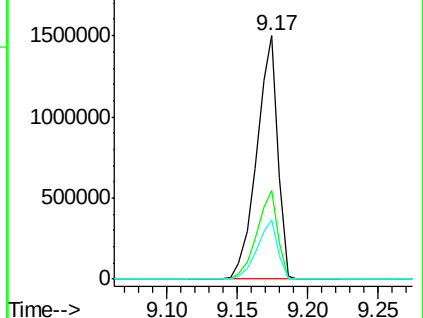
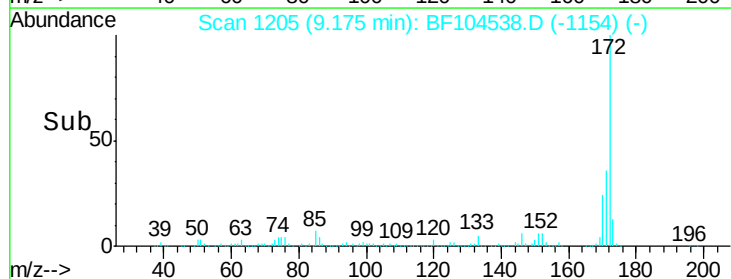


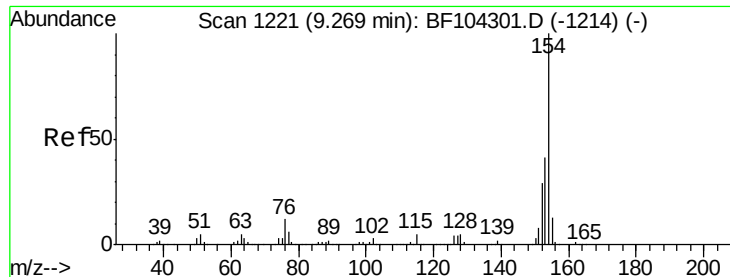
#44
 2-Fluorobiphenyl
 Concen: 85.003 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:	172	Resp:	1570374
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



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

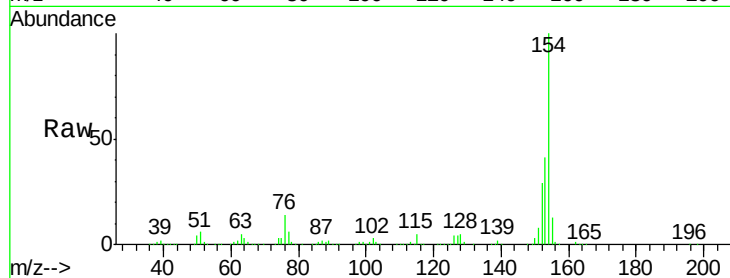




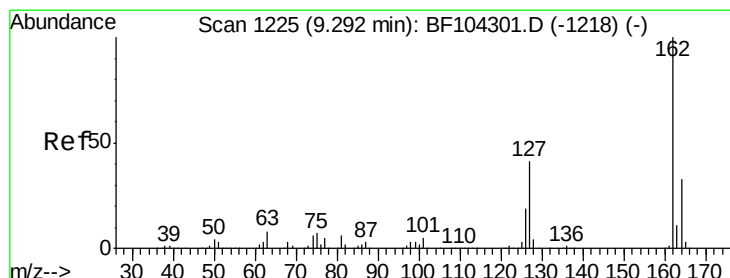
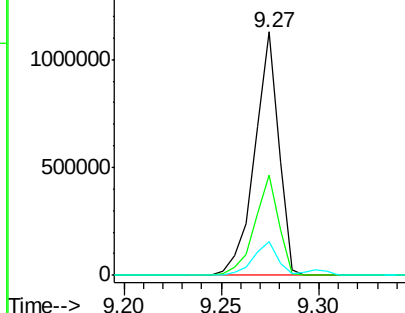
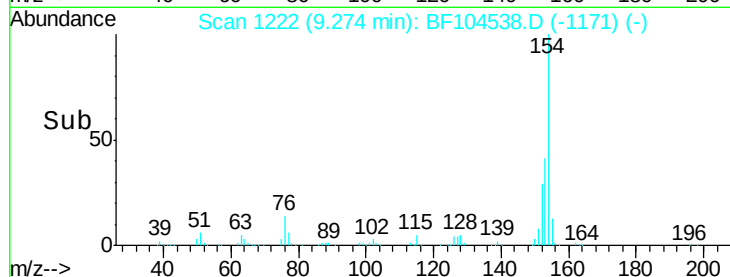
#45
 1,1'-Biphenyl
 Concen: 39.264 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:154 Resp: 962640
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.7 0.0 34.0

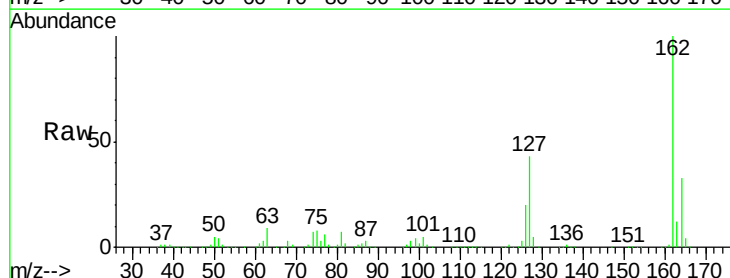


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

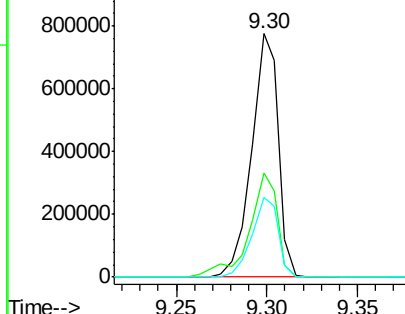
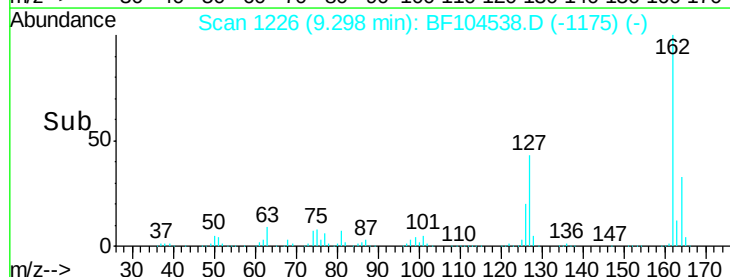


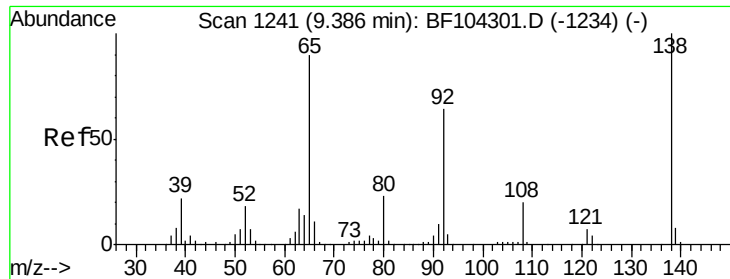
#46
 2-Chloronaphthalene
 Concen: 40.676 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:162 Resp: 787708
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.365 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

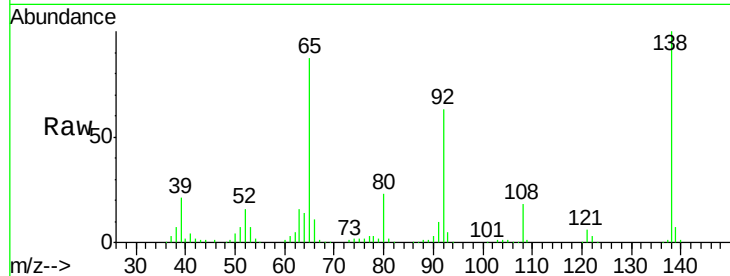
Tot Ion: 65 Resp: 250782

Ion Ratio Lower Upper

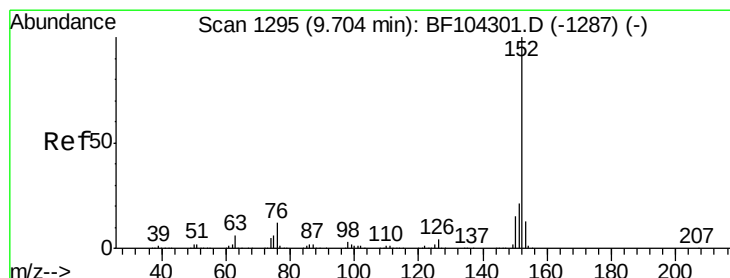
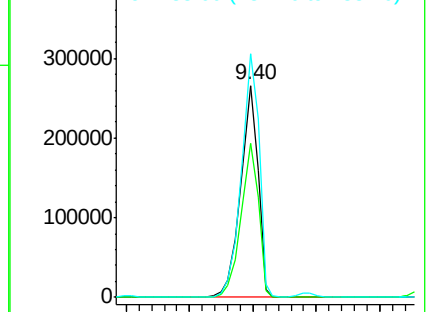
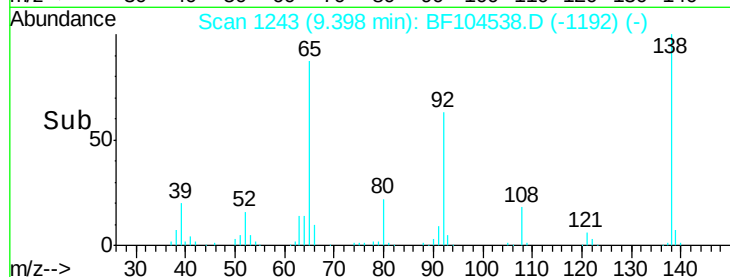
65 100

92 72.8 55.8 83.6

138 114.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 38.147 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

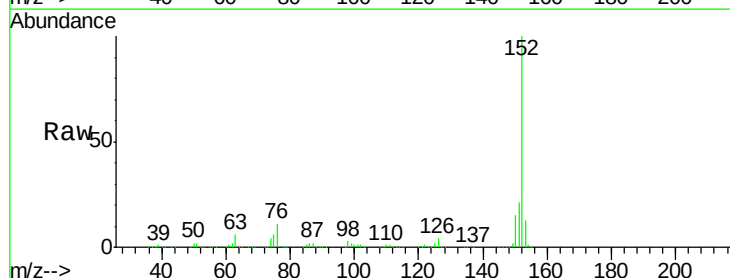
Tgt Ion: 152 Resp: 1159056

Ion Ratio Lower Upper

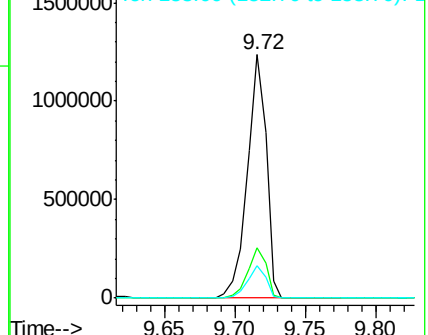
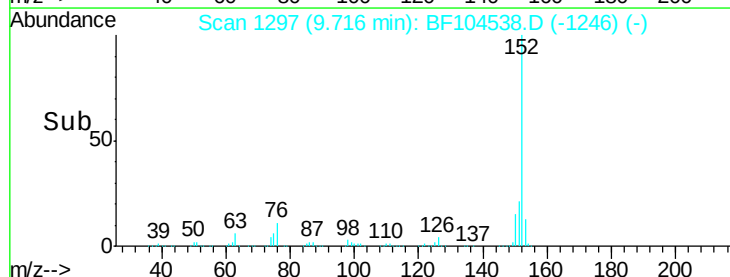
152 100

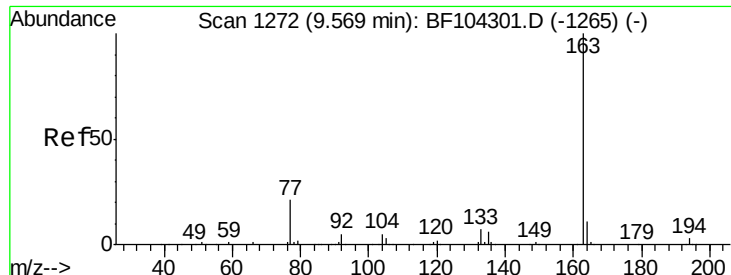
151 20.9 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

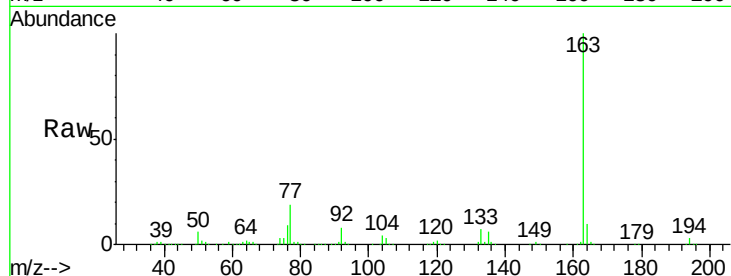




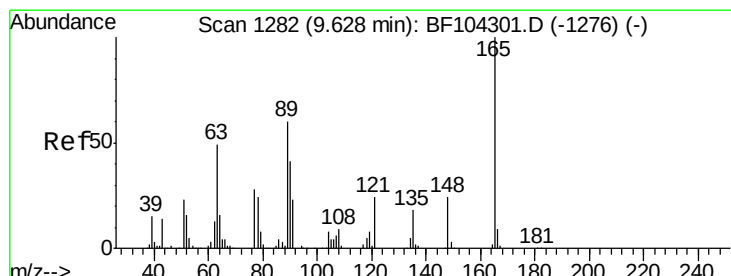
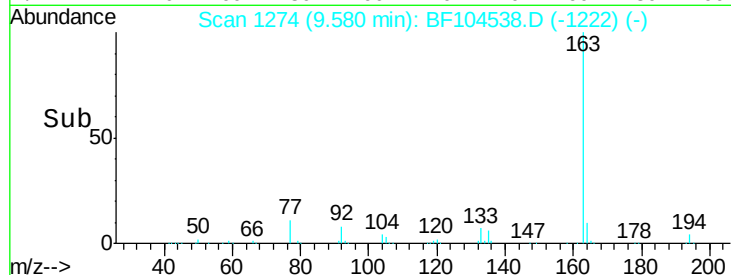
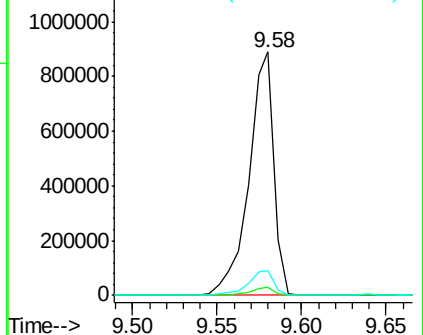
#49
Dimethylphthalate
Concen: 39.918 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion:163 Resp: 918693
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

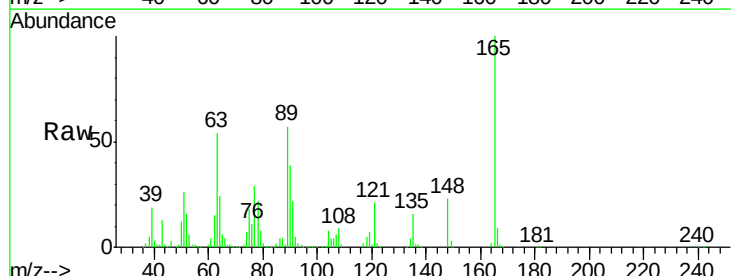


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

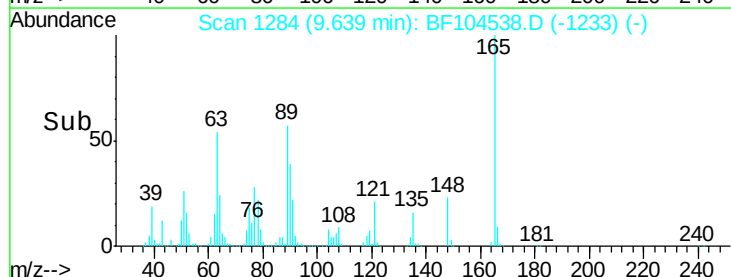
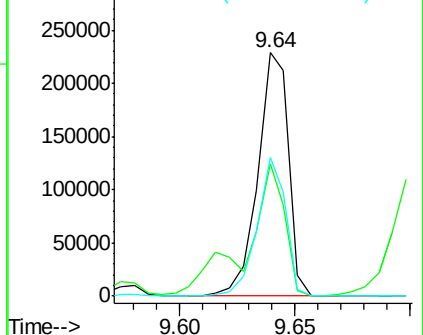


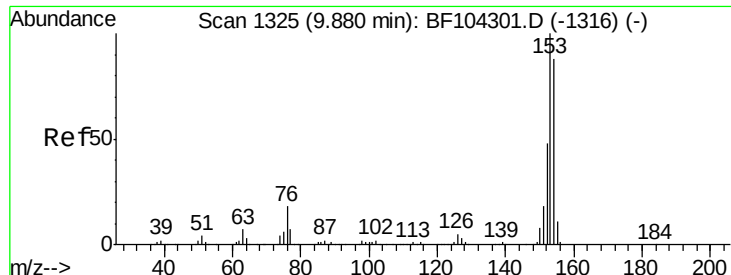
#50
2,6-Dinitrotoluene
Concen: 49.776 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:165 Resp: 211973
Ion Ratio Lower Upper
165 100
63 54.5 44.7 67.1
89 57.0 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: 36.048 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

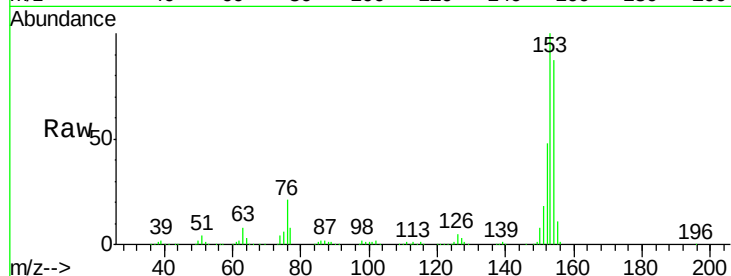
Tot Ion:154 Resp: 668261

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

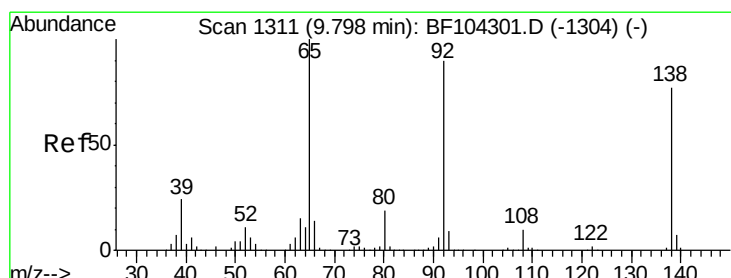
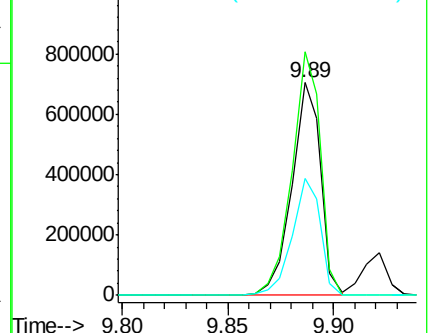
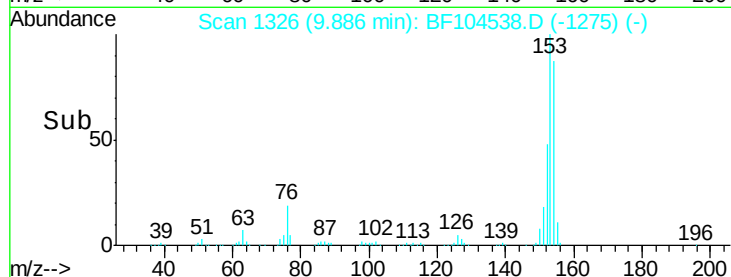
152 54.7 43.8 65.8



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: 35.333 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

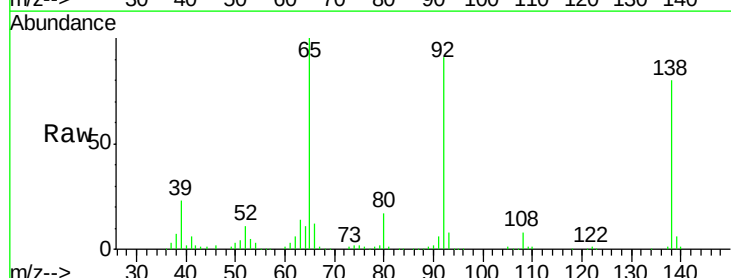
Tgt Ion:138 Resp: 176154

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

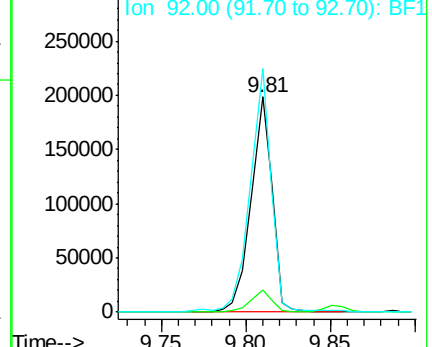
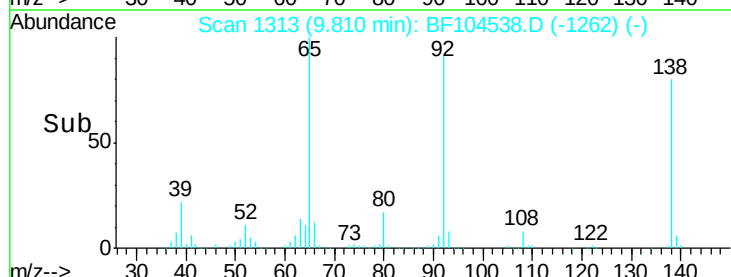
92 113.0 89.4 134.2

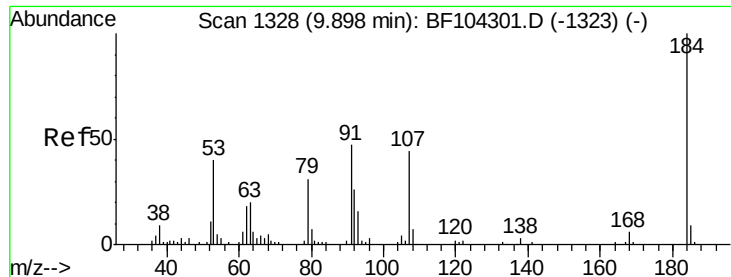


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

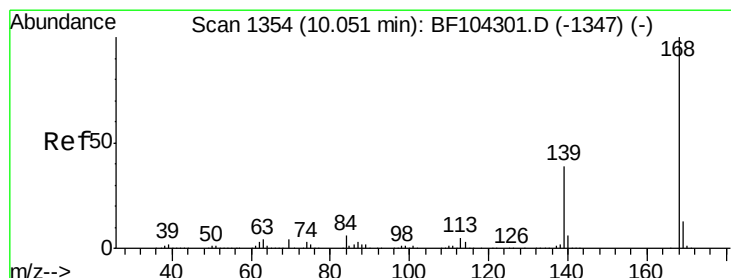
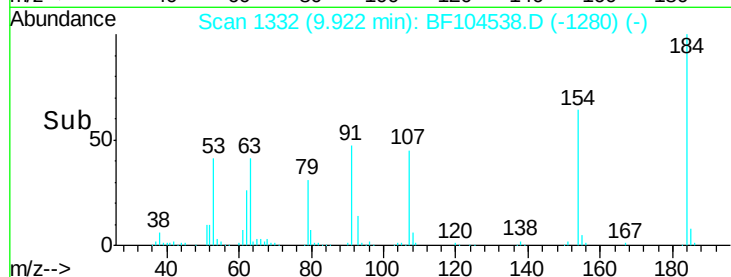
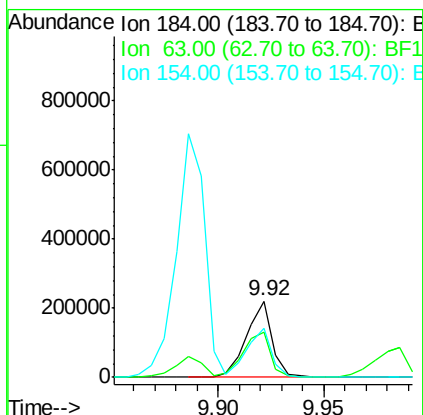
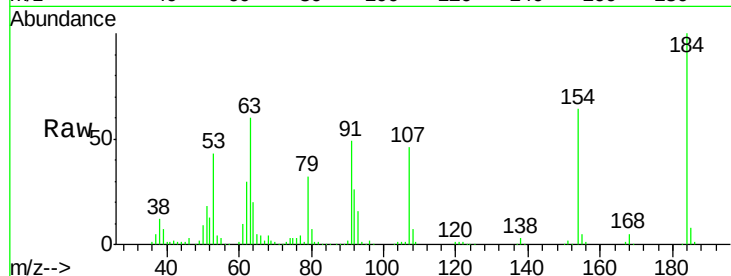




#53
 2,4-Dinitrophenol
 Concen: 96.183 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

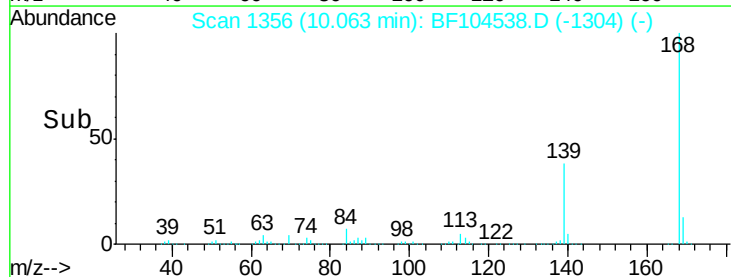
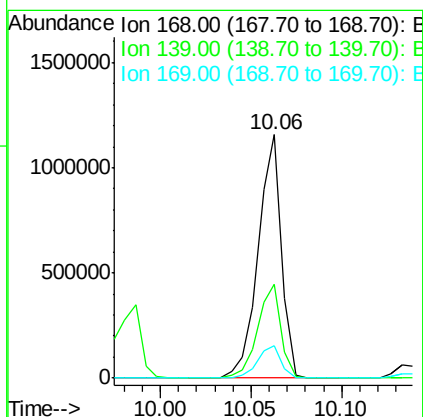
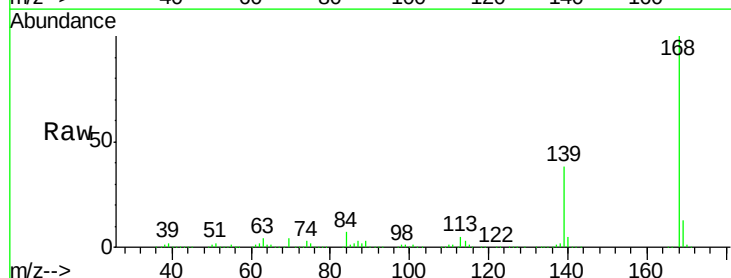
Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

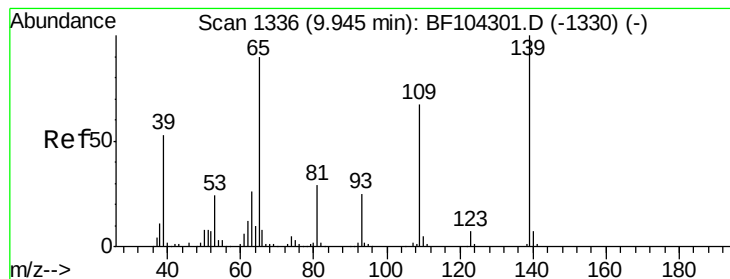
Tot Ion:184 Resp: 185799
 Ion Ratio Lower Upper
 184 100
 63 59.8 54.2 81.2
 154 64.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.888 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:168 Resp: 1030495
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 89.249 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

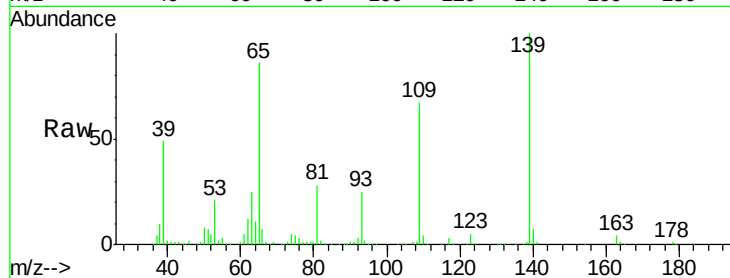
Tot Ion:139 Resp: 349524

Ion Ratio Lower Upper

139 100

109 66.8 48.4 88.4

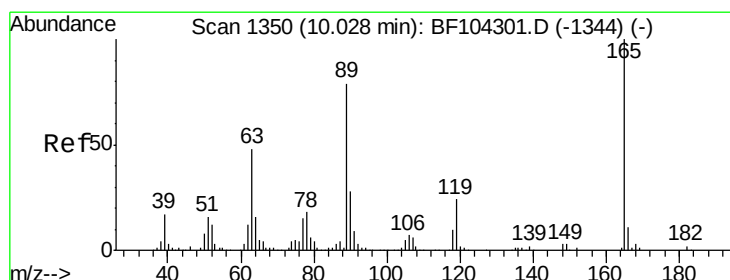
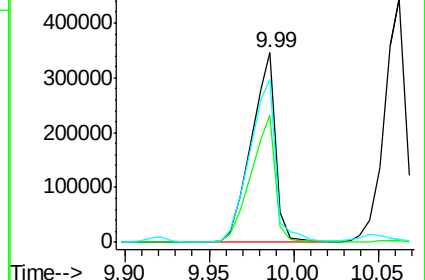
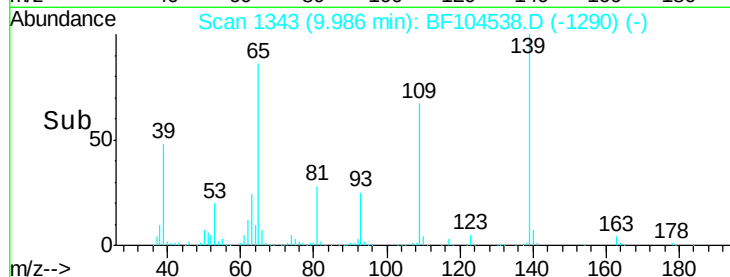
65 85.6 72.6 112.6



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: 49.674 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:165 Resp: 277479

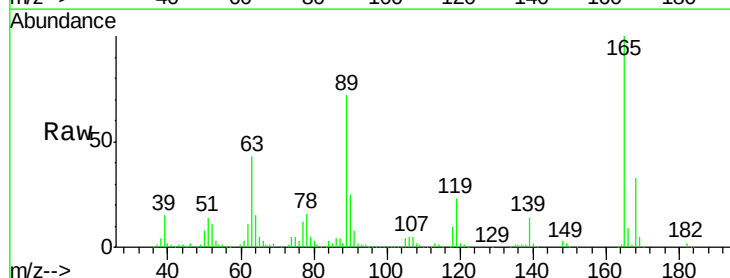
Ion Ratio Lower Upper

165 100

63 42.6 36.4 54.6

89 72.2 57.8 86.6

182 2.4 1.6 2.4#

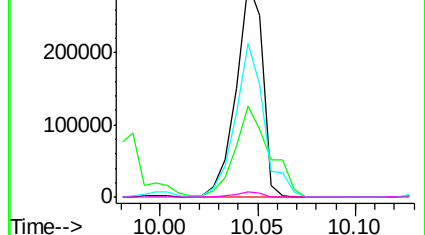
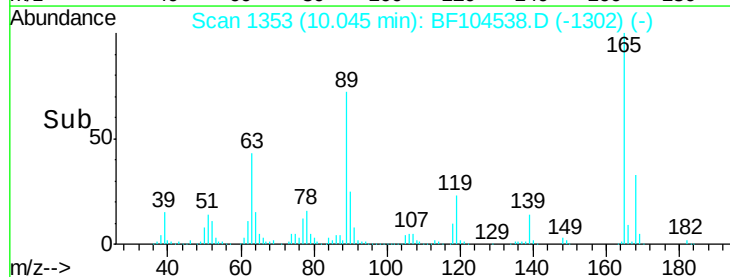


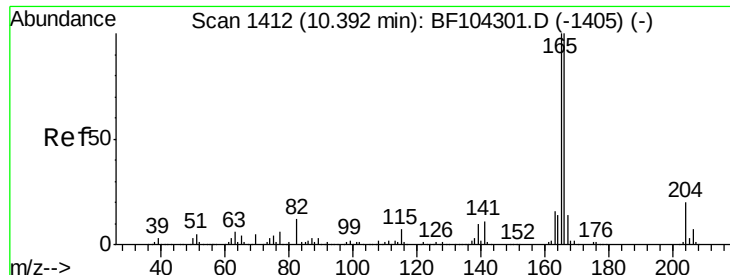
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

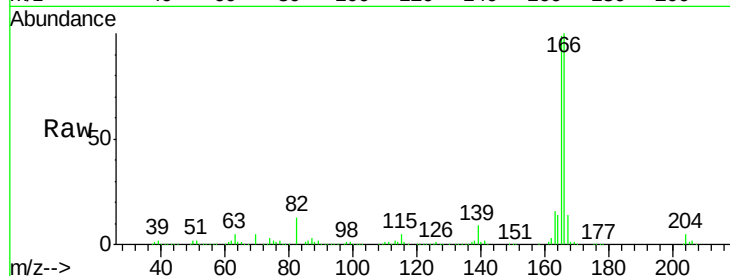




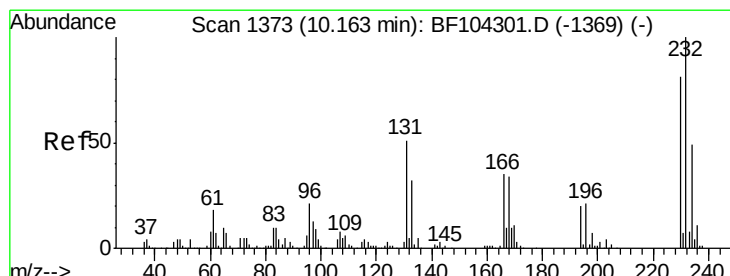
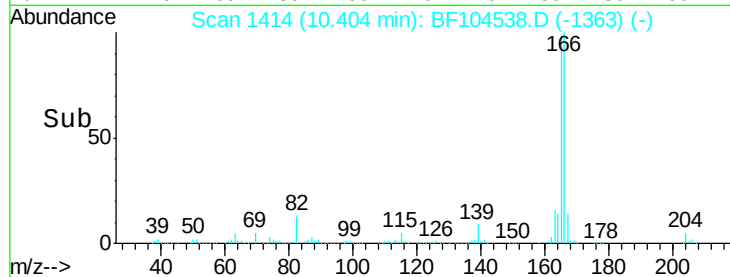
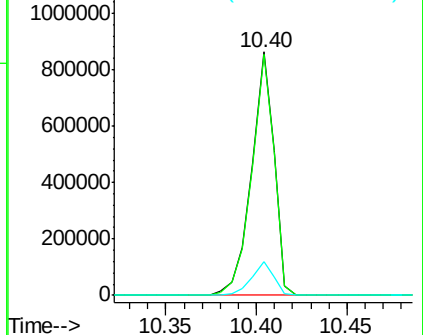
#57
 Fluorene
 Concen: 39.453 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:166	Resp:	741891
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.8 119.8
167	13.7	10.6 16.0



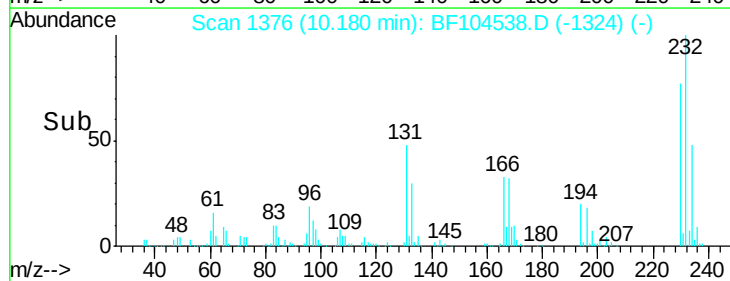
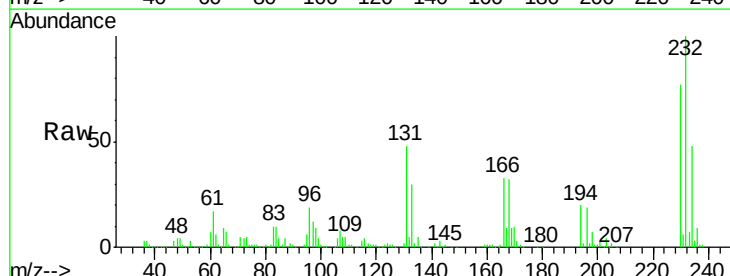
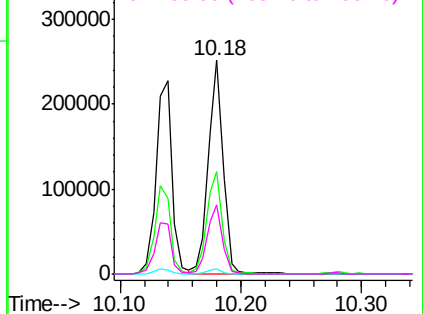
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

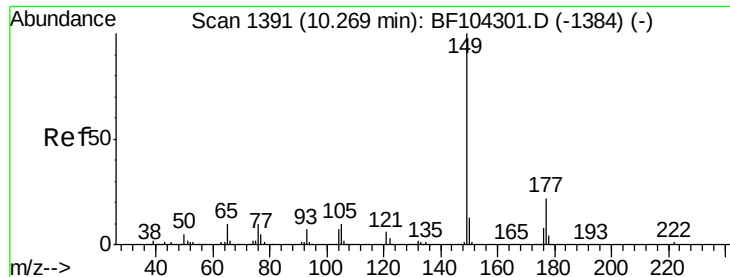


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.858 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:232	Resp:	212346
Ion Ratio	Lower	Upper
232	100	
131	49.9	43.8 65.8
130	2.4	2.1 3.1
166	33.5	27.8 41.6

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

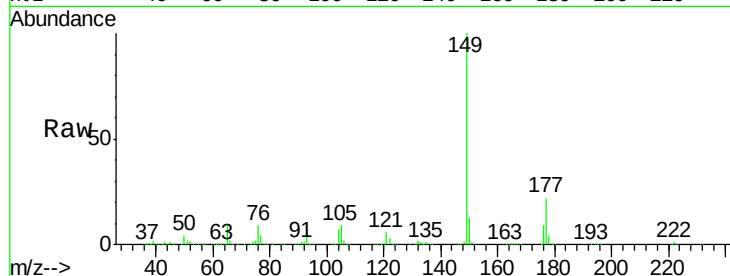




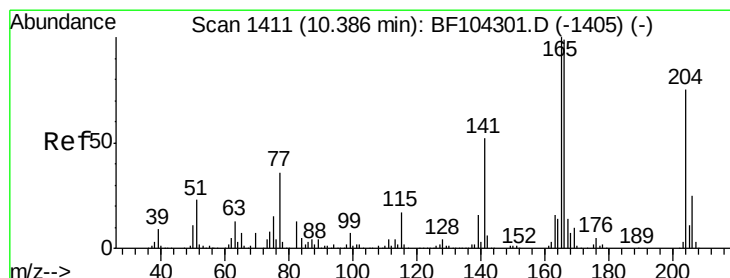
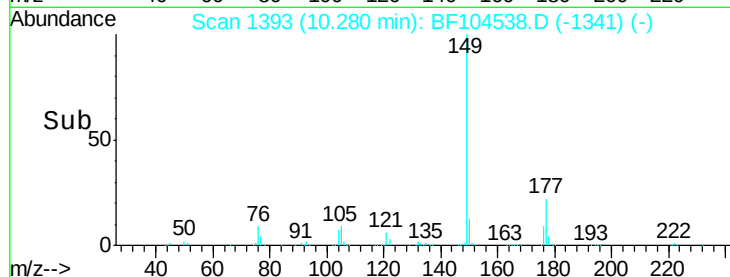
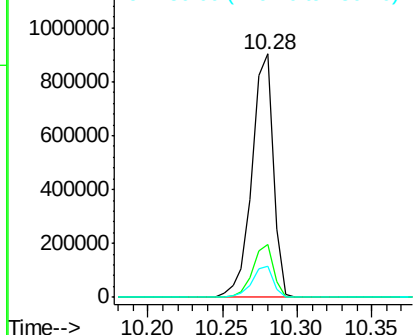
#59
Diethylphthalate
Concen: 38.825 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion:149 Resp: 889889
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.6 10.1 15.1

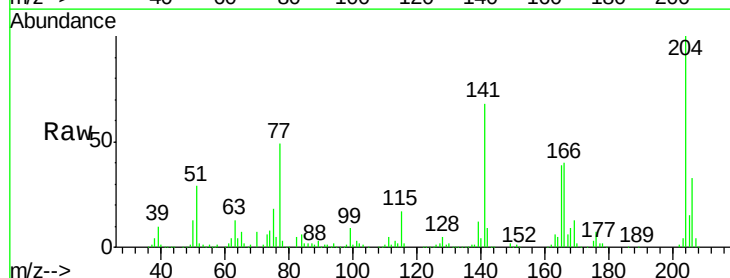


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

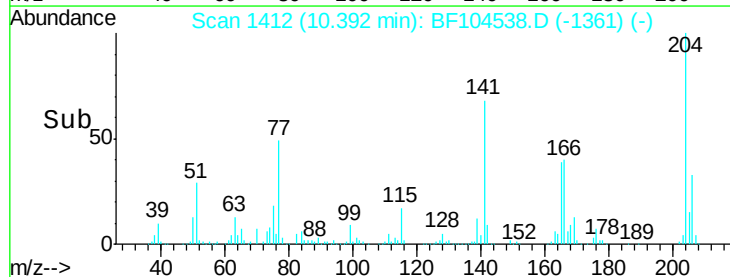
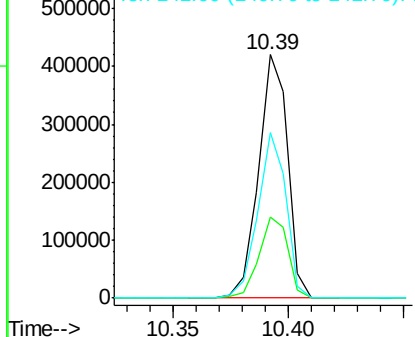


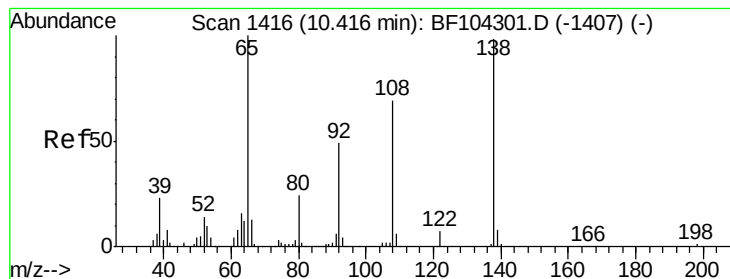
#60
4-Chlorophenyl-phenylether
Concen: 44.024 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:204 Resp: 368686
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 68.2 54.6 81.8



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





#61

4-Nitroaniline

Concen: 48.264 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

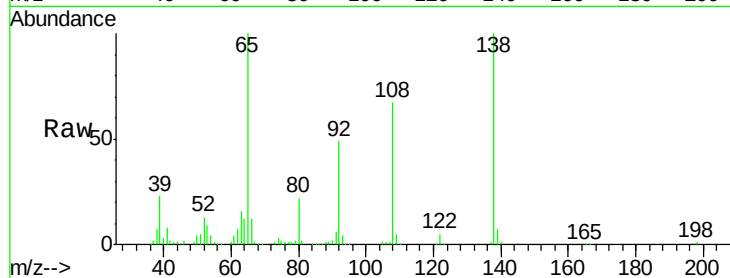
Tot Ion:138 Resp: 235272

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

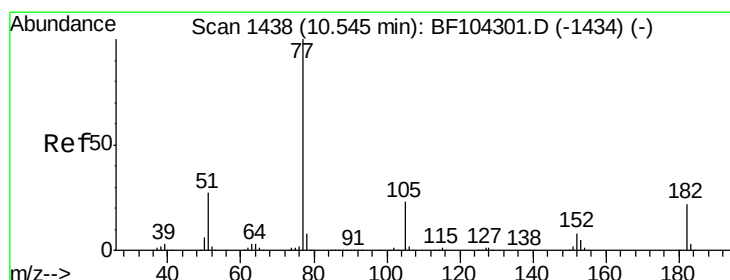
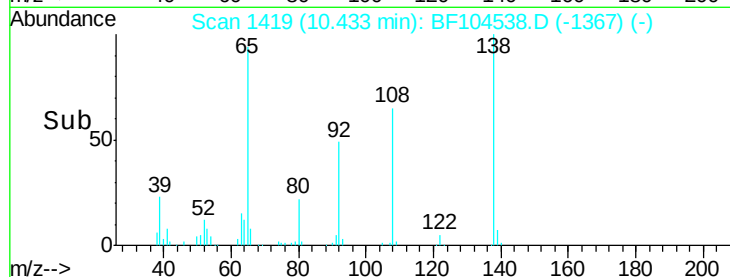
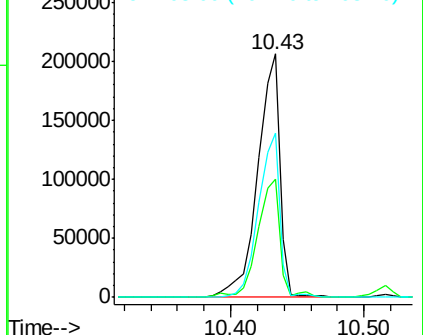
108 67.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.300 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion: 77 Resp: 882492

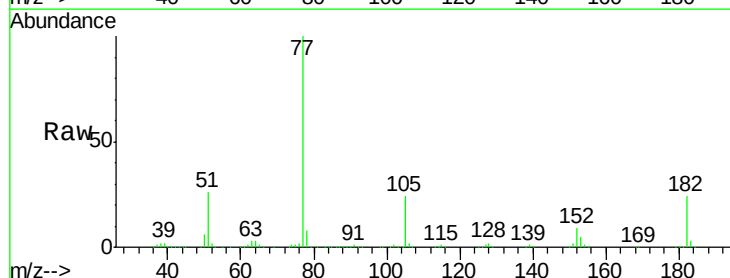
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 23.6 3.0 43.0

51 25.8 9.9 49.9

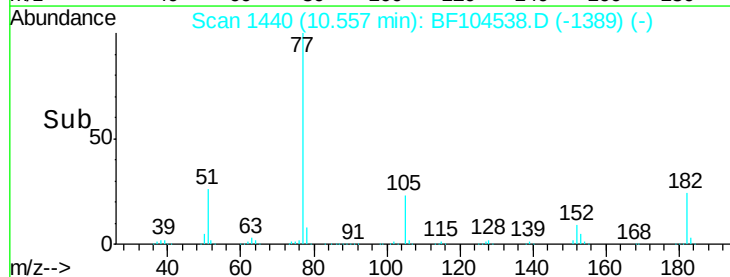
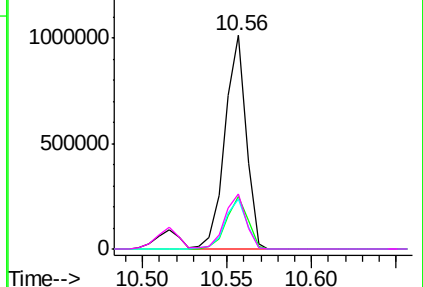


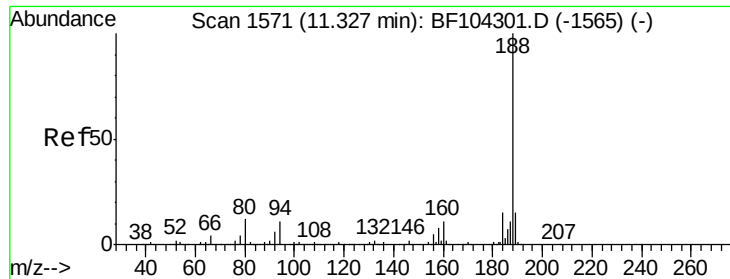
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

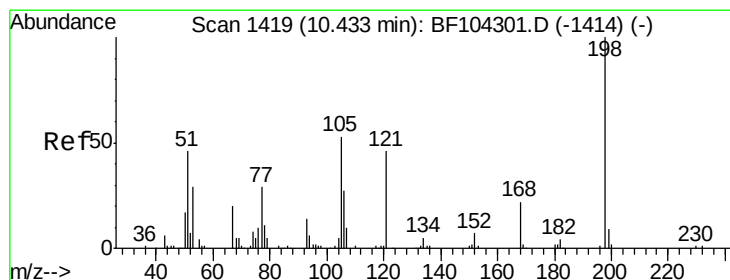
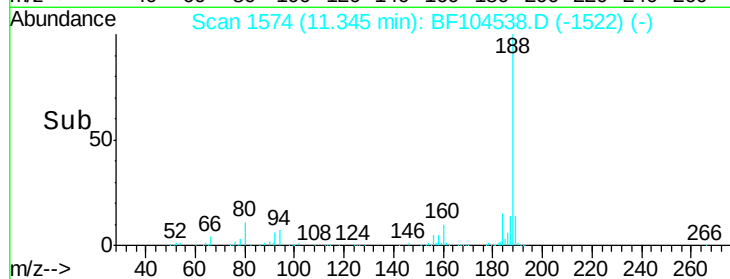
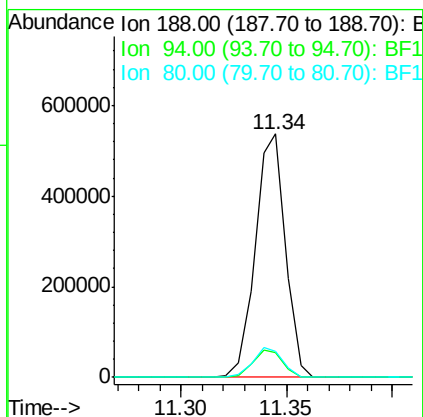
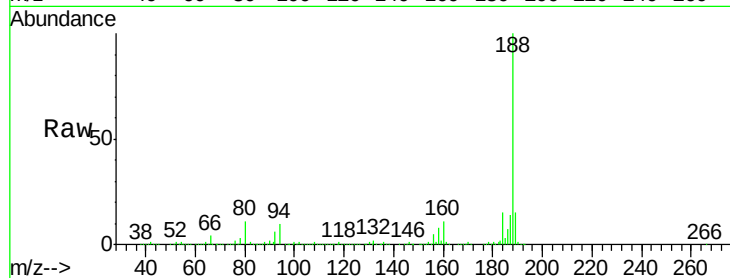




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

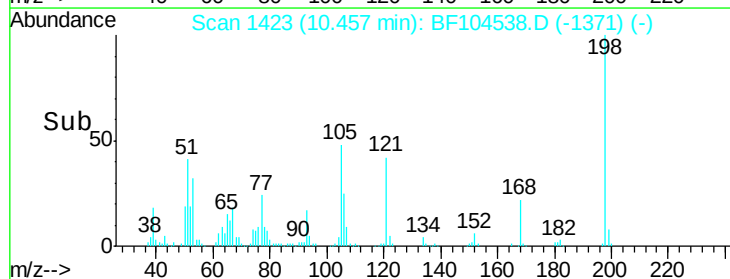
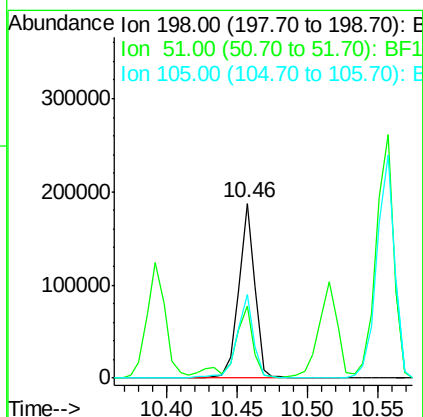
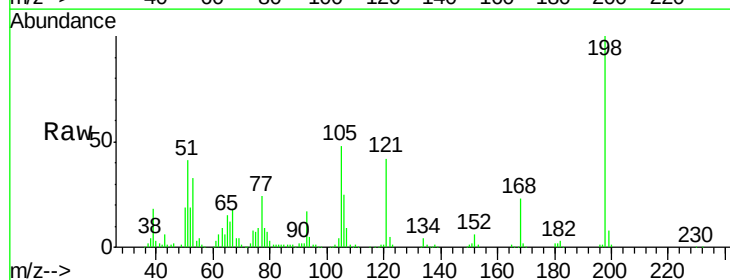
Instrument :
BNA_F
ClientSampleId :
PB108254BS

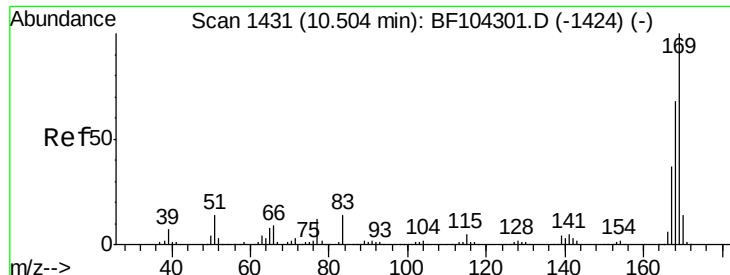
Tot Ion:188 Resp: 531017
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 56.049 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:198 Resp: 148715
Ion Ratio Lower Upper
198 100
51 41.1 37.7 77.7
105 47.7 36.3 76.3

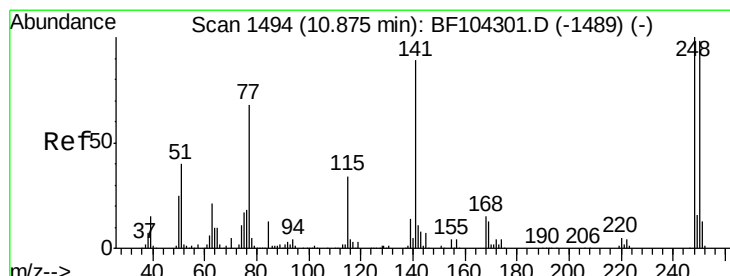
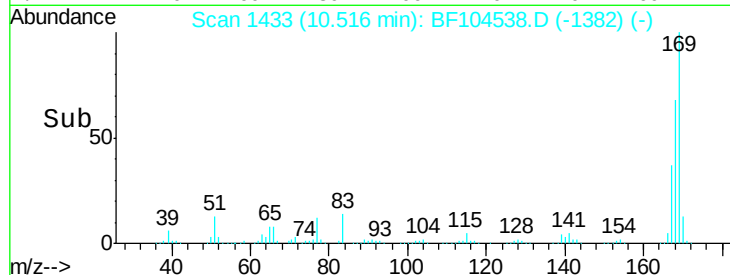
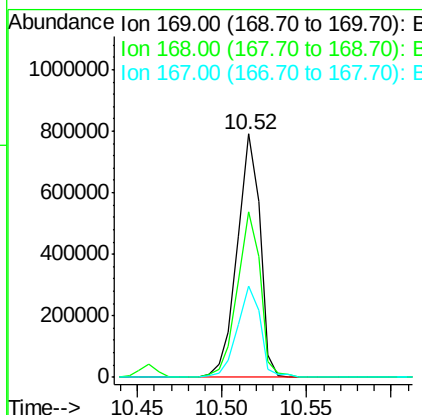
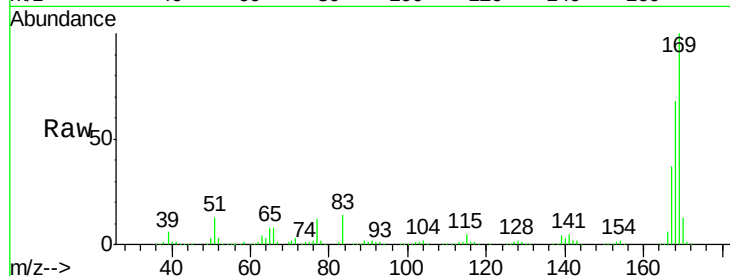




#65
 n-Nitrosodiphenylamine
 Concen: 40.372 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

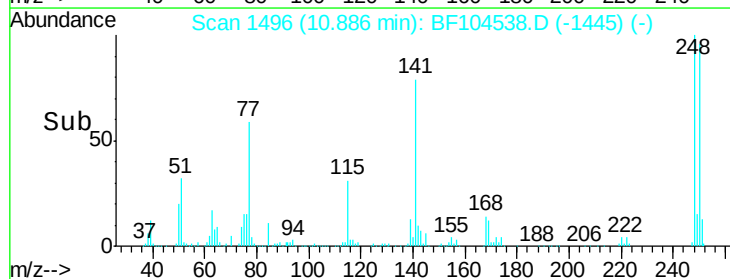
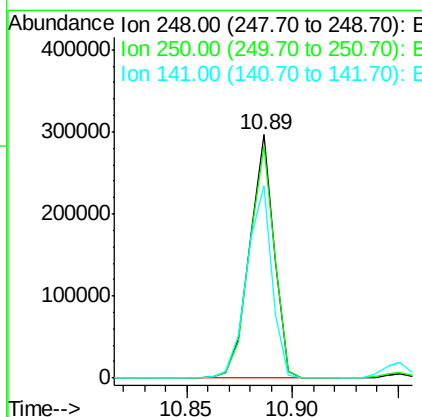
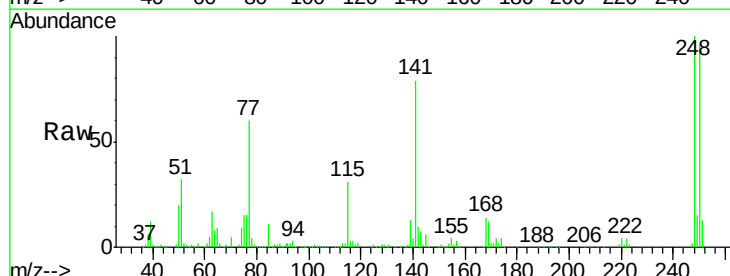
Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

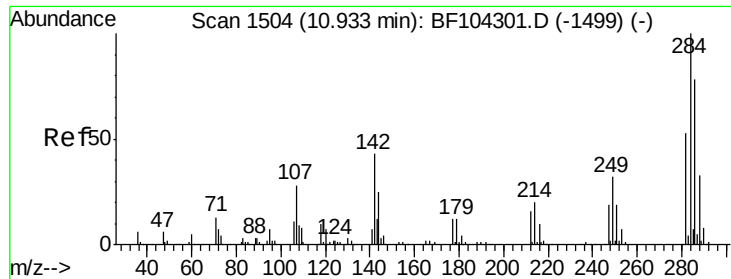
Tot Ion:169 Resp: 743317
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.457 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:248 Resp: 239808
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 79.3 74.4 111.6

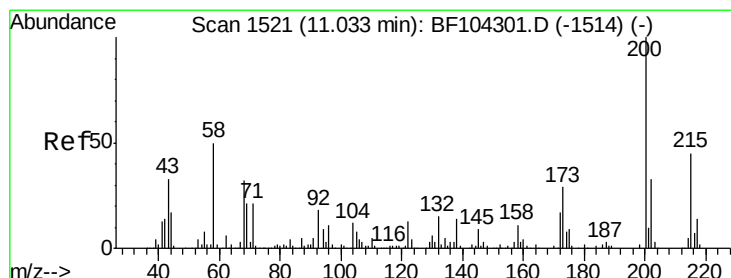
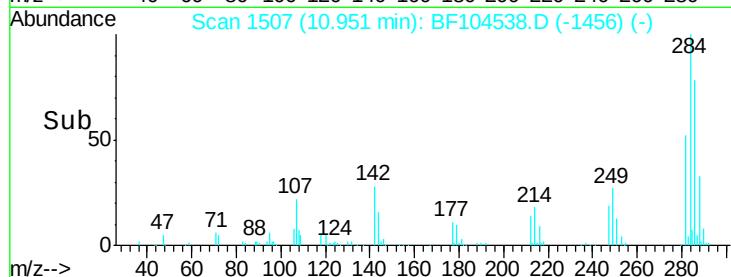
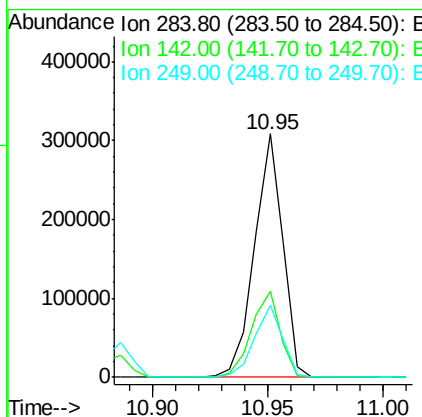
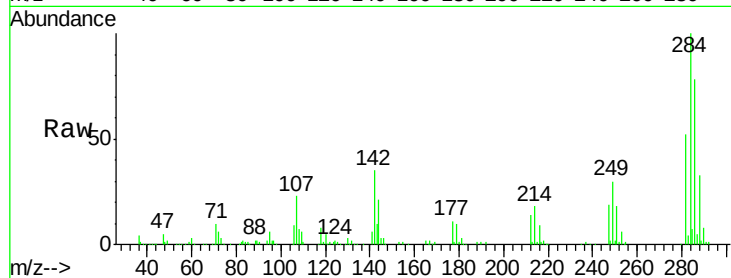




#67
Hexachlorobenzene
Concen: 41.661 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

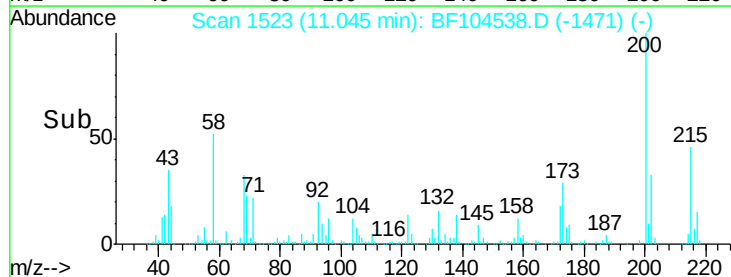
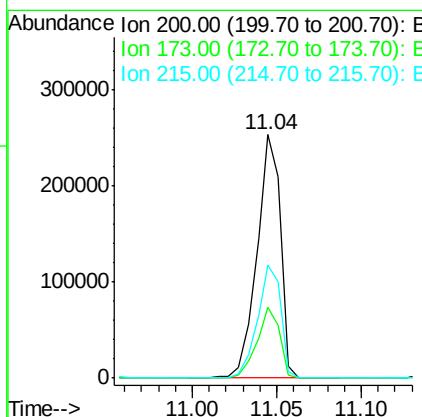
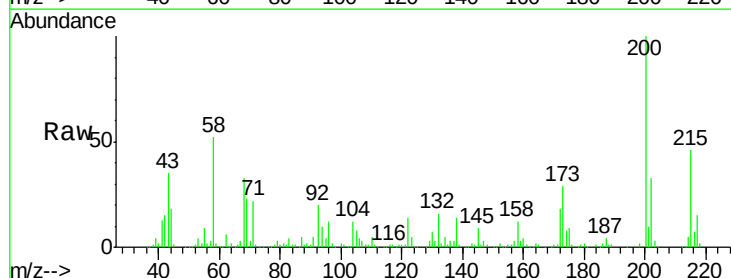
Instrument :
BNA_F
ClientSampleId :
PB108254BS

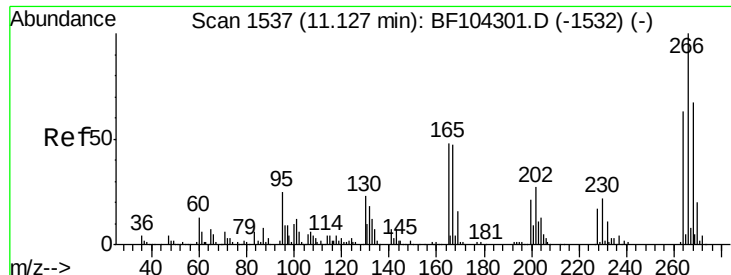
Tot Ion:284 Resp: 264777
Ion Ratio Lower Upper
284 100
142 35.4 34.6 52.0
249 29.6 24.8 37.2



#68
Atrazine
Concen: 44.046 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:200 Resp: 244784
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 46.2 25.1 65.1

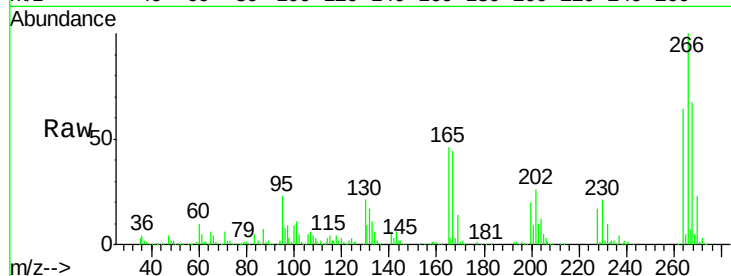




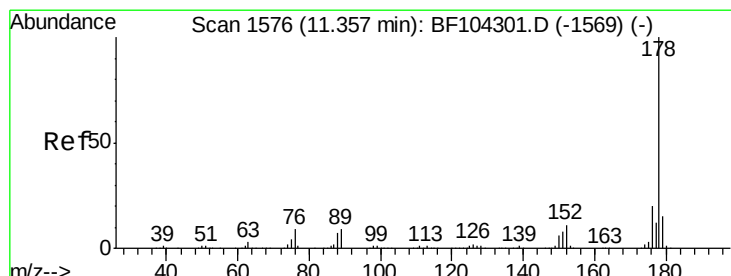
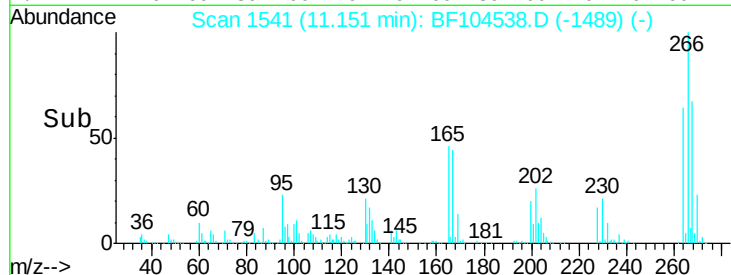
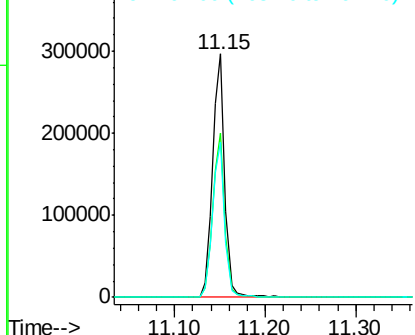
#69
 Pentachlorophenol
 Concen: 71.417 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:266 Resp: 280804
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 63.7 49.5 74.3

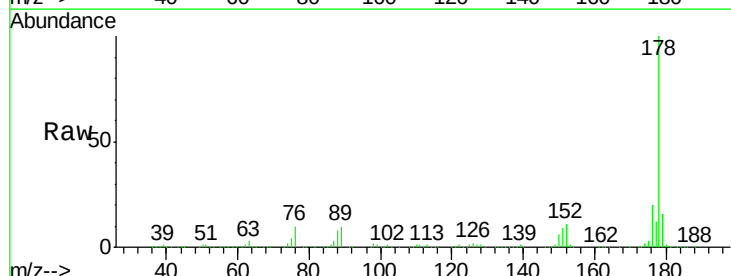


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

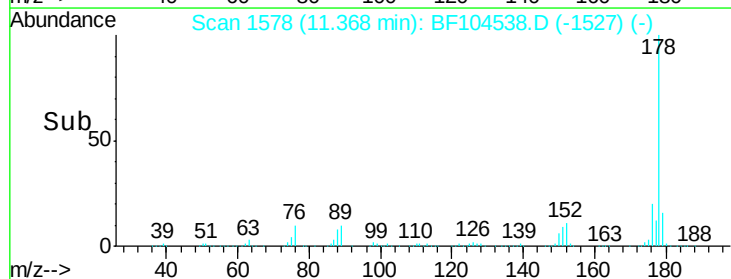
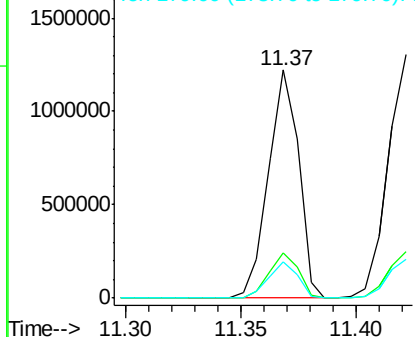


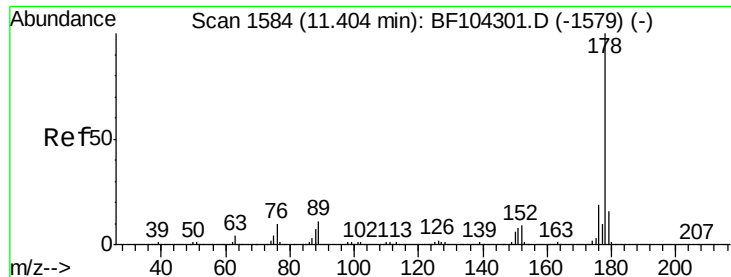
#70
 Phenanthrene
 Concen: 37.643 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:178 Resp: 1113169
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 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

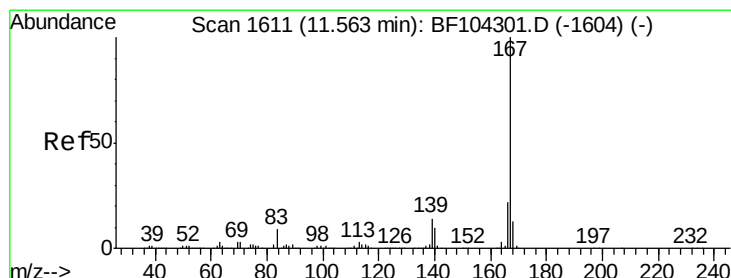
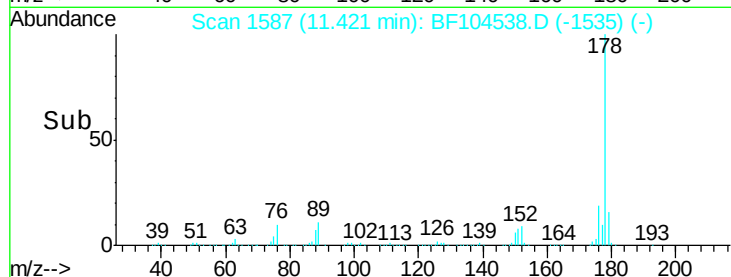
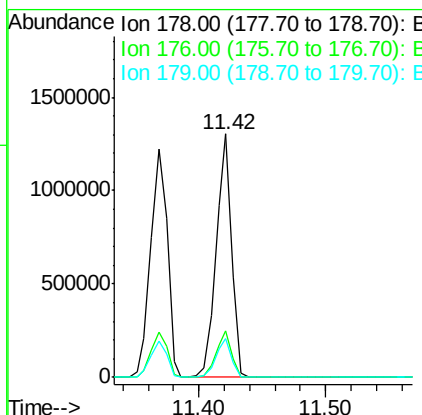
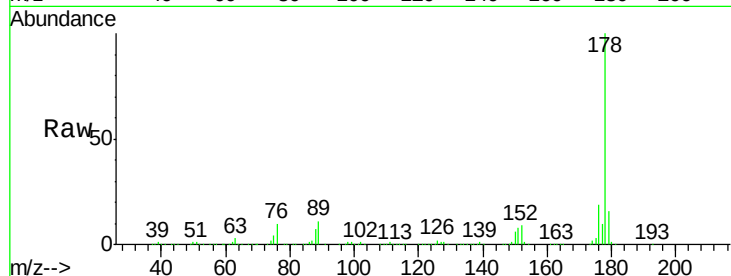




#71
 Anthracene
 Concen: 37.301 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

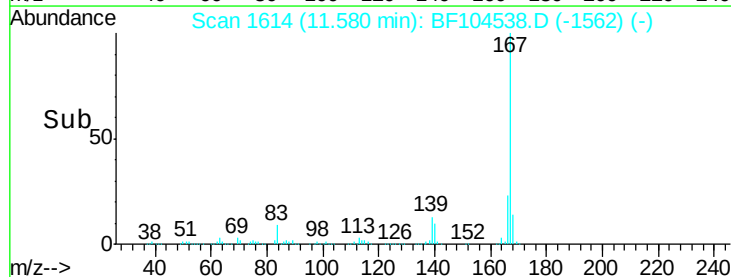
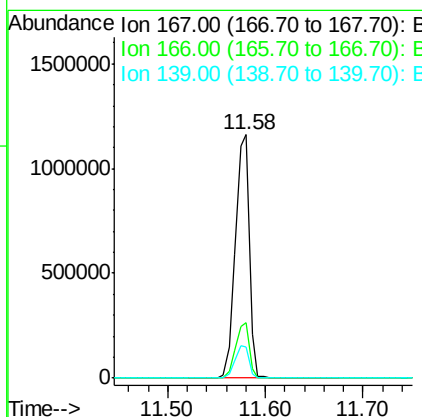
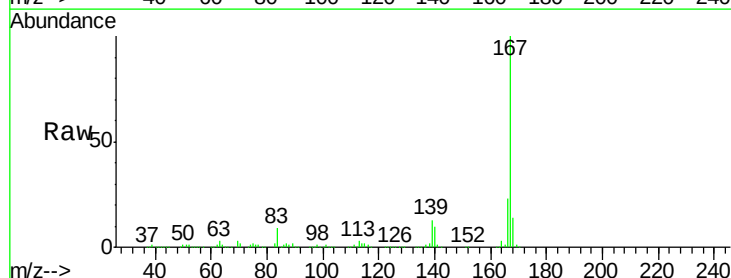
Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

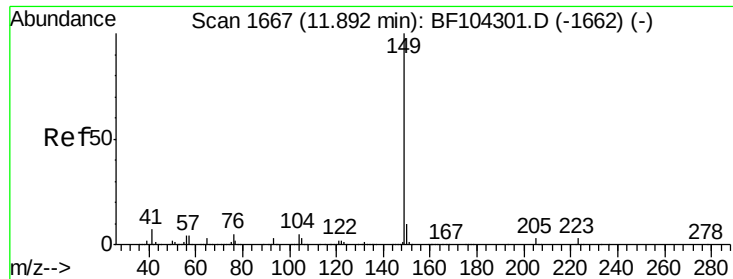
Tot Ion:178 Resp: 1121287
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.366 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:167 Resp: 1156343
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.835 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

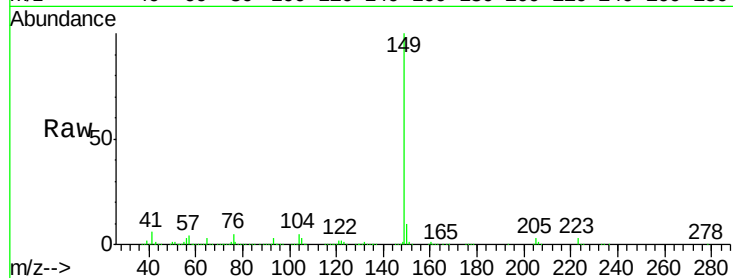
Tot Ion:149 Resp: 1393500

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

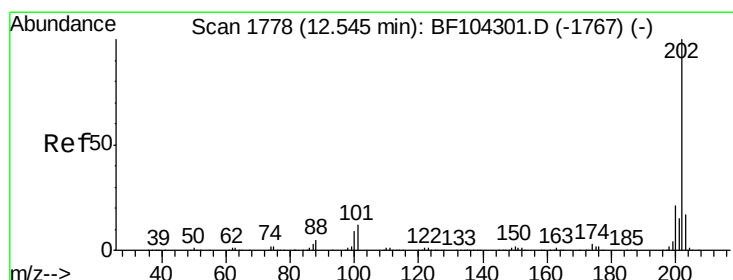
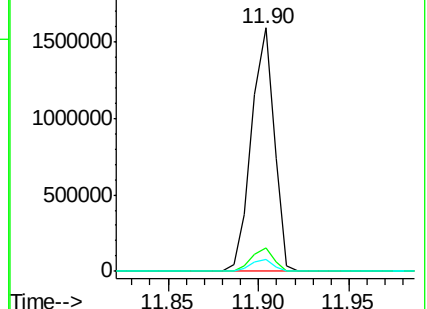
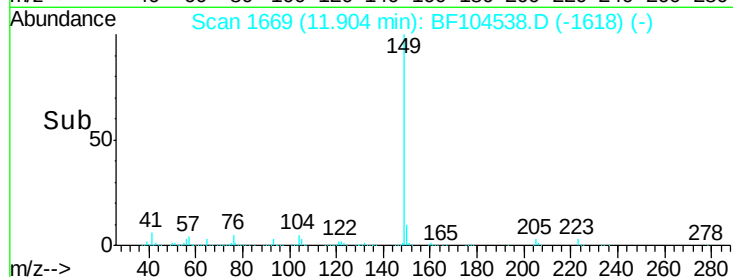
104 4.9 3.8 5.8



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: 37.036 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

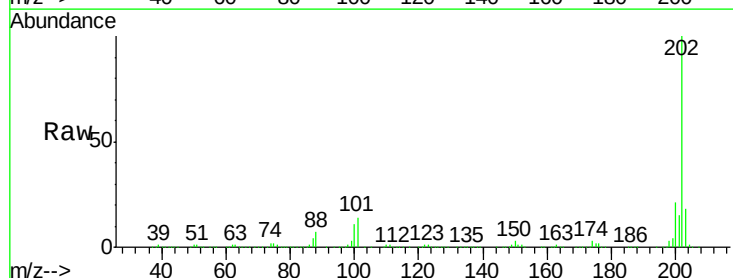
Tgt Ion:202 Resp: 1144315

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

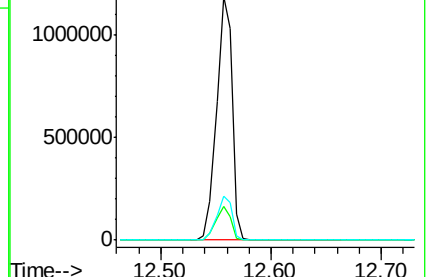
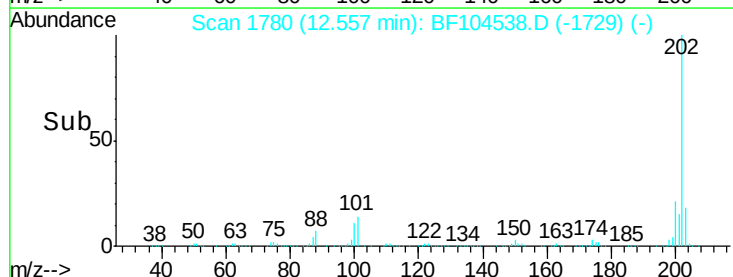
203 18.1 0.0 38.1

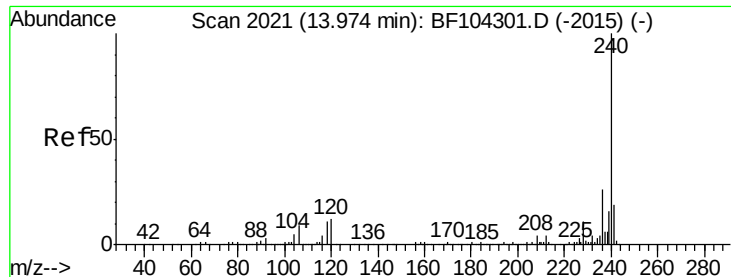


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

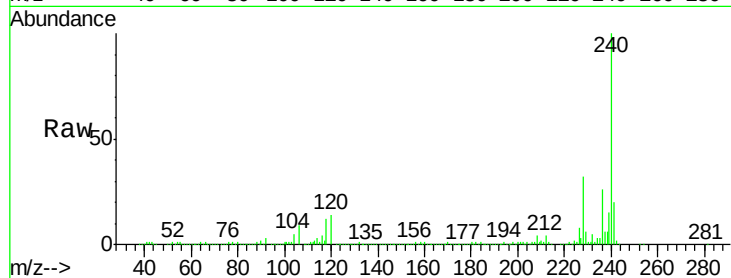
Tot Ion:240 Resp: 378858

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

236 26.4 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

13.99

400000

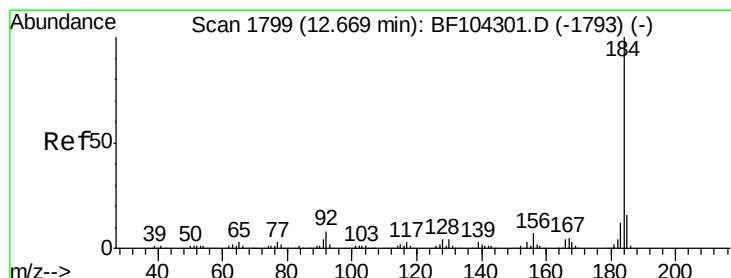
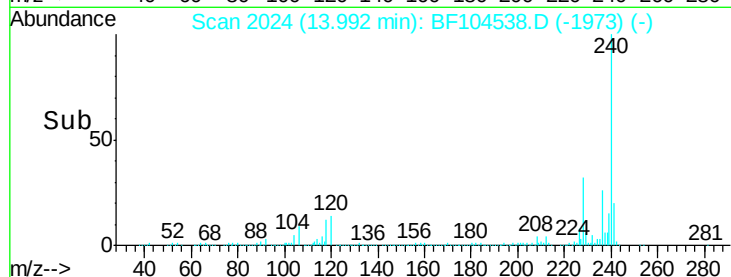
300000

200000

100000

0

Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 31.523 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

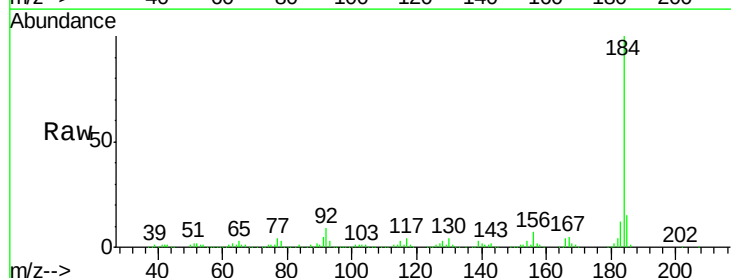
Tgt Ion:184 Resp: 431383

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.2 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

12.68

600000

500000

400000

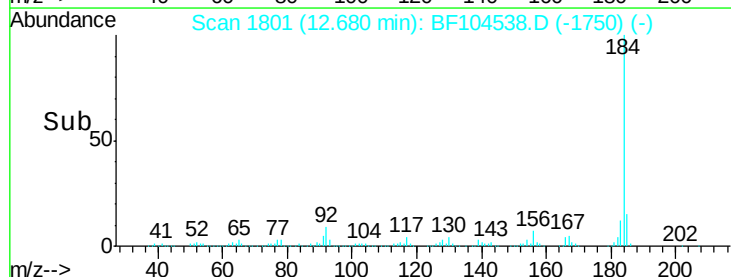
300000

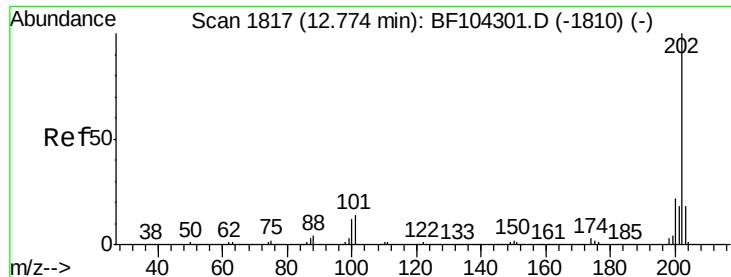
200000

100000

0

Time--> 12.60 12.70 12.80

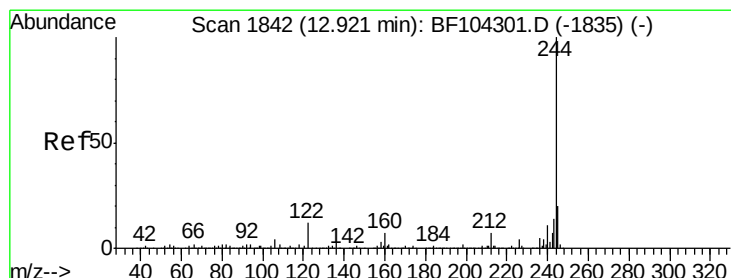
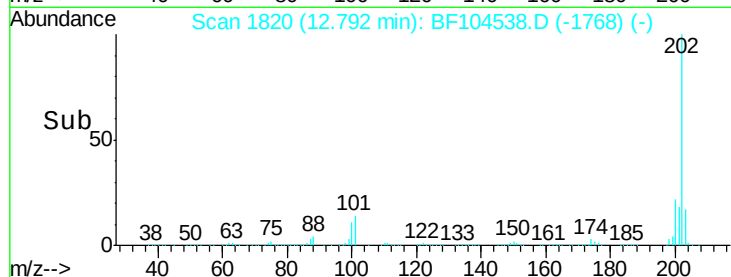
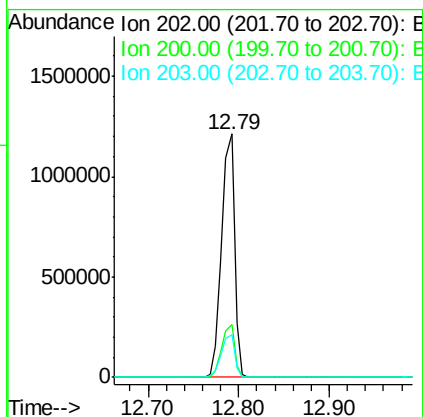
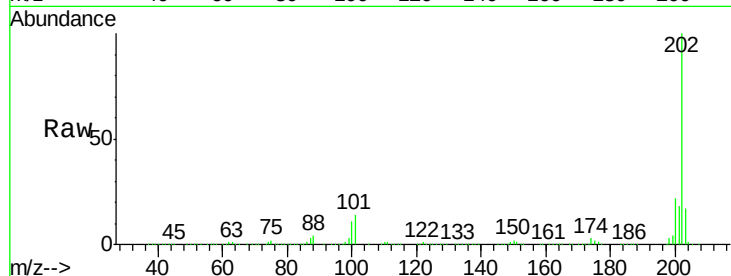




#77
Pvrene
Concen: 42.056 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

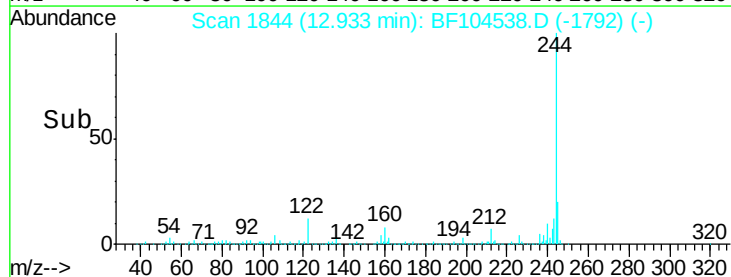
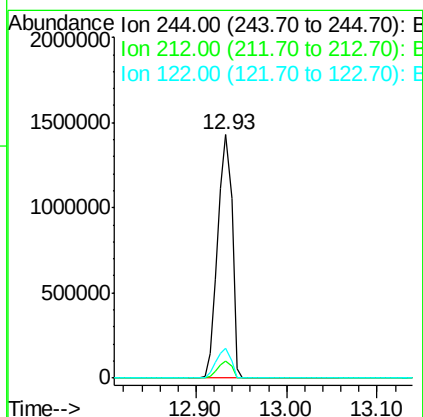
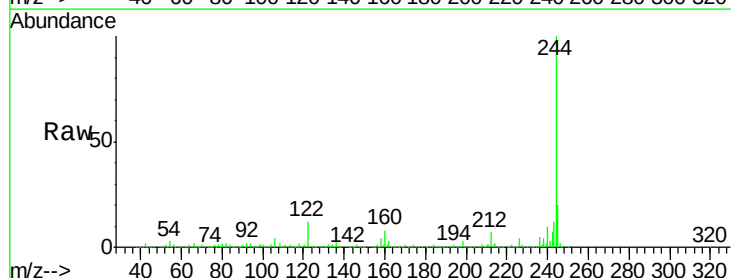
Instrument :
BNA_F
ClientSampleId :
PB108254BS

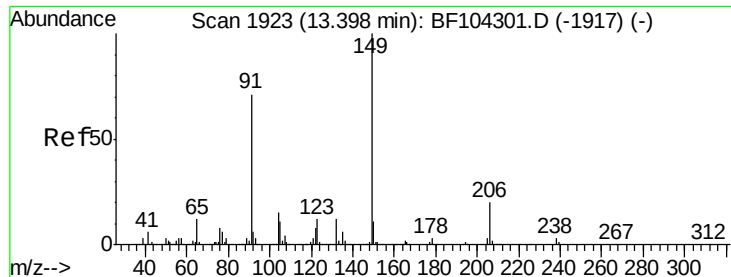
Tot Ion:202 Resp: 1181040
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 93.879 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:244 Resp: 1560059
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.0 11.0 16.4

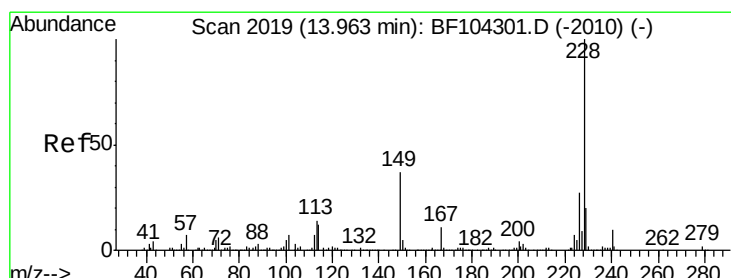
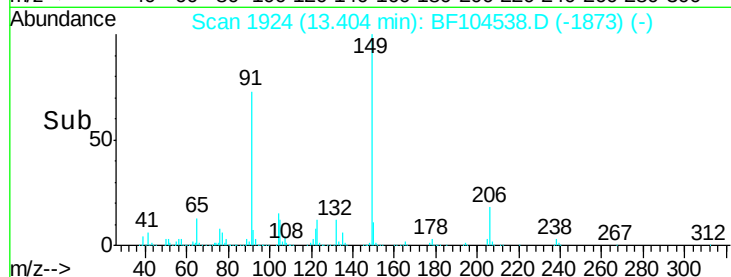
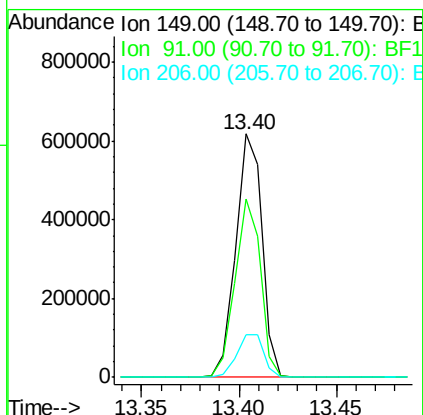
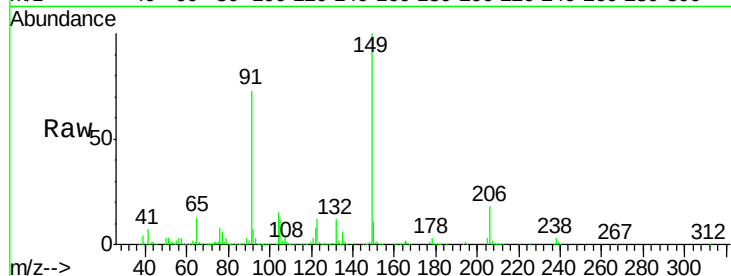




#79
Butylbenzylphthalate
Concen: 43.625 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

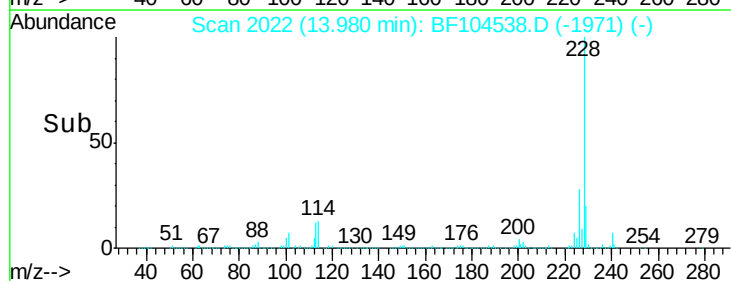
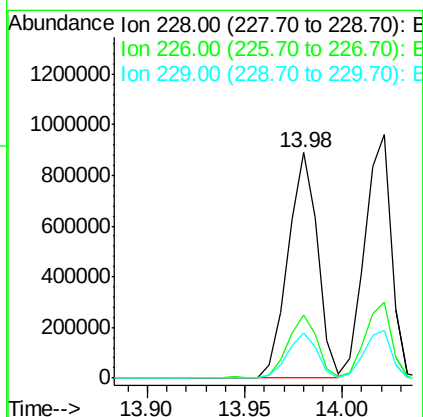
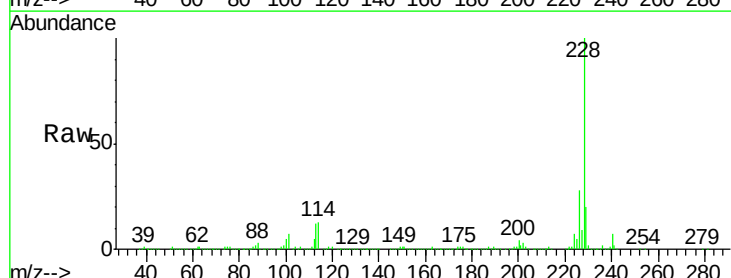
Instrument :
BNA_F
ClientSampleId :
PB108254BS

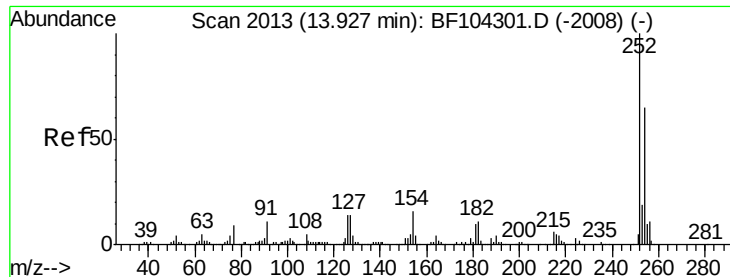
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.102 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.044 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

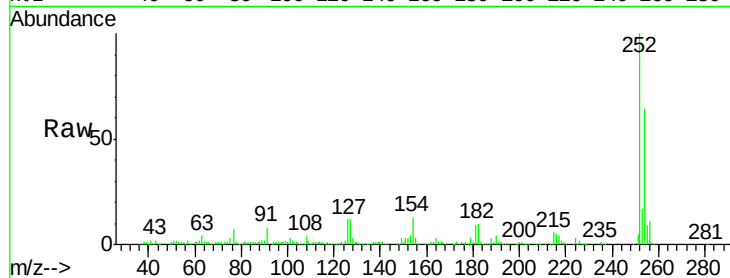
Tot Ion:252 Resp: 261976

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

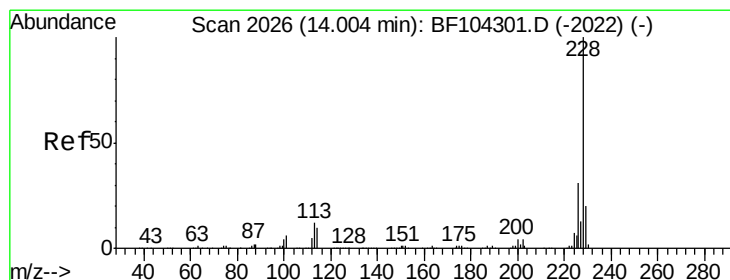
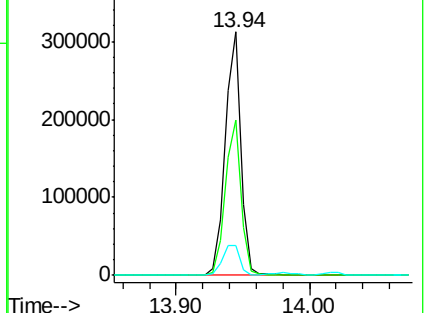
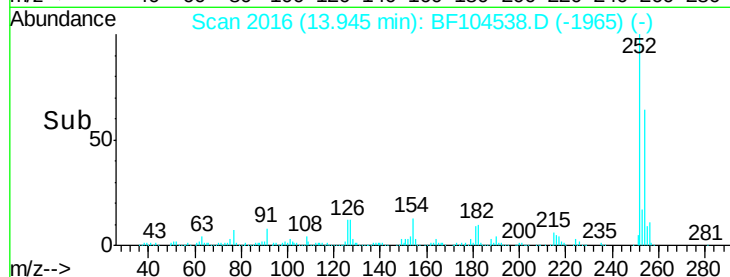
126 12.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.219 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

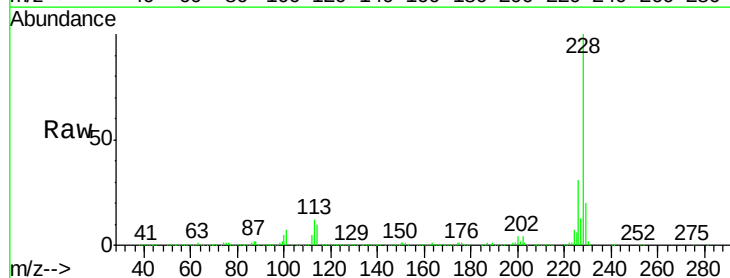
Tgt Ion:228 Resp: 911769

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

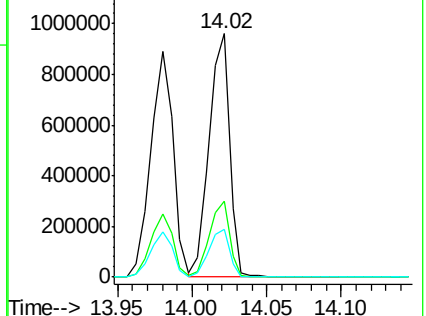
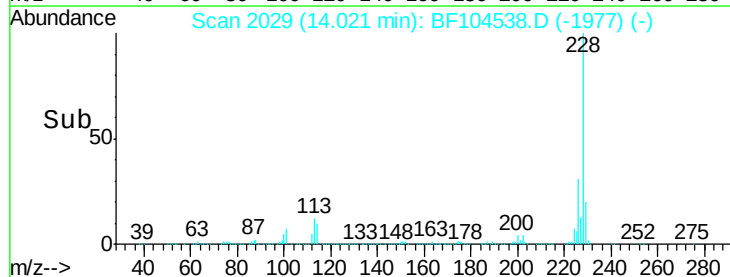
229 19.7 16.2 24.4

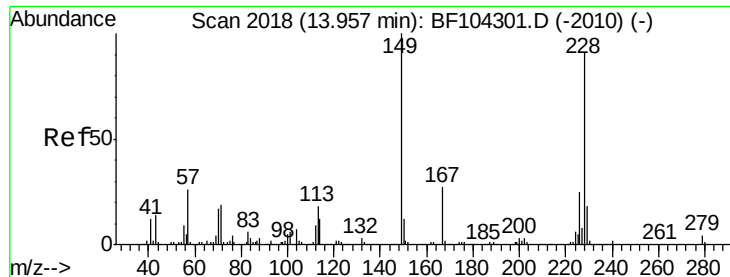


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.915 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

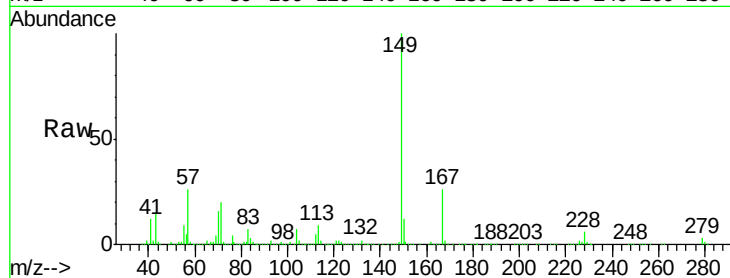
Tot Ion:149 Resp: 747298

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

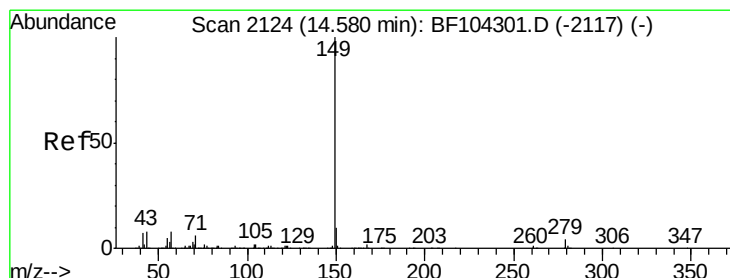
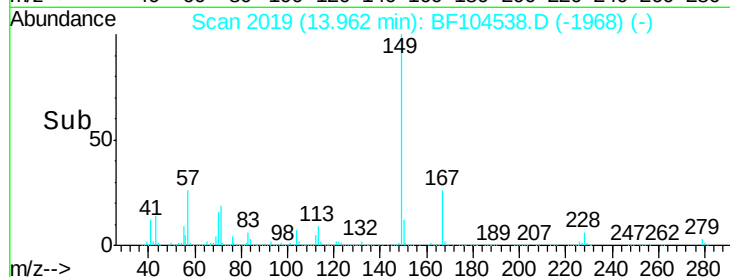
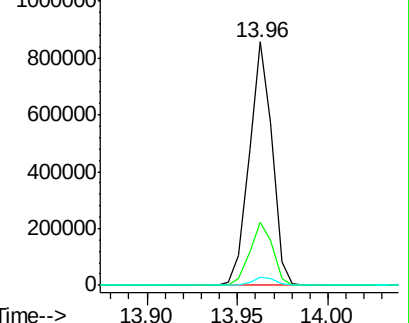
279 3.3 3.0 4.4



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: 40.049 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

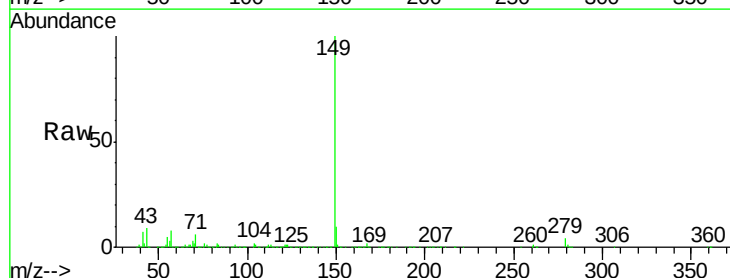
Tgt Ion:149 Resp: 1138746

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

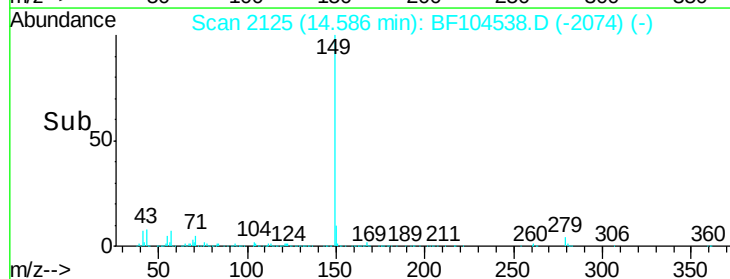
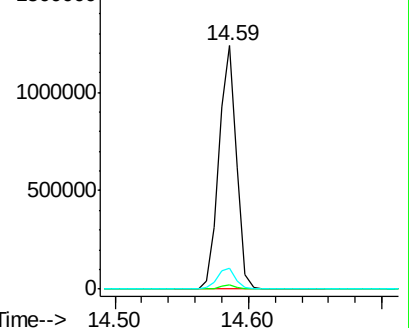
43 8.6 8.4 12.6

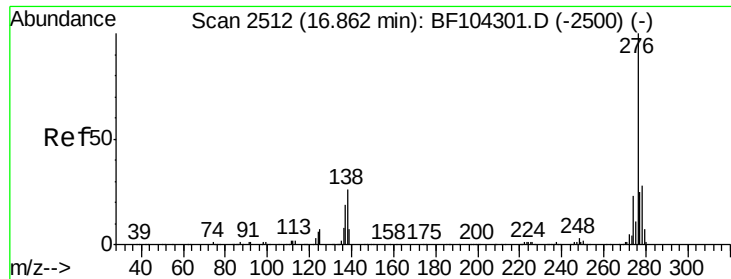


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

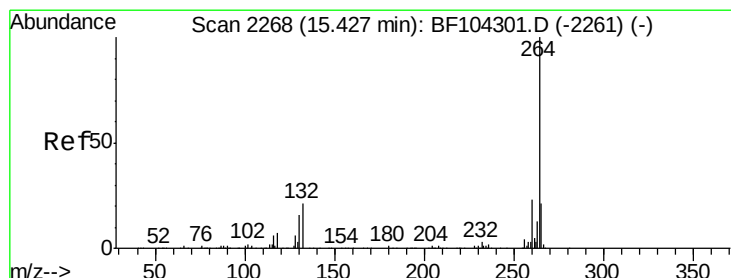
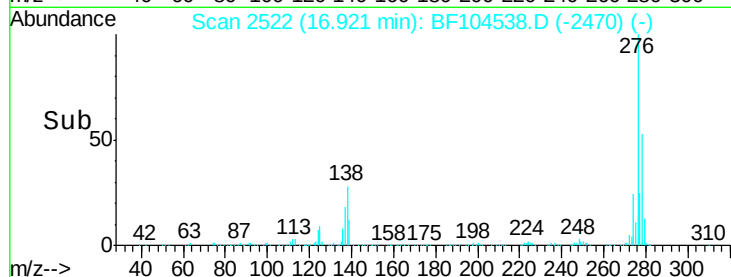
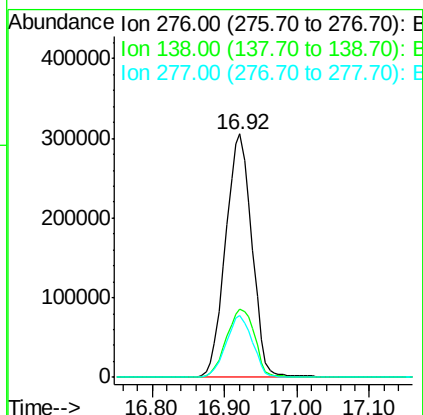
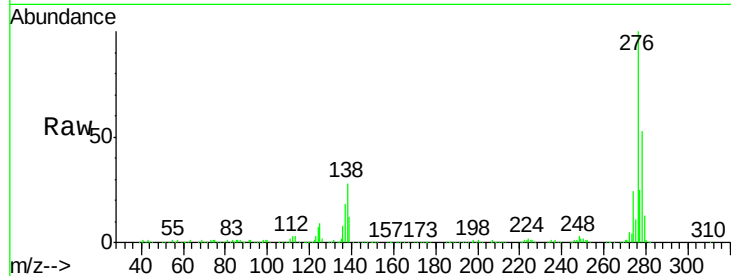




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.133 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

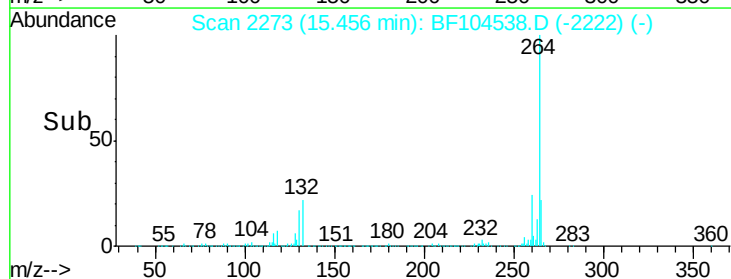
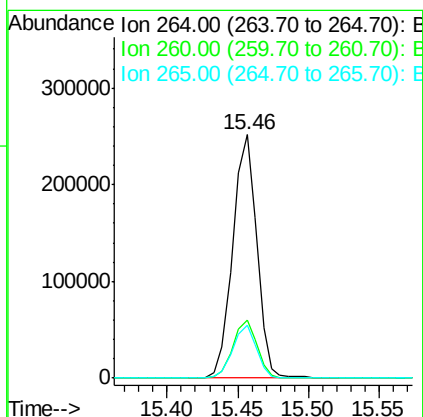
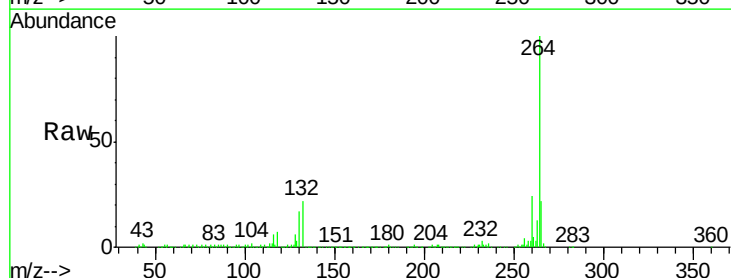
Instrument :
BNA_F
ClientSampleId :
PB108254BS

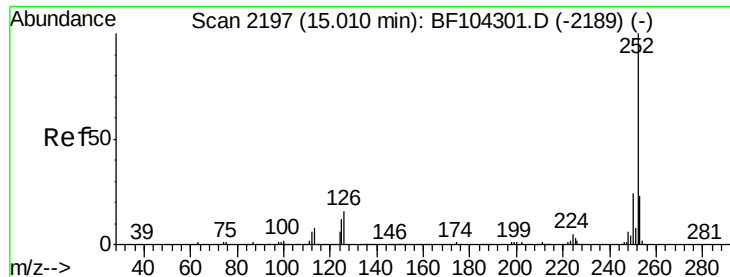
Tot Ion:276 Resp: 772825
Ion Ratio Lower Upper
276 100
138 30.4 25.0 37.6
277 25.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:264 Resp: 300188
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.6 17.5 26.3

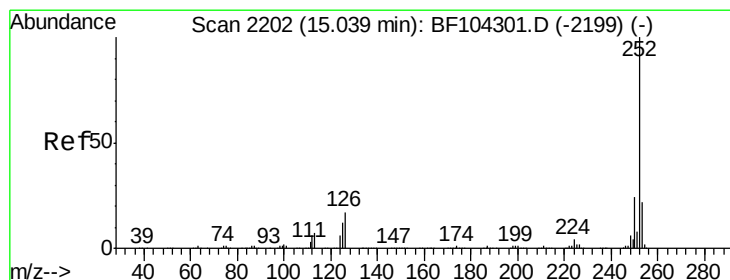
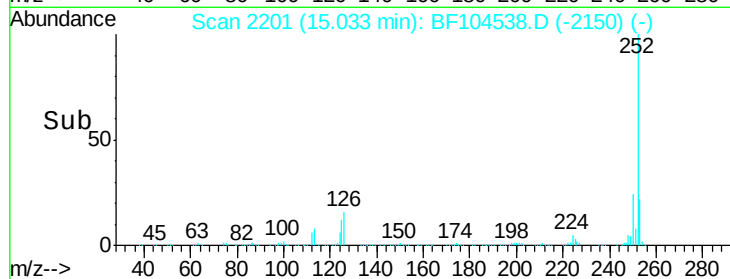
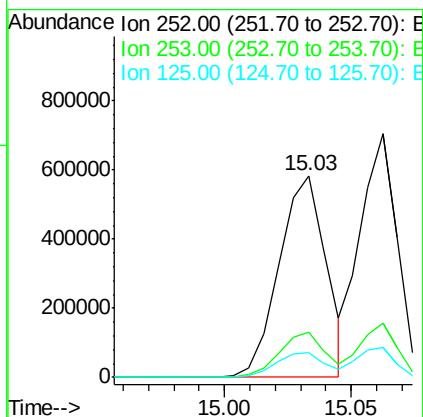
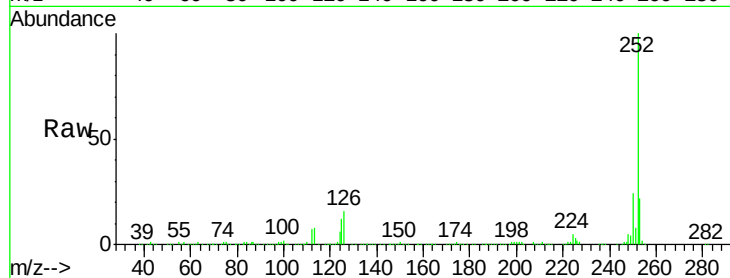




#87
Benzo(b)fluoranthene
Concen: 39.597 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

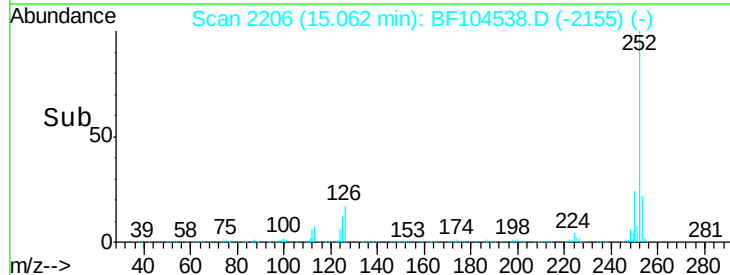
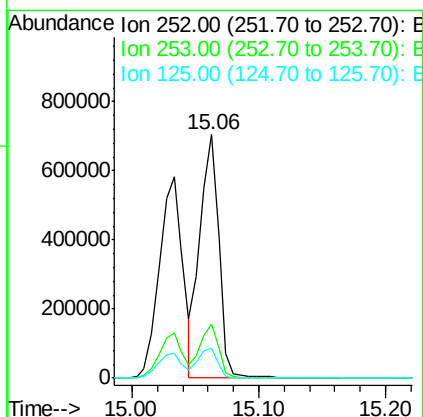
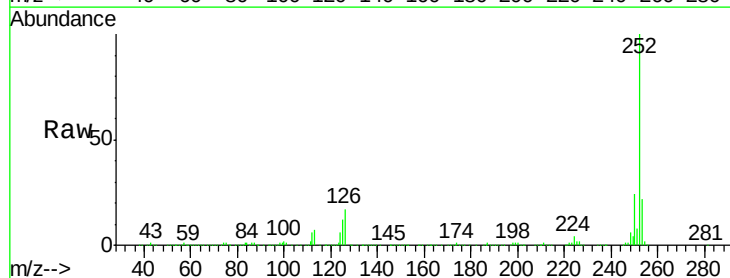
Instrument :
BNA_F
ClientSampleId :
PB108254BS

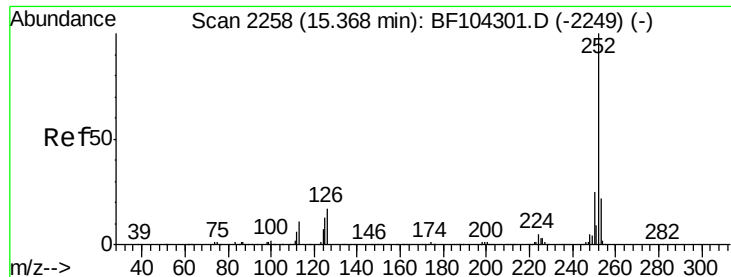
Tot Ion:252 Resp: 750742
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.764 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:252 Resp: 729651
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.667 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

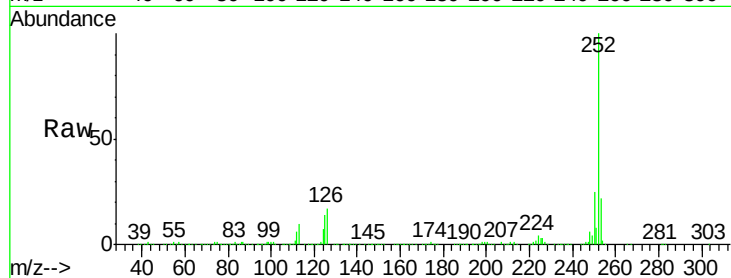
Tot Ion:252 Resp: 672912

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

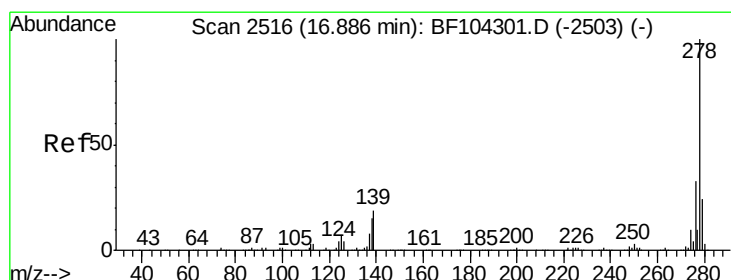
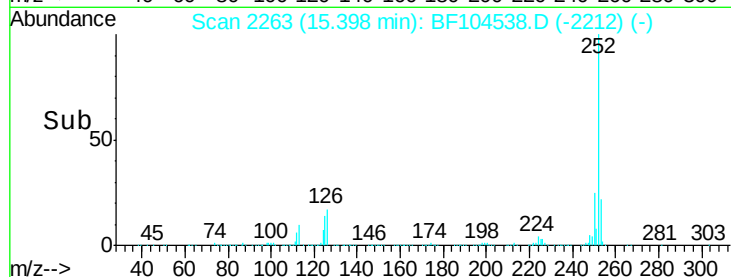
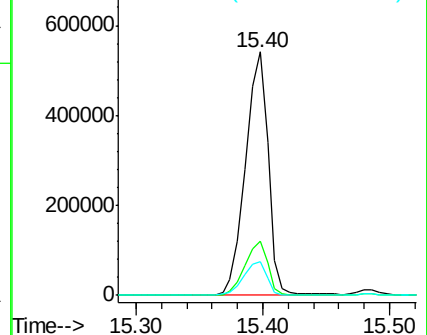
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.733 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

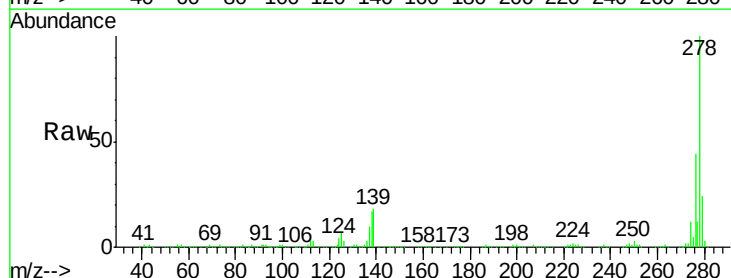
Tgt Ion:278 Resp: 637179

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

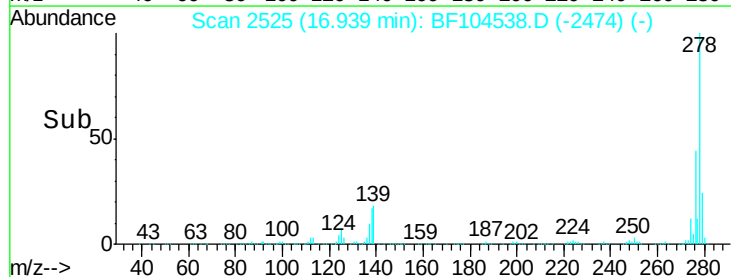
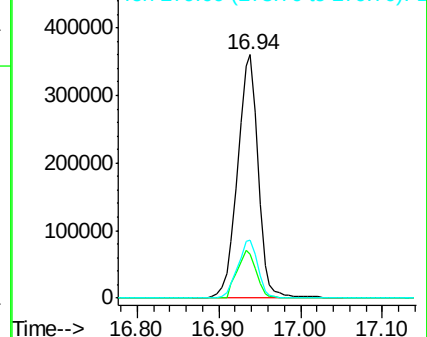
279 24.0 19.0 28.4

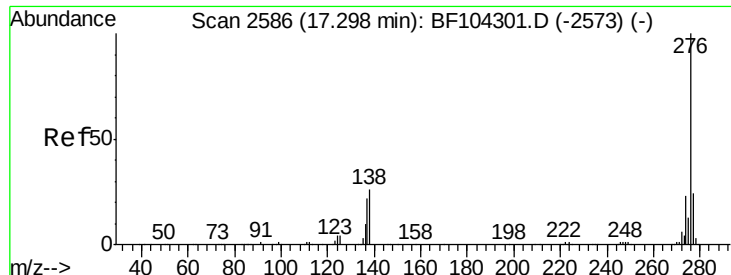


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.719 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF104538.D

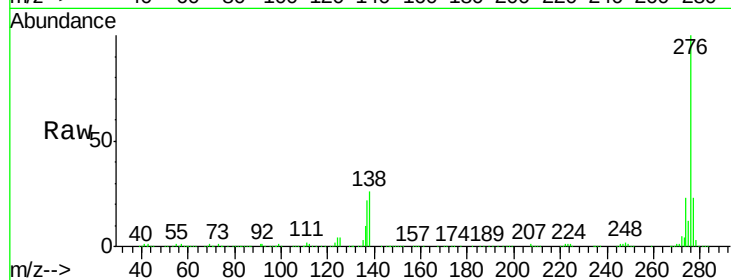
Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS



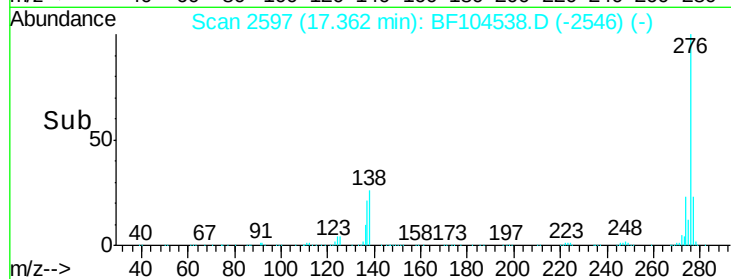
Tot Ion:276 Resp: 671112

Ion Ratio Lower Upper

276 100

277 23.2 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

