

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104585.D
 Acq On : 18 Apr 2018 1:53
 Operator : JU/SJ
 Sample : PB108302BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Quant Time: Apr 18 02:33:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150078	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599788	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	249651	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	390140	20.00	ng	0.00
75) Chrysene-d12	13.98	240	276055	20.00	ng	0.00
86) Perylene-d12	15.44	264	213997	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1060276	108.03	ng	0.01
7) Phenol-d6	6.45	99	1316728	109.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	834563	90.86	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	278614	107.59	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1338965	84.73	ng	0.00
78) Terphenyl-d14	12.92	244	1024296	84.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	149567	32.704	ng	# 90
3) Pyridine	3.34	79	436236	33.926	ng	84
4) n-Nitrosodimethylamine	3.30	42	168475	37.482	ng	# 74
6) Aniline	6.47	93	222585	13.285	ng	# 83
8) 2-Chlorophenol	6.59	128	400469	38.657	ng	96
9) Benzaldehyde	6.36	77	244484	40.114	ng	93
10) Phenol	6.46	94	466234	36.437	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	382511	37.461	ng	95
12) 1,3-Dichlorobenzene	6.75	146	419960	35.783	ng	99
13) 1,4-Dichlorobenzene	6.82	146	425356	36.358	ng	99
14) 1,2-Dichlorobenzene	6.97	146	392297	36.185	ng	99
15) Benzyl Alcohol	6.95	79	324737	35.453	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	485381	35.396	ng	89
17) 2-Methylphenol	7.06	107	330896	36.746	ng	98
18) Hexachloroethane	7.32	117	138618	33.232	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	257426	32.667	ng	94
20) 3+4-Methylphenols	7.22	107	386544	34.611	ng	# 63
22) Acetophenone	7.22	105	511007	34.606	ng	97
24) Nitrobenzene	7.39	77	408768	40.307	ng	99
25) Isophorone	7.63	82	738069	37.998	ng	99
26) 2-Nitrophenol	7.70	139	211609	51.255	ng	97
27) 2,4-Dimethylphenol	7.75	122	347950	40.590	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	474333	39.941	ng	99
29) 2,4-Dichlorophenol	7.95	162	323196	39.514	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	330106	36.775	ng	100
31) Naphthalene	8.11	128	1097130	36.735	ng	100
32) Benzoic acid	7.87	122	247473	36.181	ng	99
33) 4-Chloroaniline	8.16	127	91154	7.124	ng	96
34) Hexachlorobutadiene	8.22	225	178042	36.211	ng	98
35) Caprolactam	8.54	113	105924	37.123	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	342624	39.066	ng	99
37) 2-Methylnaphthalene	8.80	142	710297	36.767	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302167	42.282	ng	99
40) Hexachlorocyclopentadiene	8.95	237	74897	18.720	ng	98

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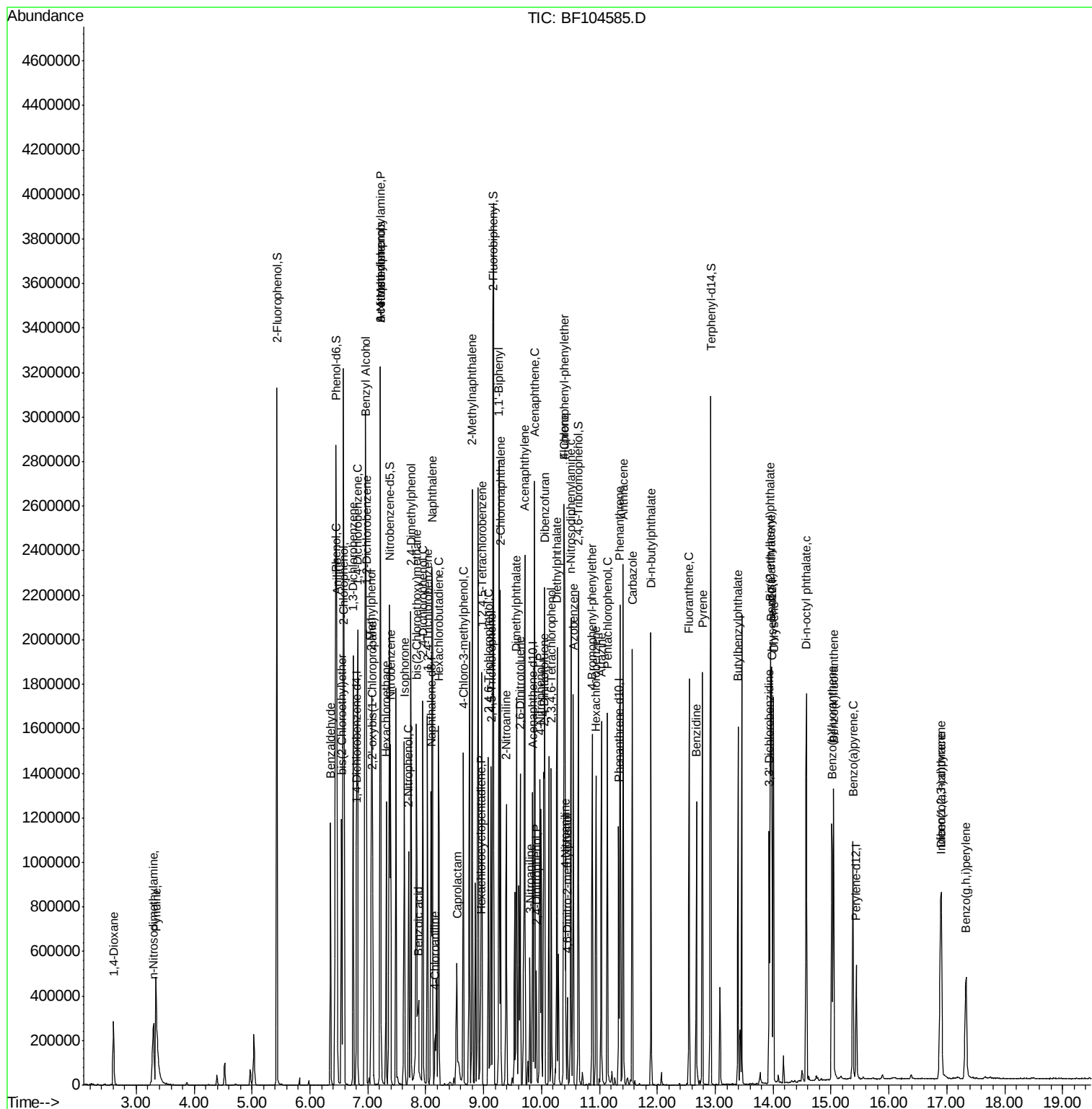
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42) 2,4,6-Trichlorophenol	9.09	196	211703	42.674	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	219955	39.621	nq	95
45) 1,1'-Biphenyl	9.27	154	813696	38.798	nq	99
46) 2-Chloronaphthalene	9.29	162	639031	38.576	nq	99
47) 2-Nitroaniline	9.39	65	196095	47.867	nq	97
48) Acenaphthylene	9.71	152	949337	36.526	nq	100
49) Dimethylphthalate	9.57	163	771853	39.206	nq	100
50) 2,6-Dinitrotoluene	9.63	165	166841	45.800	nq	95
51) Acenaphthene	9.88	154	547971	34.555	nq	100
52) 3-Nitroaniline	9.80	138	87088	20.421	nq	99
53) 2,4-Dinitrophenol	9.91	184	60577	49.736	nq	# 20
54) Dibenzofuran	10.05	168	829683	37.543	nq	98
55) 4-Nitrophenol	9.97	139	261658	78.106	nq	92
56) 2,4-Dinitrotoluene	10.04	165	209130	43.766	nq	94
57) Fluorene	10.40	166	611549	38.018	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160673	38.794	nq	94
59) Diethylphthalate	10.27	149	717214	36.580	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	288534	40.277	nq	98
61) 4-Nitroaniline	10.42	138	132882	31.867	nq	96
62) Azobenzene	10.55	77	655275	34.981	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	46559	28.100	nq	81
65) n-Nitrosodiphenylamine	10.51	169	568381	42.018	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	176067	42.427	nq	95
67) Hexachlorobenzene	10.94	284	186155	39.867	nq	# 85
68) Atrazine	11.03	200	174081	42.634	nq	99
69) Pentachlorophenol	11.14	266	177199	61.341	nq	99
70) Phenanthrene	11.36	178	811877	37.368	nq	99
71) Anthracene	11.41	178	828973	37.535	nq	100
72) Carbazole	11.57	167	760418	35.235	nq	99
73) Di-n-butylphthalate	11.89	149	1004427	38.100	nq	99
74) Fluoranthene	12.55	202	775473	34.162	nq	97
76) Benzidine	12.67	184	474021	56.615	nq	98
77) Pyrene	12.78	202	767868	37.526	nq	99
79) Butylbenzylphthalate	13.39	149	381017	39.525	nq	99
80) Benzo(a)anthracene	13.97	228	663775	40.249	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	219671	35.724	nq	96
82) Chrysene	14.01	228	630018	37.192	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	525725	42.399	nq	98
84) Di-n-octyl phthalate	14.57	149	879364	42.444	nq	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	474366	32.965	nq	98
87) Benzo(b)fluoranthene	15.02	252	573473	42.430	nq	98
88) Benzo(k)fluoranthene	15.04	252	500311	39.209	nq	100
89) Benzo(a)pyrene	15.38	252	488839	40.423	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	396265	39.897	nq	98
91) Benzo(g,h,i)perylene	17.33	276	387449	40.265	nq	97

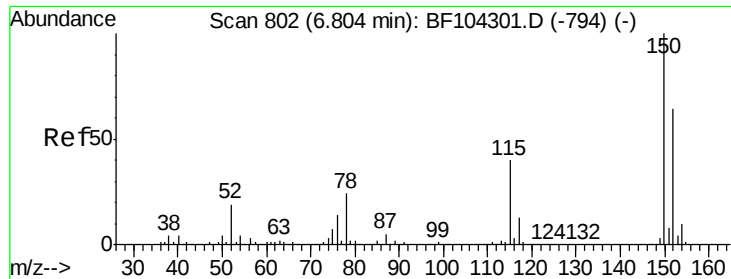
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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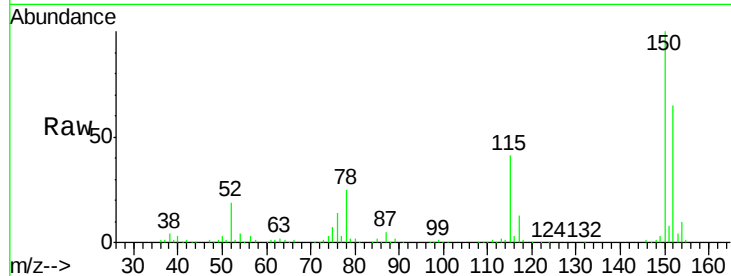


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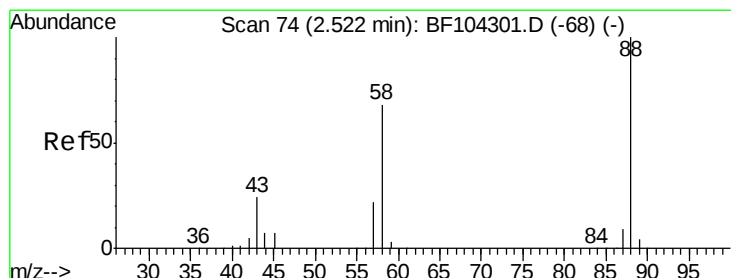
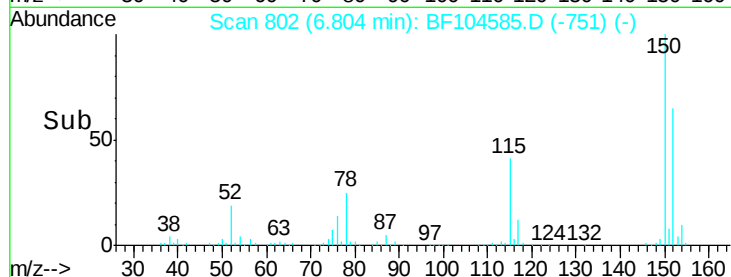
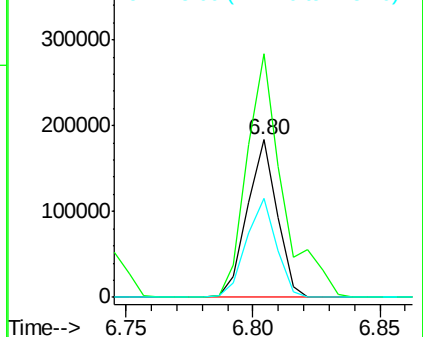
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion:152 Resp: 150078
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.8 50.1 75.1



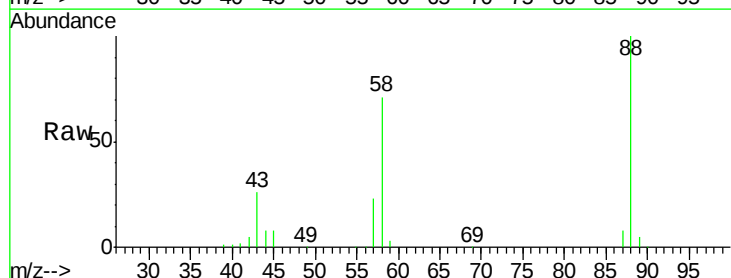
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



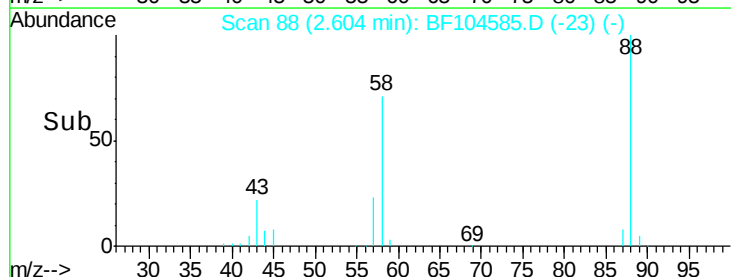
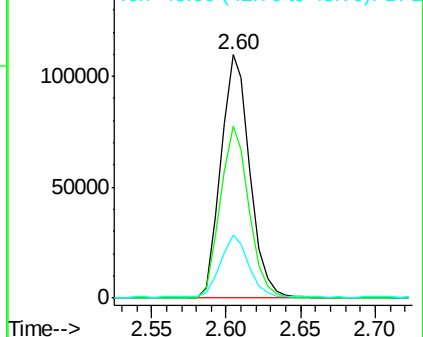
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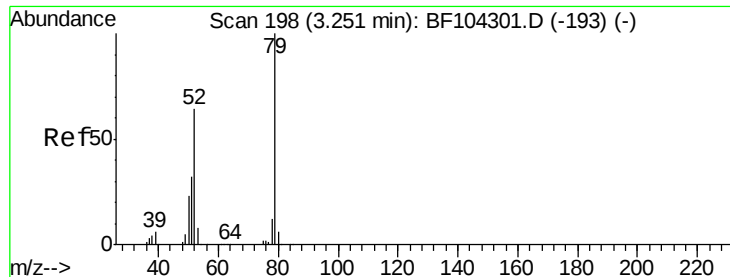
1,4-Dioxane
Concen: 32.704 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion: 88 Resp: 149567
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.3 24.6 37.0#



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

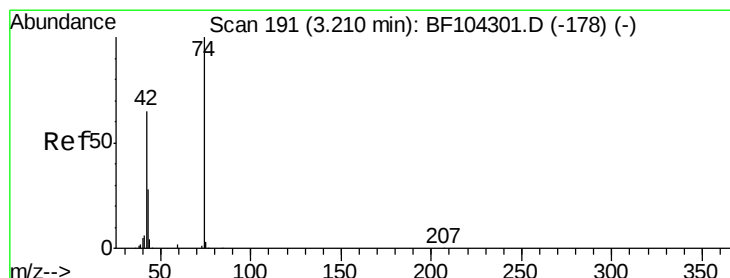
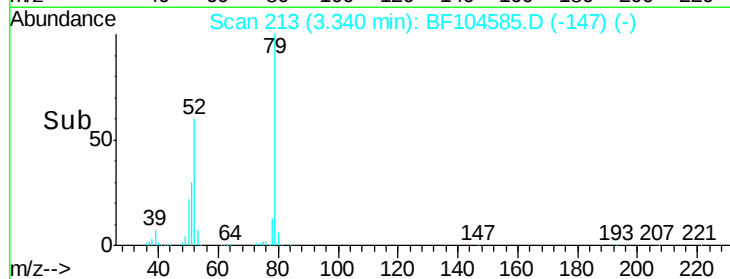
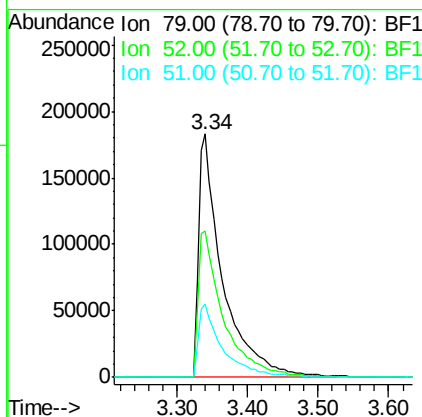
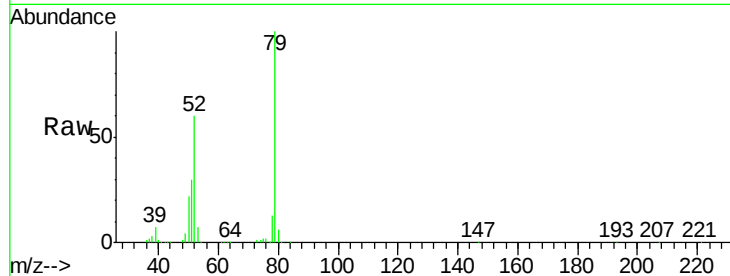




#3
 Pvrindine
 Concen: 33.926 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

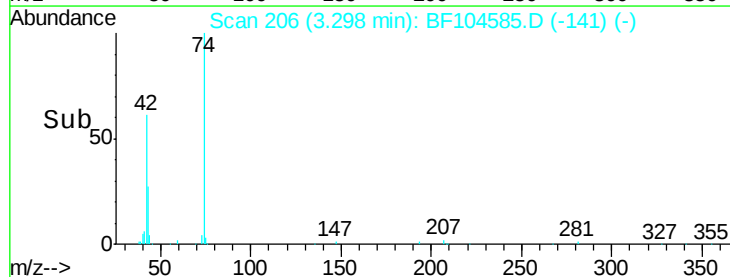
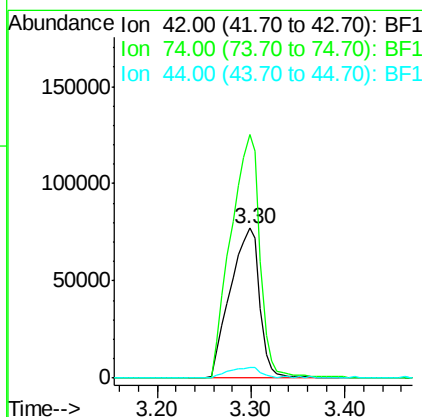
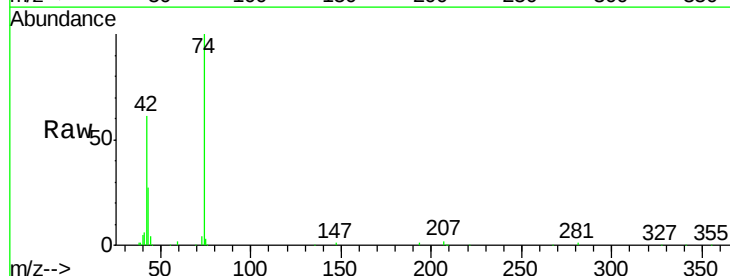
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion: 79 Resp: 436236
 Ion Ratio Lower Upper
 79 100
 52 59.9 59.8 89.6
 51 30.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.482 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.08 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion: 42 Resp: 168475
 Ion Ratio Lower Upper
 42 100
 74 162.7 104.9 157.3#
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 108.025 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

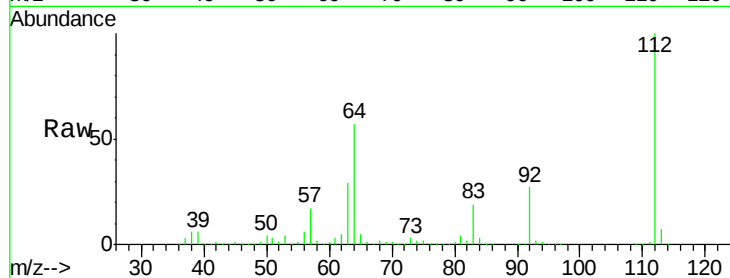
Tot Ion: 112 Resp: 1060276

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

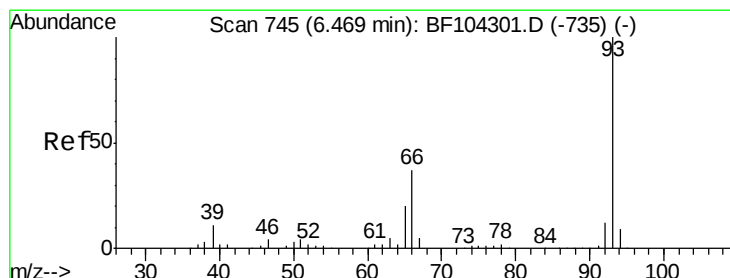
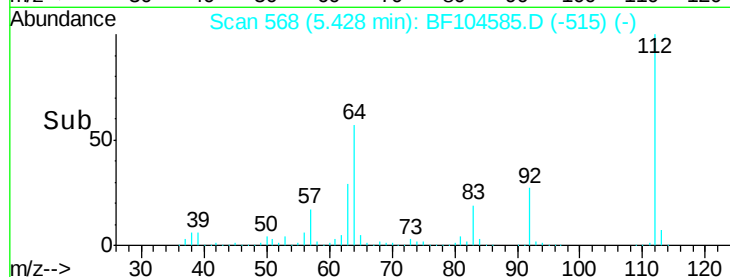
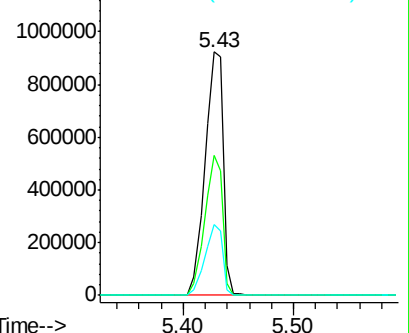
63 29.0 23.7 35.5



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: 13.285 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

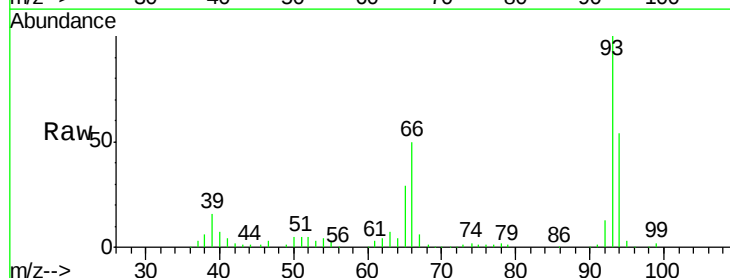
Tgt Ion: 93 Resp: 222585

Ion Ratio Lower Upper

93 100

66 49.9 32.2 48.2#

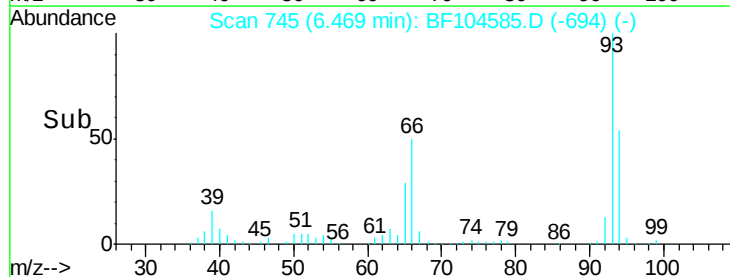
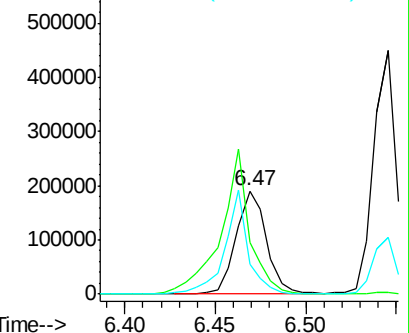
65 29.4 16.4 24.6#



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: 109.186 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

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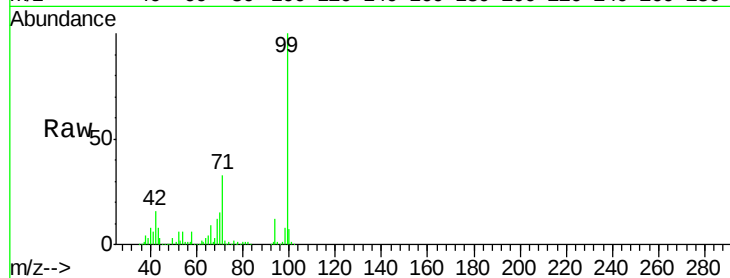
Tot Ion: 99 Resp: 1316728

Ion Ratio Lower Upper

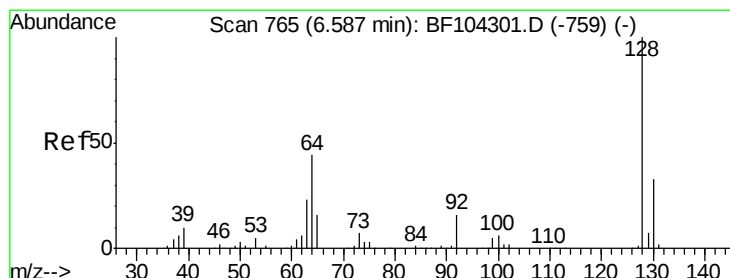
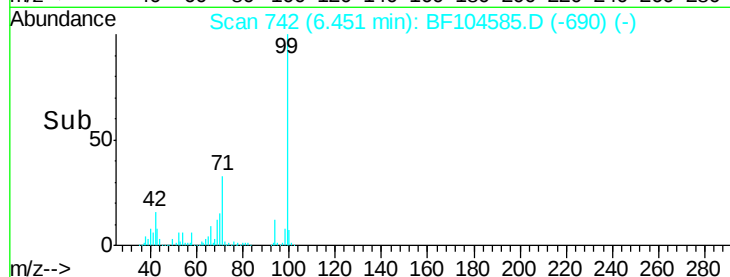
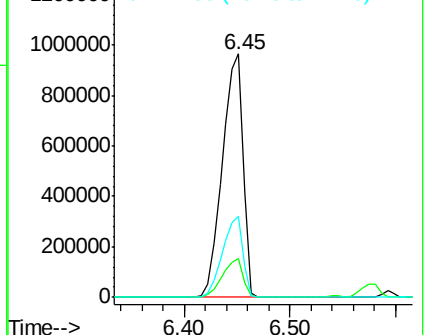
99 100

42 16.1 14.5 21.7

71 33.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.657 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

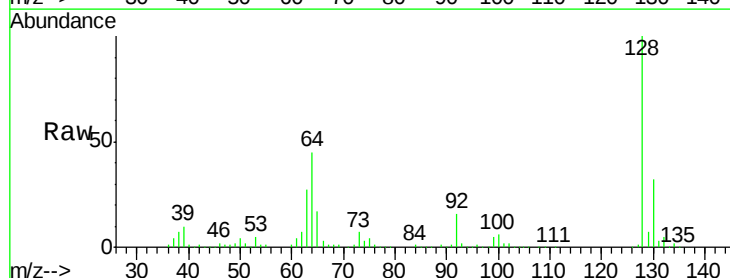
Tgt Ion: 128 Resp: 400469

Ion Ratio Lower Upper

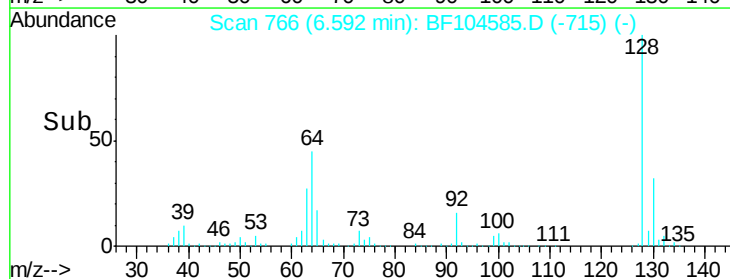
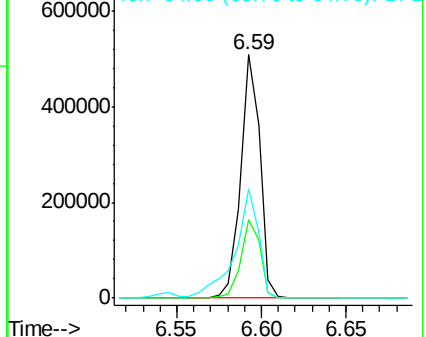
128 100

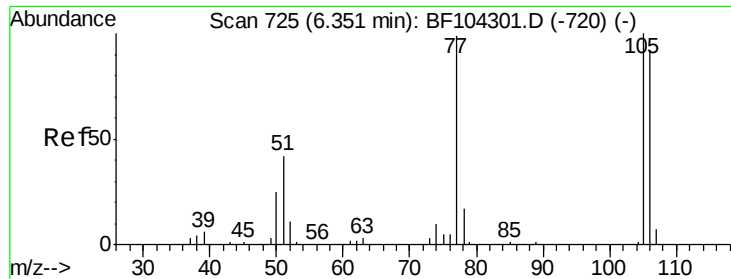
130 32.2 13.0 53.0

64 45.1 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

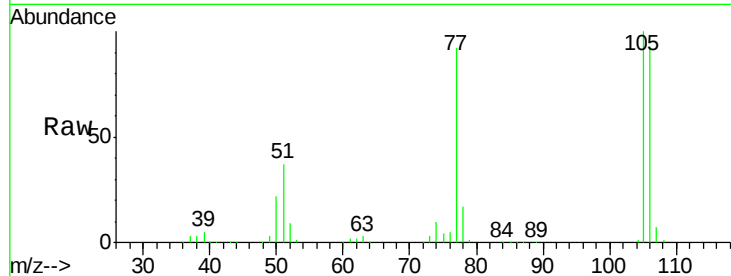




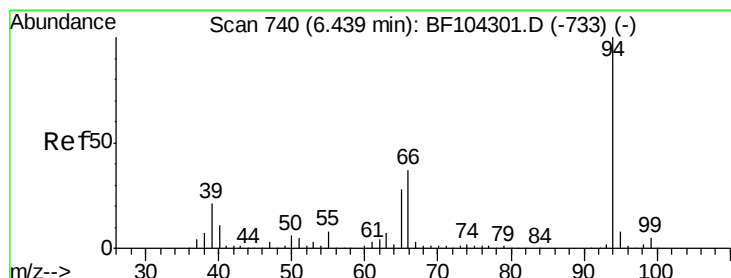
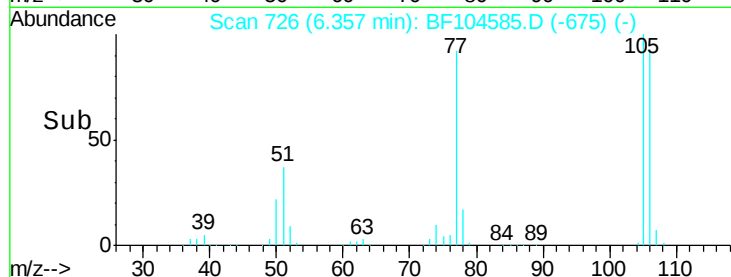
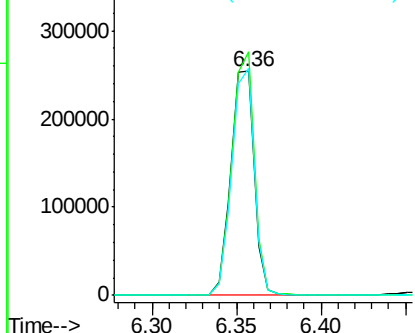
#9
Benzaldehyde
Concen: 40.114 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF104585.D
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Instrument :
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ClientSampleId :
PB108302BS

Tot Ion: 77 Resp: 244484
Ion Ratio Lower Upper
77 100
105 108.6 81.1 121.1
106 101.1 74.5 114.5

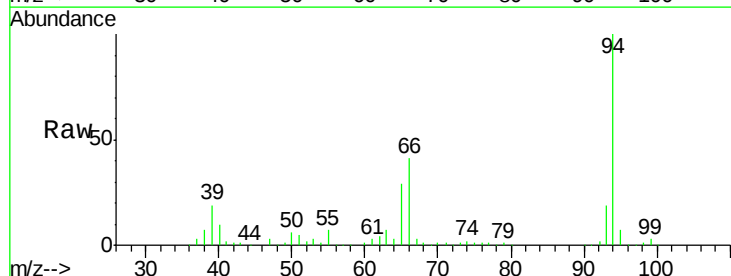


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

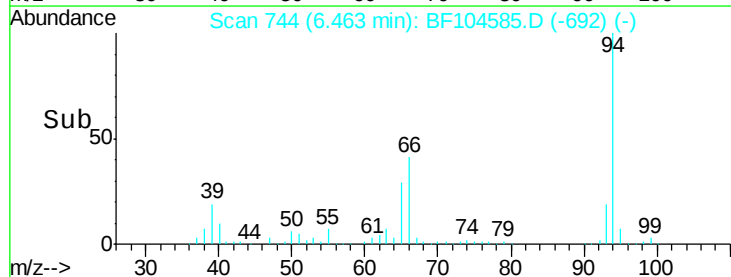
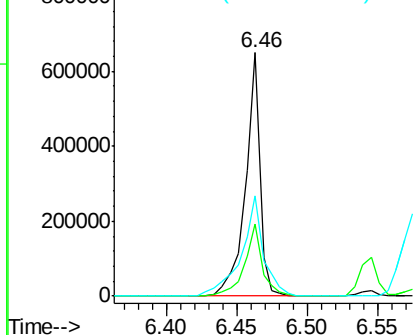


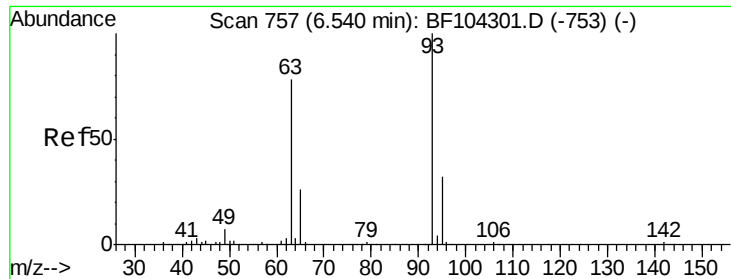
#10
Phenol
Concen: 36.437 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion: 94 Resp: 466234
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 41.3 16.2 56.2



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

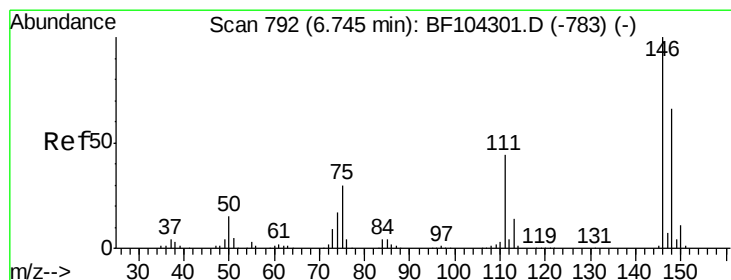
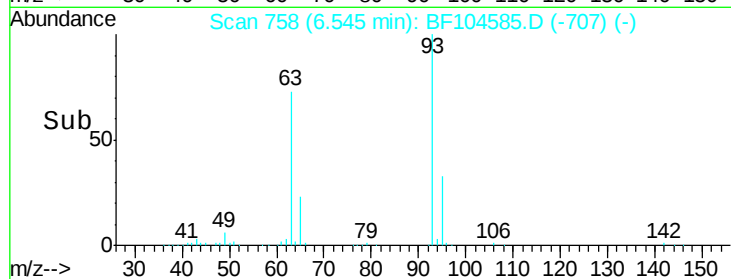
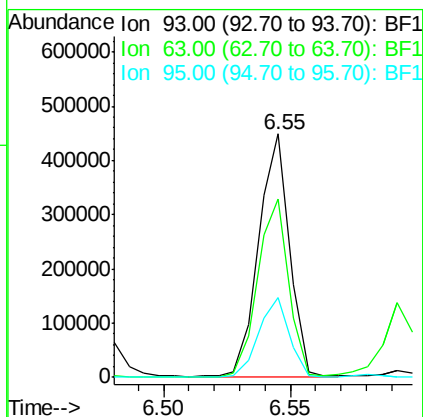
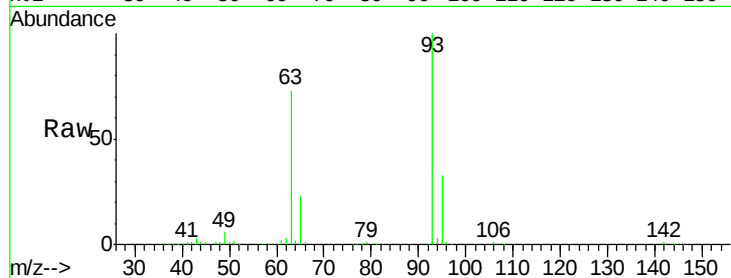




#11
bis(2-Chloroethyl)ether
Concen: 37.461 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

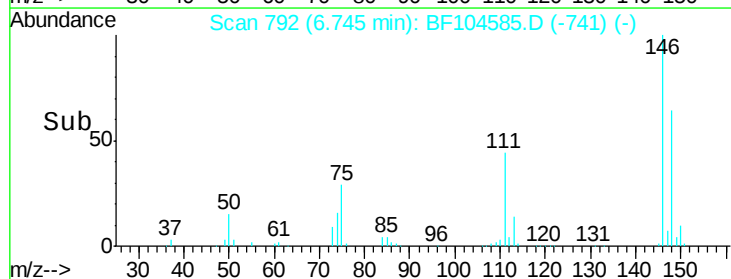
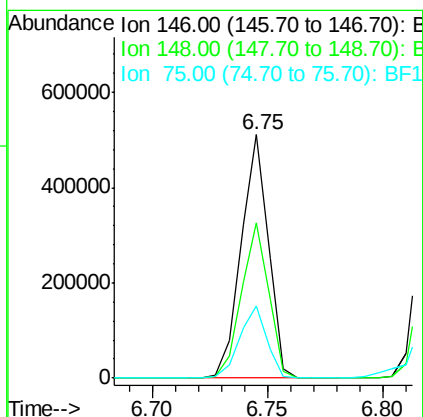
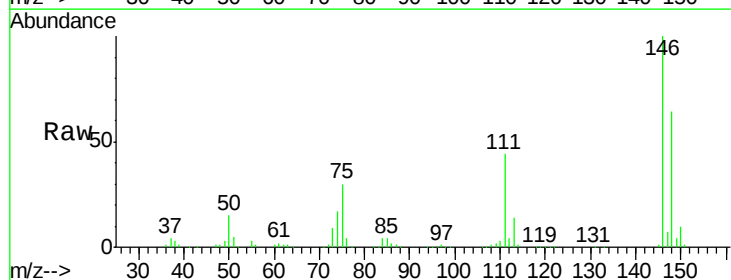
Instrument :
BNA_F
ClientSampleId :
PB108302BS

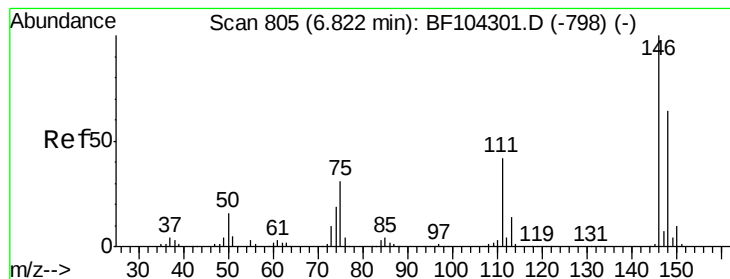
Tot Ion: 93 Resp: 382511
Ion Ratio Lower Upper
93 100
63 73.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.783 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion: 146 Resp: 419960
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.358 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

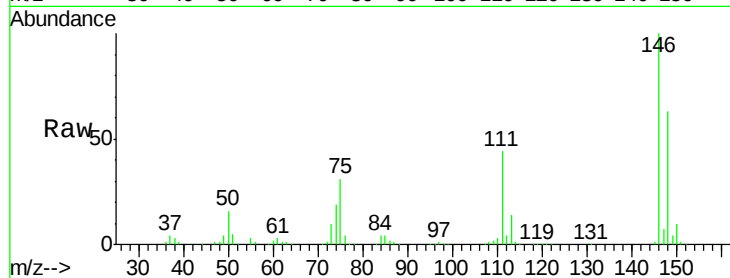
Tot Ion:146 Resp: 425356

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

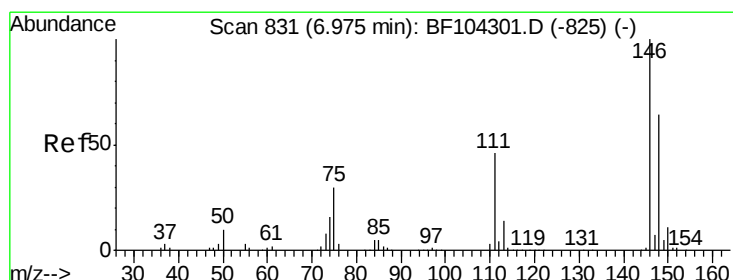
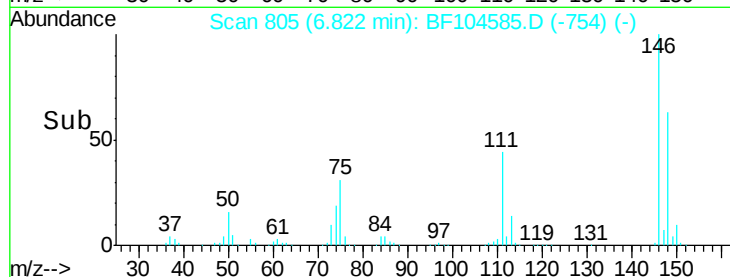
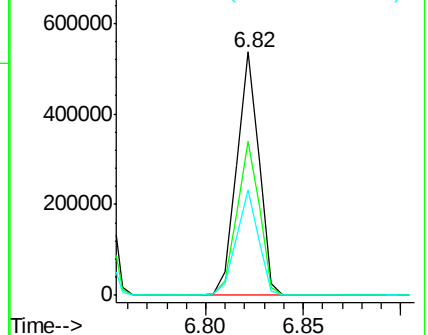
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.185 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

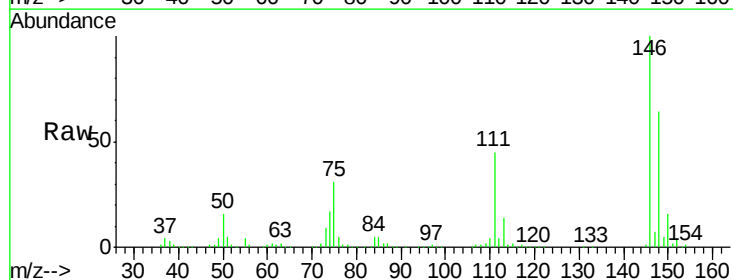
Tgt Ion:146 Resp: 392297

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

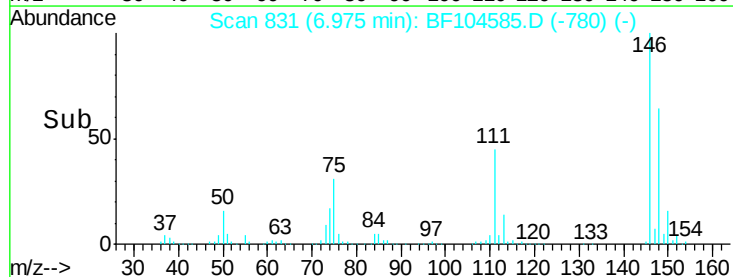
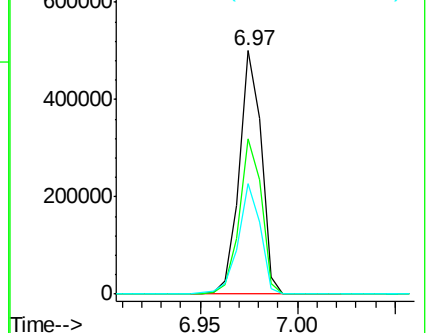
111 45.5 36.0 54.0

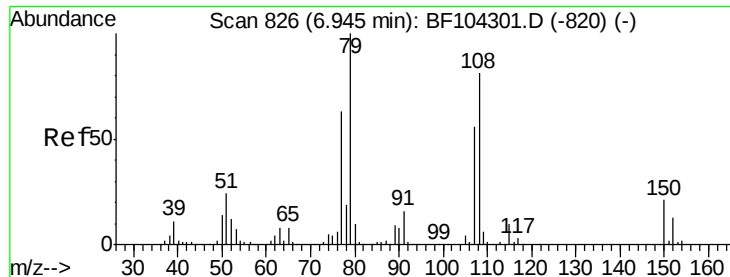


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

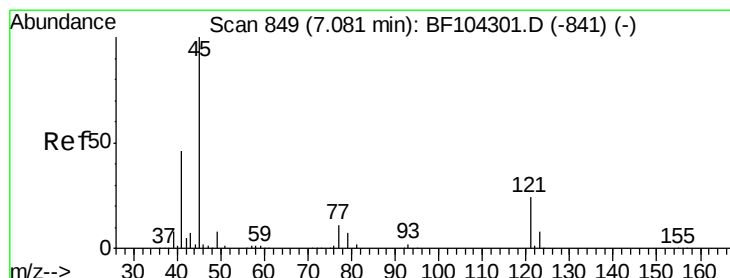
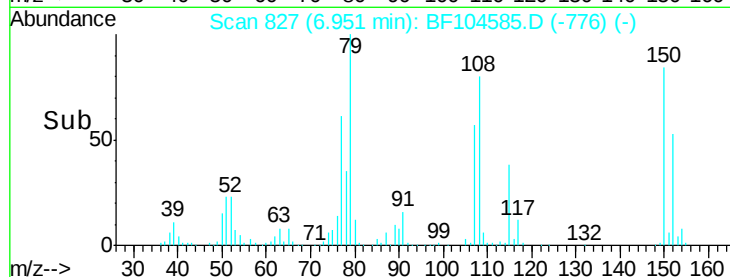
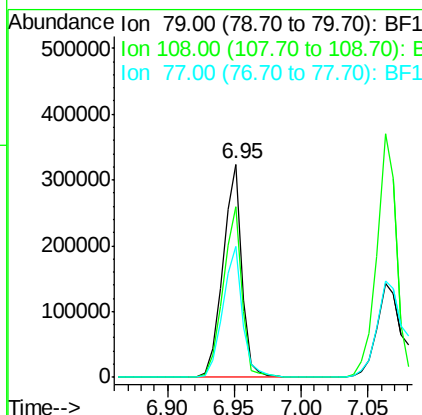
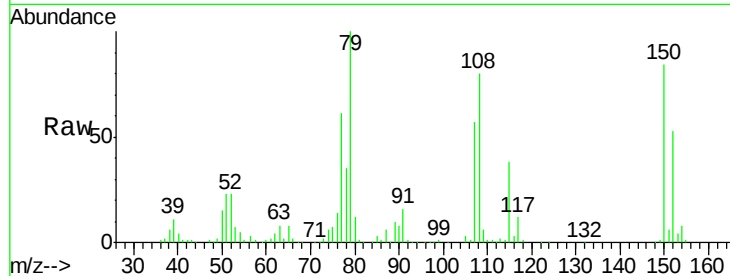




#15
Benzyl Alcohol
Concen: 35.453 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

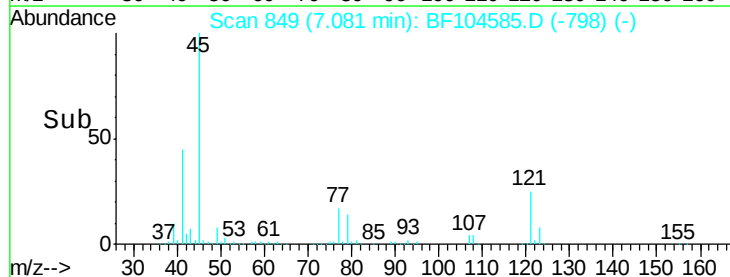
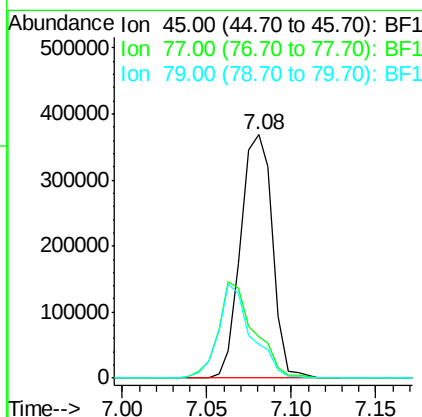
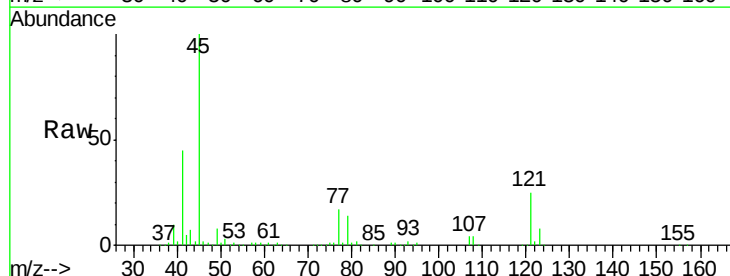
Instrument :
BNA_F
ClientSampleID :
PB108302BS

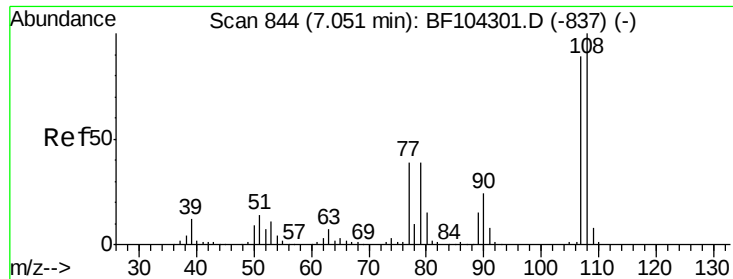
Tot Ion: 79 Resp: 324737
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 61.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.396 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion: 45 Resp: 485381
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.9
79 13.6 0.0 29.6

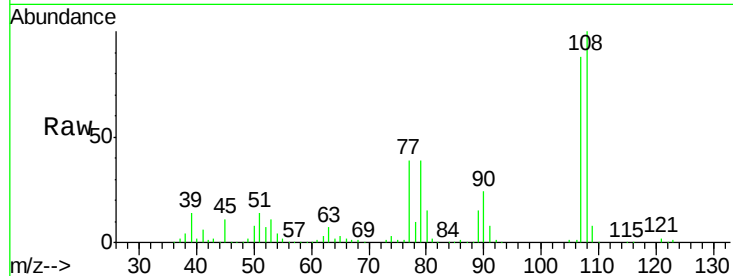




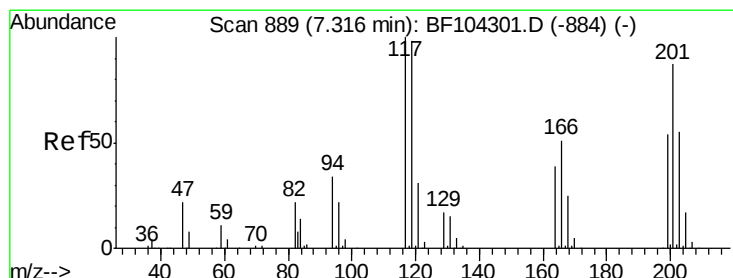
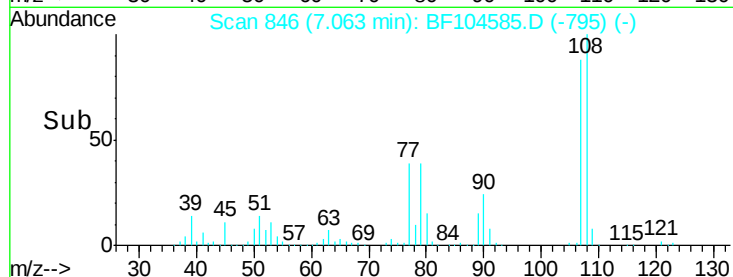
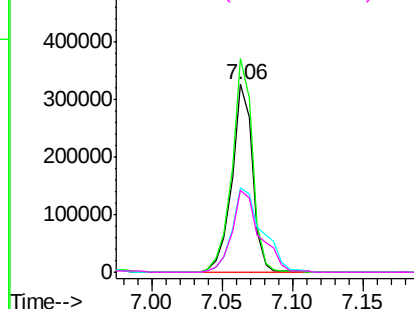
#17
2-Methylphenol
Concen: 36.746 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion:107 Resp: 330896
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 44.8 33.8 50.8
79 43.8 33.8 50.8

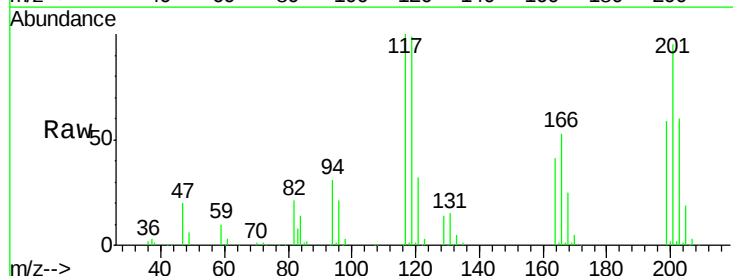


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

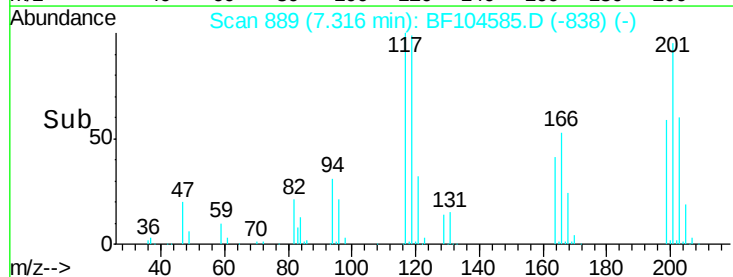
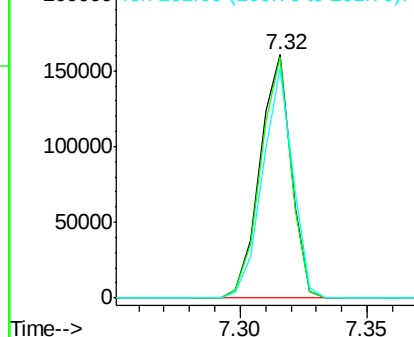


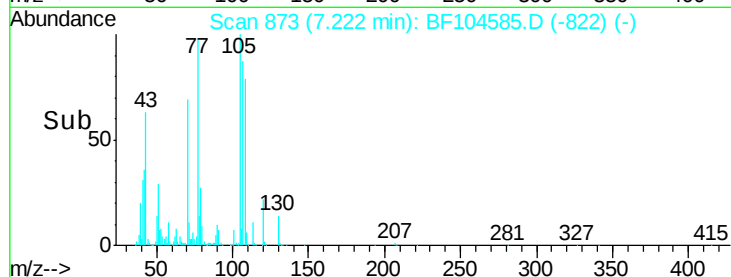
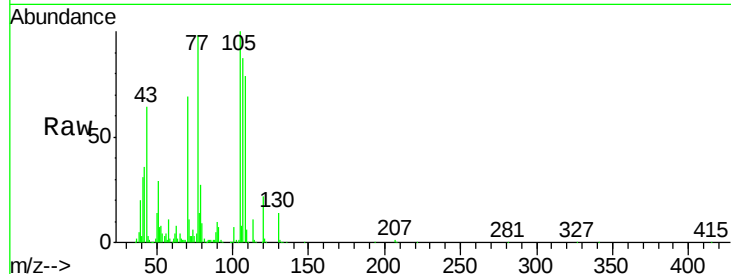
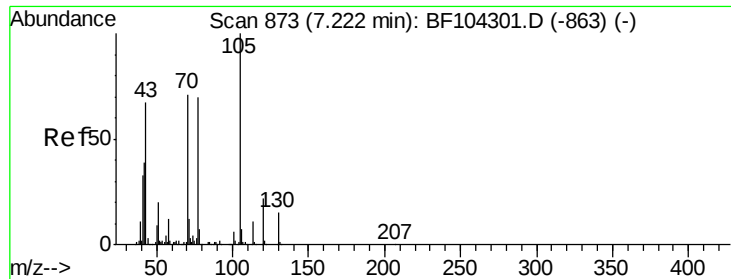
#18
Hexachloroethane
Concen: 33.232 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:117 Resp: 138618
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
201 94.5 75.7 113.5



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

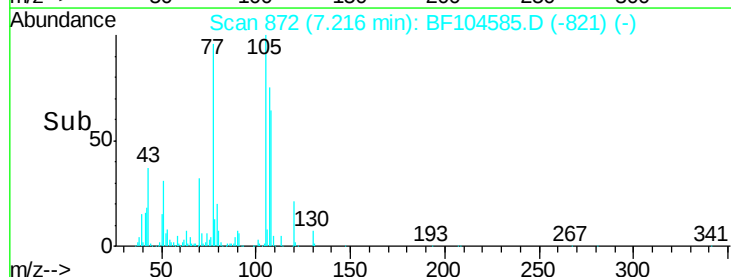
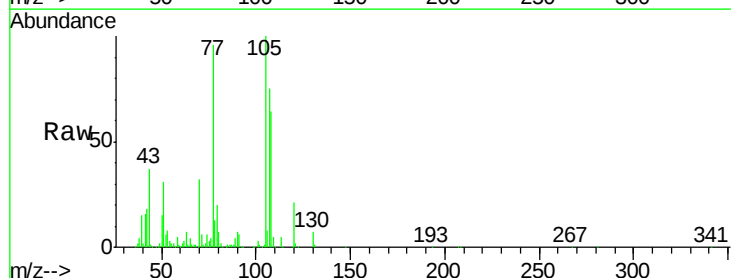
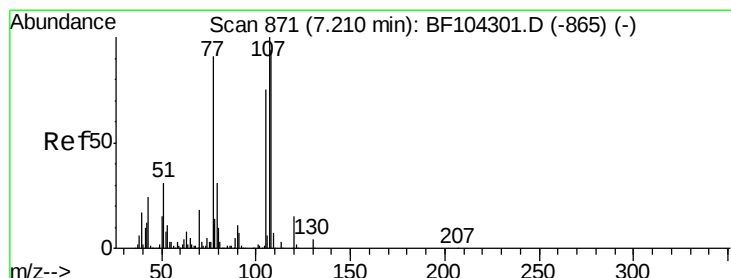
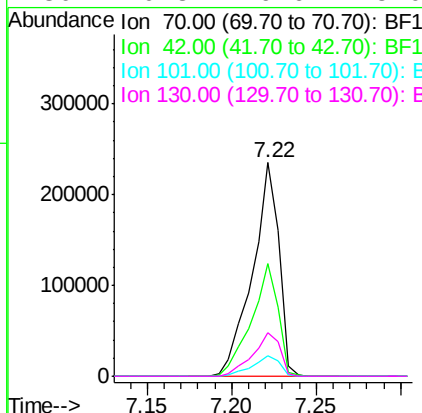




#19
n-Nitroso-di-n-propylamine
Concen: 32.667 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

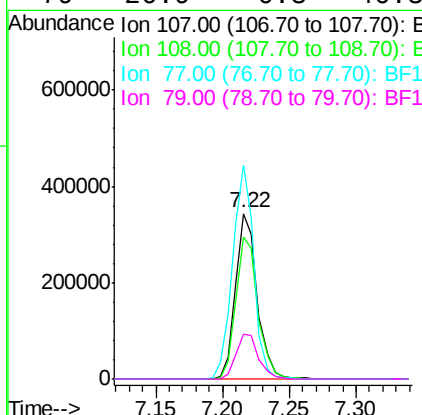
Instrument :
BNA_F
ClientSampleId :
PB108302BS

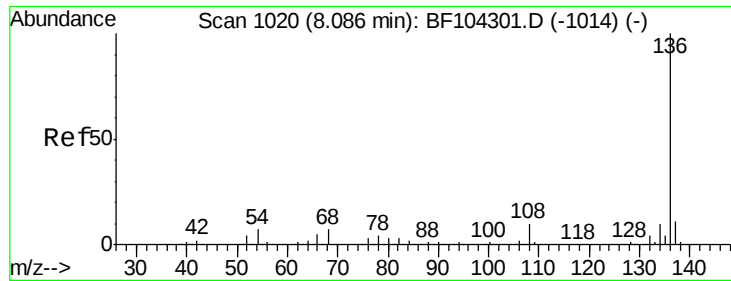
Tot Ion: 70 Resp: 257426
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 9.9 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.611 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion: 107 Resp: 386544
Ion Ratio Lower Upper
107 100
108 86.0 68.2 108.2
77 129.1 26.7 66.7#
79 26.9 6.3 46.3

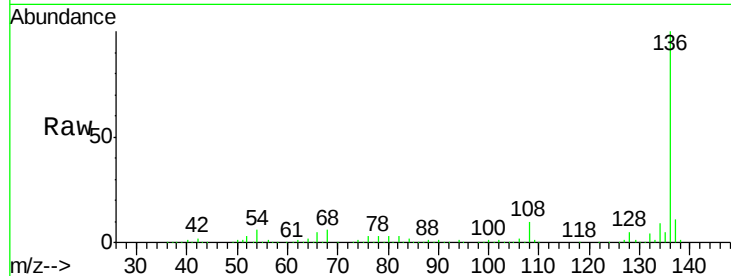




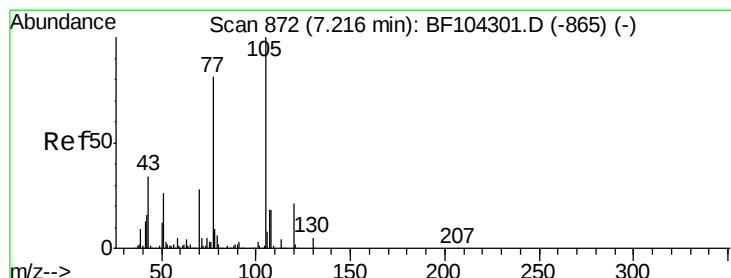
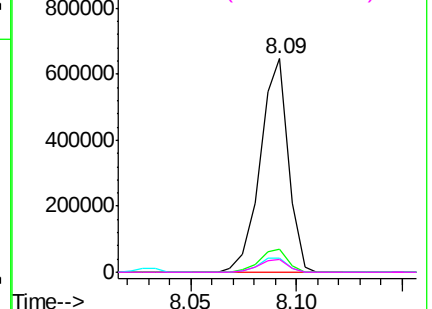
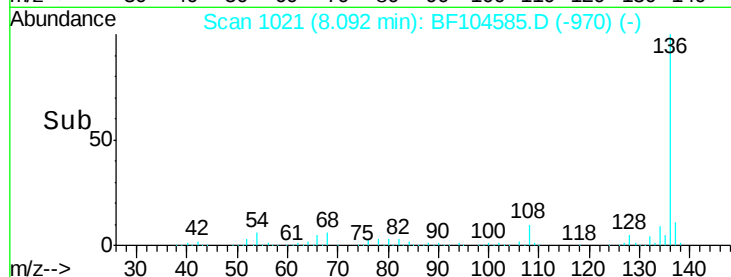
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion:136	Resp:	599788
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.4	6.6 9.8#
68	6.0	5.0 7.4

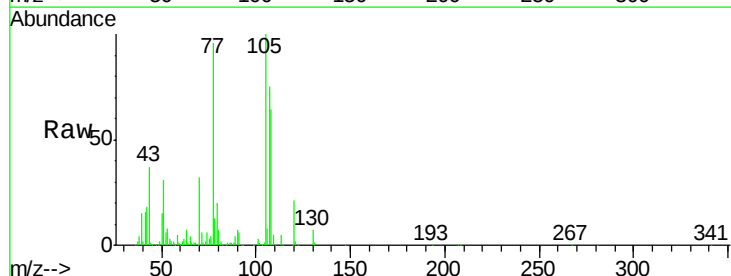


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

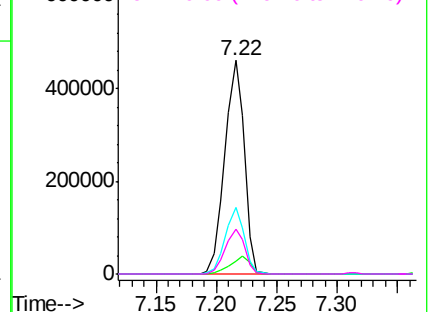
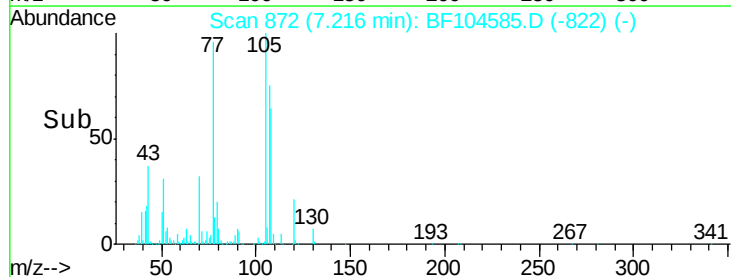


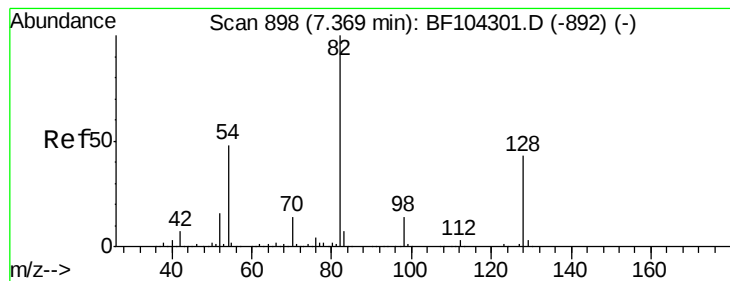
#22
Acetophenone
Concen: 34.606 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:105	Resp:	511007
Ion Ratio	Lower	Upper
105	100	
71	5.8	4.4 6.6
51	31.1	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: 90.858 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

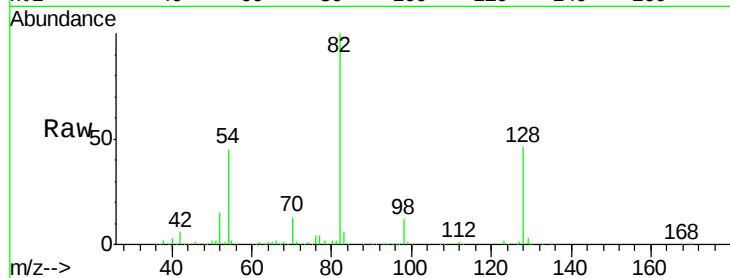
Tot Ion: 82 Resp: 834563

Ion Ratio Lower Upper

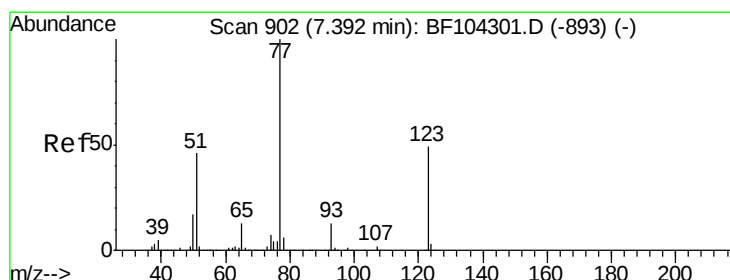
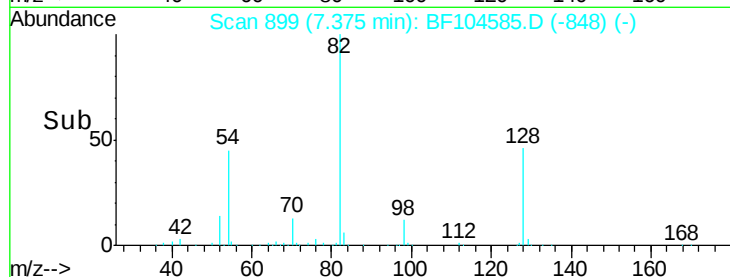
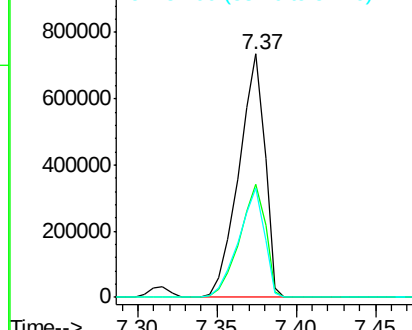
82 100

128 46.2 36.1 54.1

54 45.0 41.4 62.2



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



#24

Nitrobenzene

Concen: 40.307 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

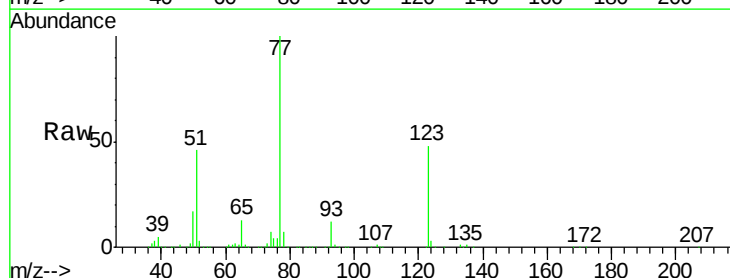
Tgt Ion: 77 Resp: 408768

Ion Ratio Lower Upper

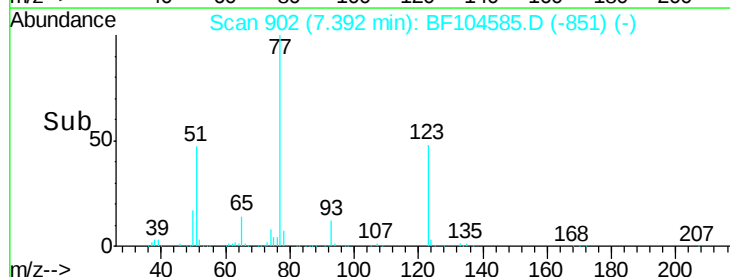
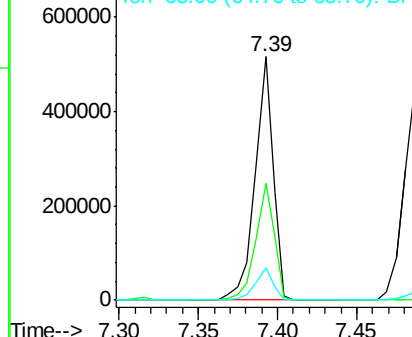
77 100

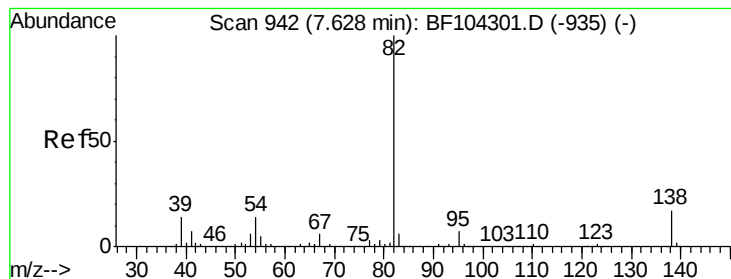
123 48.0 37.9 56.9

65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 37.998 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

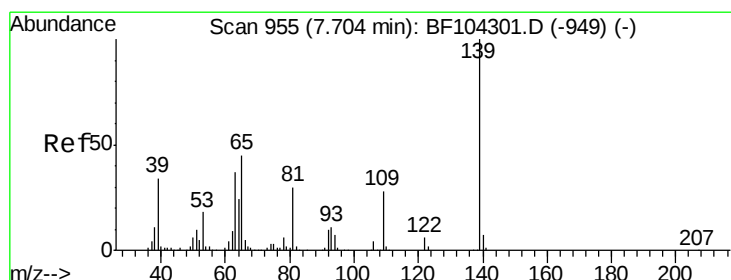
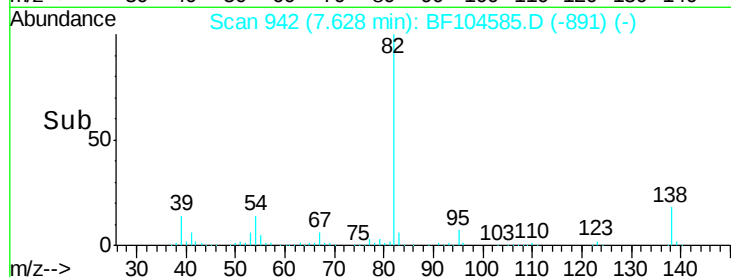
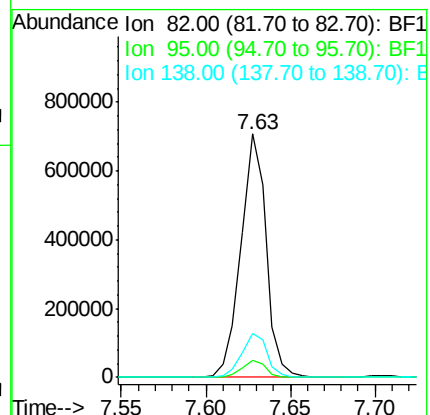
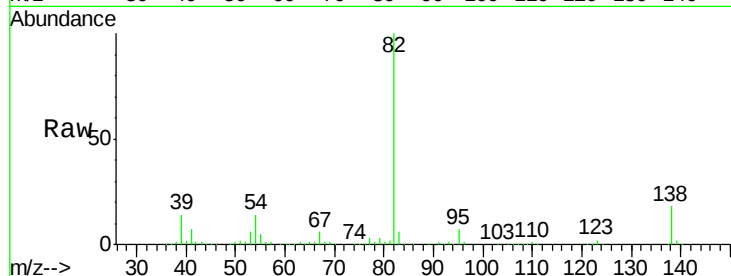
Tot Ion: 82 Resp: 738069

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 51.255 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

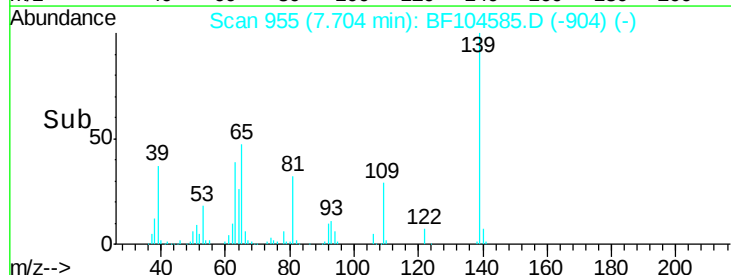
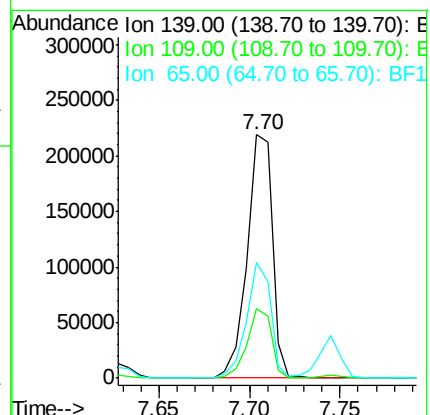
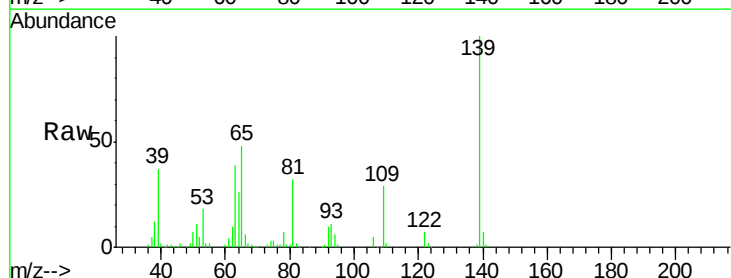
Tgt Ion: 139 Resp: 211609

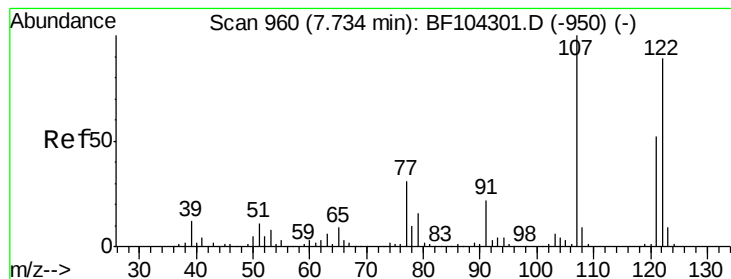
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 47.5 40.5 60.7

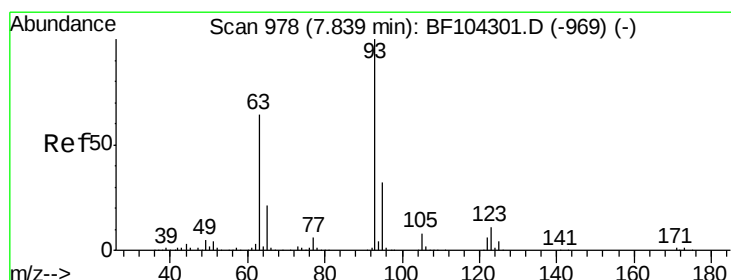
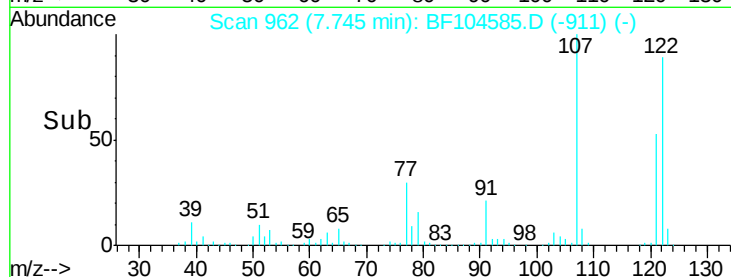
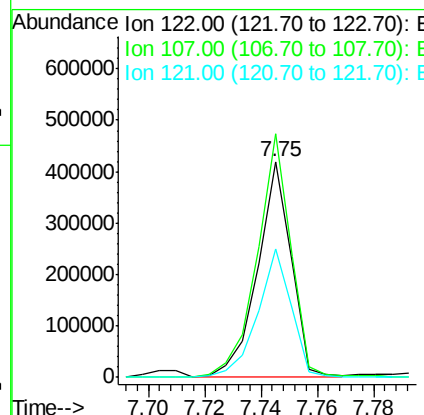
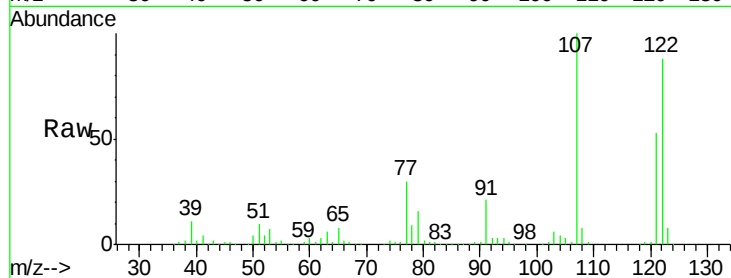




#27
 2,4-Dimethylphenol
 Concen: 40.590 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

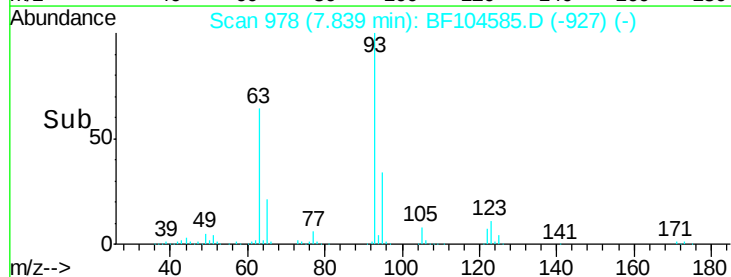
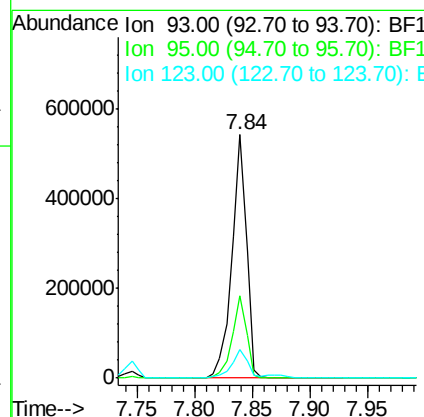
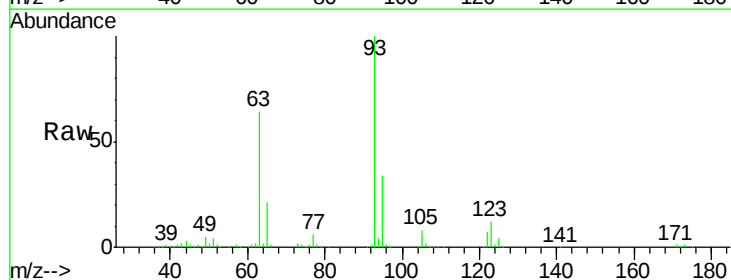
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion:122 Resp: 347950
 Ion Ratio Lower Upper
 122 100
 107 113.0 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.941 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion: 93 Resp: 474333
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 11.6 9.8 14.6

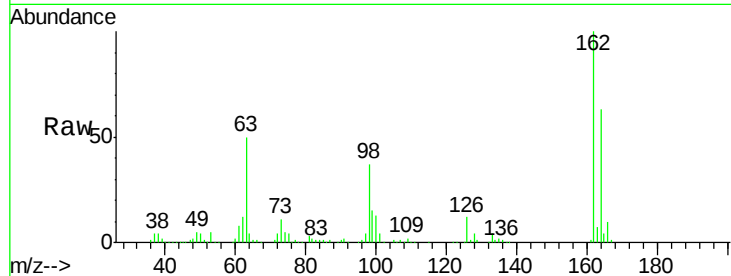




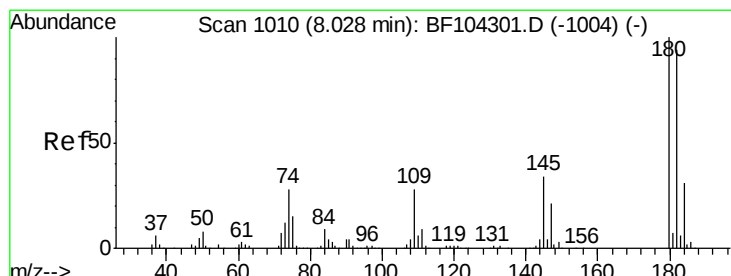
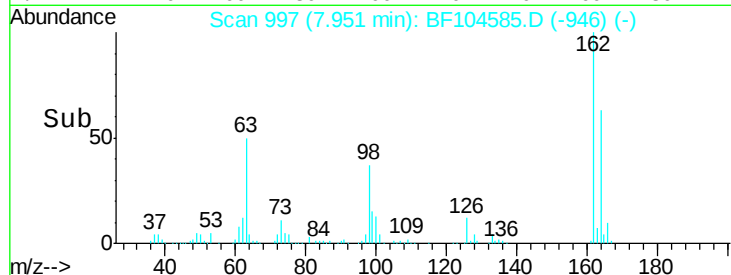
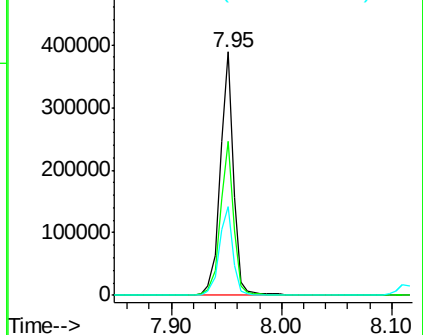
#29
2,4-Dichlorophenol
Concen: 39.514 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	36.7	18.1	58.1

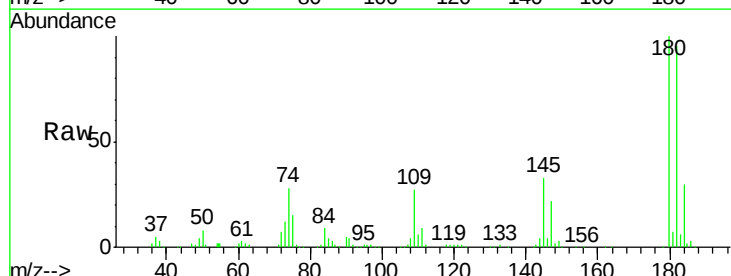


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

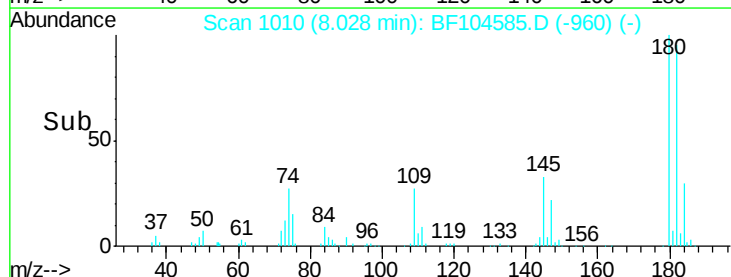
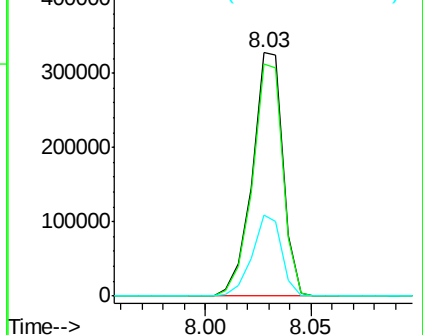


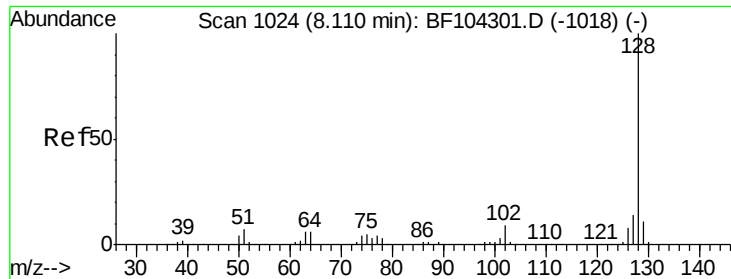
#30
1,2,4-Trichlorobenzene
Concen: 36.775 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	33.1	26.5	39.7



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

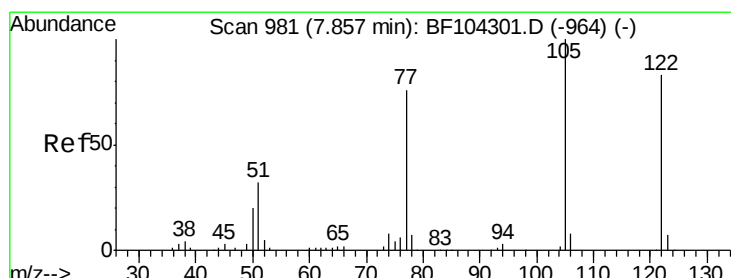
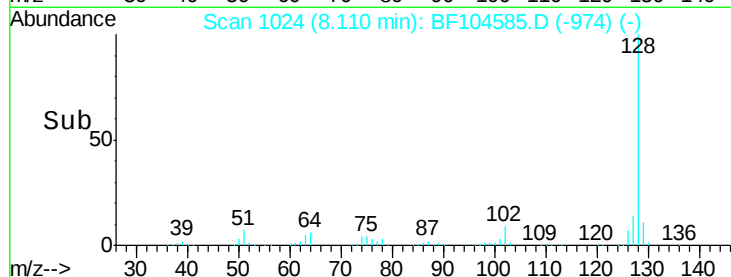
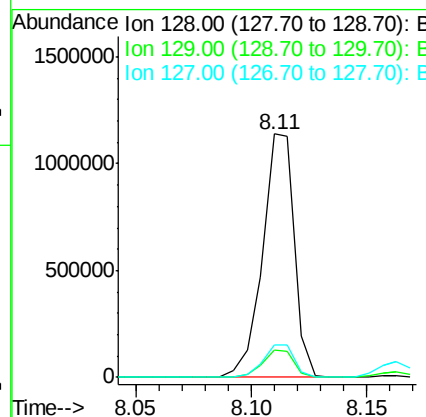
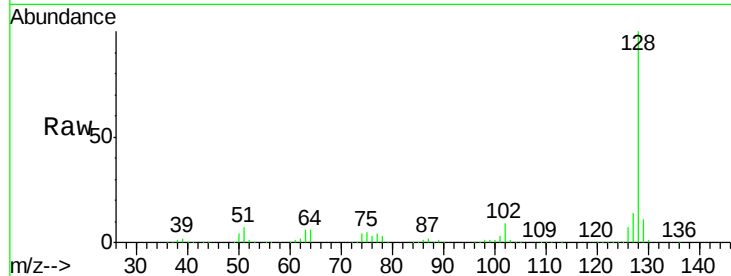




#31
Naphthalene
Concen: 36.735 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

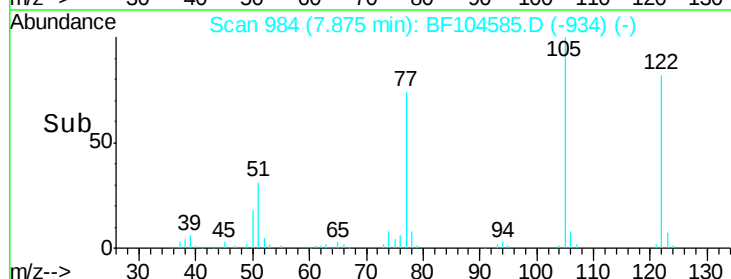
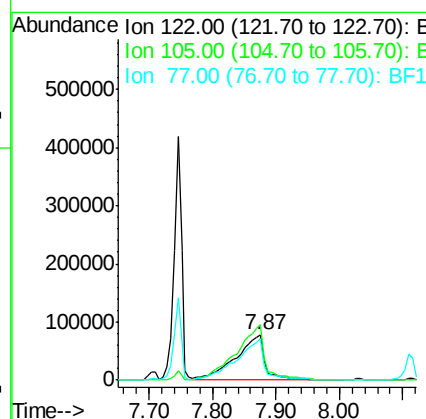
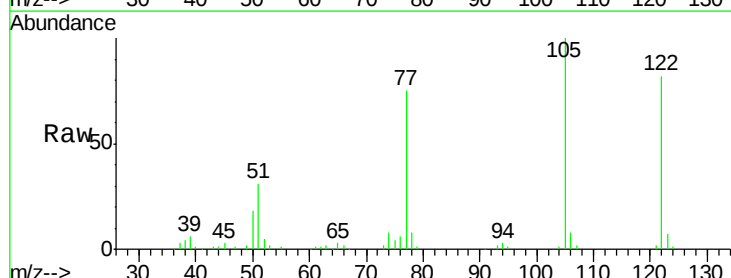
Instrument :
BNA_F
ClientSampleId :
PB108302BS

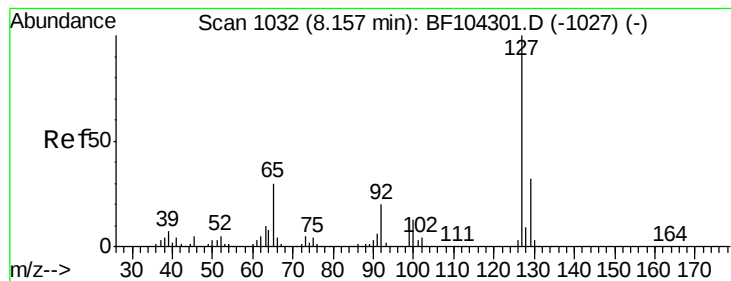
Tot Ion:128 Resp: 1097130
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 36.181 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:122 Resp: 247473
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 91.3 70.7 110.7





#33

4-Chloroaniline

Concen: 7.124 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

Tot Ion:127 Resp: 91154

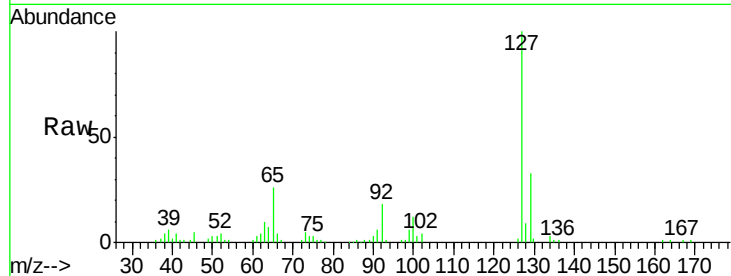
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 26.3 25.0 37.4

92 18.3 15.2 22.8

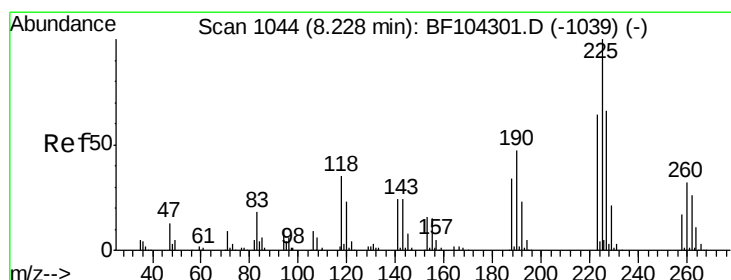
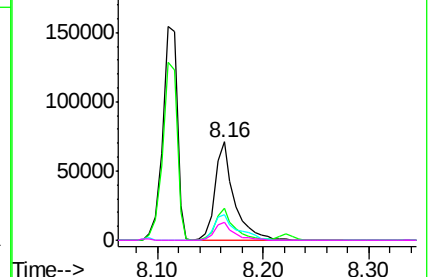
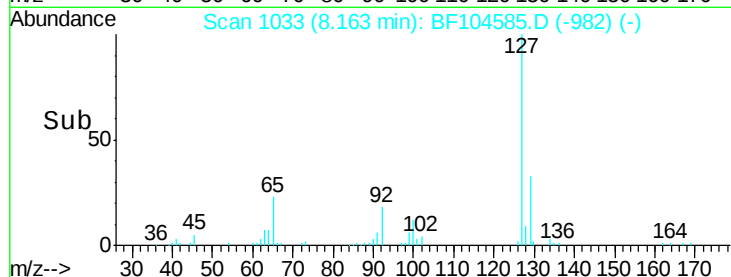


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.211 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

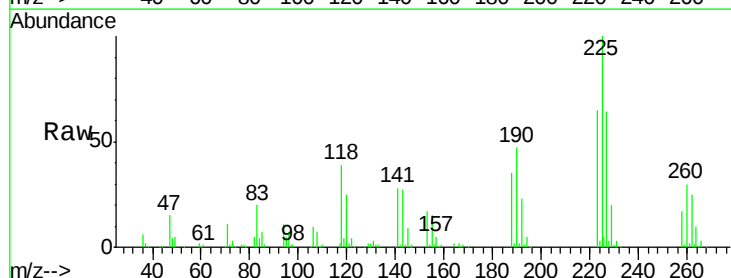
Tgt Ion:225 Resp: 178042

Ion Ratio Lower Upper

225 100

223 64.6 50.6 76.0

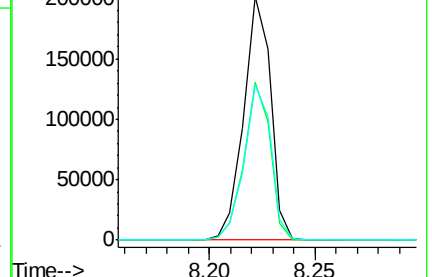
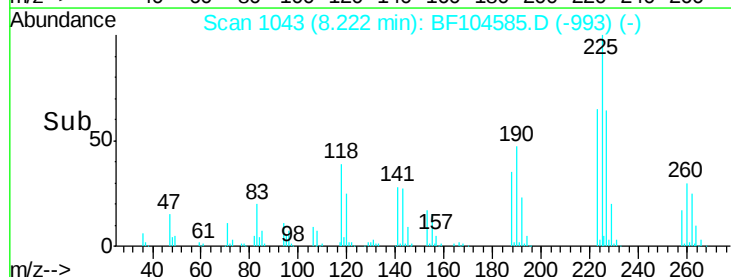
227 63.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

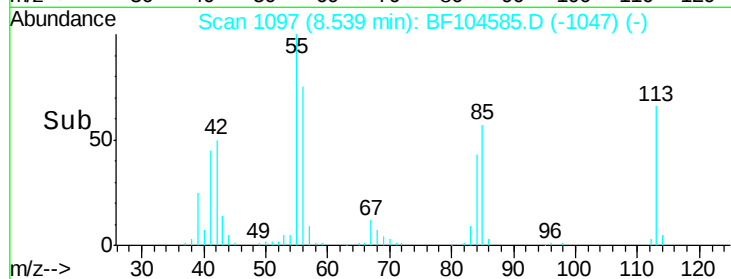
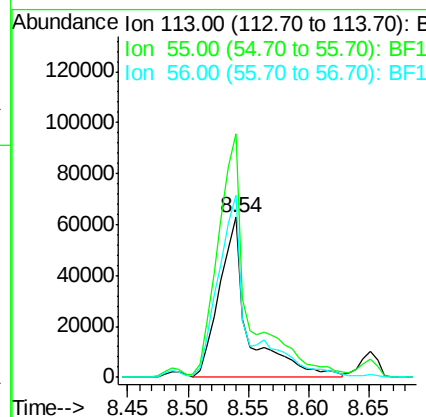
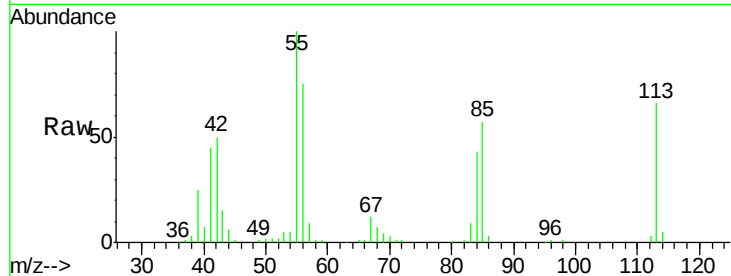




#35
 Caprolactam
 Concen: 37.123 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

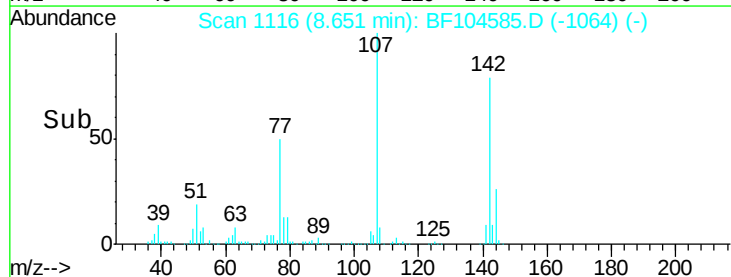
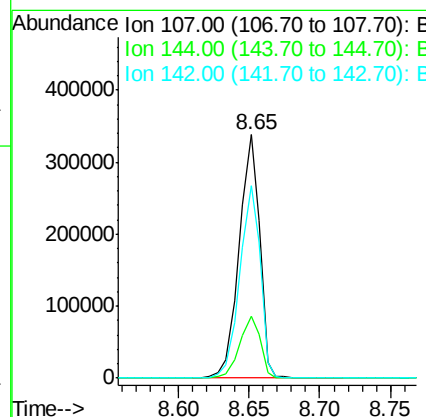
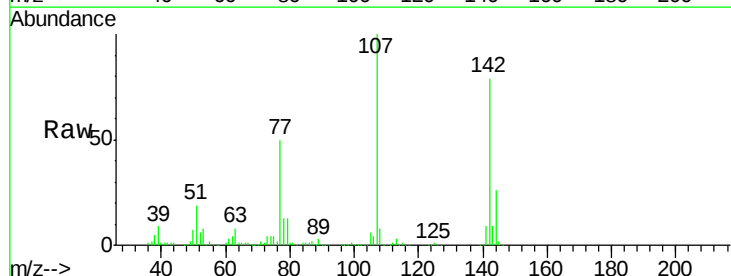
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion:113 Resp: 105924
 Ion Ratio Lower Upper
 113 100
 55 151.9 163.3 203.3#
 56 113.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.066 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion:107 Resp: 342624
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 79.1 62.0 93.0

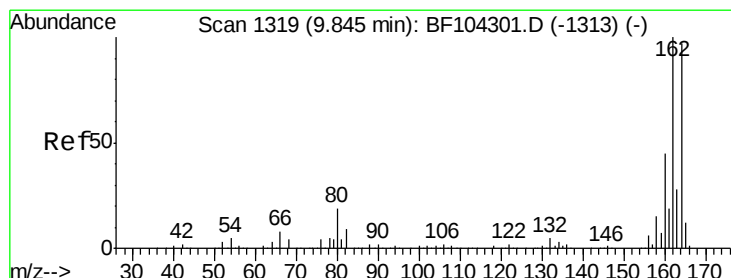
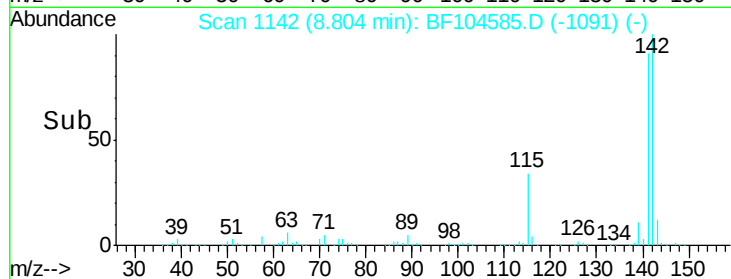
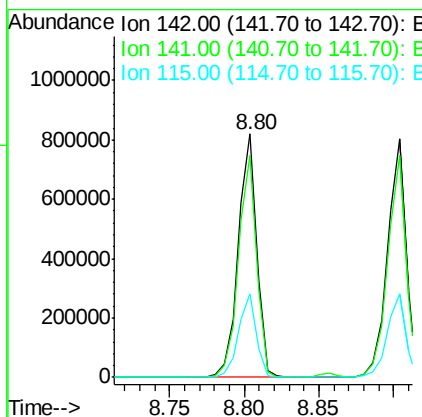
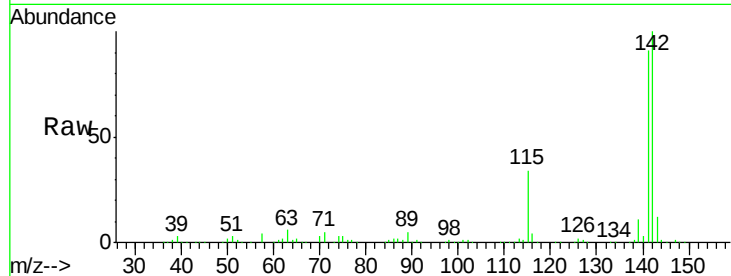




#37
 2-Methylnaphthalene
 Concen: 36.767 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

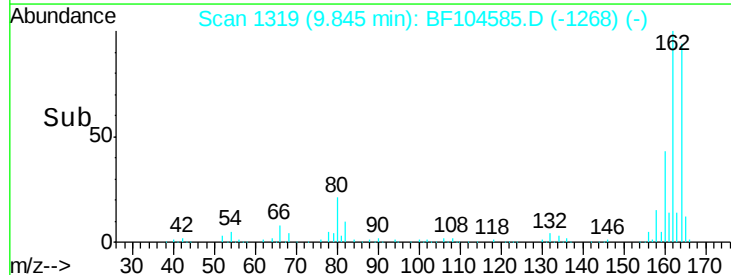
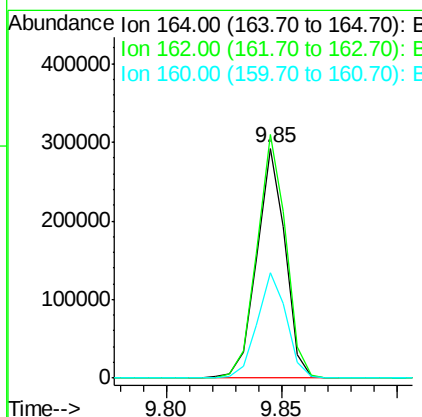
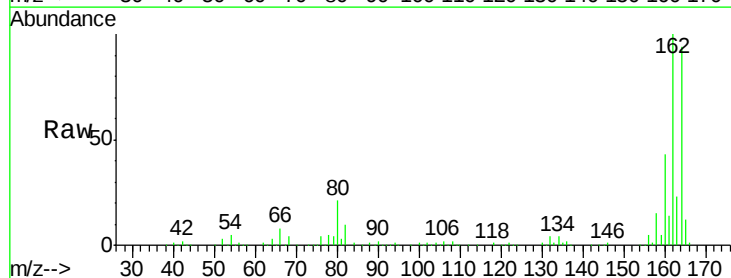
Instrument :
 BNA_F
 ClientSampleID :
 PB108302BS

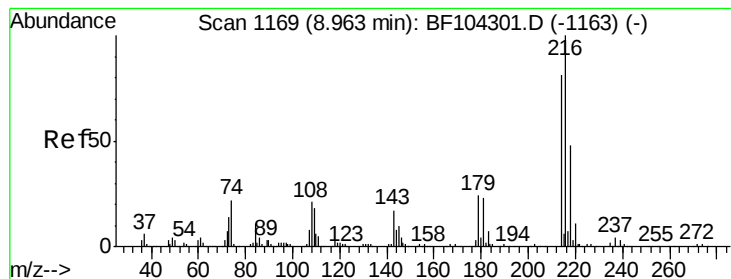
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	34.4	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	45.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.282 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

Tot Ion:216 Resp: 302167

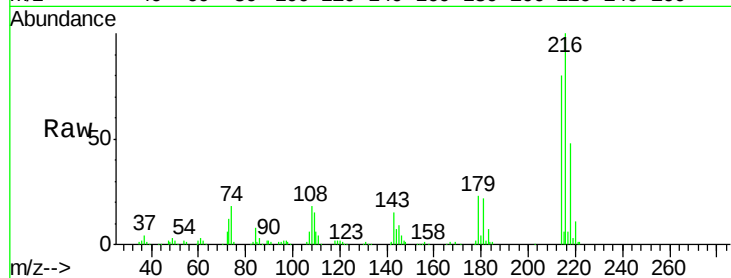
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.6 18.1 27.1

108 19.5 17.2 25.8

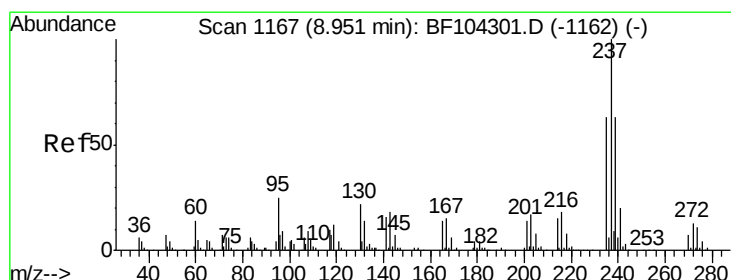
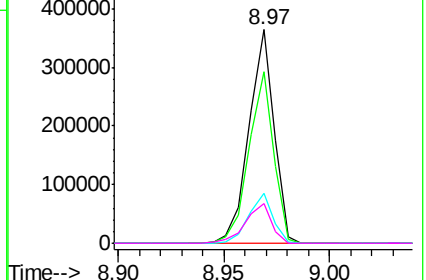
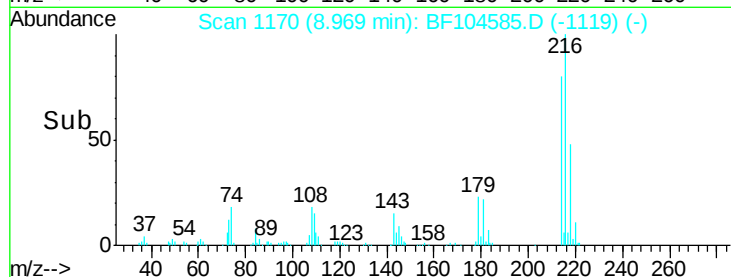


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.720 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

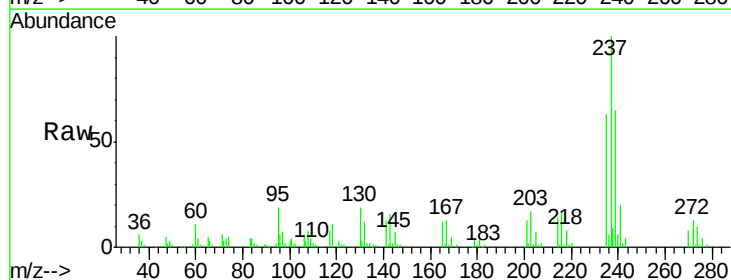
Tgt Ion:237 Resp: 74897

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

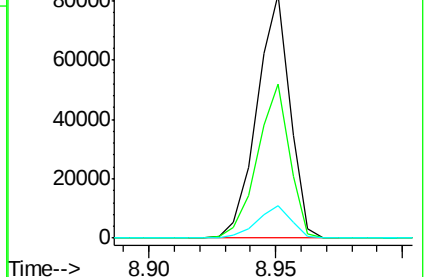
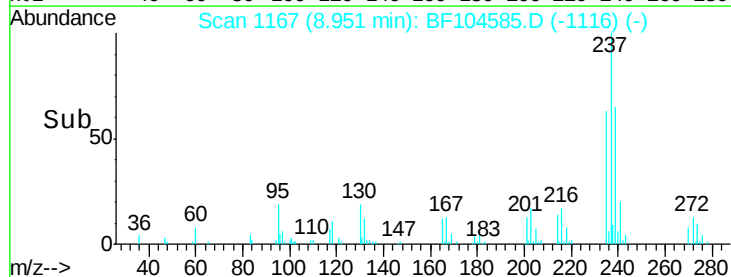
272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 107.586 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

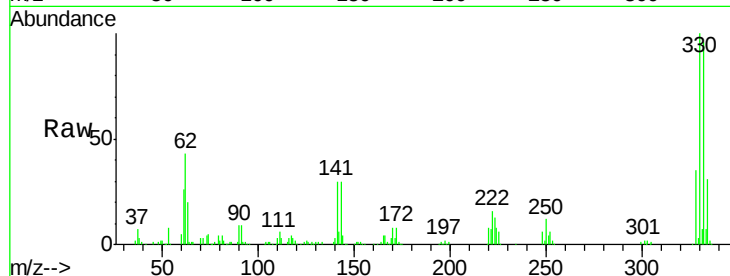
Tot Ion:330 Resp: 278614

Ion Ratio Lower Upper

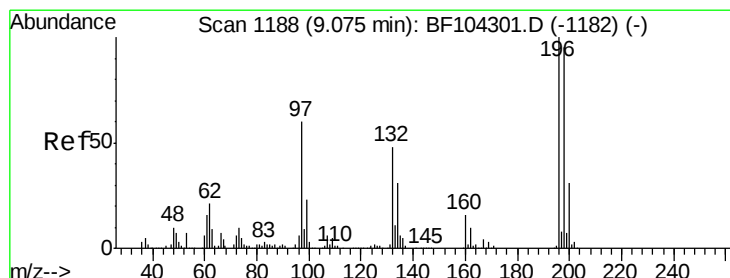
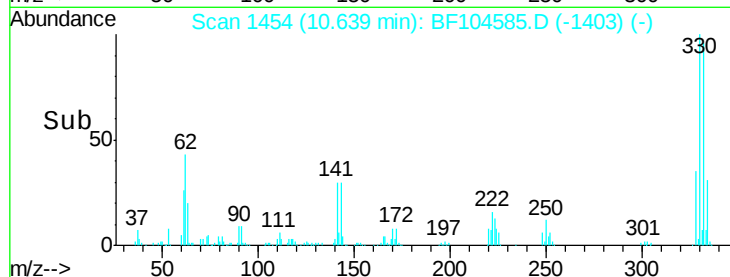
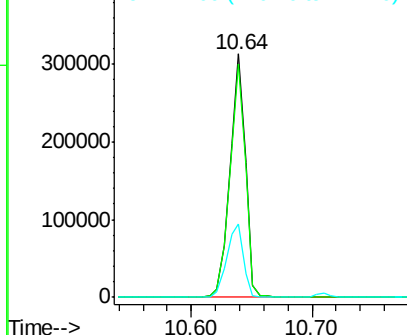
330 100

332 96.3 77.0 115.6

141 32.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 42.674 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

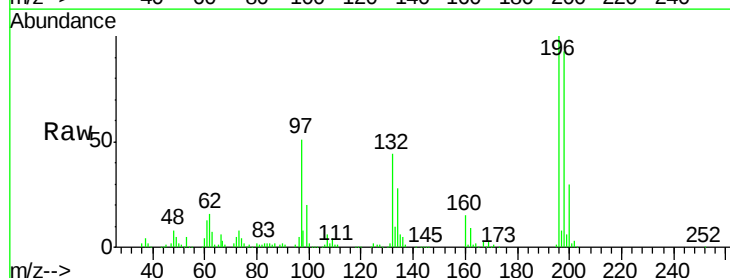
Tgt Ion:196 Resp: 211703

Ion Ratio Lower Upper

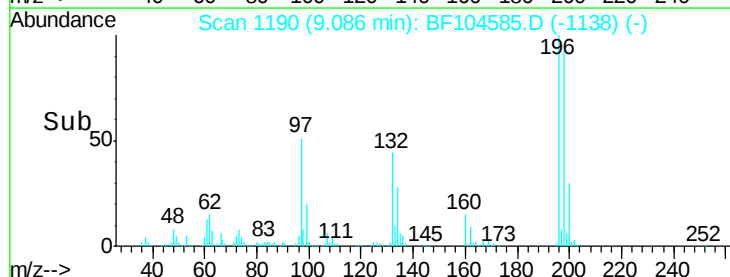
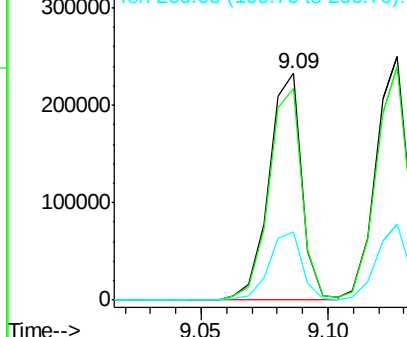
196 100

198 93.5 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

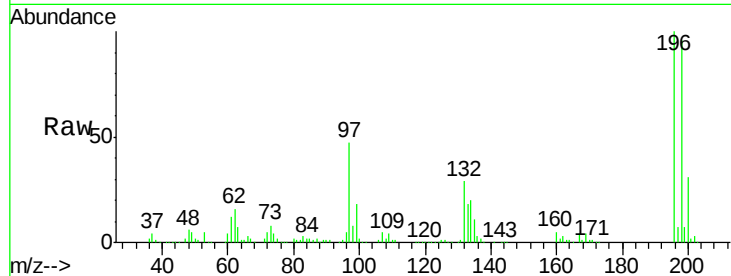




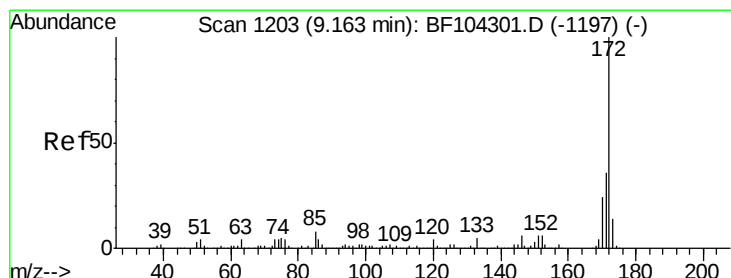
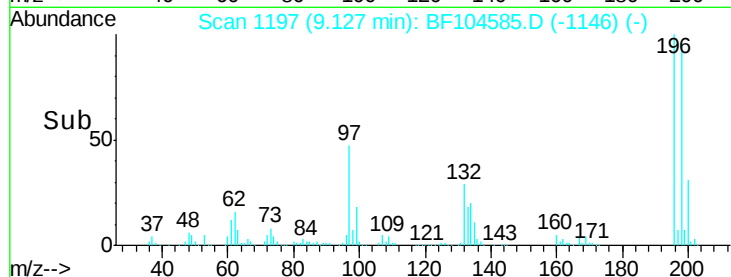
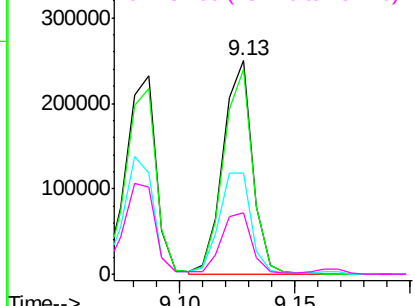
#43
 2,4,5-Trichlorophenol
 Concen: 39.621 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	47.4	42.9	64.3
132	29.1	26.3	39.5

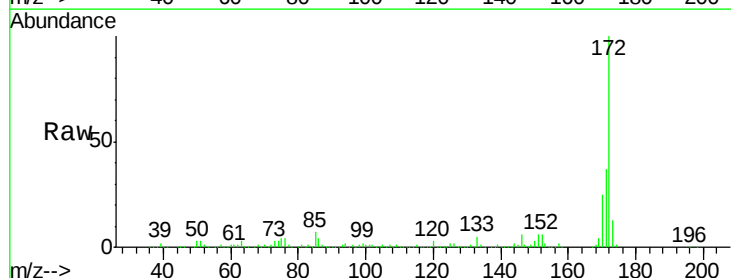


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

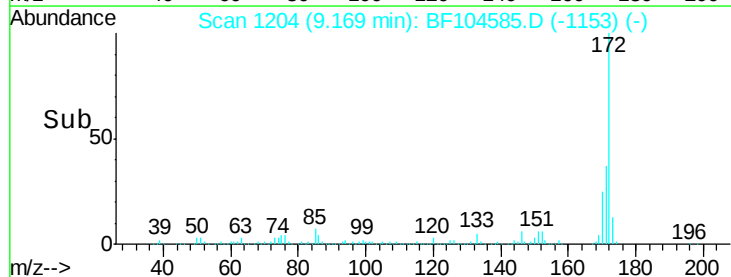
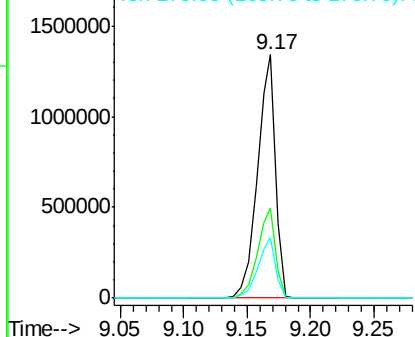


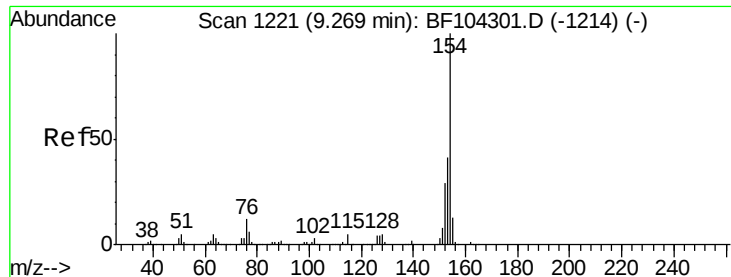
#44
 2-Fluorobiphenyl
 Concen: 84.728 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	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: 38.798 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

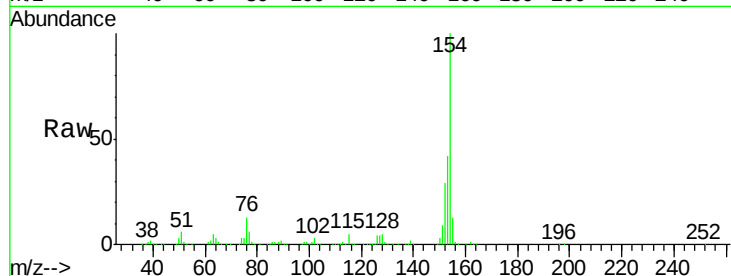
Tot Ion:154 Resp: 813696

Ion Ratio Lower Upper

154 100

153 42.0 21.3 61.3

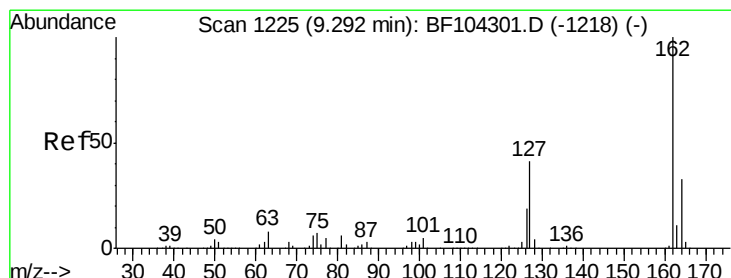
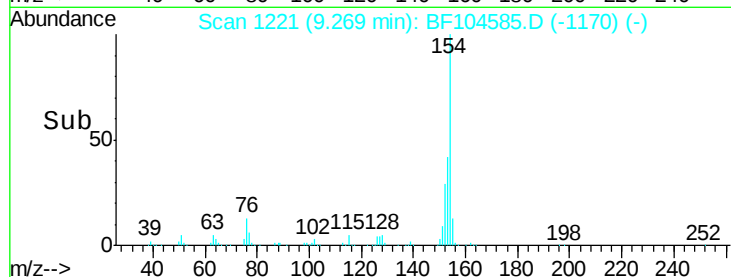
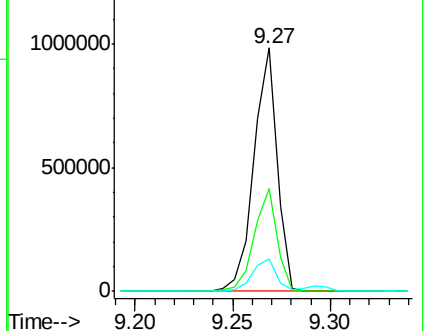
76 13.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.576 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

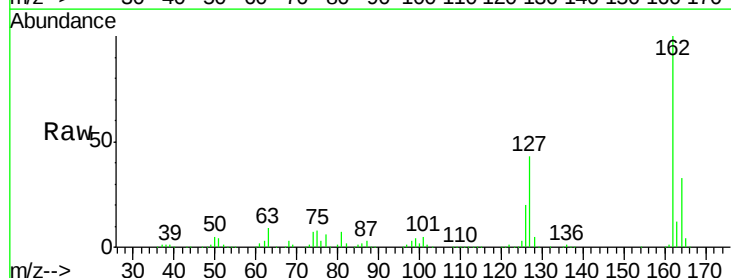
Tgt Ion:162 Resp: 639031

Ion Ratio Lower Upper

162 100

127 43.2 33.9 50.9

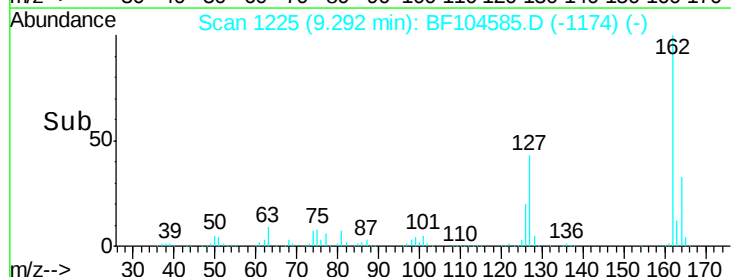
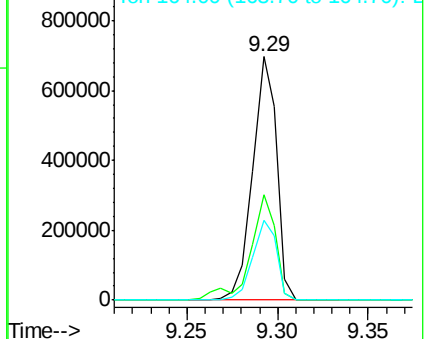
164 33.0 26.5 39.7

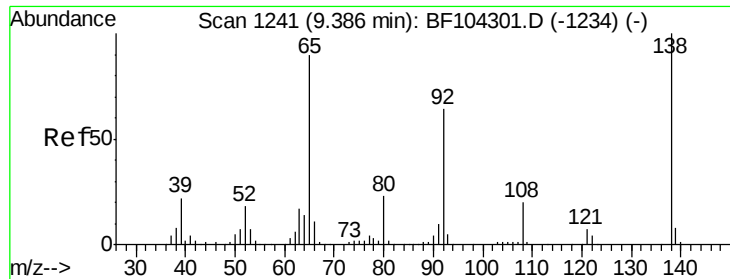


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

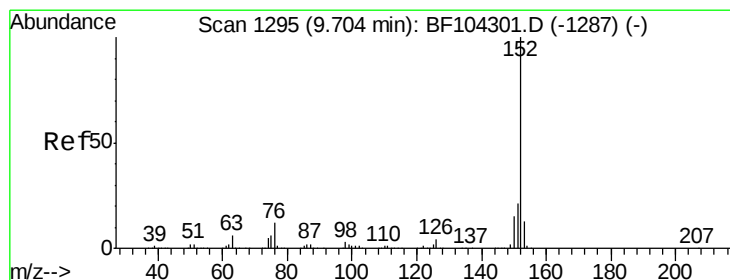
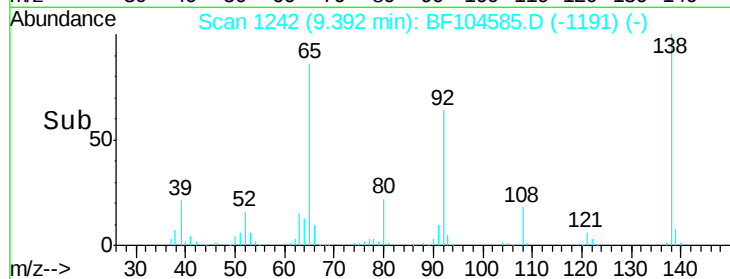
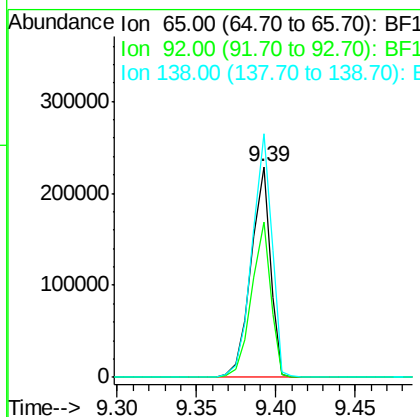
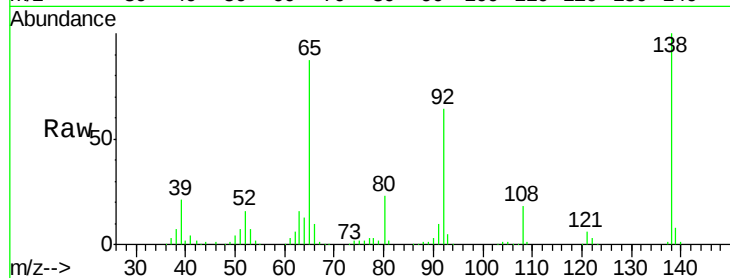




#47
 2-Nitroaniline
 Concen: 47.867 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

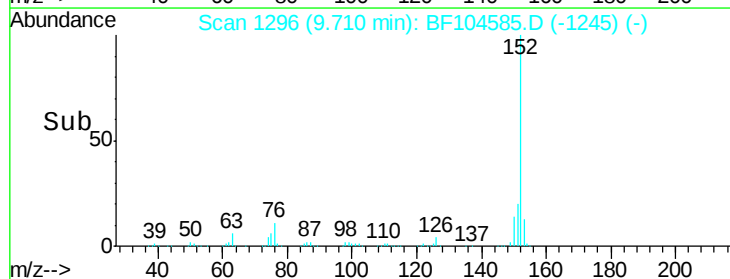
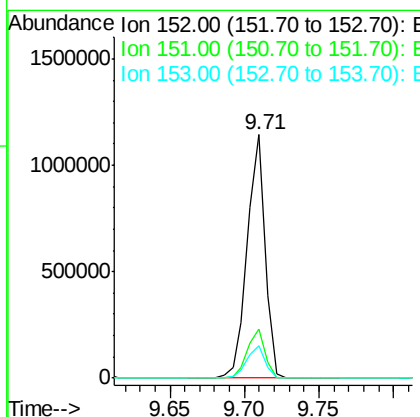
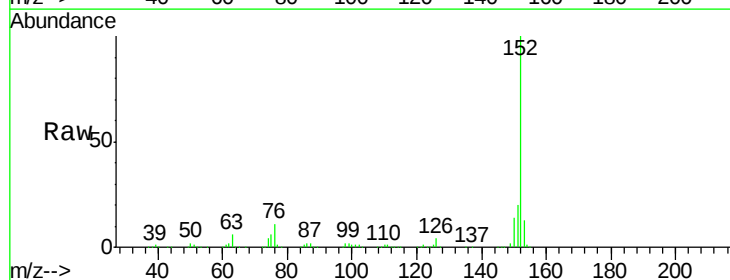
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

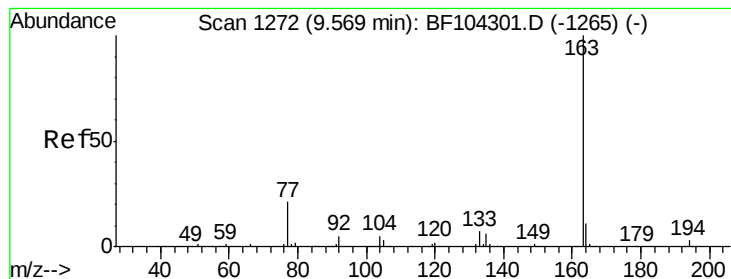
Tot Ion: 65 Resp: 196095
 Ion Ratio Lower Upper
 65 100
 92 73.7 55.8 83.6
 138 115.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.526 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion: 152 Resp: 949337
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 39.206 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

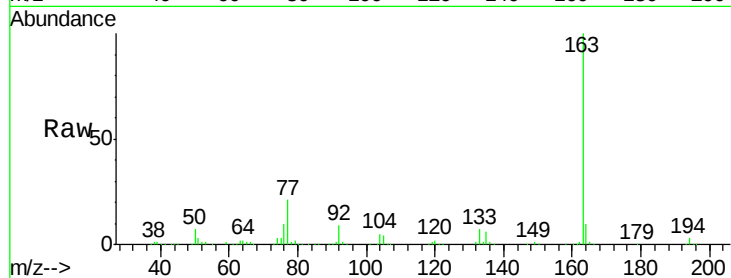
Tot Ion:163 Resp: 771853

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

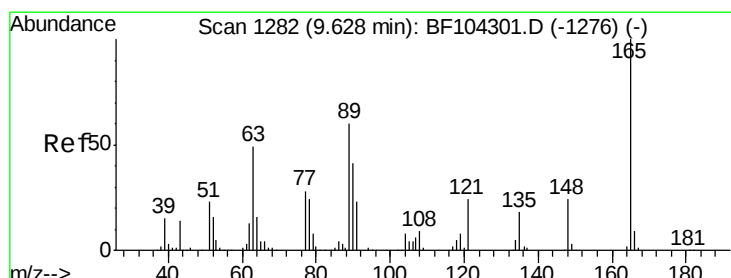
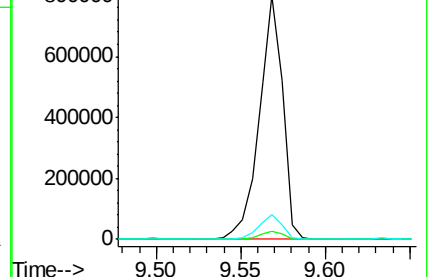
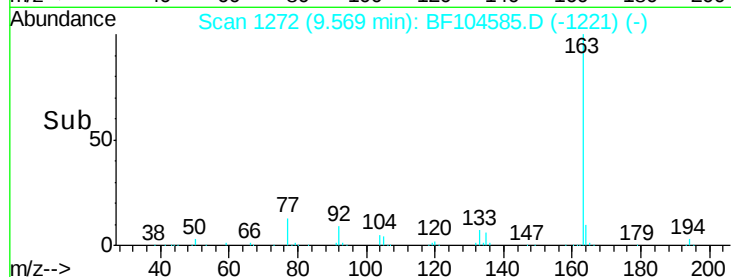
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.800 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

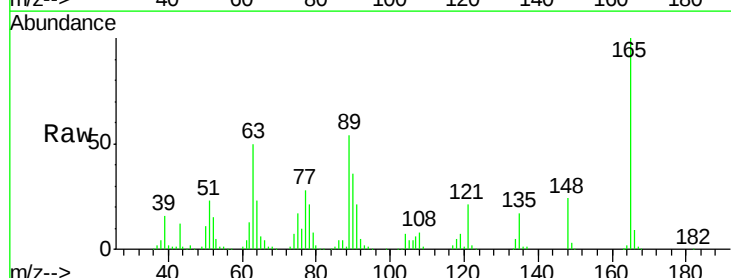
Tgt Ion:165 Resp: 166841

Ion Ratio Lower Upper

165 100

63 50.1 44.7 67.1

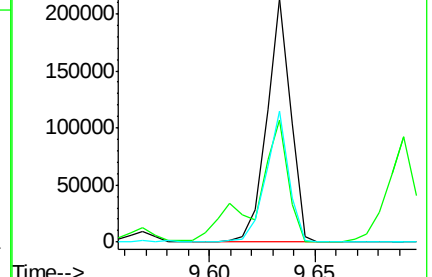
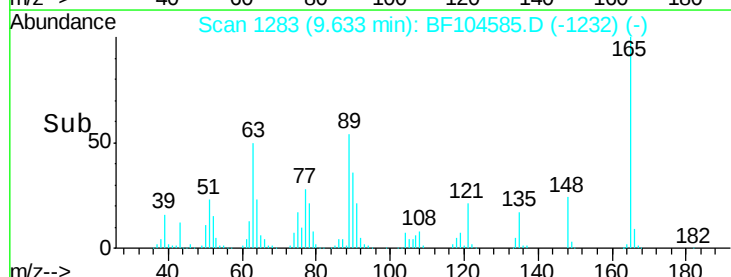
89 53.6 44.0 66.0

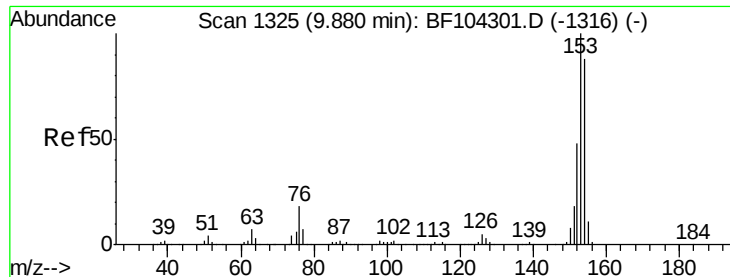


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.555 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

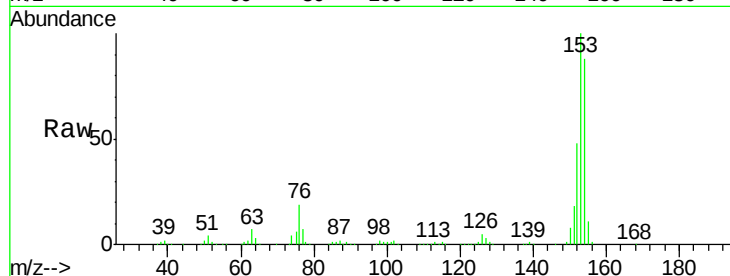
Tot Ion:154 Resp: 547971

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

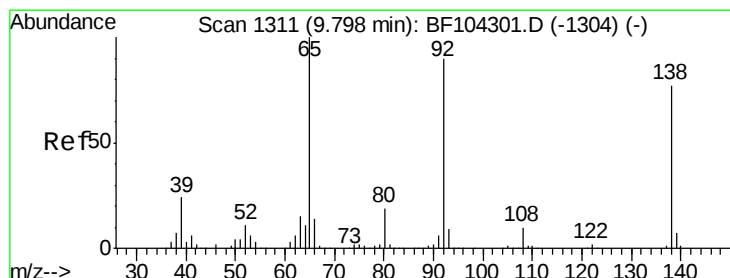
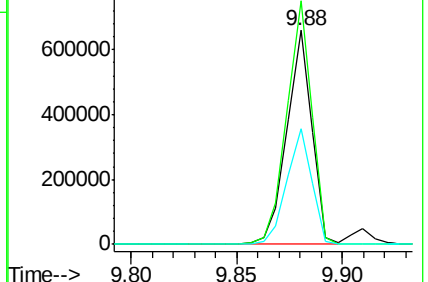
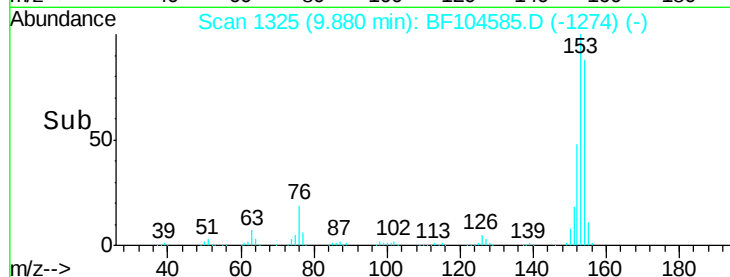
152 54.2 43.8 65.8



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: 20.421 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

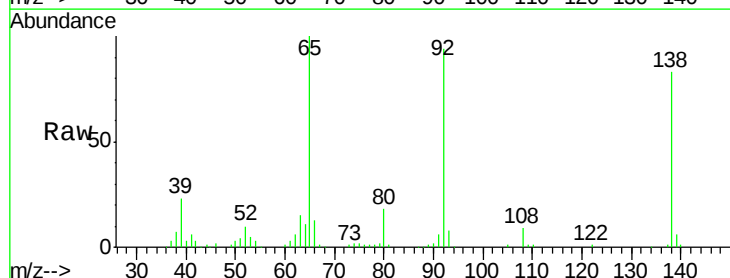
Tgt Ion:138 Resp: 87088

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

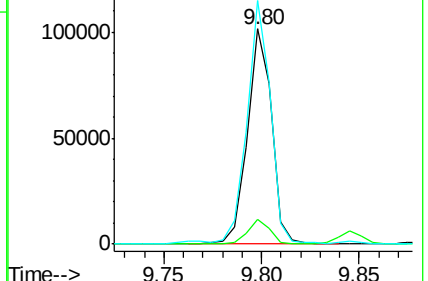
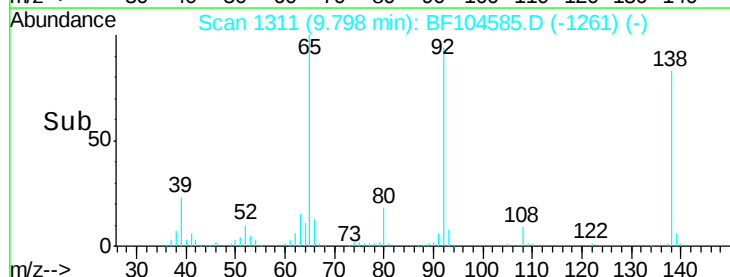
92 113.1 89.4 134.2

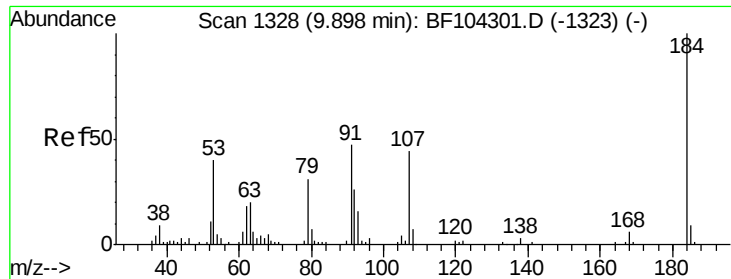


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

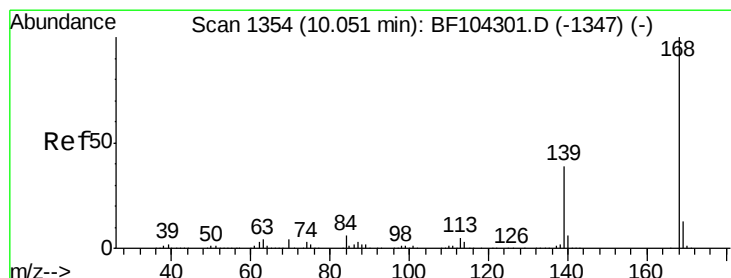
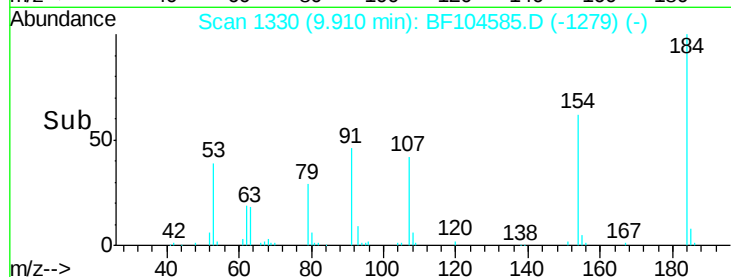
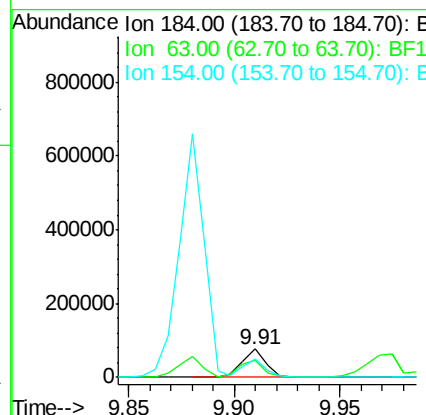
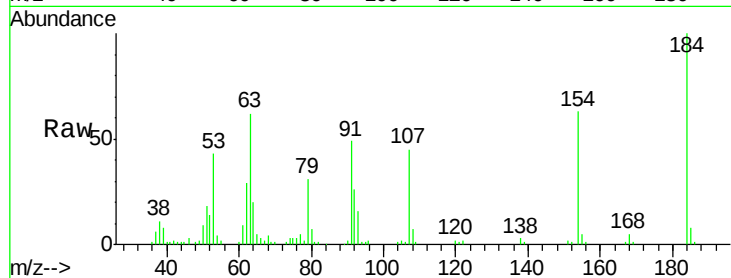




#53
 2,4-Dinitrophenol
 Concen: 49.736 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

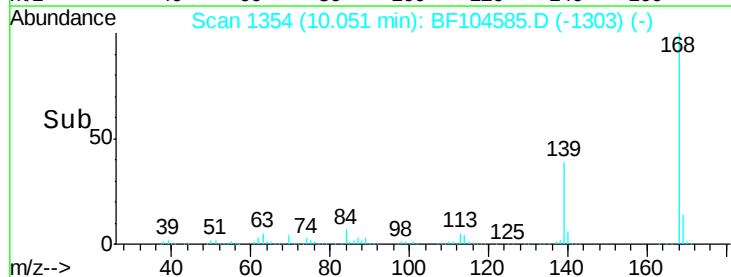
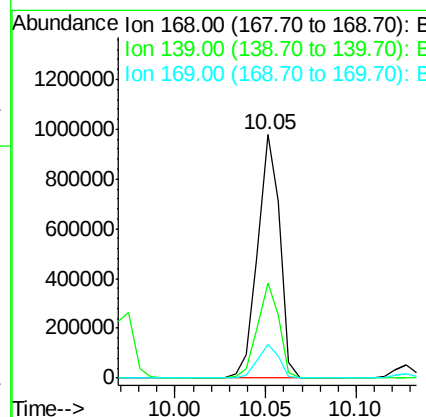
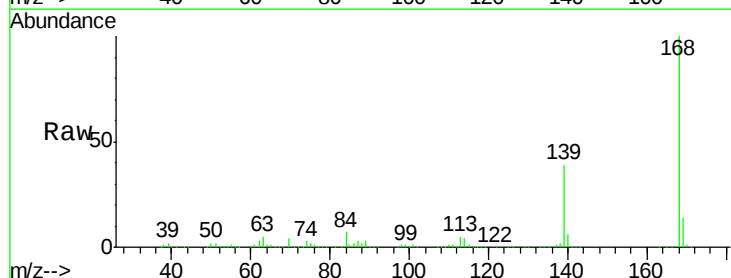
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

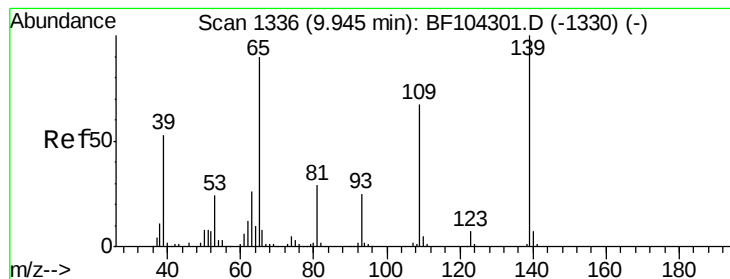
Tot Ion:184 Resp: 60577
 Ion Ratio Lower Upper
 184 100
 63 62.3 54.2 81.2
 154 62.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.543 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion:168 Resp: 829683
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 78.106 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

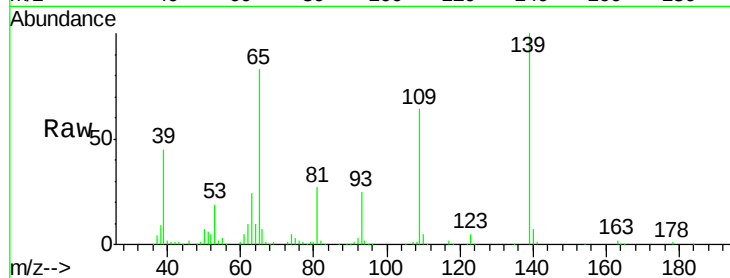
Tot Ion:139 Resp: 261658

Ion Ratio Lower Upper

139 100

109 64.1 48.4 88.4

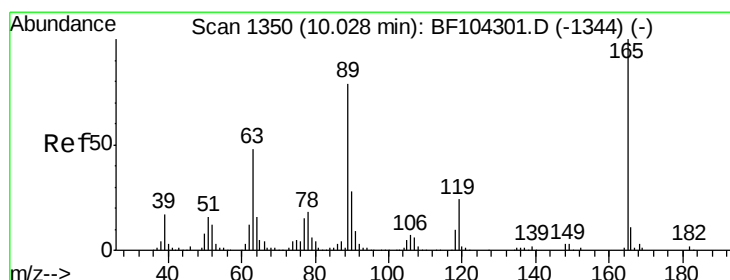
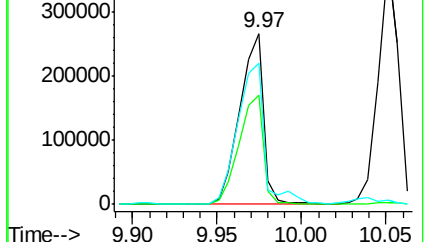
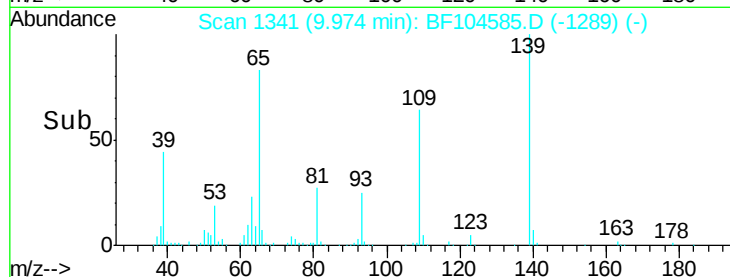
65 82.5 72.6 112.6



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: 43.766 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Tgt Ion:165 Resp: 209130

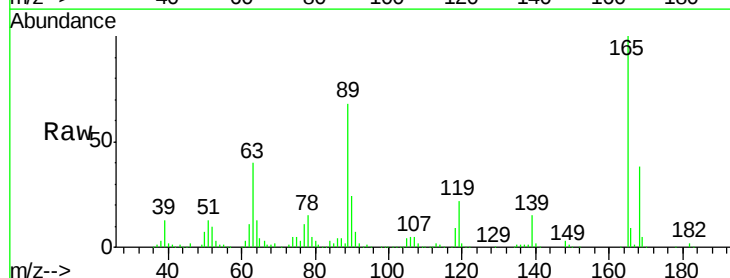
Ion Ratio Lower Upper

165 100

63 39.7 36.4 54.6

89 68.2 57.8 86.6

182 2.2 1.6 2.4

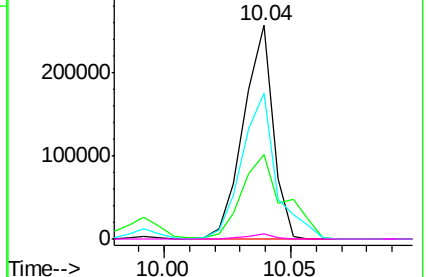
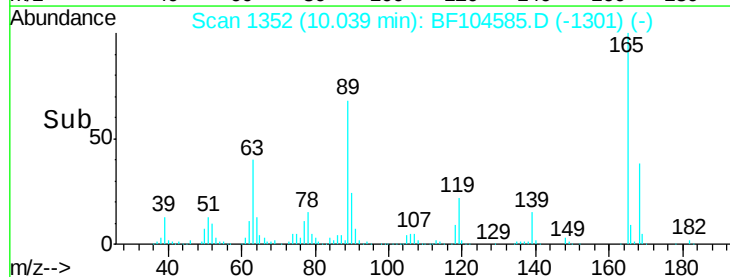


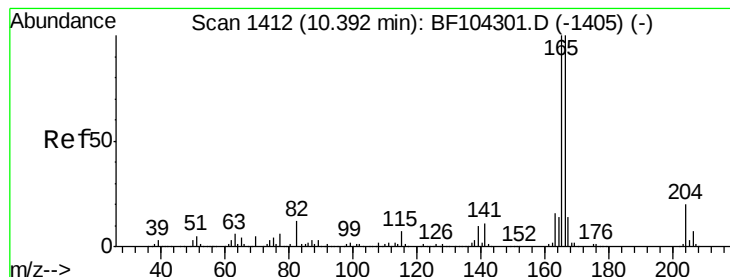
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.018 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

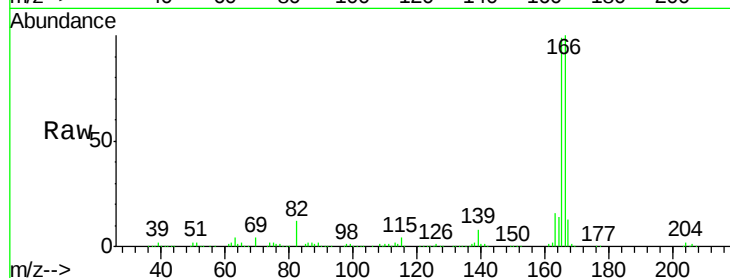
Tot Ion:166 Resp: 611549

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

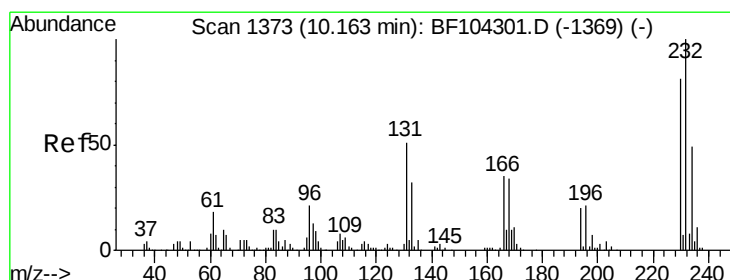
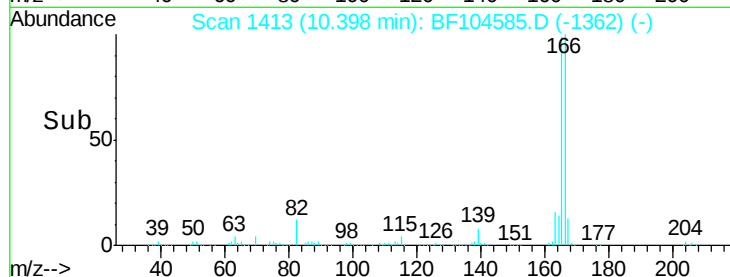
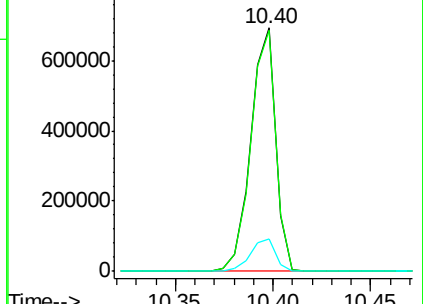
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.794 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Tgt Ion:232 Resp: 160673

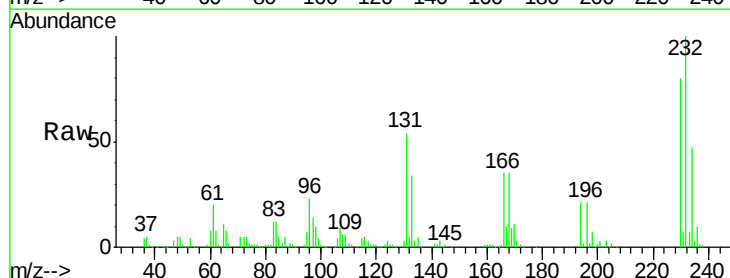
Ion Ratio Lower Upper

232 100

131 48.9 43.8 65.8

130 2.4 2.1 3.1

166 33.4 27.8 41.6

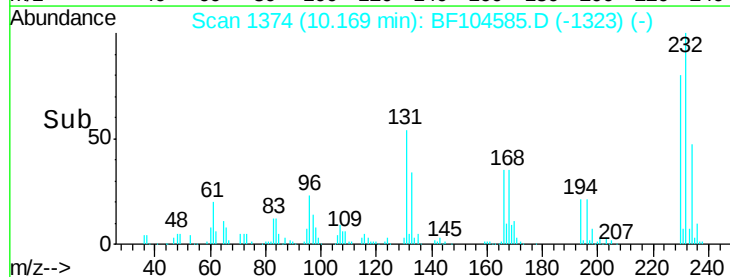
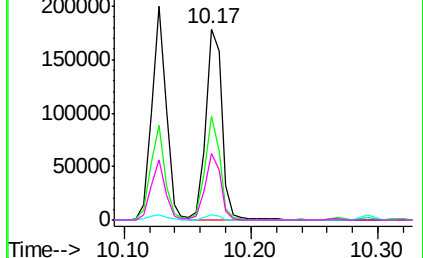


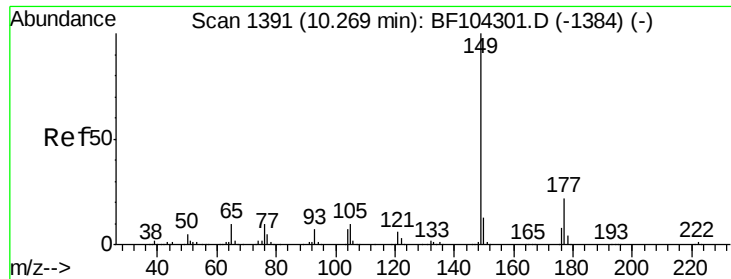
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

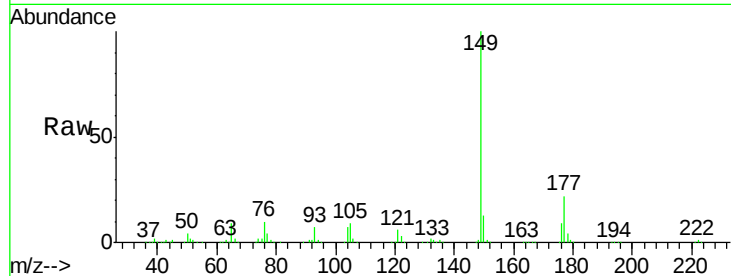




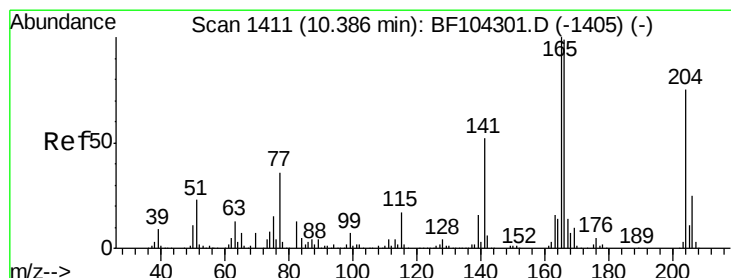
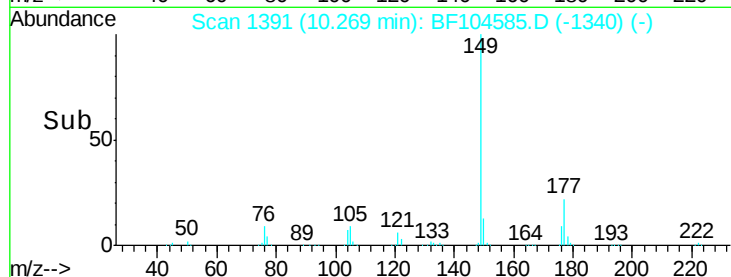
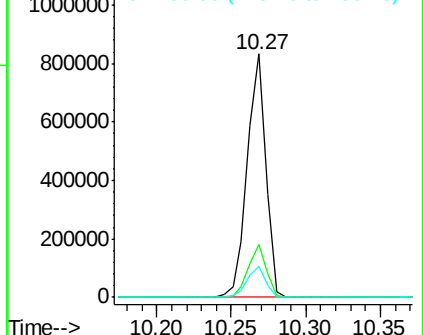
#59
Diethylphthalate
Concen: 36.580 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion:149 Resp: 717214
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.6 10.1 15.1

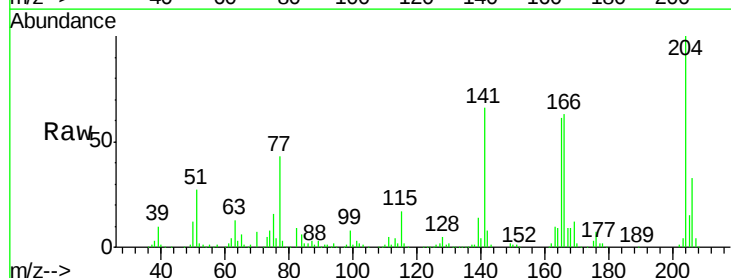


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

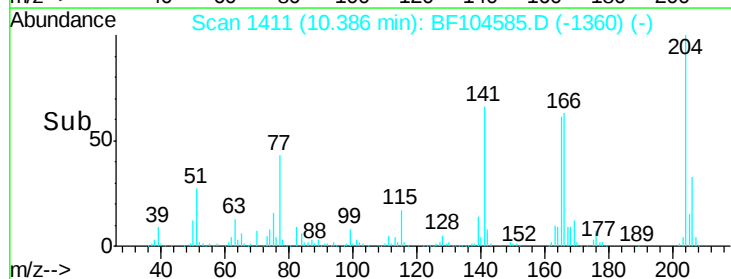
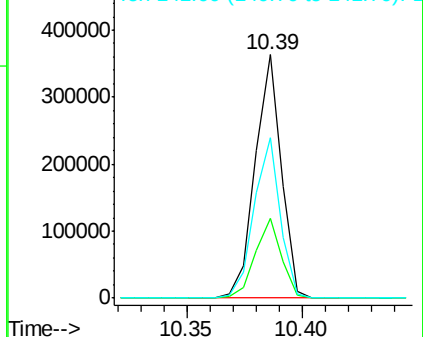


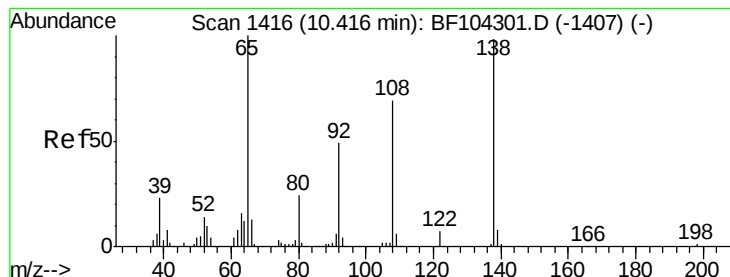
#60
4-Chlorophenyl-phenylether
Concen: 40.277 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:204 Resp: 288534
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.9 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: 31.867 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

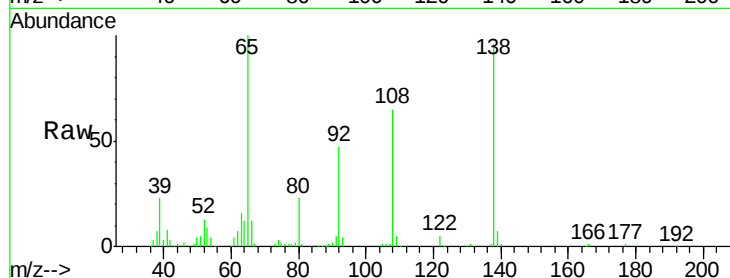
Tot Ion:138 Resp: 132882

Ion Ratio Lower Upper

138 100

92 49.1 30.2 70.2

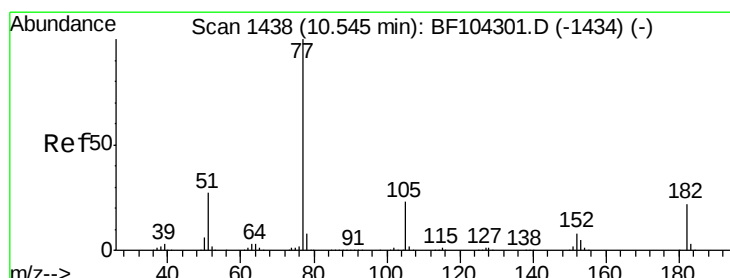
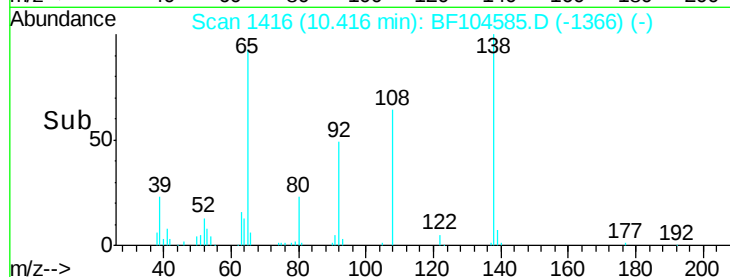
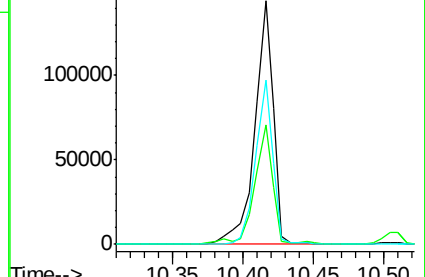
108 67.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.981 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Tgt Ion: 77 Resp: 655275

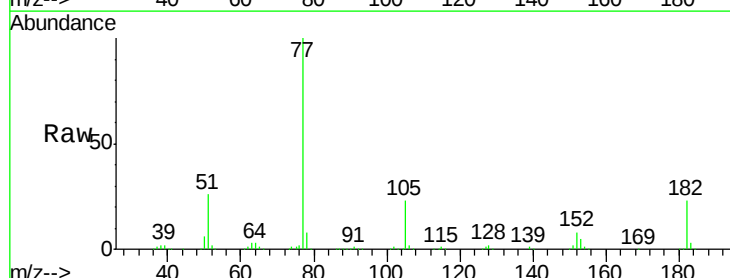
Ion Ratio Lower Upper

77 100

182 23.1 1.7 41.7

105 23.1 3.0 43.0

51 26.0 9.9 49.9

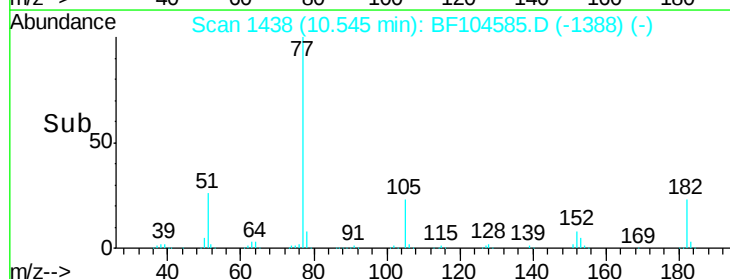
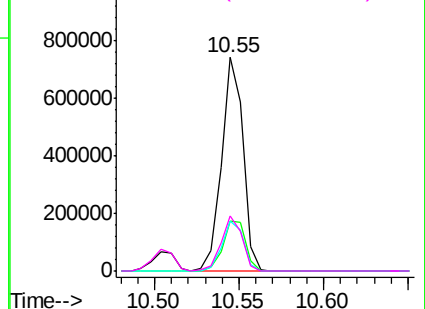


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

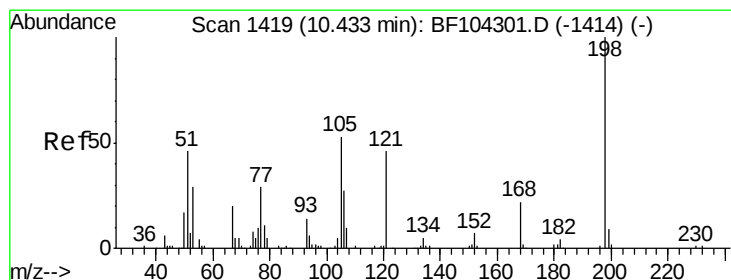
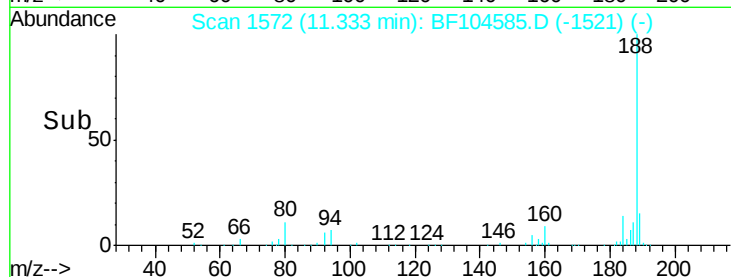
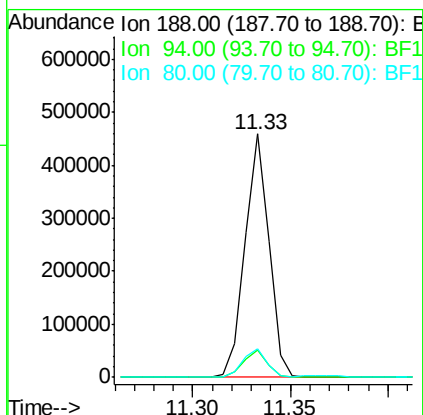
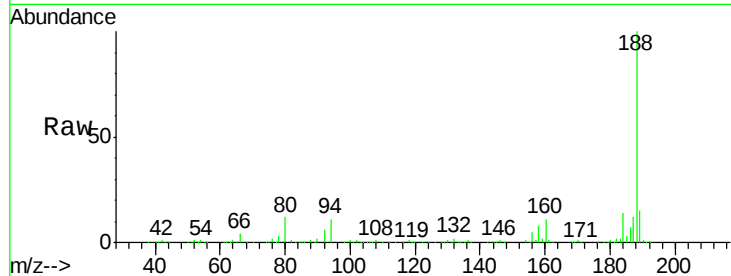




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

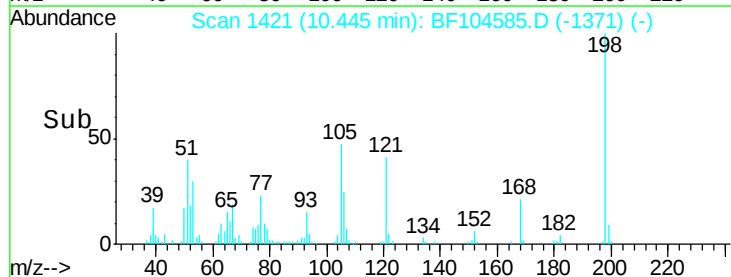
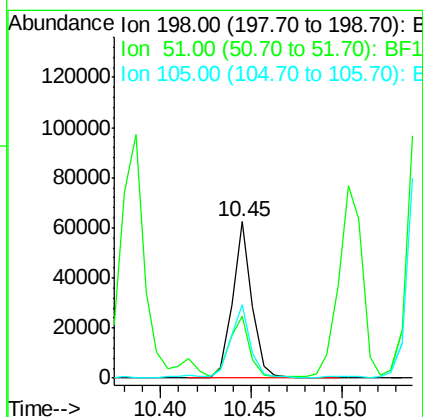
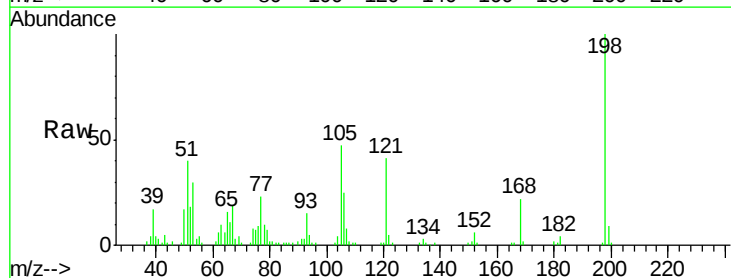
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.100 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.6	37.7	77.7
105	46.9	36.3	76.3

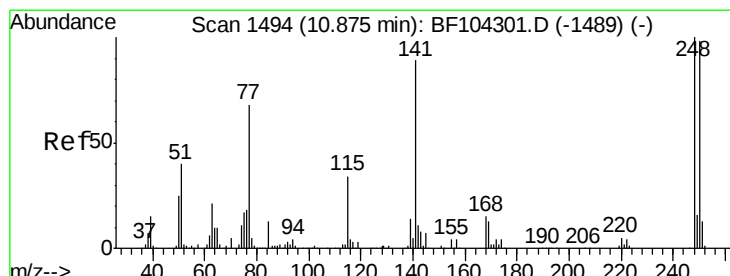
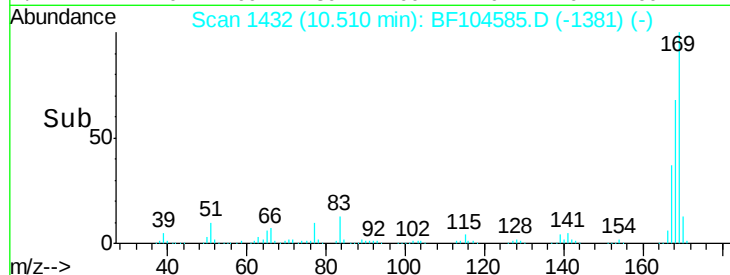
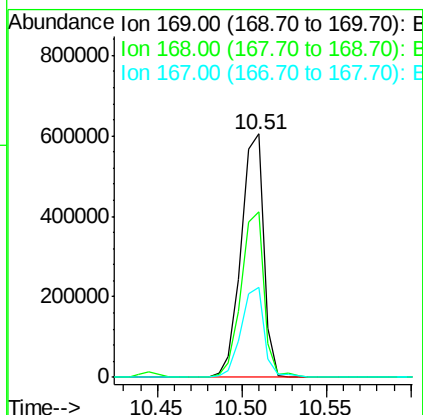
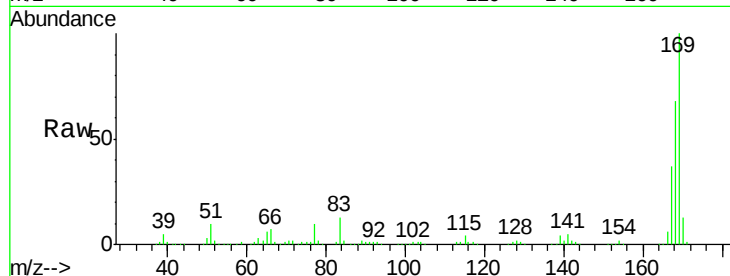




#65
 n-Nitrosodiphenylamine
 Concen: 42.018 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

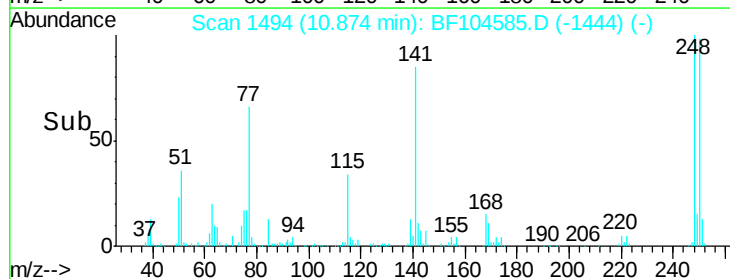
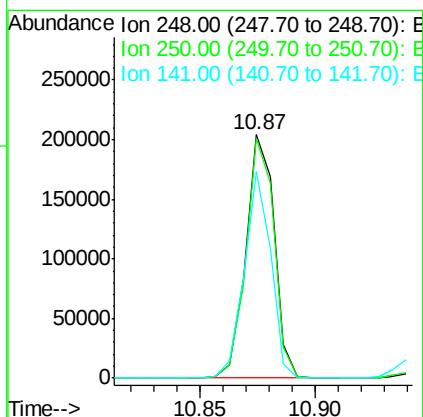
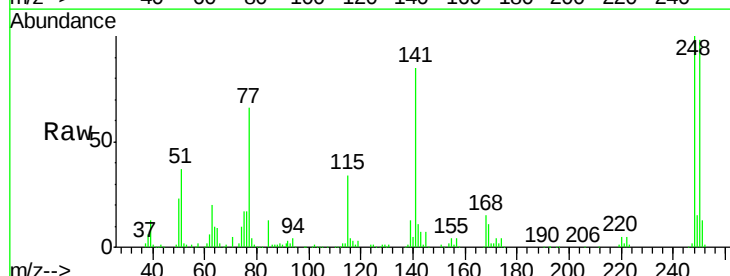
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion:169 Resp: 568381
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.427 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion:248 Resp: 176067
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 84.9 74.4 111.6

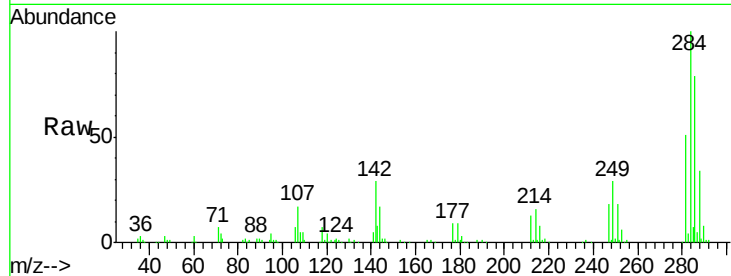




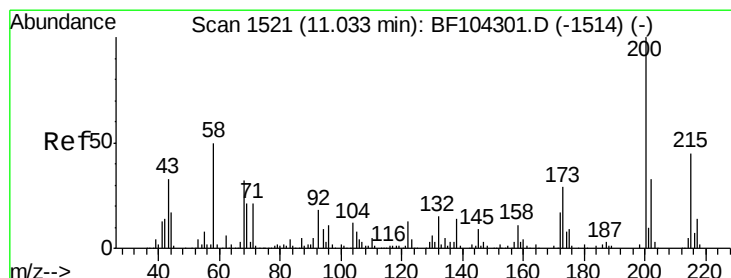
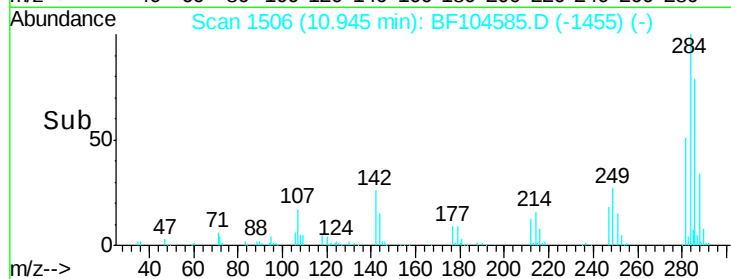
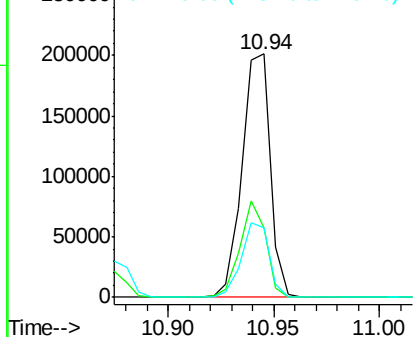
#67
Hexachlorobenzene
Concen: 39.867 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion:284 Resp: 186155
Ion Ratio Lower Upper
284 100
142 28.6 34.6 52.0#
249 28.5 24.8 37.2

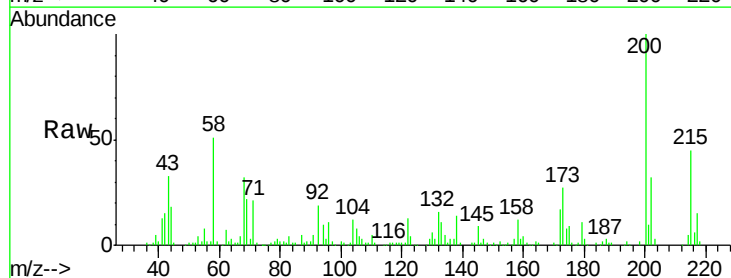


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

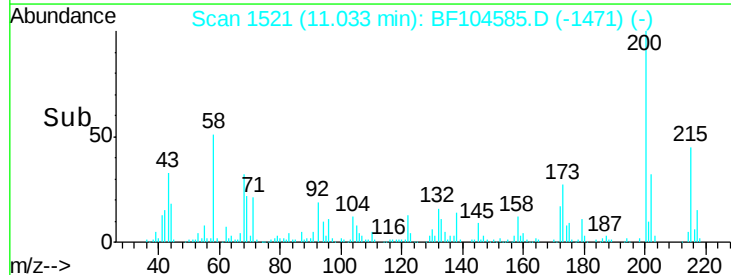
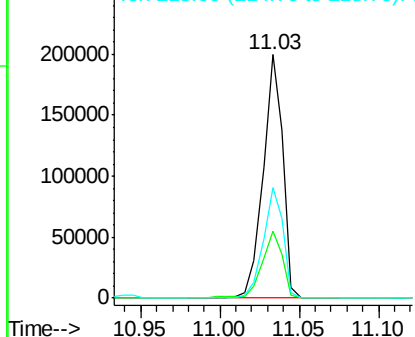


#68
Atrazine
Concen: 42.634 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:200 Resp: 174081
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 45.1 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

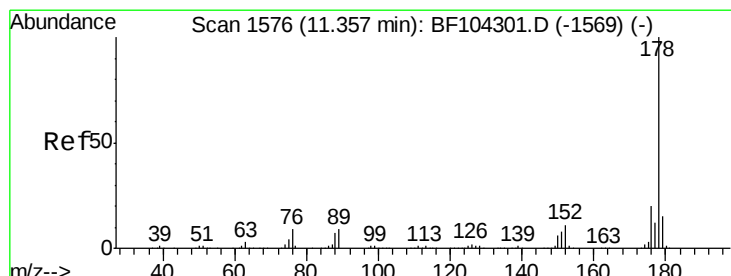
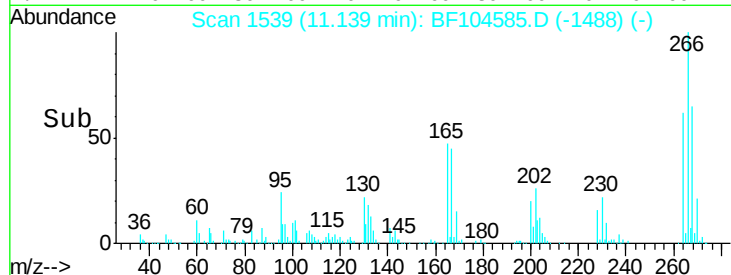
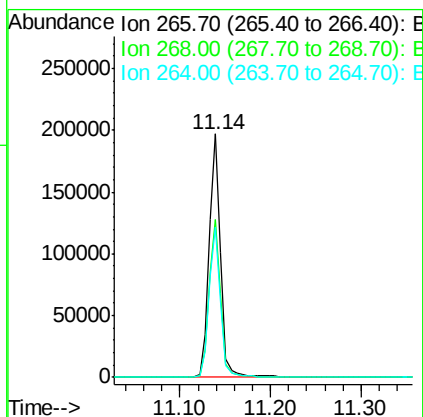
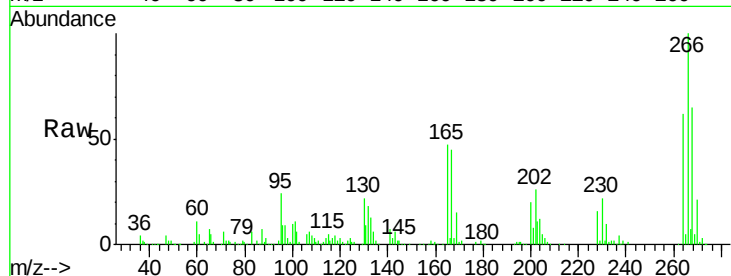




#69
 Pentachlorophenol
 Concen: 61.341 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

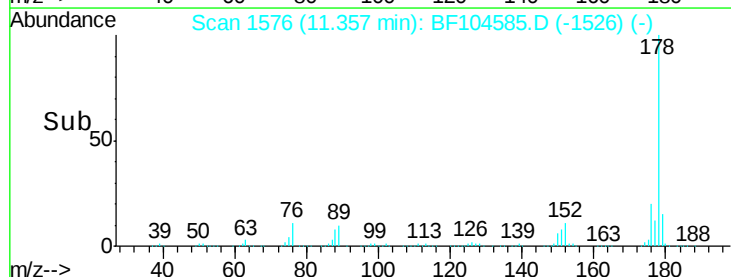
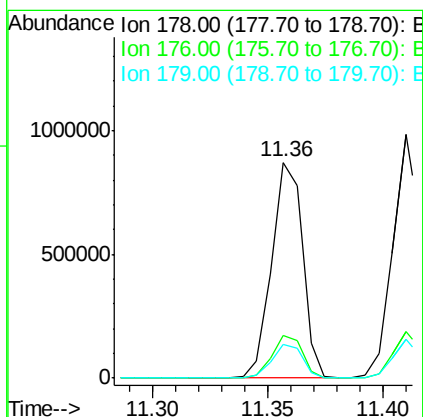
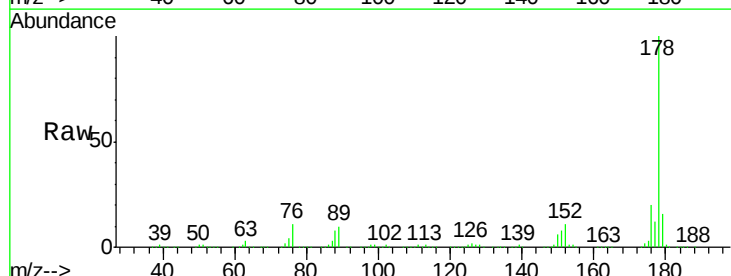
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion:266 Resp: 177199
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 61.7 49.5 74.3



#70
 Phenanthrene
 Concen: 37.368 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion:178 Resp: 811877
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 13.0 19.6

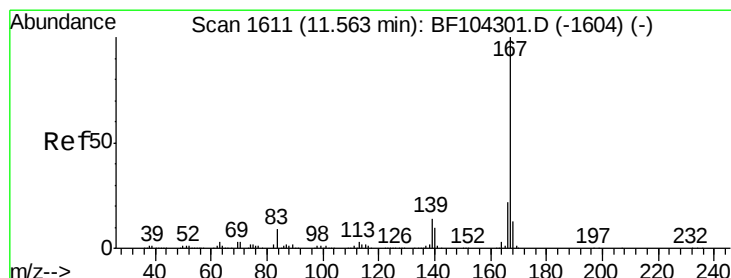
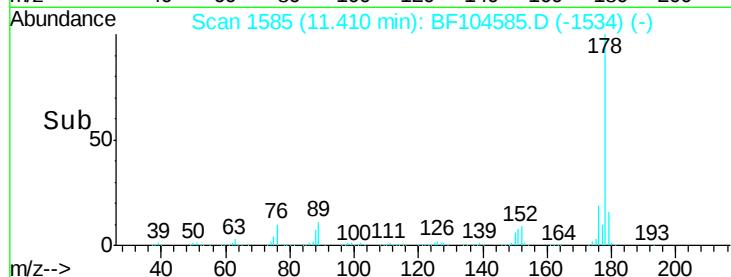
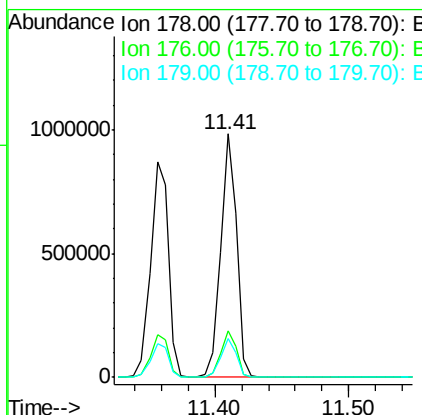
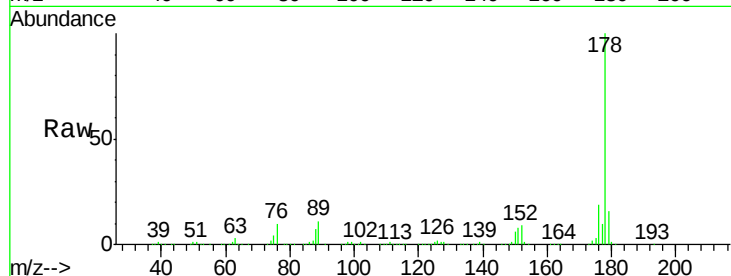




#71
 Anthracene
 Concen: 37.535 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

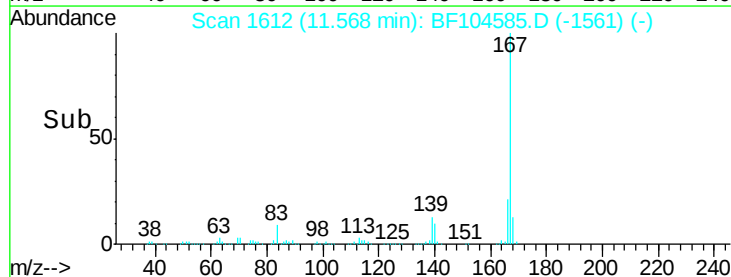
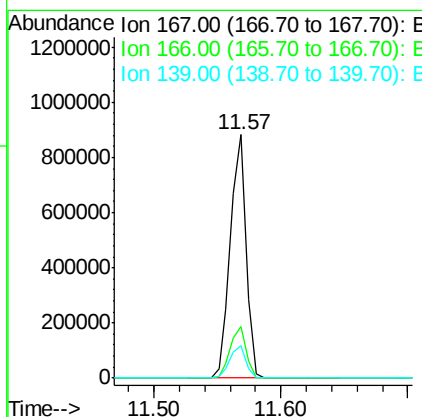
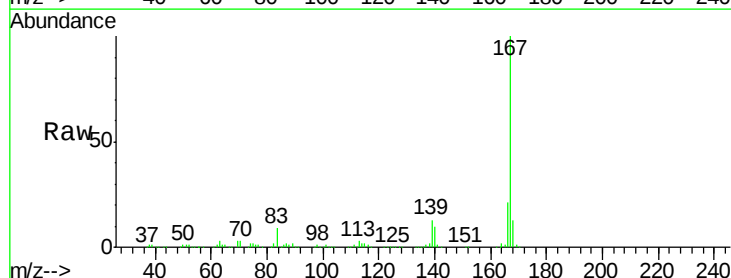
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

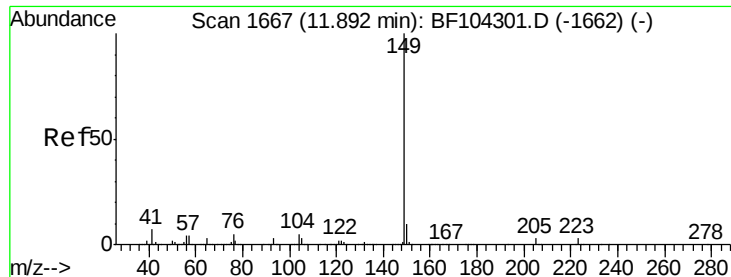
Tot Ion:178 Resp: 828973
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 35.235 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion:167 Resp: 760418
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.100 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

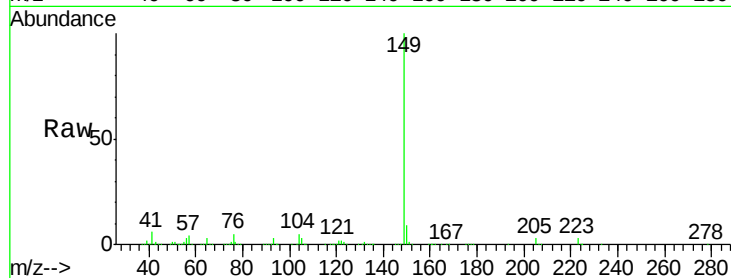
Tot Ion:149 Resp: 1004427

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

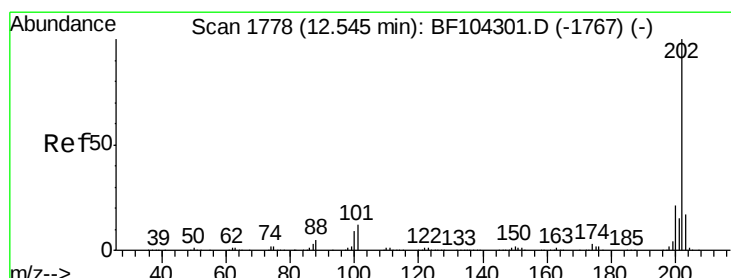
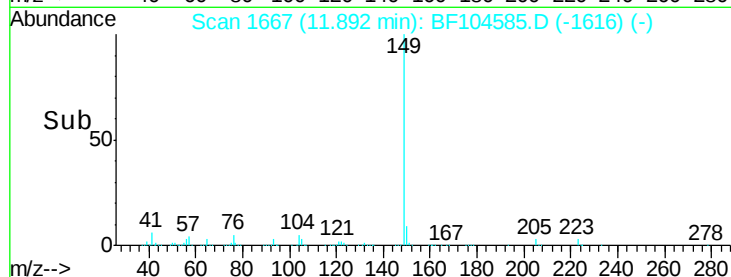
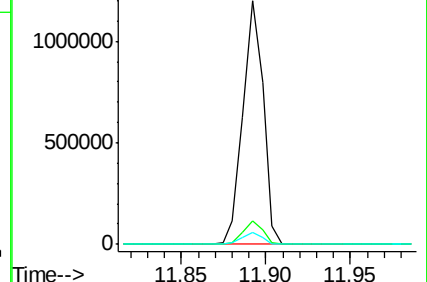
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.162 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

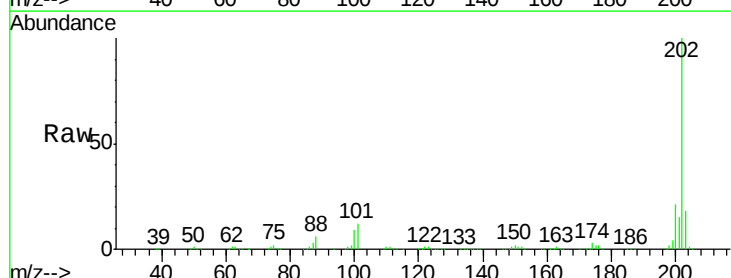
Tgt Ion:202 Resp: 775473

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

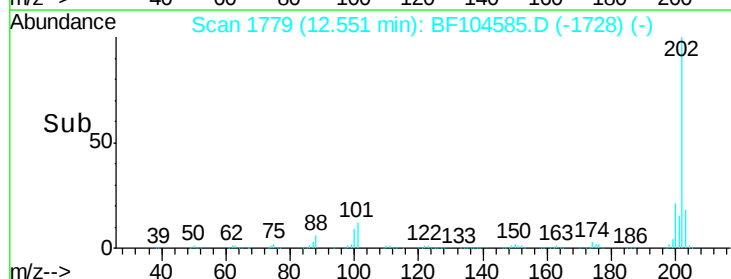
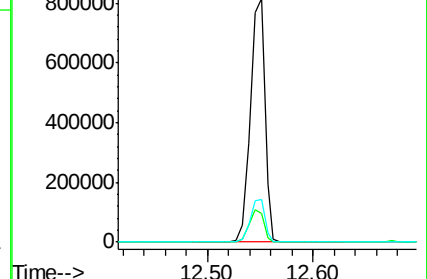
203 17.7 0.0 38.1

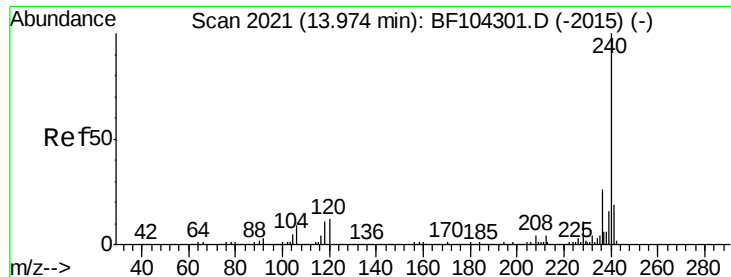


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

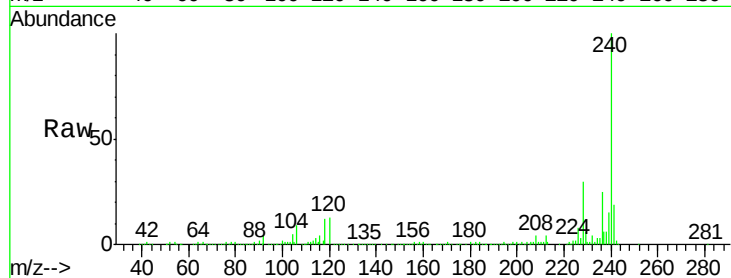
Tot Ion:240 Resp: 276055

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

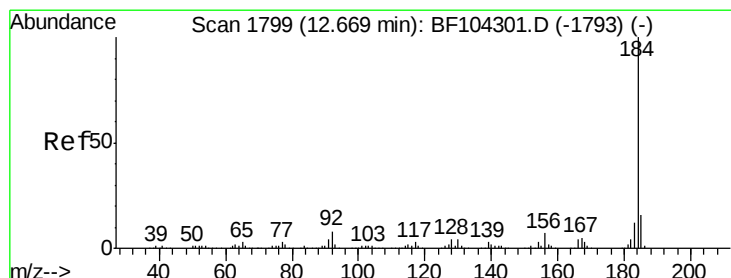
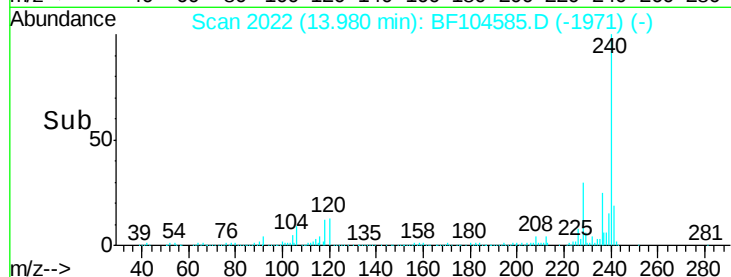
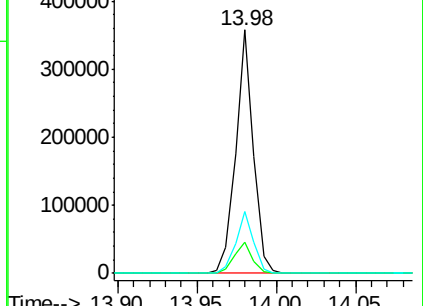
236 25.2 20.7 31.1



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: 56.615 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

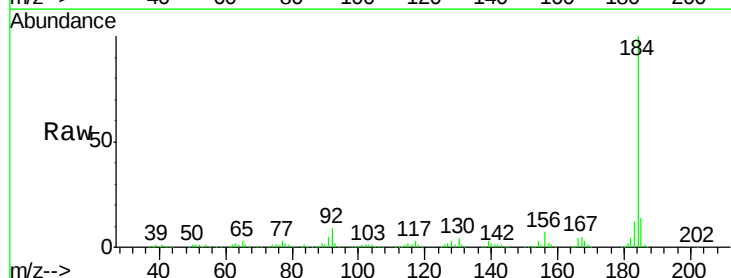
Tgt Ion:184 Resp: 474021

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

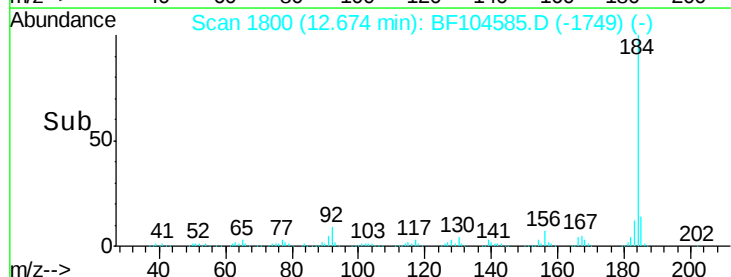
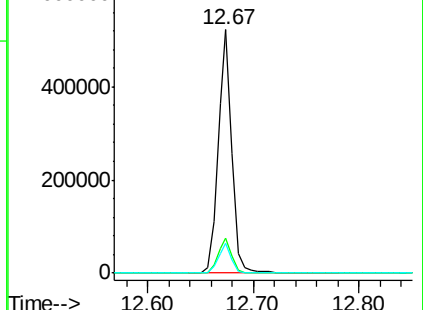
183 12.0 9.3 13.9

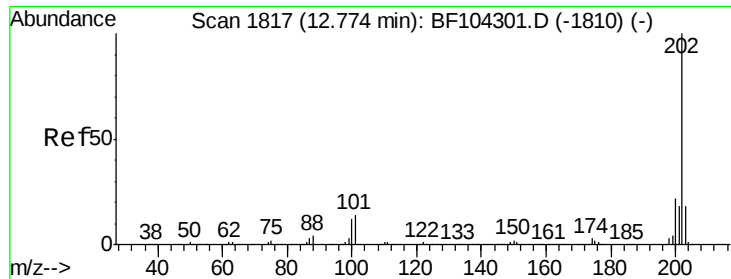


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

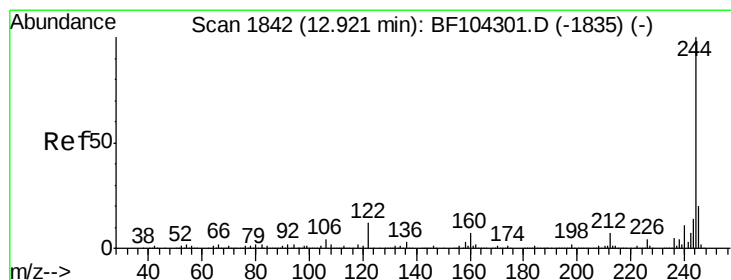
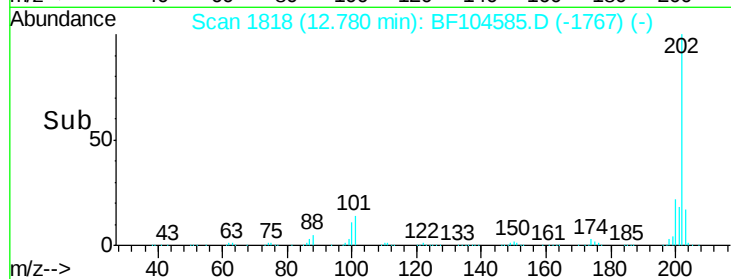
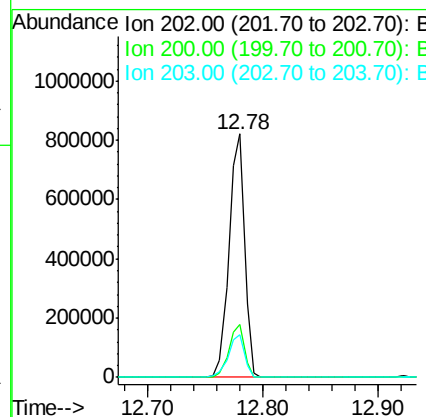
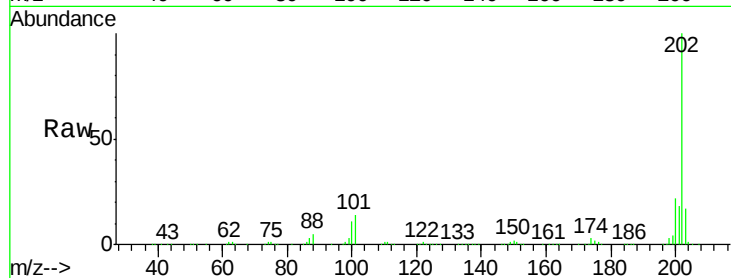




#77
Pvrene
Concen: 37.526 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

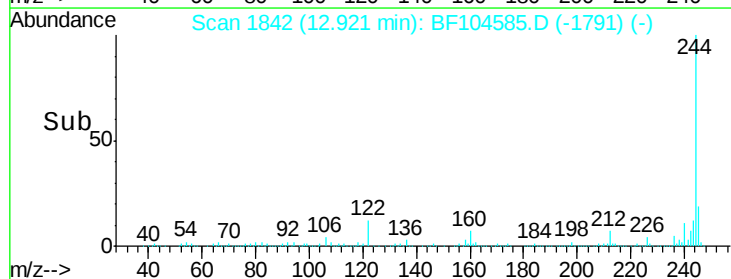
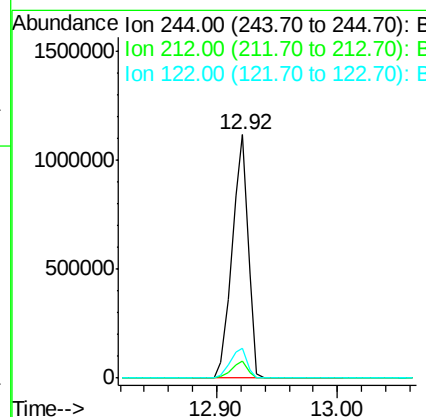
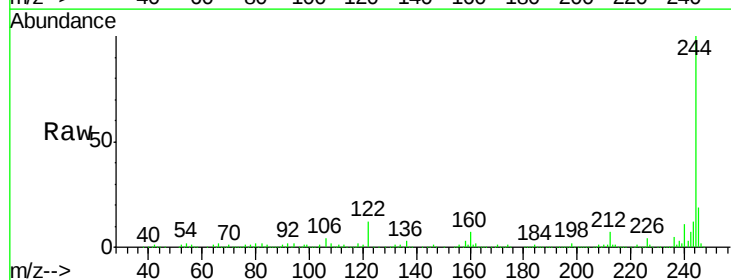
Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.4	14.3	21.5



#78
Terphenyl-d14
Concen: 84.593 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4

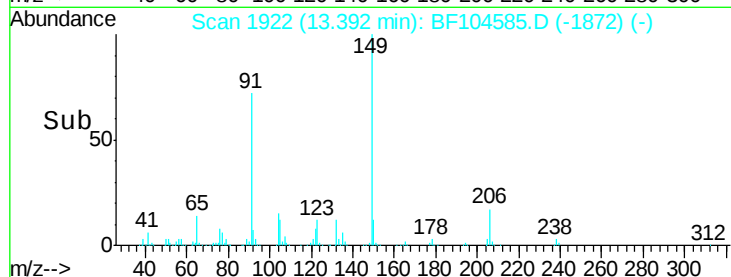
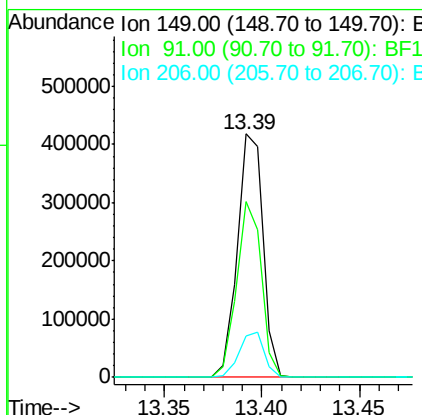
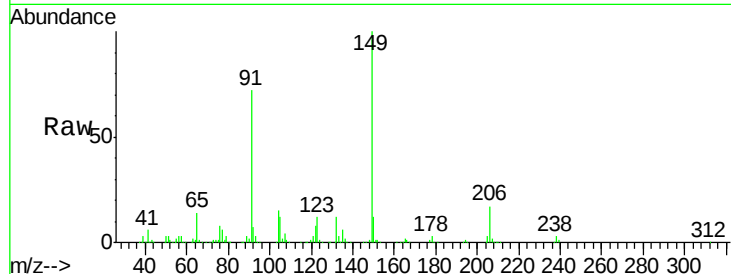




#79
Butylbenzylphthalate
Concen: 39.525 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

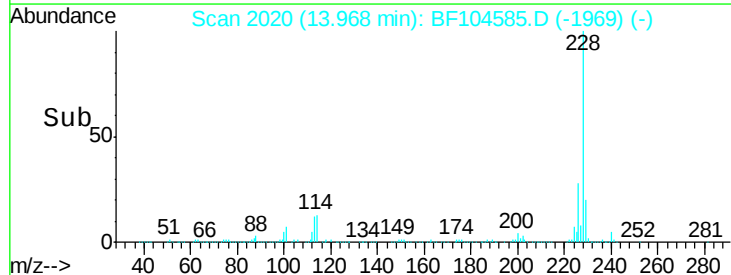
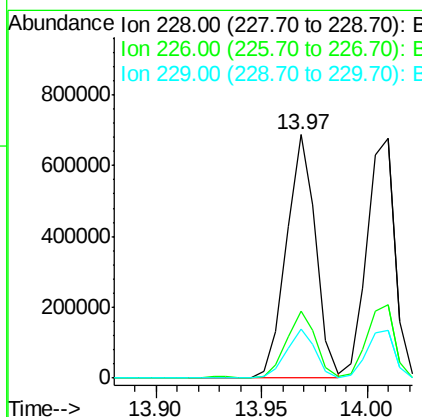
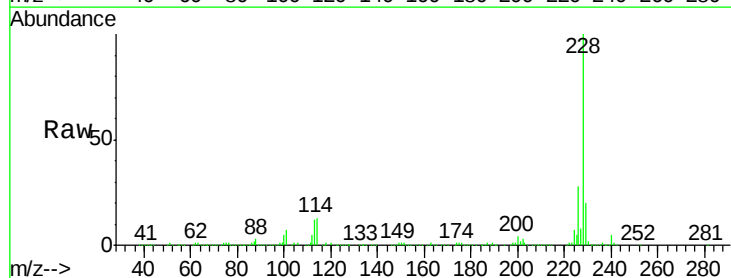
Instrument :
BNA_F
ClientSampleId :
PB108302BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	16.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.249 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.724 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

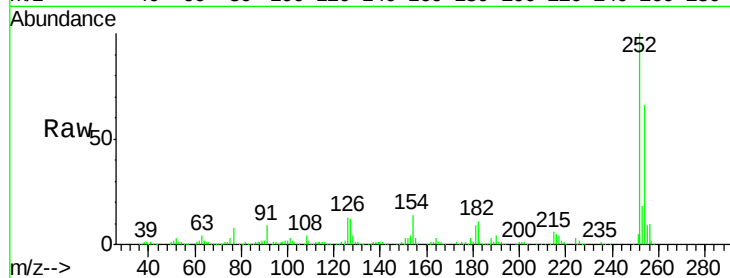
Tot Ion:252 Resp: 219671

Ion Ratio Lower Upper

252 100

254 65.8 50.4 75.6

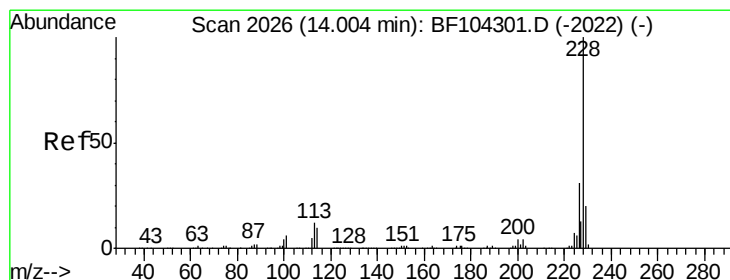
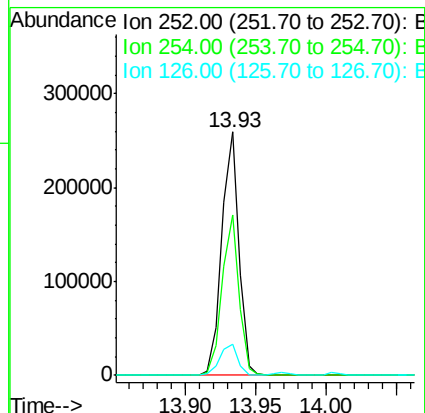
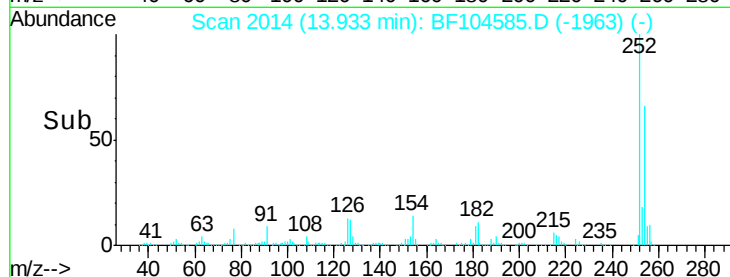
126 12.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.192 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

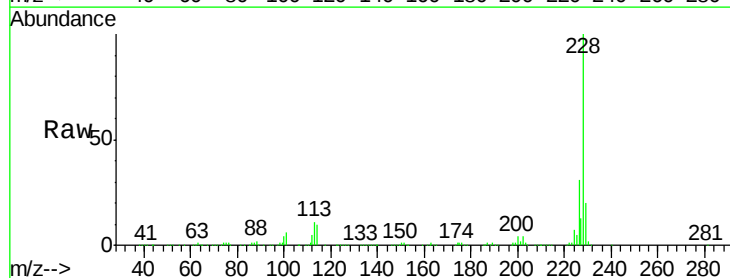
Tgt Ion:228 Resp: 630018

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

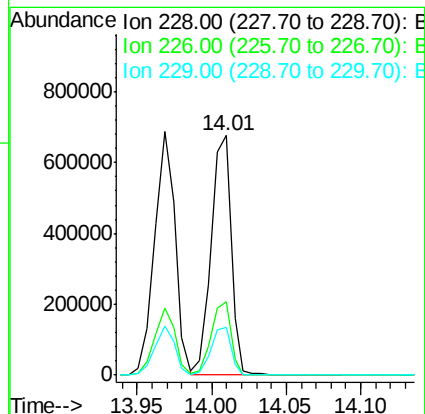
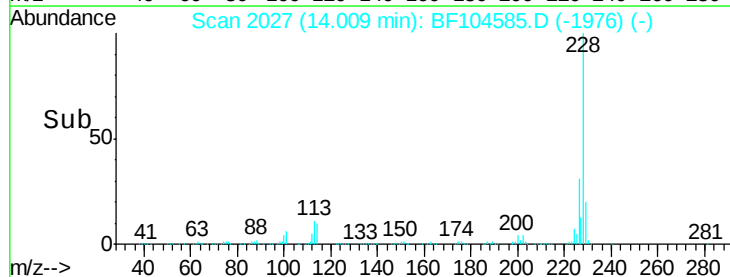
229 19.7 16.2 24.4

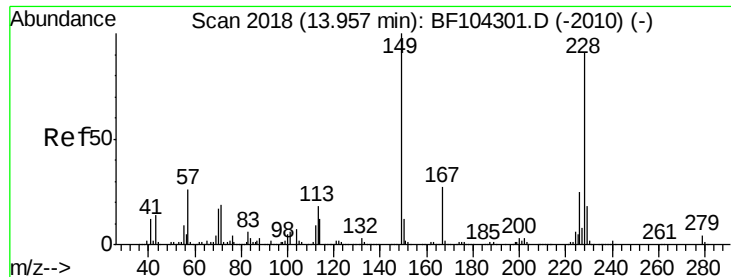


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.399 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

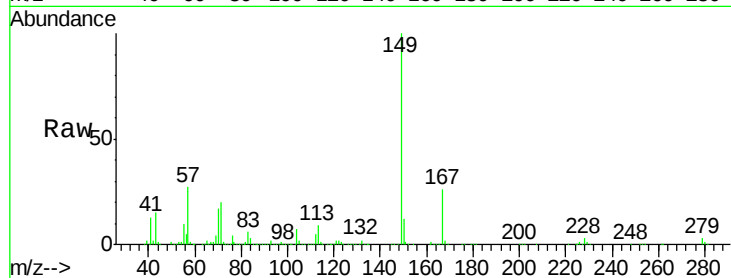
Tot Ion:149 Resp: 525725

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

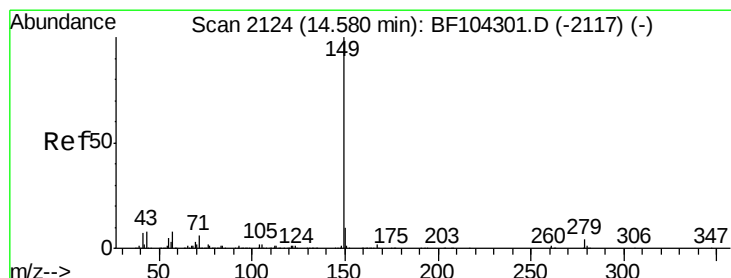
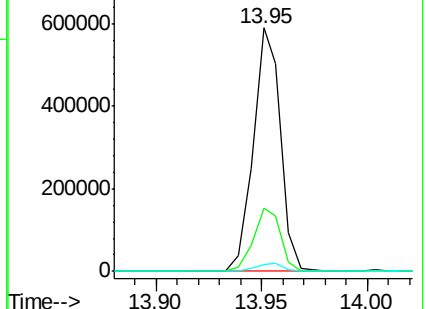
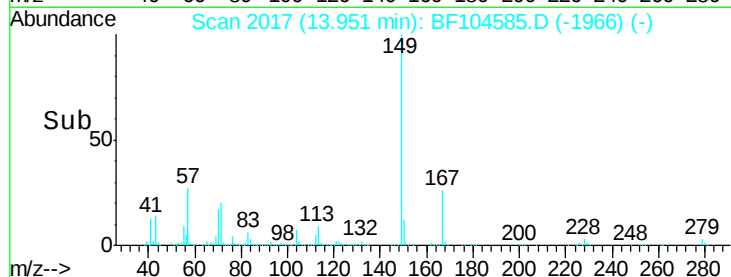
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.444 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

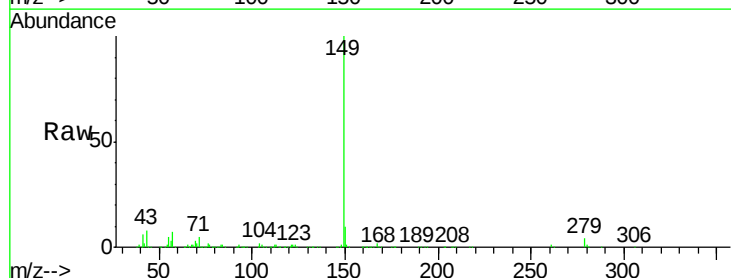
Tgt Ion:149 Resp: 879364

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

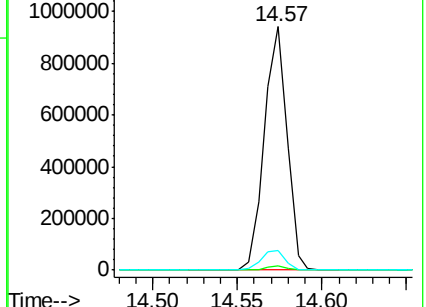
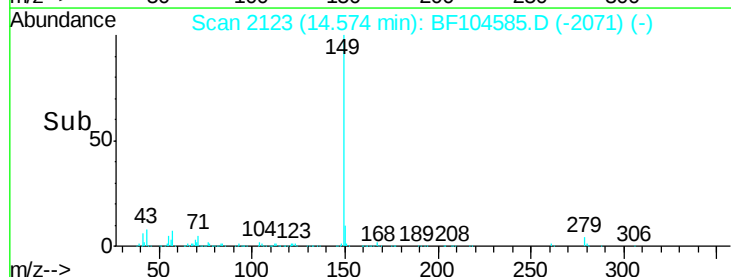
43 8.4 8.4 12.6

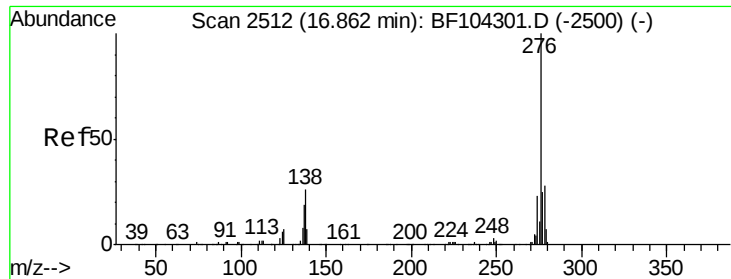


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

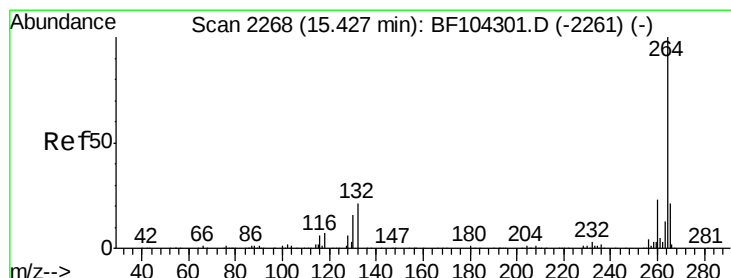
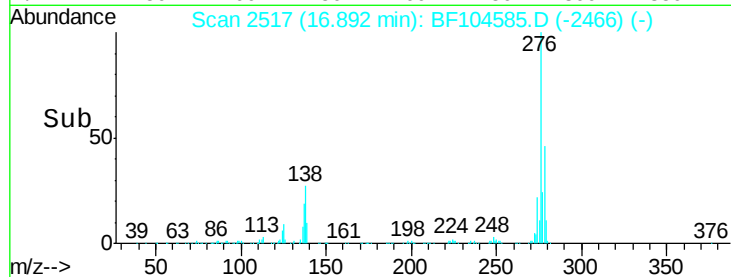
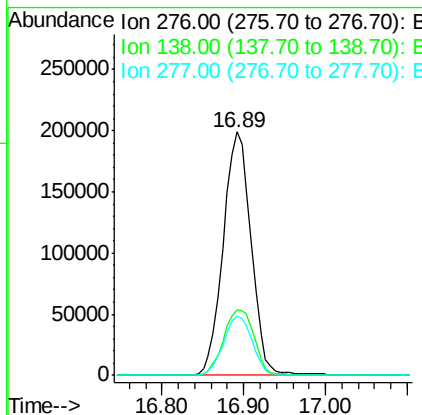
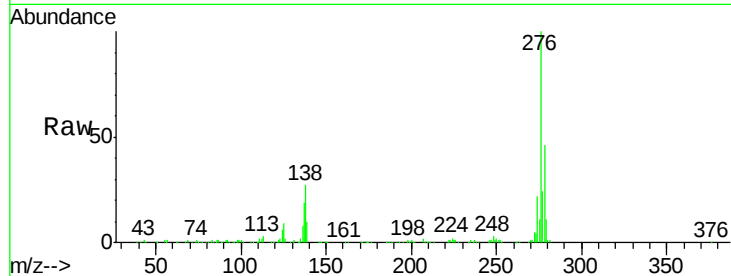




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.965 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

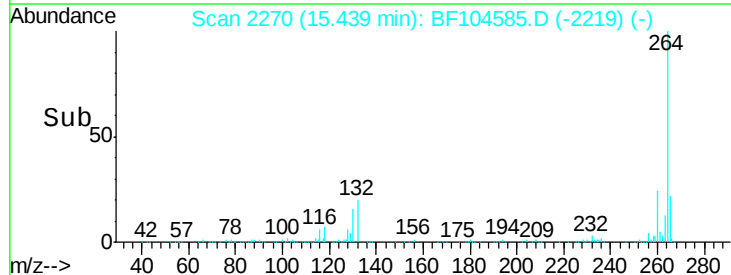
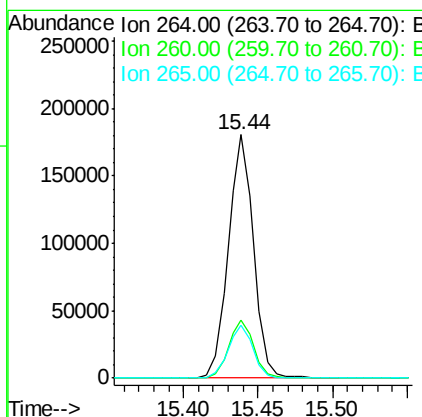
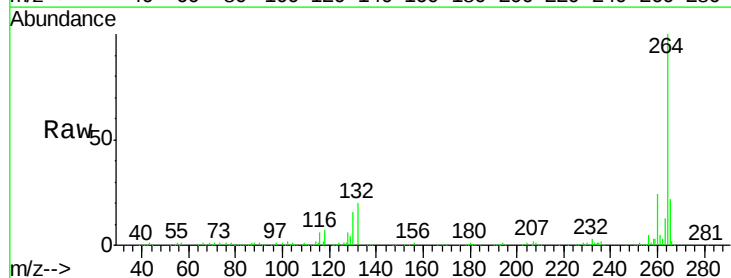
Instrument :
 BNA_F
 ClientSampleId :
 PB108302BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104585.D
 Acq: 18 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

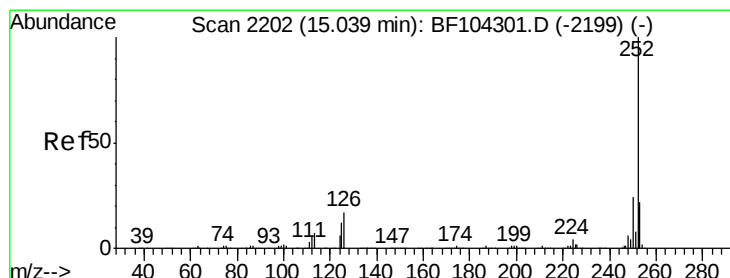
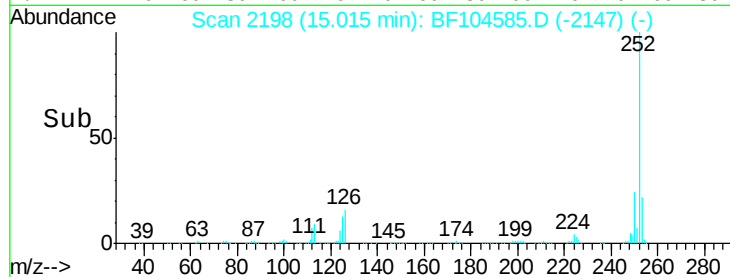
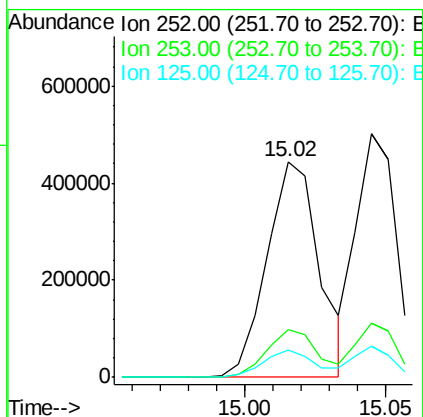
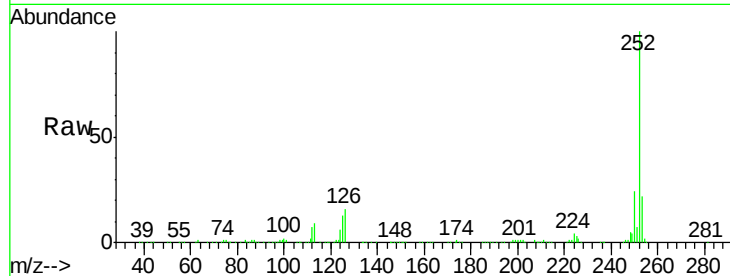




#87
Benzo(b)fluoranthene
Concen: 42.430 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

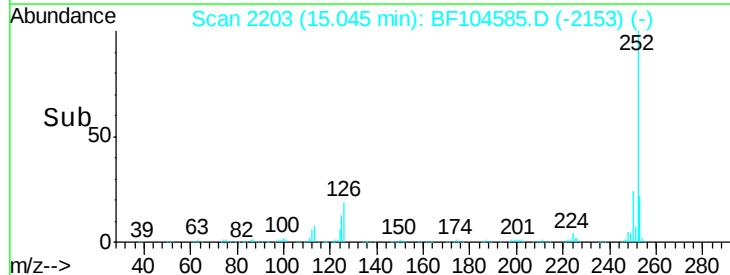
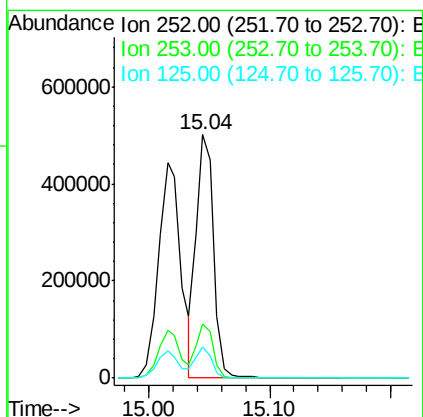
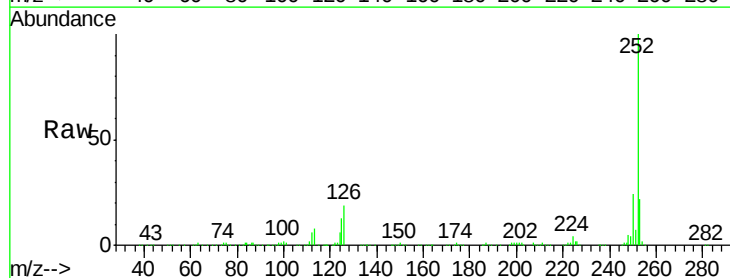
Instrument :
BNA_F
ClientSampleId :
PB108302BS

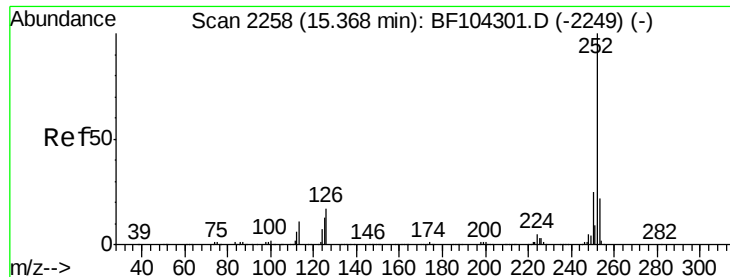
Tot Ion:252 Resp: 573473
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.209 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:252 Resp: 500311
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.7 10.2 15.2

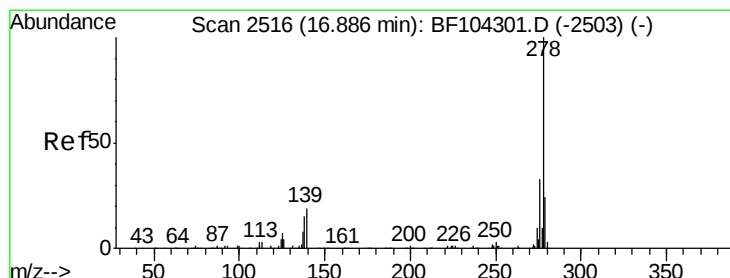
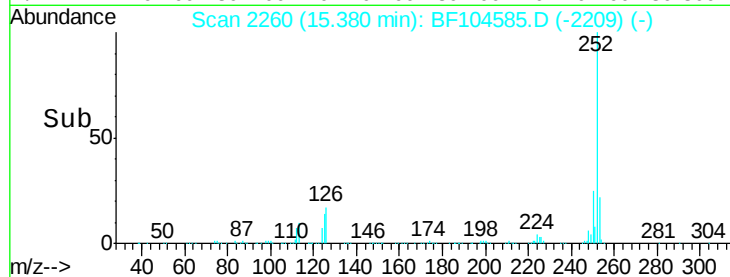
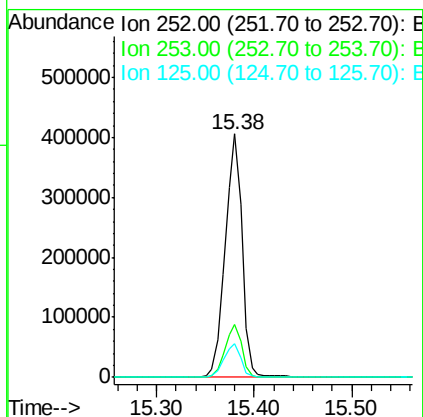
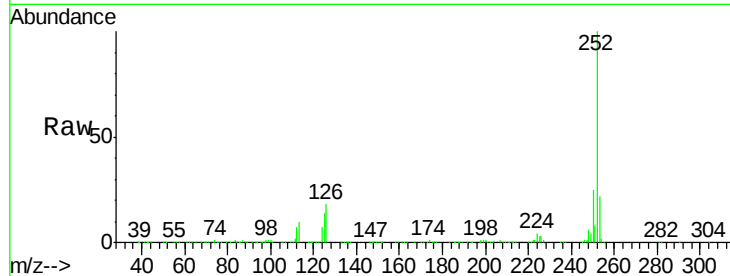




#89
Benzo(a)pyrene
Concen: 40.423 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

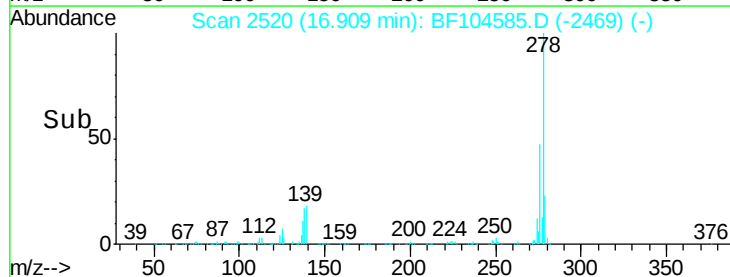
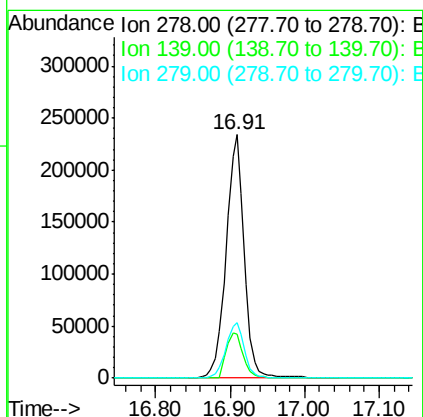
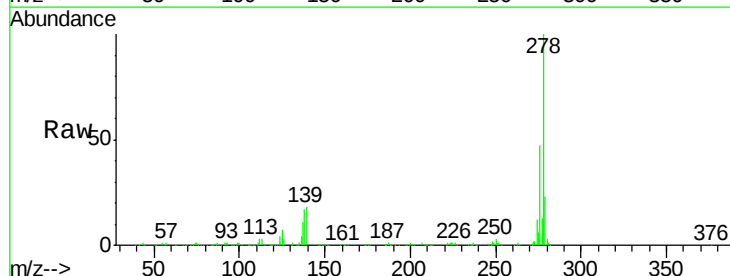
Instrument :
BNA_F
ClientSampleId :
PB108302BS

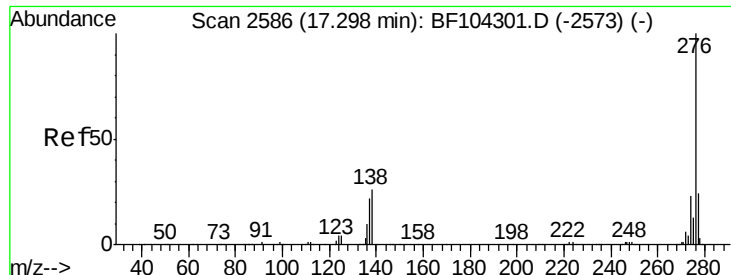
Tot Ion:252 Resp: 488839
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.897 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BF104585.D
Acq: 18 Apr 2018 1:53

Tgt Ion:278 Resp: 396265
Ion Ratio Lower Upper
278 100
139 18.3 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.265 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BF104585.D

Acq: 18 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

PB108302BS

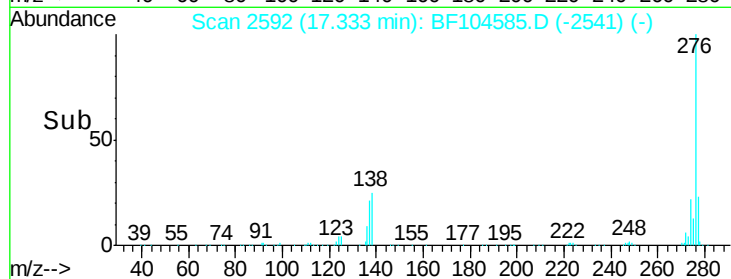
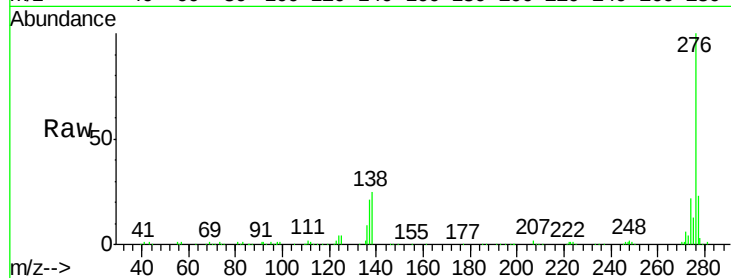
Tot Ion: 276 Resp: 387449

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 24.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

