

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104335.D
 Acq On : 7 Apr 2018 4:34
 Operator : JU/SJ
 Sample : PB108048BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Quant Time: Apr 07 05:31:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139144	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	560225	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	254195	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	391640	20.00	ng	0.00
75) Chrysene-d12	13.97	240	257919	20.00	ng	0.00
86) Perylene-d12	15.43	264	241890	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	802930	88.23	ng	0.02
7) Phenol-d6	6.43	99	1005092	89.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	857931	100.00	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	219523	83.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1475961	91.73	ng	0.00
78) Terphenyl-d14	12.92	244	1024955	90.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	158594	37.402	ng	91
3) Pyridine	3.34	79	459553	38.548	ng	88
4) n-Nitrosodimethylamine	3.30	42	183484	44.029	ng	80
6) Aniline	6.47	93	344552	22.181	ng	96
8) 2-Chlorophenol	6.59	128	421898	43.926	ng	94
9) Benzaldehyde	6.35	77	106302	14.988	ng	99
10) Phenol	6.45	94	526340	44.367	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	402364	42.501	ng	95
12) 1,3-Dichlorobenzene	6.75	146	436885	40.151	ng	99
13) 1,4-Dichlorobenzene	6.82	146	442656	40.810	ng	99
14) 1,2-Dichlorobenzene	6.97	146	407545	40.545	ng	98
15) Benzyl Alcohol	6.95	79	351304	41.368	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	518340	40.770	ng	93
17) 2-Methylphenol	7.06	107	354306	42.437	ng	97
18) Hexachloroethane	7.32	117	151516	39.179	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	282179	38.621	ng	90
20) 3+4-Methylphenols	7.21	107	409859	39.582	ng	# 80
22) Acetophenone	7.22	105	552821	40.081	ng	95
24) Nitrobenzene	7.39	77	422097	44.561	ng	98
25) Isophorone	7.63	82	797367	43.950	ng	98
26) 2-Nitrophenol	7.70	139	210731	54.647	ng	98
27) 2,4-Dimethylphenol	7.74	122	395772	49.429	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	501931	45.249	ng	99
29) 2,4-Dichlorophenol	7.95	162	339804	44.478	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	344834	41.128	ng	99
31) Naphthalene	8.11	128	1170000	41.941	ng	99
32) Benzoic acid	7.87	122	272957	42.726	ng	97
33) 4-Chloroaniline	8.16	127	164317	13.749	ng	97
34) Hexachlorobutadiene	8.23	225	185136	40.313	ng	99
35) Caprolactam	8.53	113	108889	40.857	ng	# 87
36) 4-Chloro-3-methylphenol	8.64	107	361413	44.119	ng	99
37) 2-Methylnaphthalene	8.80	142	760375	42.139	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	318079	43.713	ng	99
40) Hexachlorocyclopentadiene	8.95	237	134336	32.977	ng	98

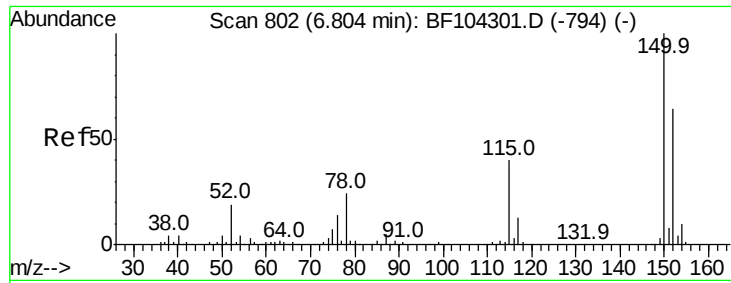
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	232719	46.072	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	234751	41.530	nq	96
45) 1,1'-Biphenyl	9.27	154	889488	41.654	nq	100
46) 2-Chloronaphthalene	9.29	162	692618	41.063	nq	100
47) 2-Nitroaniline	9.39	65	211828	50.783	nq	95
48) Acenaphthylene	9.71	152	1058121	39.984	nq	100
49) Dimethylphthalate	9.57	163	827046	41.259	nq	100
50) 2,6-Dinitrotoluene	9.63	165	181786	49.010	nq	95
51) Acenaphthene	9.88	154	654275	40.521	nq	99
52) 3-Nitroaniline	9.80	138	109342	25.181	nq	100
53) 2,4-Dinitrophenol	9.90	184	63096	50.537	nq	# 18
54) Dibenzofuran	10.05	168	929275	41.298	nq	97
55) 4-Nitrophenol	9.96	139	304613	89.303	nq	100
56) 2,4-Dinitrotoluene	10.03	165	233840	48.062	nq	98
57) Fluorene	10.40	166	667489	40.754	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180351	42.767	nq	96
59) Diethylphthalate	10.27	149	809397	40.543	nq	100
60) 4-Chlorophenyl-phenylether	10.39	204	308054	42.233	nq	98
61) 4-Nitroaniline	10.42	138	155056	36.520	nq	97
62) Azobenzene	10.55	77	751729	39.413	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	47076	28.250	nq	79
65) n-Nitrosodiphenylamine	10.51	169	636598	46.881	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	197827	47.488	nq	91
67) Hexachlorobenzene	10.94	284	202222	43.142	nq	95
68) Atrazine	11.04	200	197462	48.175	nq	99
69) Pentachlorophenol	11.13	266	206211	71.111	nq	98
70) Phenanthrene	11.36	178	912907	41.857	nq	99
71) Anthracene	11.41	178	927189	41.821	nq	100
72) Carbazole	11.56	167	849730	39.223	nq	100
73) Di-n-butylphthalate	11.90	149	1161845	43.903	nq	99
74) Fluoranthene	12.55	202	805306	35.340	nq	99
76) Benzidine	12.67	184	440832	56.203	nq	98
77) Pyrene	12.77	202	788606	41.250	nq	99
79) Butylbenzylphthalate	13.40	149	393250	43.662	nq	98
80) Benzo(a)anthracene	13.96	228	652558	42.351	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	242794	42.261	nq	99
82) Chrysene	14.00	228	658786	41.625	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	502877	43.408	nq	99
84) Di-n-octyl phthalate	14.57	149	882627	45.597	nq	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	554853	41.270	nq	98
87) Benzo(b)fluoranthene	15.01	252	670302	43.876	nq	99
88) Benzo(k)fluoranthene	15.04	252	653365	45.300	nq	99
89) Benzo(a)pyrene	15.37	252	613445	44.877	nq	98
90) Dibenzo(a,h)anthracene	16.89	278	476338	42.429	nq	99
91) Benzo(g,h,i)perylene	17.30	276	432224	39.738	nq	98

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

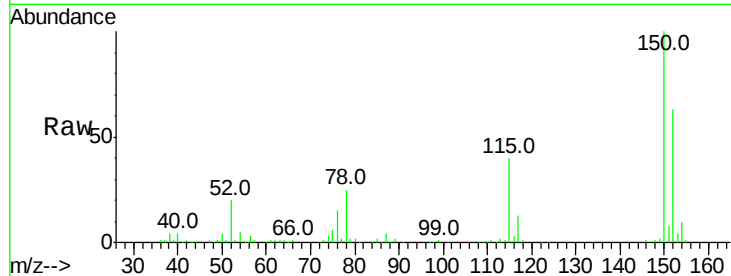


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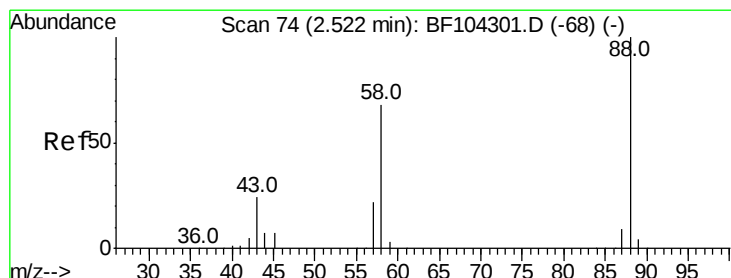
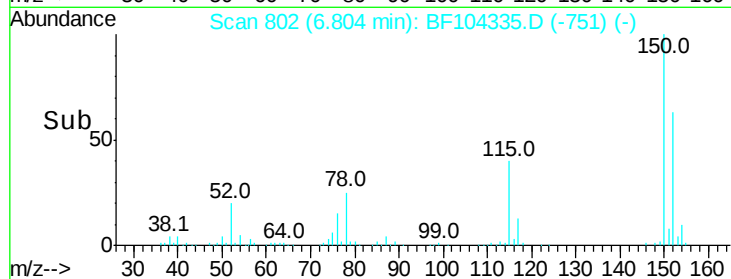
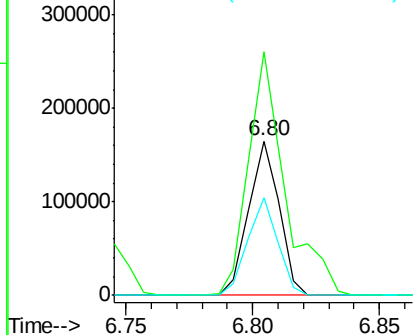
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:152 Resp: 139144
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.3 50.1 75.1



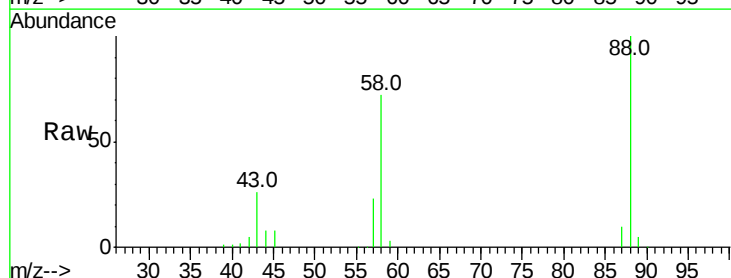
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



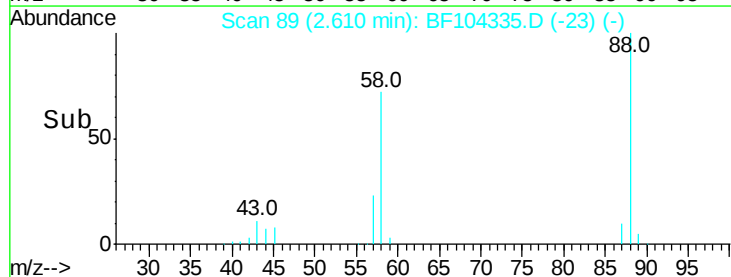
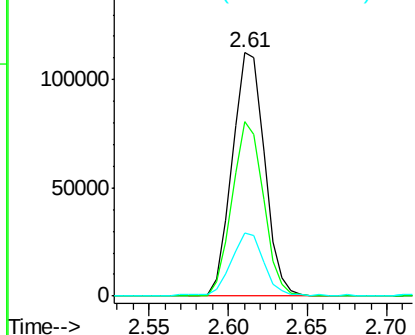
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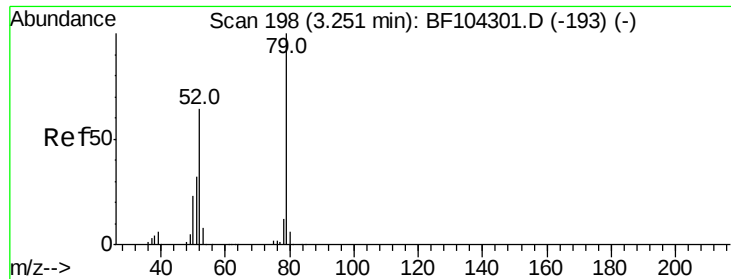
1,4-Dioxane
Concen: 37.402 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion: 88 Resp: 158594
Ion Ratio Lower Upper
88 100
58 69.9 62.6 93.8
43 27.2 24.6 37.0



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

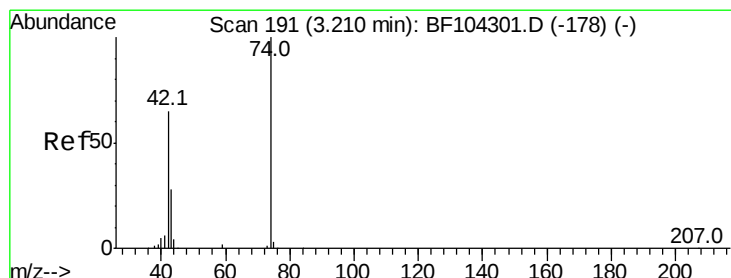
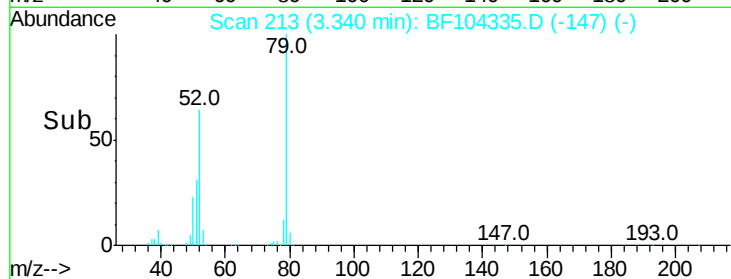
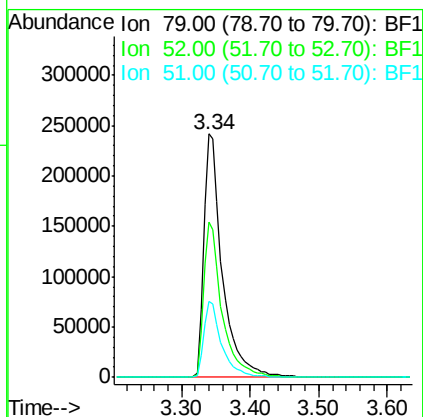
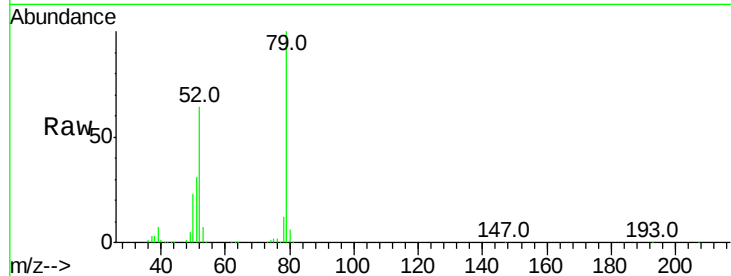




#3
 Pvridine
 Concen: 38.548 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

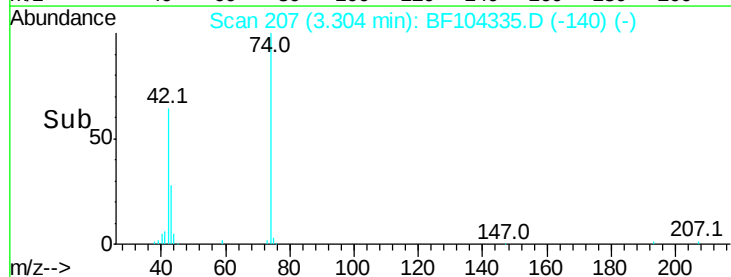
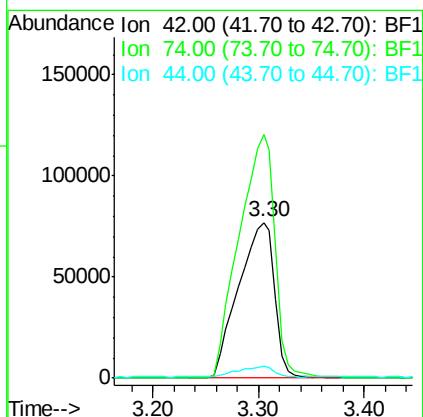
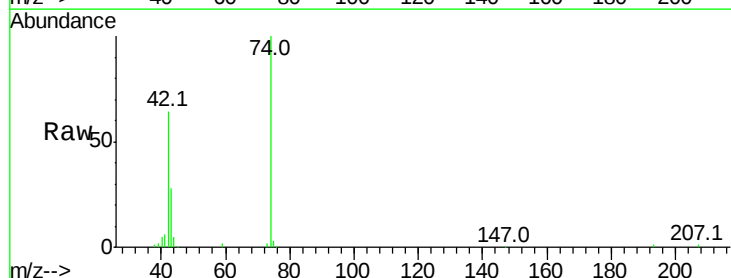
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

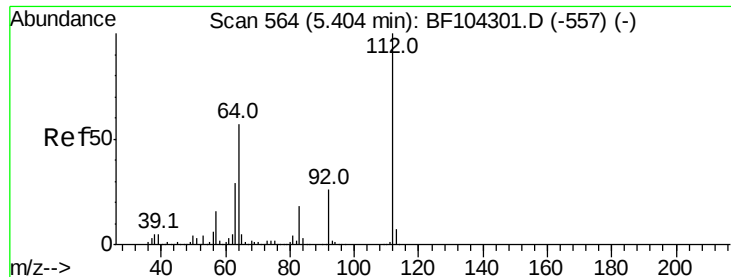
Tot Ion: 79 Resp: 459553
 Ion Ratio Lower Upper
 79 100
 52 63.7 59.8 89.6
 51 31.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 44.029 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion: 42 Resp: 183484
 Ion Ratio Lower Upper
 42 100
 74 156.5 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 88.234 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

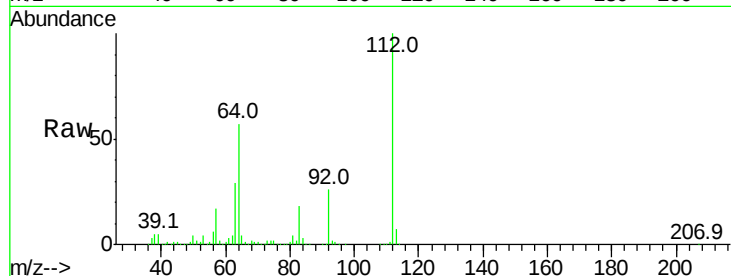
Tot Ion:112 Resp: 802930

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

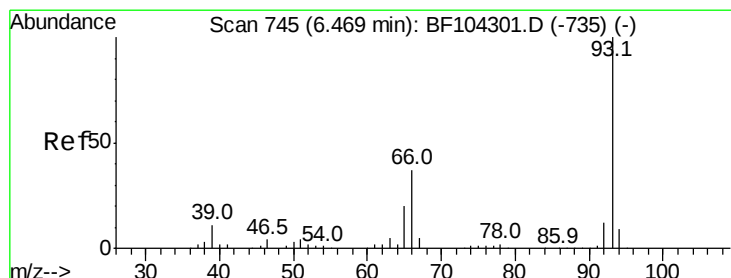
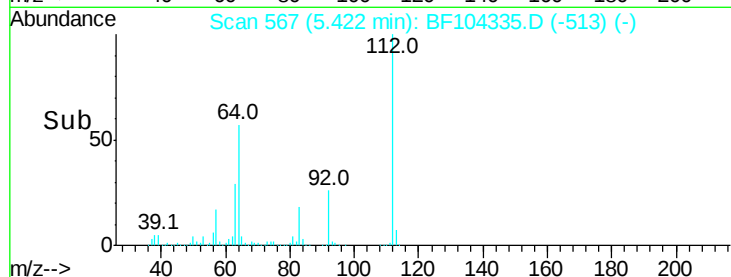
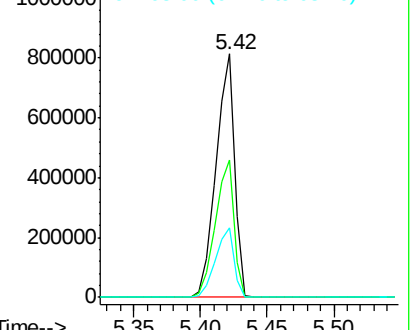
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.181 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

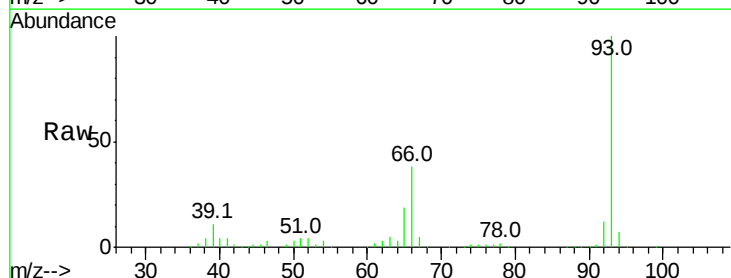
Tgt Ion: 93 Resp: 344552

Ion Ratio Lower Upper

93 100

66 37.7 32.2 48.2

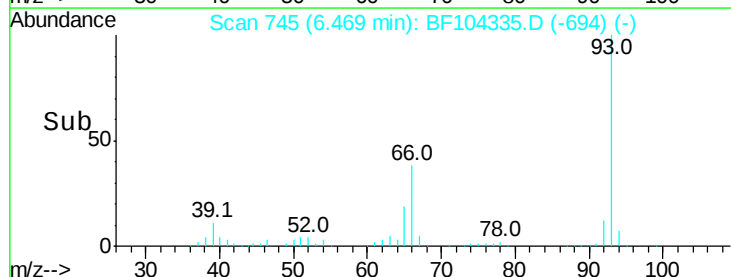
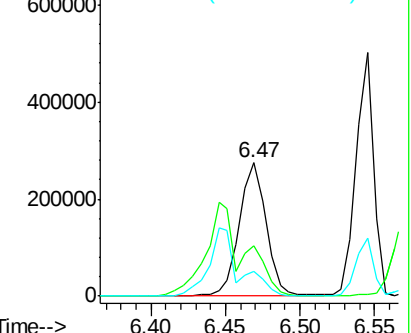
65 18.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.893 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

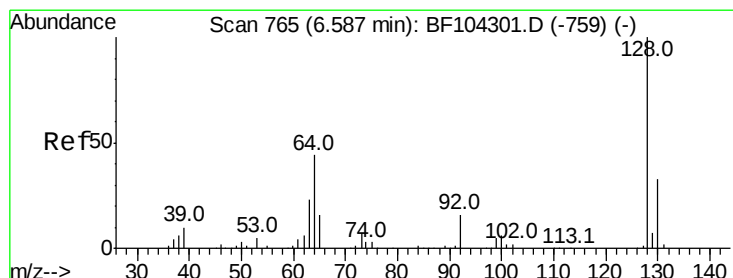
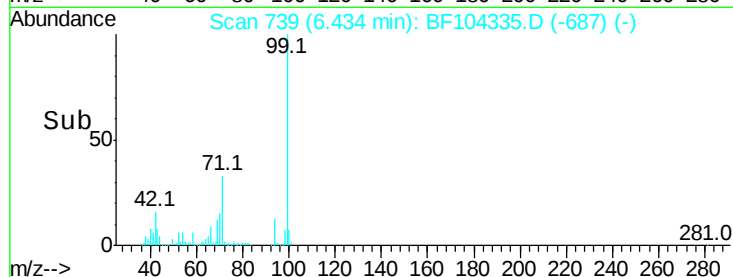
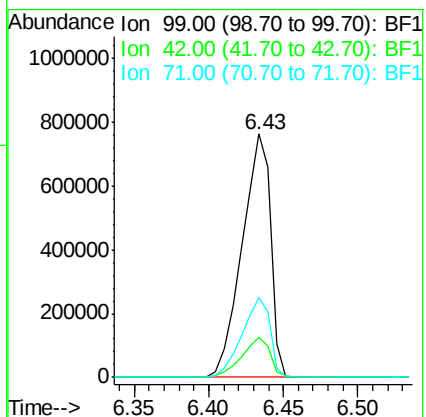
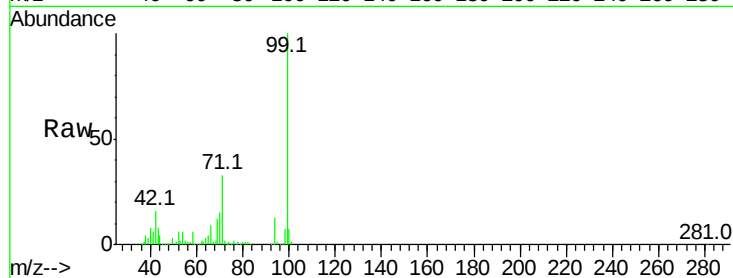
Tot Ion: 99 Resp: 1005092

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 32.7 25.4 38.0



#8

2-Chlorophenol

Concen: 43.926 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

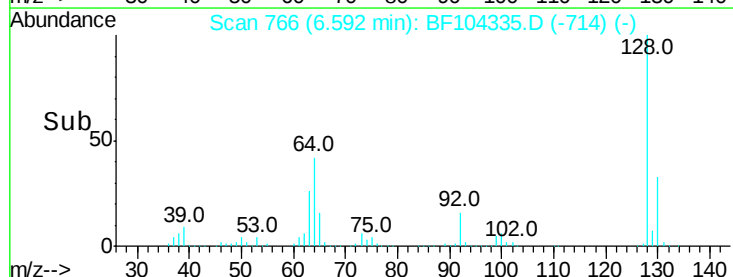
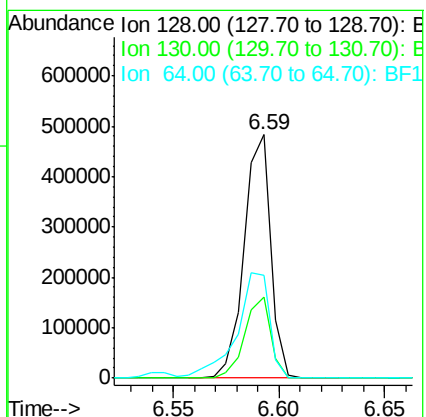
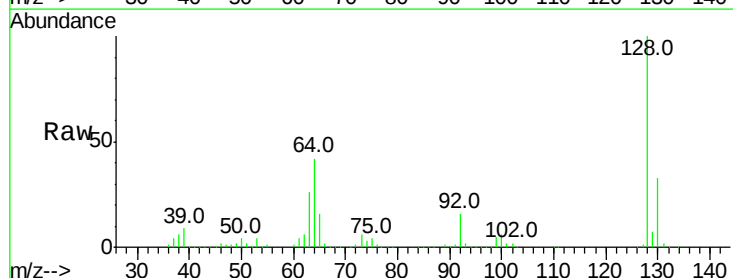
Tgt Ion: 128 Resp: 421898

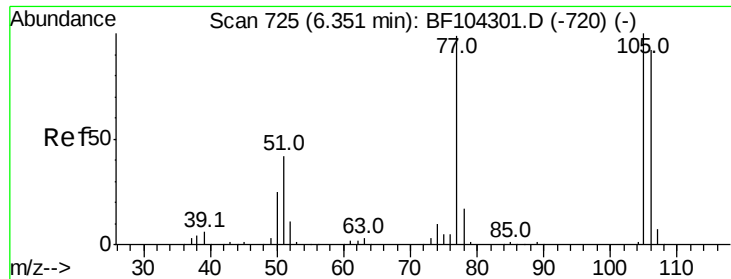
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 42.4 29.4 69.4





#9

Benzaldehyde

Concen: 14.988 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

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PB108048BSD

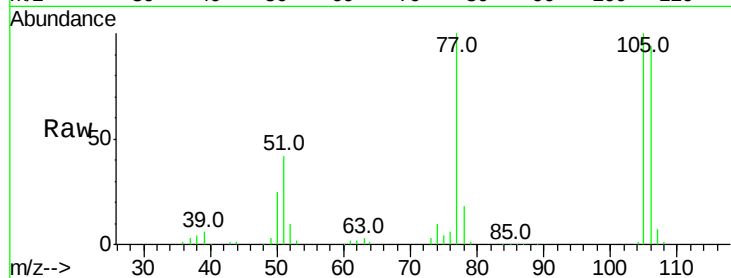
Tot Ion: 77 Resp: 106302

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

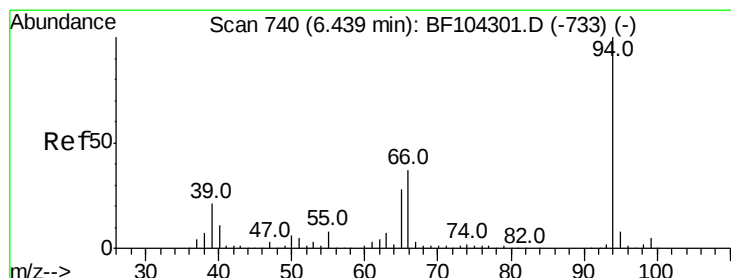
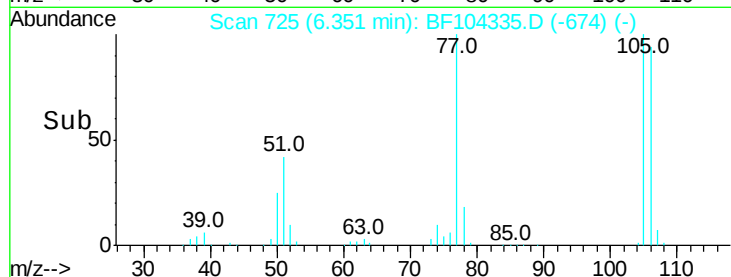
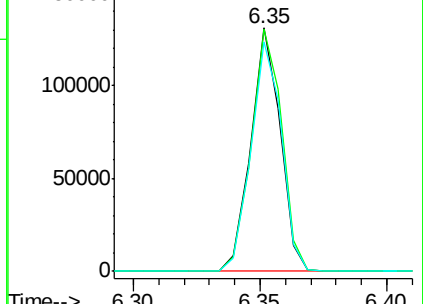
106 94.4 74.5 114.5



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: 44.367 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

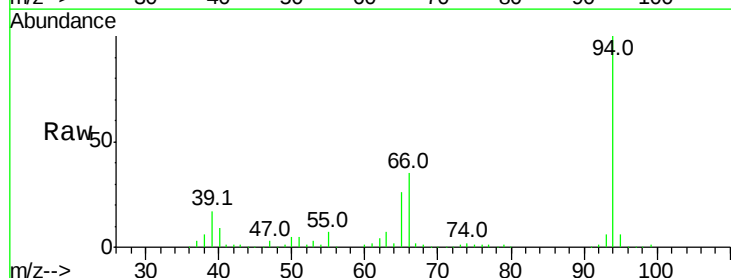
Tgt Ion: 94 Resp: 526340

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

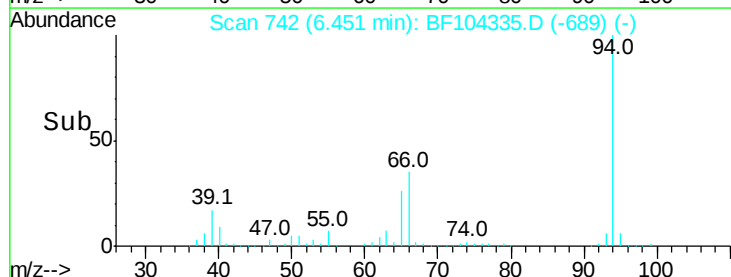
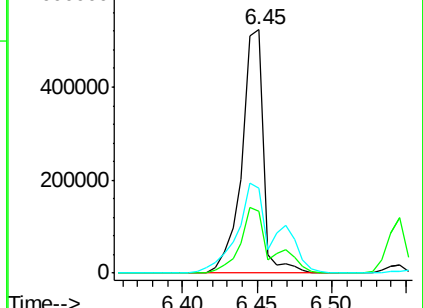
66 34.6 16.2 56.2

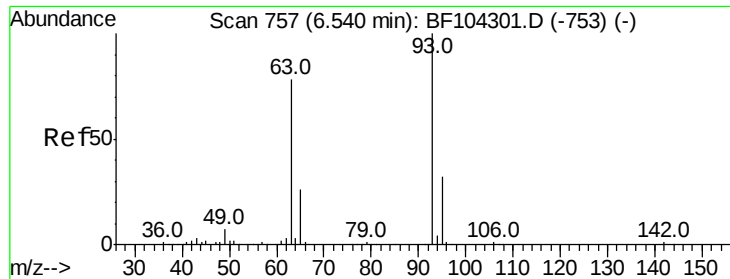


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.501 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

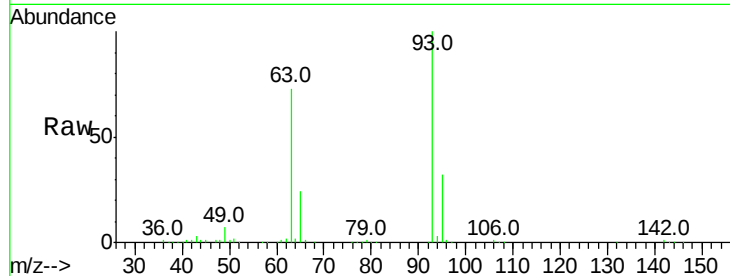
Tot Ion: 93 Resp: 402364

Ion Ratio Lower Upper

93 100

63 72.6 58.6 98.6

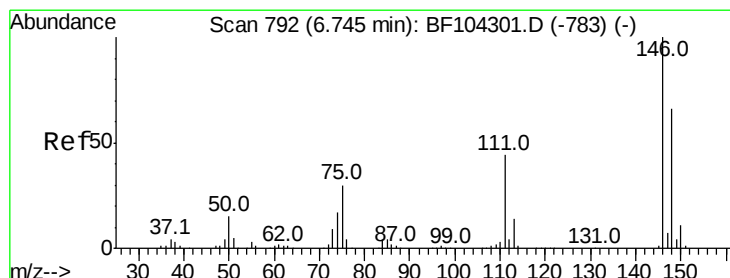
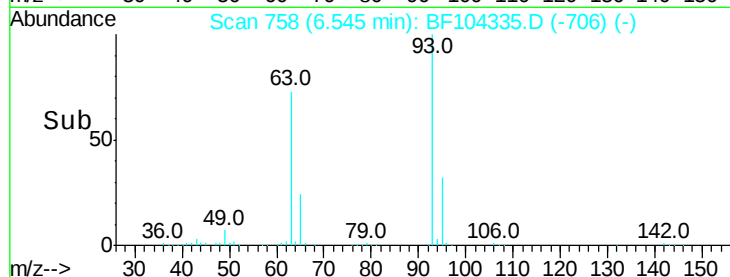
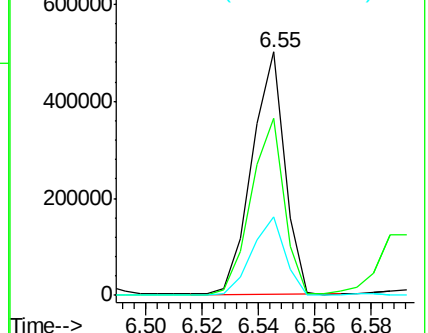
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.151 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

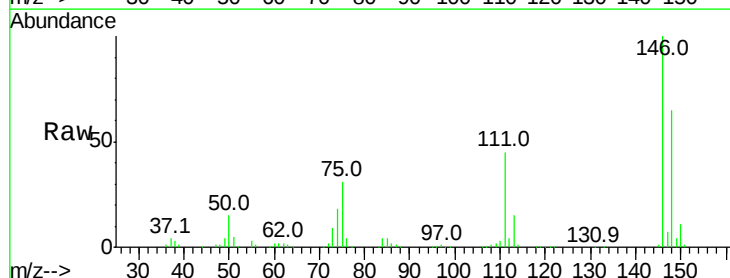
Tgt Ion: 146 Resp: 436885

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

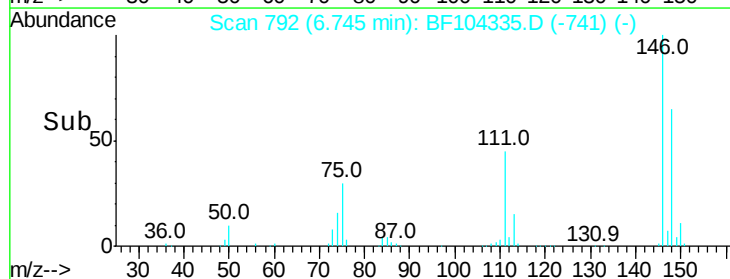
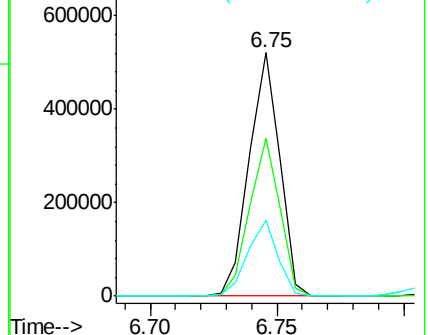
75 31.3 24.2 36.4

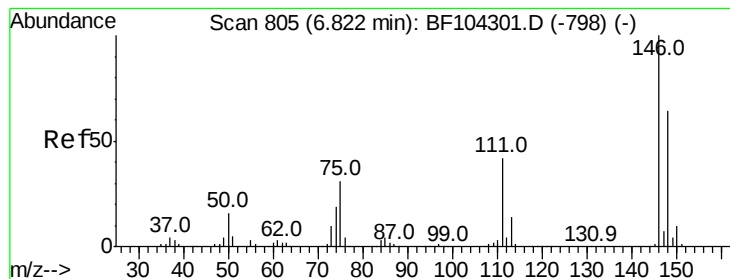


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.810 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

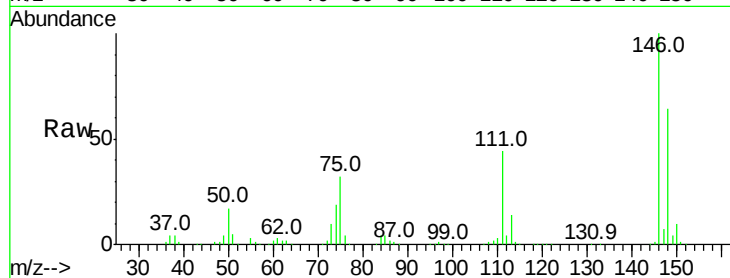
Tot Ion:146 Resp: 442656

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

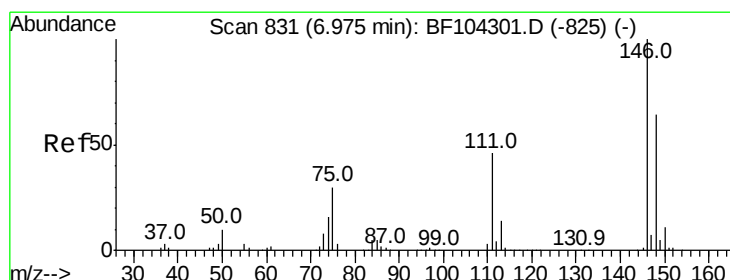
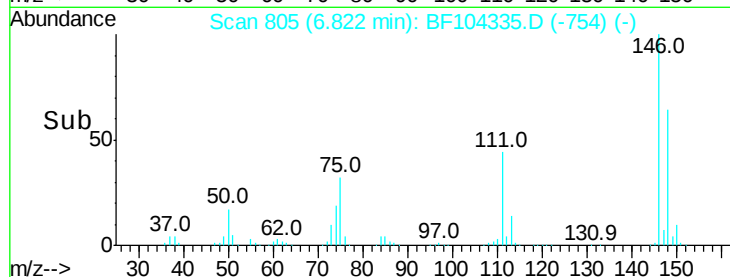
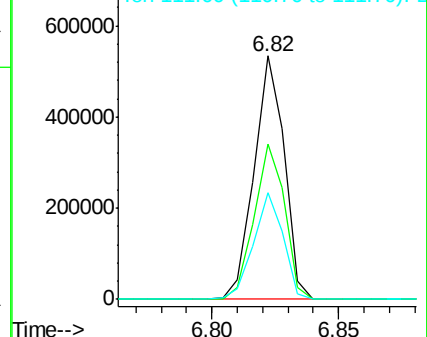
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.545 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

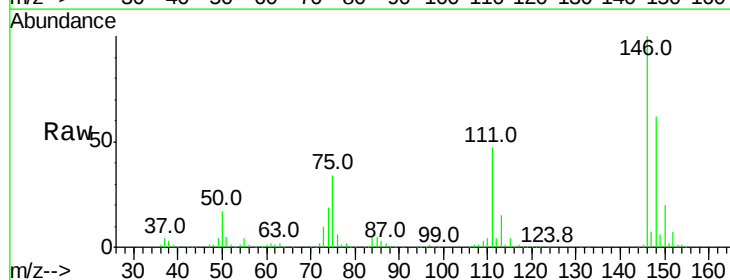
Tgt Ion:146 Resp: 407545

Ion Ratio Lower Upper

146 100

148 61.7 50.6 75.8

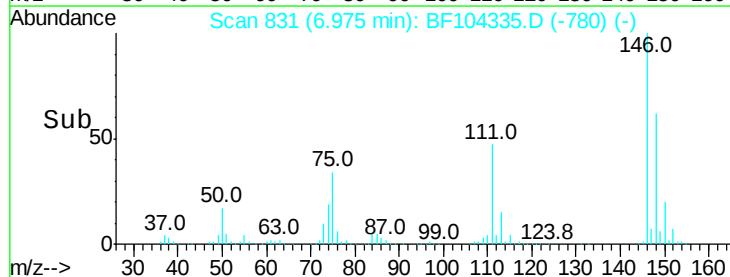
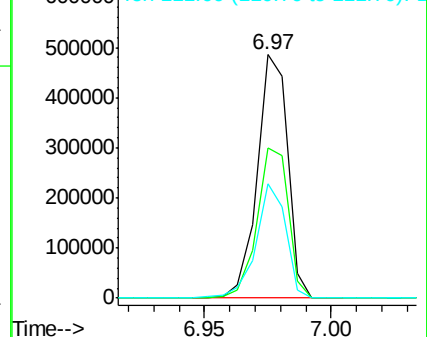
111 46.8 36.0 54.0

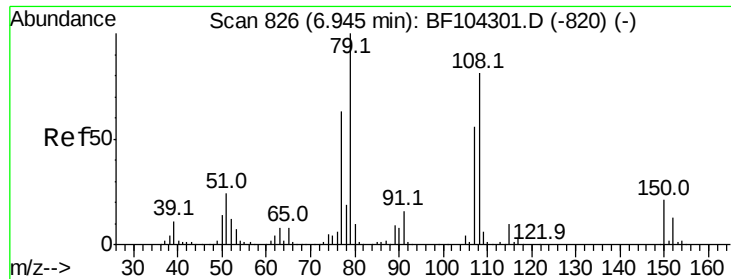


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

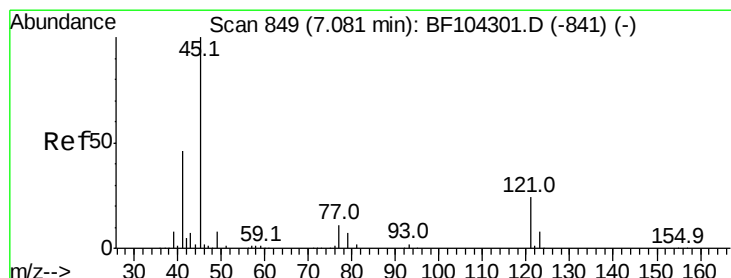
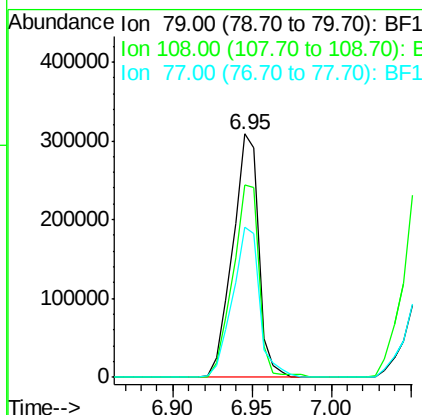
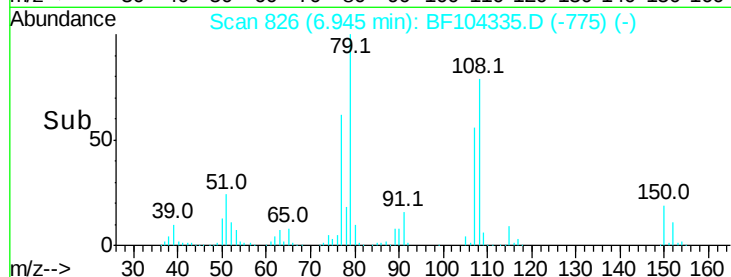
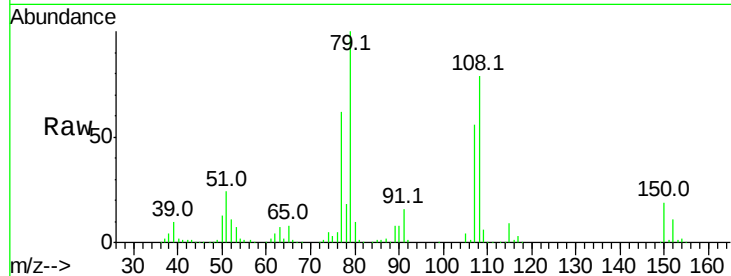




#15
Benzyl Alcohol
Concen: 41.368 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

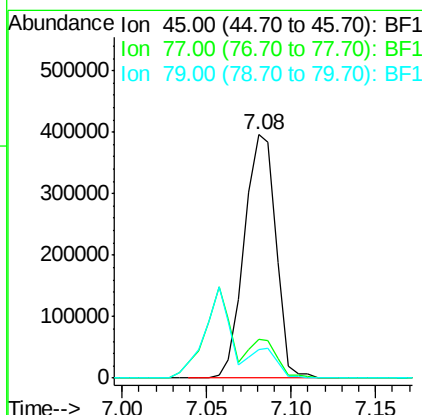
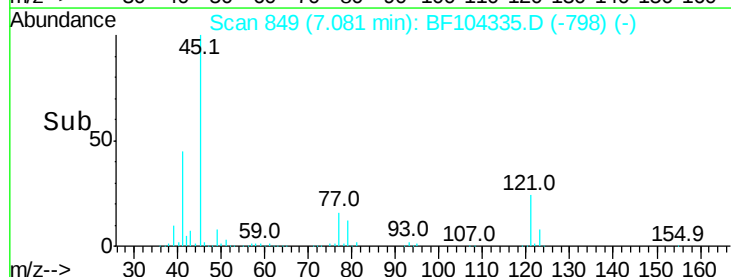
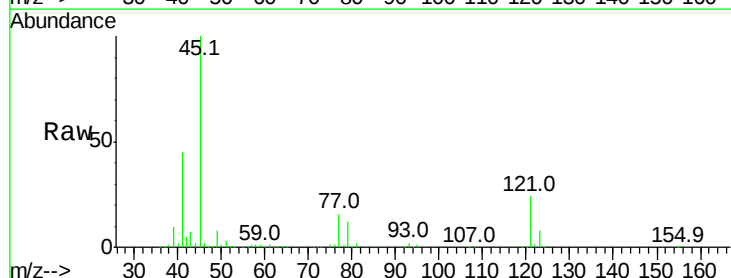
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

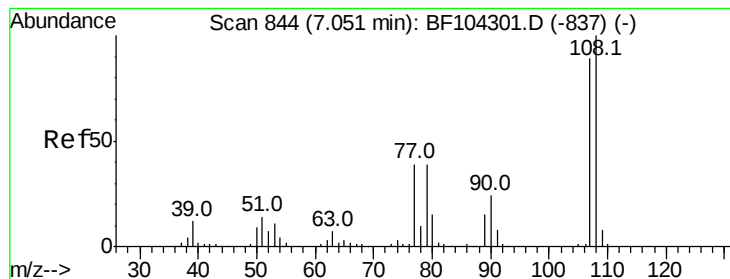
Tot Ion: 79 Resp: 351304
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.770 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion: 45 Resp: 518340
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.9
79 11.7 0.0 29.6

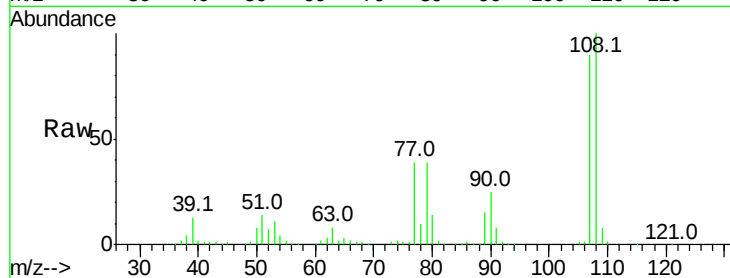




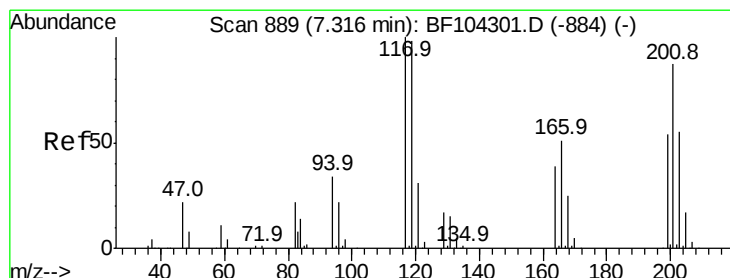
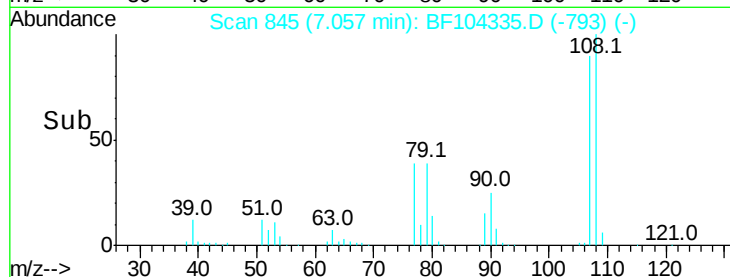
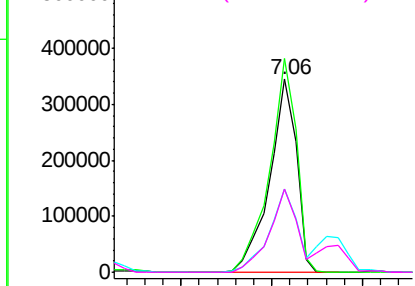
#17
2-Methylphenol
Concen: 42.437 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:107 Resp: 354306
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 43.2 33.8 50.8
79 43.2 33.8 50.8

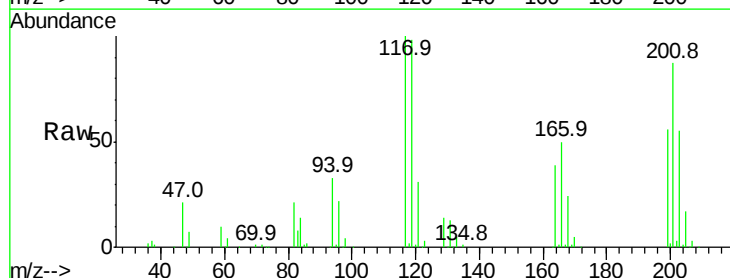


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

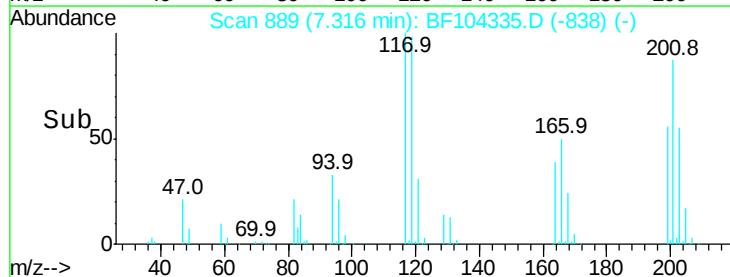
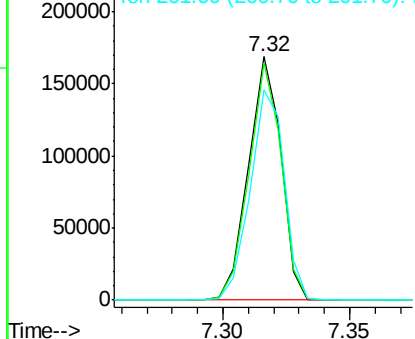


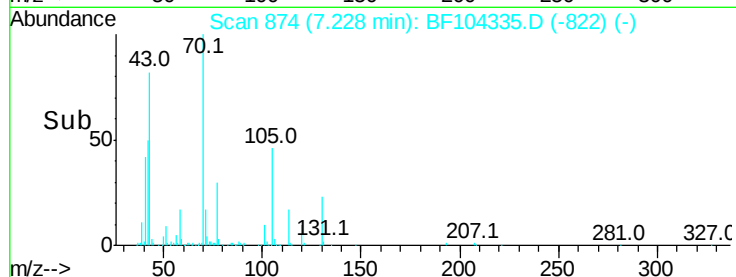
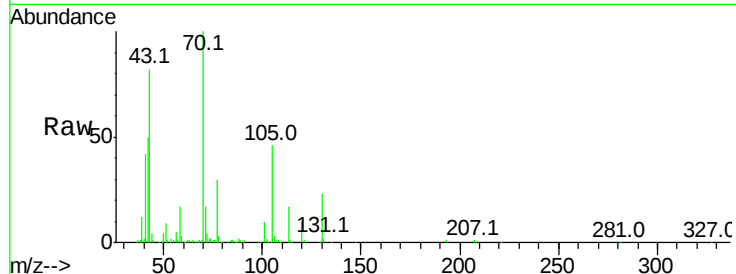
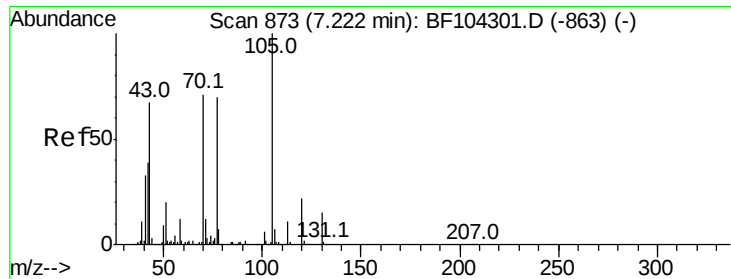
#18
Hexachloroethane
Concen: 39.179 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:117 Resp: 151516
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 86.5 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

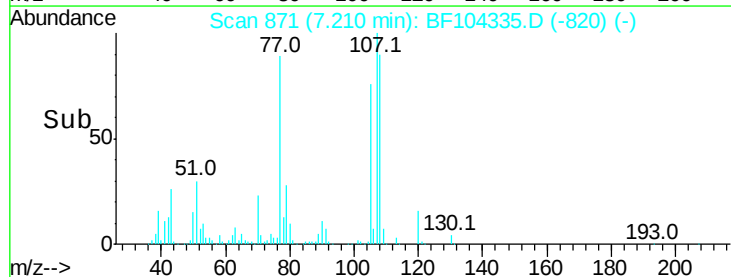
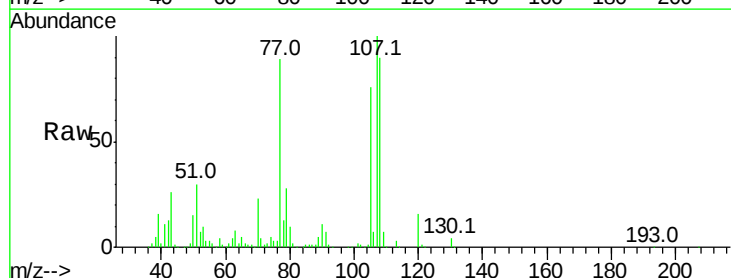
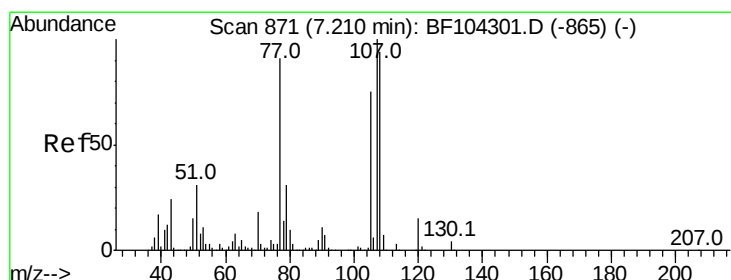
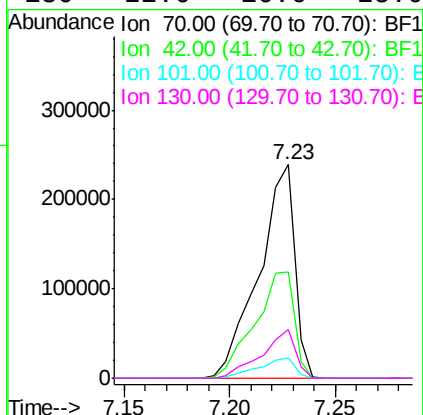




#19
n-Nitroso-di-n-propylamine
Concen: 38.621 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

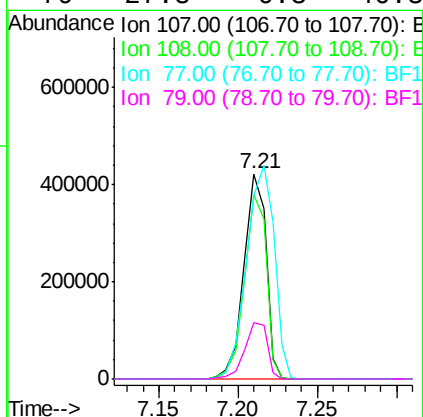
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

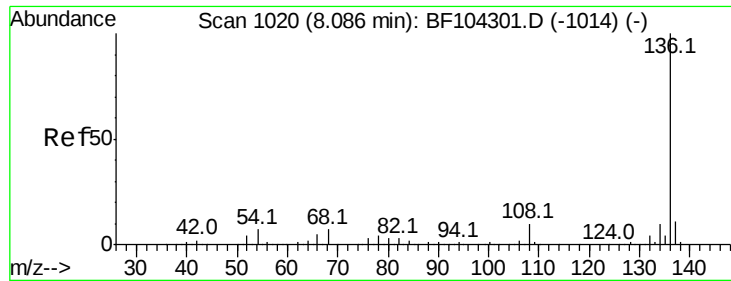
Tot Ion:	70	Resp:	282179
Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	9.8	7.4	11.2
130	22.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.582 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:	107	Resp:	409859
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	89.5	26.7	66.7#
79	27.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

Tot Ion:136 Resp: 560225

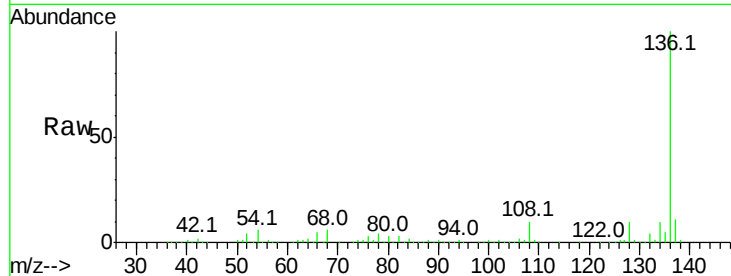
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

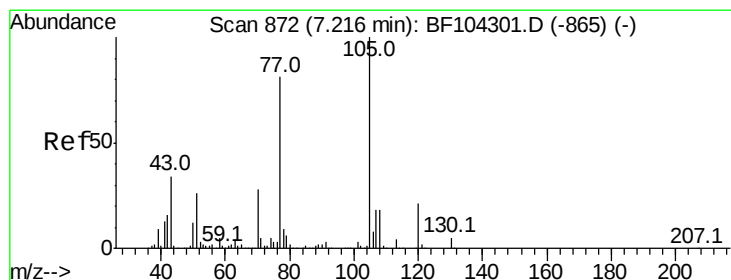
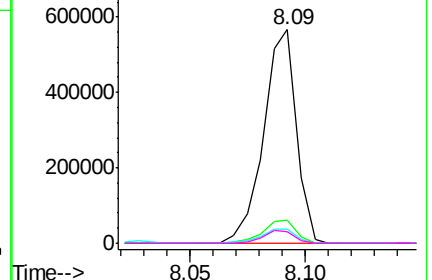
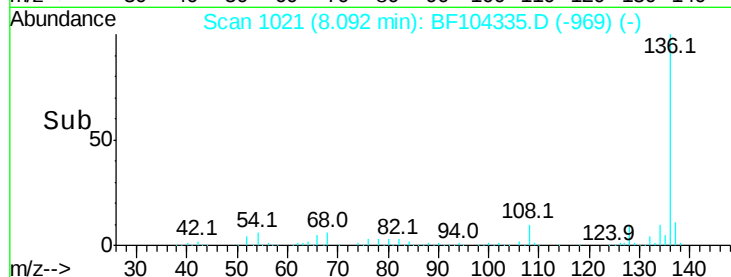


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.081 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Tgt Ion:105 Resp: 552821

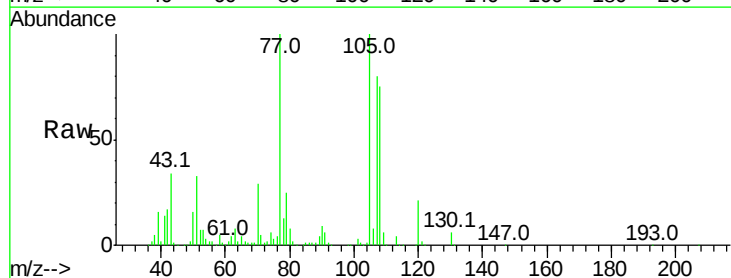
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 32.9 22.3 33.5

120 21.1 16.9 25.3

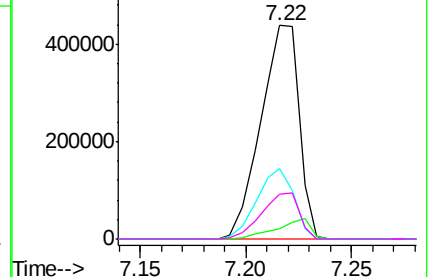
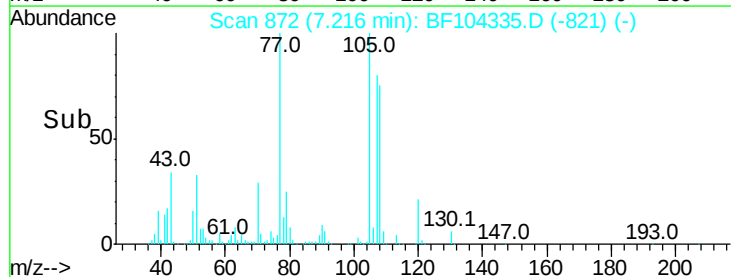


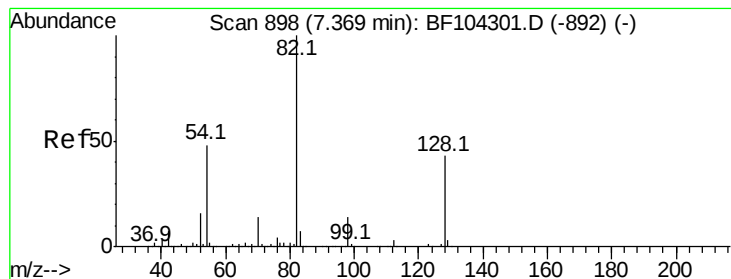
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 99.998 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

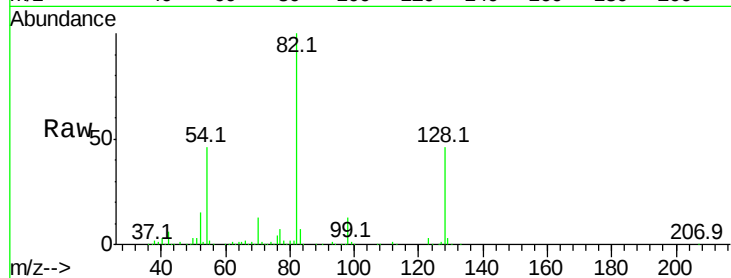
Tot Ion: 82 Resp: 857931

Ion Ratio Lower Upper

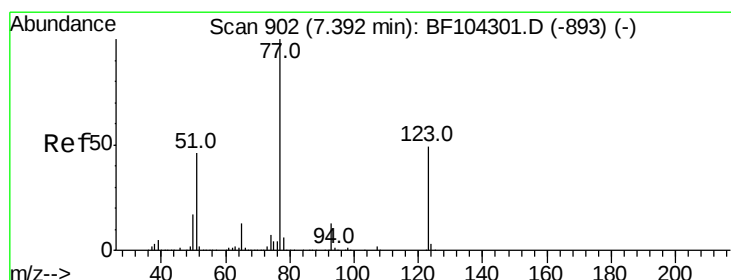
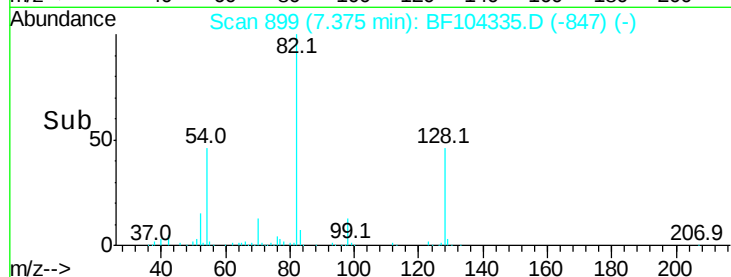
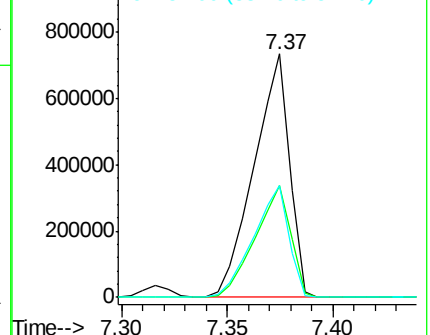
82 100

128 45.8 36.1 54.1

54 46.1 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: 44.561 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

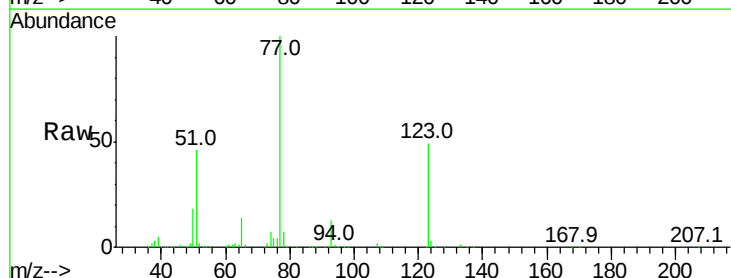
Tgt Ion: 77 Resp: 422097

Ion Ratio Lower Upper

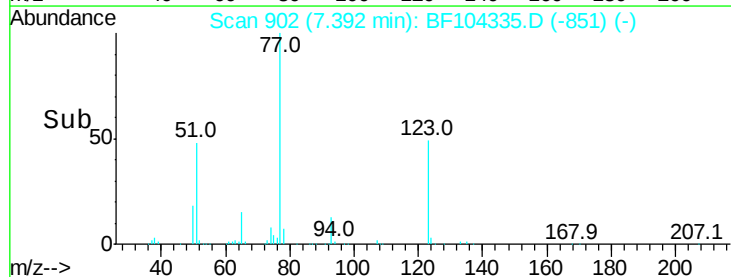
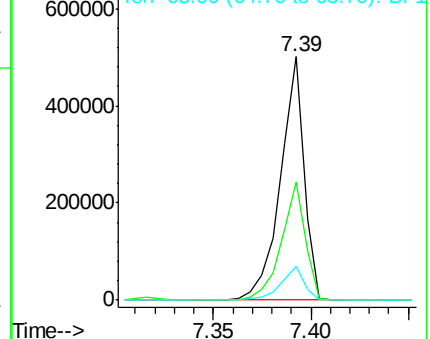
77 100

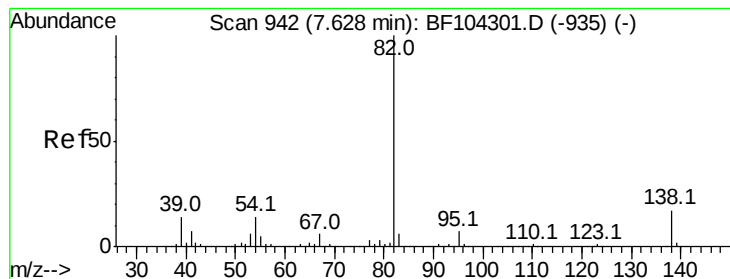
123 48.8 37.9 56.9

65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 43.950 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

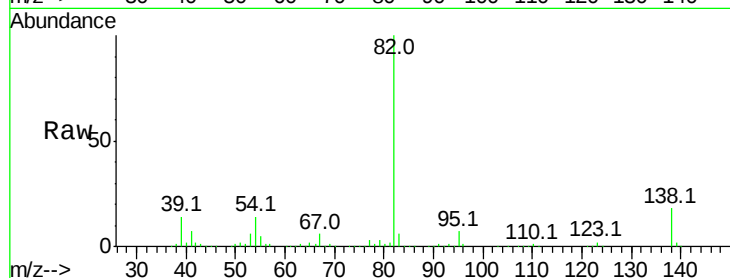
Tot Ion: 82 Resp: 797367

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

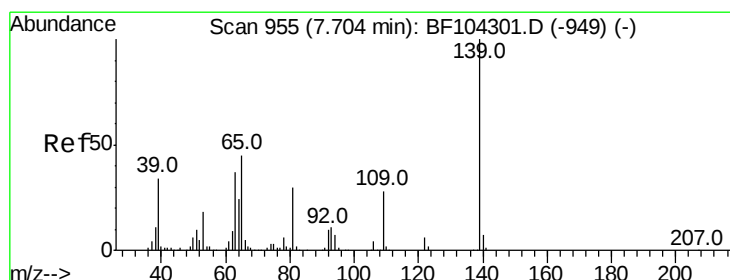
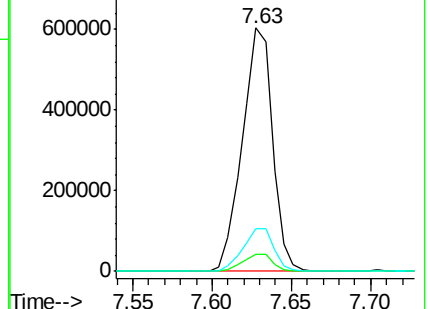
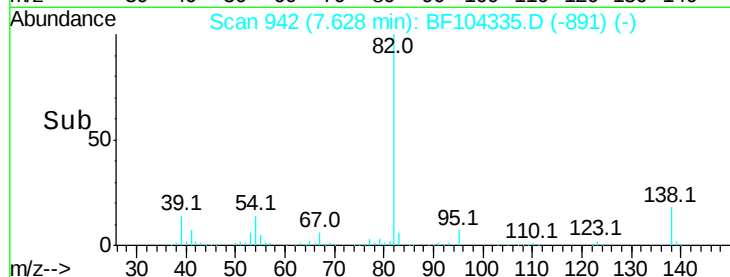
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.647 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

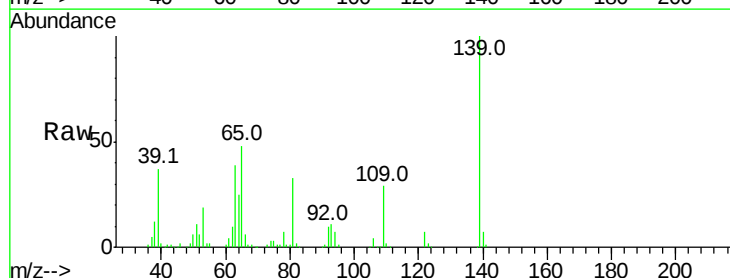
Tgt Ion:139 Resp: 210731

Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

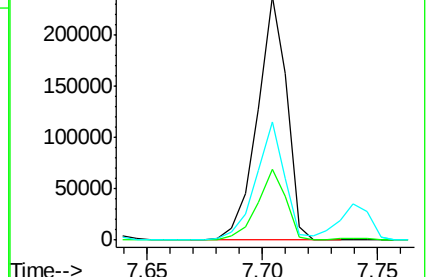
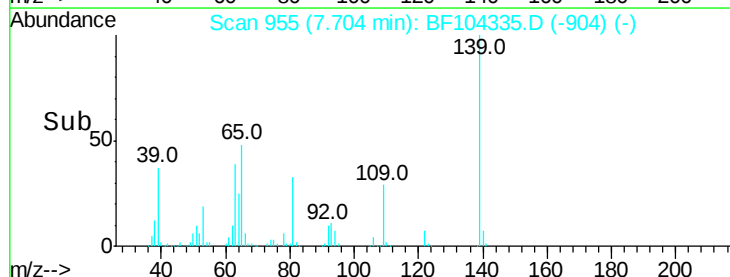
65 48.4 40.5 60.7

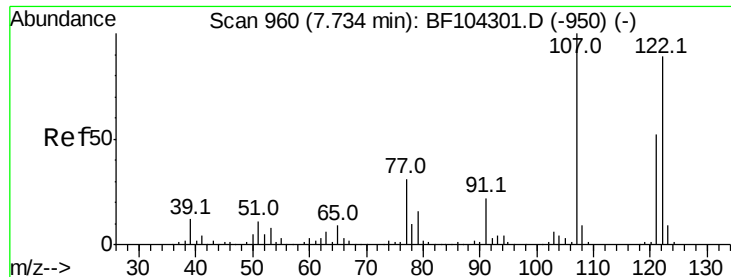


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

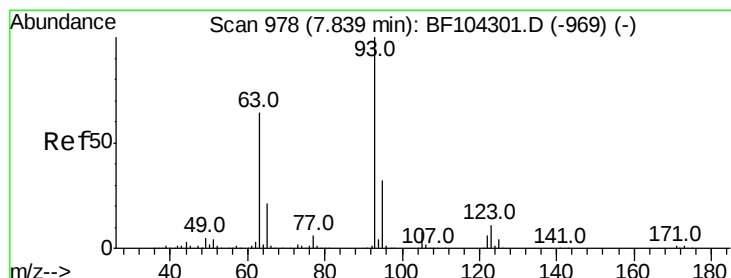
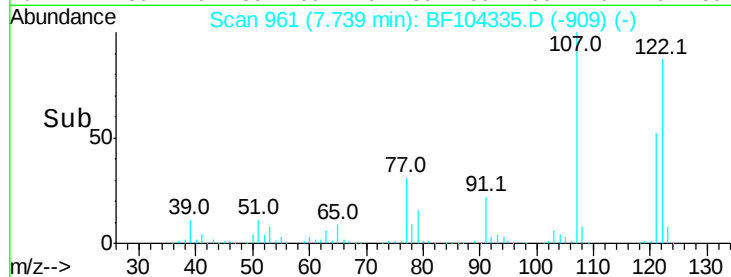
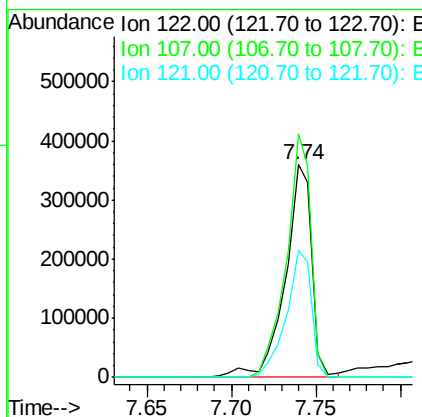
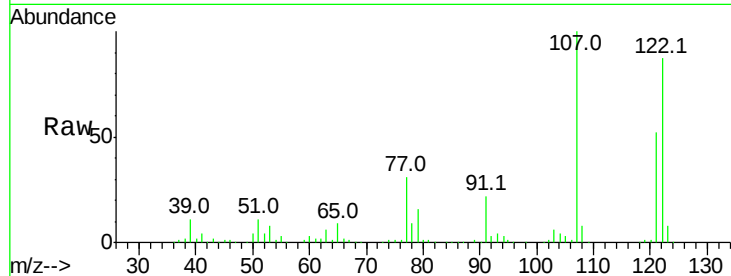




#27
 2,4-Dimethylphenol
 Concen: 49.429 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

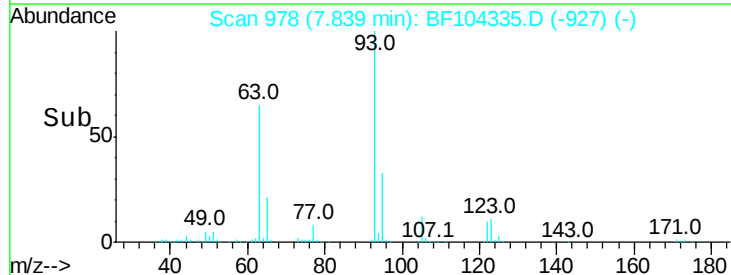
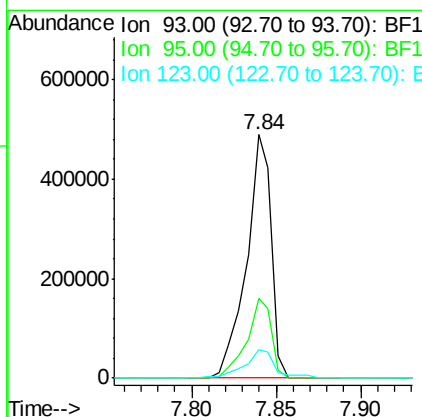
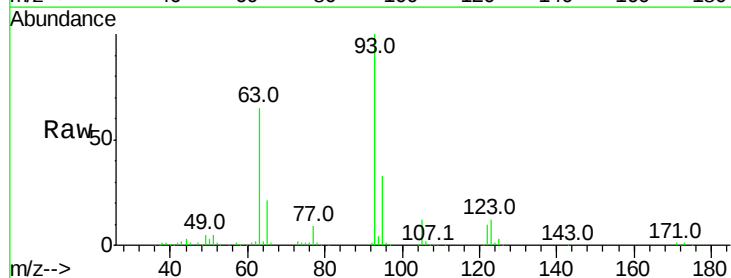
Instrument :
 BNA_F
 ClientSampled :
 PB108048BSD

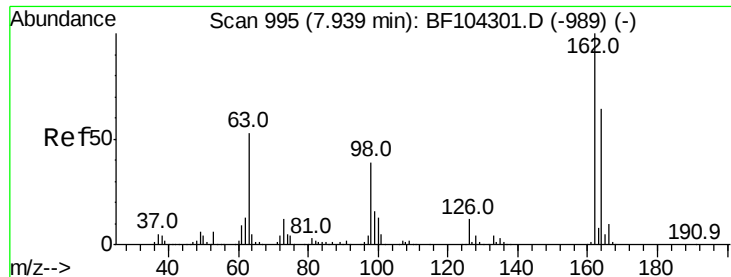
Tot Ion:122 Resp: 395772
 Ion Ratio Lower Upper
 122 100
 107 114.4 91.2 136.8
 121 59.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.249 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion: 93 Resp: 501931
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 44.478 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

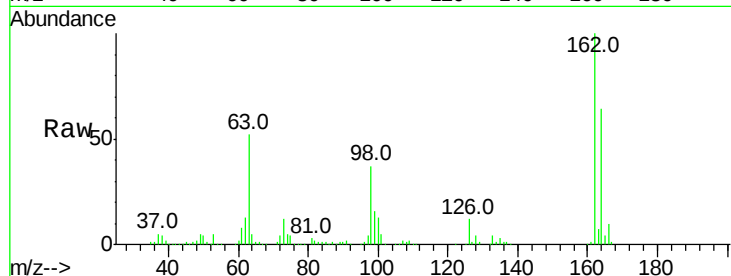
Tot Ion:162 Resp: 339804

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

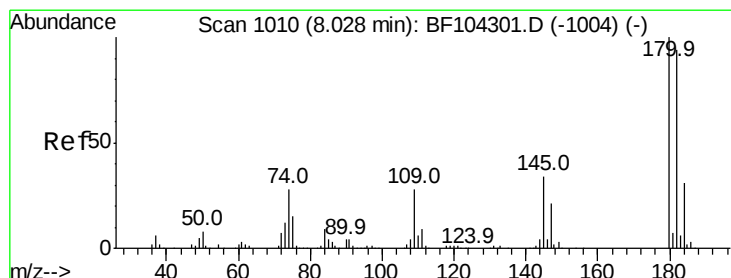
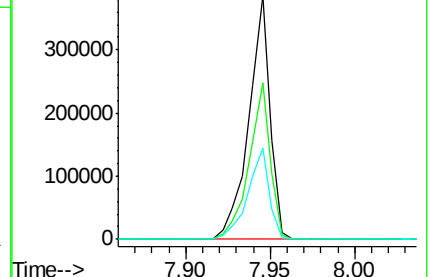
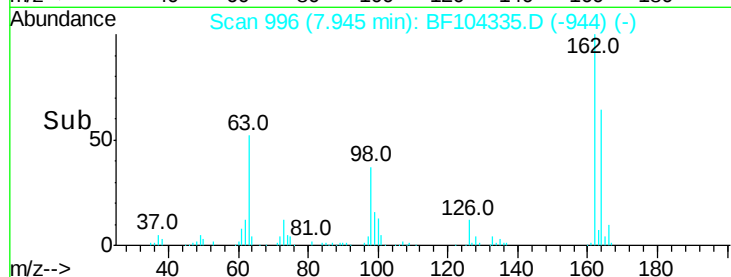
98 37.3 18.1 58.1



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: 41.128 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

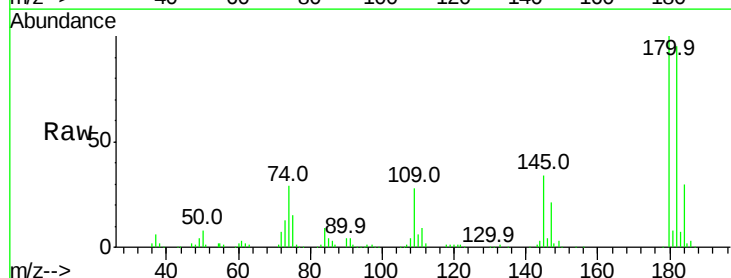
Tgt Ion:180 Resp: 344834

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

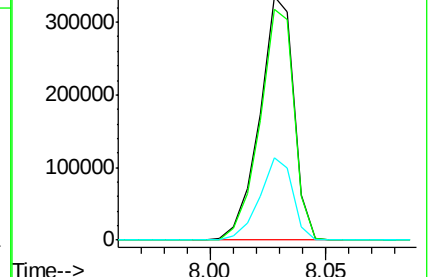
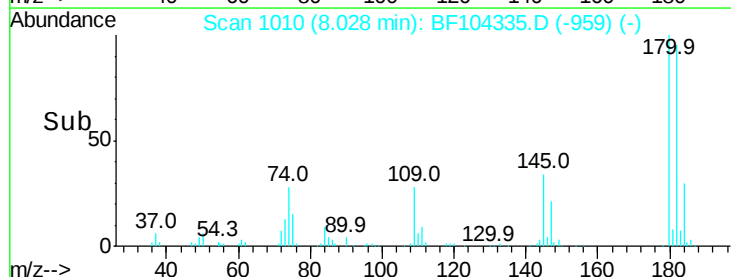
145 33.9 26.5 39.7

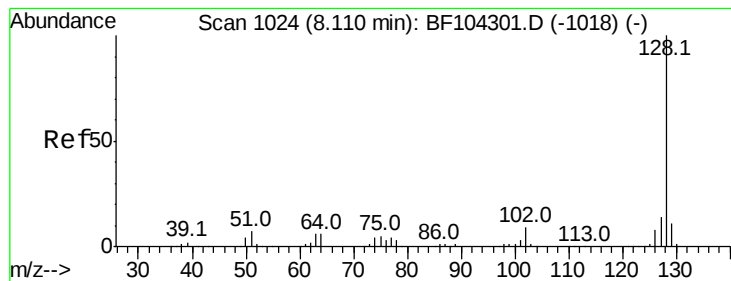


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.941 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

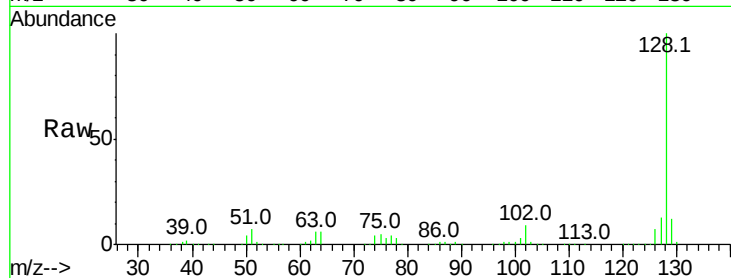
Tot Ion:128 Resp: 1170000

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

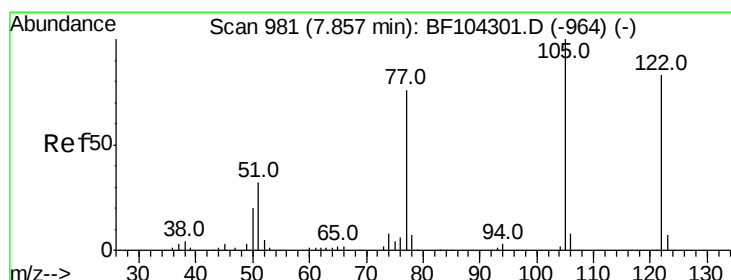
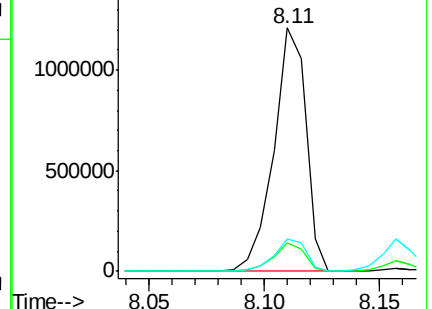
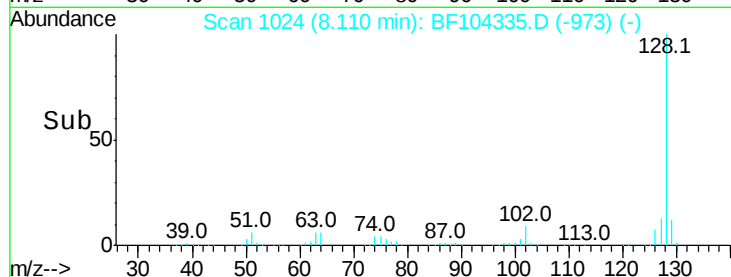
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.726 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

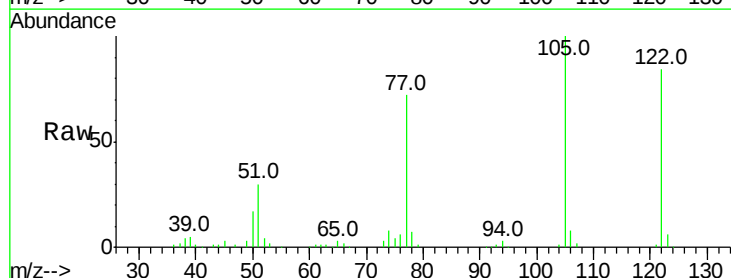
Tgt Ion:122 Resp: 272957

Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

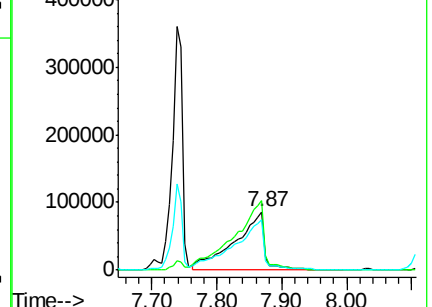
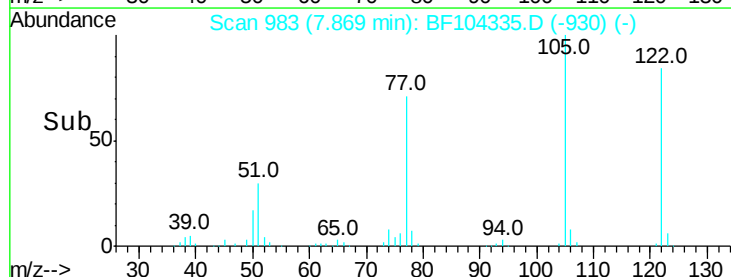
77 86.0 70.7 110.7

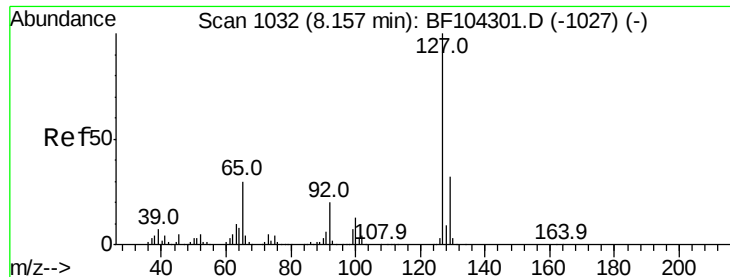


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

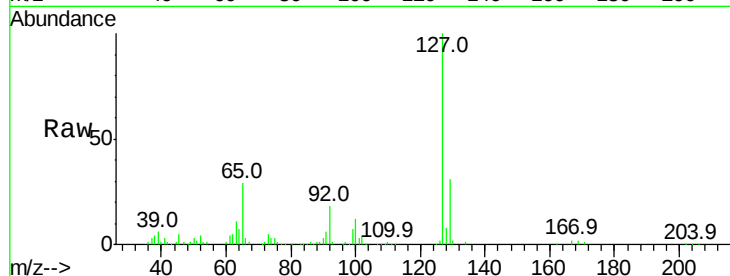




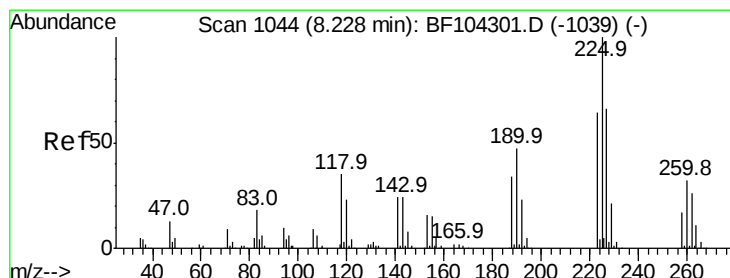
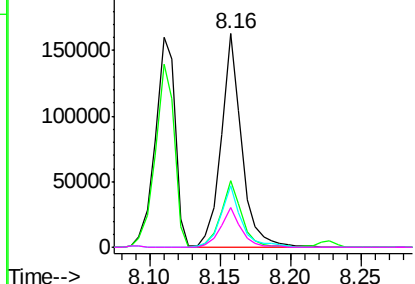
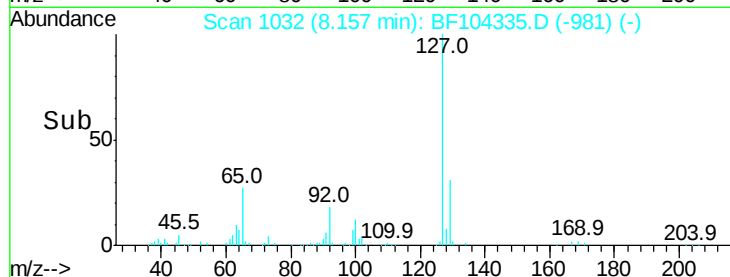
#33
4-Chloroaniline
Concen: 13.749 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:	127	Resp:	164317
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	29.0	25.0	37.4
92	18.4	15.2	22.8

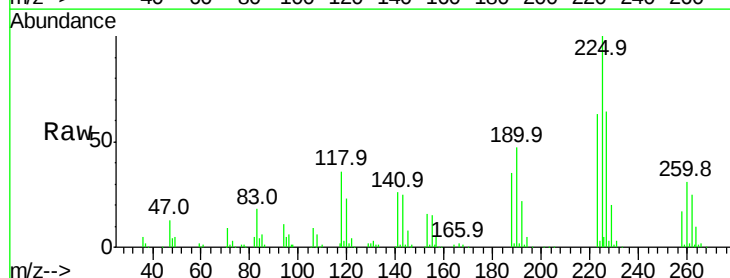


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

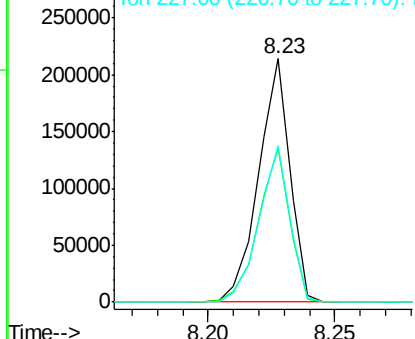
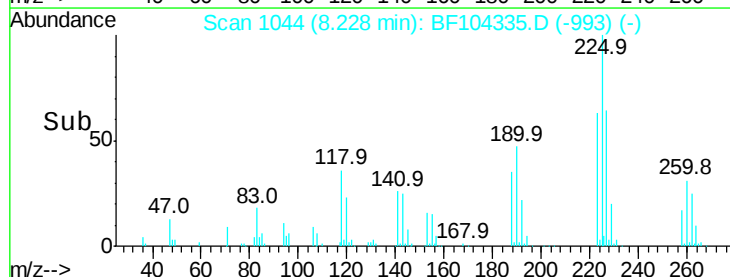


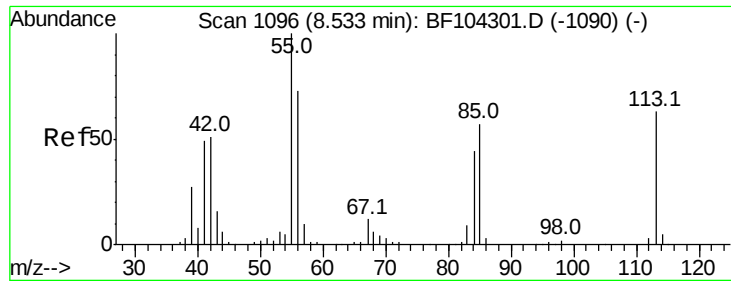
#34
Hexachlorobutadiene
Concen: 40.313 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:	225	Resp:	185136
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.3	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

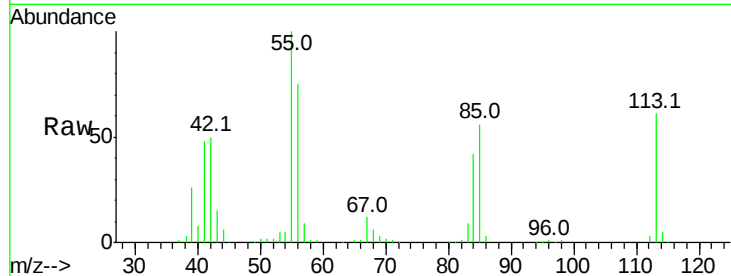




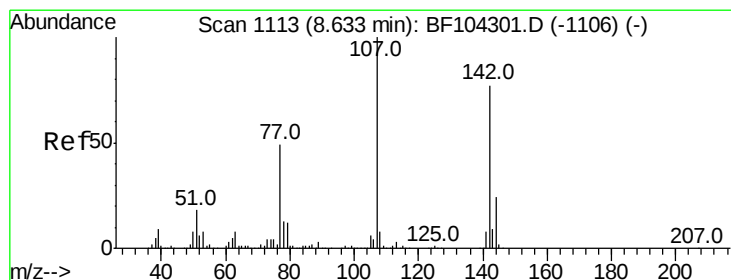
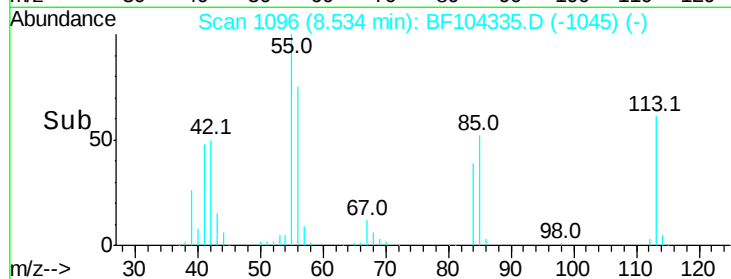
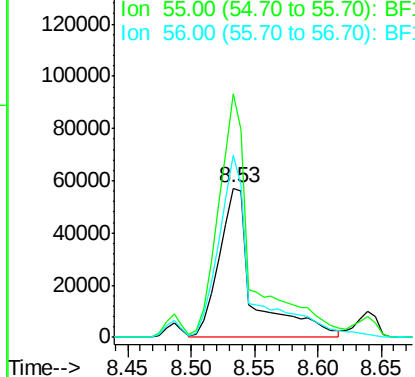
#35
 Caprolactam
 Concen: 40.857 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion:113 Resp: 108889
 Ion Ratio Lower Upper
 113 100
 55 163.2 163.3 203.3#
 56 122.3 115.7 155.7

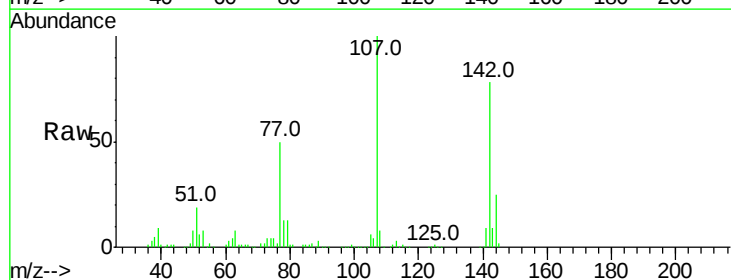


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

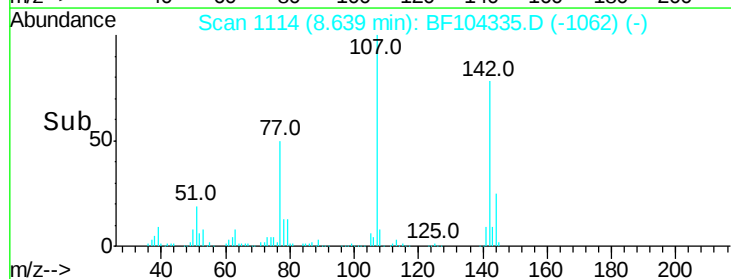
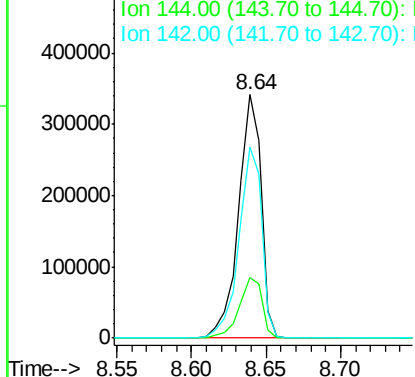


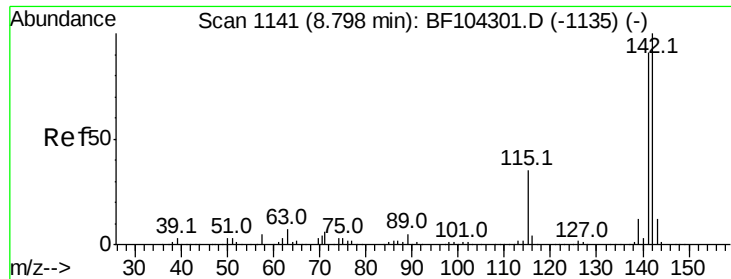
#36
 4-Chloro-3-methylphenol
 Concen: 44.119 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:107 Resp: 361413
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 78.5 62.0 93.0



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

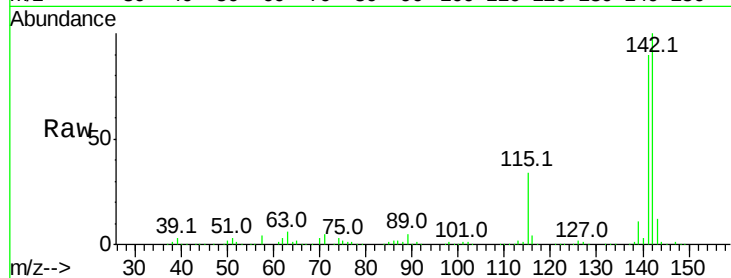




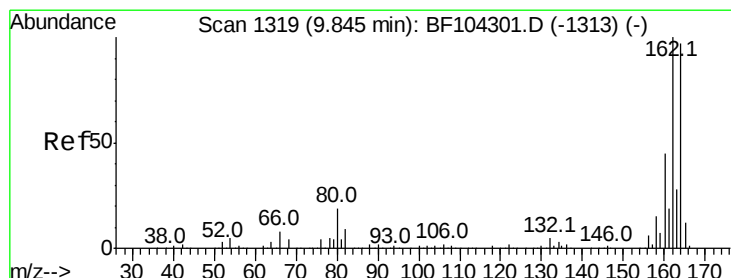
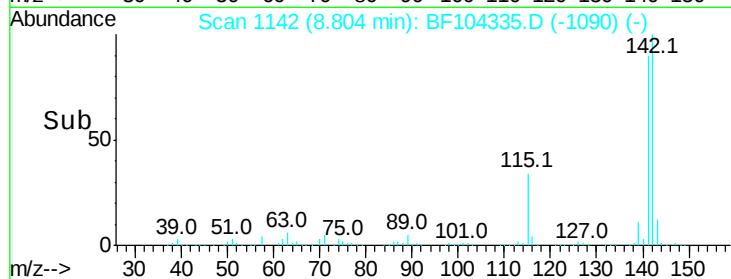
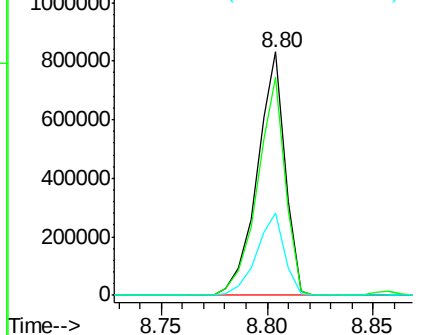
#37
2-Methylnaphthalene
Concen: 42.139 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.1	26.1	39.1

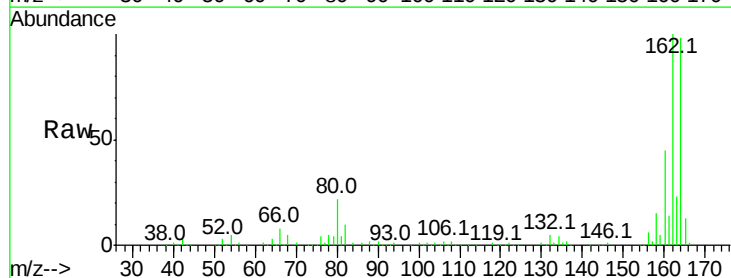


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

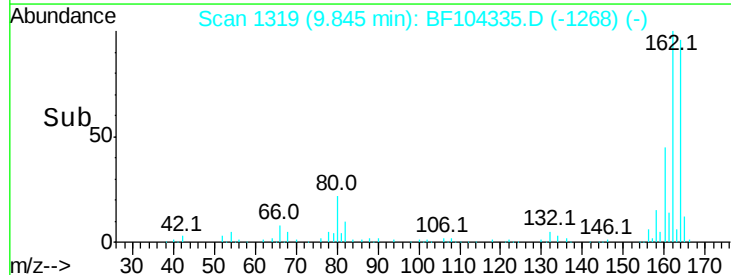
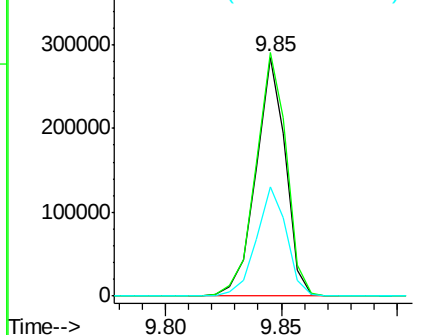


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.9	38.3	57.5



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

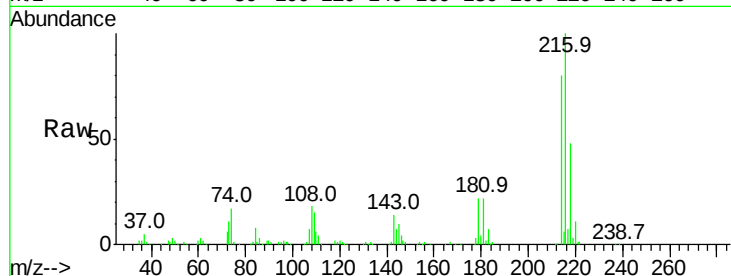




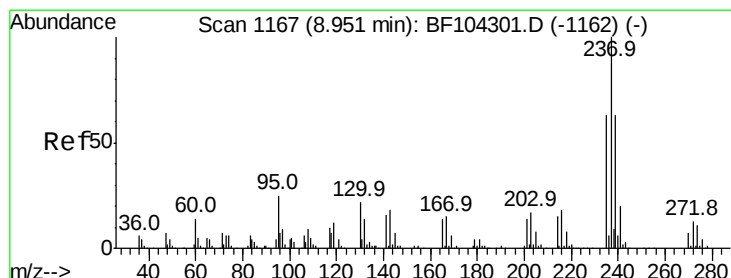
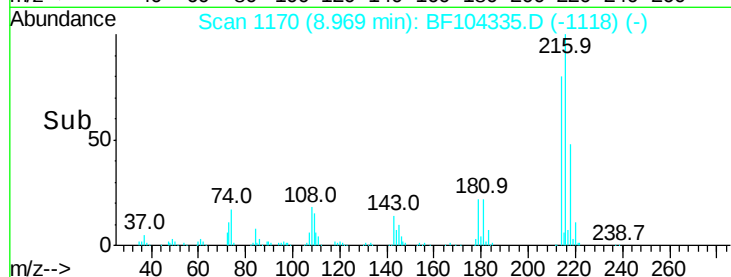
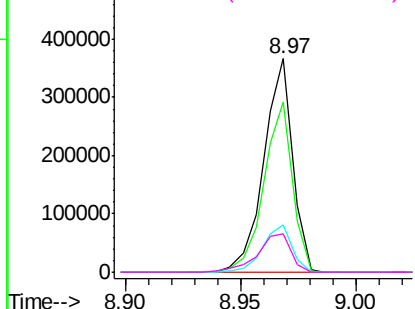
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.713 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion:	216	Resp:	318079
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.6	18.1	27.1
108	20.9	17.2	25.8

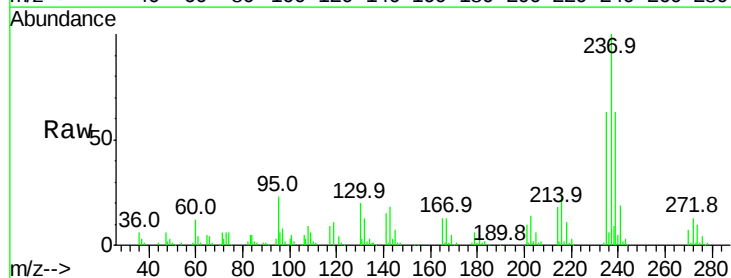


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

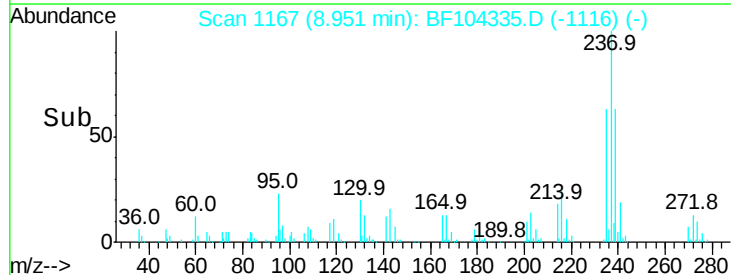
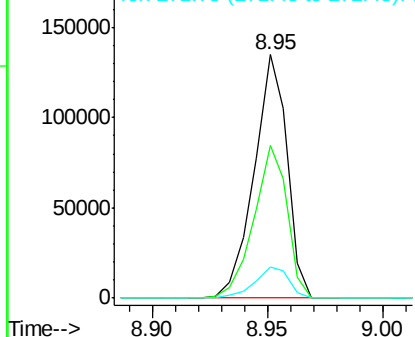


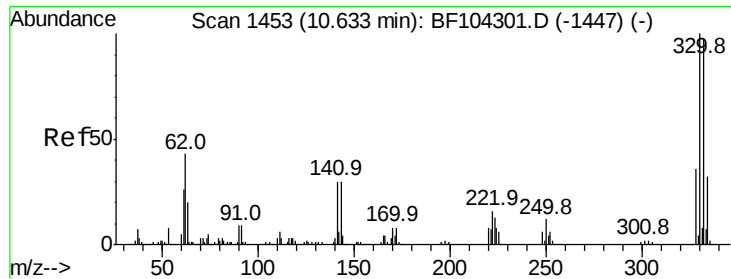
#40
 Hexachlorocyclopentadiene
 Concen: 32.977 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:	237	Resp:	134336
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.0	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

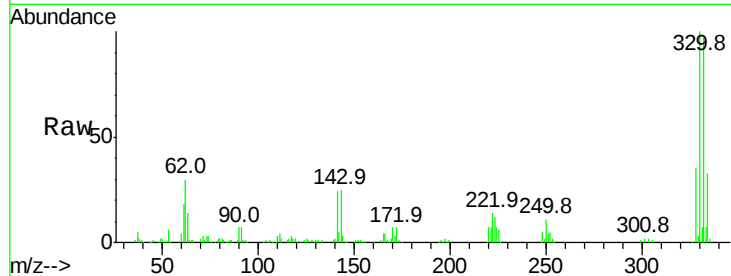




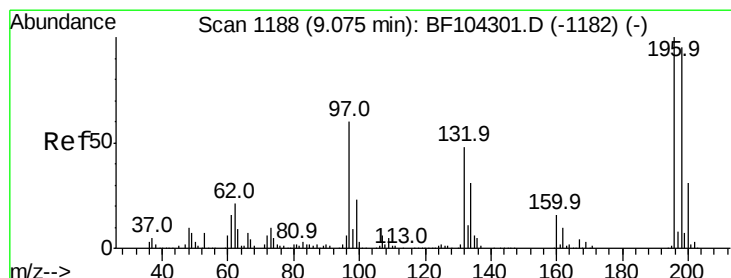
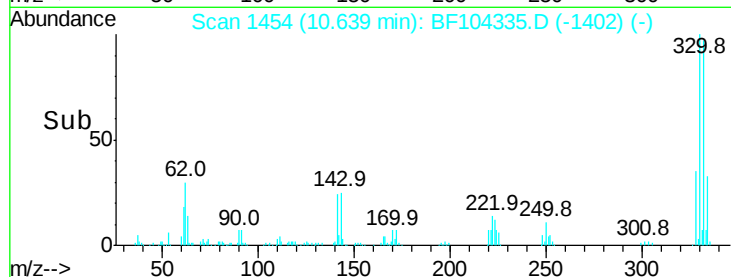
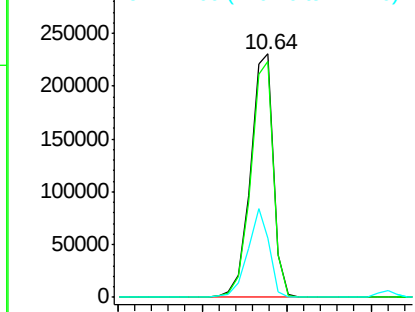
#41
 2,4,6-Tribromophenol
 Concen: 83.252 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion:330 Resp: 219523
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.0 29.9 44.9

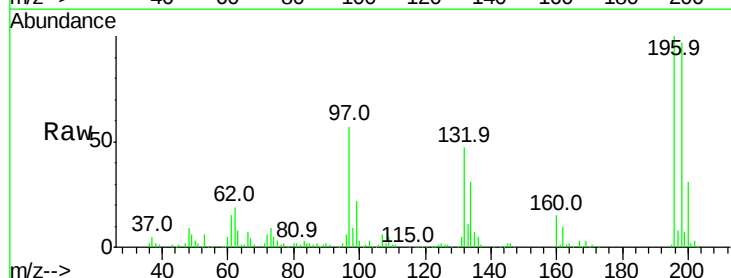


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

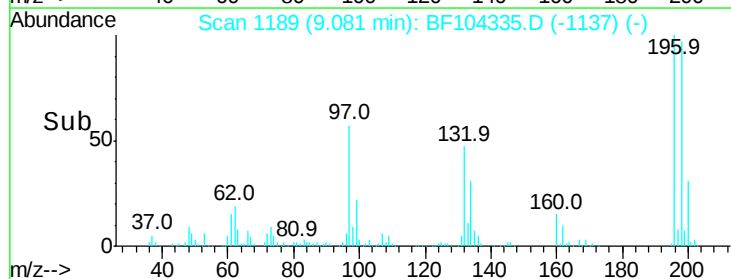
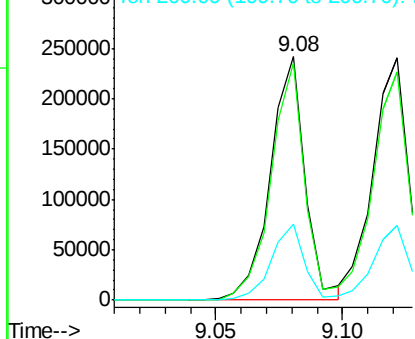


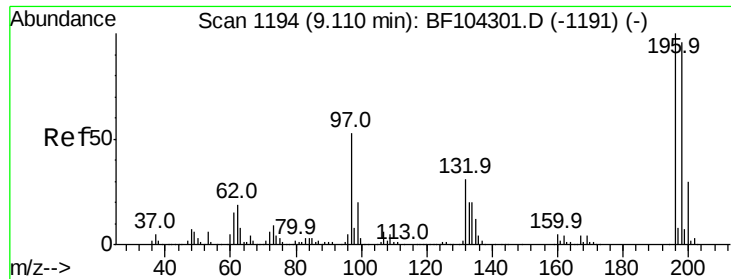
#42
 2,4,6-Trichlorophenol
 Concen: 46.072 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:196 Resp: 232719
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.0 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

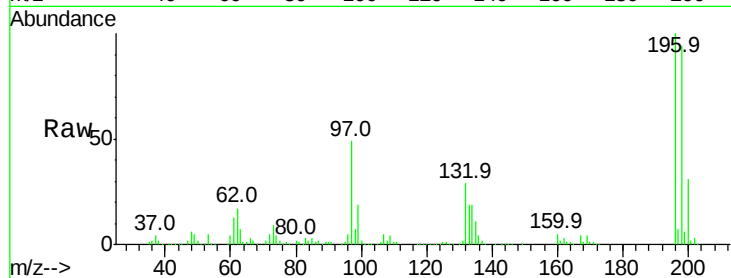




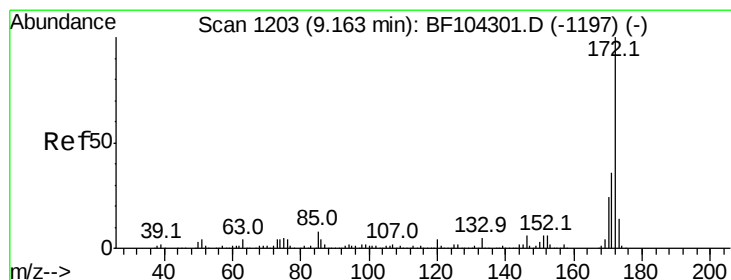
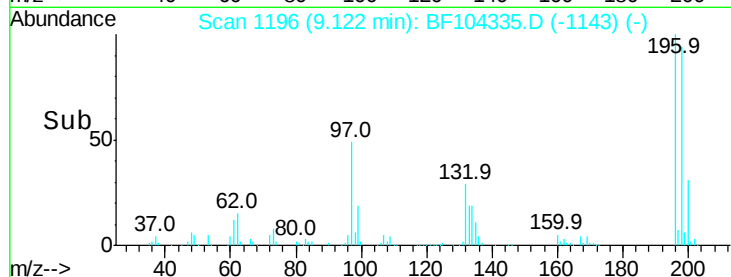
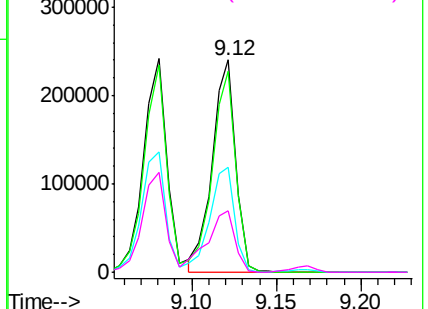
#43
 2,4,5-Trichlorophenol
 Concen: 41.530 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion:196 Resp: 234751
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 49.2 42.9 64.3
 132 28.9 26.3 39.5

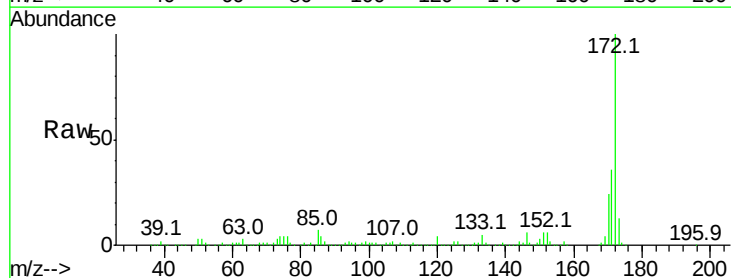


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

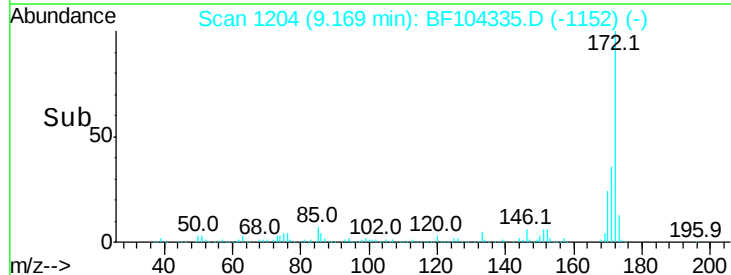
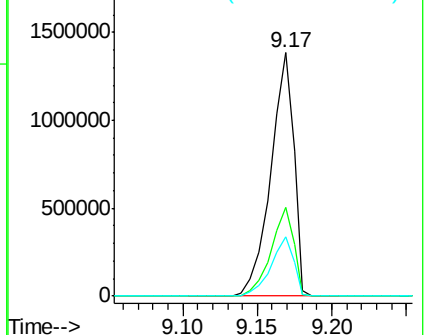


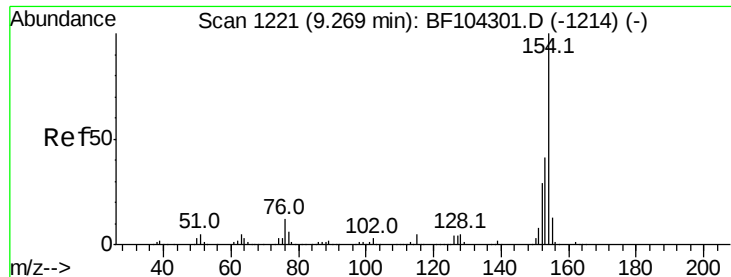
#44
 2-Fluorobiphenyl
 Concen: 91.727 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:172 Resp: 1475961
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 41.654 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

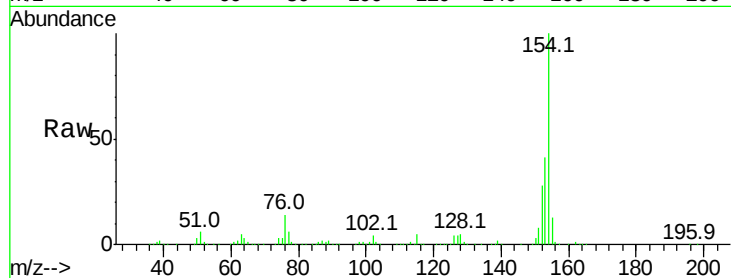
Tot Ion:154 Resp: 889488

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

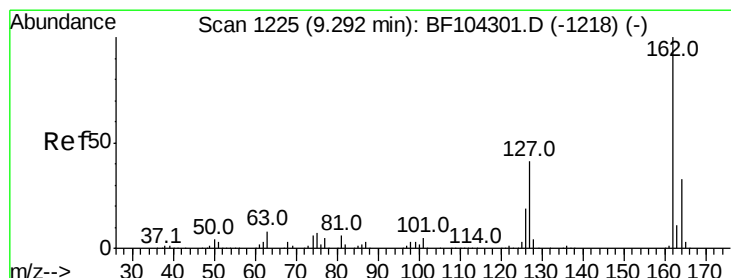
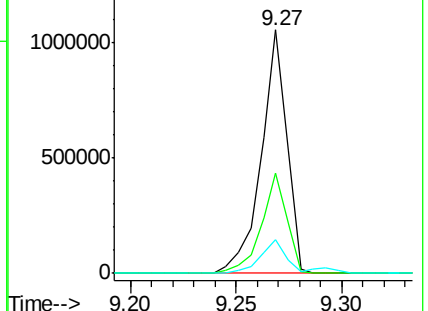
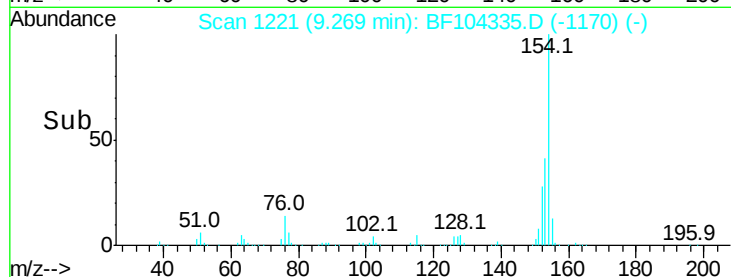
76 14.1 0.0 34.0



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: 41.063 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

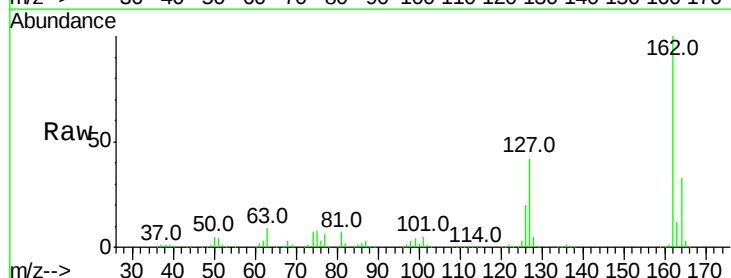
Tgt Ion:162 Resp: 692618

Ion Ratio Lower Upper

162 100

127 42.2 33.9 50.9

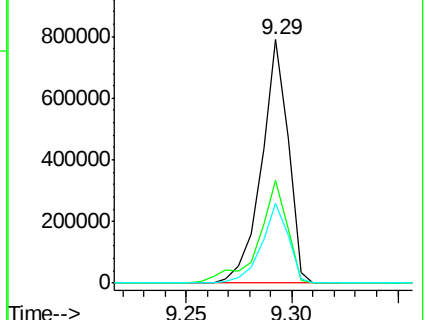
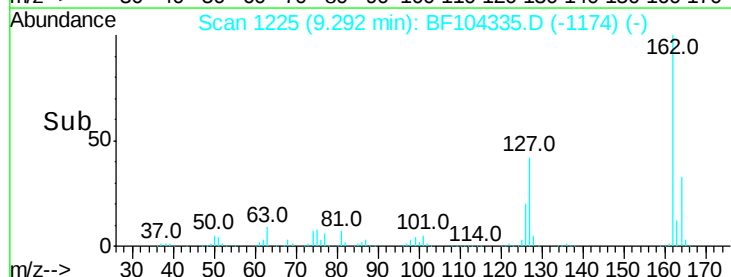
164 32.9 26.5 39.7

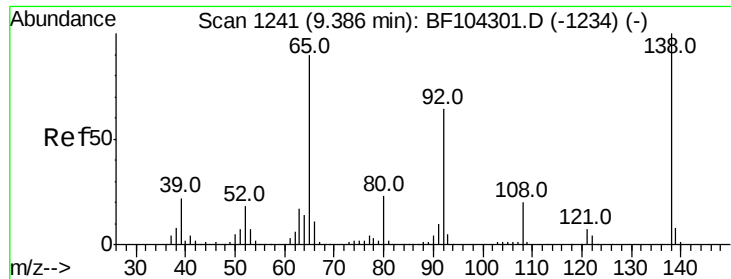


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

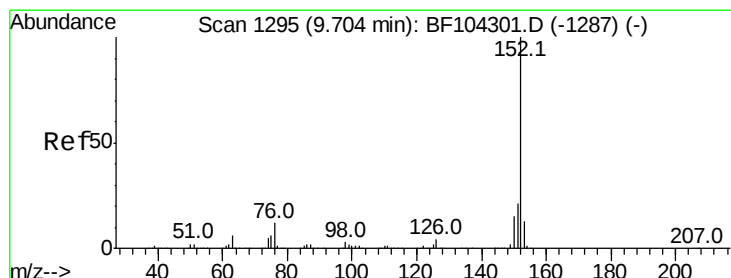
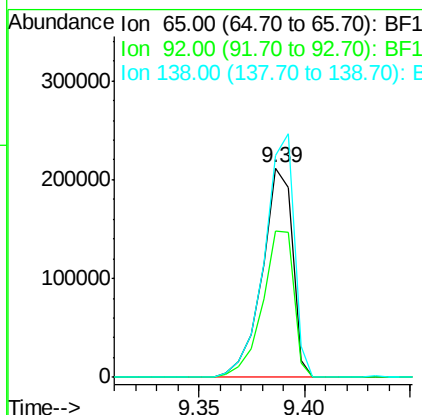
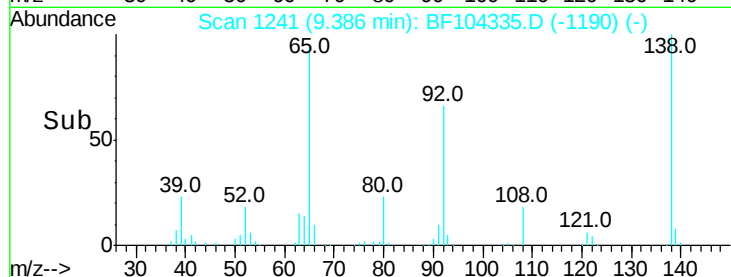
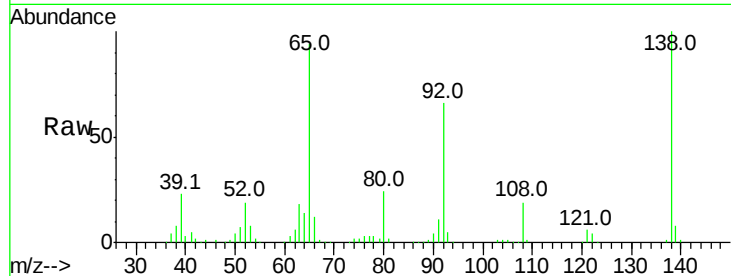




#47
 2-Nitroaniline
 Concen: 50.783 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

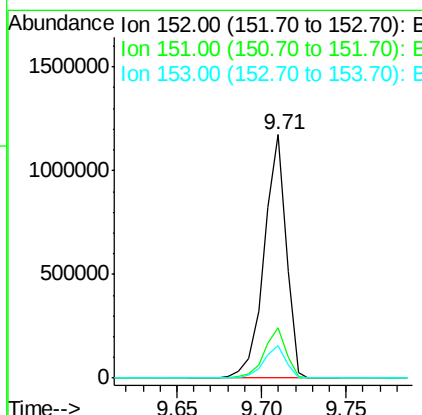
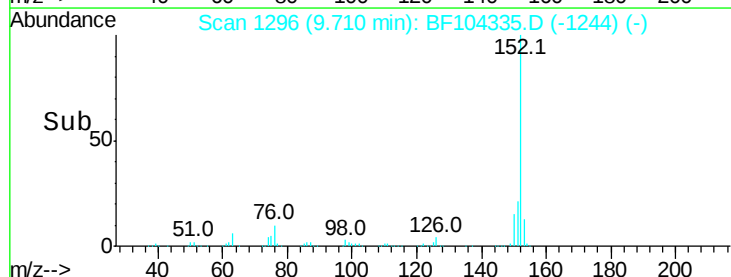
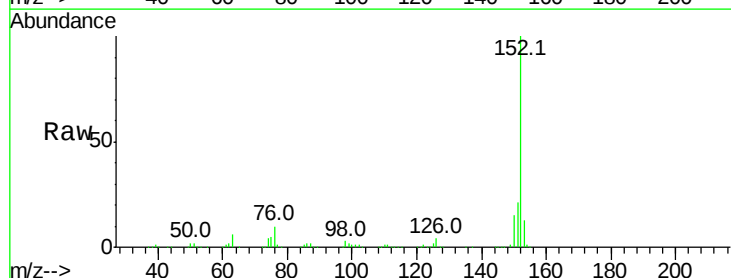
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

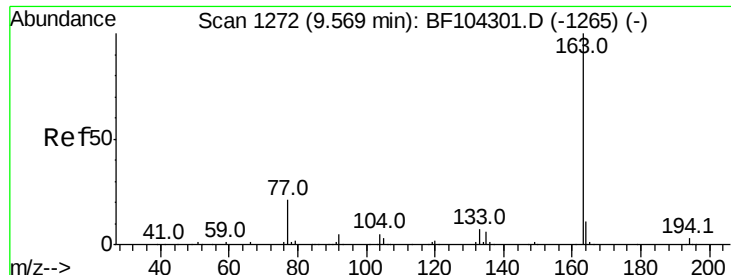
Tot Ion: 65 Resp: 211828
 Ion Ratio Lower Upper
 65 100
 92 70.2 55.8 83.6
 138 106.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.984 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:152 Resp: 1058121
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1

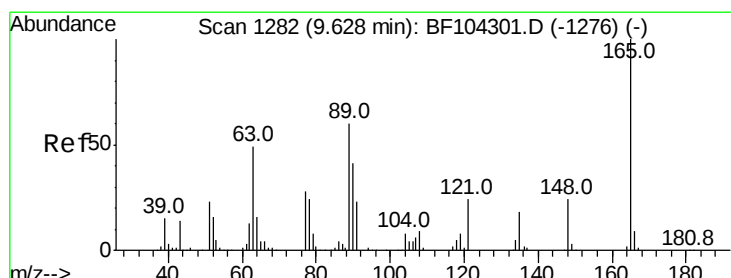
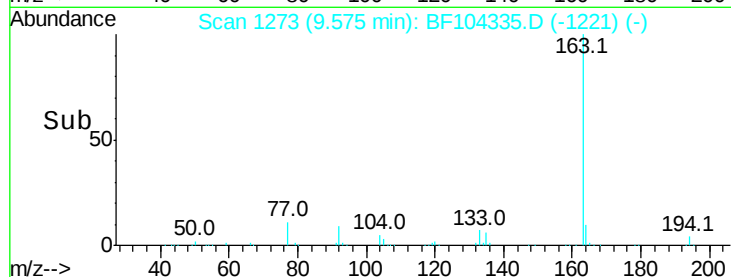
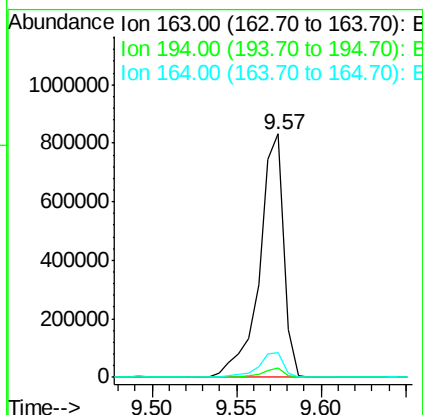
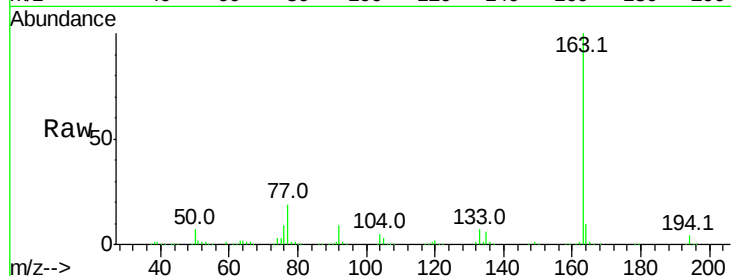




#49
Dimethylphthalate
Concen: 41.259 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

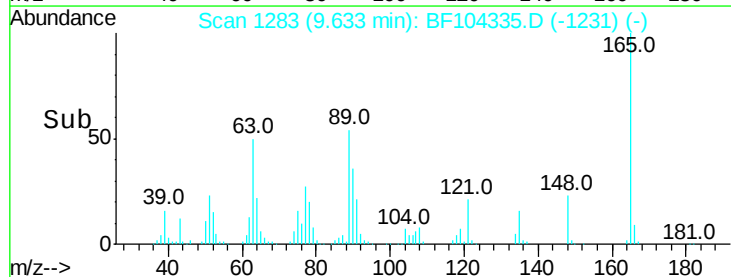
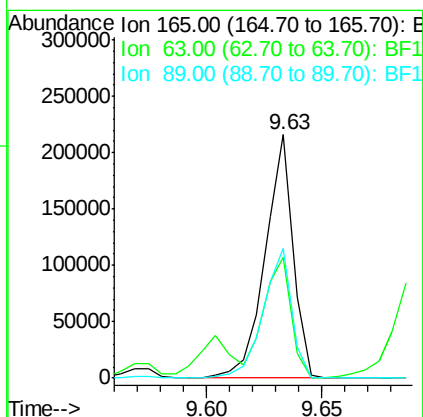
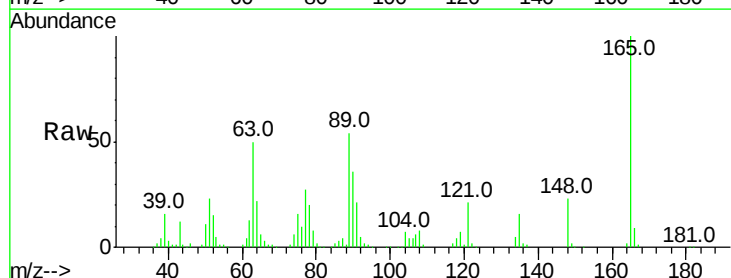
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:163 Resp: 827046
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 49.010 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:165 Resp: 181786
Ion Ratio Lower Upper
165 100
63 49.6 44.7 67.1
89 53.5 44.0 66.0





#51

Acenaphthene

Concen: 40.521 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

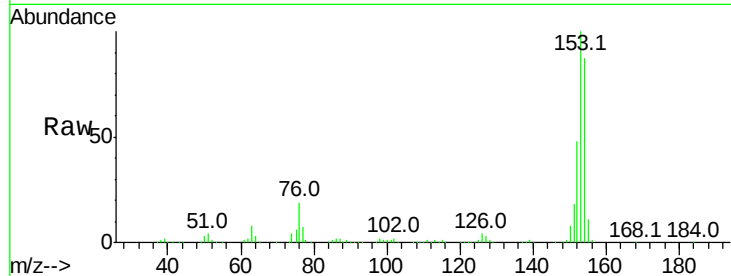
Tot Ion:154 Resp: 654275

Ion Ratio Lower Upper

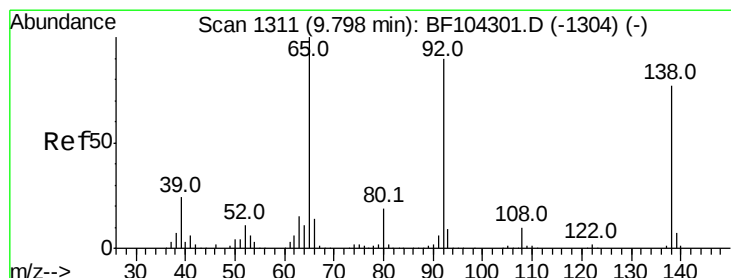
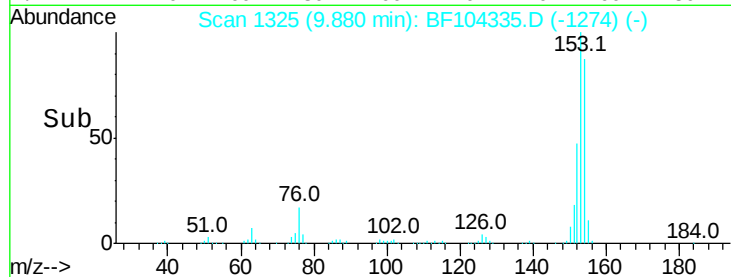
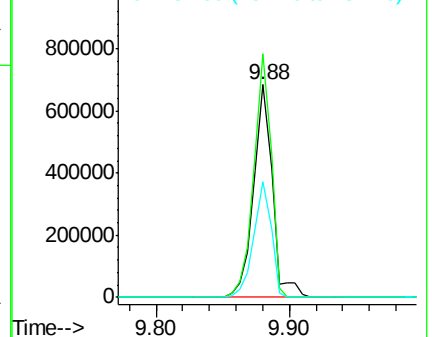
154 100

153 114.7 91.2 136.8

152 54.6 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: 25.181 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

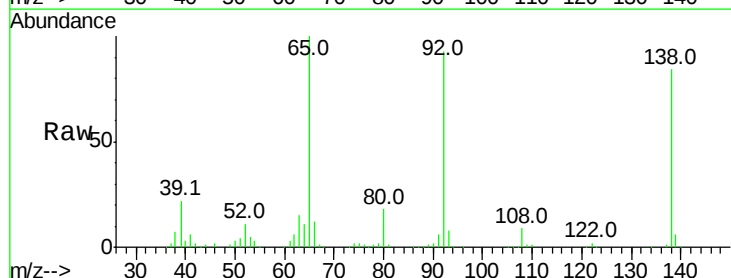
Tgt Ion:138 Resp: 109342

Ion Ratio Lower Upper

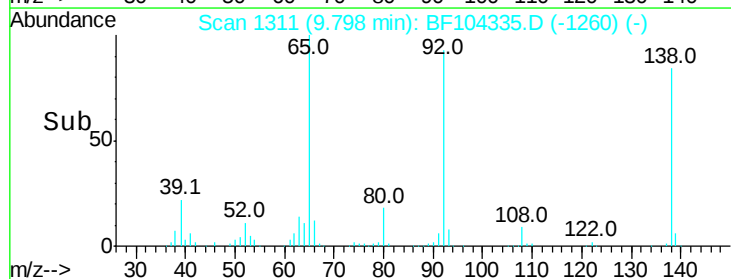
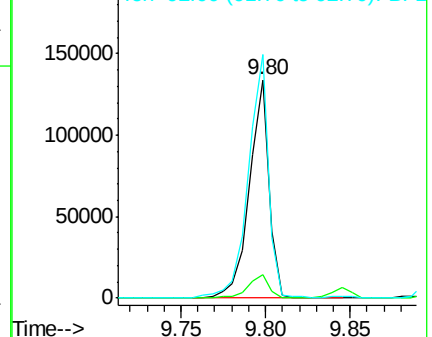
138 100

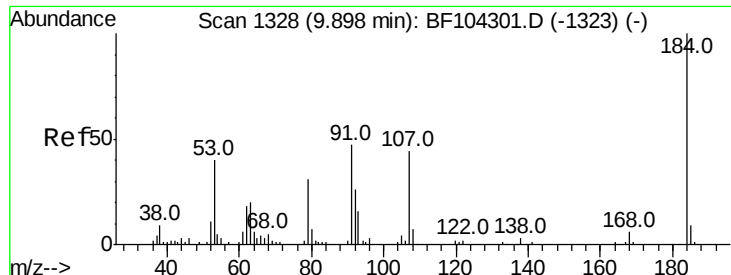
108 10.6 9.4 14.0

92 111.7 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

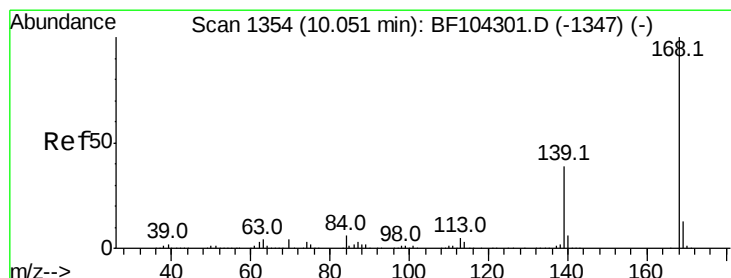
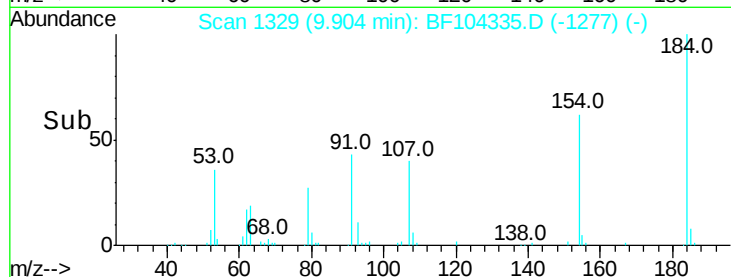
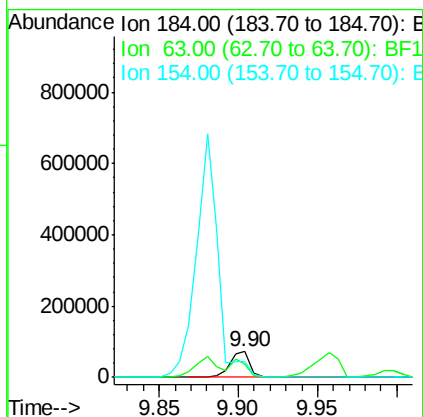
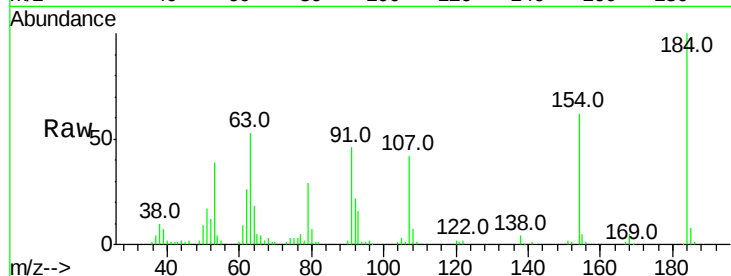




#53
 2,4-Dinitrophenol
 Concen: 50.537 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

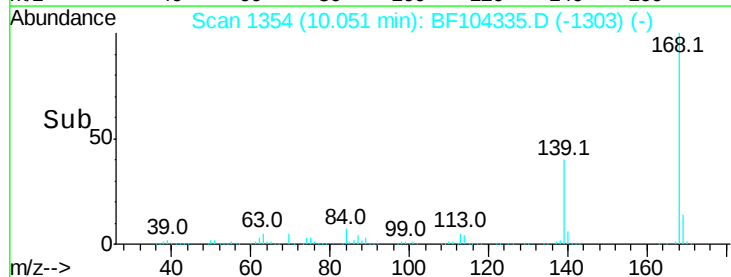
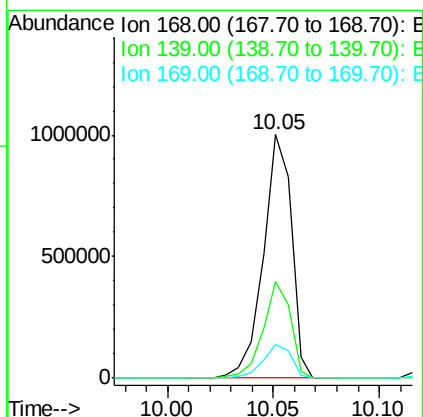
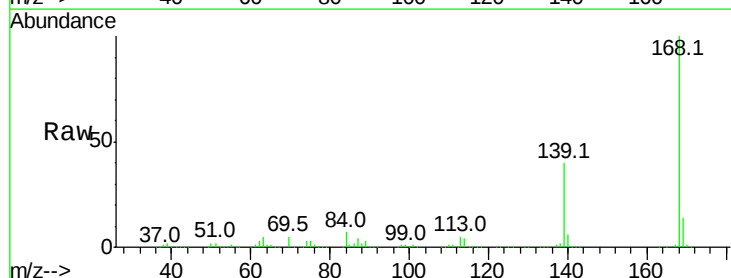
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

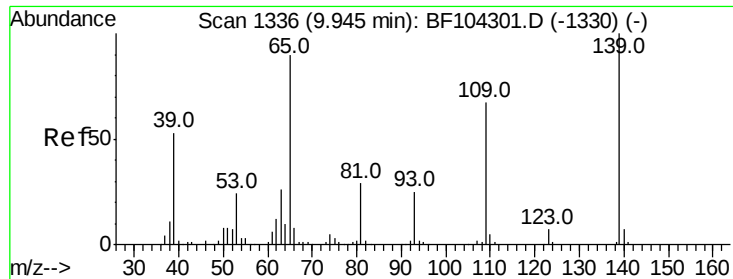
Tot Ion:184 Resp: 63096
 Ion Ratio Lower Upper
 184 100
 63 53.3 54.2 81.2#
 154 62.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.298 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:168 Resp: 929275
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 14.0 10.9 16.3

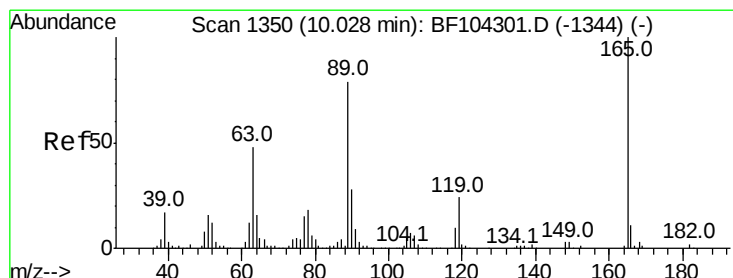
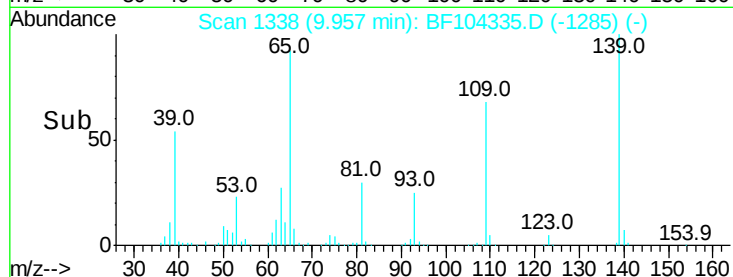
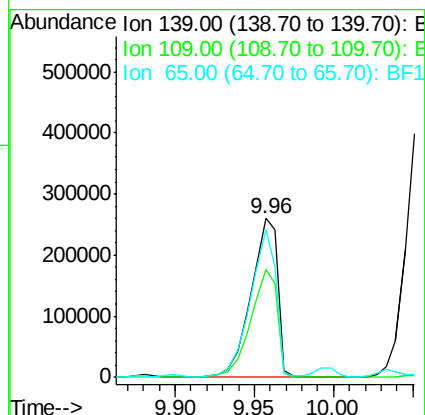
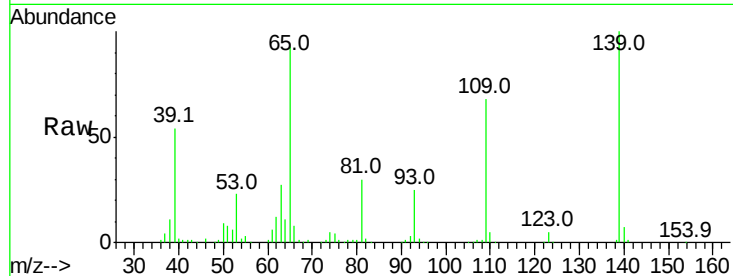




#55
4-Nitrophenol
Concen: 89.303 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

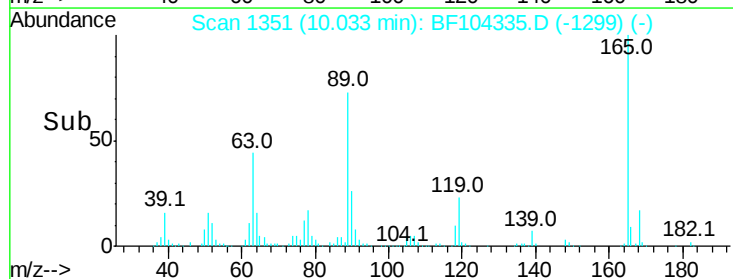
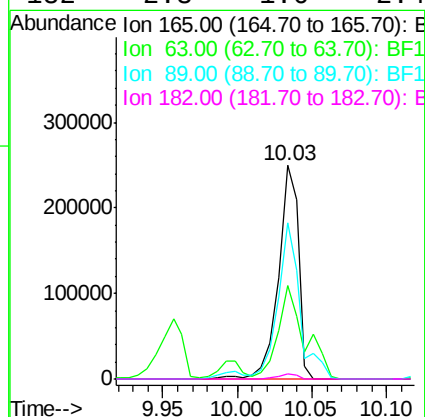
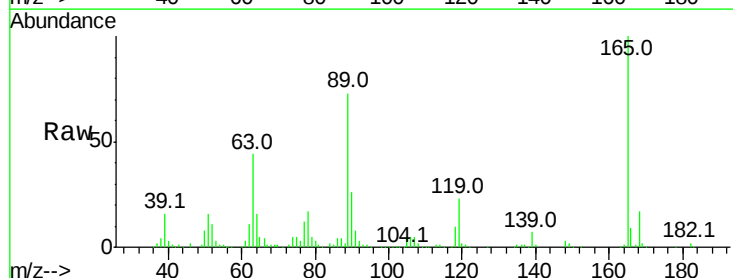
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:139 Resp: 304613
Ion Ratio Lower Upper
139 100
109 68.3 48.4 88.4
65 92.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.062 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:165 Resp: 233840
Ion Ratio Lower Upper
165 100
63 43.8 36.4 54.6
89 73.0 57.8 86.6
182 2.3 1.6 2.4

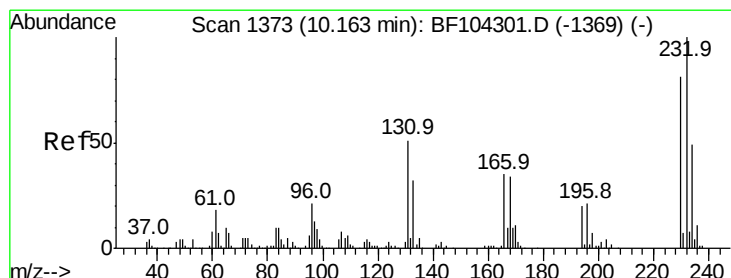
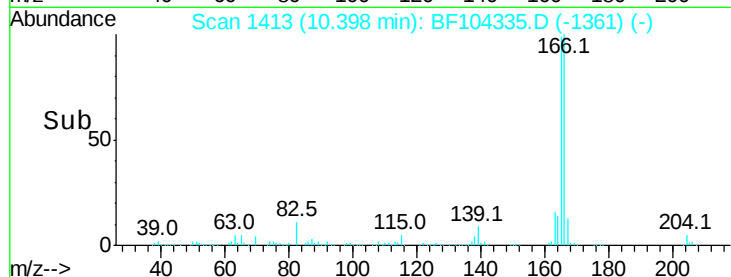
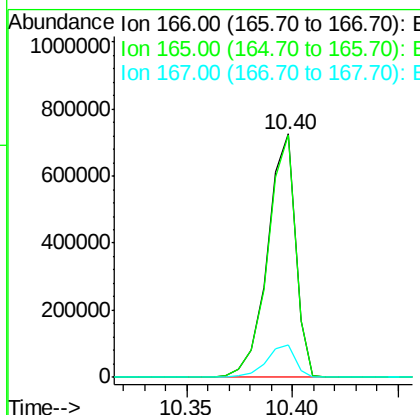
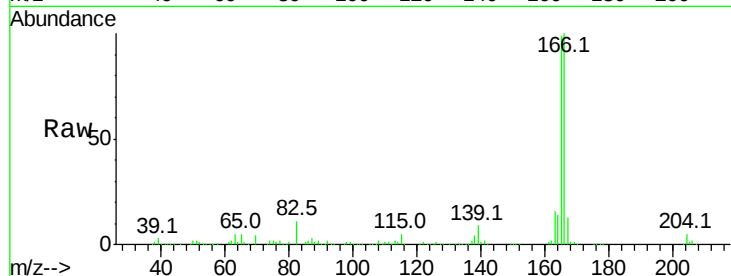




#57
Fluorene
 Concen: 40.754 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

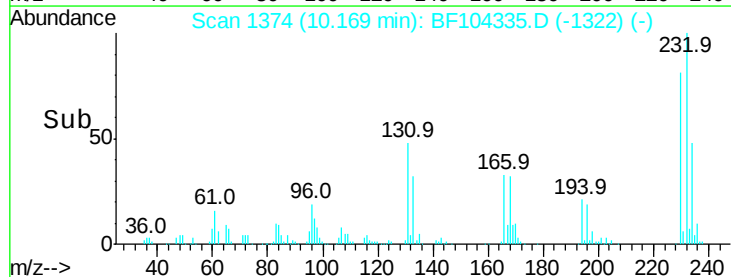
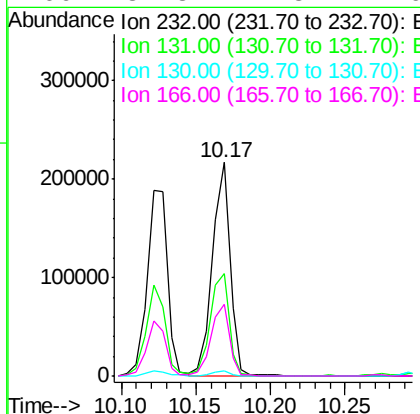
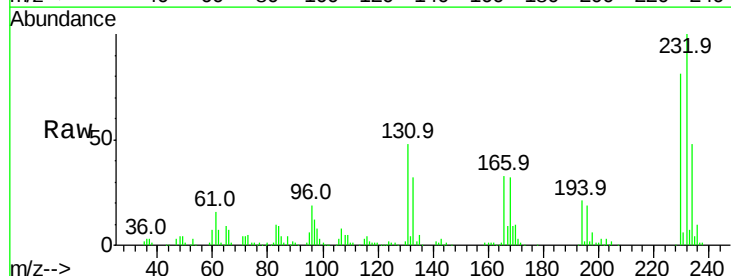
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

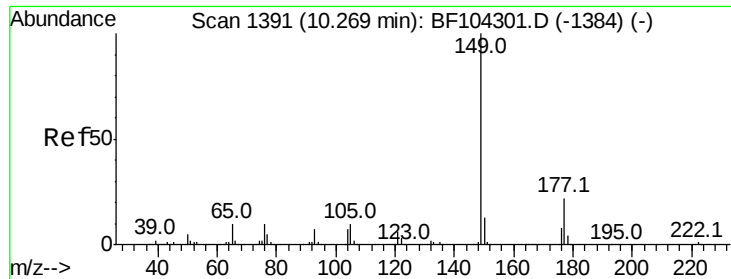
Tot Ion:166 Resp: 667489
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.767 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:232 Resp: 180351
 Ion Ratio Lower Upper
 232 100
 131 50.7 43.8 65.8
 130 2.4 2.1 3.1
 166 34.3 27.8 41.6

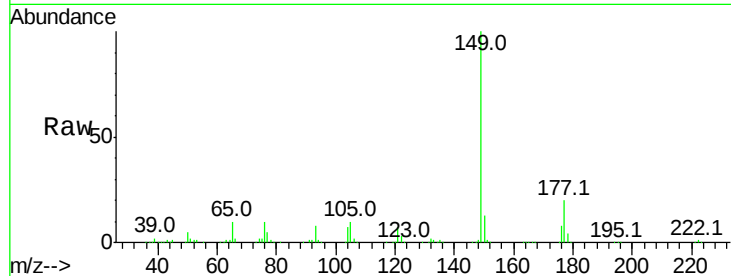




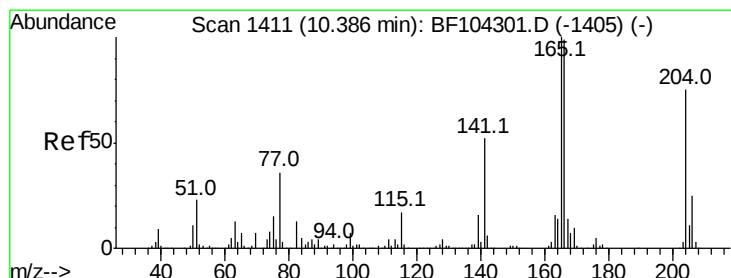
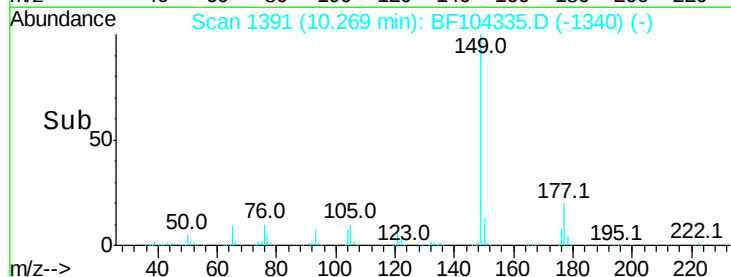
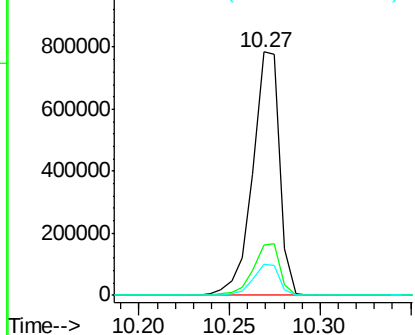
#59
Diethylphthalate
Concen: 40.543 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion:149 Resp: 809397
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.6 10.1 15.1

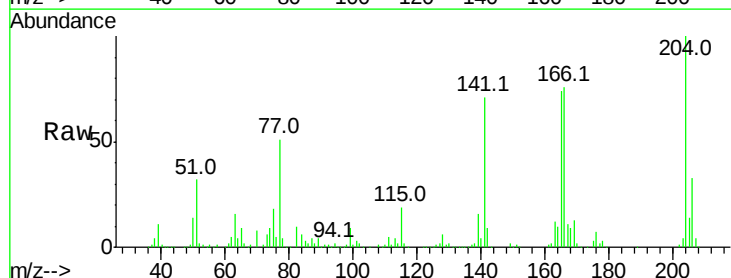


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

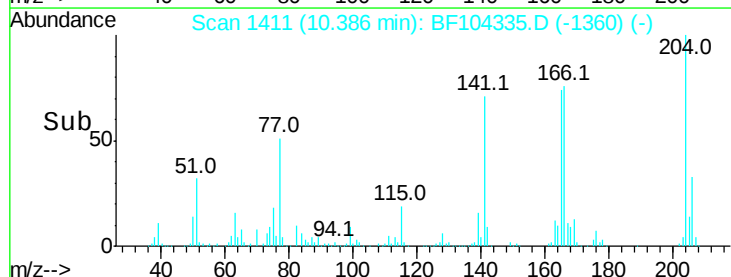
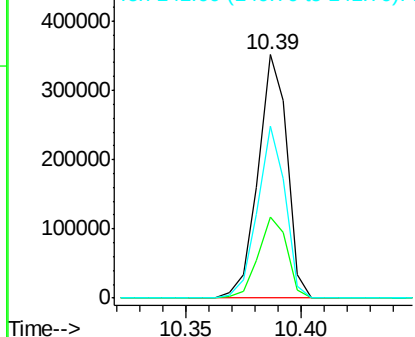


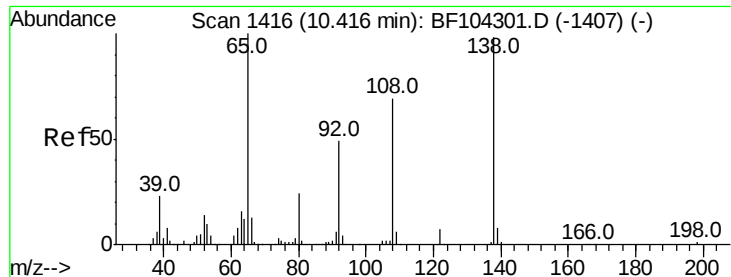
#60
4-Chlorophenyl-phenylether
Concen: 42.233 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:204 Resp: 308054
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 70.5 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: 36.520 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

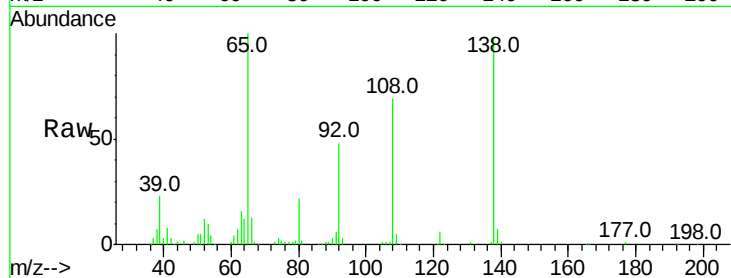
Tot Ion:138 Resp: 155056

Ion Ratio Lower Upper

138 100

92 48.9 30.2 70.2

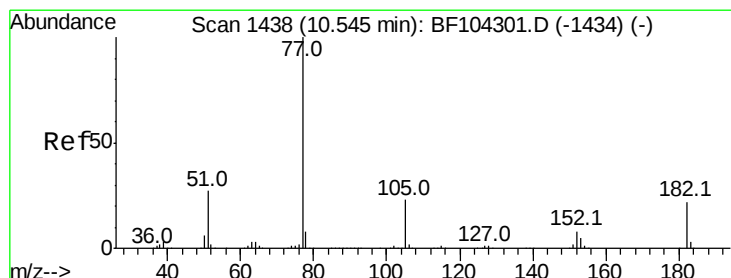
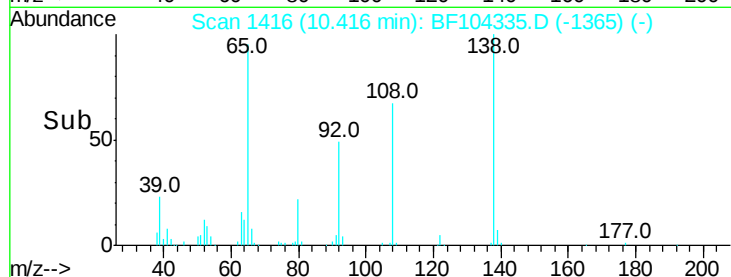
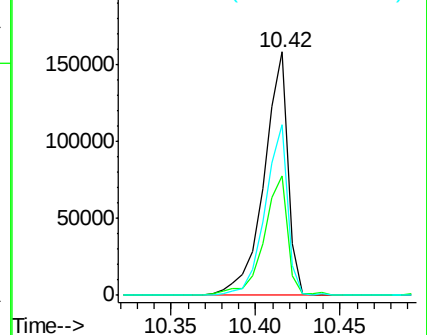
108 70.0 52.5 92.5



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: 39.413 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Tgt Ion: 77 Resp: 751729

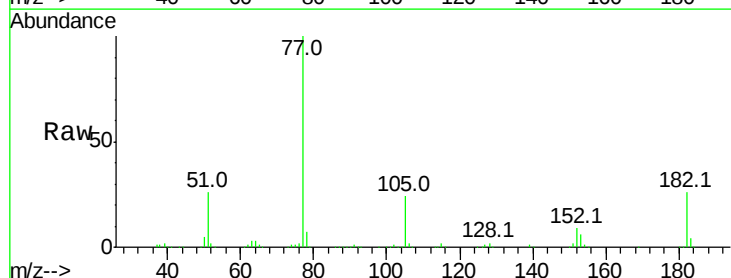
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 24.2 3.0 43.0

51 26.4 9.9 49.9

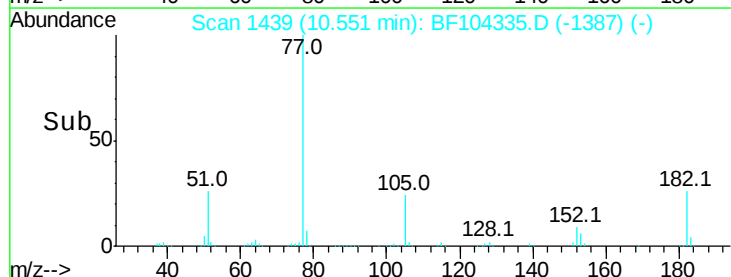
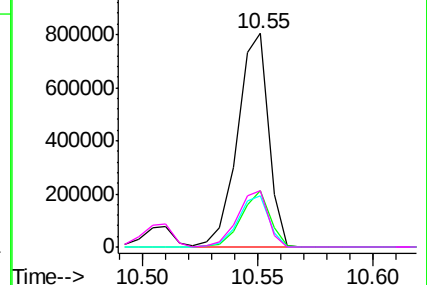


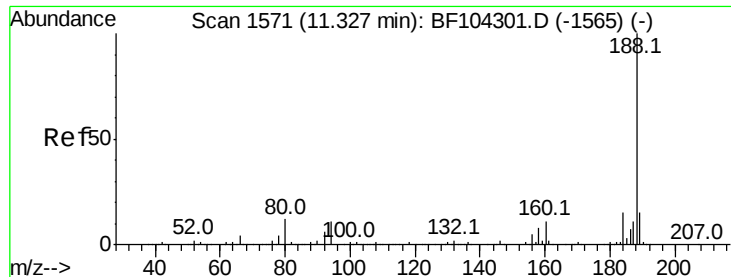
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

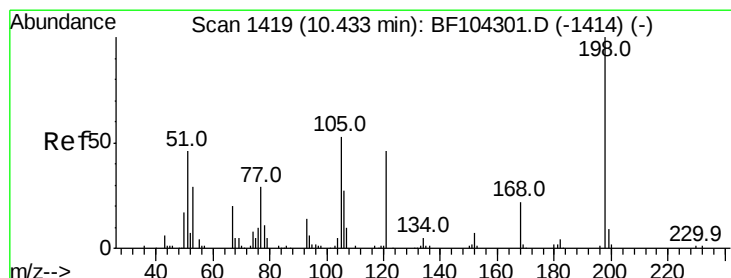
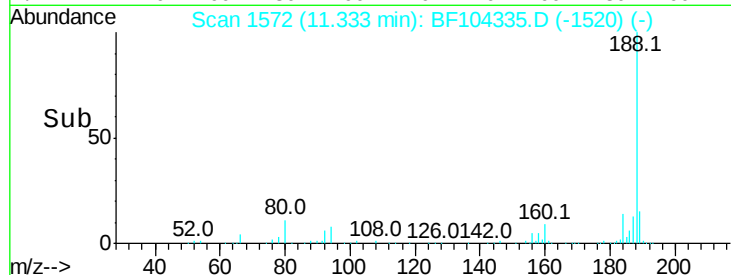
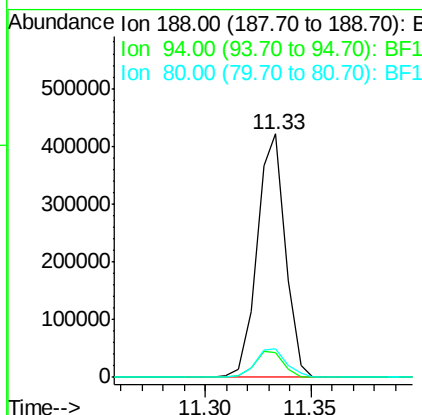
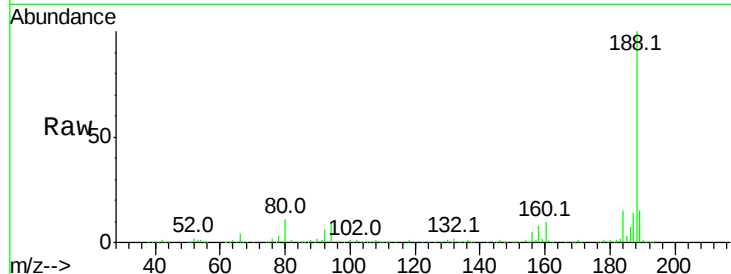




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

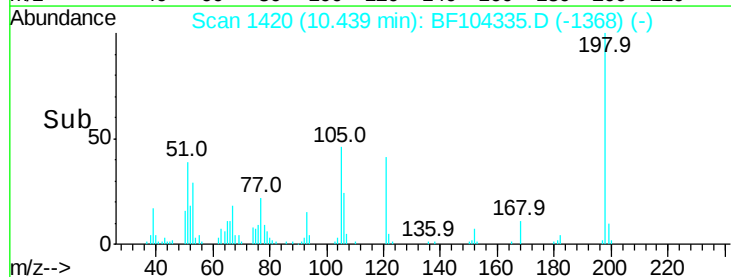
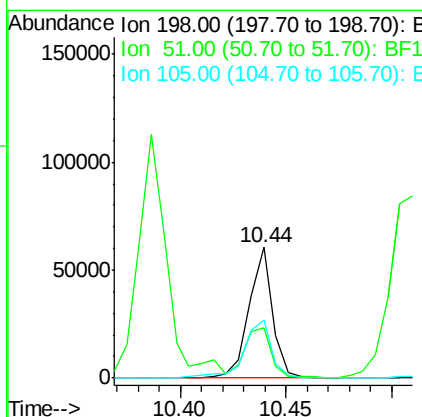
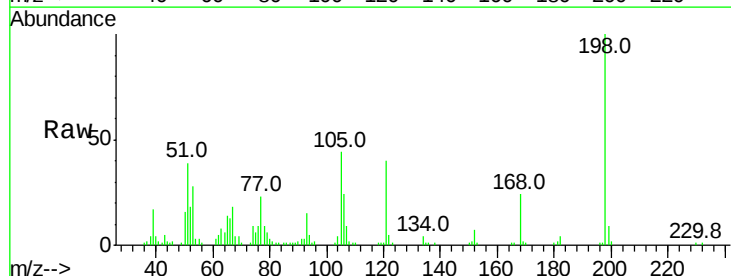
Instrument :
BNA_F
ClientSampled :
PB108048BSD

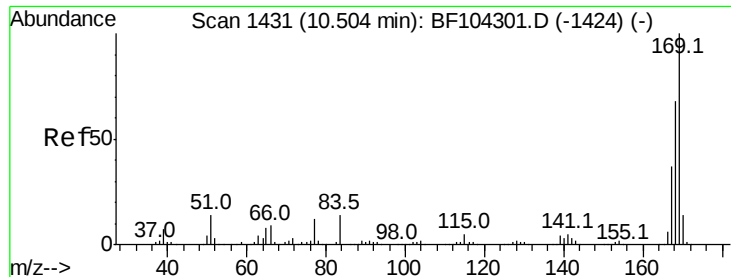
Tot Ion:188 Resp: 391640
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 28.250 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:198 Resp: 47076
Ion Ratio Lower Upper
198 100
51 38.9 37.7 77.7
105 44.2 36.3 76.3

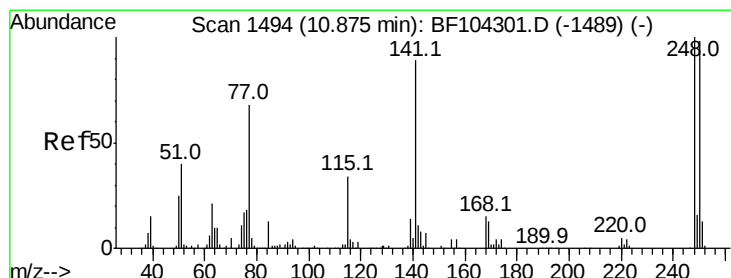
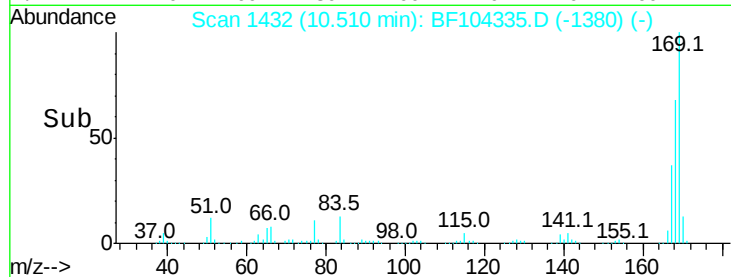
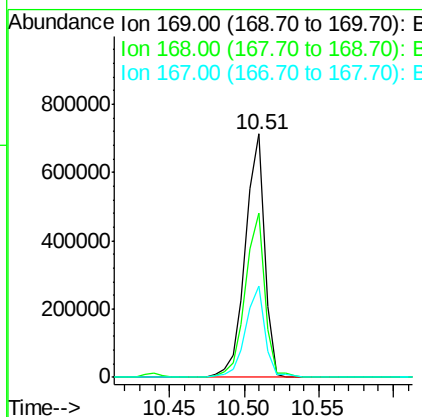
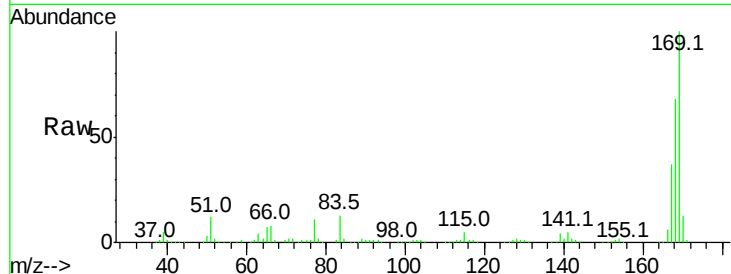




#65
 n-Nitrosodiphenylamine
 Concen: 46.881 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

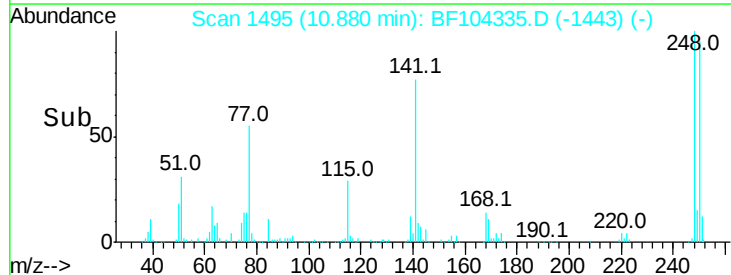
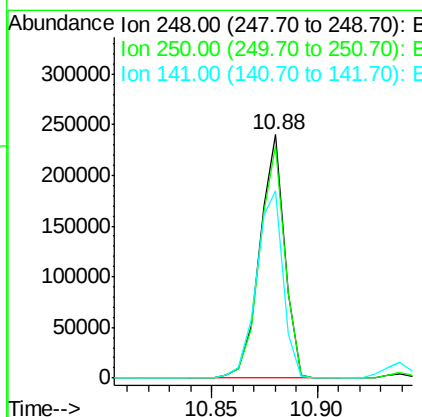
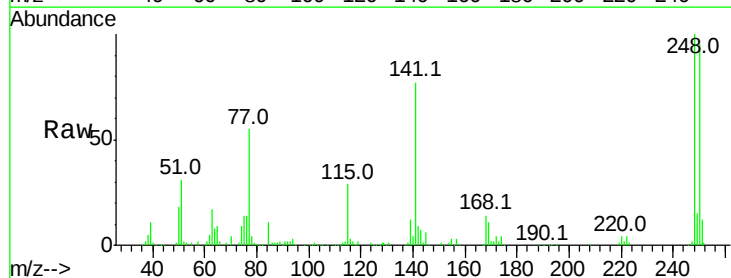
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

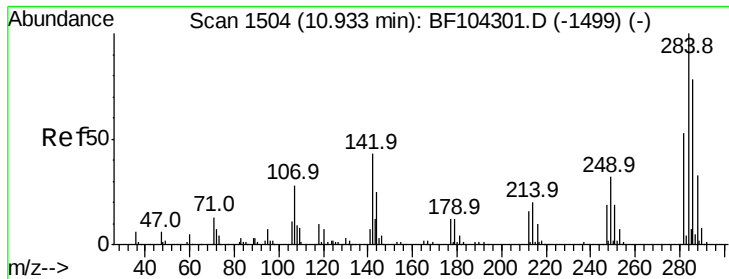
Tot Ion:169 Resp: 636598
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.488 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:248 Resp: 197827
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.9 115.3
 141 77.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 43.142 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

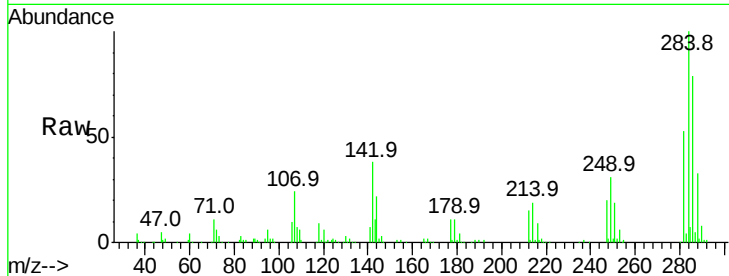
Tot Ion:284 Resp: 202222

Ion Ratio Lower Upper

284 100

142 38.2 34.6 52.0

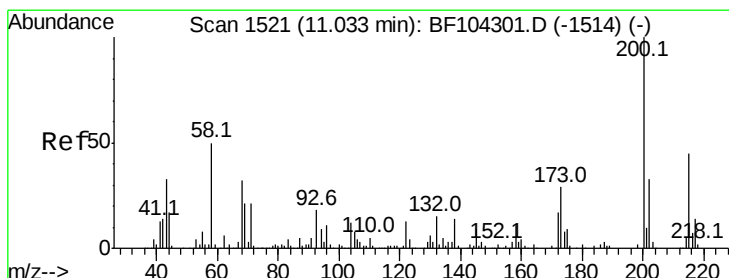
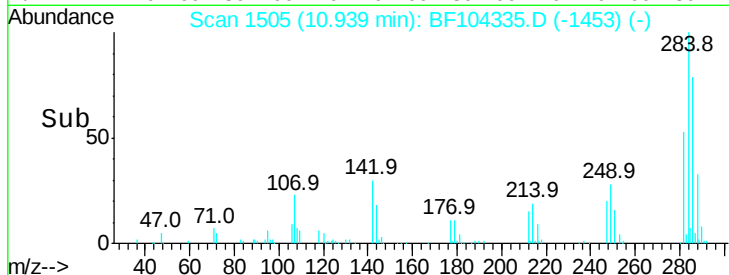
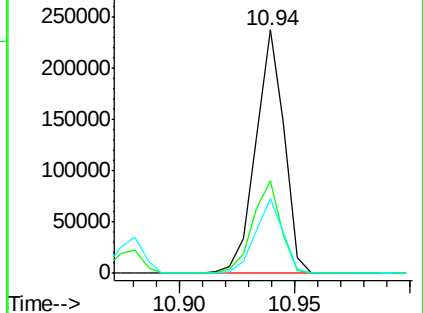
249 30.6 24.8 37.2



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: 48.175 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

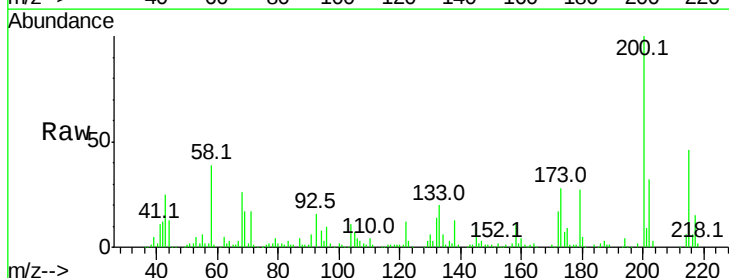
Tgt Ion:200 Resp: 197462

Ion Ratio Lower Upper

200 100

173 27.7 8.6 48.6

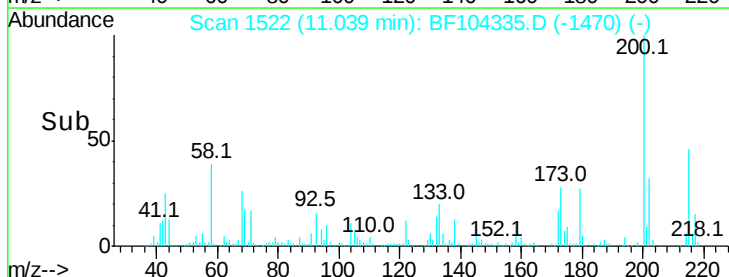
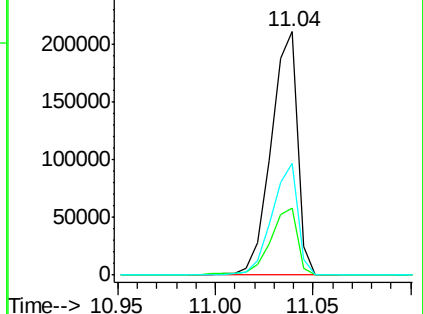
215 45.7 25.1 65.1

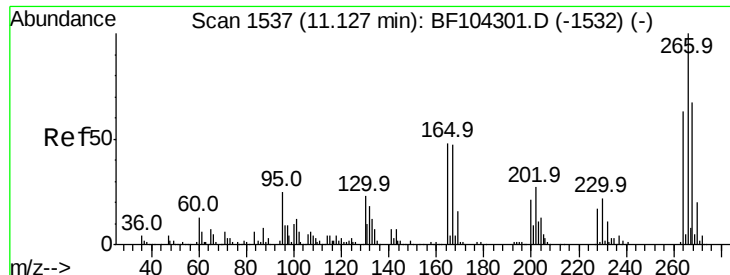


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.111 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

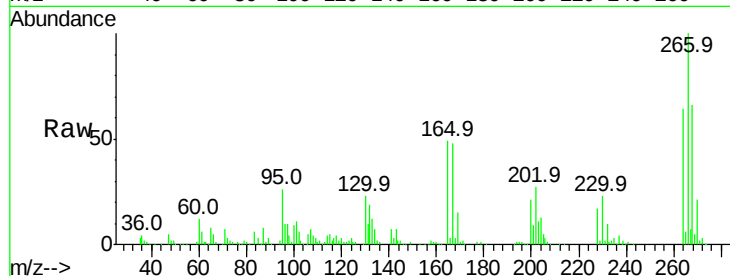
Tot Ion:266 Resp: 206211

Ion Ratio Lower Upper

266 100

268 65.7 51.1 76.7

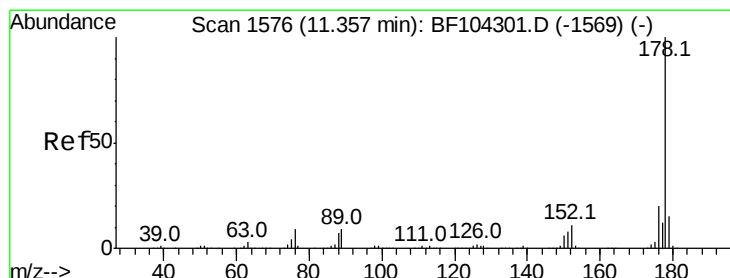
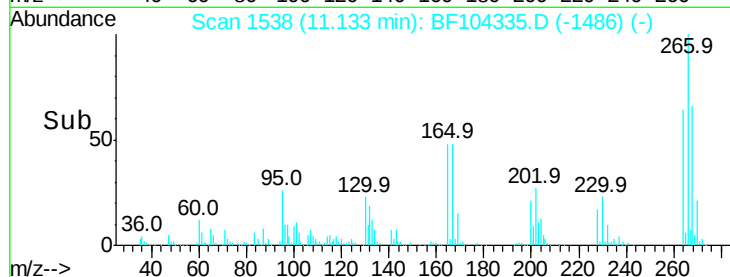
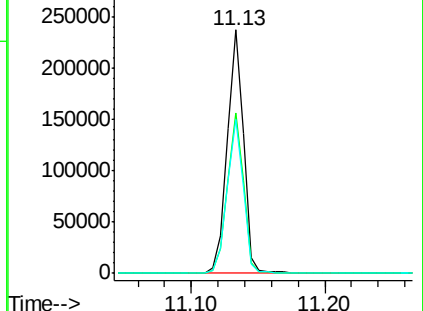
264 63.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.857 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

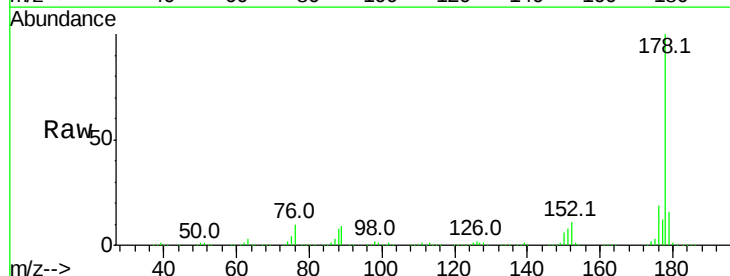
Tgt Ion:178 Resp: 912907

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

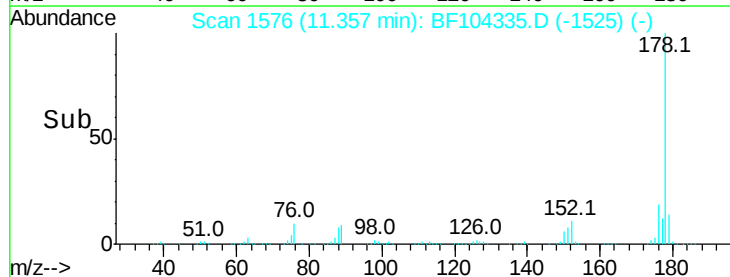
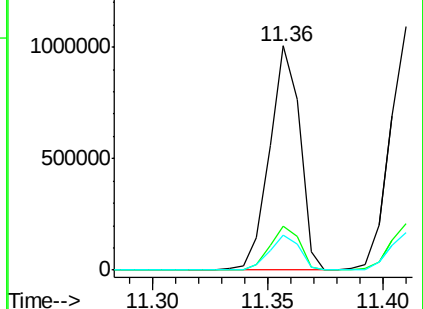
179 15.8 13.0 19.6

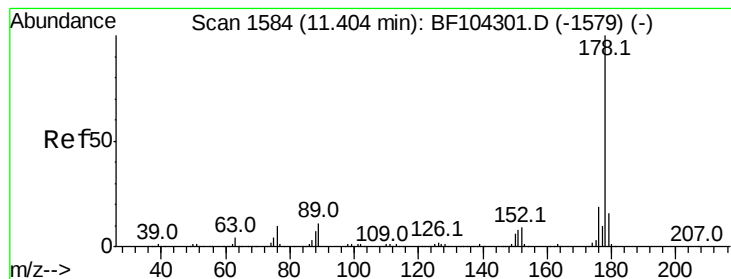


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.821 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

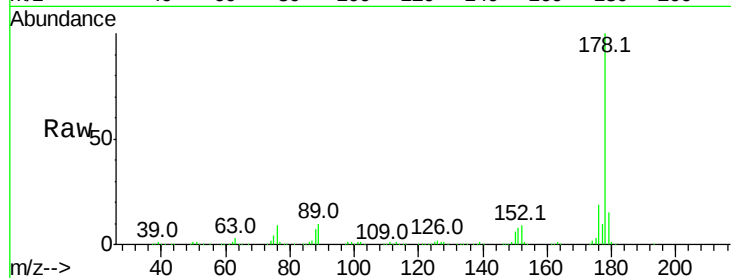
BNA_F

ClientSampleId :

PB108048BSD

Tot Ion:178 Resp: 927189

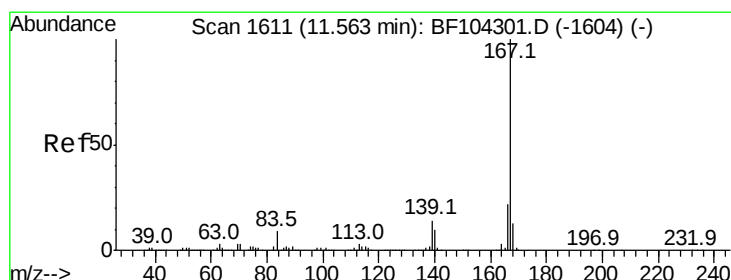
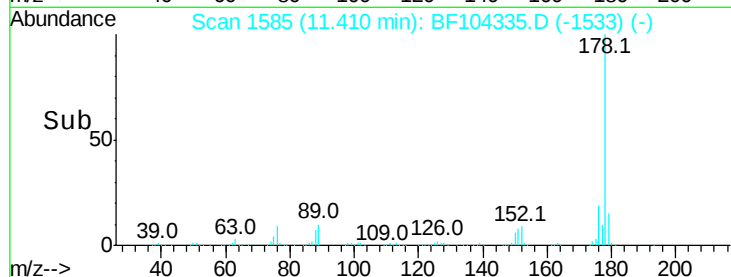
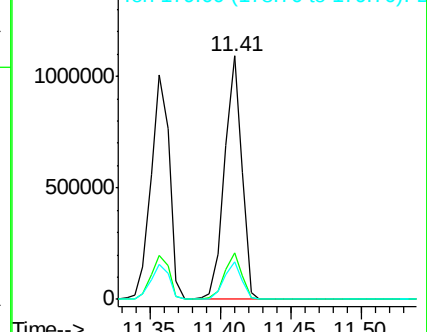
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.223 ng

RT: 11.56 min Scan# 1611

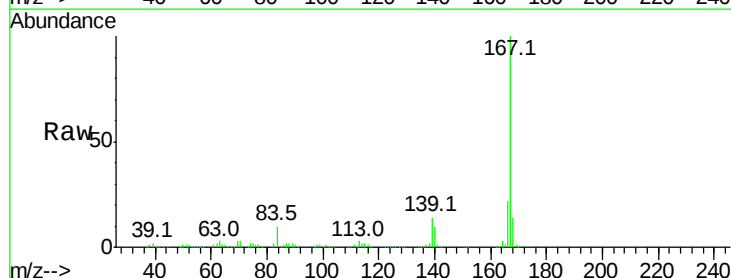
Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Tgt Ion:167 Resp: 849730

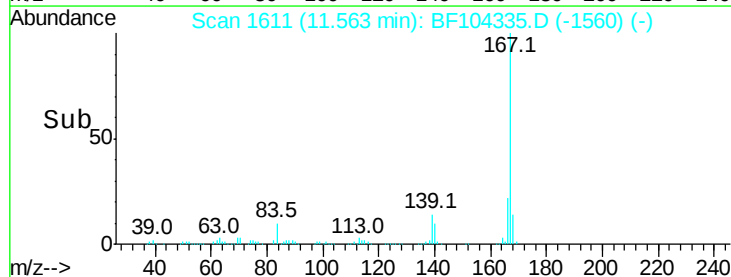
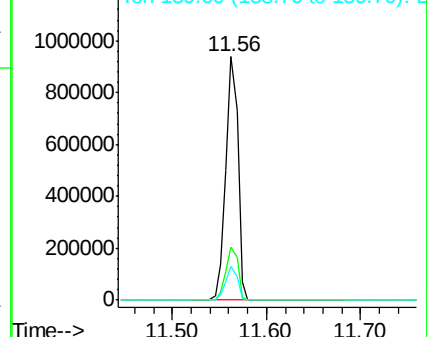
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.8	10.9	16.3

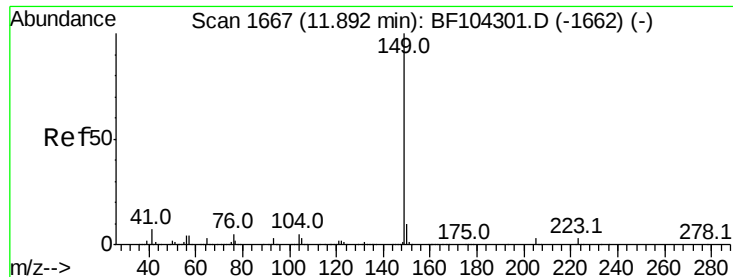


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.903 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

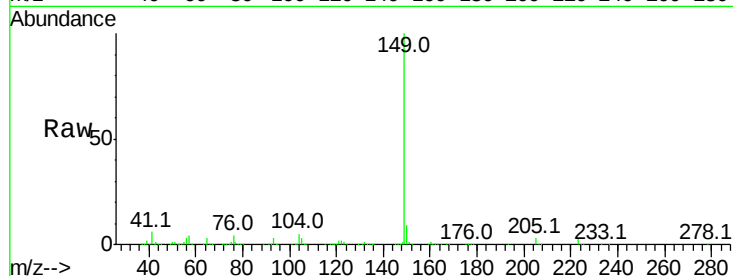
Tot Ion:149 Resp: 1161845

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

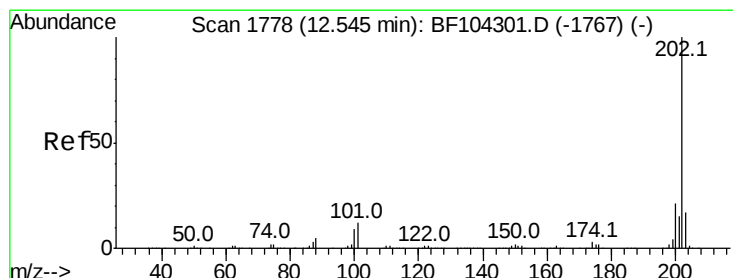
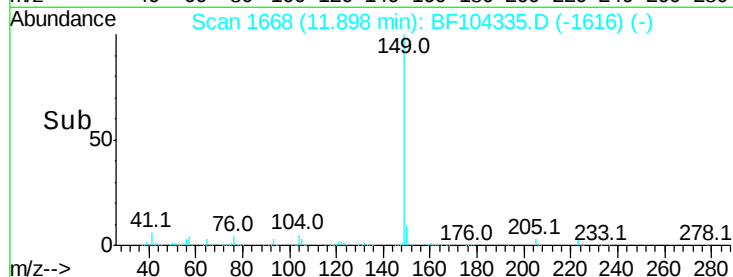
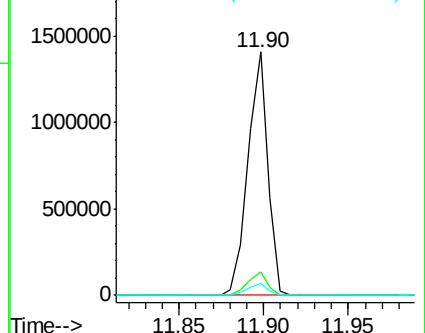
104 4.9 3.8 5.8



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: 35.340 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

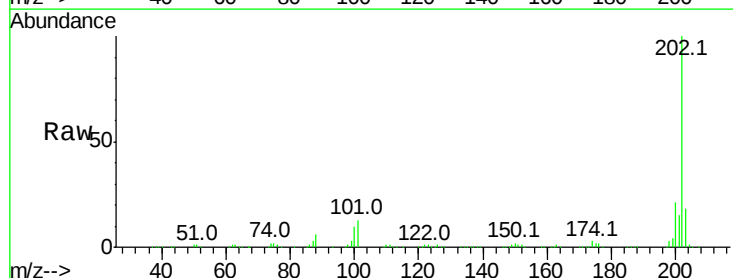
Tgt Ion:202 Resp: 805306

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

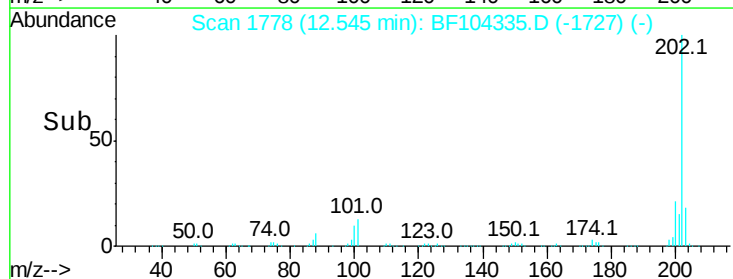
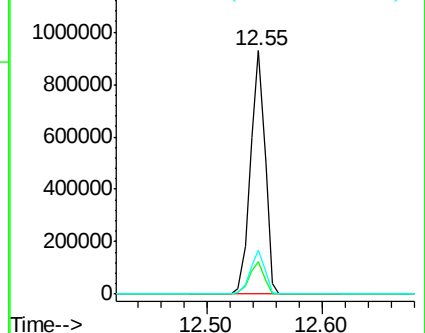
203 18.0 0.0 38.1

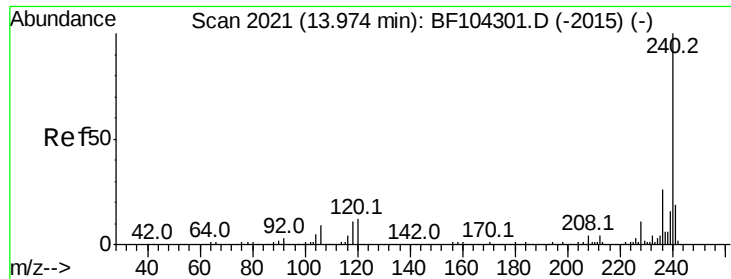


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

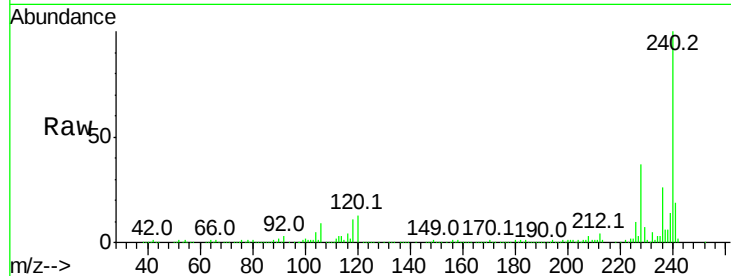
Tot Ion:240 Resp: 257919

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

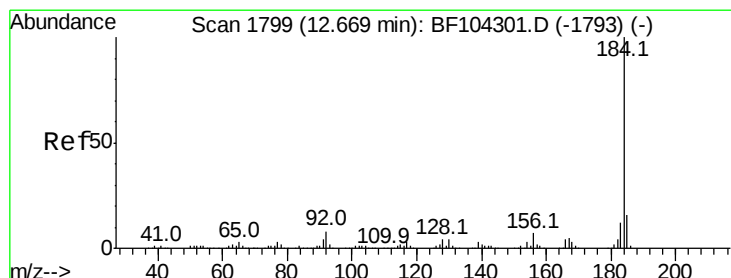
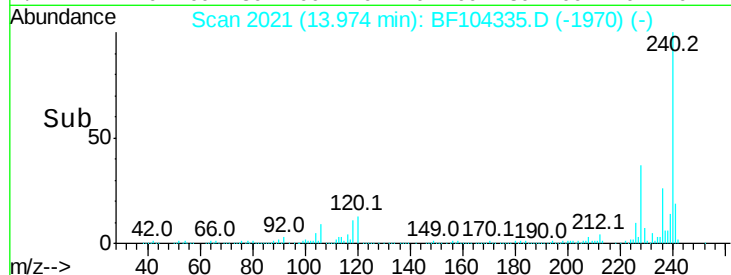
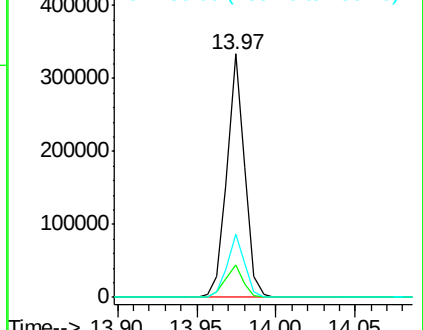
236 25.7 20.7 31.1



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: 56.203 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

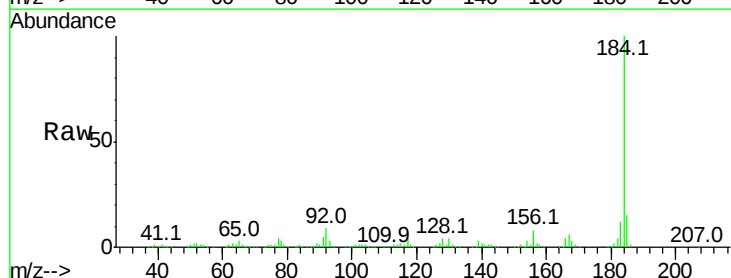
Tgt Ion:184 Resp: 440832

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

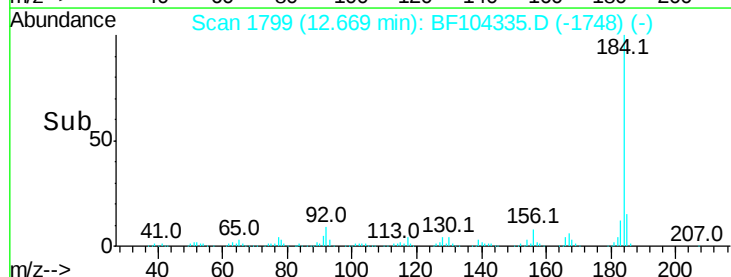
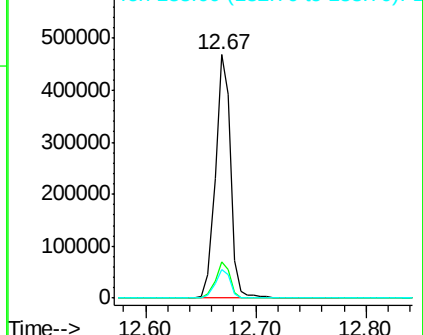
183 12.0 9.3 13.9

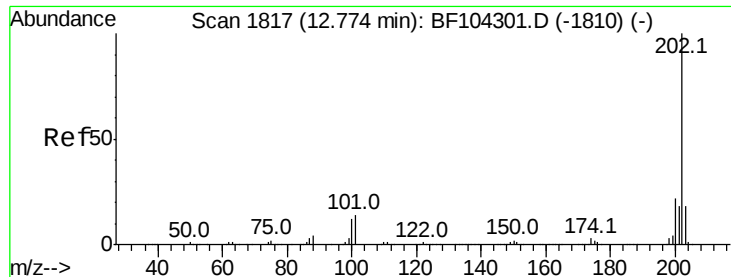


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

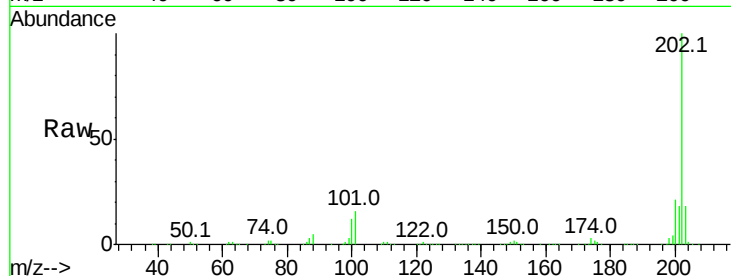




#77
Pvrene
Concen: 41.250 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Instrument :
BNA_F
ClientSampleId :
PB108048BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

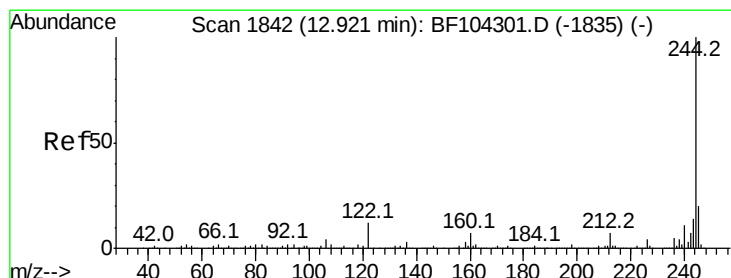
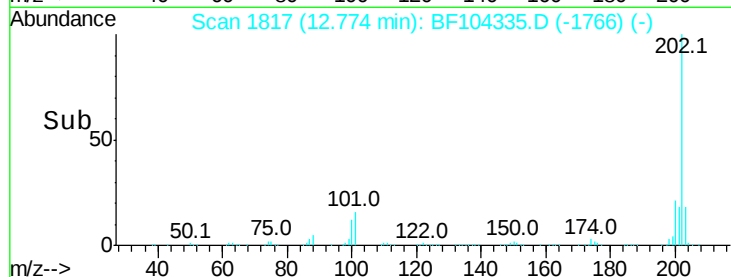
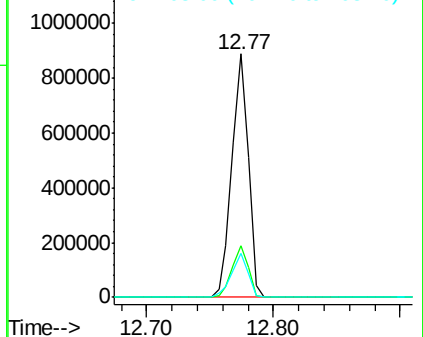


Abundance

Ion 202.00 (201.70 to 202.70): E

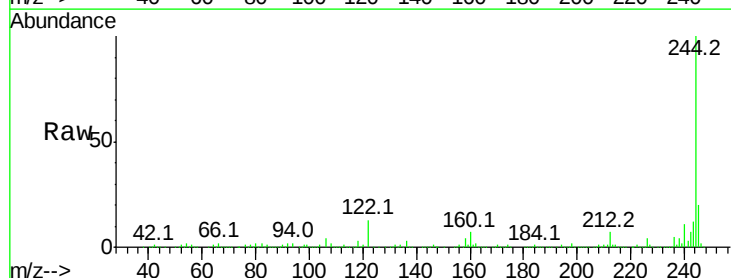
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 90.599 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.6	11.0	16.4

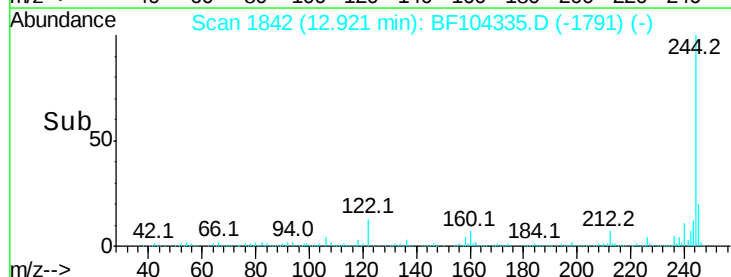
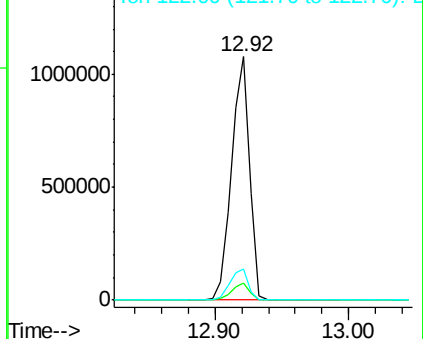


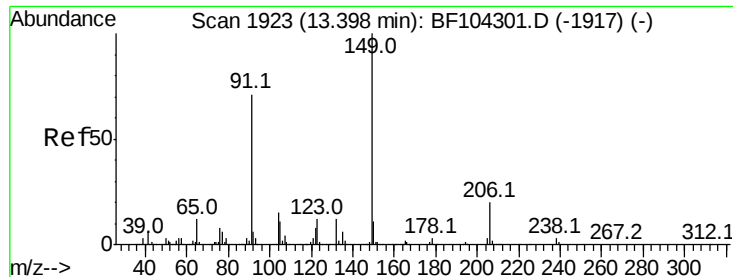
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

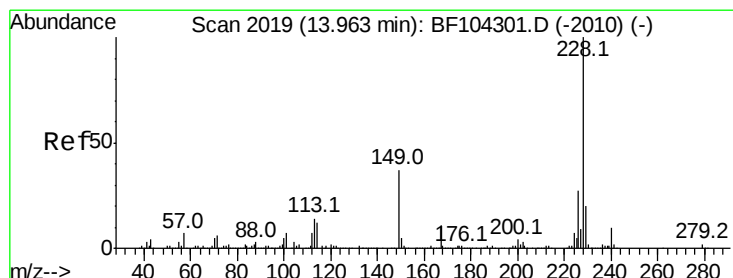
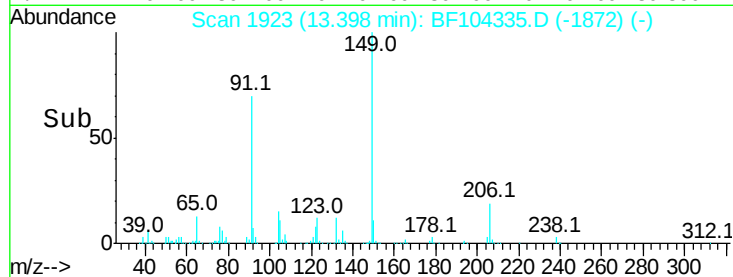
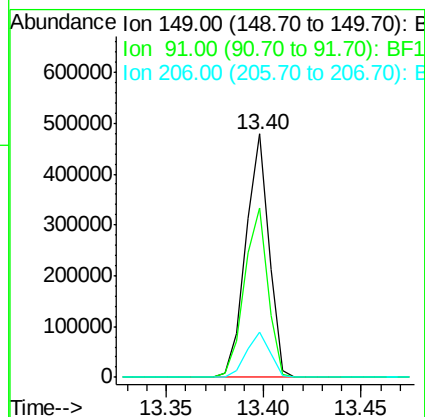
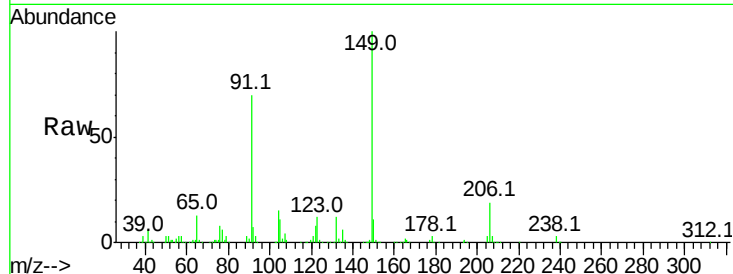




#79
 Butylbenzylphthalate
 Concen: 43.662 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

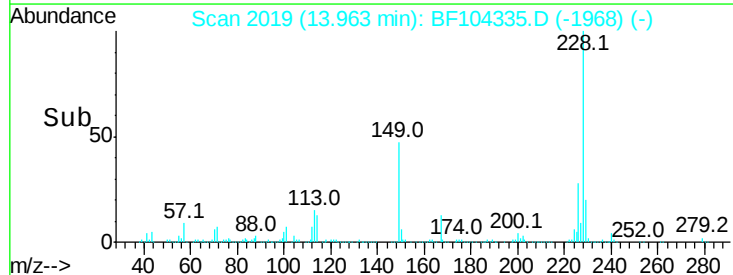
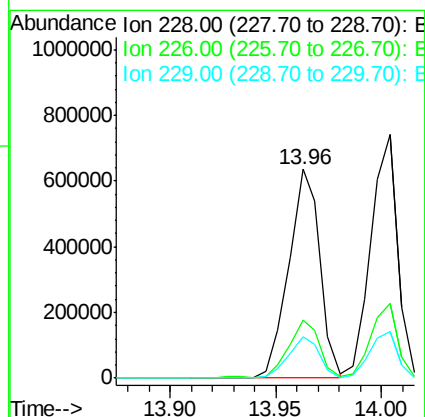
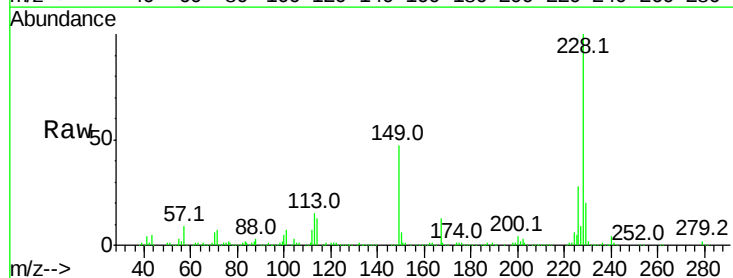
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

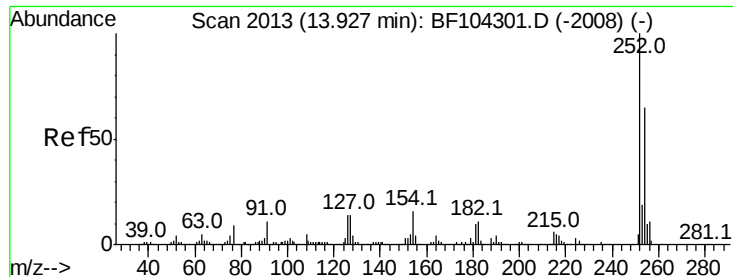
Tot Ion:149 Resp: 393250
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.8 85.2
 206 18.7 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 42.351 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion:228 Resp: 652558
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.6 33.8
 229 19.7 15.8 23.6

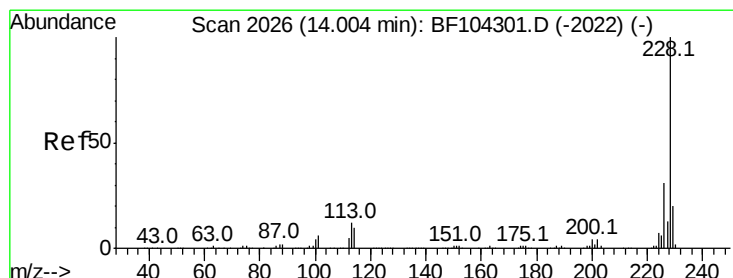
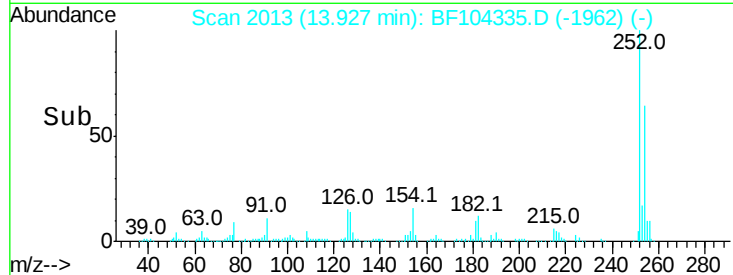
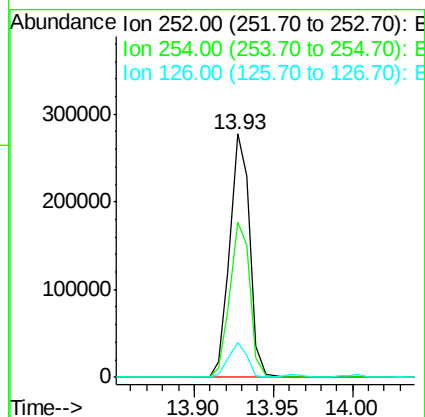
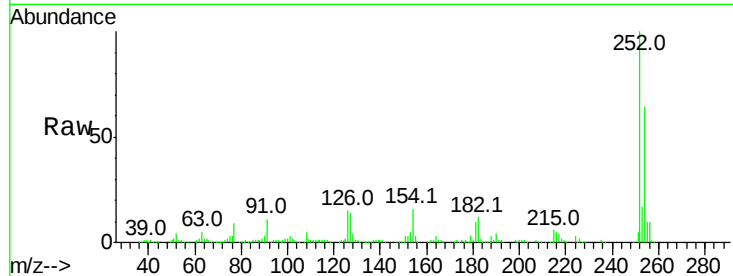




#81
 3,3'-Dichlorobenzidine
 Concen: 42.261 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

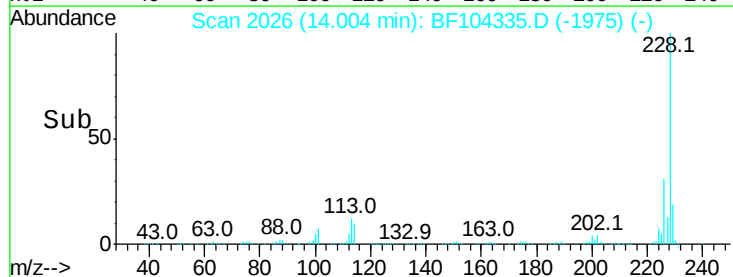
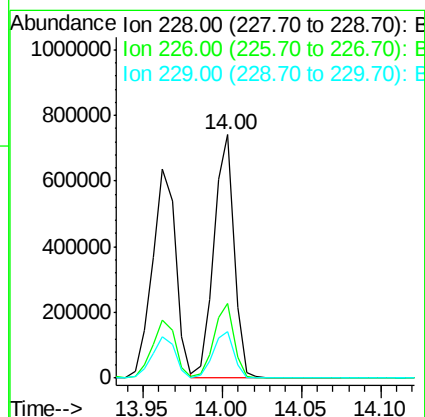
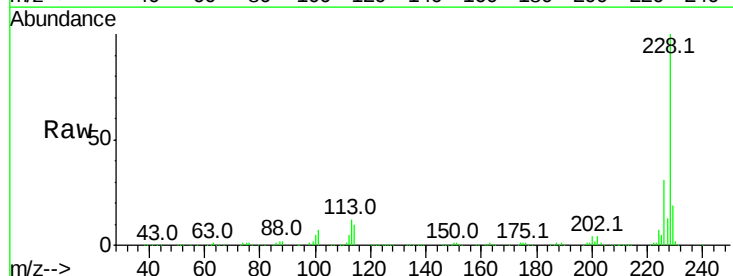
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	14.6	11.3	16.9



#82
 Chrysene
 Concen: 41.625 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.4	16.2	24.4

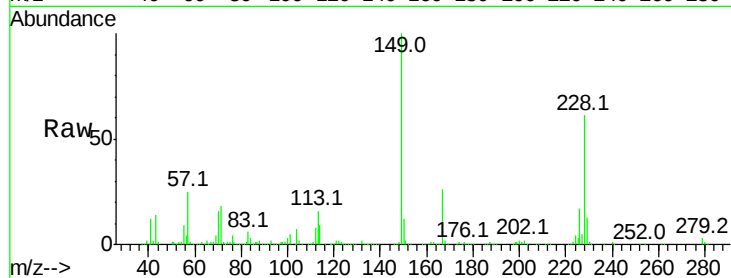




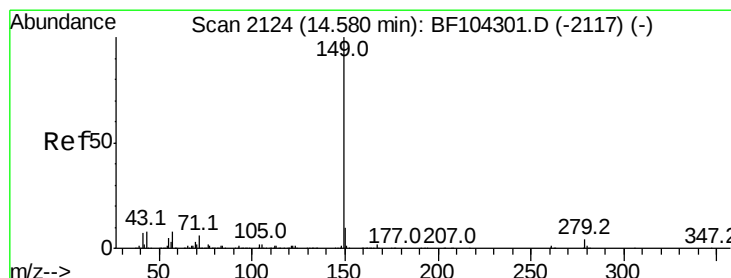
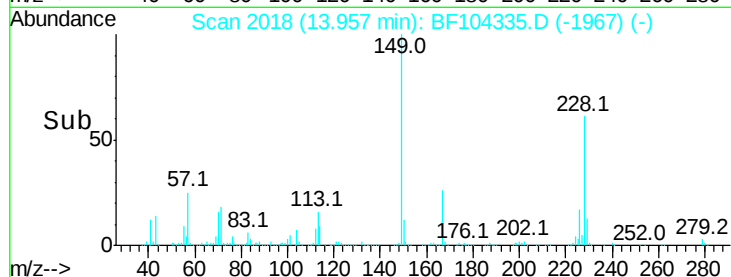
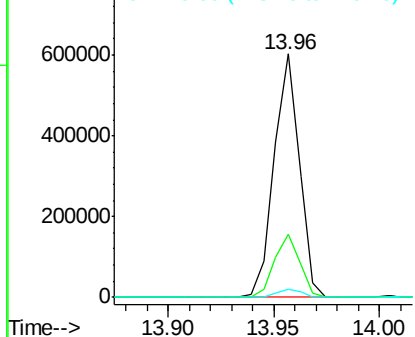
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.408 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.3	3.0	4.4

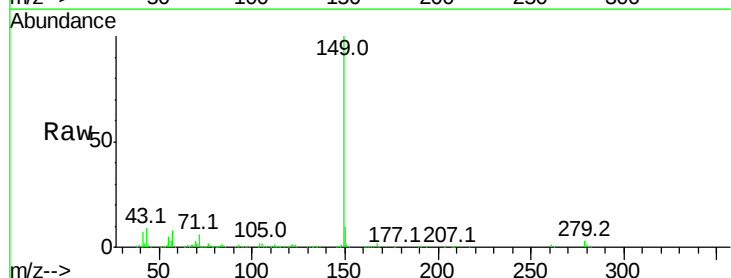


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

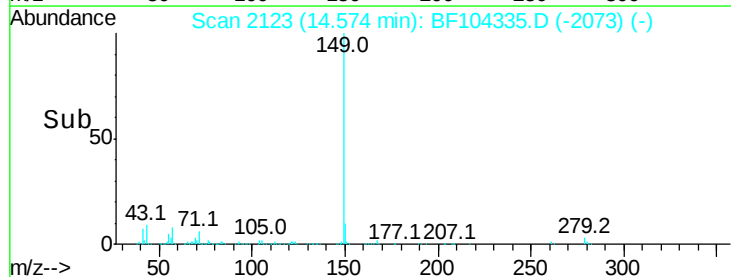
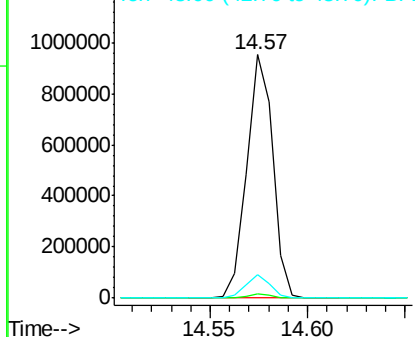


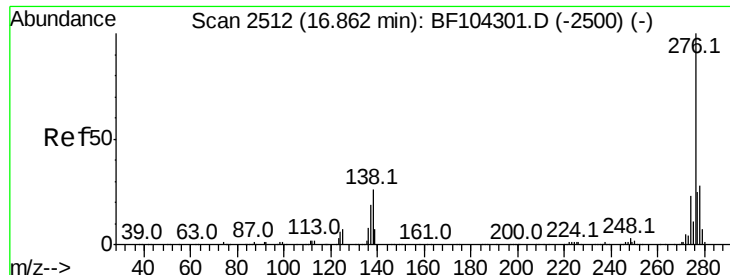
#84
 Di-n-octyl phthalate
 Concen: 45.597 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF104335.D
 Acq: 7 Apr 2018 4:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	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: 41.270 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

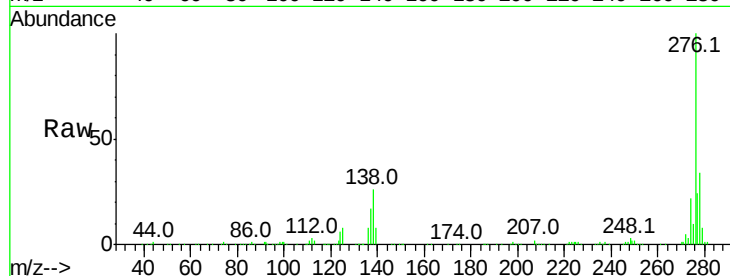
Tot Ion:276 Resp: 554853

Ion Ratio Lower Upper

276 100

138 29.9 25.0 37.6

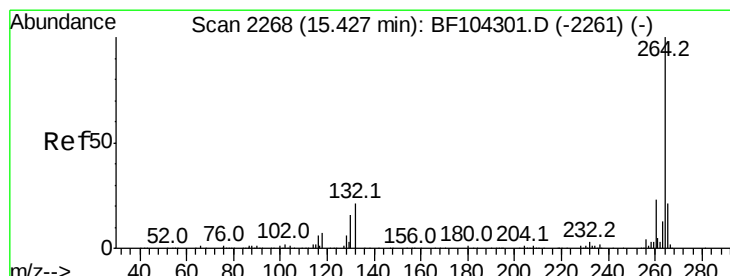
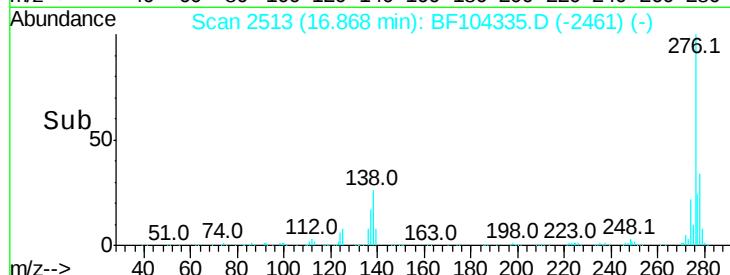
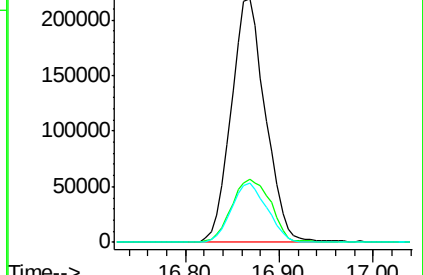
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

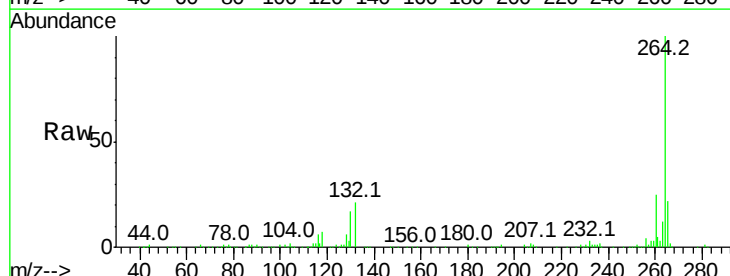
Tgt Ion:264 Resp: 241890

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

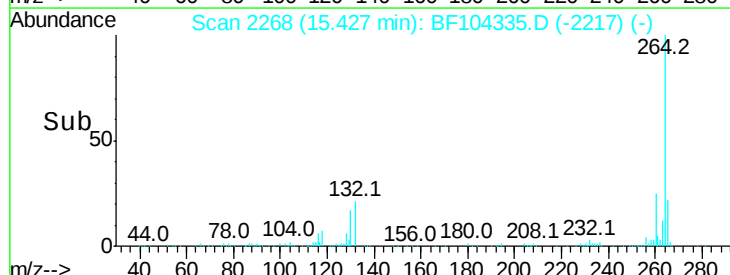
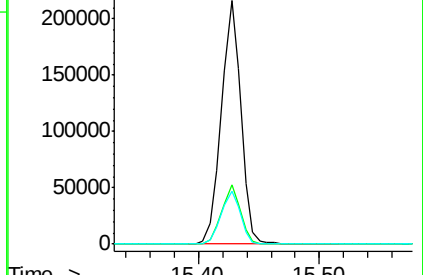
265 21.9 17.5 26.3

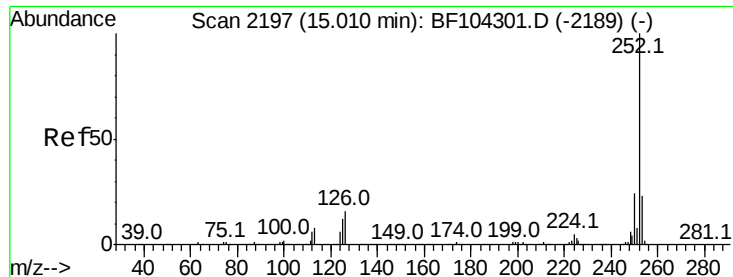


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

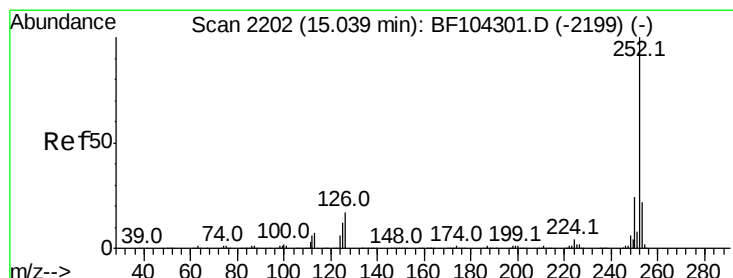
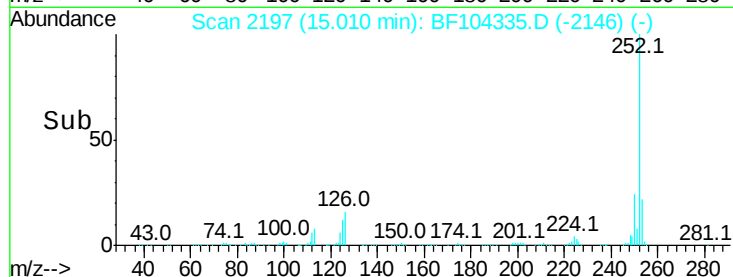
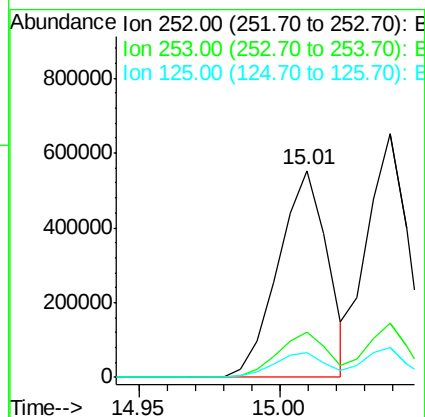
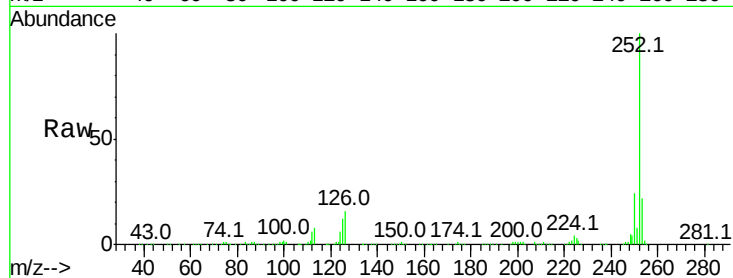




#87
Benzo(b)fluoranthene
Concen: 43.876 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

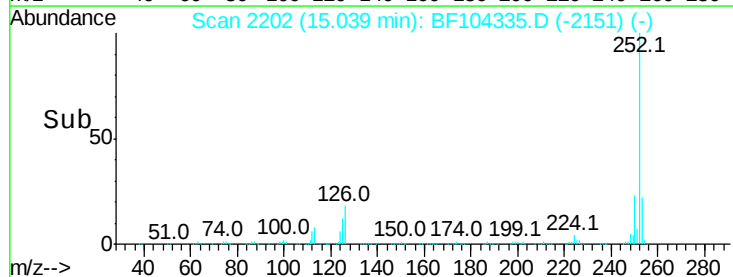
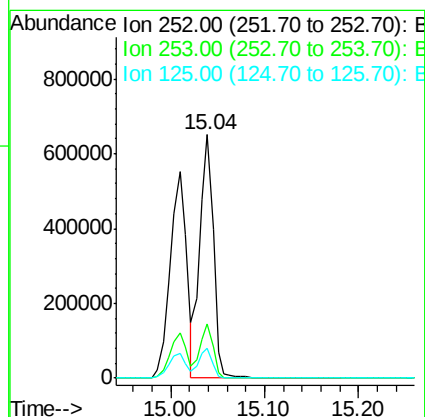
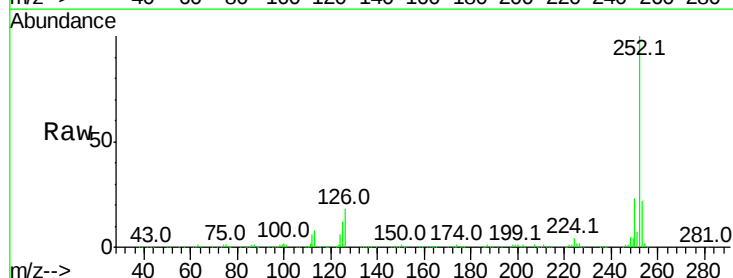
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

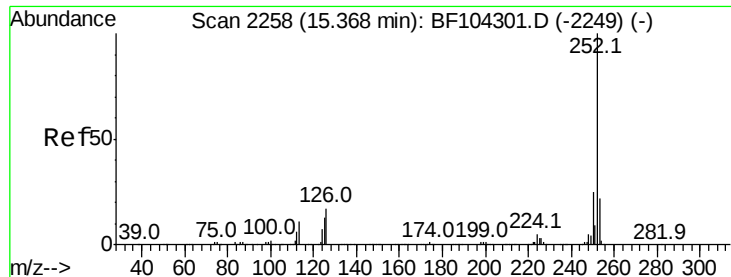
Tot Ion:252 Resp: 670302
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.300 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:252 Resp: 653365
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.5 10.2 15.2

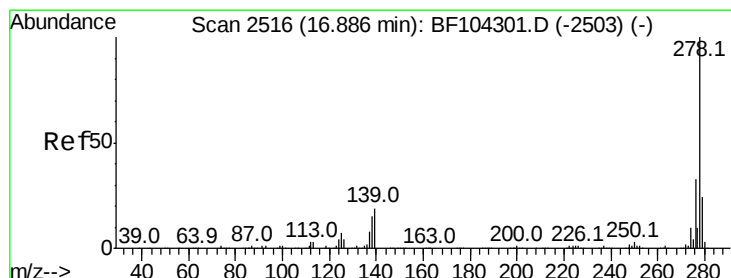
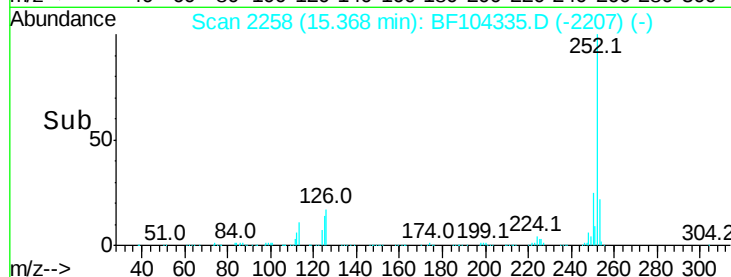
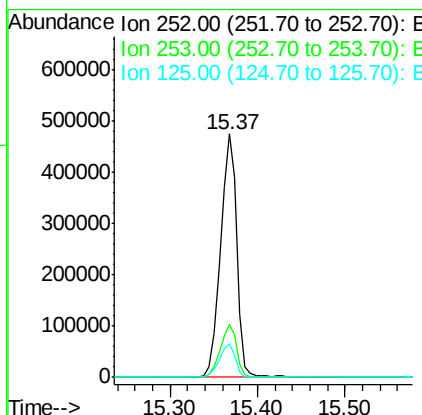
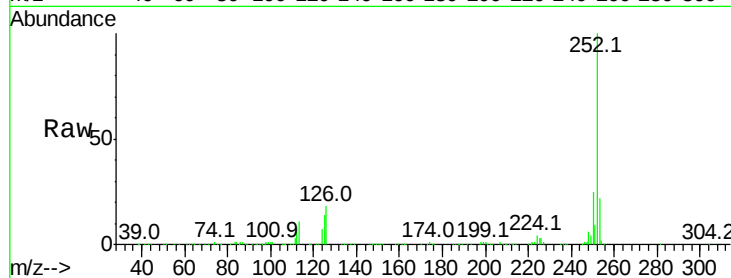




#89
Benzo(a)pyrene
Concen: 44.877 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

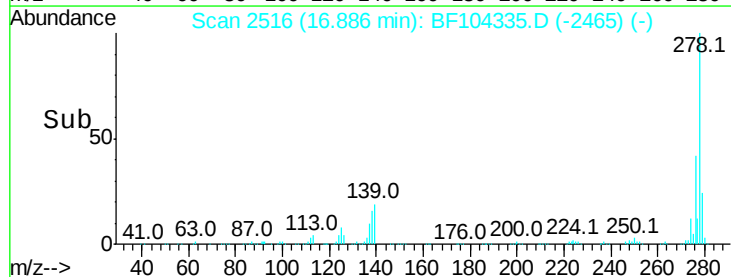
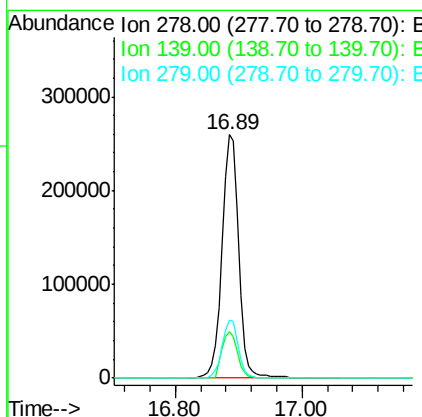
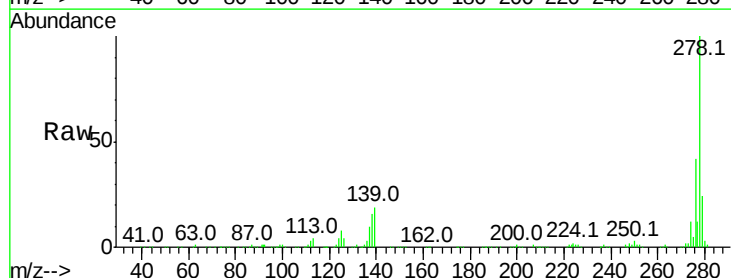
Instrument :
BNA_F
ClientSampleId :
PB108048BSD

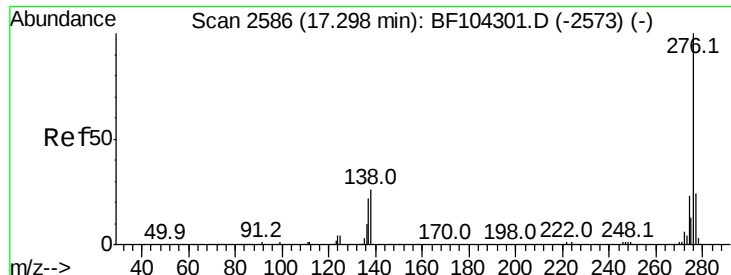
Tot Ion:252 Resp: 613445
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.429 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF104335.D
Acq: 7 Apr 2018 4:34

Tgt Ion:278 Resp: 476338
Ion Ratio Lower Upper
278 100
139 19.2 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.738 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF104335.D

Acq: 7 Apr 2018 4:34

Instrument :

BNA_F

ClientSampleId :

PB108048BSD

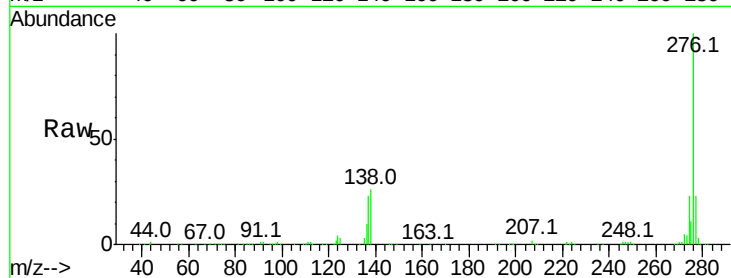
Tot Ion:276 Resp: 432224

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.6 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

