

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104529.D
 Acq On : 16 Apr 2018 12:59
 Operator : JU/SJ
 Sample : PB108229BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Quant Time: Apr 16 13:43:26 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	138305	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629190	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	278673	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	427821	20.00	ng	0.00
75) Chrysene-d12	13.99	240	266113	20.00	ng	0.00
86) Perylene-d12	15.46	264	221047	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	819145	90.56	ng	0.02
7) Phenol-d6	6.46	99	961386	86.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	852456	88.47	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	248080	85.82	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1416064	80.27	ng	0.00
78) Terphenyl-d14	12.93	244	1049130	89.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	188780	44.791	ng	89
3) Pyridine	3.36	79	513907	43.369	ng	86
4) n-Nitrosodimethylamine	3.33	42	193695	46.761	ng	80
6) Aniline	6.47	93	415933	26.938	ng	# 89
8) 2-Chlorophenol	6.60	128	431267	45.174	ng	92
9) Benzaldehyde	6.36	77	24672	2.104	ng	94
10) Phenol	6.47	94	501185	42.503	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	408850	43.449	ng	94
12) 1,3-Dichlorobenzene	6.75	146	453069	41.891	ng	98
13) 1,4-Dichlorobenzene	6.83	146	477126	44.255	ng	100
14) 1,2-Dichlorobenzene	6.98	146	476506	47.694	ng	99
15) Benzyl Alcohol	6.96	79	395946	46.907	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	606457	47.990	ng	85
17) 2-Methylphenol	7.07	107	405878	48.909	ng	94
18) Hexachloroethane	7.32	117	179496	46.696	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	317075	43.661	ng	96
20) 3+4-Methylphenols	7.23	107	455401	44.247	ng	# 76
22) Acetophenone	7.22	105	623838	40.273	ng	97
24) Nitrobenzene	7.40	77	504720	47.443	ng	98
25) Isophorone	7.63	82	945411	46.398	ng	98
26) 2-Nitrophenol	7.71	139	245884	56.774	ng	98
27) 2,4-Dimethylphenol	7.76	122	442707	49.230	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	604599	48.531	ng	99
29) 2,4-Dichlorophenol	7.96	162	399195	46.525	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	407972	43.325	ng	98
31) Naphthalene	8.12	128	1360286	43.418	ng	100
32) Benzoic acid	7.89	122	294620	41.062	ng	97
33) 4-Chloroaniline	8.17	127	378237	28.180	ng	97
34) Hexachlorobutadiene	8.23	225	220545	42.760	ng	98
35) Caprolactam	8.55	113	124513	41.598	ng	# 82
36) 4-Chloro-3-methylphenol	8.66	107	424394	46.128	ng	99
37) 2-Methylnaphthalene	8.81	142	886211	43.729	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	371511	46.572	ng	98
40) Hexachlorocyclopentadiene	8.96	237	203210	45.502	ng	98

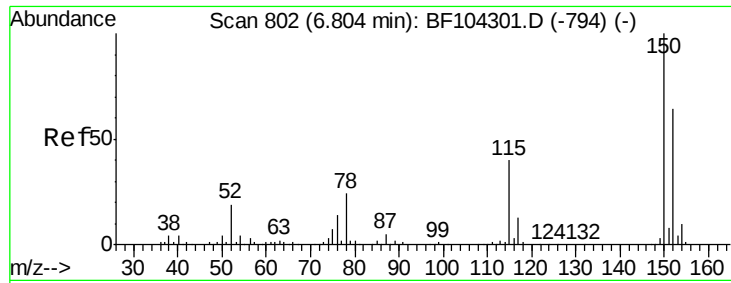
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	260693	47.076	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	265474	42.840	ng	98
45) 1,1'-Biphenyl	9.27	154	1025670	43.812	ng	100
46) 2-Chloronaphthalene	9.30	162	802712	43.410	ng	98
47) 2-Nitroaniline	9.40	65	261600	57.207	ng	97
48) Acenaphthylene	9.72	152	1210016	41.707	ng	100
49) Dimethylphthalate	9.58	163	993158	45.194	ng	100
50) 2,6-Dinitrotoluene	9.65	165	210623	51.797	ng	90
51) Acenaphthene	9.89	154	707406	39.963	ng	100
52) 3-Nitroaniline	9.81	138	191866	40.304	ng	97
53) 2,4-Dinitrophenol	9.92	184	48028	39.040	ng	# 23
54) Dibenzofuran	10.06	168	1048927	42.521	ng	98
55) 4-Nitrophenol	9.99	139	324671	86.822	ng	96
56) 2,4-Dinitrotoluene	10.05	165	259438	48.640	ng	90
57) Fluorene	10.40	166	772185	43.005	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	201781	43.646	ng	96
59) Diethylphthalate	10.28	149	924678	42.249	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	367513	45.959	ng	94
61) 4-Nitroaniline	10.43	138	213993	45.974	ng	97
62) Azobenzene	10.56	77	858823	41.073	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	32665	20.625	ng	78
65) n-Nitrosodiphenylamine	10.52	169	730617	49.254	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	227234	49.934	ng	94
67) Hexachlorobenzene	10.95	284	233475	45.597	ng	96
68) Atrazine	11.05	200	222454	49.683	ng	99
69) Pentachlorophenol	11.15	266	210905	66.579	ng	96
70) Phenanthrene	11.37	178	1020155	42.819	ng	99
71) Anthracene	11.42	178	1046407	43.207	ng	100
72) Carbazole	11.58	167	937120	39.598	ng	100
73) Di-n-butylphthalate	11.90	149	1286683	44.508	ng	99
74) Fluoranthene	12.56	202	899880	36.151	ng	97
76) Benzidine	12.69	184	674832	Below	Cal	98
77) Pyrene	12.79	202	879706	44.598	ng	99
79) Butylbenzylphthalate	13.41	149	438628	47.201	ng	94
80) Benzo(a)anthracene	13.98	228	741368	46.633	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	282258	47.618	ng	97
82) Chrysene	14.02	228	719067	44.035	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	593575	49.659	ng	98
84) Di-n-octyl phthalate	14.59	149	977138	48.925	ng	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	540935	38.996	ng	98
87) Benzo(b)fluoranthene	15.04	252	673082	48.212	ng	100
88) Benzo(k)fluoranthene	15.07	252	616637	46.784	ng	98
89) Benzo(a)pyrene	15.40	252	585871	46.901	ng	99
90) Dibenzo(a,h)anthracene	16.94	278	454531	44.304	ng	98
91) Benzo(g,h,i)perylene	17.37	276	433817	43.645	ng	98

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

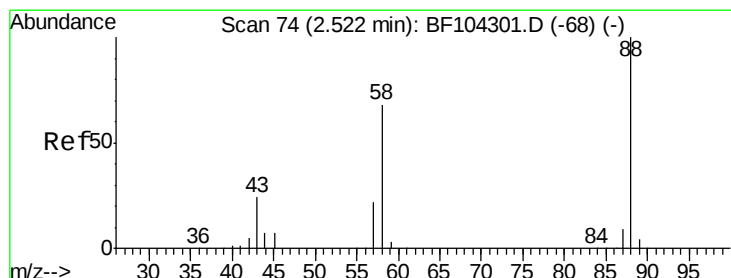
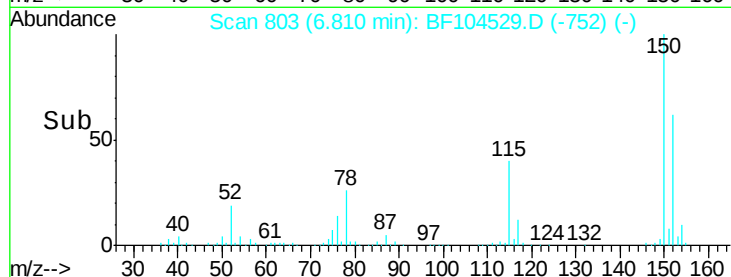
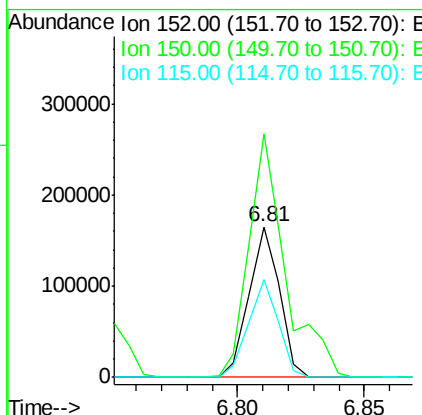
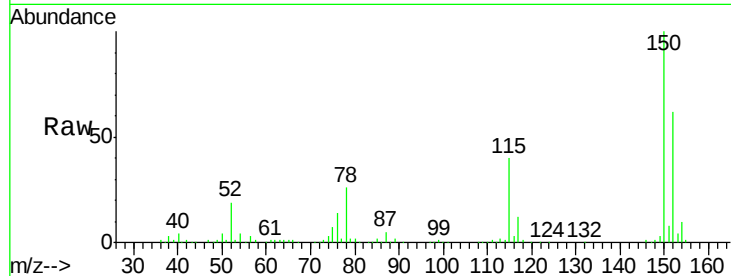


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

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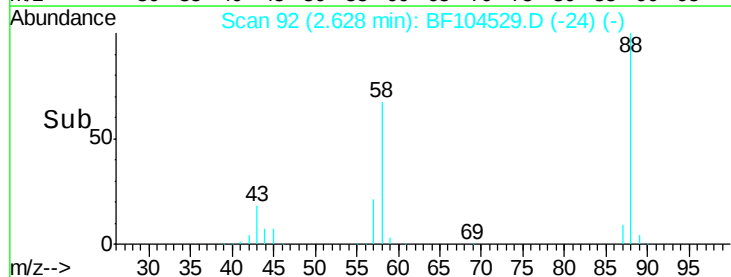
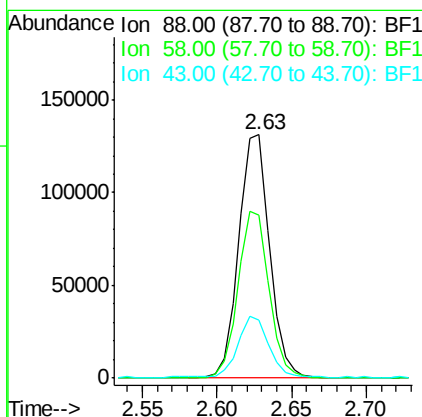
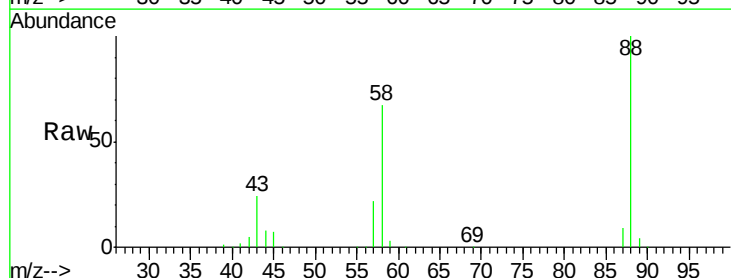
Tot Ion:152 Resp: 138305
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 64.8 50.1 75.1

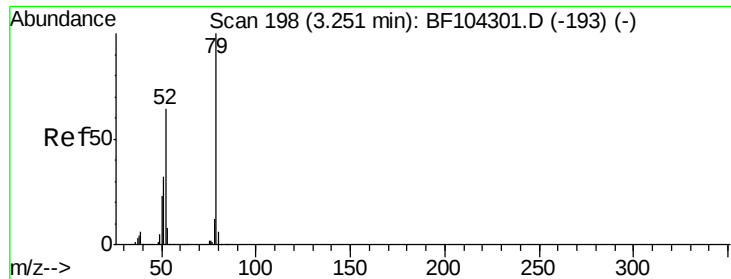


#2

1,4-Dioxane
Concen: 44.791 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.10 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion: 88 Resp: 188780
Ion Ratio Lower Upper
88 100
58 68.8 62.6 93.8
43 24.9 24.6 37.0





#3

Pvridine

Concen: 43.369 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.09 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

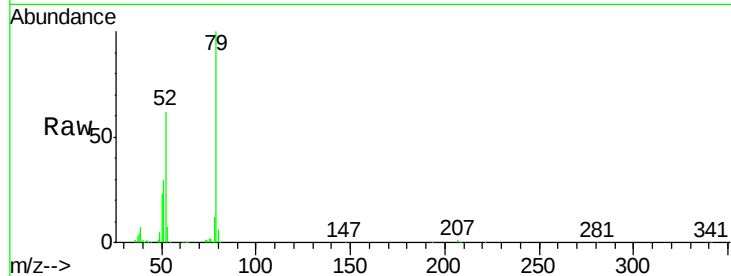
Tot Ion: 79 Resp: 513907

Ion Ratio Lower Upper

79 100

52 61.8 59.8 89.6

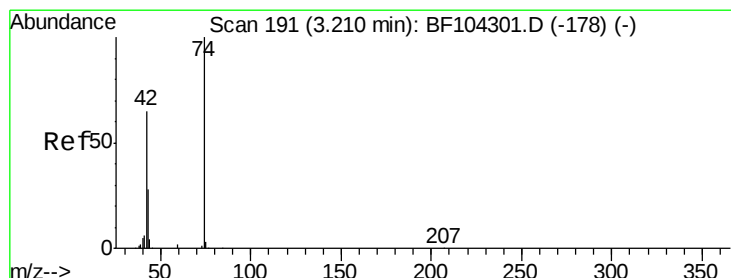
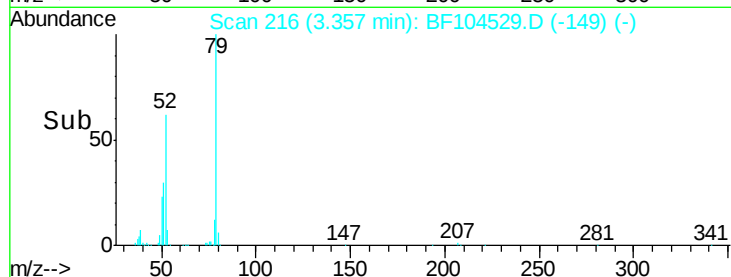
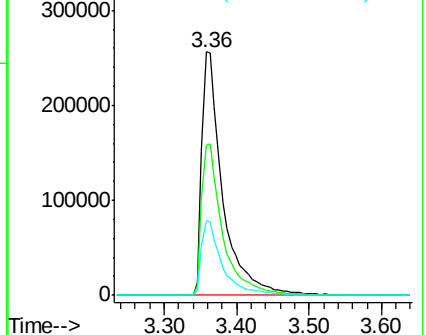
51 30.4 29.8 44.8



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: 46.761 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.10 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

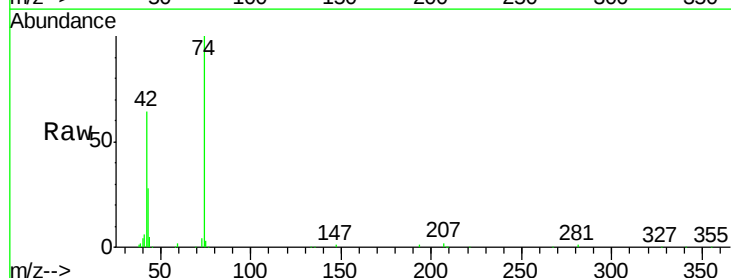
Tgt Ion: 42 Resp: 193695

Ion Ratio Lower Upper

42 100

74 156.4 104.9 157.3

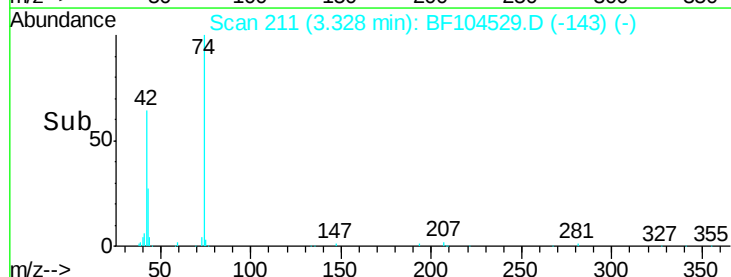
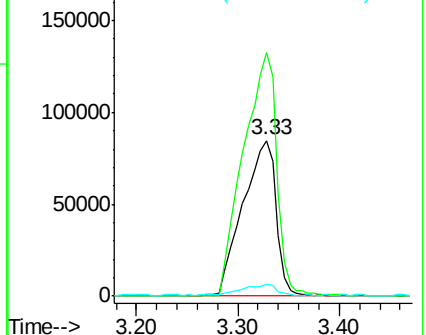
44 7.5 6.9 10.3



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: 90.562 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

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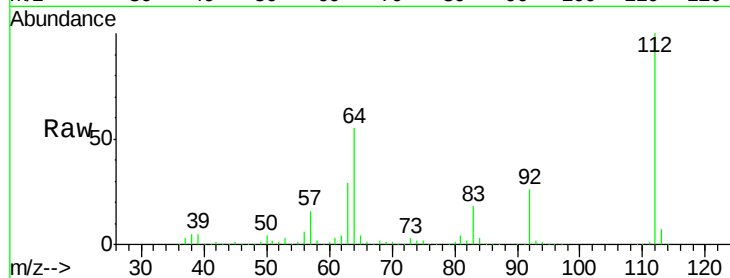
Tot Ion: 112 Resp: 819145

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

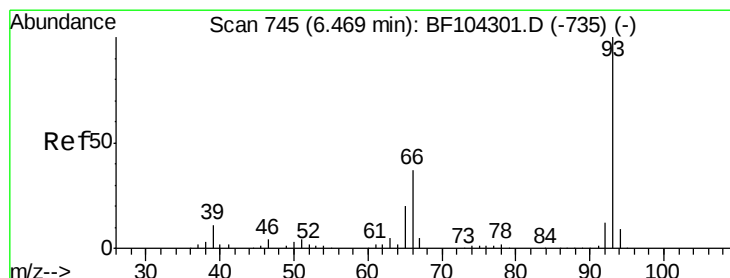
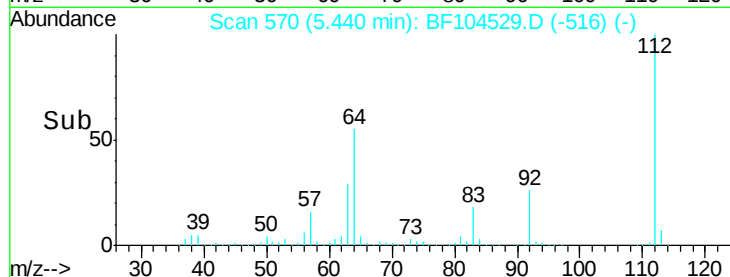
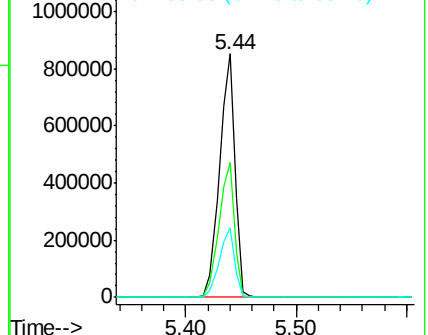
63 28.5 23.7 35.5



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: 26.938 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

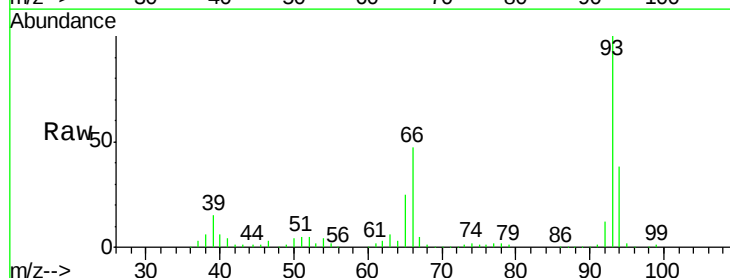
Tgt Ion: 93 Resp: 415933

Ion Ratio Lower Upper

93 100

66 46.8 32.2 48.2

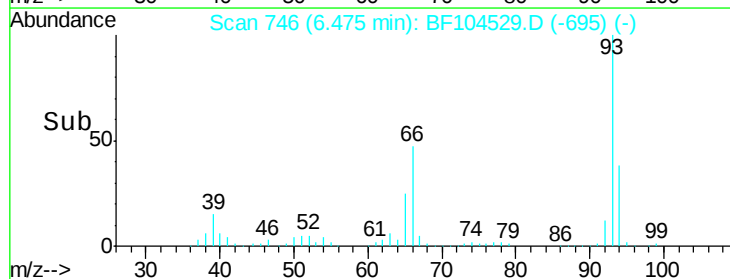
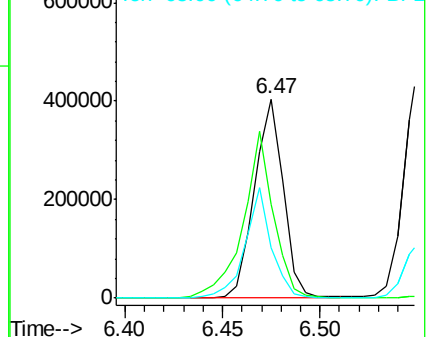
65 25.3 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.506 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

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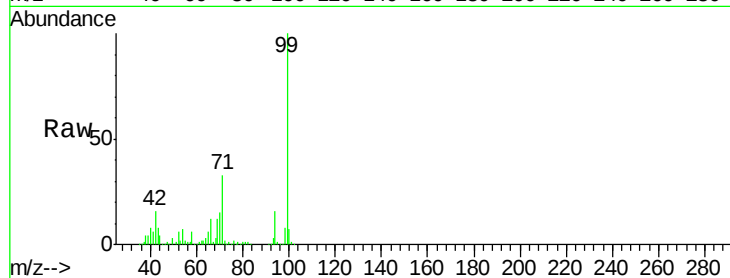
Tot Ion: 99 Resp: 961386

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

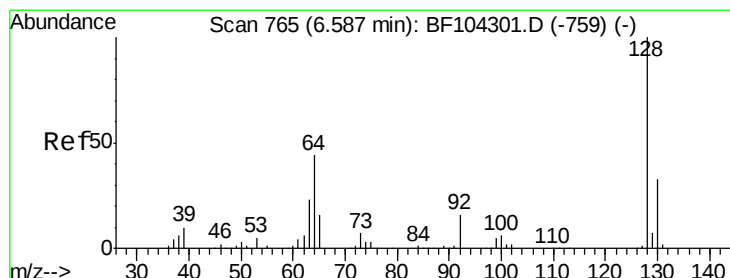
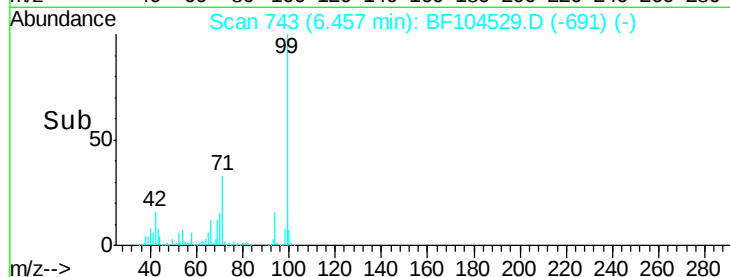
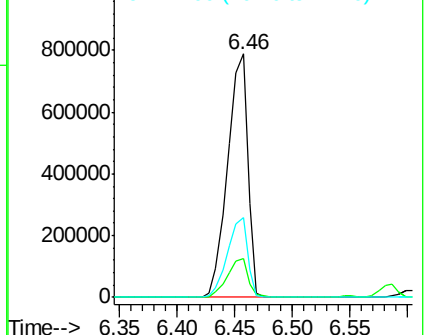
71 32.8 25.4 38.0



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: 45.174 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

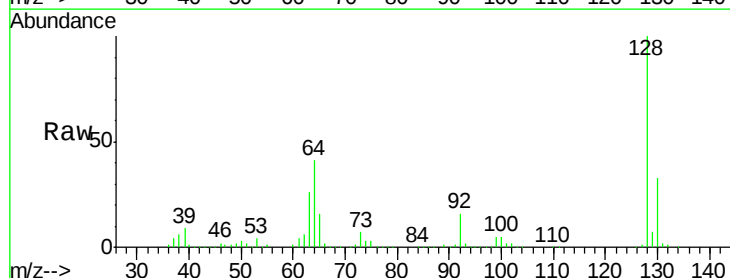
Tgt Ion: 128 Resp: 431267

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

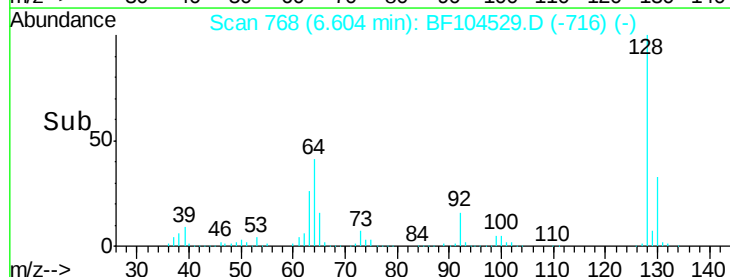
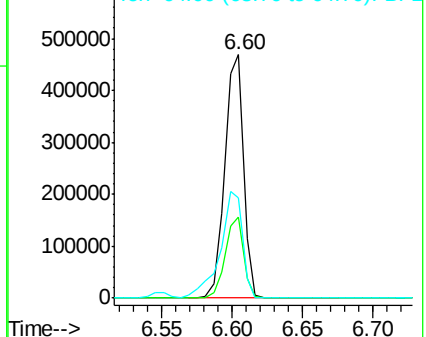
64 41.1 29.4 69.4



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: 2.104 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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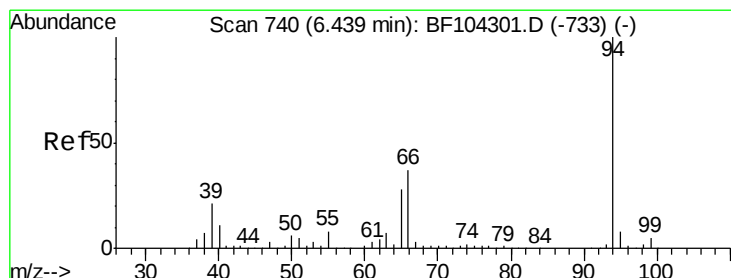
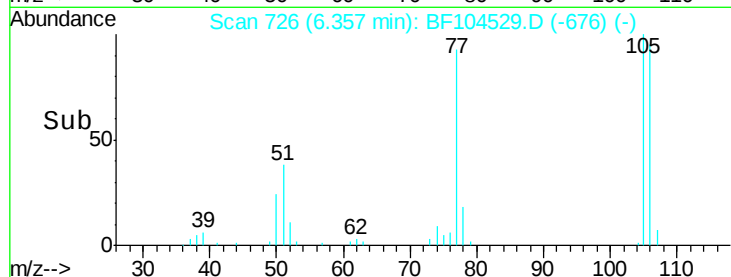
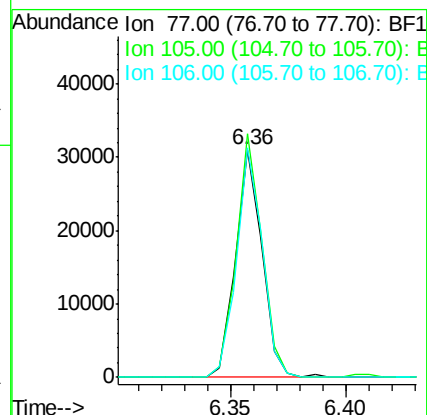
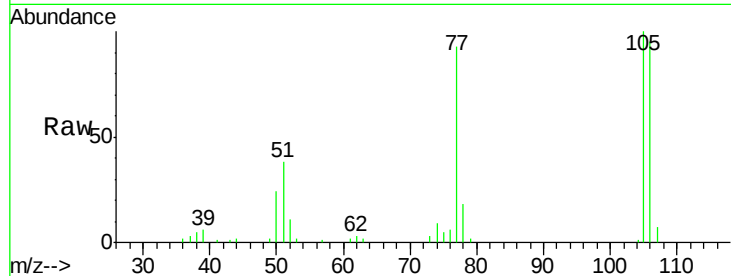
Tot Ion: 77 Resp: 24672

Ion Ratio Lower Upper

77 100

105 107.0 81.1 121.1

106 101.1 74.5 114.5



#10

Phenol

Concen: 42.503 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

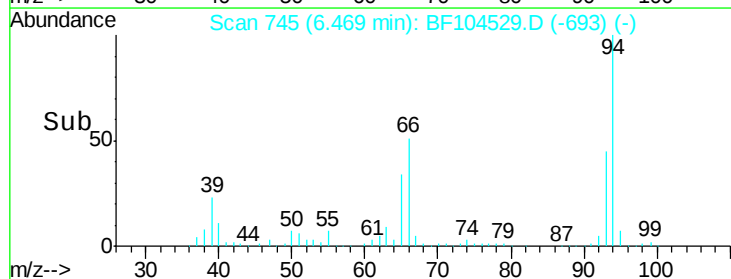
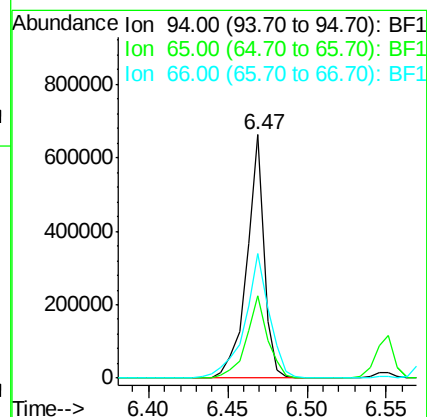
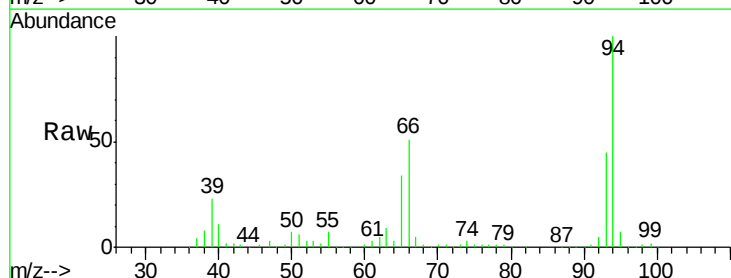
Tgt Ion: 94 Resp: 501185

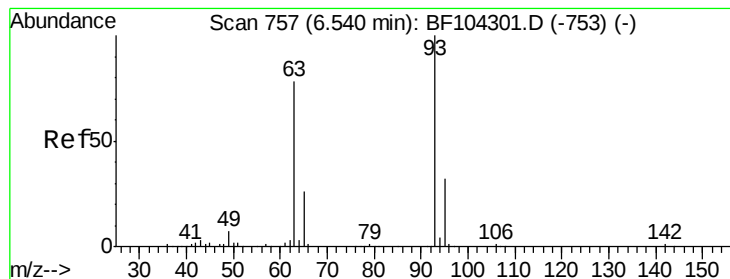
Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

66 50.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.449 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

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PB108229BS

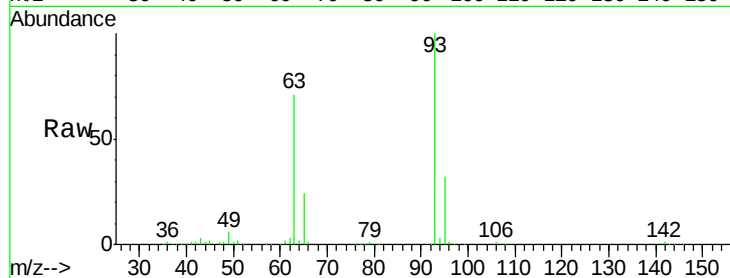
Tot Ion: 93 Resp: 408850

Ion Ratio Lower Upper

93 100

63 71.2 58.6 98.6

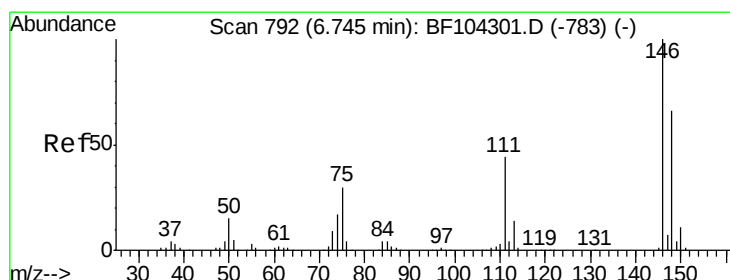
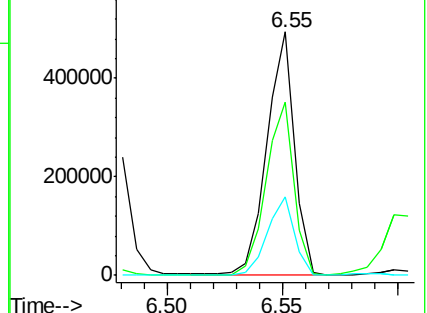
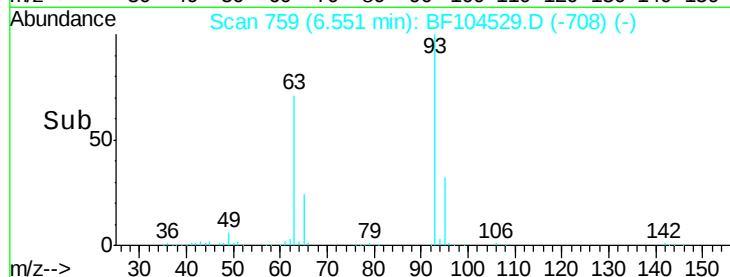
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.891 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

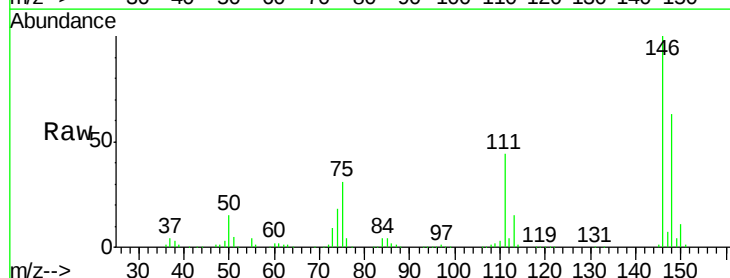
Tgt Ion: 146 Resp: 453069

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

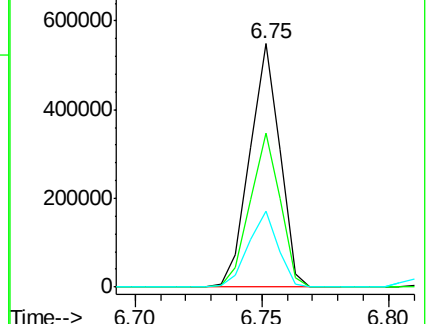
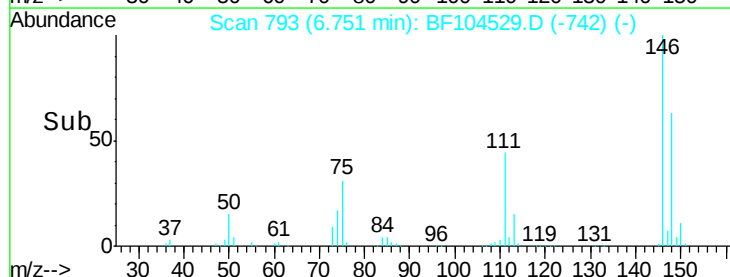
75 31.1 24.2 36.4

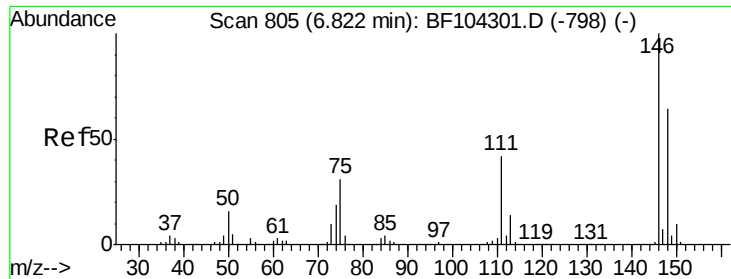


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

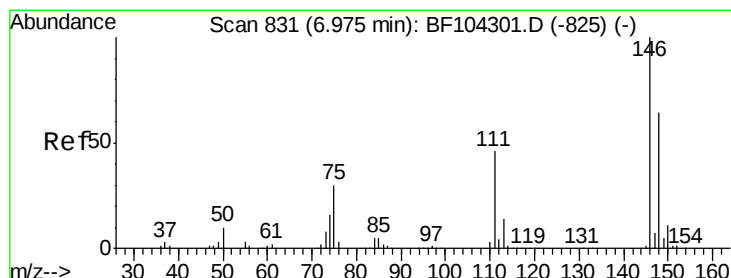
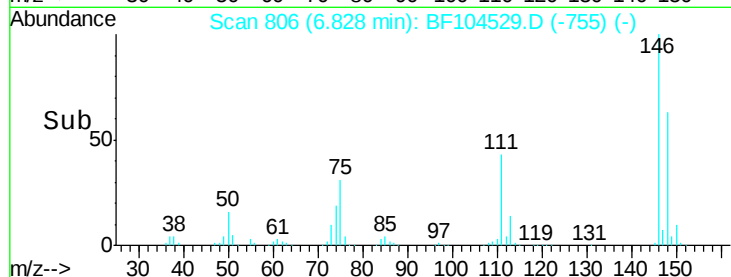
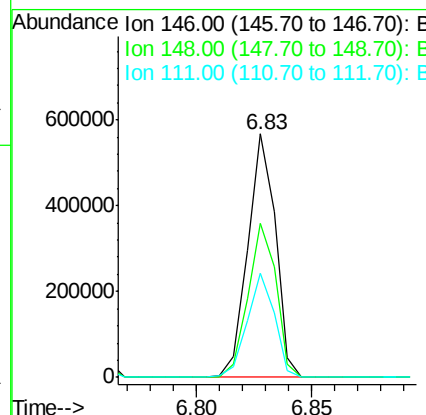
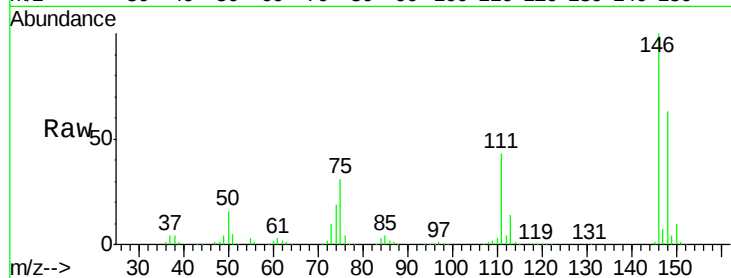




#13
 1,4-Dichlorobenzene
 Concen: 44.255 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

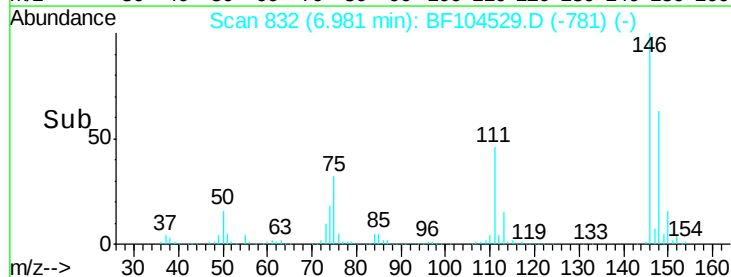
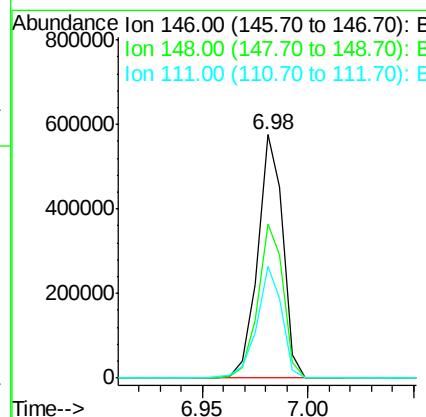
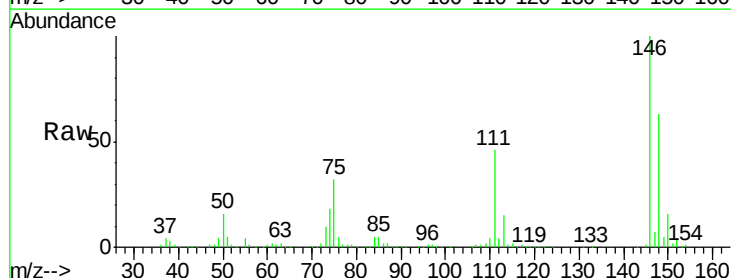
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

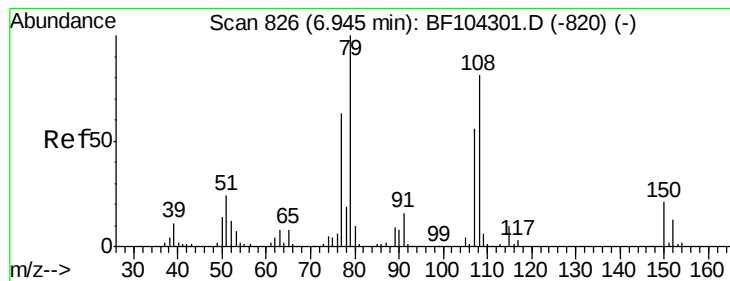
Tot Ion:146 Resp: 477126
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 42.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.694 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:146 Resp: 476506
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 45.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 46.907 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleID :

PB108229BS

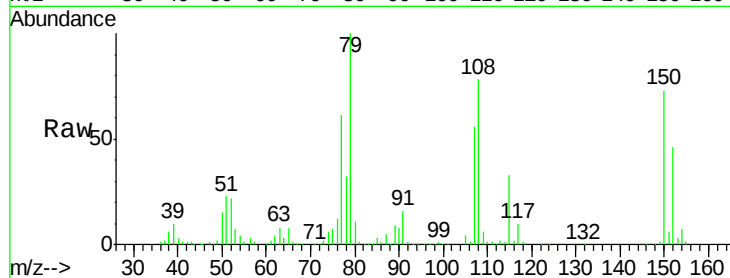
Tot Ion: 79 Resp: 395946

Ion Ratio Lower Upper

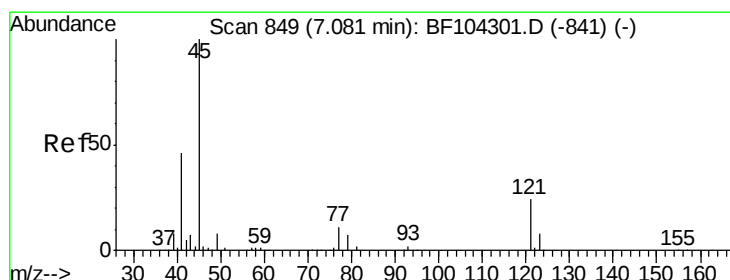
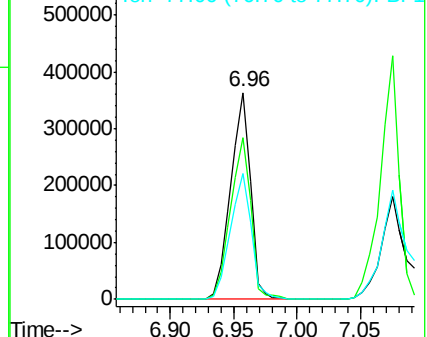
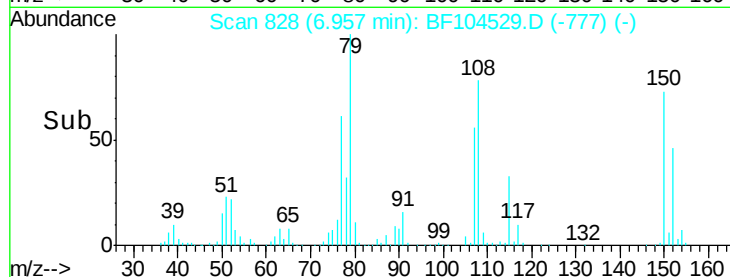
79 100

108 78.0 65.1 97.7

77 61.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.990 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

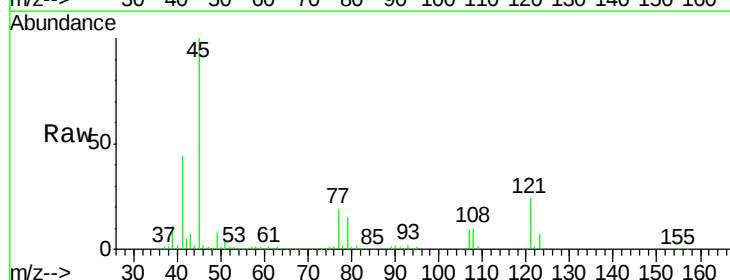
Tgt Ion: 45 Resp: 606457

Ion Ratio Lower Upper

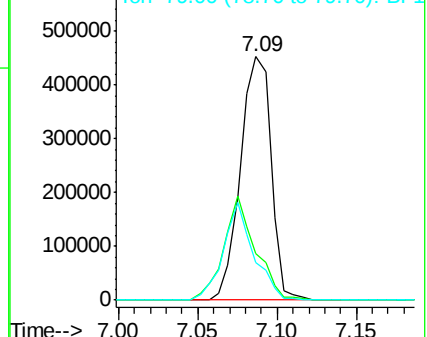
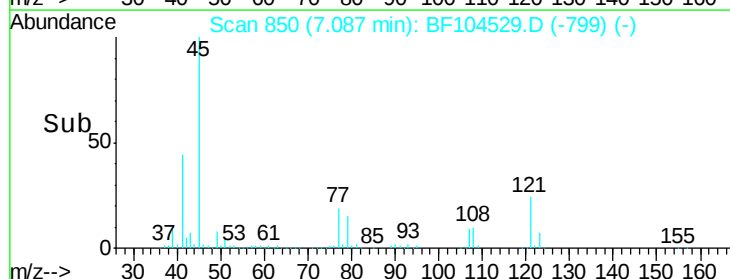
45 100

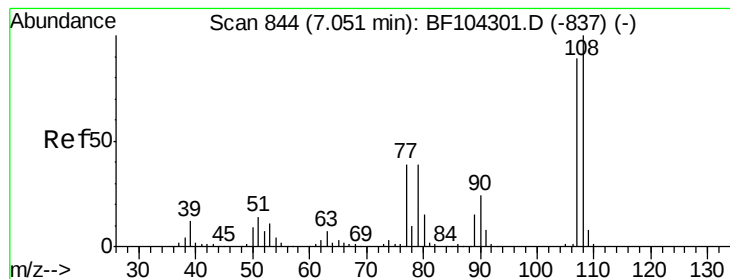
77 18.9 0.0 32.9

79 15.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 48.909 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

Tot Ion:107 Resp: 405878

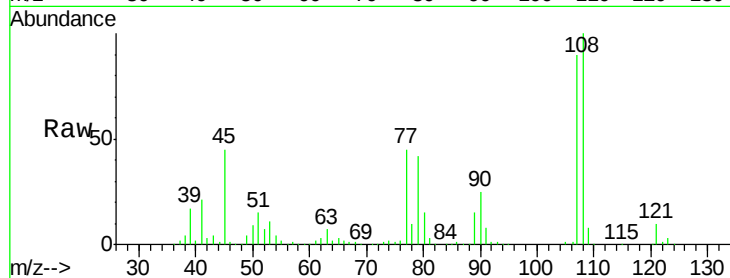
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 50.0 33.8 50.8

79 46.9 33.8 50.8

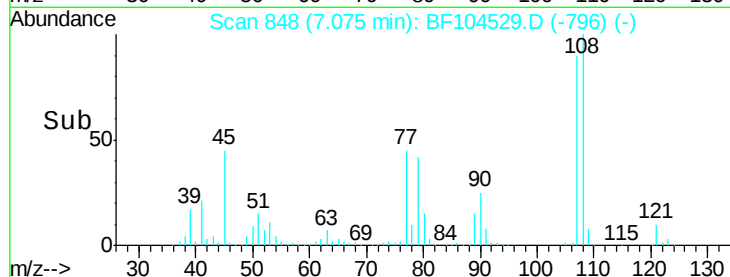


Abundance Ion 107.00 (106.70 to 107.70): E

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



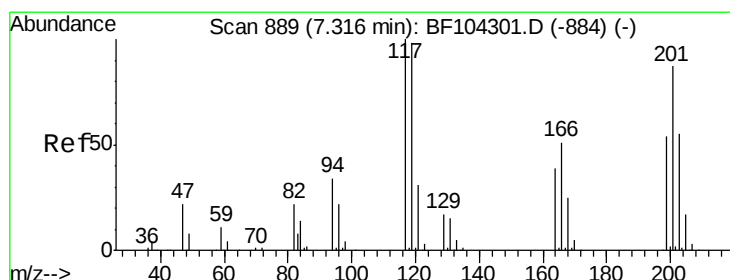
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 46.696 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

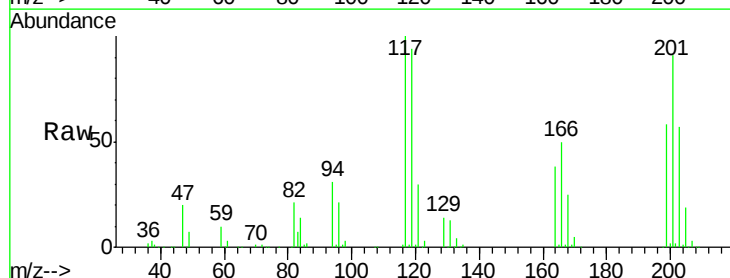
Tgt Ion:117 Resp: 179496

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

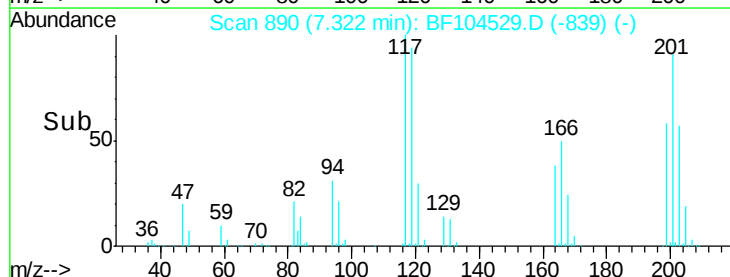
201 90.9 75.7 113.5



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

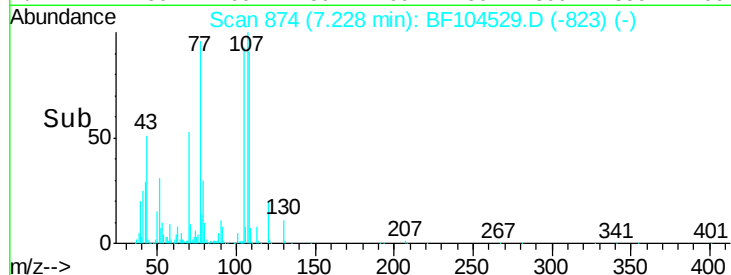
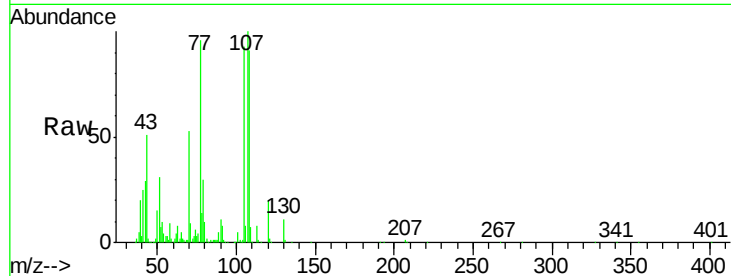
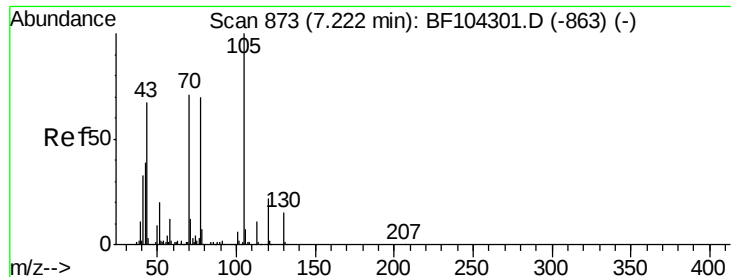


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

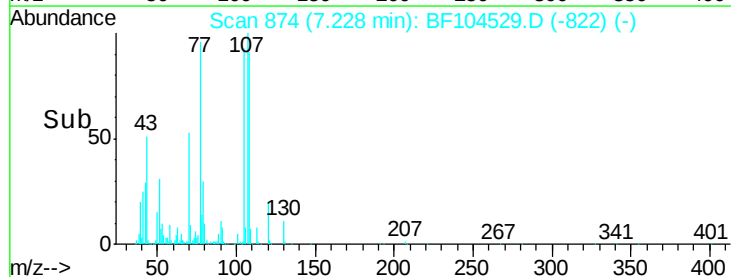
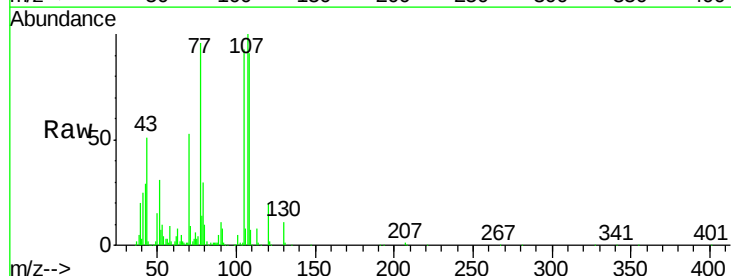
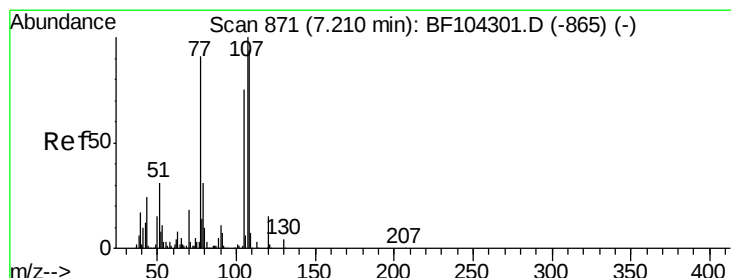
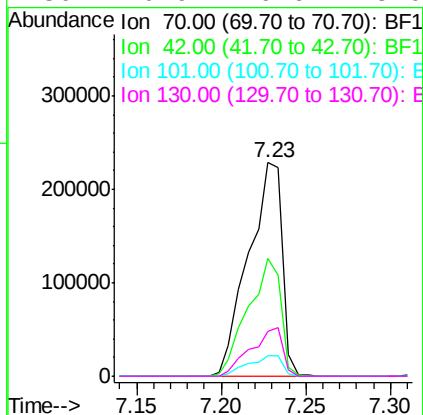
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.661 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

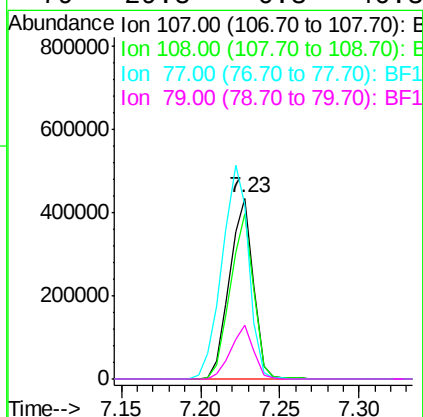
Instrument :
BNA_F
ClientSampleId :
PB108229BS

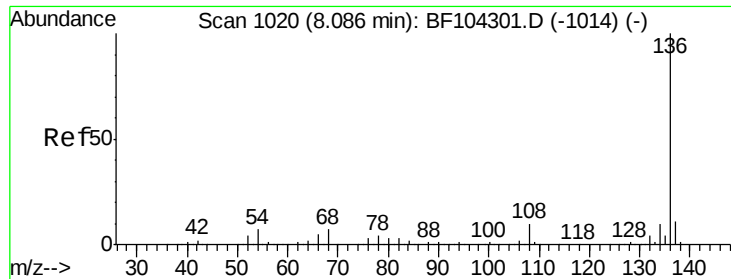
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	9.6	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.247 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	96.3	26.7	66.7#
79	29.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

Tot Ion:136 Resp: 629190

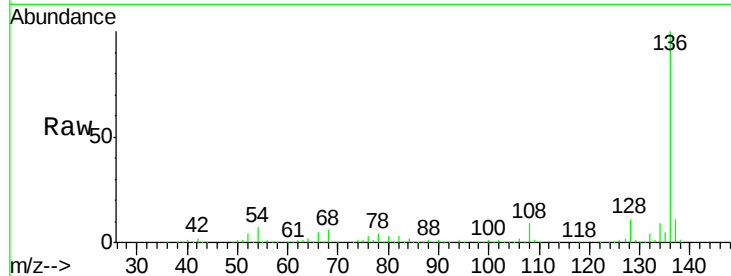
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 6.1 5.0 7.4

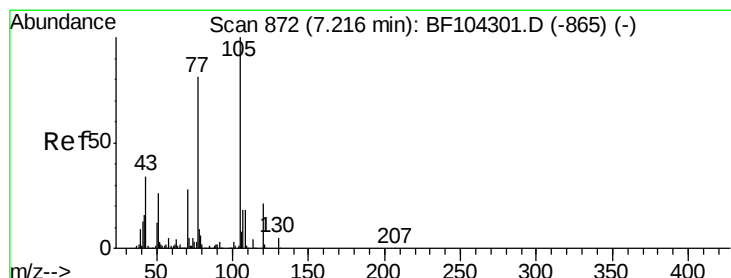
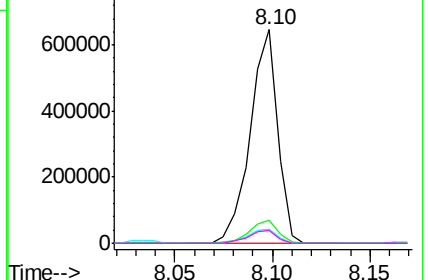
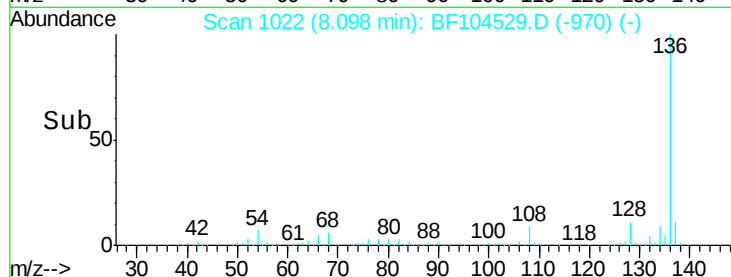


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.273 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Tgt Ion:105 Resp: 623838

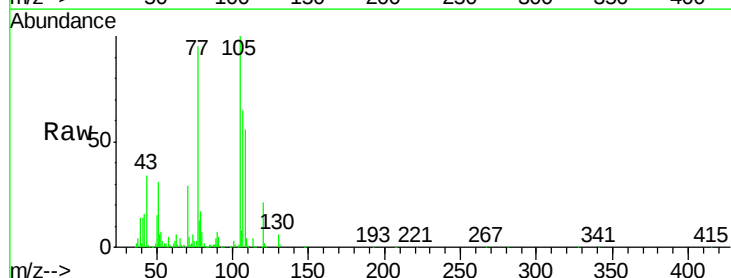
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 30.9 22.3 33.5

120 21.0 16.9 25.3

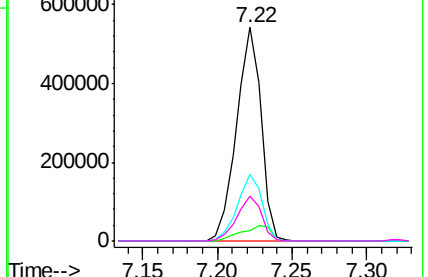
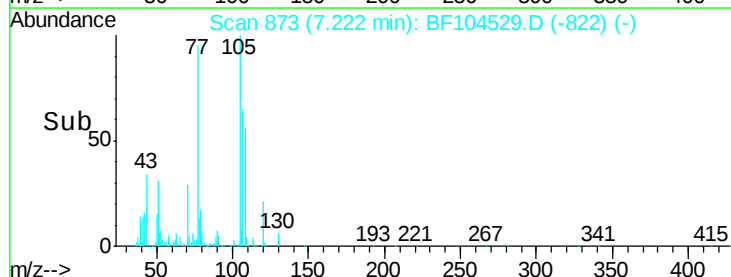


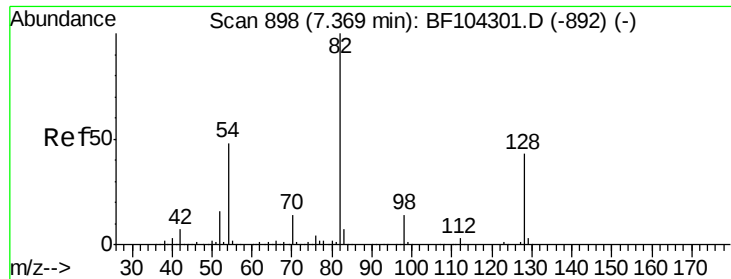
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

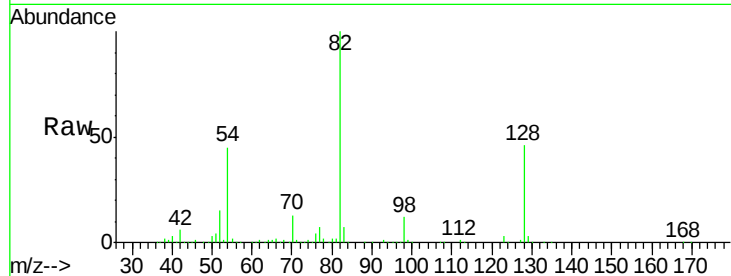




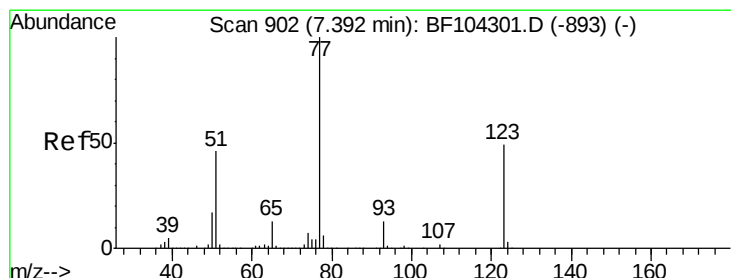
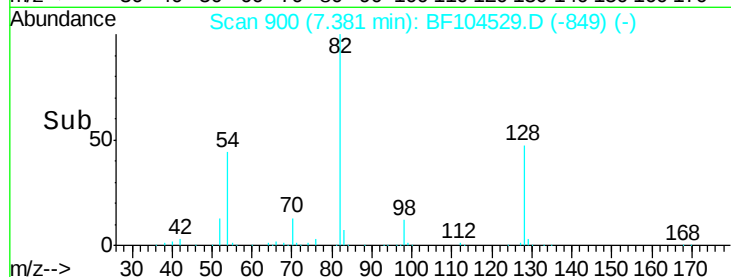
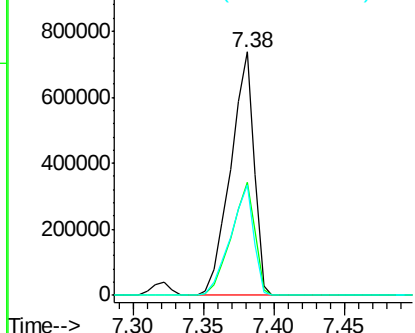
#23
 Nitrobenzene-d5
 Concen: 88.469 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Tot Ion	82	Resp	852456
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	45.2	41.4	62.2

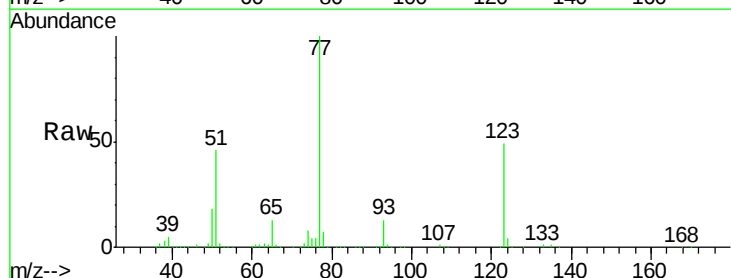


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

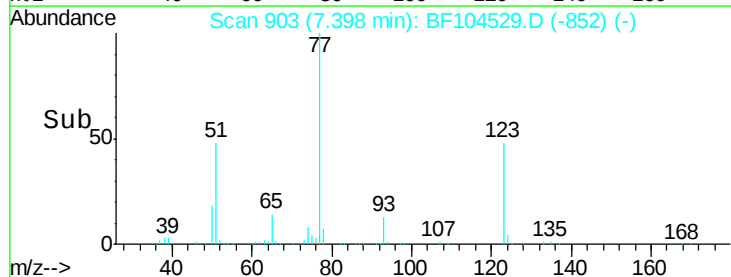
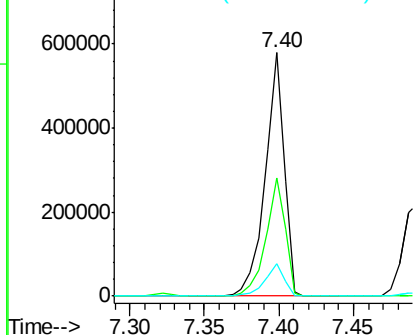


#24
 Nitrobenzene
 Concen: 47.443 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion	77	Resp	504720
Ion Ratio	100	Lower	Upper
123	48.6	37.9	56.9
65	13.3	11.0	16.4



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





#25

Isophorone

Concen: 46.398 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

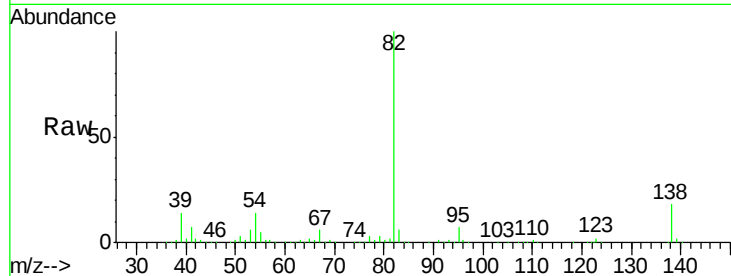
Tot Ion: 82 Resp: 945411

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

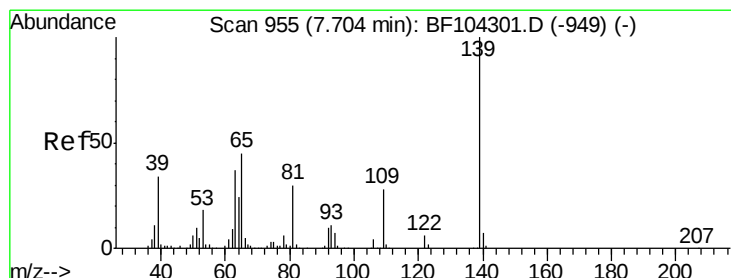
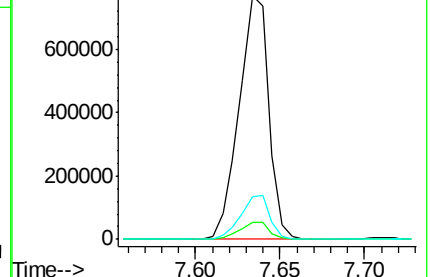
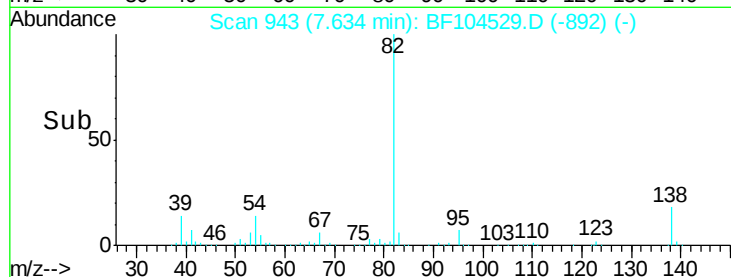
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.774 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

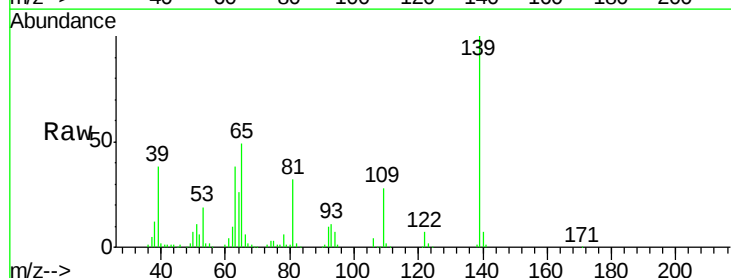
Tgt Ion: 139 Resp: 245884

Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

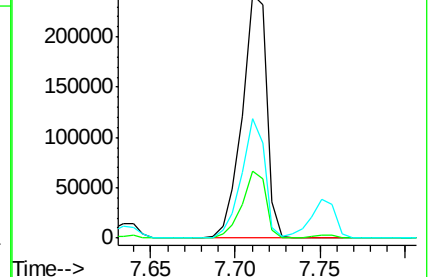
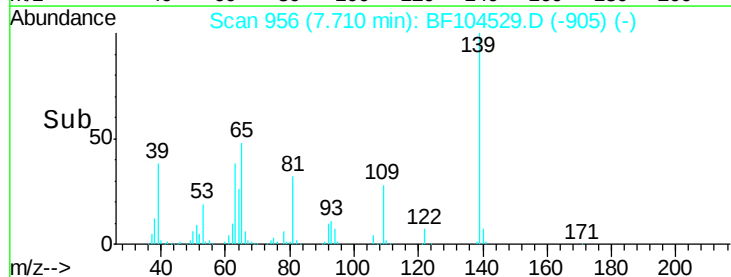
65 48.8 40.5 60.7

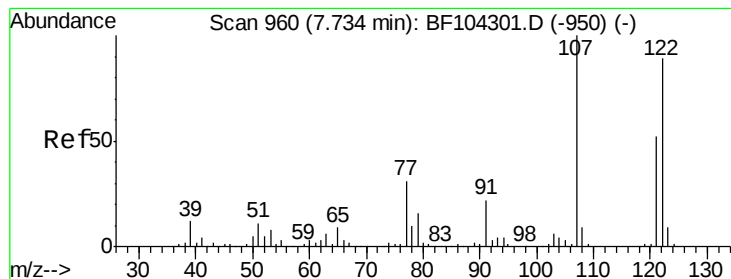


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.230 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

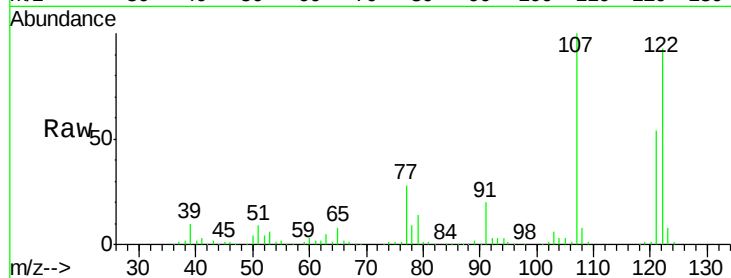
Tot Ion:122 Resp: 442707

Ion Ratio Lower Upper

122 100

107 107.6 91.2 136.8

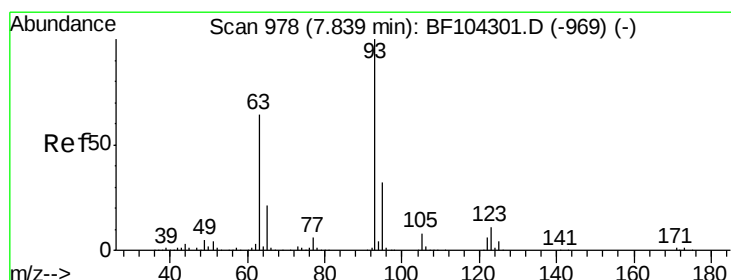
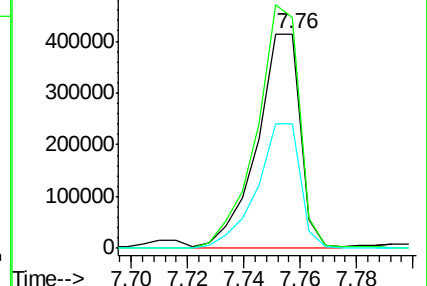
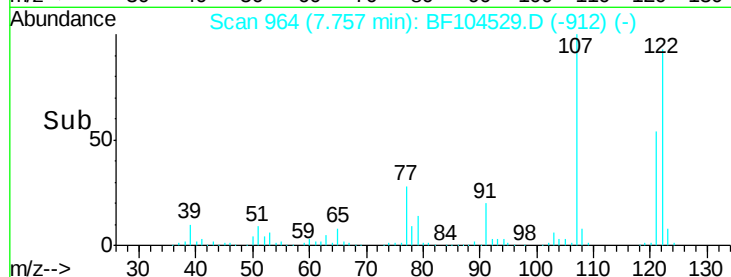
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.531 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

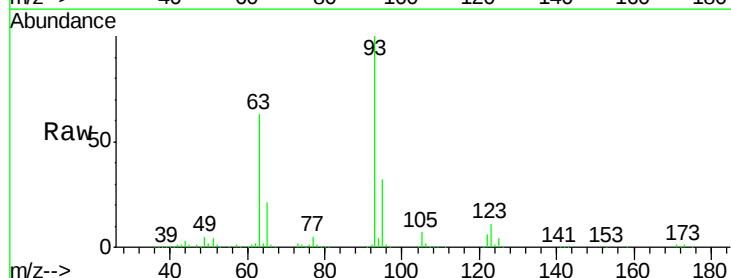
Tgt Ion: 93 Resp: 604599

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

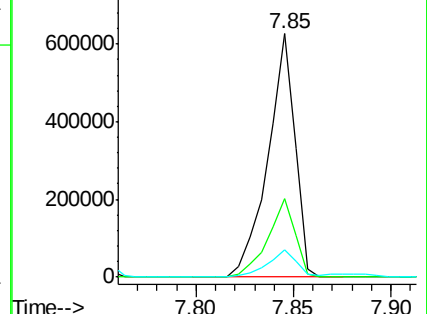
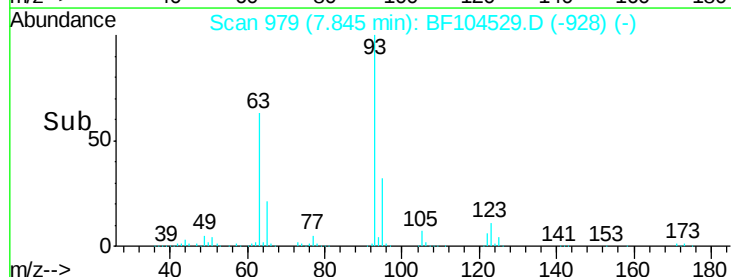
123 11.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

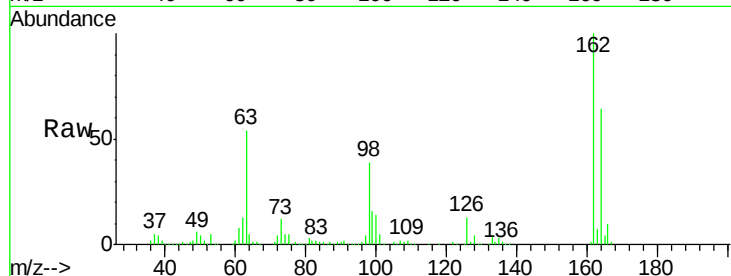




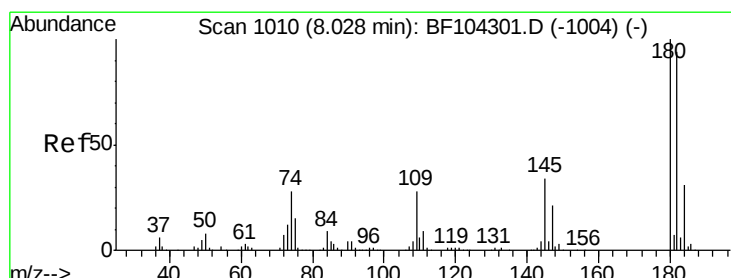
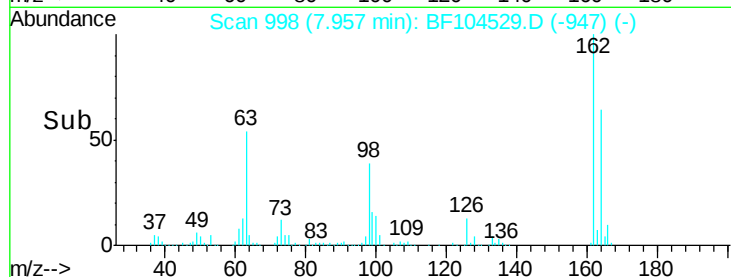
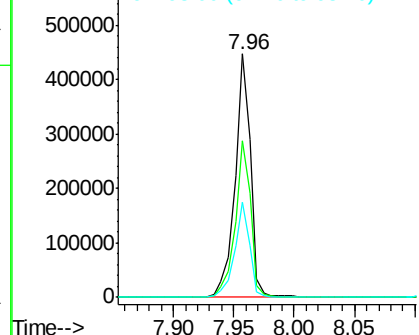
#29
 2,4-Dichlorophenol
 Concen: 46.525 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	39.2	18.1	58.1

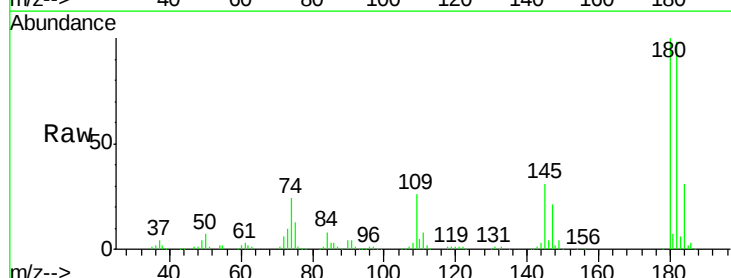


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

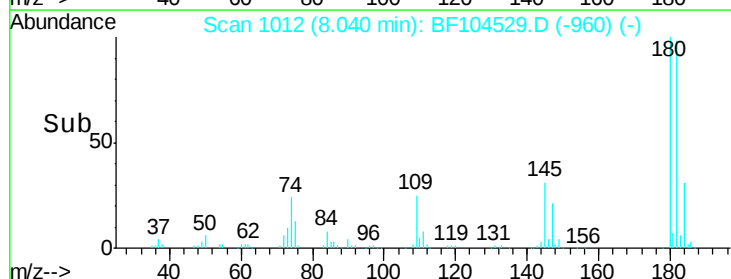
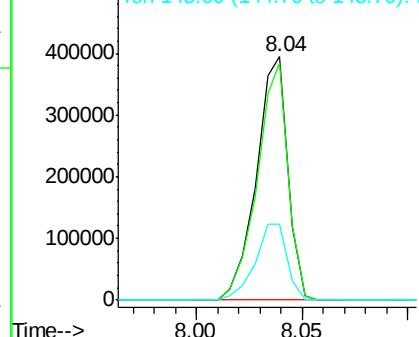


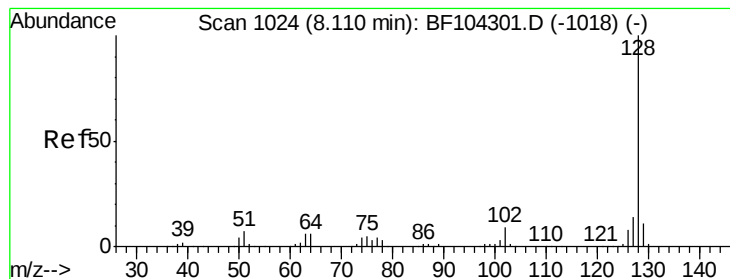
#30
 1,2,4-Trichlorobenzene
 Concen: 43.325 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.8	115.2
145	31.2	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.418 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

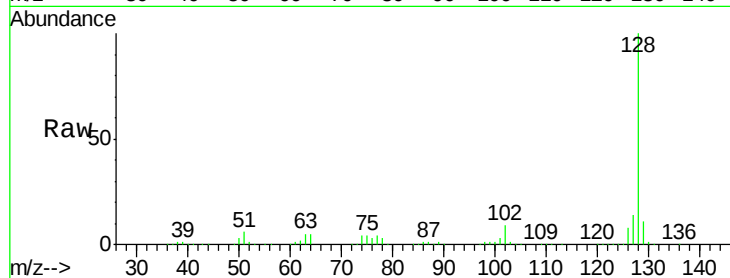
Tot Ion:128 Resp: 1360286

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

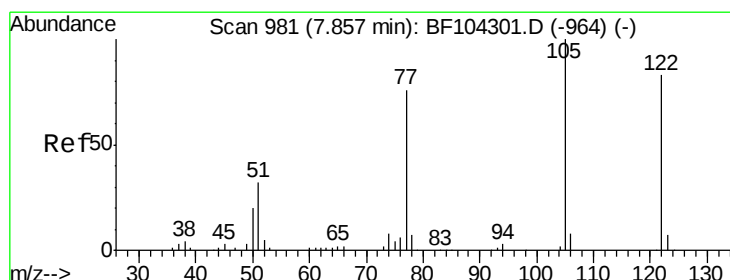
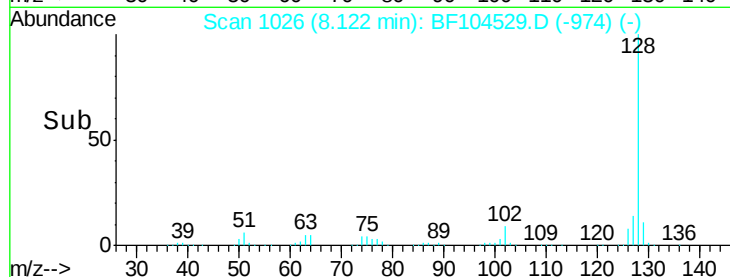
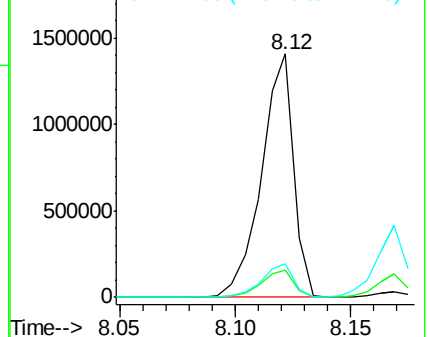
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.062 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

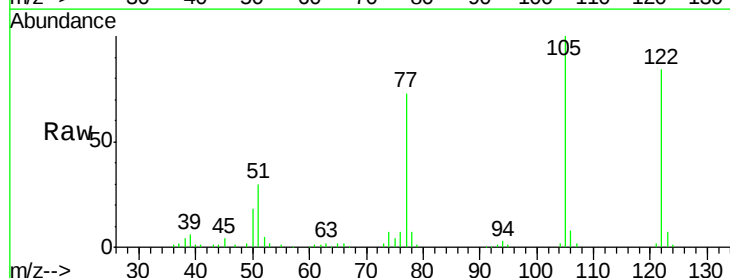
Tgt Ion:122 Resp: 294620

Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

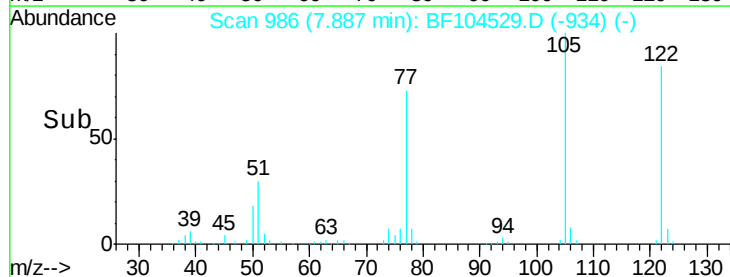
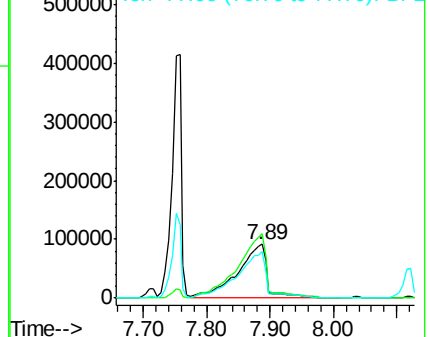
77 87.1 70.7 110.7

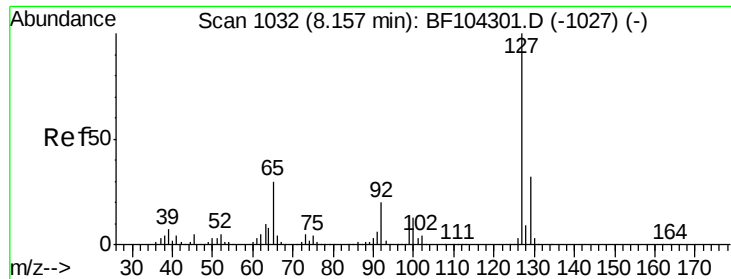


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

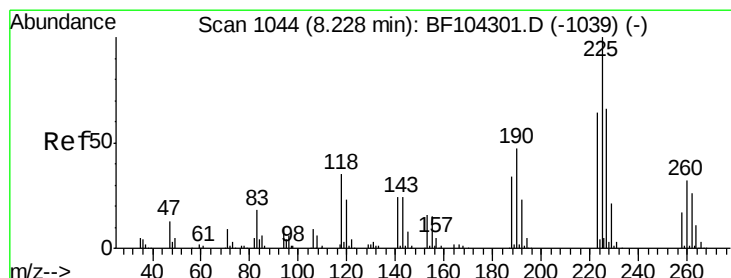
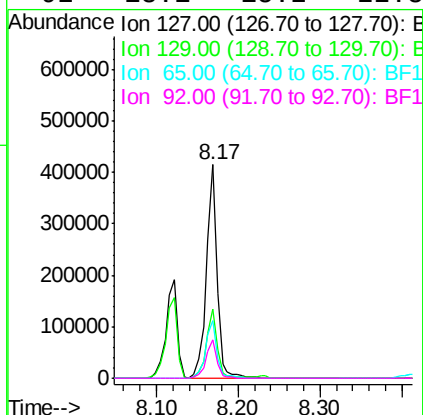
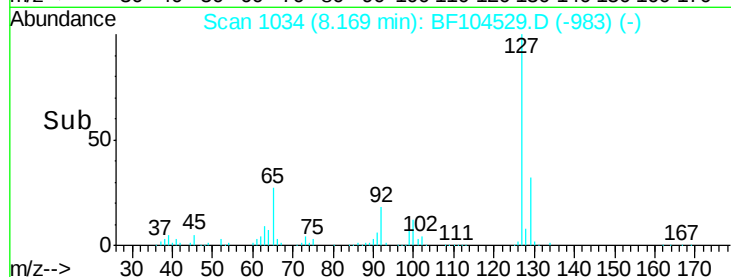
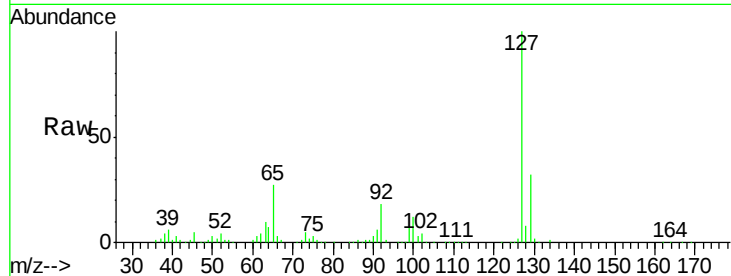




#33
4-Chloroaniline
Concen: 28.180 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

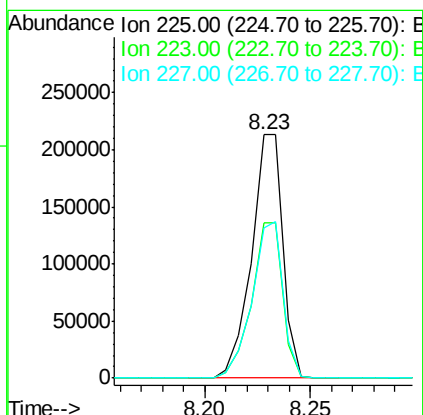
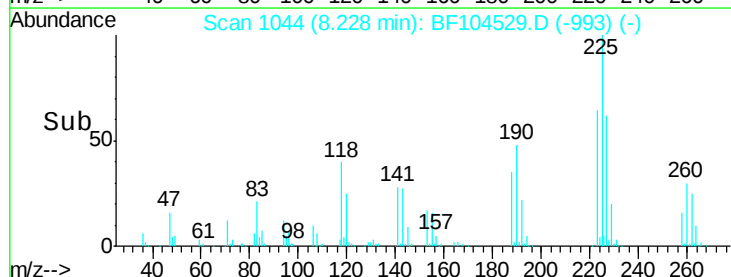
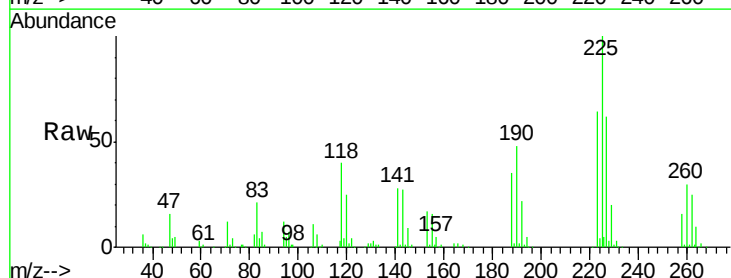
Instrument :
BNA_F
ClientSampleId :
PB108229BS

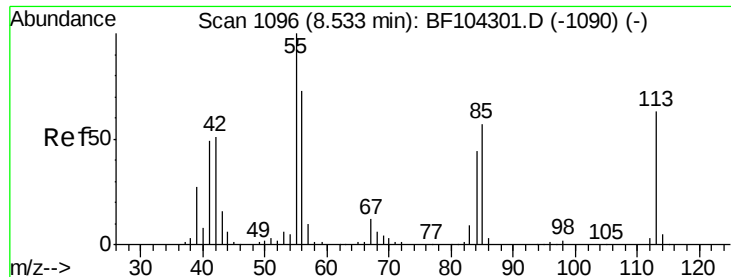
Tot Ion:	127	Resp:	378237
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.2	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.760 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:	225	Resp:	220545
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	61.9	51.9	77.9





#35

Caprolactam

Concen: 41.598 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

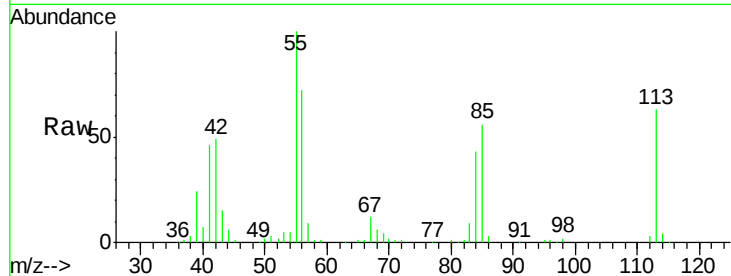
Tot Ion:113 Resp: 124513

Ion Ratio Lower Upper

113 100

55 157.7 163.3 203.3#

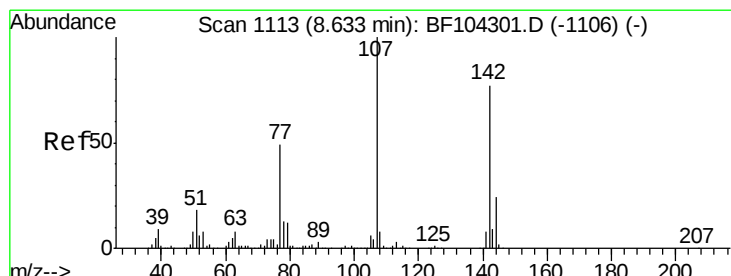
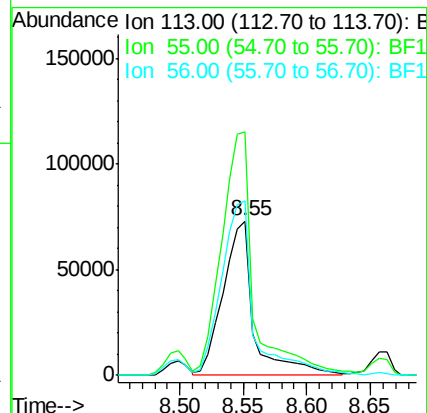
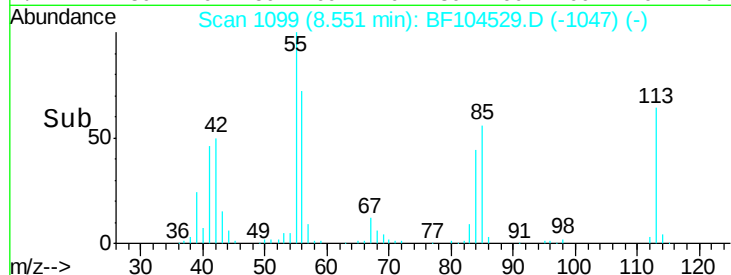
56 113.1 115.7 155.7#



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: 46.128 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

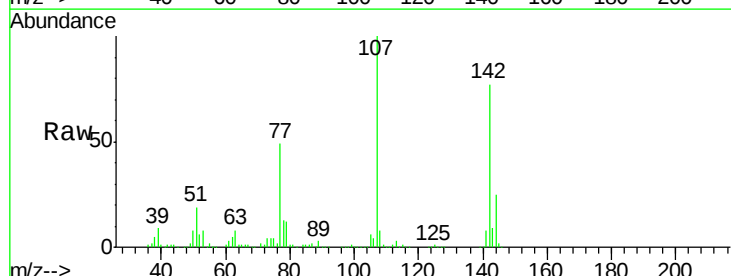
Tgt Ion:107 Resp: 424394

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

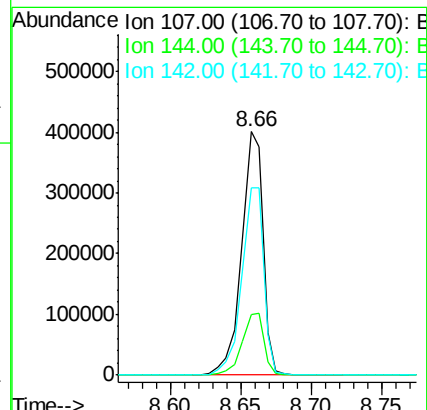
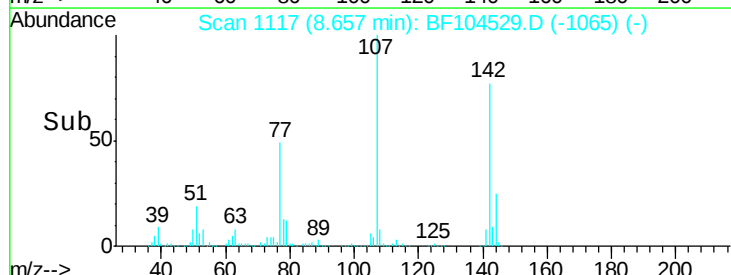
142 76.8 62.0 93.0

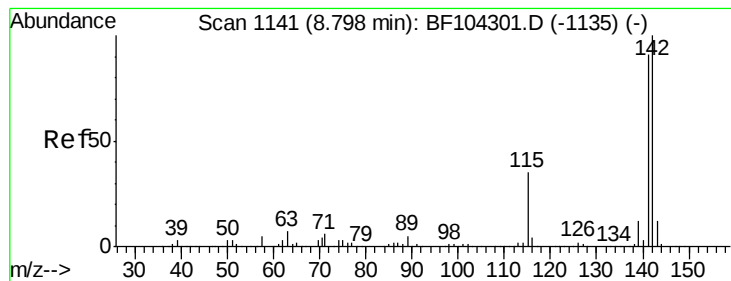


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.729 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleID :

PB108229BS

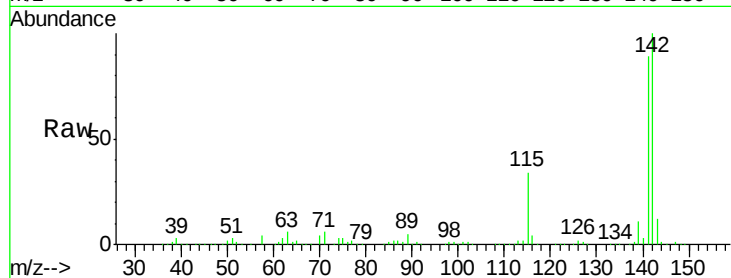
Tot Ion:142 Resp: 886211

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

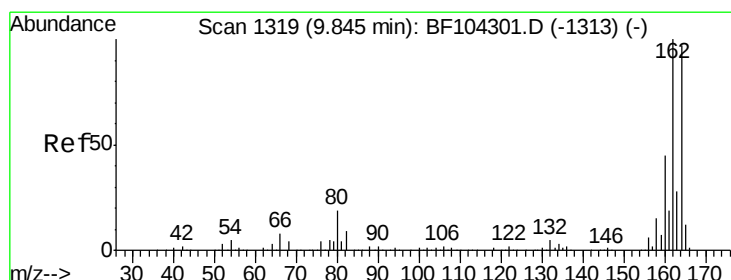
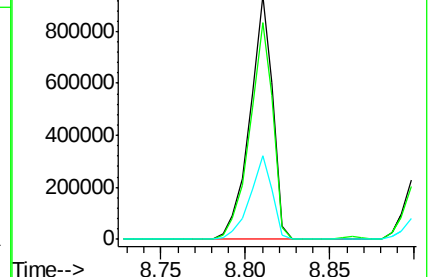
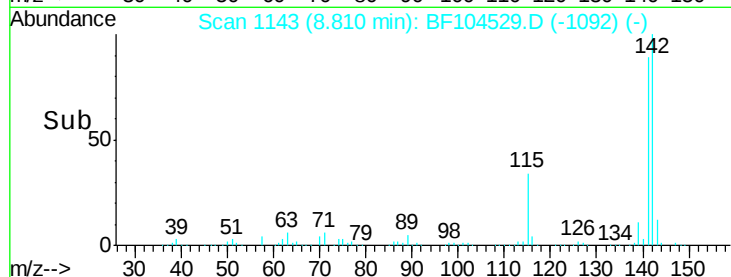
115 34.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

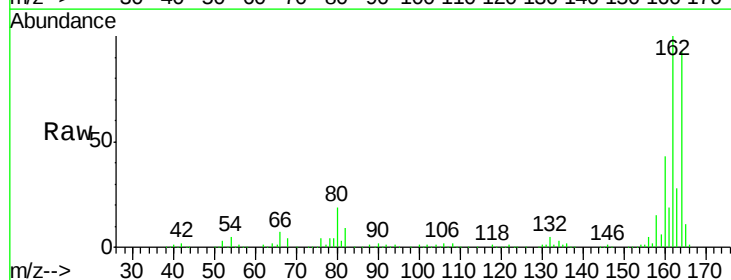
Tgt Ion:164 Resp: 278673

Ion Ratio Lower Upper

164 100

162 107.4 86.1 129.1

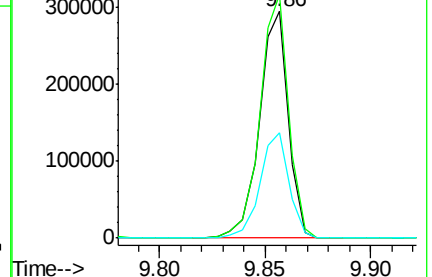
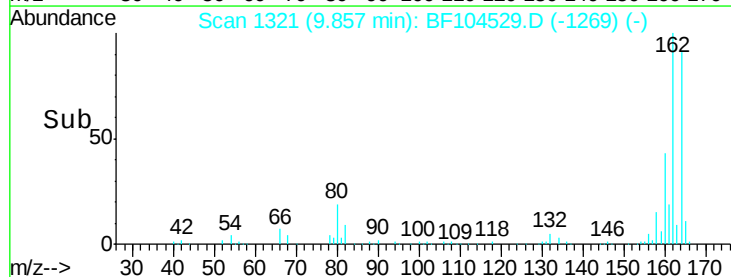
160 46.7 38.3 57.5

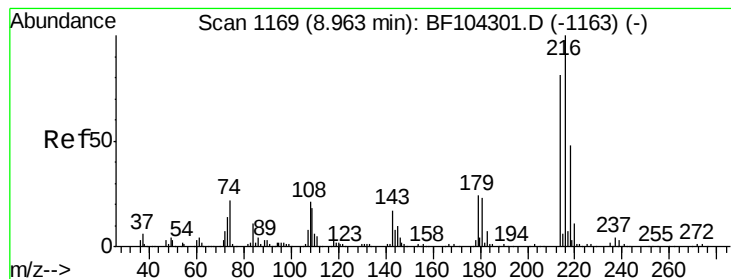


Abundance Ion 164.00 (163.70 to 164.70): E

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: 46.572 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

Tot Ion:216 Resp: 371511

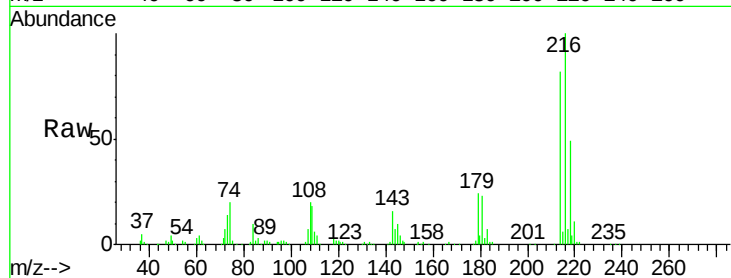
Ion Ratio Lower Upper

216 100

214 80.8 63.0 94.4

179 22.6 18.1 27.1

108 21.2 17.2 25.8

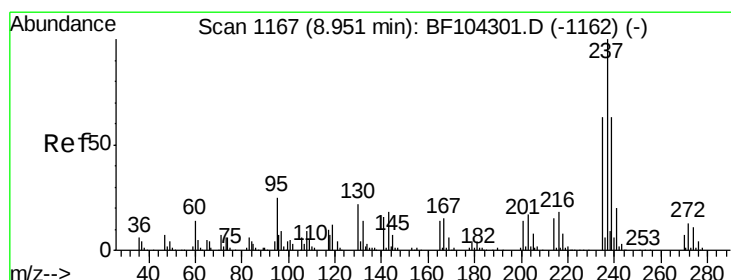
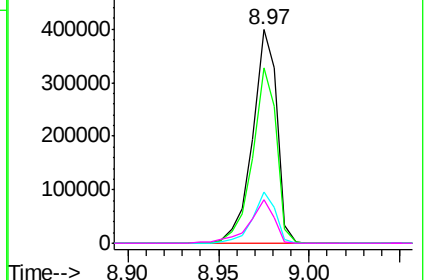
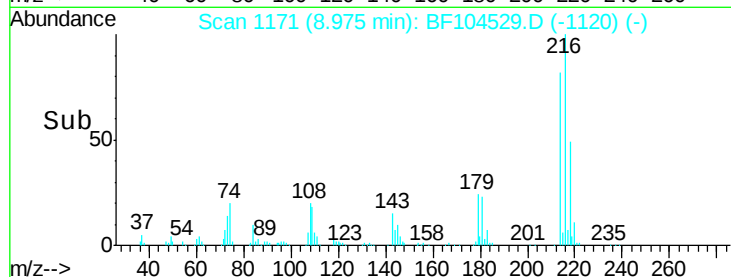


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.502 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

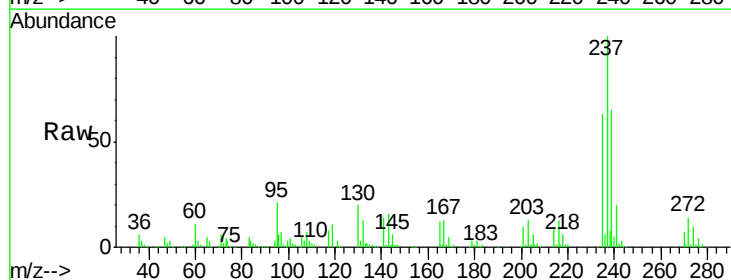
Tgt Ion:237 Resp: 203210

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

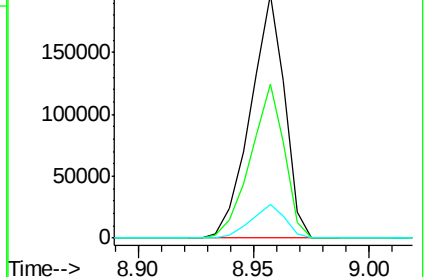
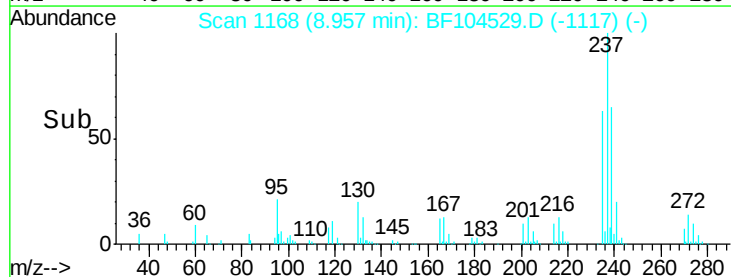
272 13.9 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.819 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

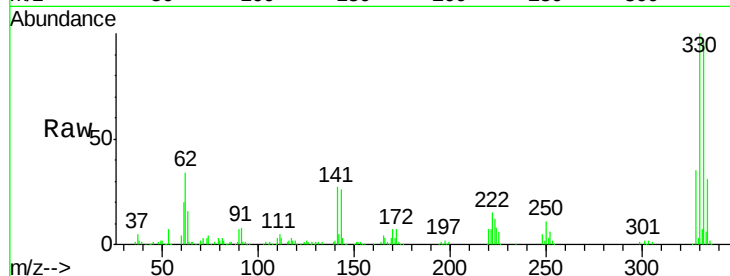
Tot Ion:330 Resp: 248080

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

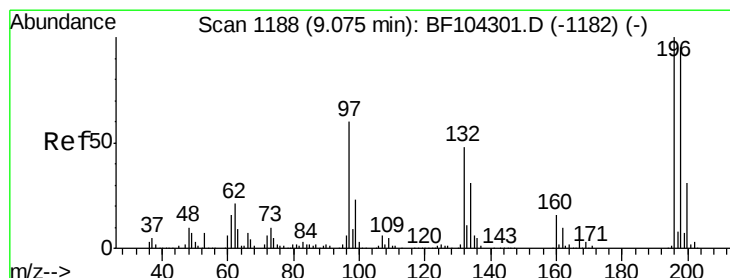
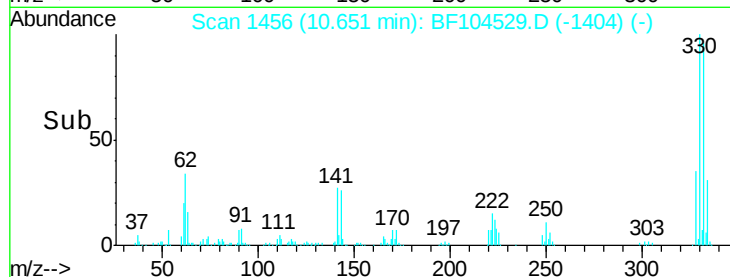
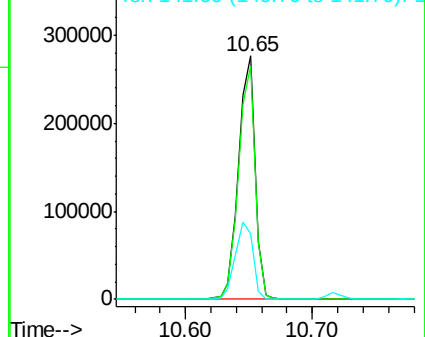
141 33.9 29.9 44.9



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: 47.076 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

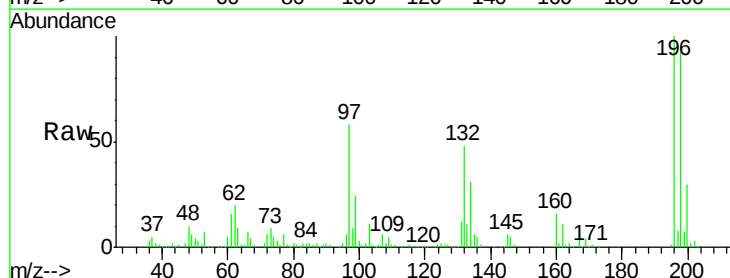
Tgt Ion:196 Resp: 260693

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

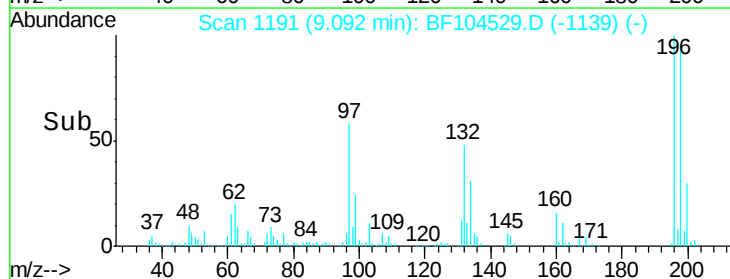
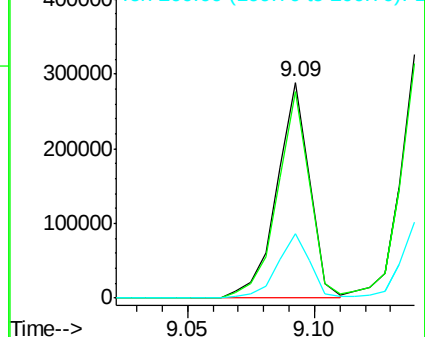
200 30.0 24.5 36.7



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

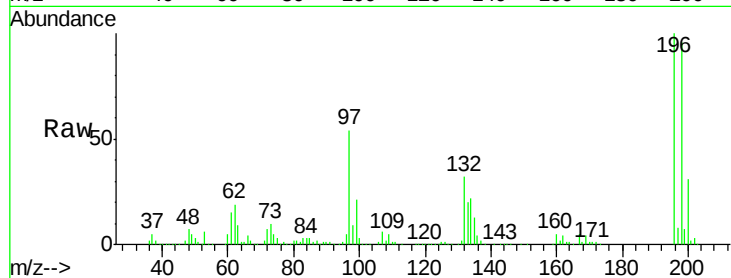




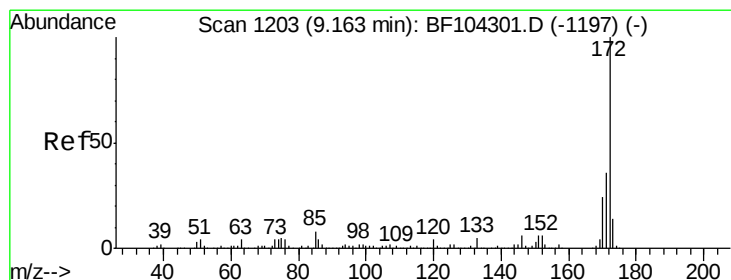
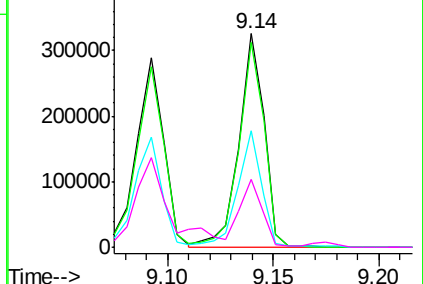
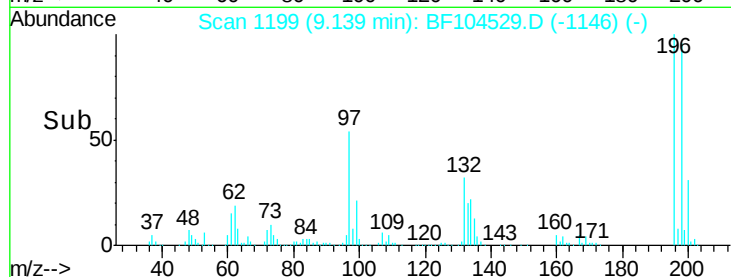
#43
 2,4,5-Trichlorophenol
 Concen: 42.840 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleID :
 PB108229BS

Tot Ion:196 Resp: 265474
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 54.5 42.9 64.3
 132 31.6 26.3 39.5

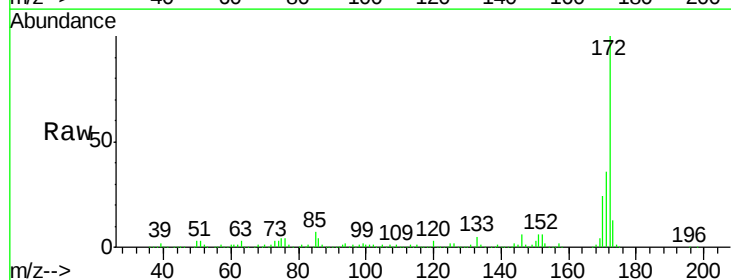


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

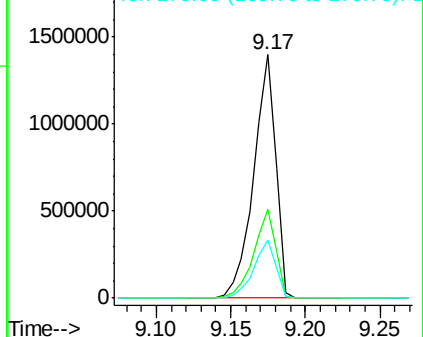
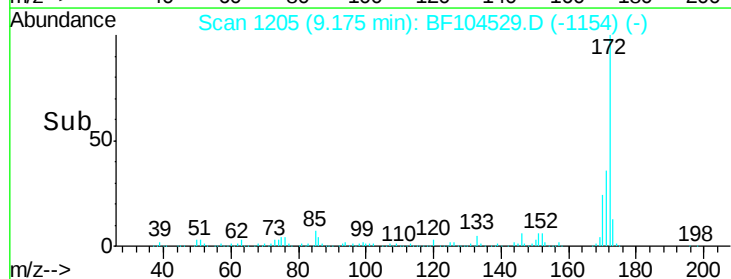


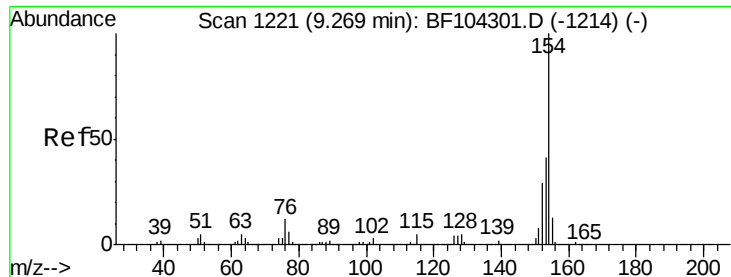
#44
 2-Fluorobiphenyl
 Concen: 80.274 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:172 Resp: 1416064
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 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

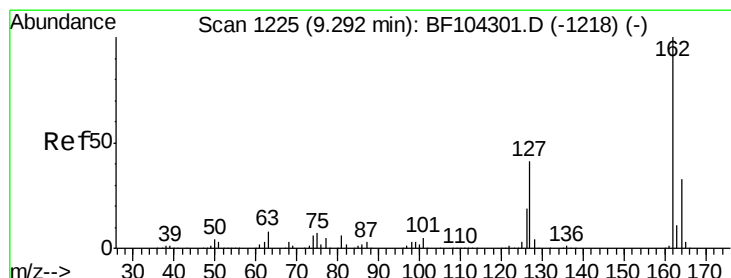
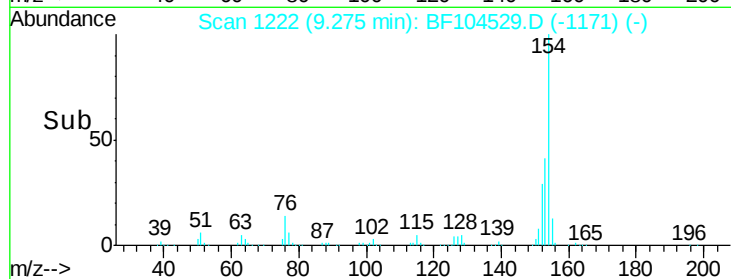
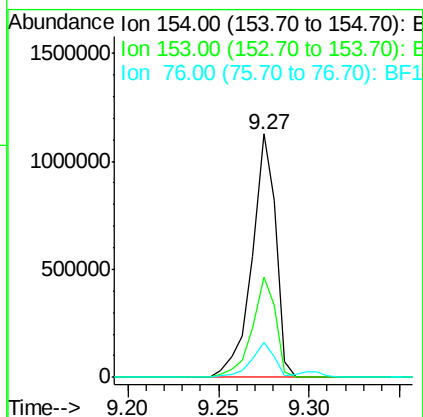
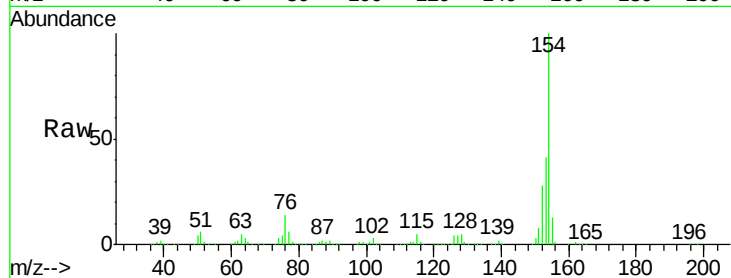




#45
 1,1'-Biphenyl
 Concen: 43.812 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

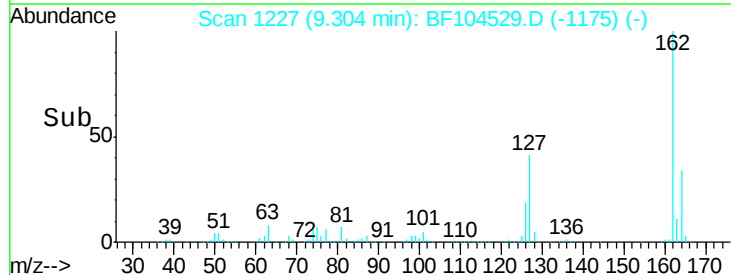
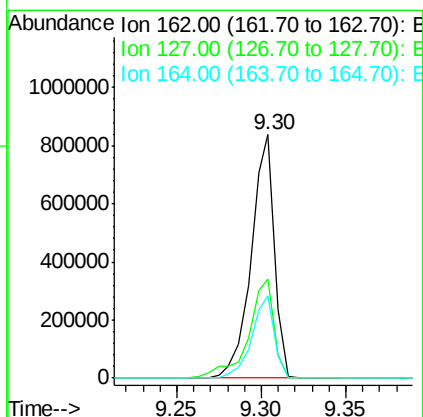
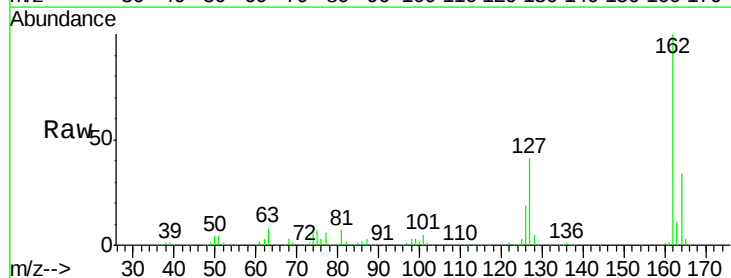
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Tot Ion:154 Resp: 1025670
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 14.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.410 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:162 Resp: 802712
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 33.6 26.5 39.7

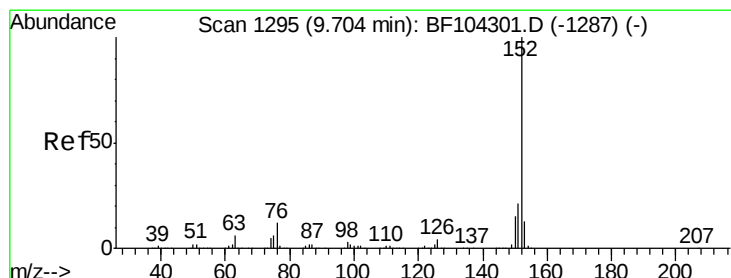
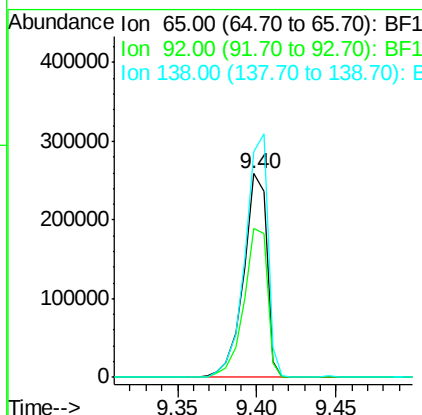
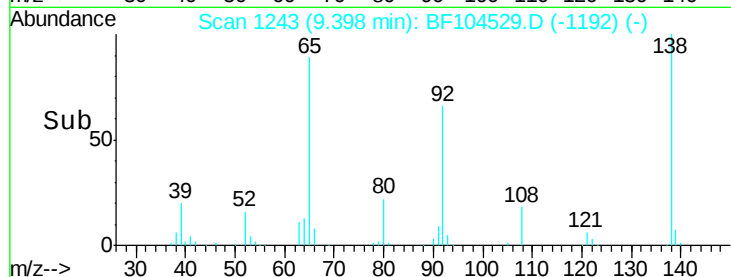
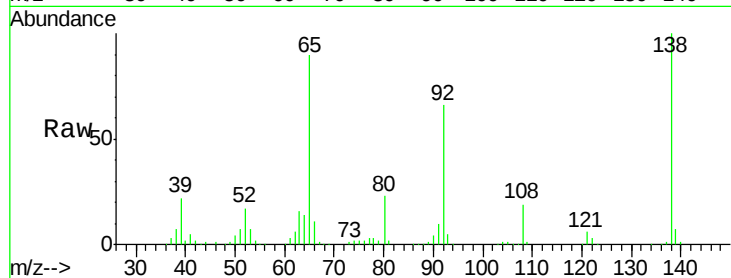




#47
 2-Nitroaniline
 Concen: 57.207 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

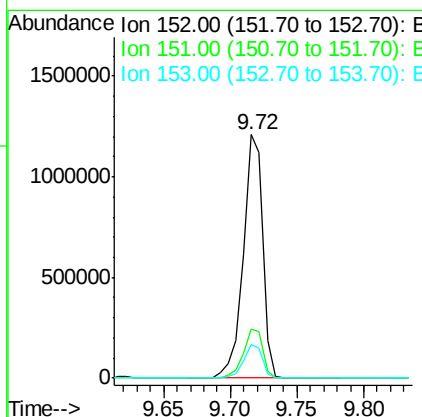
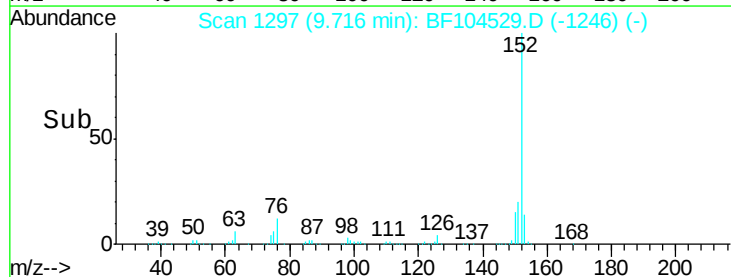
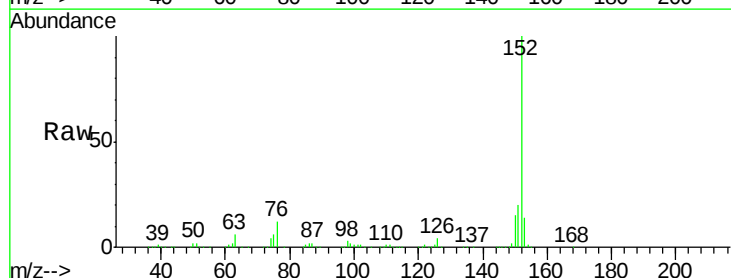
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

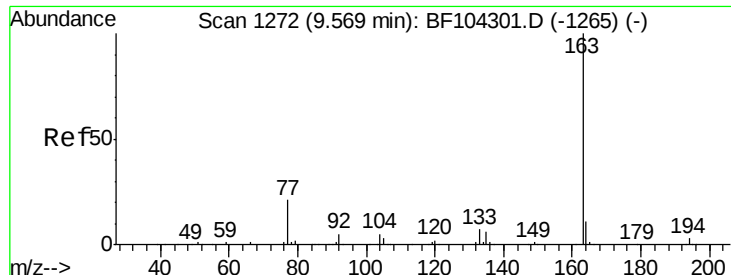
Tot Ion: 65 Resp: 261600
 Ion Ratio Lower Upper
 65 100
 92 73.2 55.8 83.6
 138 111.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.707 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion: 152 Resp: 1210016
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.6 10.7 16.1

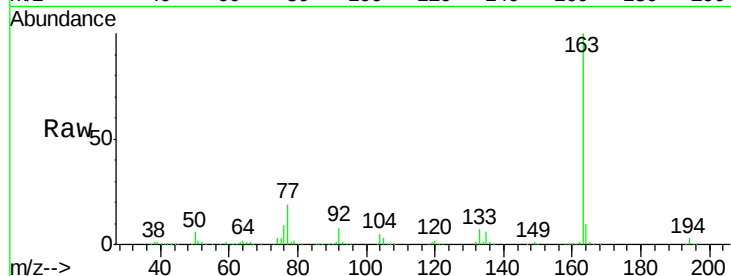




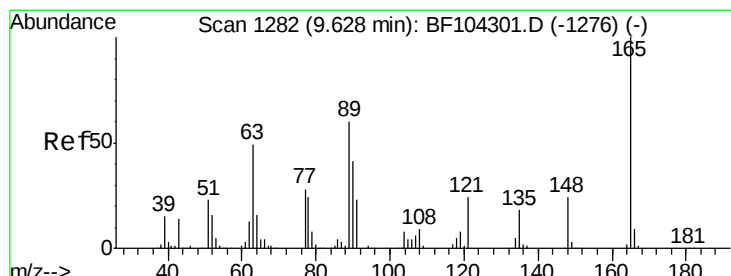
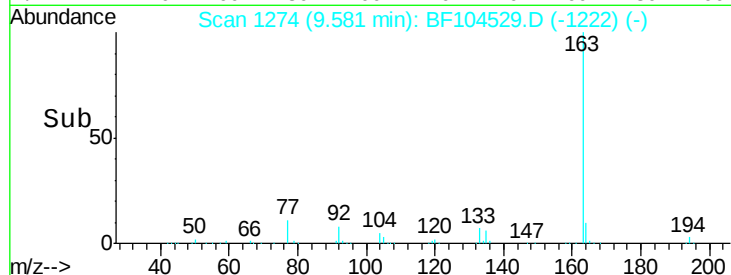
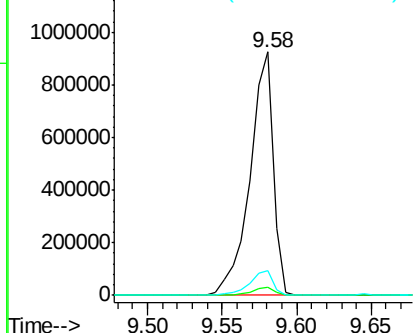
#49
Dimethylphthalate
Concen: 45.194 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108229BS

Tot Ion:163 Resp: 993158
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

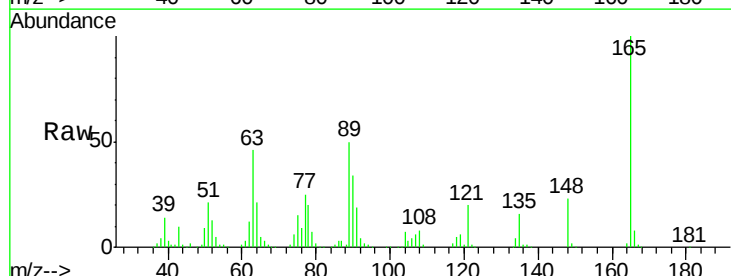


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

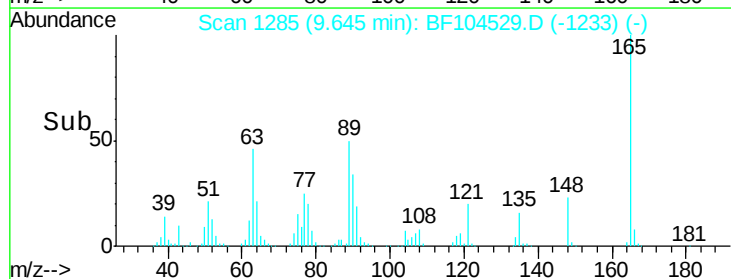
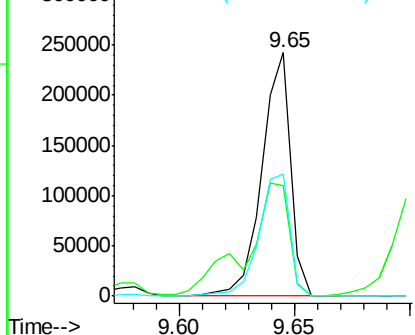


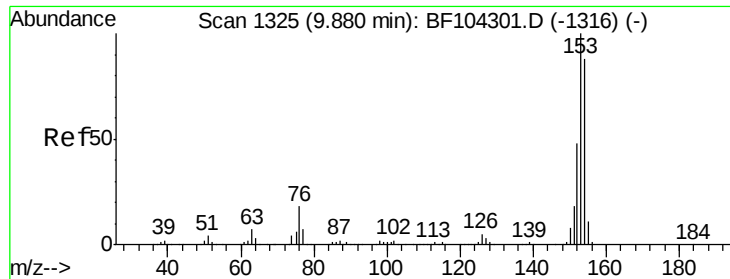
#50
2,6-Dinitrotoluene
Concen: 51.797 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:165 Resp: 210623
Ion Ratio Lower Upper
165 100
63 45.6 44.7 67.1
89 50.3 44.0 66.0



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





#51

Acenaphthene

Concen: 39.963 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

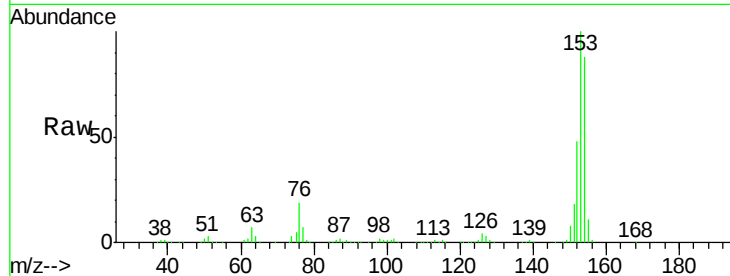
Tot Ion:154 Resp: 707406

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

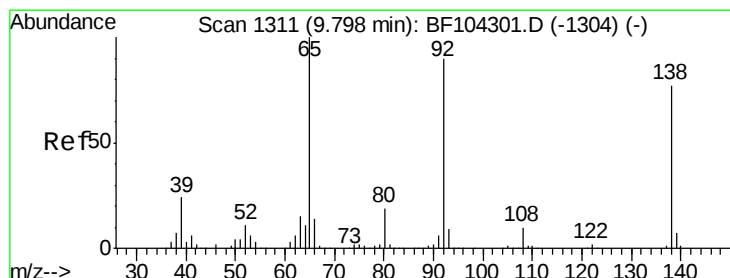
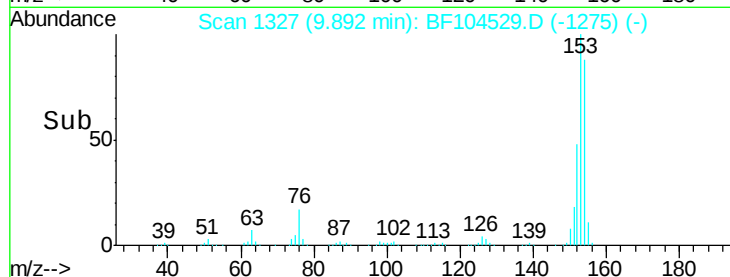
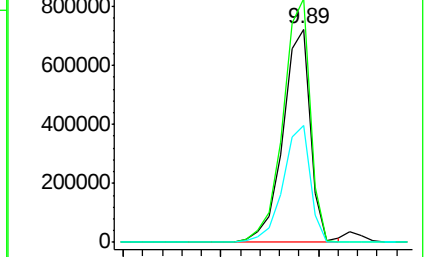
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.304 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

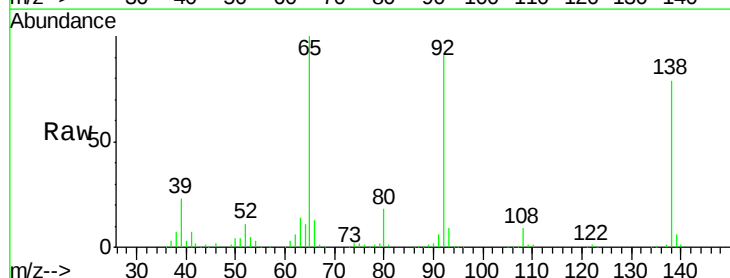
Tgt Ion:138 Resp: 191866

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

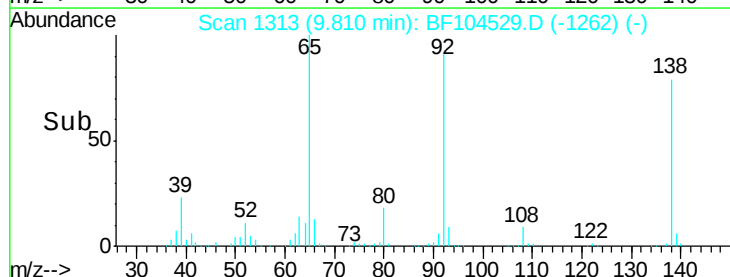
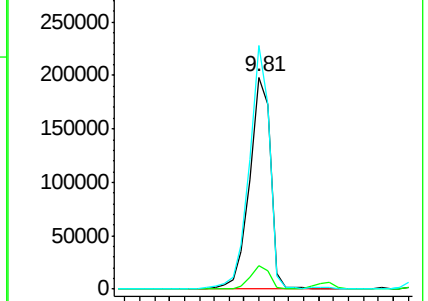
92 114.9 89.4 134.2

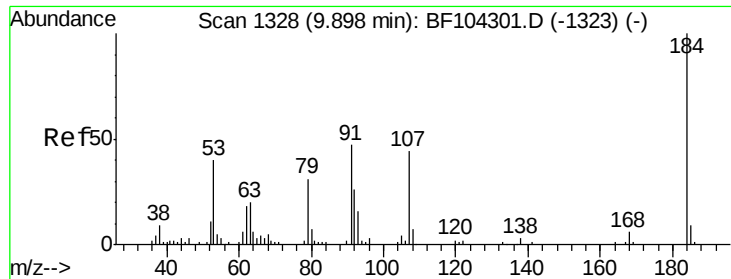


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

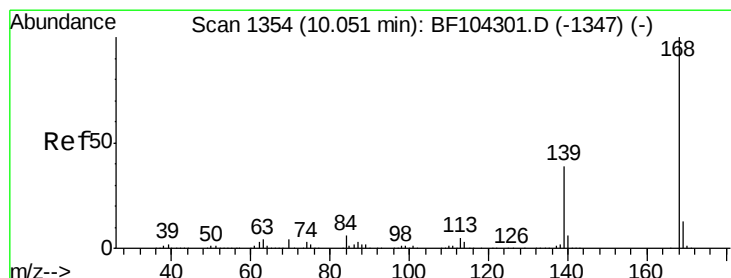
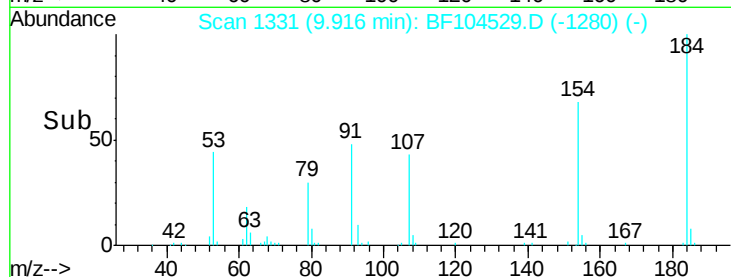
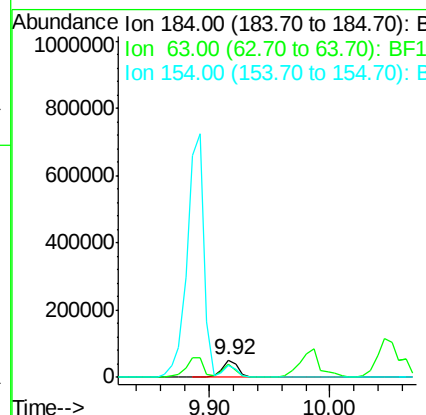
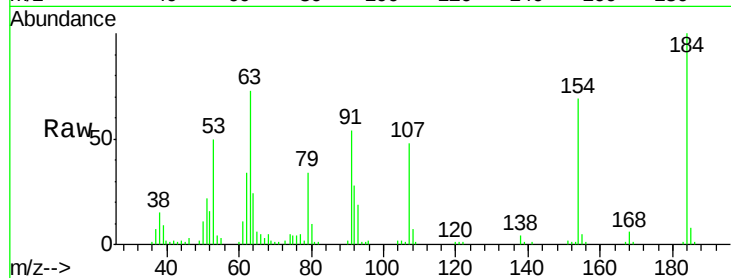




#53
 2,4-Dinitrophenol
 Concen: 39.040 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

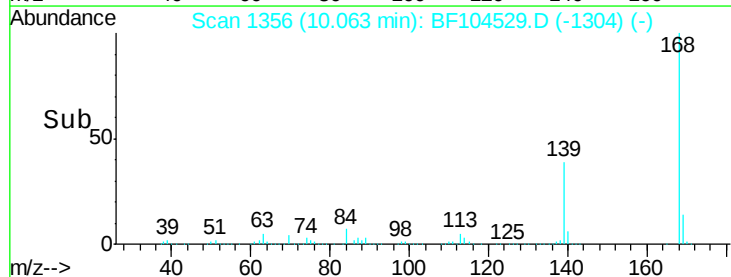
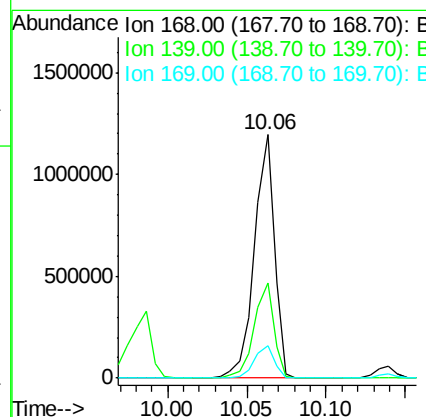
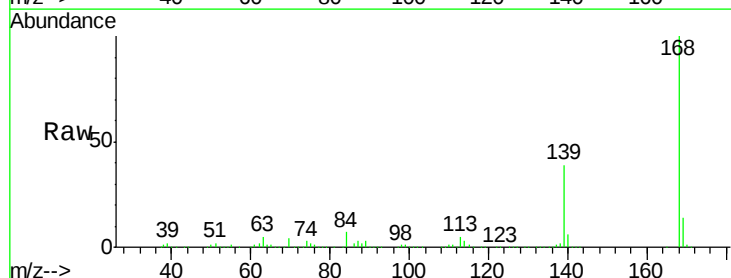
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

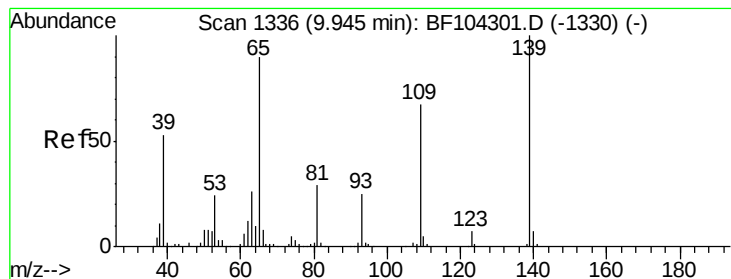
Tot Ion:184 Resp: 48028
 Ion Ratio Lower Upper
 184 100
 63 73.2 54.2 81.2
 154 68.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.521 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:168 Resp: 1048927
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 86.822 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

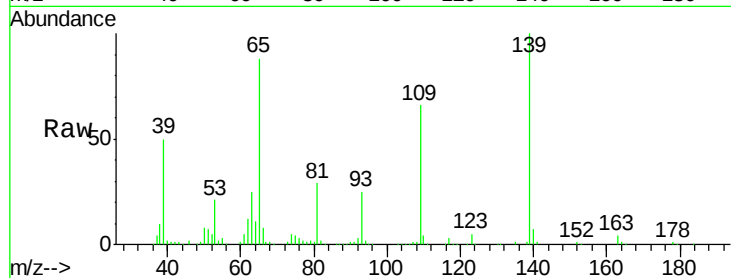
Tot Ion:139 Resp: 324671

Ion Ratio Lower Upper

139 100

109 66.3 48.4 88.4

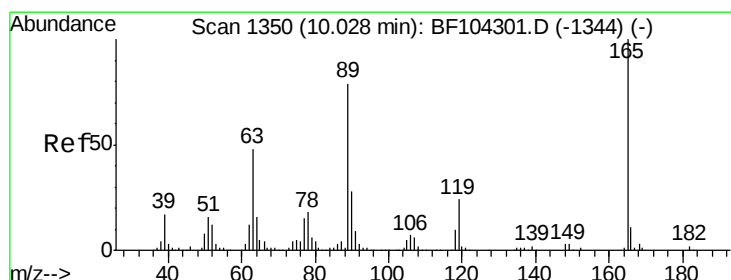
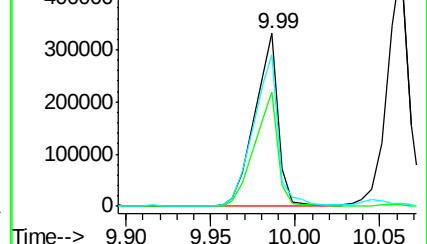
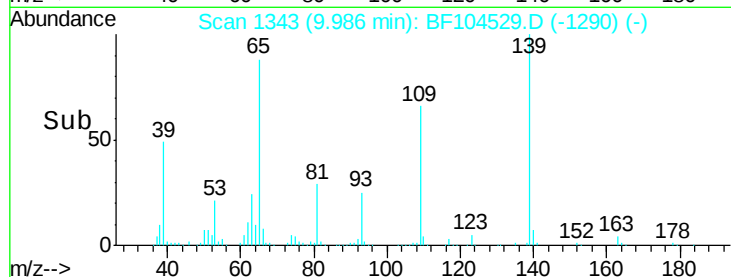
65 87.8 72.6 112.6



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: 48.640 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Tgt Ion:165 Resp: 259438

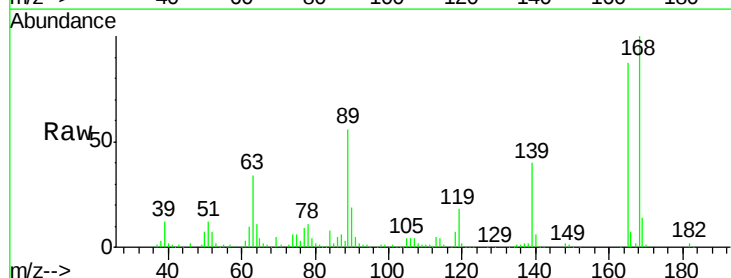
Ion Ratio Lower Upper

165 100

63 39.2 36.4 54.6

89 64.0 57.8 86.6

182 2.2 1.6 2.4

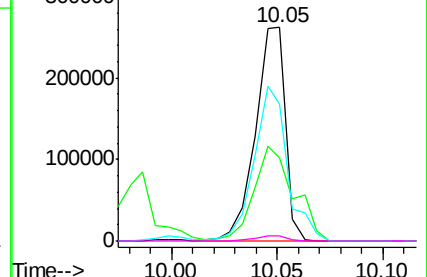
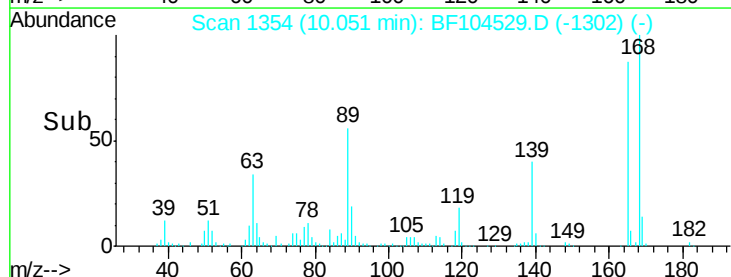


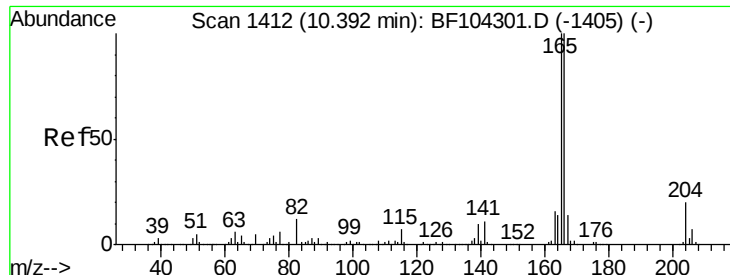
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

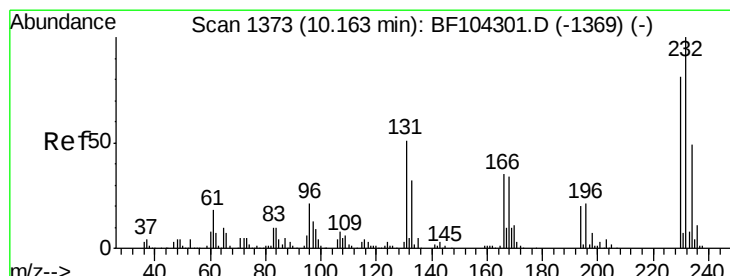
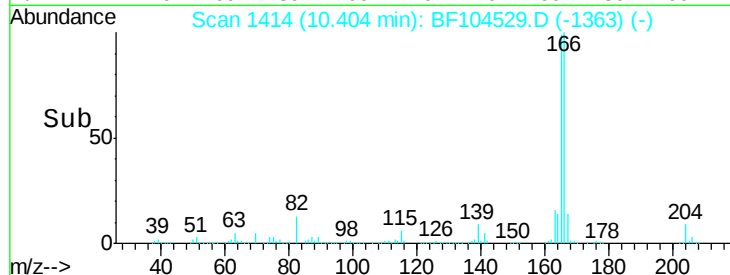
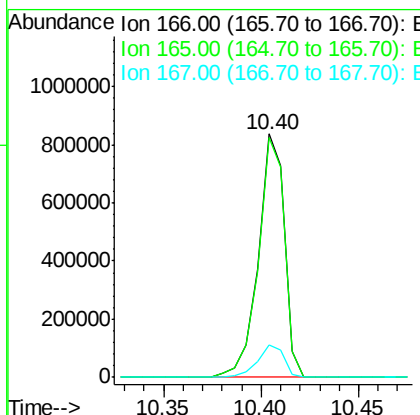
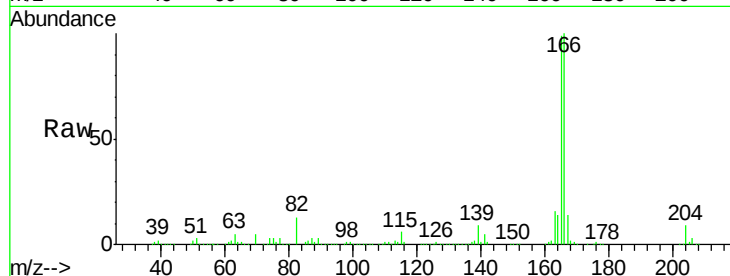




#57
 Fluorene
 Concen: 43.005 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

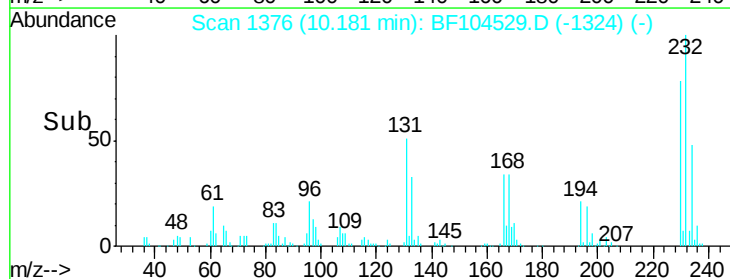
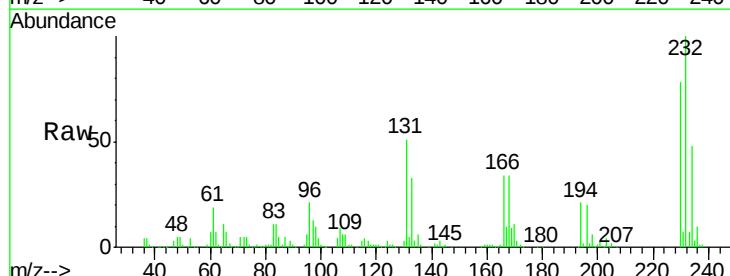
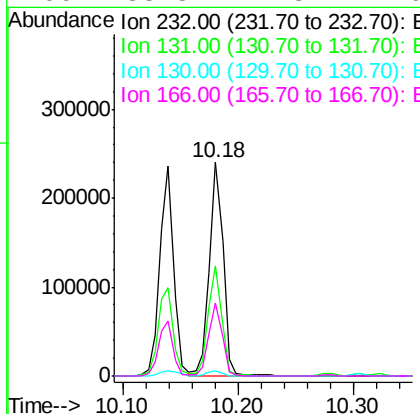
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

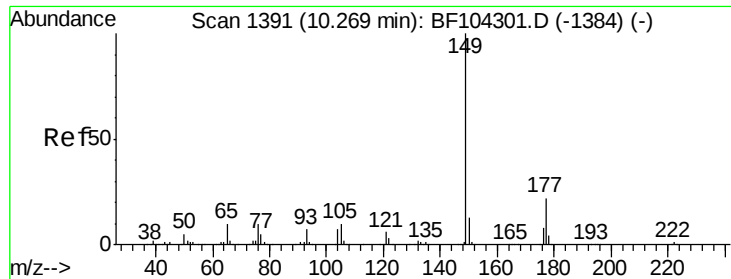
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.646 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	43.8	65.8
130	2.4	2.1	3.1
166	33.8	27.8	41.6

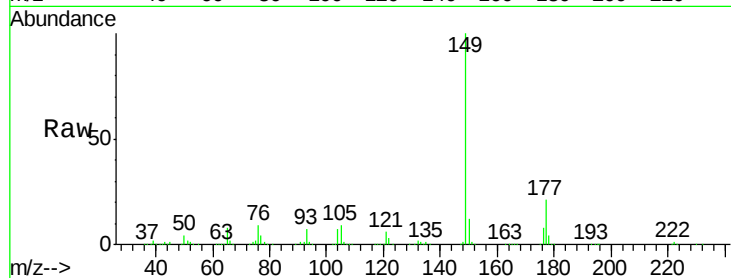




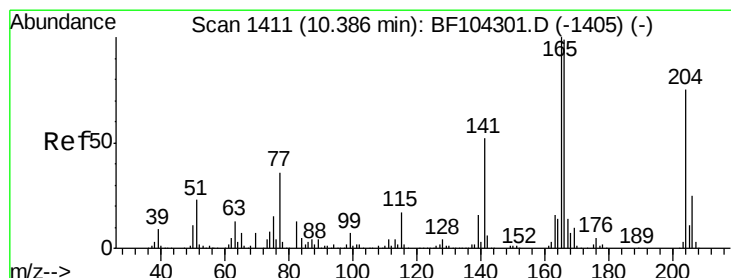
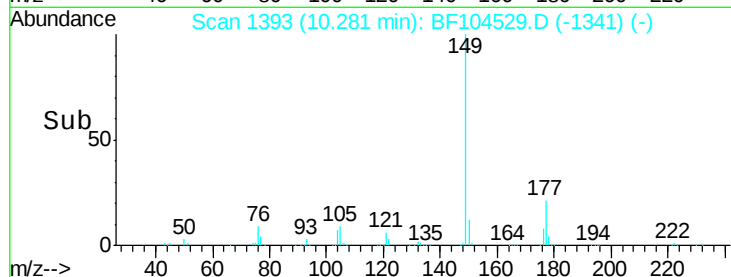
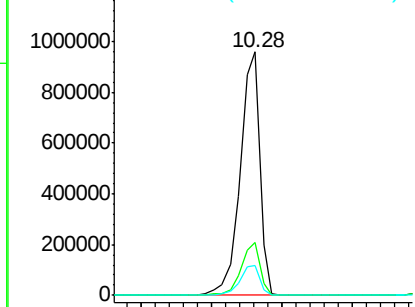
#59
Diethylphthalate
Concen: 42.249 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108229BS

Tot Ion:149 Resp: 924678
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.4 10.1 15.1

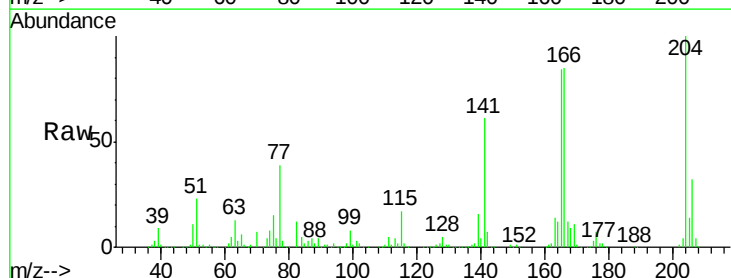


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

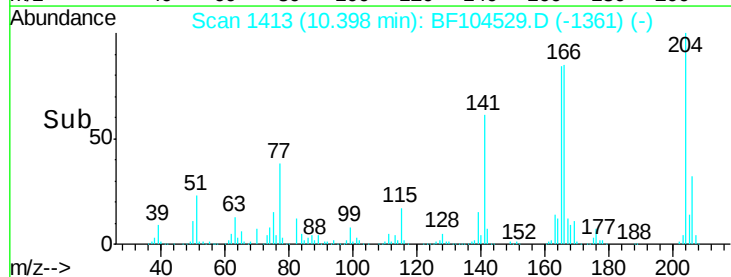
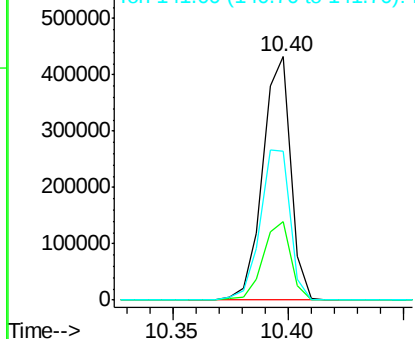


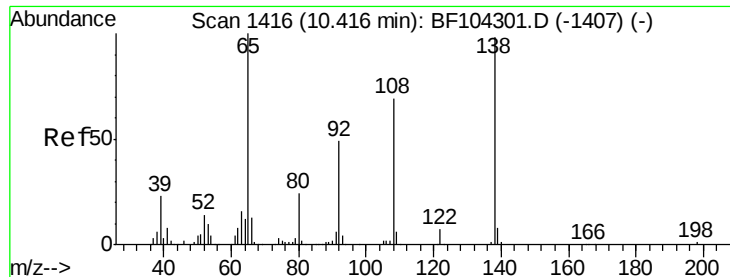
#60
4-Chlorophenyl-phenylether
Concen: 45.959 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:204 Resp: 367513
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.3 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

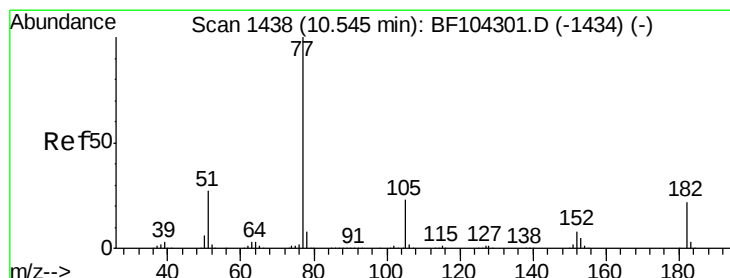
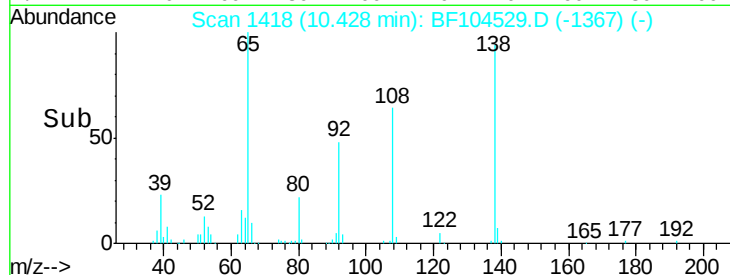
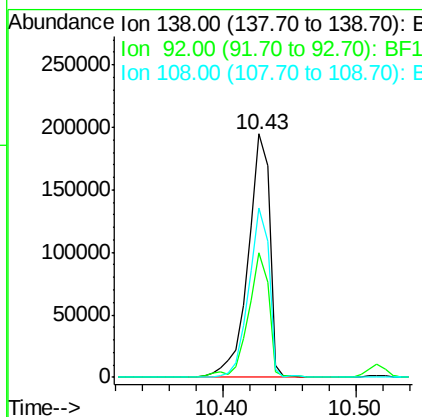
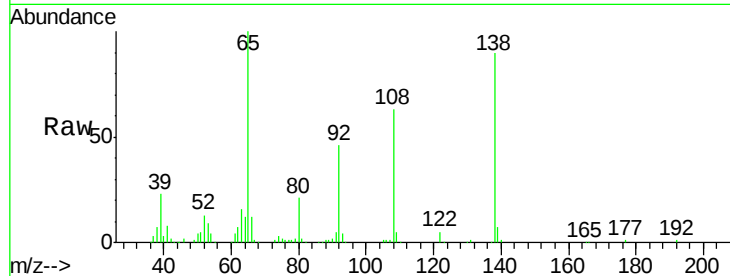




#61
4-Nitroaniline
Concen: 45.974 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

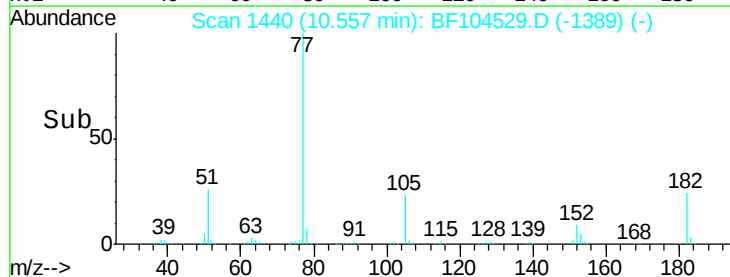
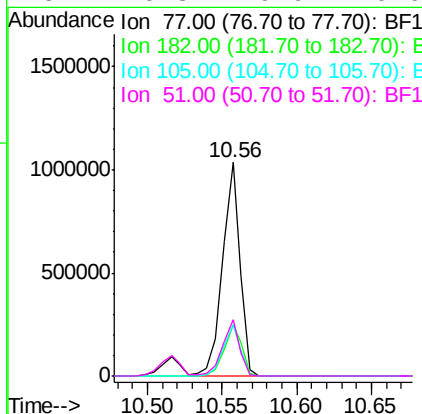
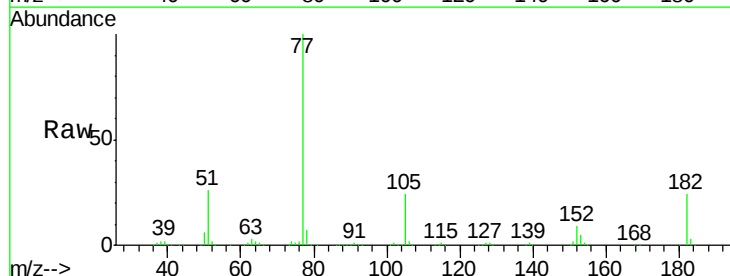
Instrument :
BNA_F
ClientSampleId :
PB108229BS

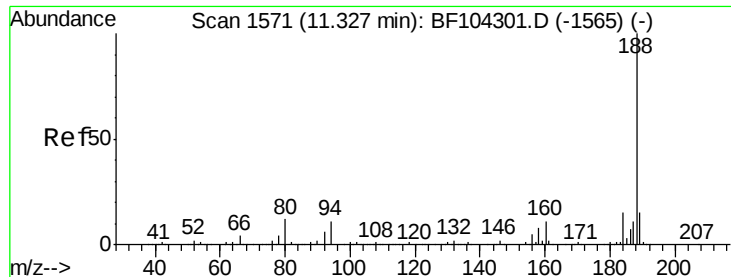
Tot Ion:138 Resp: 213993
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 69.4 52.5 92.5



#62
Azobenzene
Concen: 41.073 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion: 77 Resp: 858823
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 23.8 3.0 43.0
51 26.3 9.9 49.9

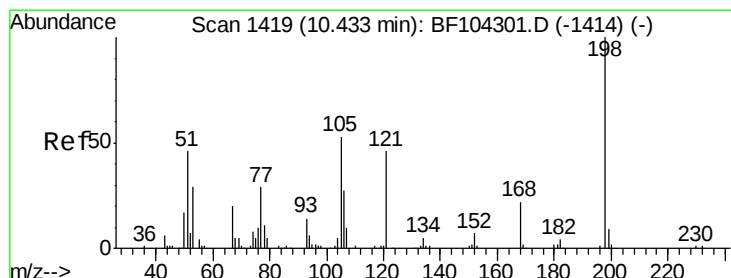
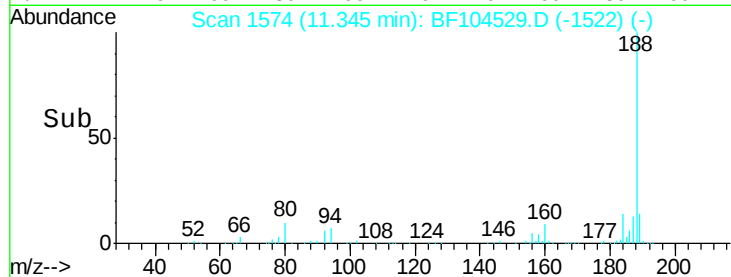
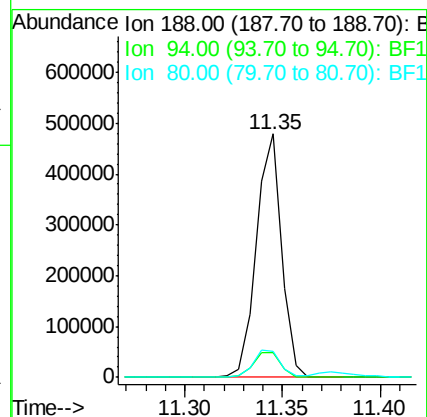
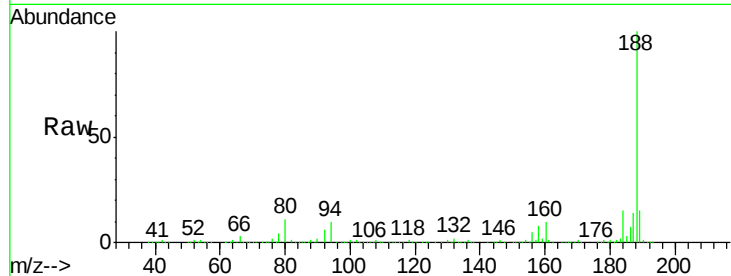




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

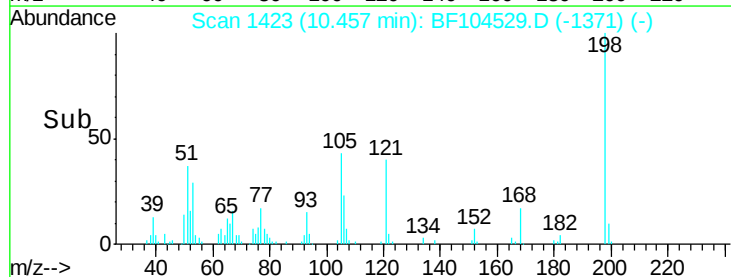
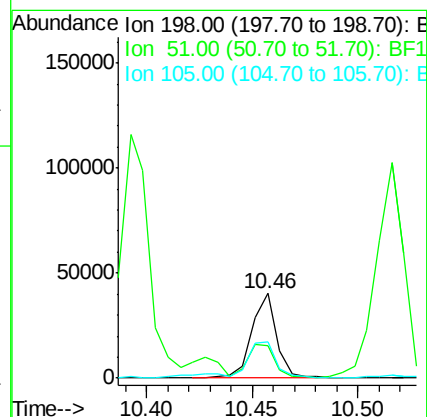
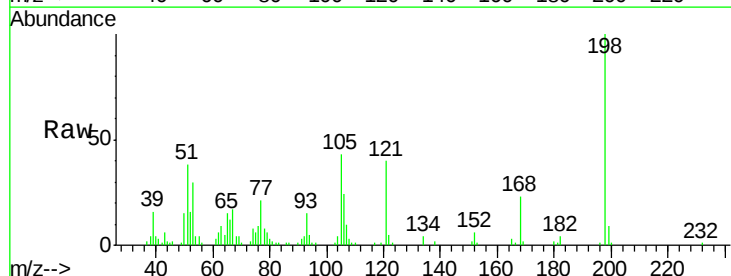
Instrument :
BNA_F
ClientSampleId :
PB108229BS

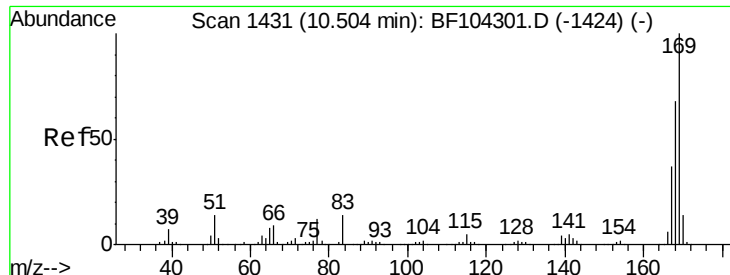
Tot Ion:188 Resp: 427821
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 20.625 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:198 Resp: 32665
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 42.8 36.3 76.3

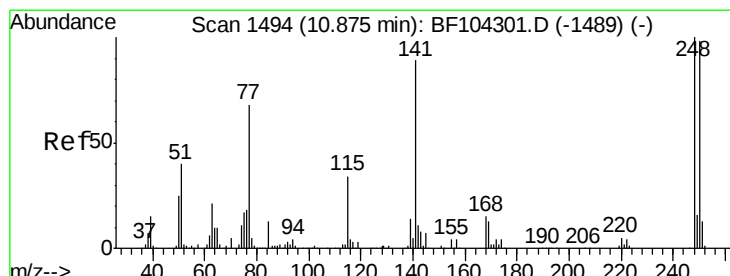
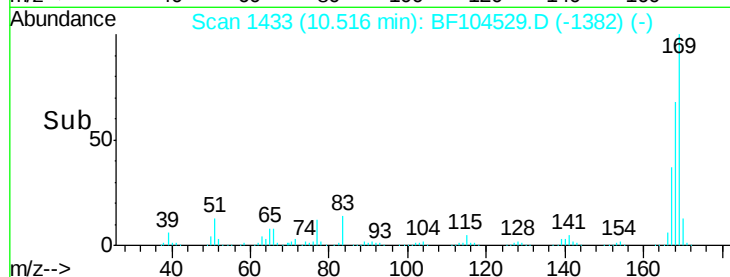
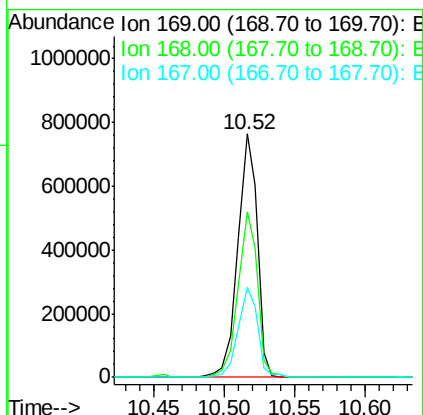
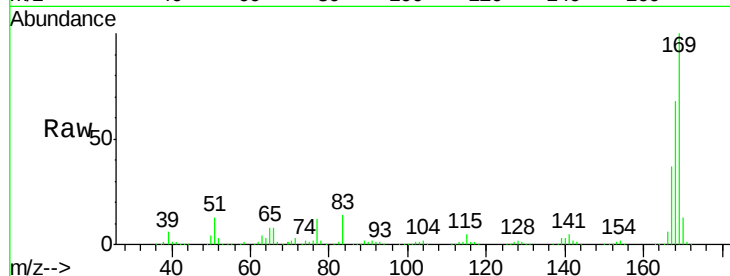




#65
 n-Nitrosodiphenylamine
 Concen: 49.254 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

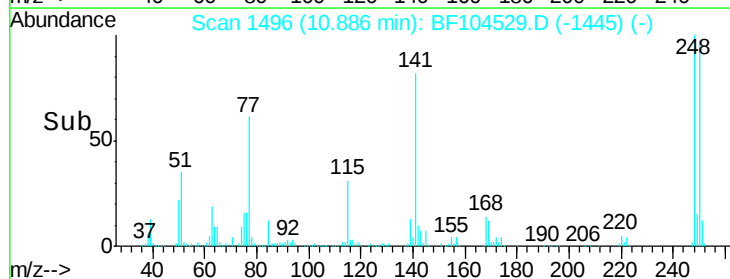
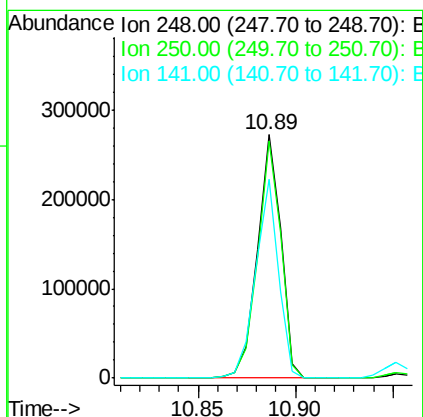
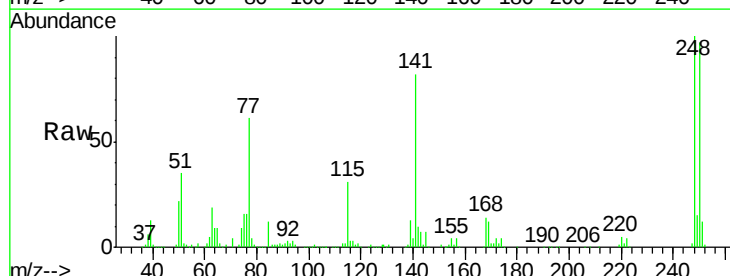
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.934 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	81.6	74.4	111.6

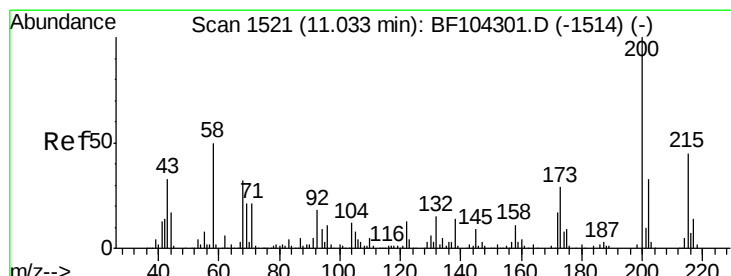
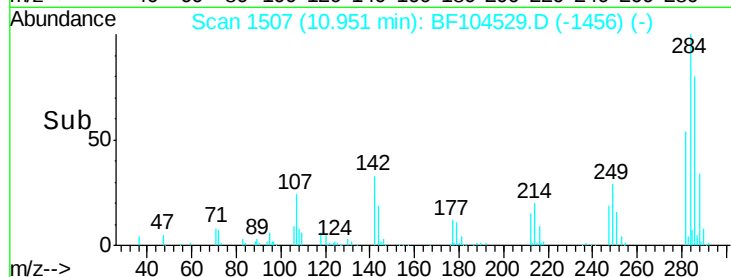
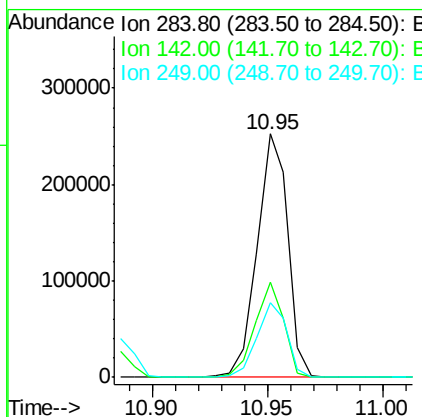
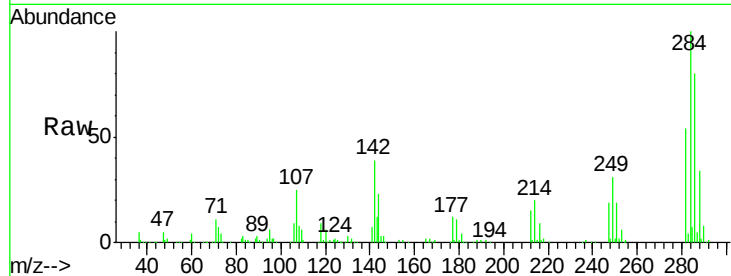




#67
Hexachlorobenzene
Concen: 45.597 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

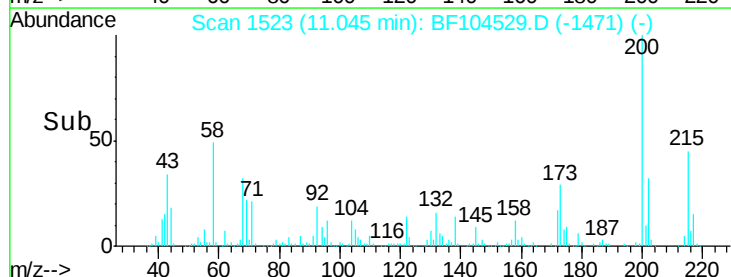
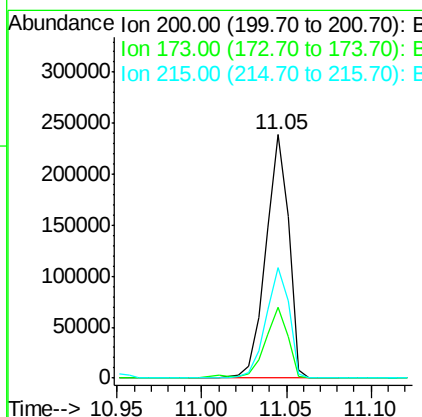
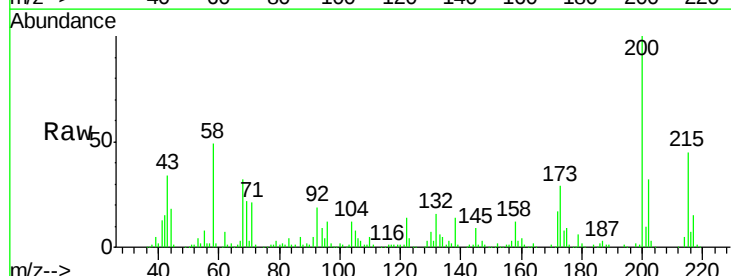
Instrument :
BNA_F
ClientSampleId :
PB108229BS

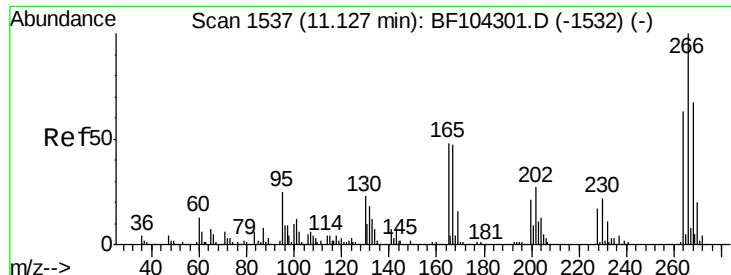
Tot Ion:284 Resp: 233475
Ion Ratio Lower Upper
284 100
142 39.0 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 49.683 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:200 Resp: 222454
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.3 25.1 65.1

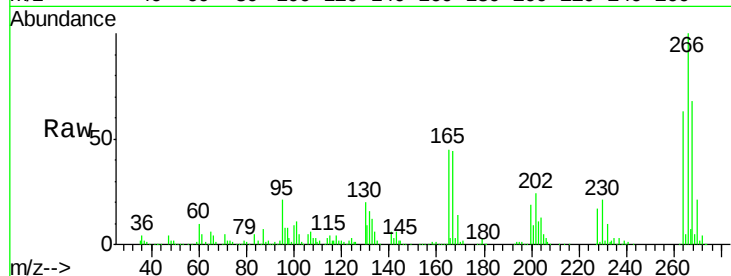




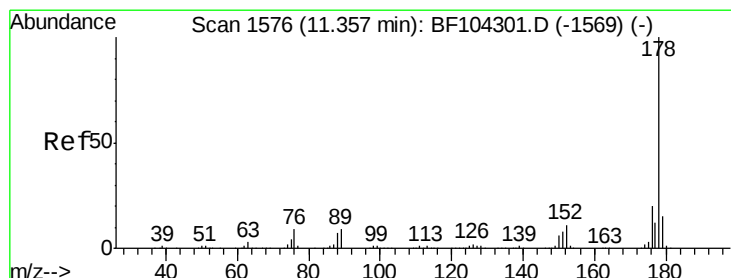
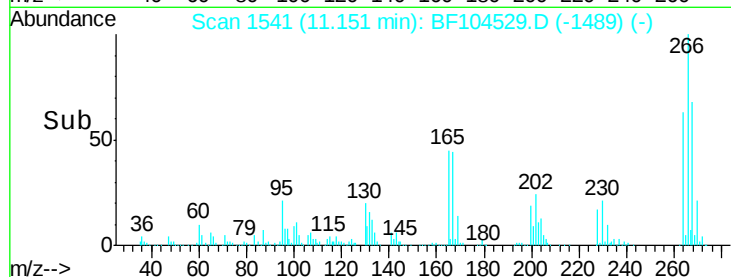
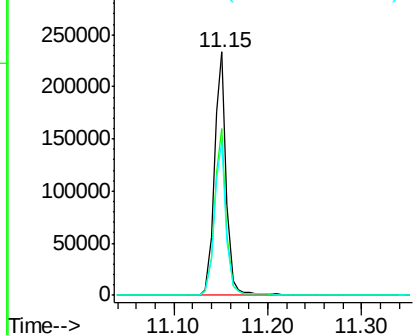
#69
 Pentachlorophenol
 Concen: 66.579 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

Tot Ion:266 Resp: 210905
 Ion Ratio Lower Upper
 266 100
 268 68.3 51.1 76.7
 264 63.0 49.5 74.3

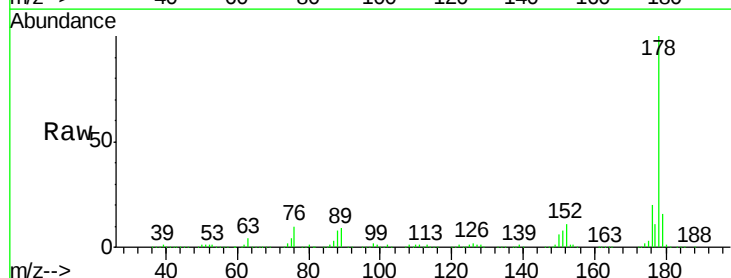


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

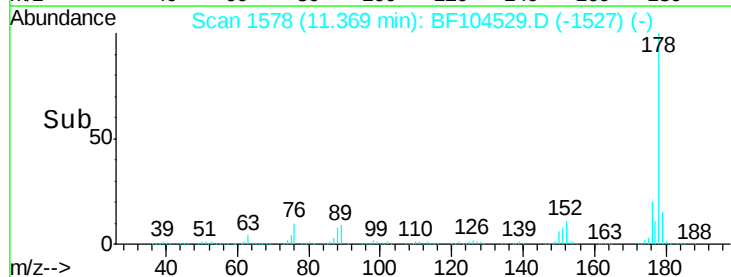
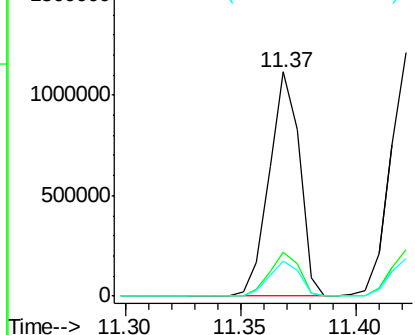


#70
 Phenanthrene
 Concen: 42.819 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:178 Resp: 1020155
 Ion Ratio Lower Upper
 178 100
 176 19.6 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

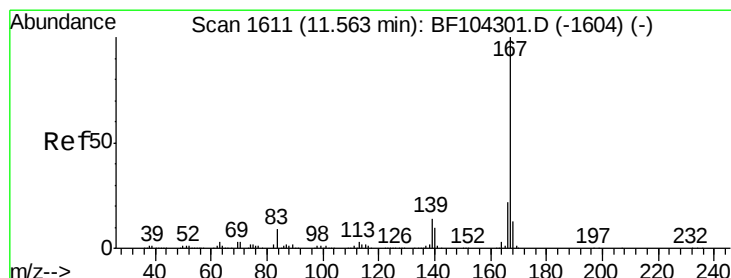
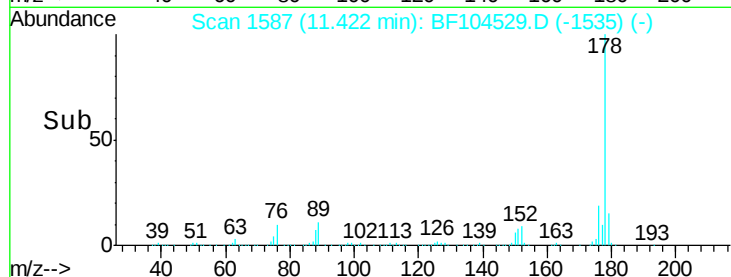
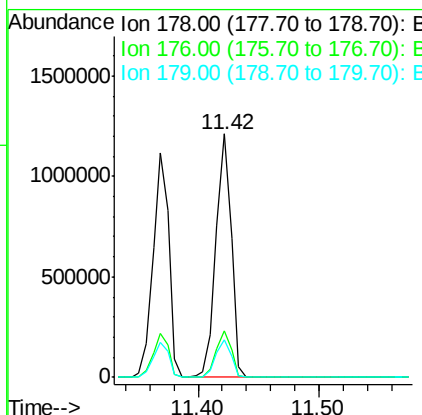
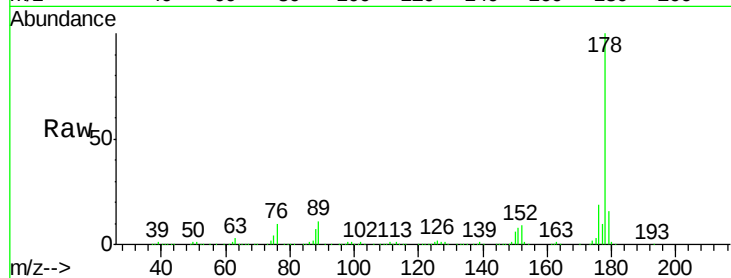




#71
 Anthracene
 Concen: 43.207 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

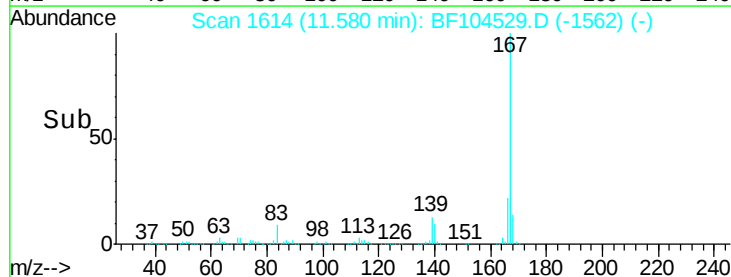
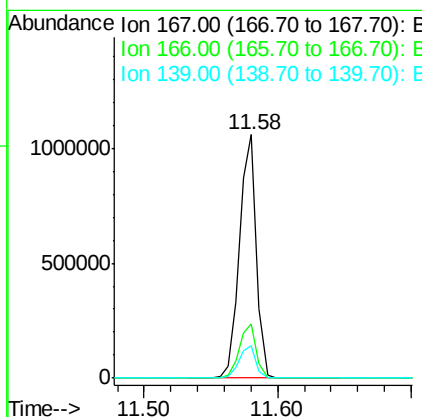
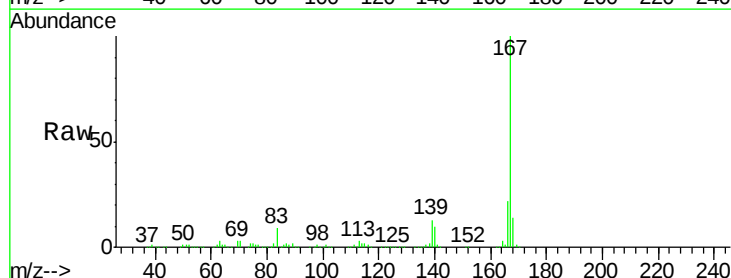
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

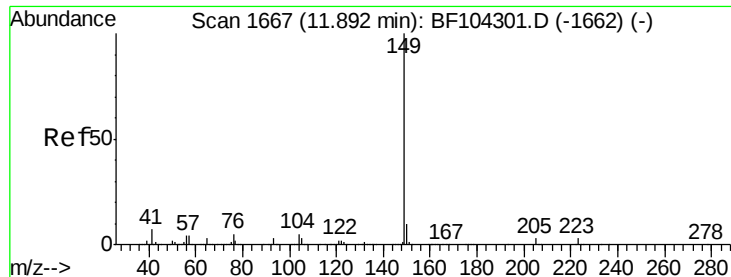
Tot Ion:178 Resp: 1046407
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.598 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:167 Resp: 937120
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.508 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

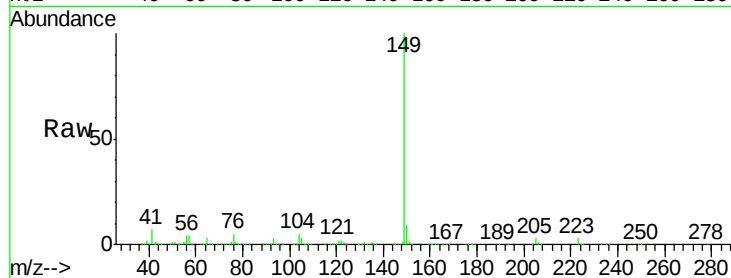
Tot Ion:149 Resp: 1286683

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

149 100

150 9.5 7.8 11.6

104 5.0 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

11.90

1500000

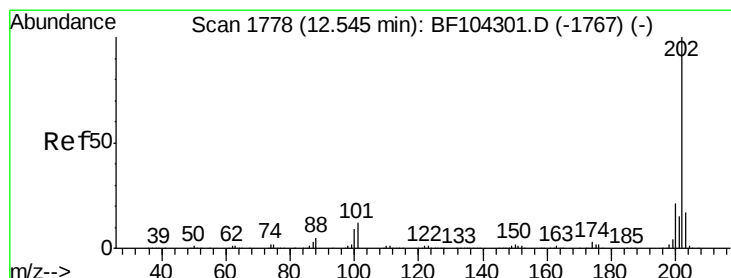
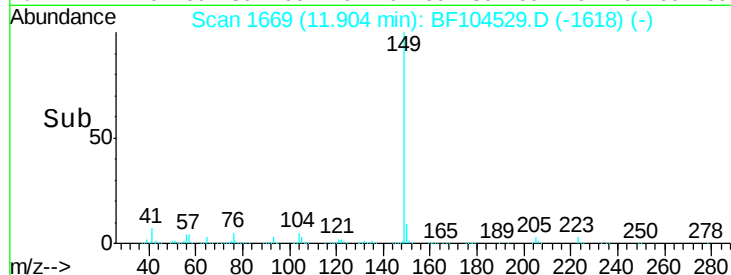
1000000

500000

0

Time-->

11.85 11.90 11.95



#74

Fluoranthene

Concen: 36.151 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

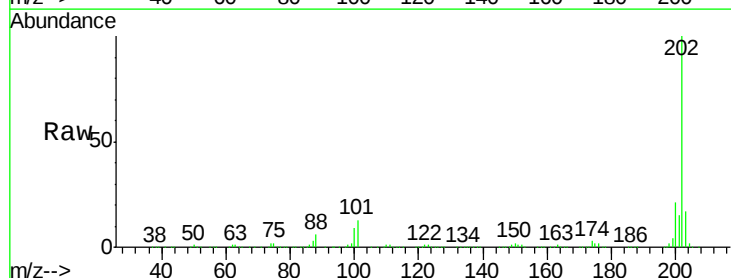
Tgt Ion:202 Resp: 899880

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.4	0.0	38.1

202 100

101 12.5 0.0 34.1

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.56

1200000

1000000

800000

600000

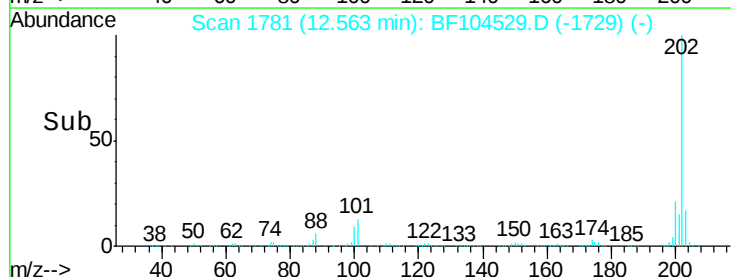
400000

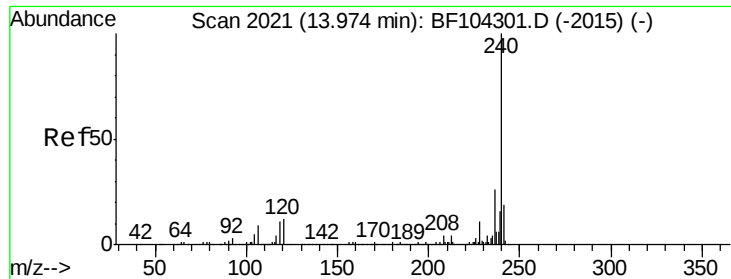
200000

0

Time-->

12.50 12.56 12.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

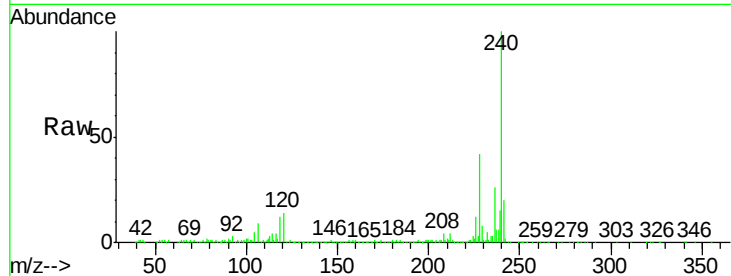
Tot Ion:240 Resp: 266113

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

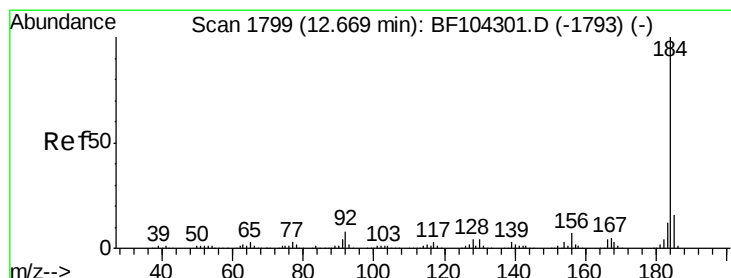
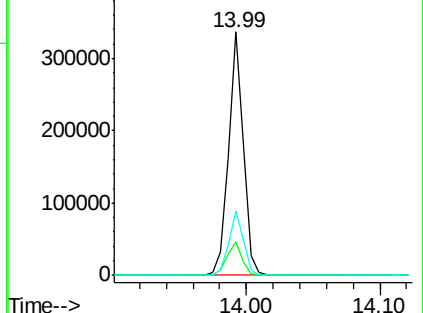
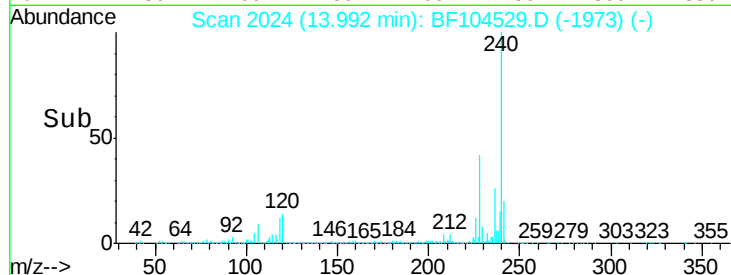
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

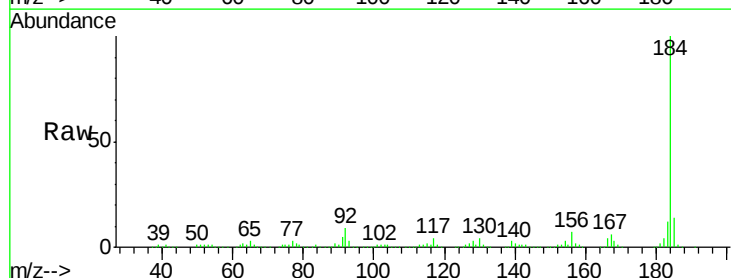
Tgt Ion:184 Resp: 674832

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

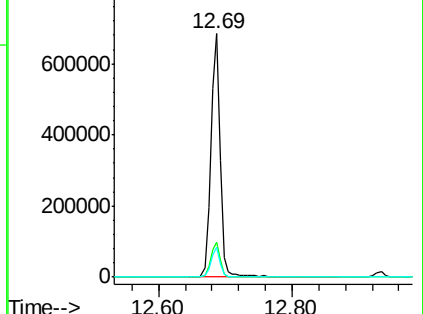
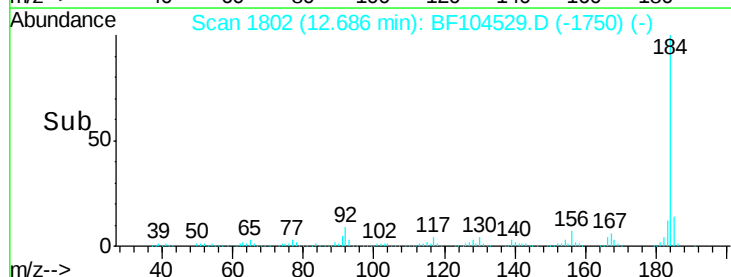
183 12.1 9.3 13.9

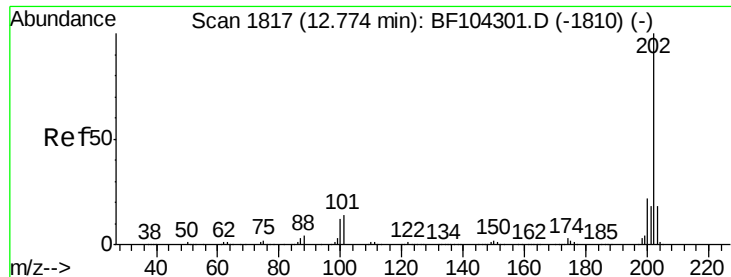


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.598 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

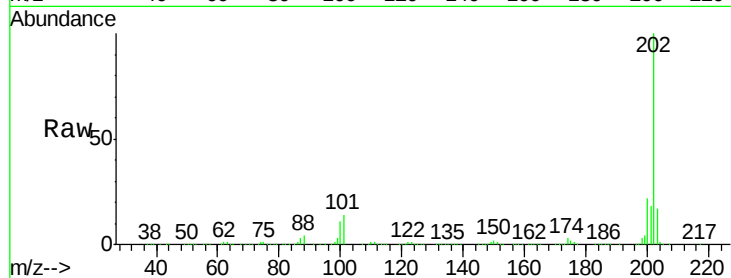
Tot Ion:202 Resp: 879706

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

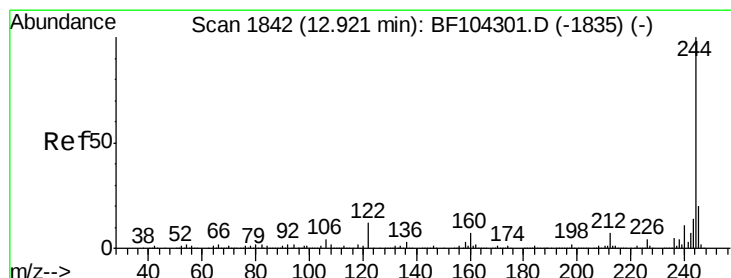
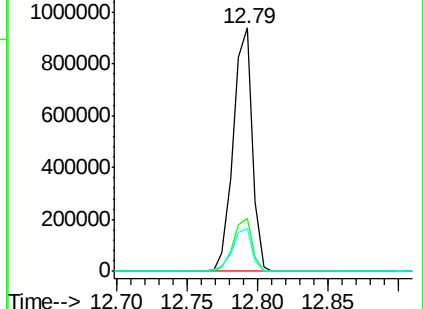
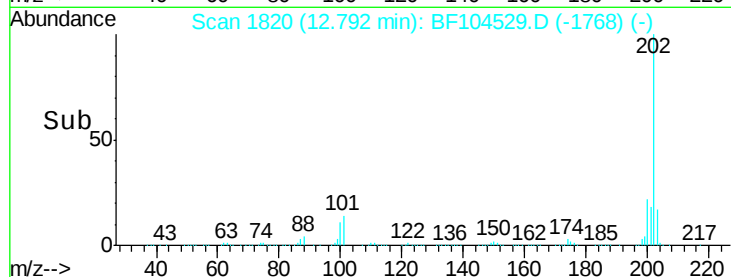
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.881 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

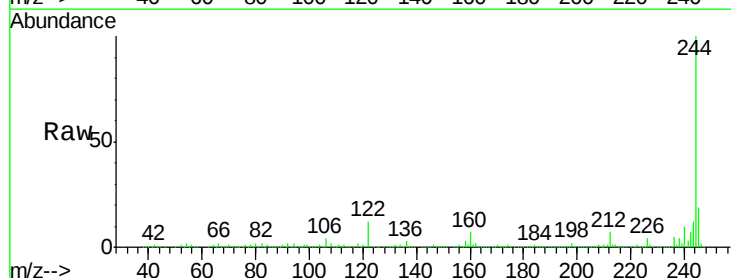
Tgt Ion:244 Resp: 1049130

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

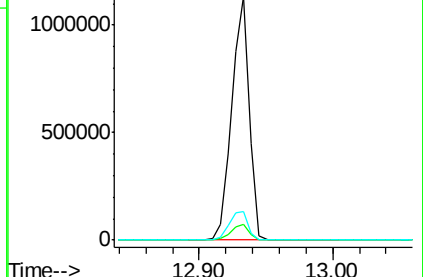
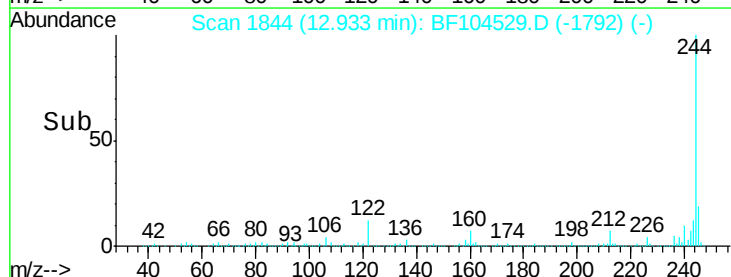
122 11.9 11.0 16.4

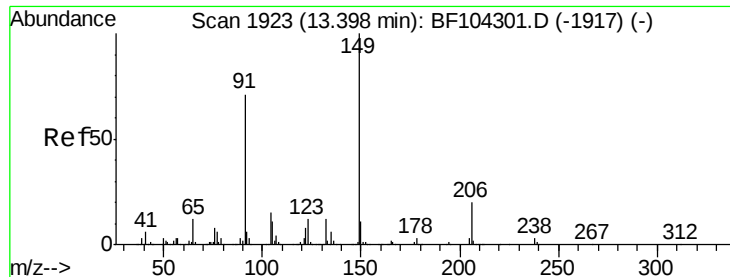


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

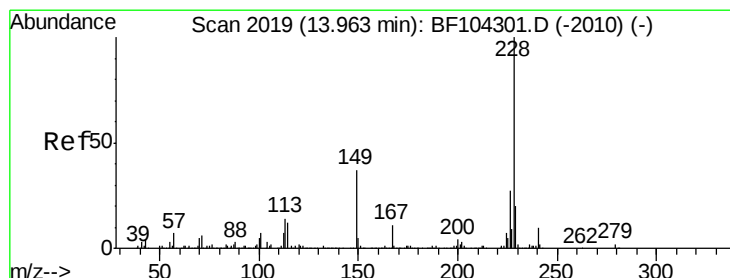
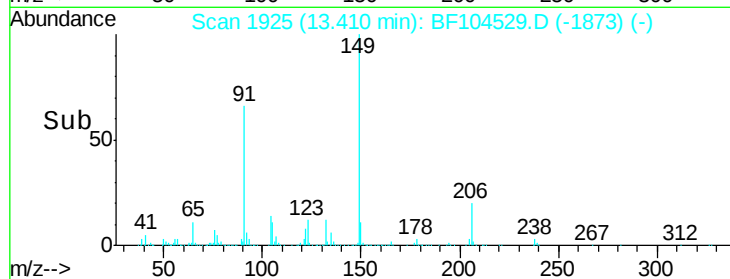
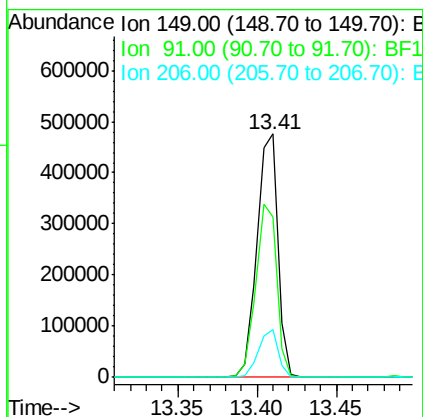
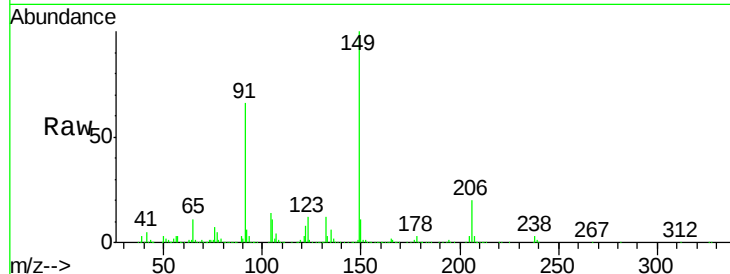




#79
Butylbenzylphthalate
Concen: 47.201 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

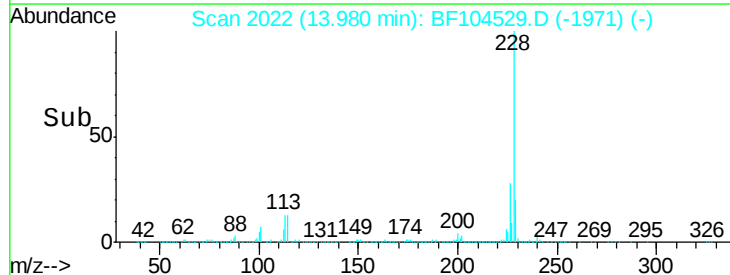
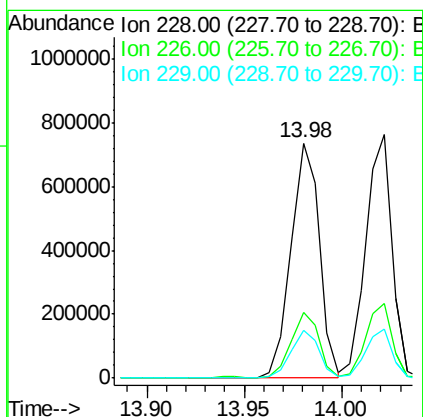
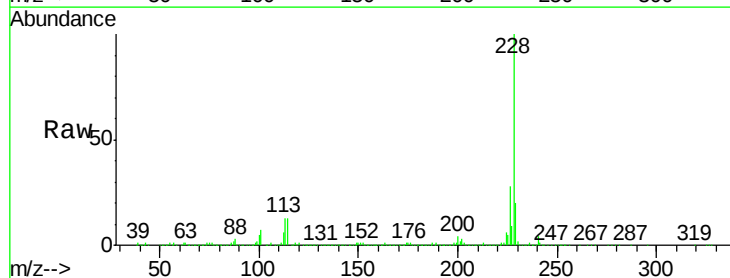
Instrument :
BNA_F
ClientSampleId :
PB108229BS

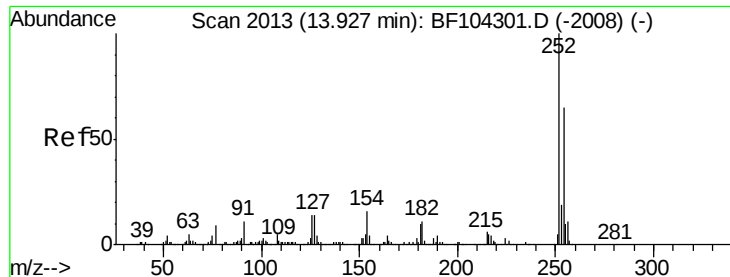
Tot Ion:149 Resp: 438628
Ion Ratio Lower Upper
149 100
91 65.6 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.633 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:228 Resp: 741368
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.5 15.8 23.6

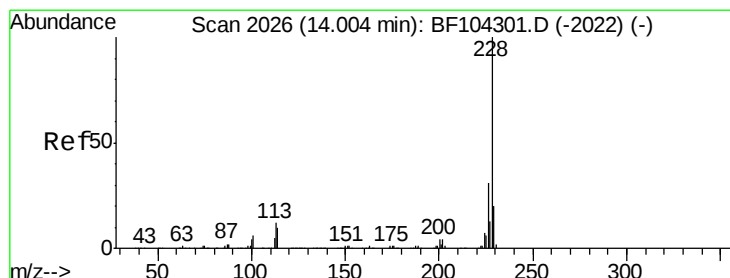
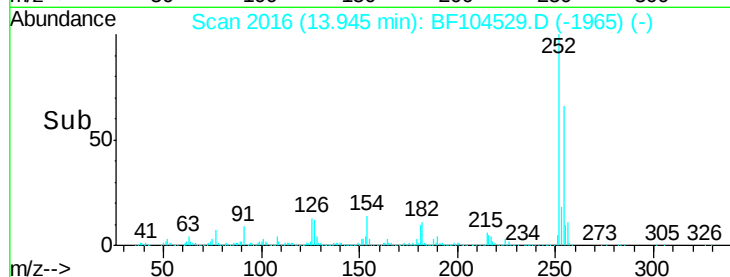
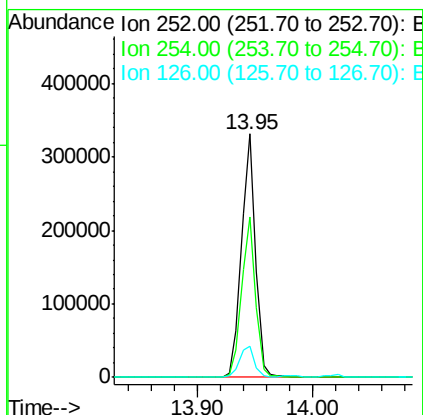
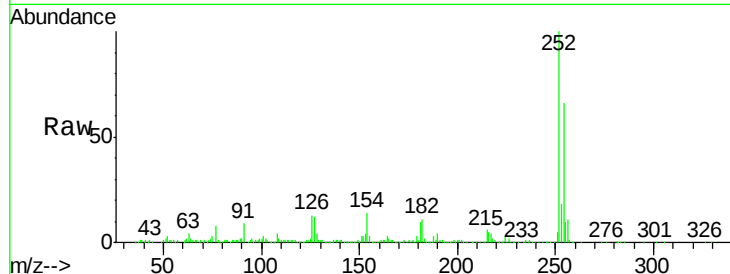




#81
 3,3'-Dichlorobenzidine
 Concen: 47.618 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

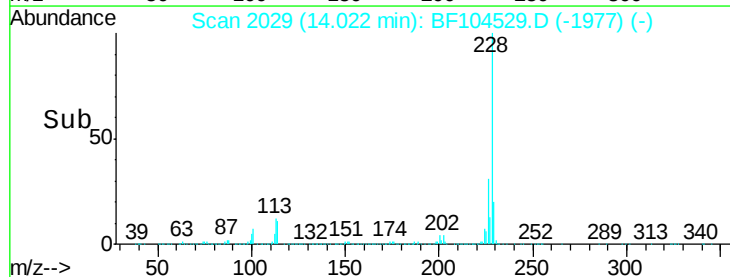
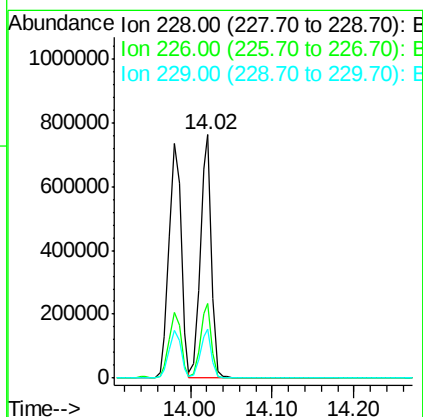
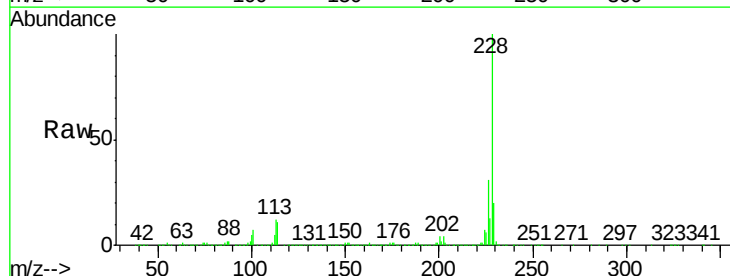
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

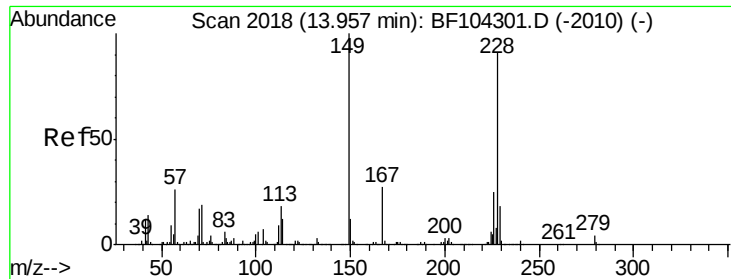
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 44.035 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

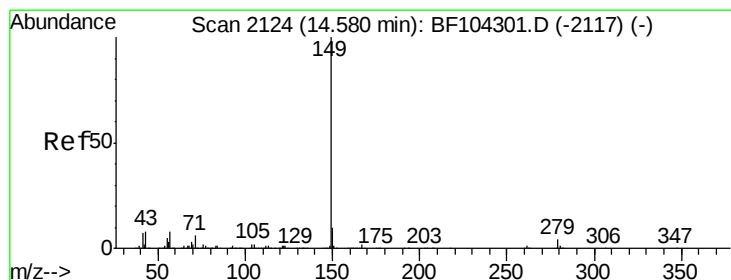
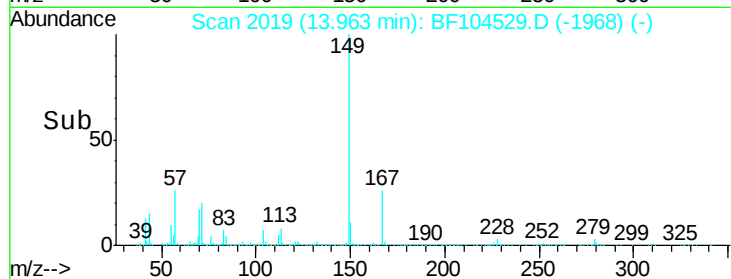
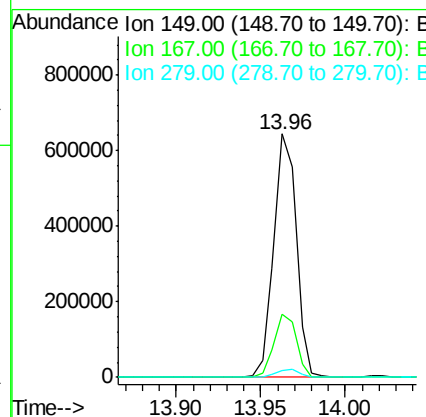
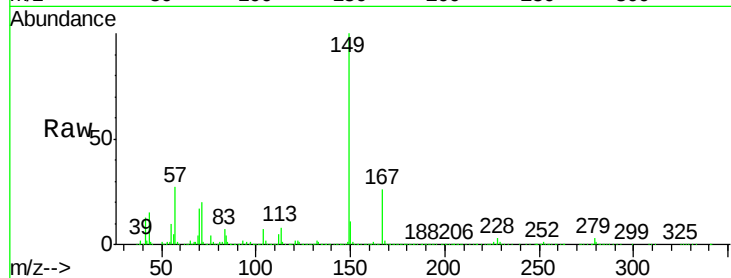




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.659 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

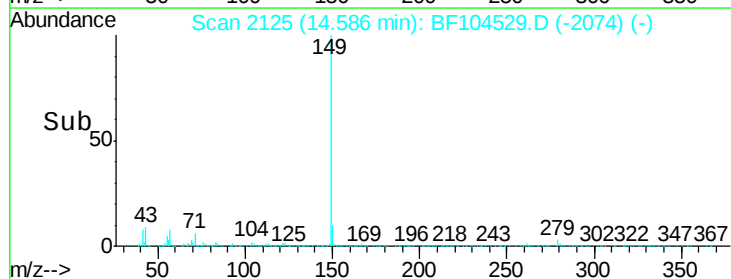
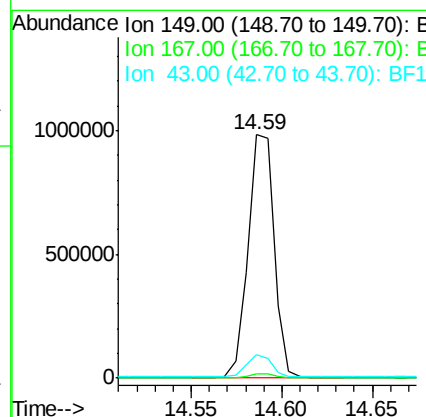
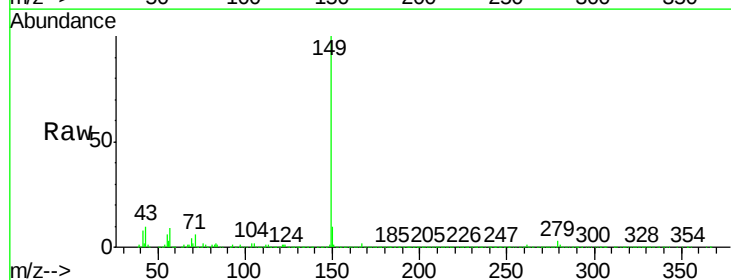
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BS

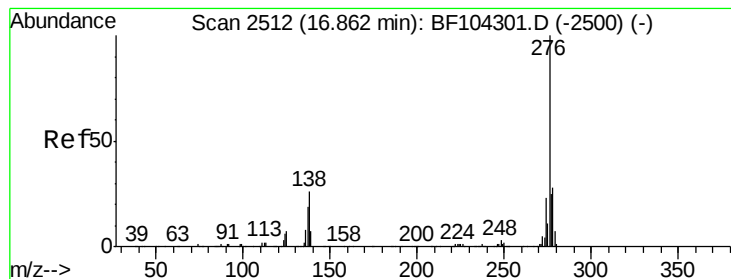
Tot Ion:149 Resp: 593575
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 48.925 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF104529.D
 Acq: 16 Apr 2018 12:59

Tgt Ion:149 Resp: 977138
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.996 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

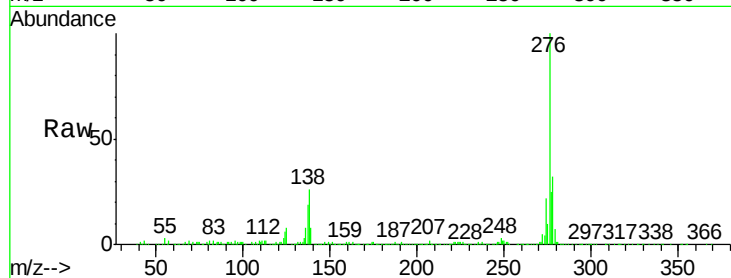
Tot Ion:276 Resp: 540935

Ion Ratio Lower Upper

276 100

138 29.5 25.0 37.6

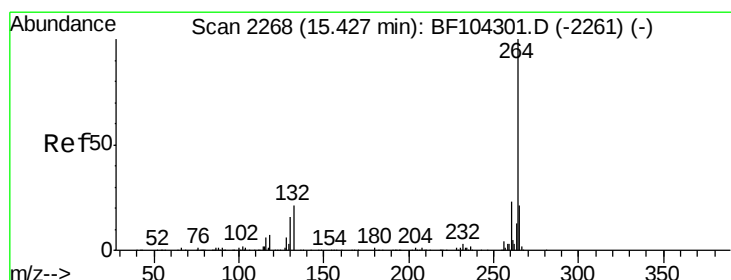
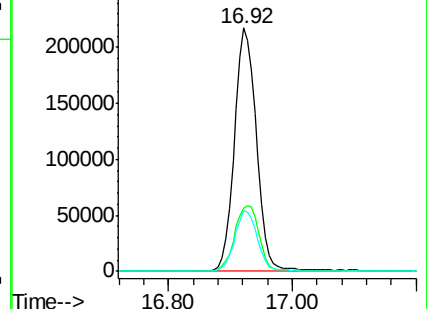
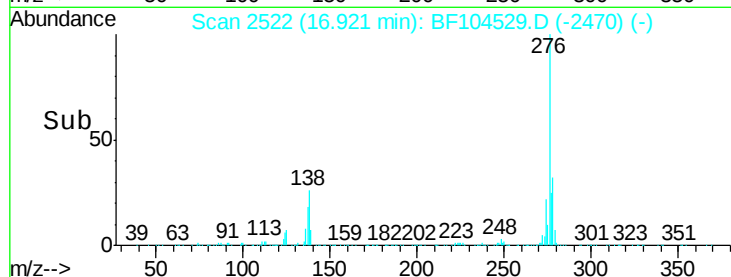
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

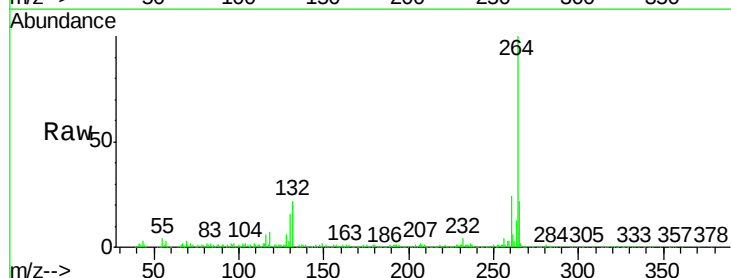
Tgt Ion:264 Resp: 221047

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

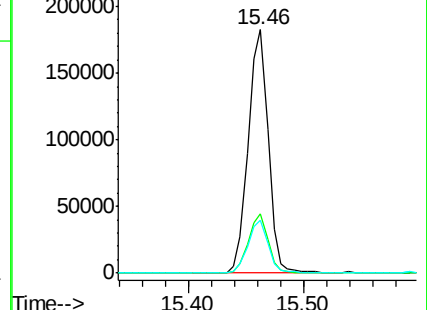
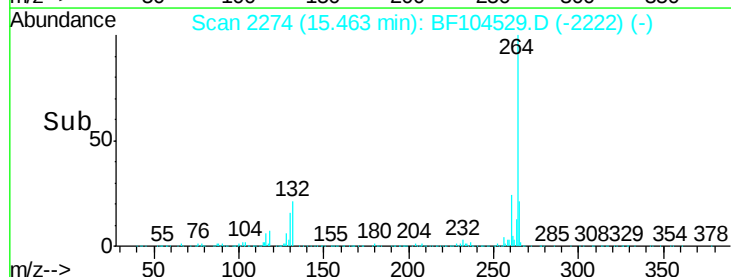
265 21.6 17.5 26.3

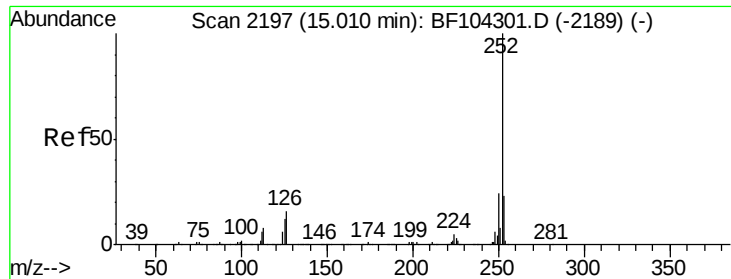


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

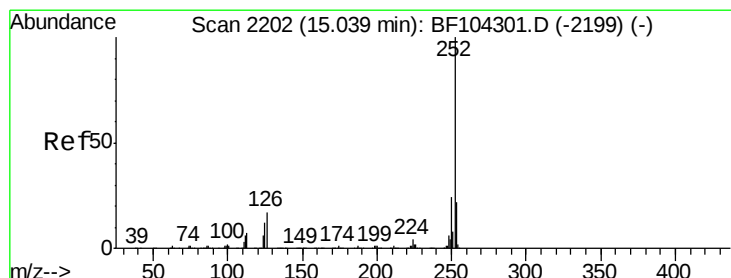
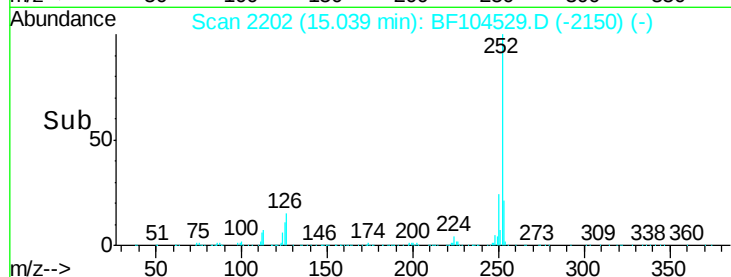
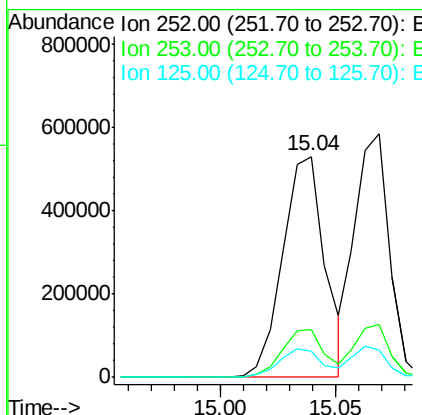
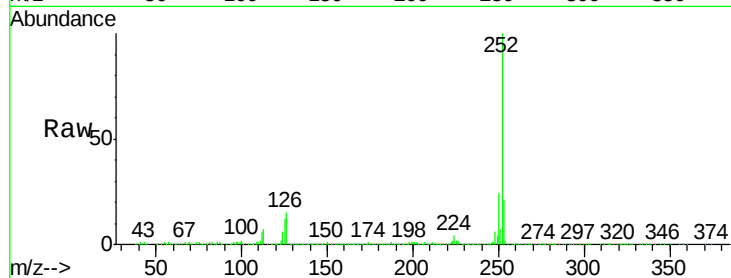




#87
Benzo(b)fluoranthene
Concen: 48.212 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

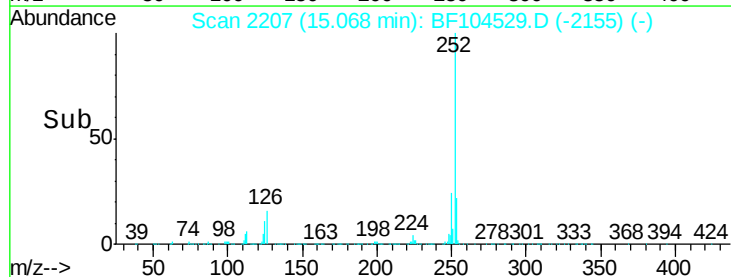
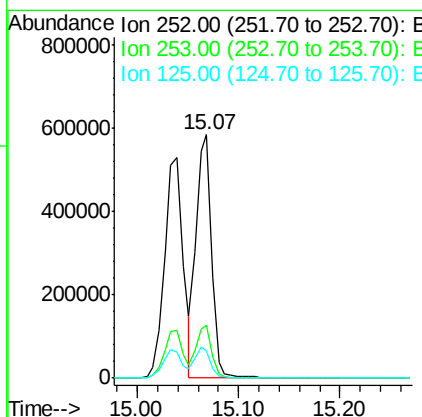
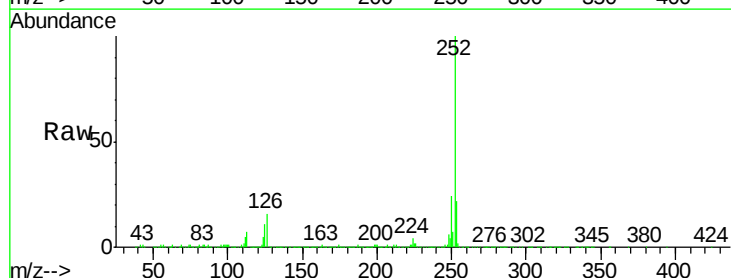
Instrument :
BNA_F
ClientSampleId :
PB108229BS

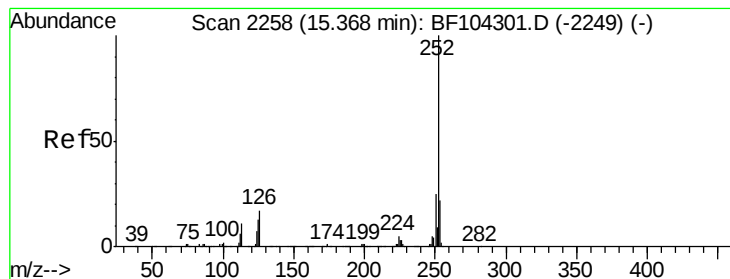
Tot Ion:252 Resp: 673082
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.784 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF104529.D
Acq: 16 Apr 2018 12:59

Tgt Ion:252 Resp: 616637
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.901 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

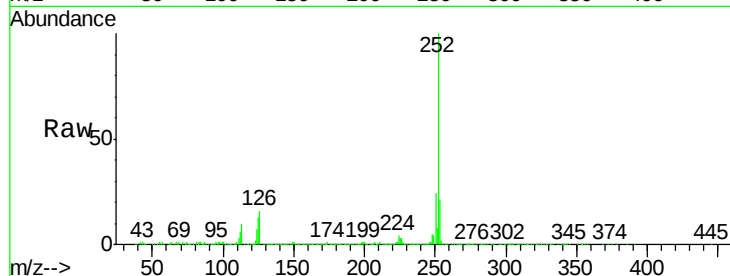
Tot Ion:252 Resp: 585871

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

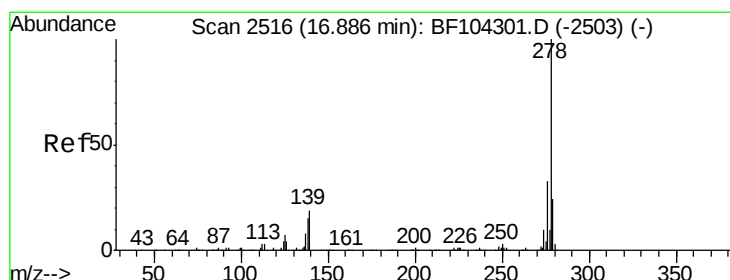
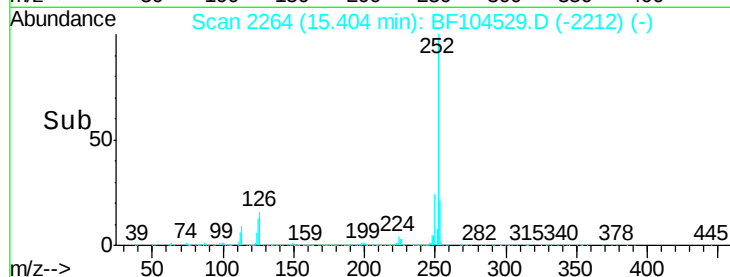
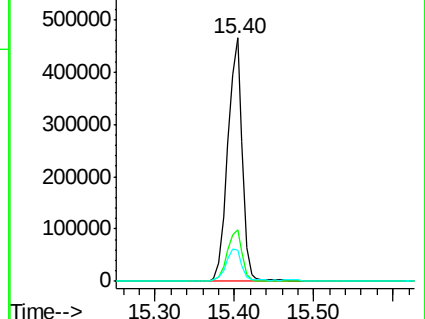
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.304 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

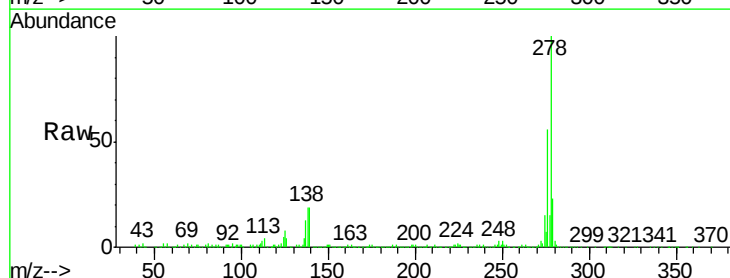
Tgt Ion:278 Resp: 454531

Ion Ratio Lower Upper

278 100

139 19.0 15.9 23.9

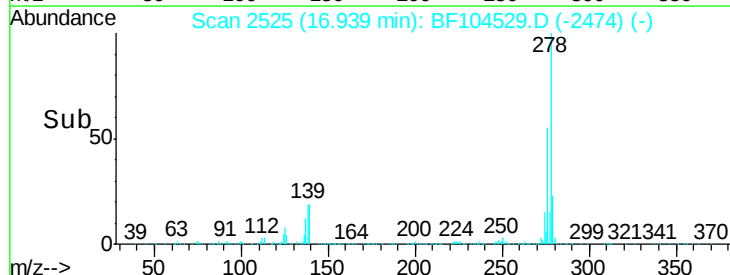
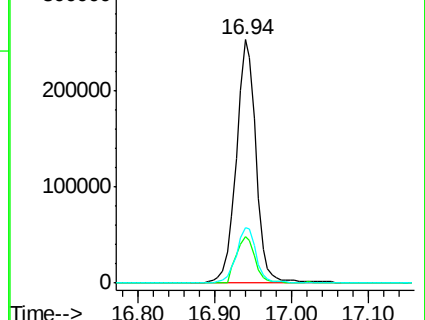
279 23.0 19.0 28.4

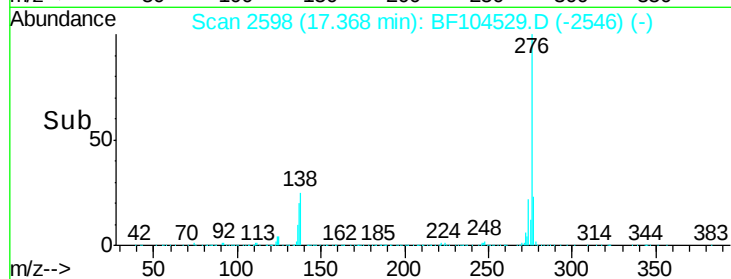
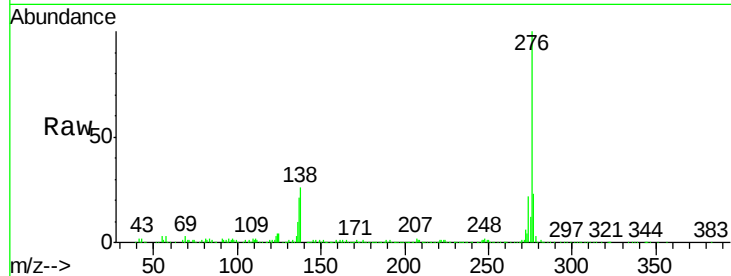
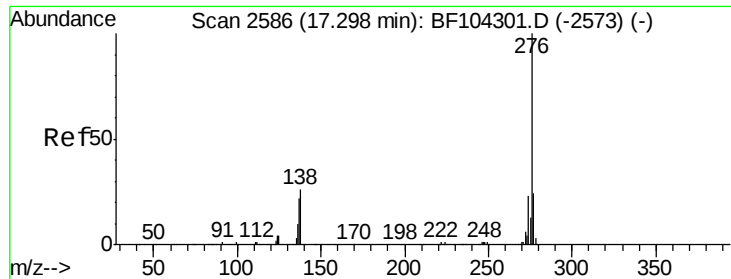


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.645 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF104529.D

Acq: 16 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108229BS

Tot Ion: 276 Resp: 433817

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 25.6 21.8 32.8

