

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104857.D
 Acq On : 27 Apr 2018 2:57
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:06:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129540	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	543192	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	241647	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	390732	20.00	ng	0.00
75) Chrysene-d12	13.99	240	276176	20.00	ng	0.00
86) Perylene-d12	15.46	264	246001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	614114	72.49	ng	0.00
7) Phenol-d6	6.45	99	761859	73.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	694486	83.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	177892	70.97	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1173969	76.75	ng	0.00
78) Terphenyl-d14	12.92	244	904047	74.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	133602	33.844	ng	# 86
3) Pyridine	3.20	79	380415	34.275	ng	86
4) n-Nitrosodimethylamine	3.18	42	127528	32.870	ng	# 82
6) Aniline	6.47	93	504031	34.853	ng	98
8) 2-Chlorophenol	6.59	128	343506	38.416	ng	91
9) Benzaldehyde	6.35	77	192330	35.069	ng	98
10) Phenol	6.46	94	415633	37.632	ng	# 66
11) bis(2-Chloroethyl)ether	6.54	93	325943	36.982	ng	94
12) 1,3-Dichlorobenzene	6.74	146	384701	37.976	ng	98
13) 1,4-Dichlorobenzene	6.82	146	385568	38.183	ng	98
14) 1,2-Dichlorobenzene	6.97	146	359872	38.457	ng	98
15) Benzyl Alcohol	6.95	79	279036	35.294	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	371852	31.416	ng	80
17) 2-Methylphenol	7.06	107	295335	37.996	ng	94
18) Hexachloroethane	7.31	117	99802	27.720	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	221333	32.539	ng	93
20) 3+4-Methylphenols	7.22	107	356598	36.992	ng	# 72
22) Acetophenone	7.22	105	478240	35.761	ng	97
24) Nitrobenzene	7.39	77	366740	39.931	ng	98
25) Isophorone	7.63	82	606815	34.496	ng	99
26) 2-Nitrophenol	7.70	139	171842	45.960	ng	96
27) 2,4-Dimethylphenol	7.75	122	265981	34.261	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	376717	35.026	ng	97
29) 2,4-Dichlorophenol	7.95	162	279452	37.726	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	308069	37.896	ng	98
31) Naphthalene	8.11	128	997659	36.885	ng	99
32) Benzoic acid	7.89	122	167066	26.971	ng	97
33) 4-Chloroaniline	8.16	127	434804	37.522	ng	97
34) Hexachlorobutadiene	8.22	225	168531	37.848	ng	100
35) Caprolactam	8.55	113	96628	37.393	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	300590	37.844	ng	99
37) 2-Methylnaphthalene	8.80	142	642472	36.721	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	280384	40.534	ng	98
40) Hexachlorocyclopentadiene	8.95	237	13024	3.363	ng	97

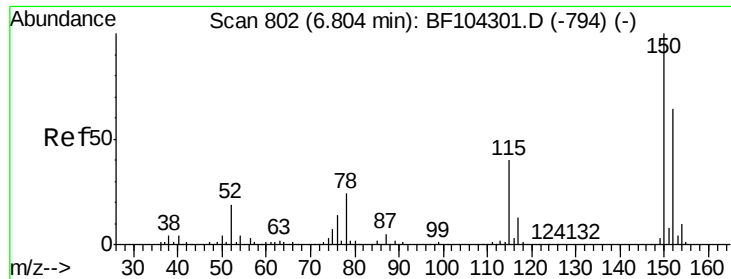
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104857.D
 Acq On : 27 Apr 2018 2:57
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:06:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185805	38.694	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	212762	39.595	nq	95
45) 1,1'-Biphenyl	9.27	154	776711	38.262	nq	98
46) 2-Chloronaphthalene	9.29	162	614884	38.348	nq	99
47) 2-Nitroaniline	9.40	65	191345	48.255	nq	89
48) Acenaphthylene	9.71	152	903925	35.931	nq	100
49) Dimethylphthalate	9.56	163	739558	38.810	nq	99
50) 2,6-Dinitrotoluene	9.64	165	154319	43.765	nq	# 86
51) Acenaphthene	9.88	154	530849	34.584	nq	100
52) 3-Nitroaniline	9.81	138	191322	46.348	nq	99
53) 2,4-Dinitrophenol	9.92	184	16041	20.051	nq	# 22
54) Dibenzofuran	10.05	168	737778	34.490	nq	97
55) 4-Nitrophenol	9.98	139	107396	33.120	nq	94
56) 2,4-Dinitrotoluene	10.05	165	180316	38.986	nq	94
57) Fluorene	10.40	166	603011	38.729	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138566	34.565	nq	95
59) Diethylphthalate	10.26	149	685181	36.104	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	282993	40.812	nq	93
61) 4-Nitroaniline	10.43	138	188622	46.733	nq	94
62) Azobenzene	10.55	77	593520	32.734	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	36664	23.665	nq	# 73
65) n-Nitrosodiphenylamine	10.50	169	538399	39.741	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	167575	40.320	nq	93
67) Hexachlorobenzene	10.95	284	184285	39.406	nq	# 90
68) Atrazine	11.03	200	148442	36.300	nq	100
69) Pentachlorophenol	11.15	266	83771	28.955	nq	98
70) Phenanthrene	11.36	178	790932	36.349	nq	99
71) Anthracene	11.42	178	801636	36.242	nq	99
72) Carbazole	11.57	167	762786	35.291	nq	99
73) Di-n-butylphthalate	11.89	149	978810	37.072	nq	99
74) Fluoranthene	12.55	202	743575	32.707	nq	99
76) Benzidine	12.68	184	404448	44.600	nq	98
77) Pyrene	12.78	202	755935	36.927	nq	99
79) Butylbenzylphthalate	13.39	149	351552	36.452	nq	100
80) Benzo(a)anthracene	13.97	228	656531	39.792	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	248272	40.358	nq	# 97
82) Chrysene	14.02	228	630344	37.195	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	471088	37.976	nq	99
84) Di-n-octyl phthalate	14.57	149	741128	35.756	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.93	276	521522	36.226	nq	96
87) Benzo(b)fluoranthene	15.03	252	589943	37.970	nq	100
88) Benzo(k)fluoranthene	15.06	252	589471	40.187	nq	99
89) Benzo(a)pyrene	15.40	252	536272	38.576	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	441948	38.708	nq	96
91) Benzo(g,h,i)perylene	17.37	276	418722	37.853	nq	94

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

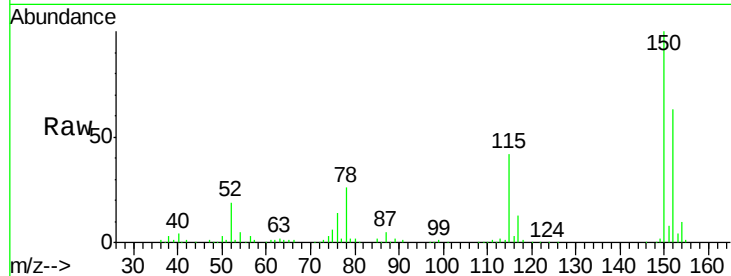


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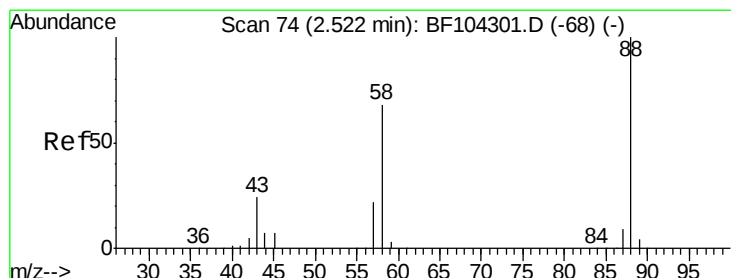
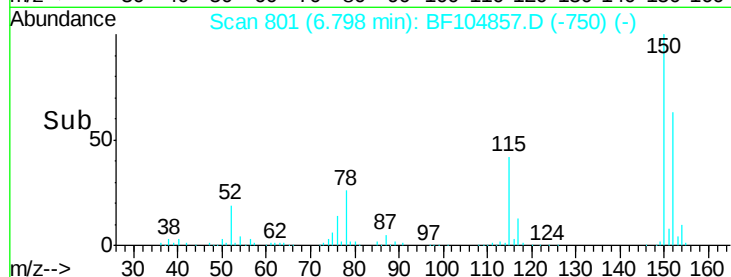
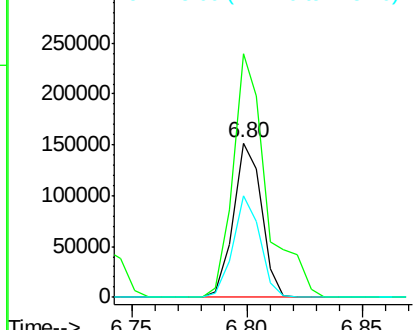
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129540
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 65.8 50.1 75.1



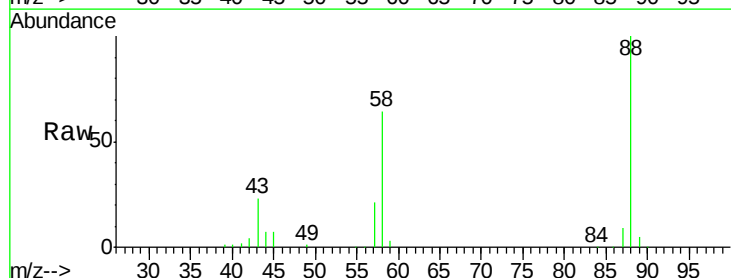
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



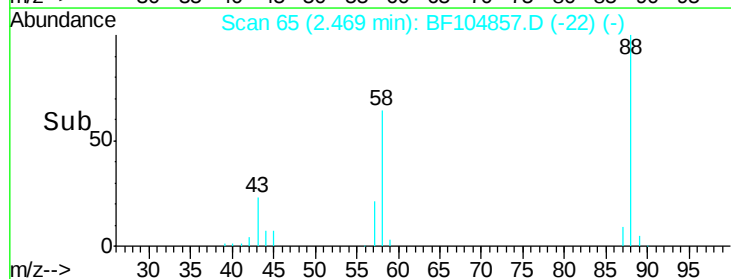
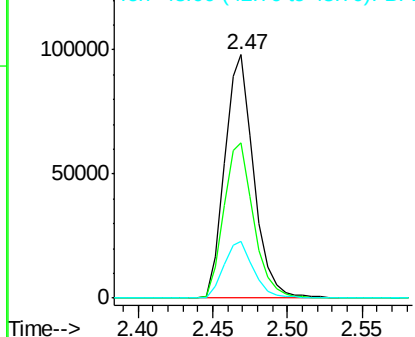
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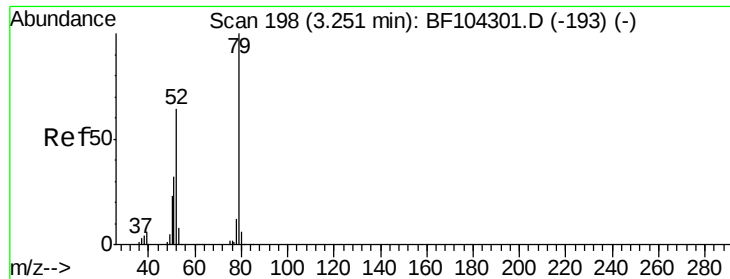
1,4-Dioxane
Concen: 33.844 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.05 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion: 88 Resp: 133602
Ion Ratio Lower Upper
88 100
58 65.5 62.6 93.8
43 24.0 24.6 37.0#



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





#3

Pvridine

Concen: 34.275 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.05 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampled :

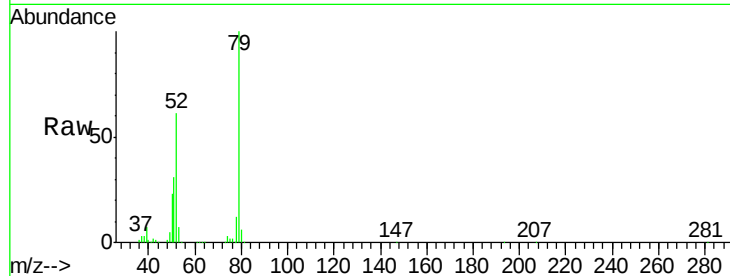
Tot Ion: 79 Resp: 380415

Ion Ratio Lower Upper

79 100

52 60.9 59.8 89.6

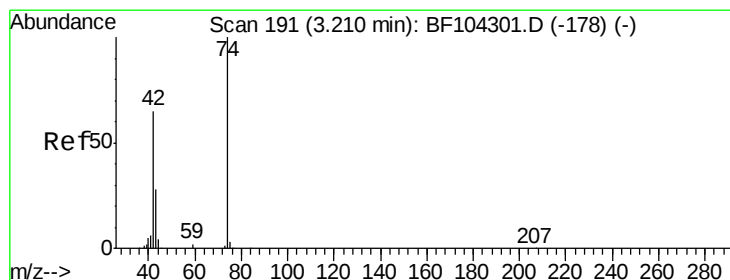
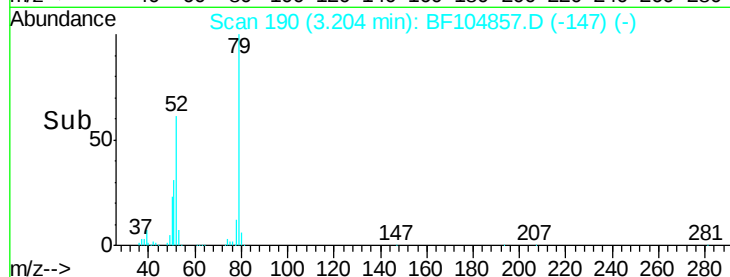
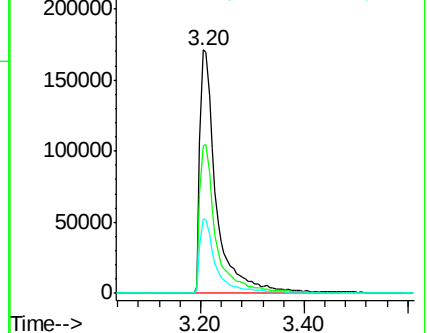
51 30.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.870 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.04 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

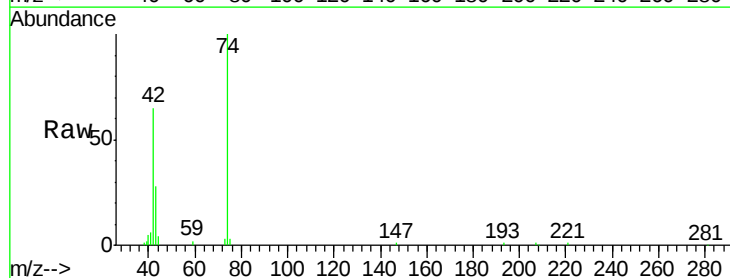
Tgt Ion: 42 Resp: 127528

Ion Ratio Lower Upper

42 100

74 153.3 104.9 157.3

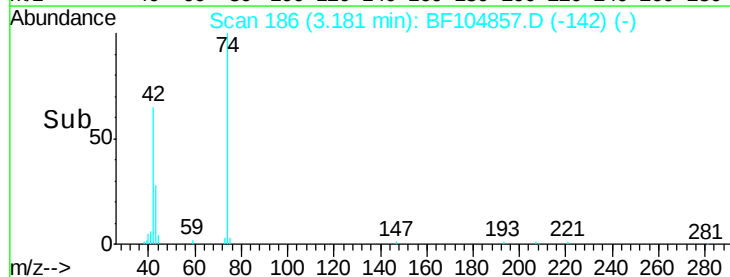
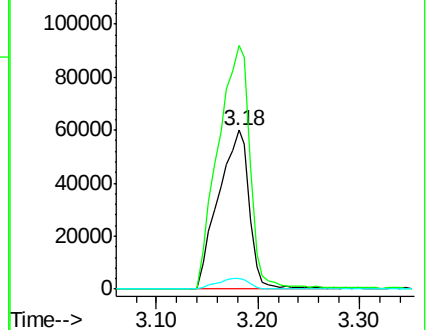
44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

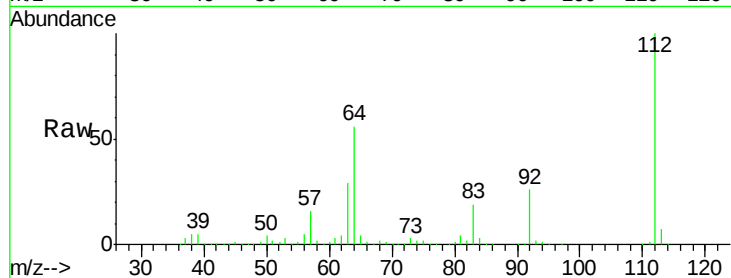




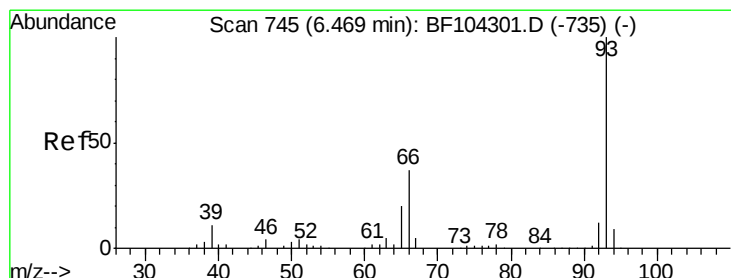
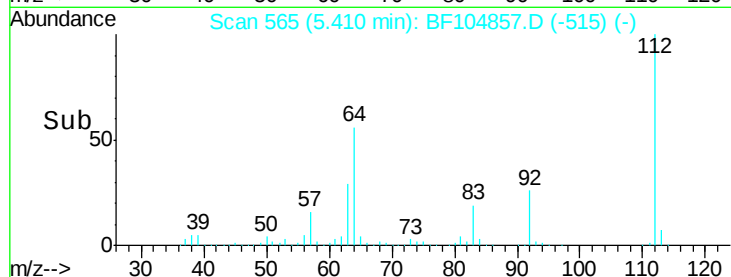
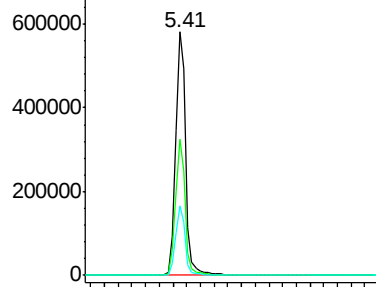
#5
 2-Fluorophenol
 Concen: 72.488 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 614114
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.9 71.9
 63 28.6 23.7 35.5

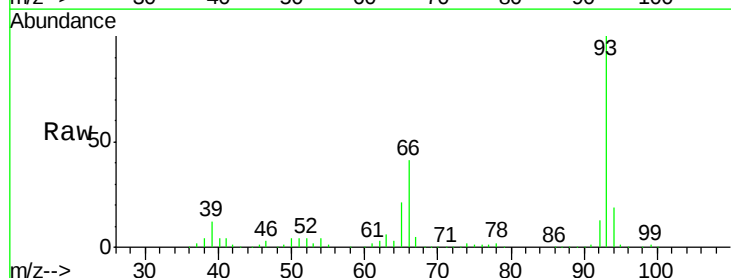


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

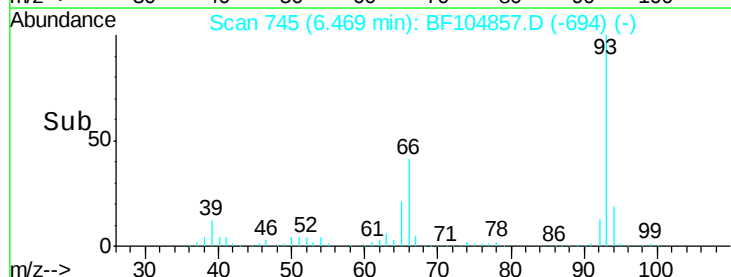
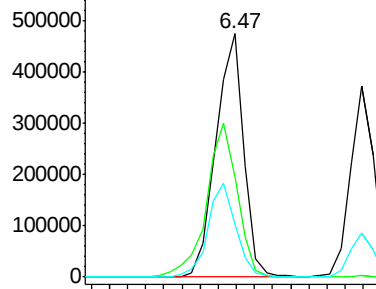


#6
 Aniline
 Concen: 34.853 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion: 93 Resp: 504031
 Ion Ratio Lower Upper
 93 100
 66 41.1 32.2 48.2
 65 21.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.191 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

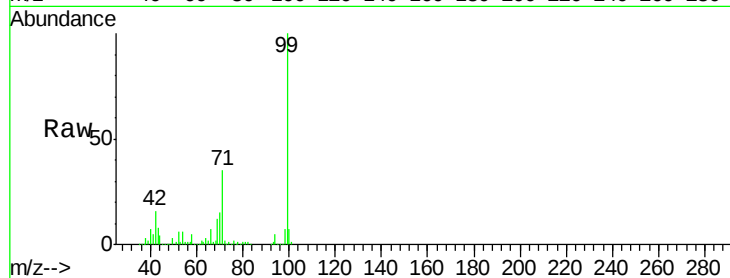
Tot Ion: 99 Resp: 761859

Ion Ratio Lower Upper

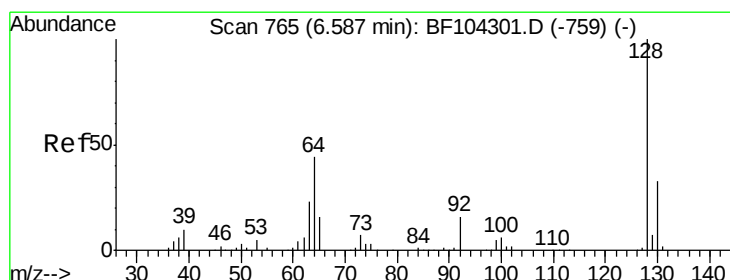
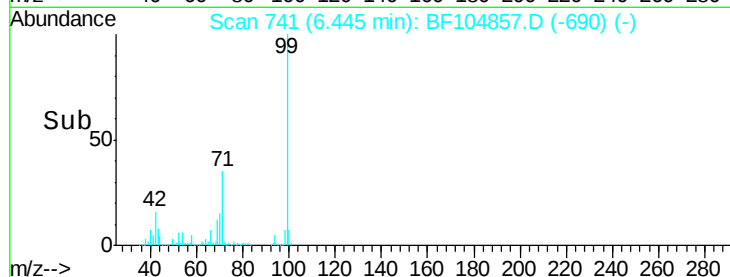
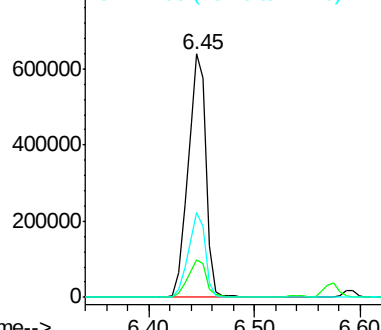
99 100

42 15.7 14.5 21.7

71 34.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.416 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

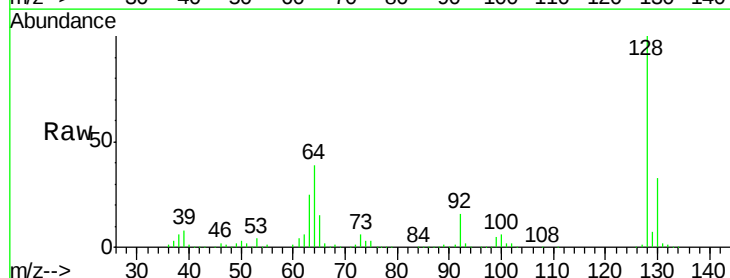
Tgt Ion: 128 Resp: 343506

Ion Ratio Lower Upper

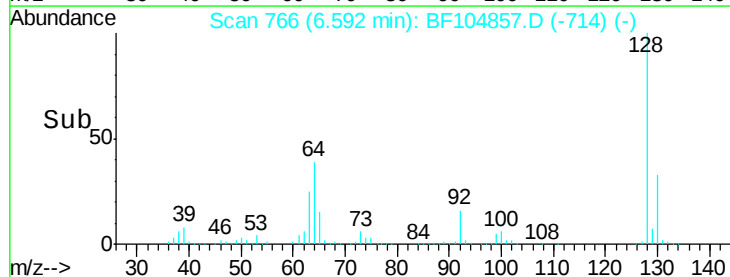
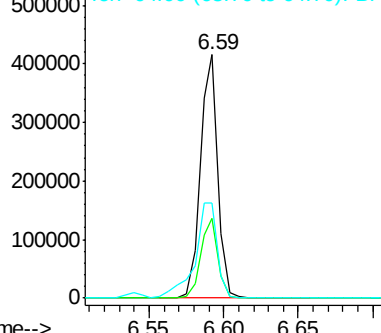
128 100

130 32.8 13.0 53.0

64 39.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

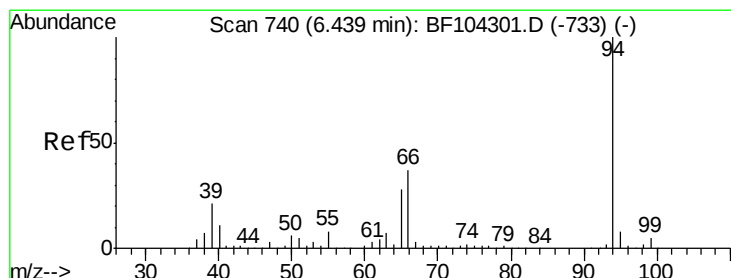
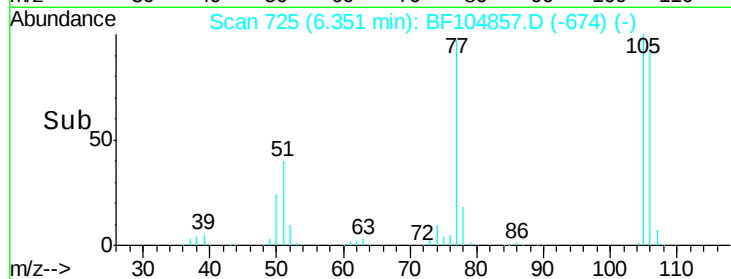
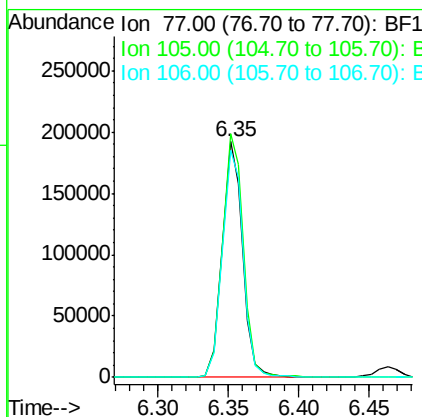
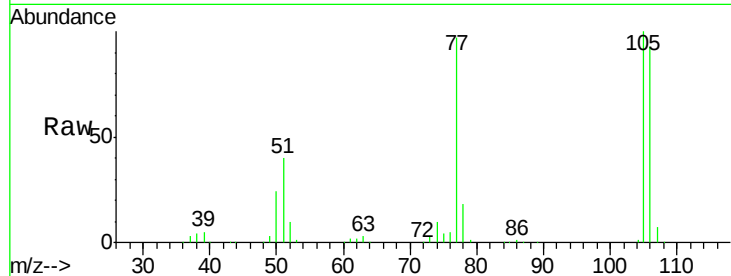




#9
Benzaldehyde
Concen: 35.069 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

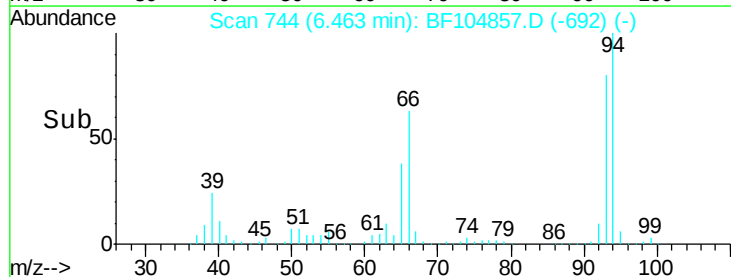
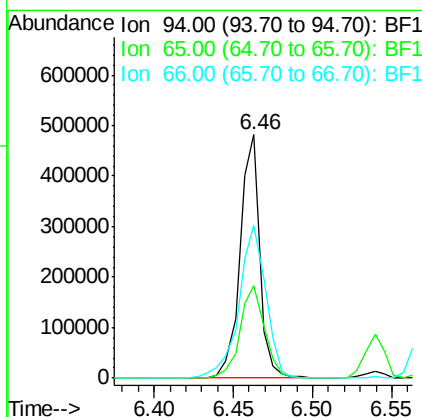
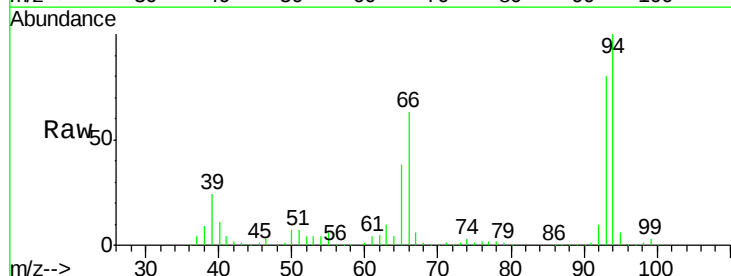
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 192330
Ion Ratio Lower Upper
77 100
105 103.5 81.1 121.1
106 96.7 74.5 114.5



#10
Phenol
Concen: 37.632 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion: 94 Resp: 415633
Ion Ratio Lower Upper
94 100
65 38.2 7.9 47.9
66 62.6 16.2 56.2#

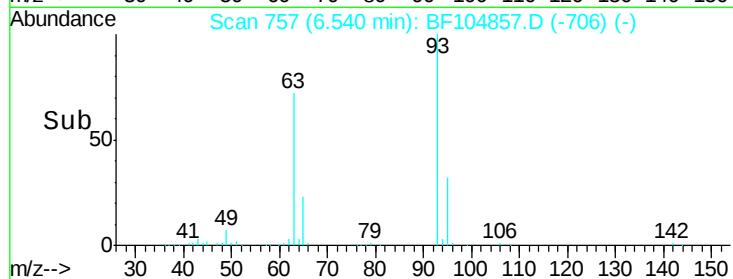
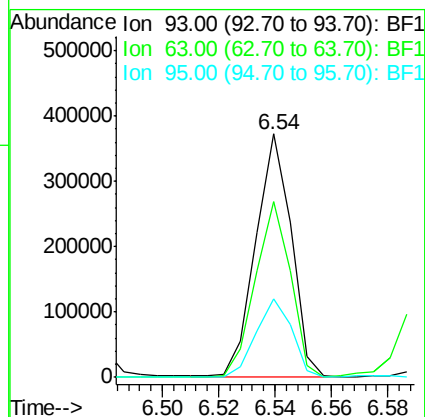
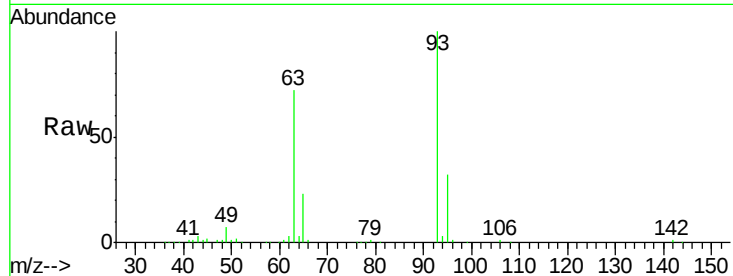




#11
bis(2-Chloroethyl)ether
Concen: 36.982 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

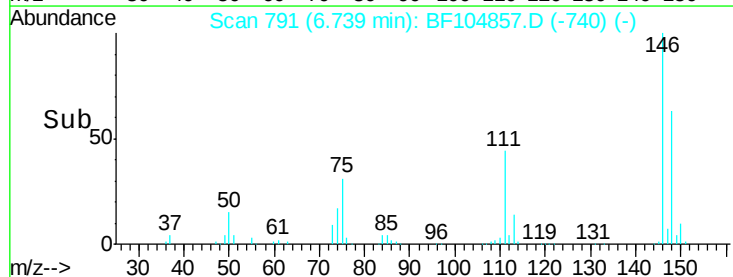
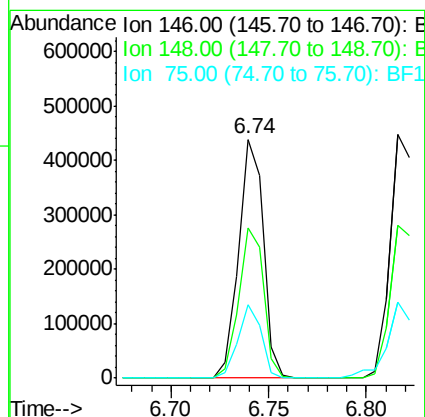
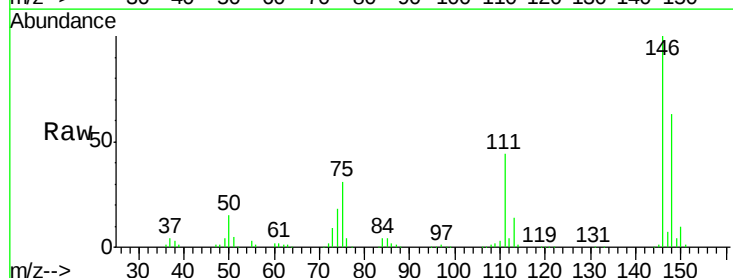
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.6	98.6
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.976 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	30.9	24.2	36.4

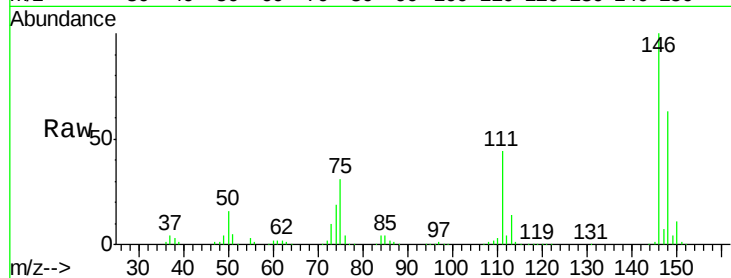




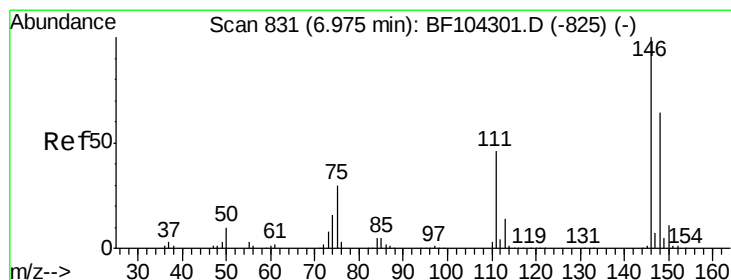
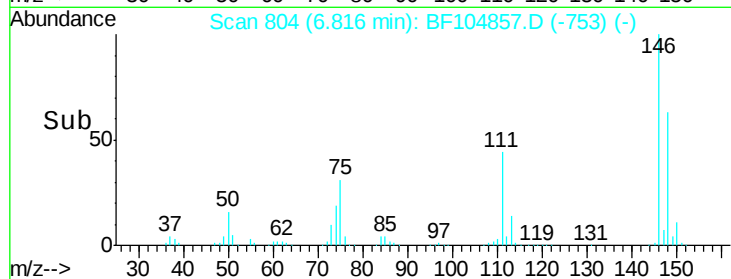
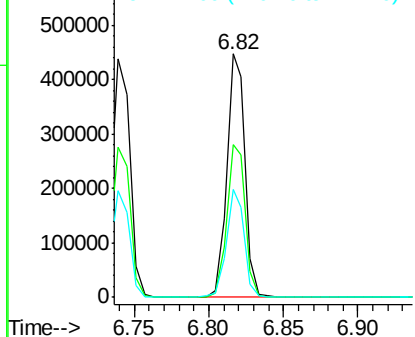
#13
 1,4-Dichlorobenzene
 Concen: 38.183 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 385568
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 44.2 34.2 51.2

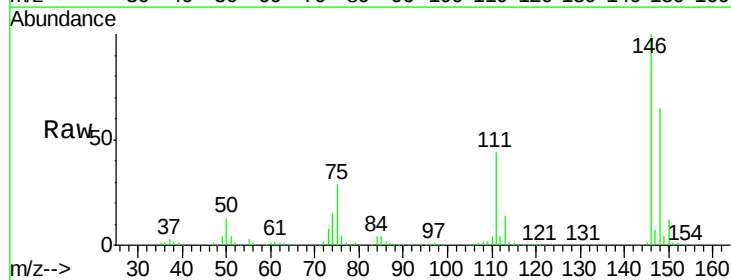


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

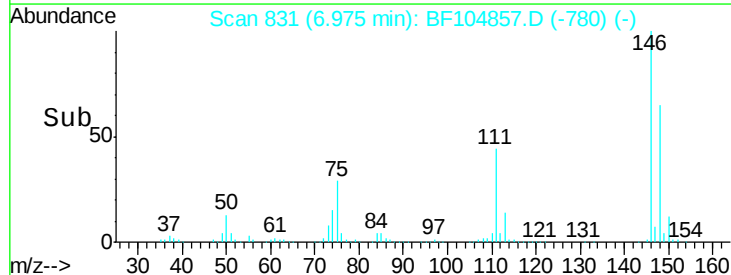
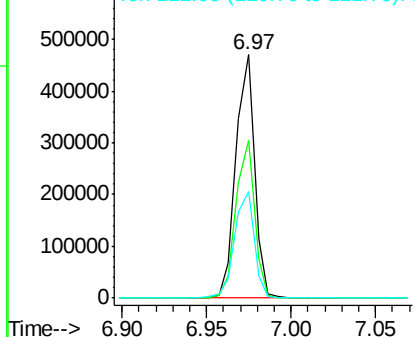


#14
 1,2-Dichlorobenzene
 Concen: 38.457 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:146 Resp: 359872
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 43.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.294 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampled :

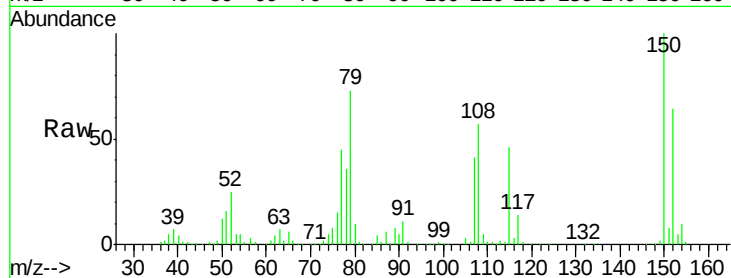
Tot Ion: 79 Resp: 279036

Ion Ratio Lower Upper

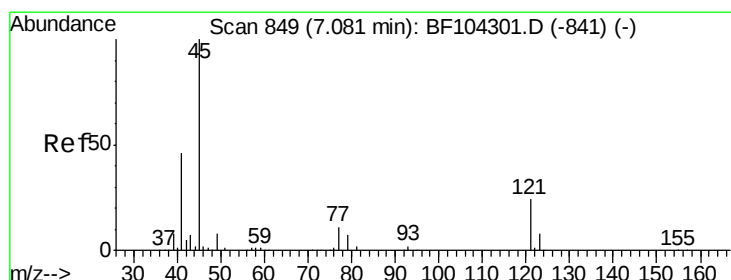
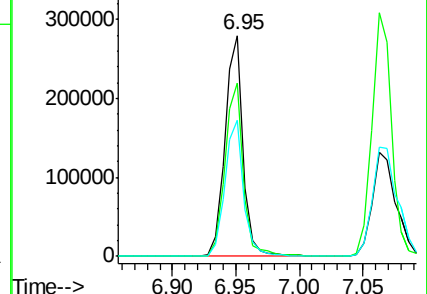
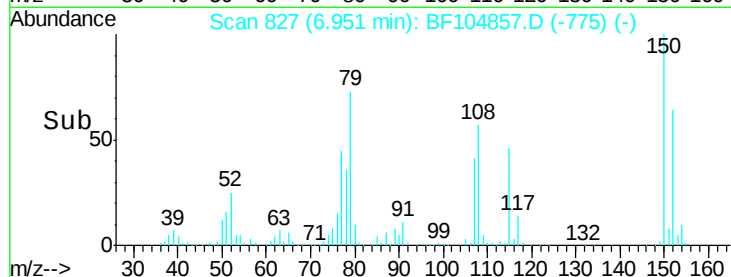
79 100

108 78.2 65.1 97.7

77 61.6 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.416 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

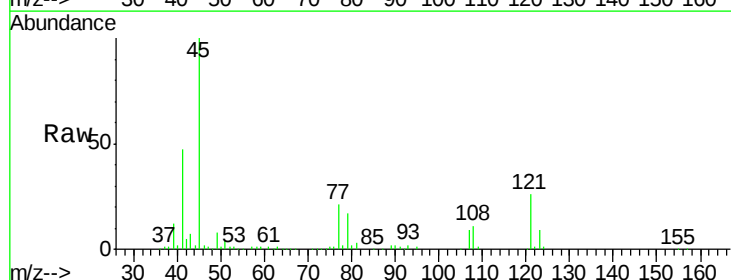
Tgt Ion: 45 Resp: 371852

Ion Ratio Lower Upper

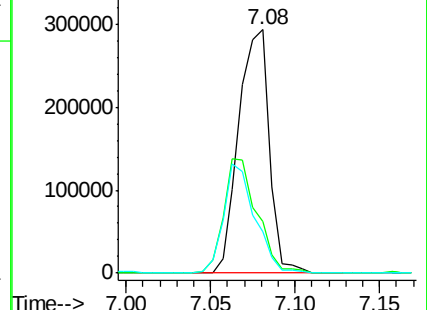
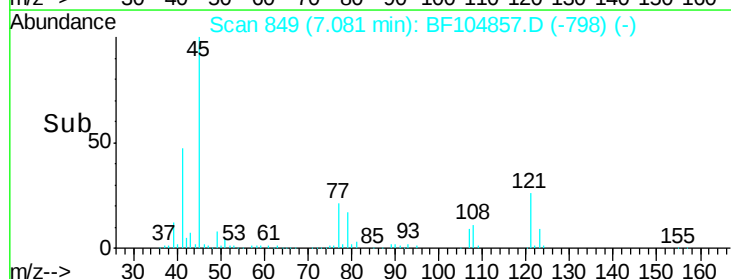
45 100

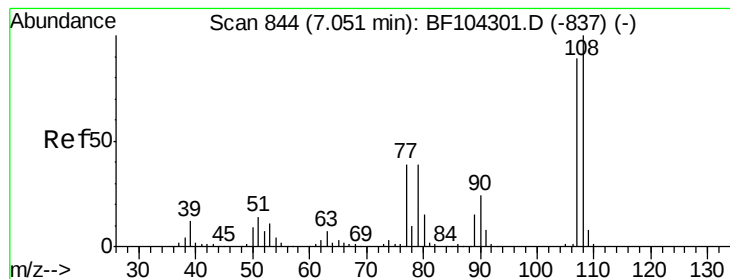
77 21.0 0.0 32.9

79 16.9 0.0 29.6



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

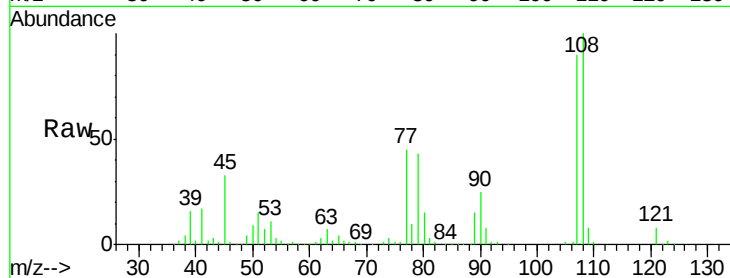




#17
2-Methylphenol
Concen: 37.996 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	49.5	33.8	50.8
79	47.5	33.8	50.8



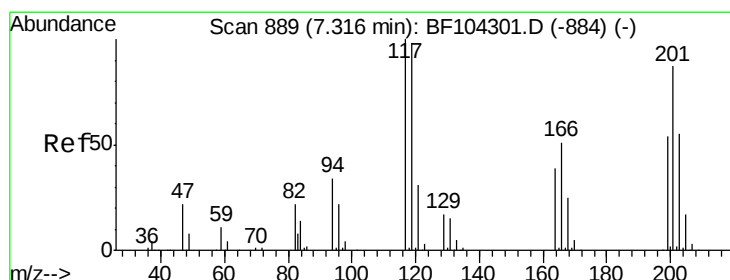
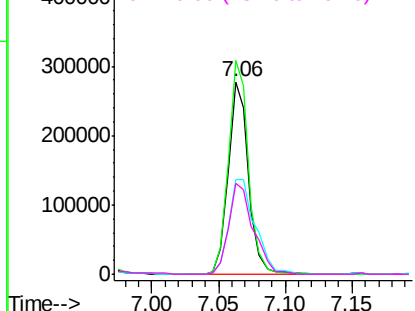
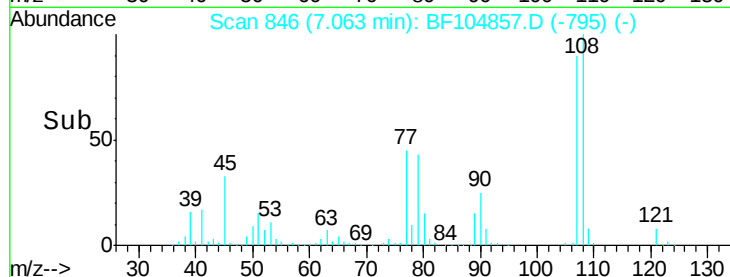
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

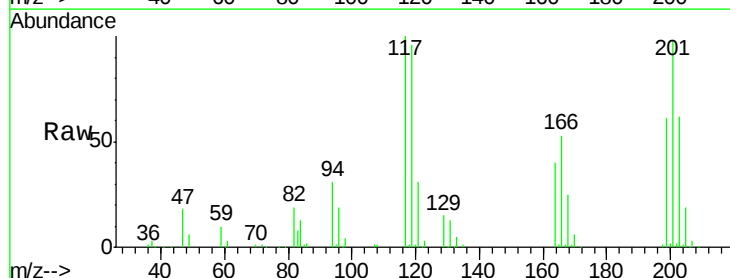
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 27.720 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	98.1	75.7	113.5

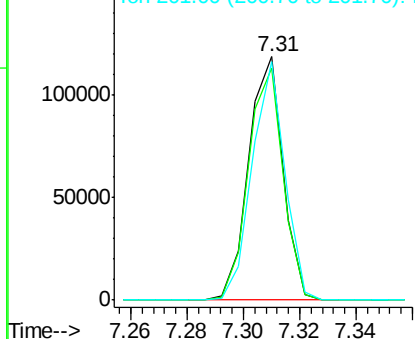
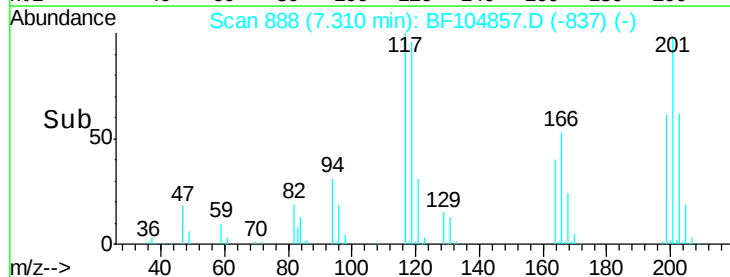


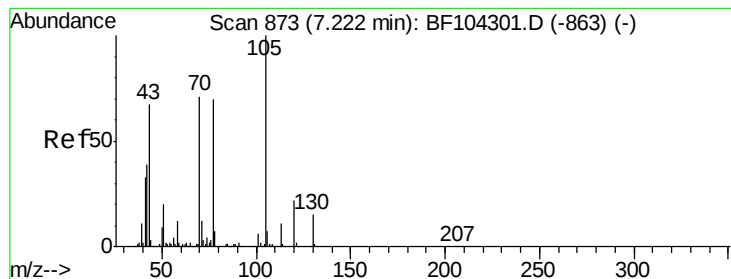
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.539 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 221333

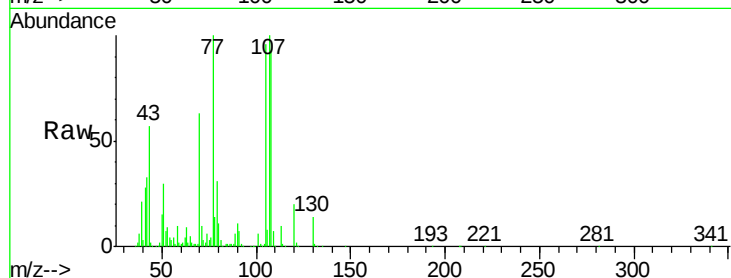
Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	9.9	7.4	11.2
130	22.0	16.6	25.0

70 100

42 51.9 47.5 71.3

101 9.9 7.4 11.2

130 22.0 16.6 25.0



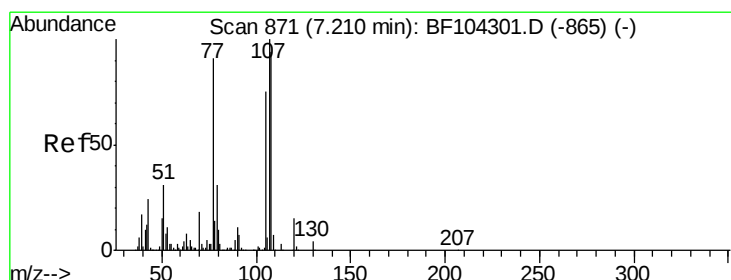
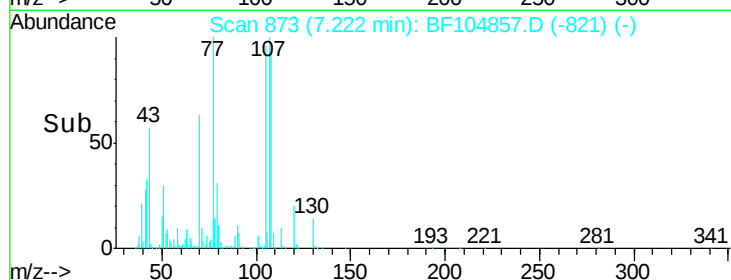
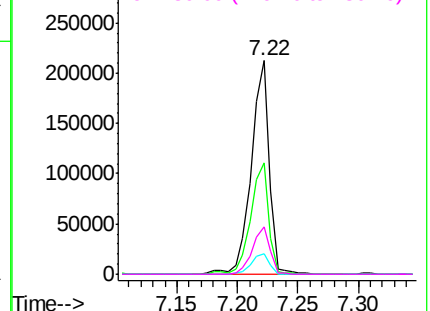
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 36.992 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Tgt Ion: 107 Resp: 356598

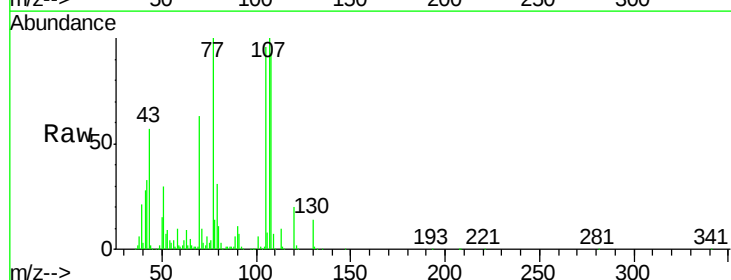
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	100.3	26.7	66.7#
79	31.1	6.3	46.3

107 100

108 93.5 68.2 108.2

77 100.3 26.7 66.7#

79 31.1 6.3 46.3



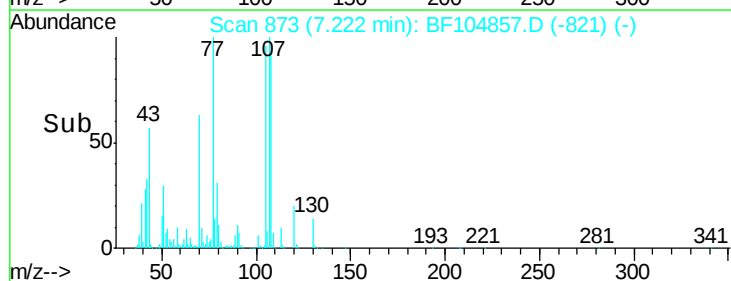
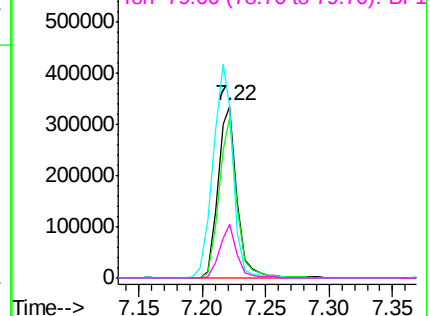
Abundance

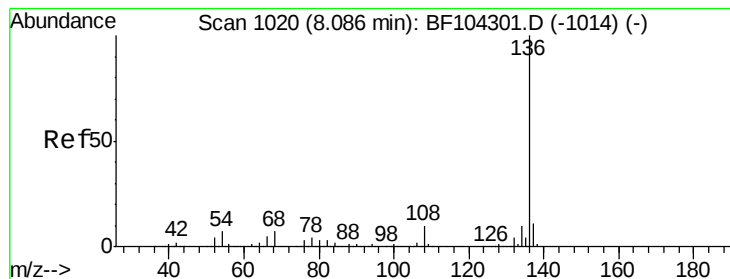
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 543192

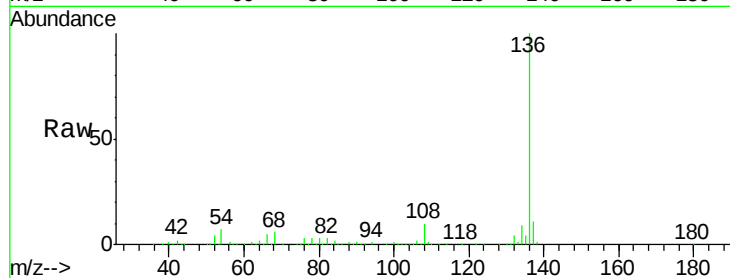
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

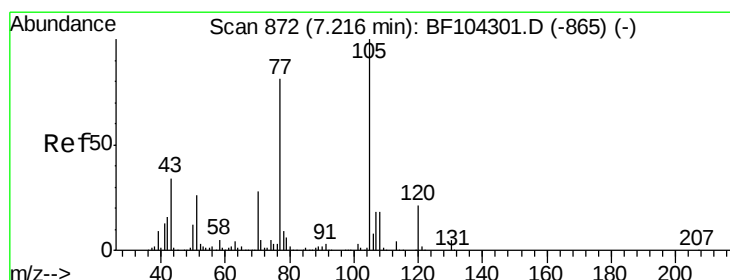
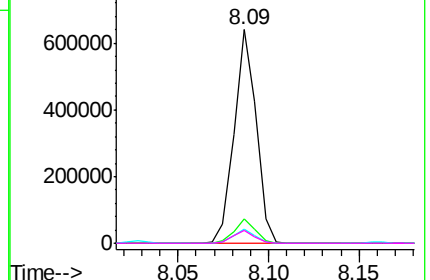
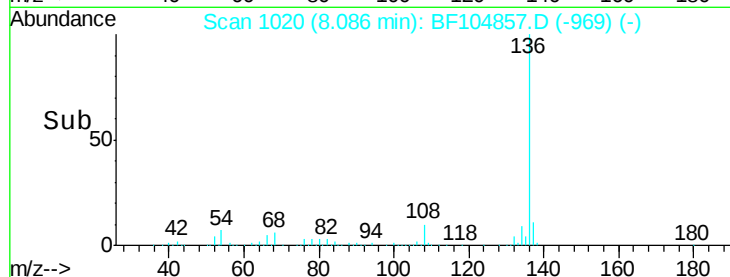


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.761 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Tgt Ion:105 Resp: 478240

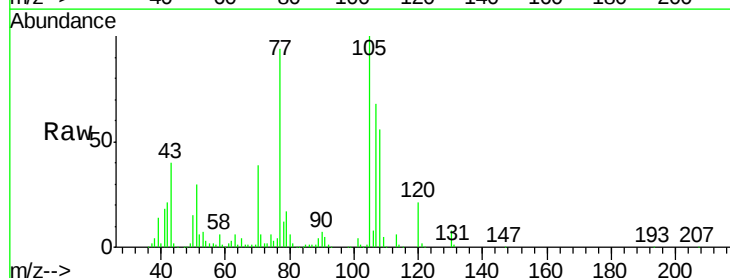
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 30.2 22.3 33.5

120 20.8 16.9 25.3

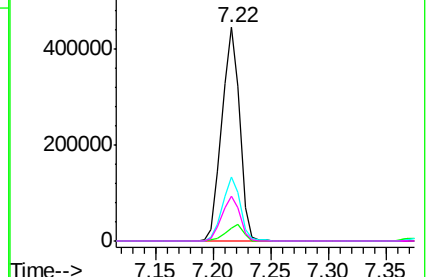
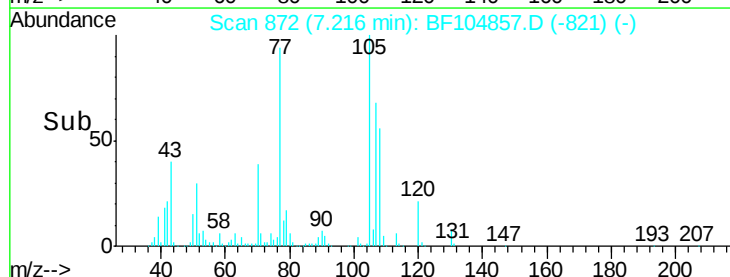


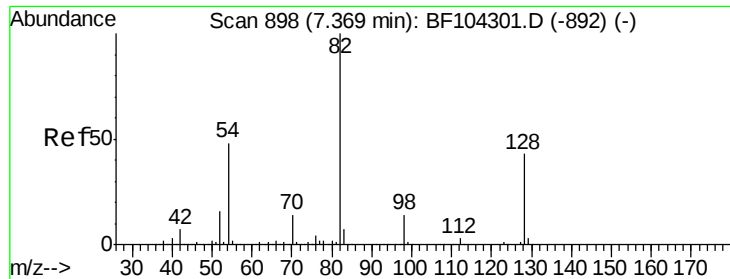
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

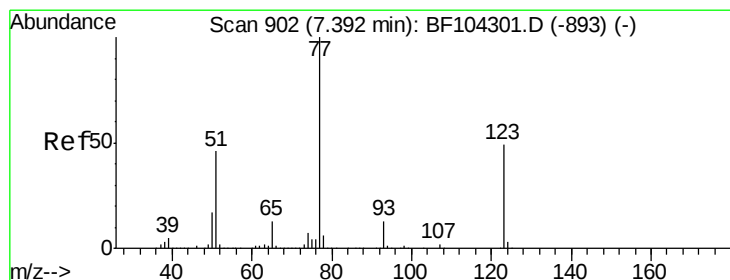
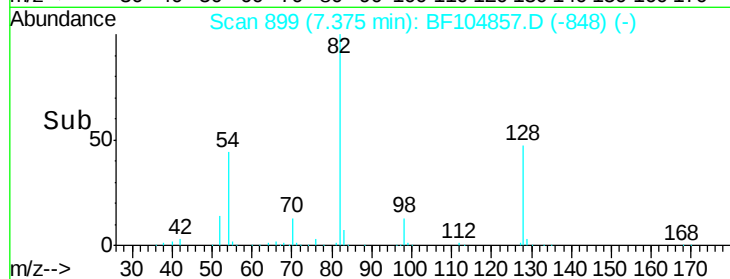
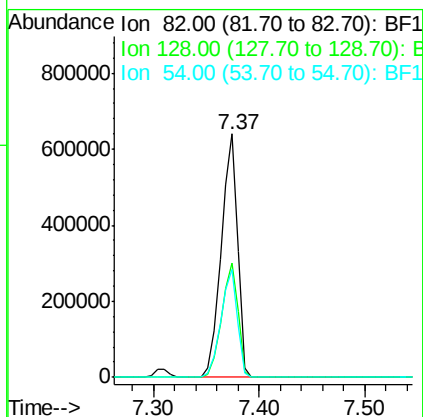
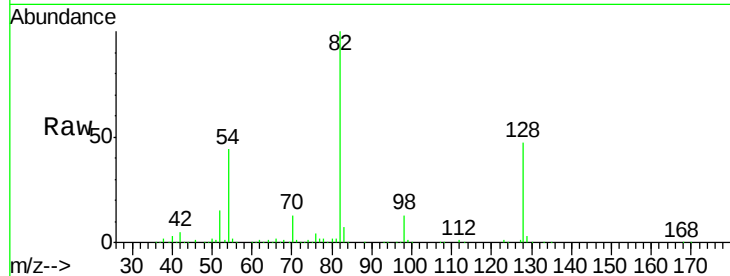




#23
 Nitrobenzene-d5
 Concen: 83.485 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

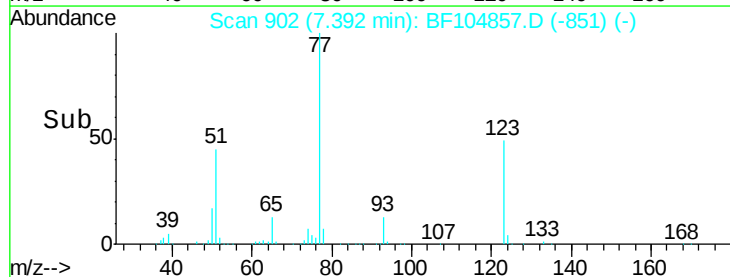
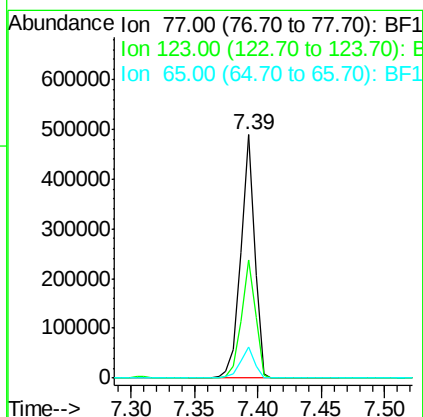
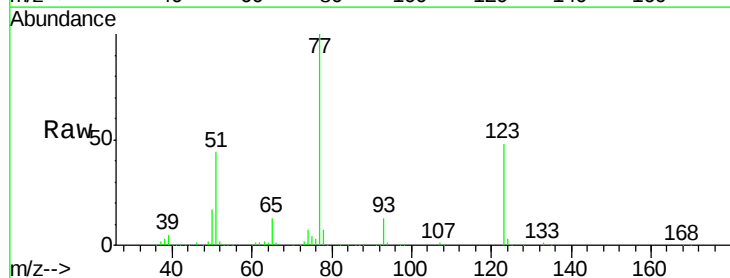
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 694486
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.931 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion: 77 Resp: 366740
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 34.496 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

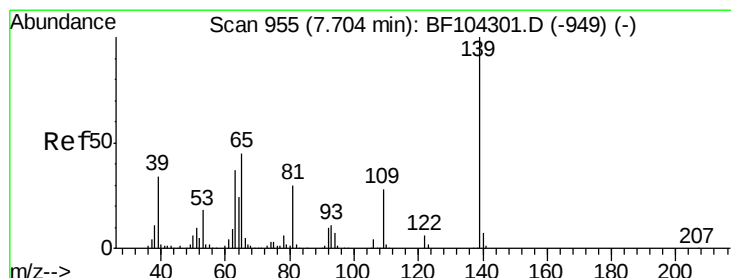
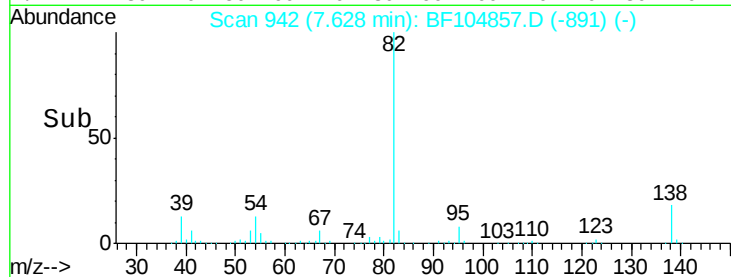
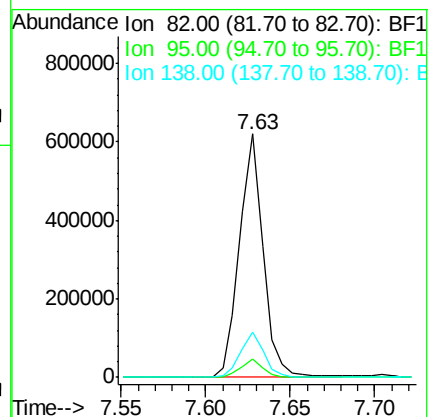
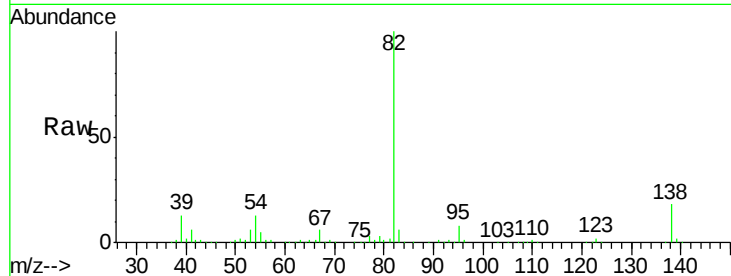
Tot Ion: 82 Resp: 606815

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 45.960 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

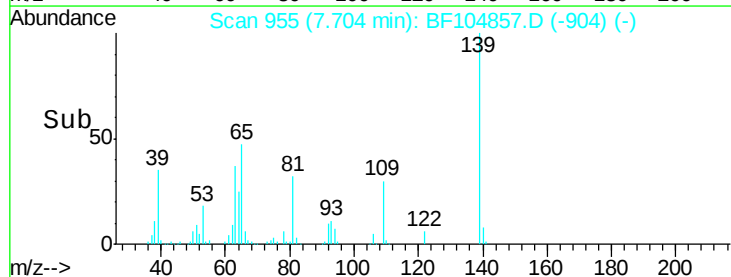
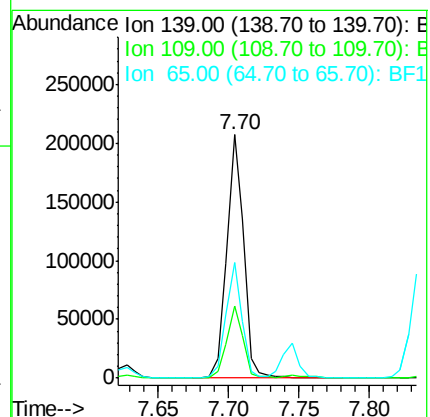
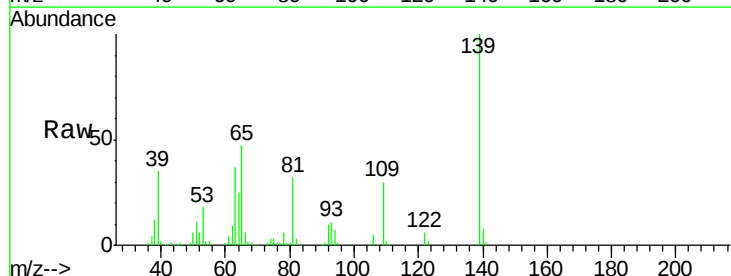
Tgt Ion: 139 Resp: 171842

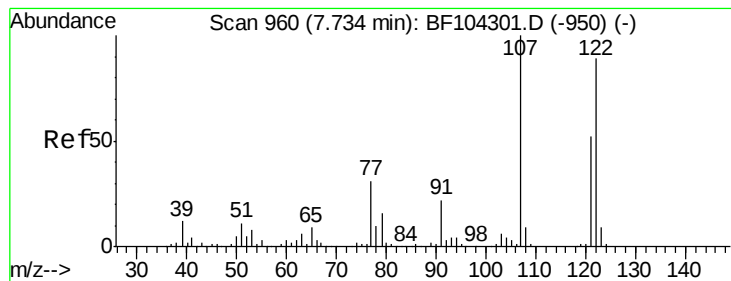
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 47.3 40.5 60.7

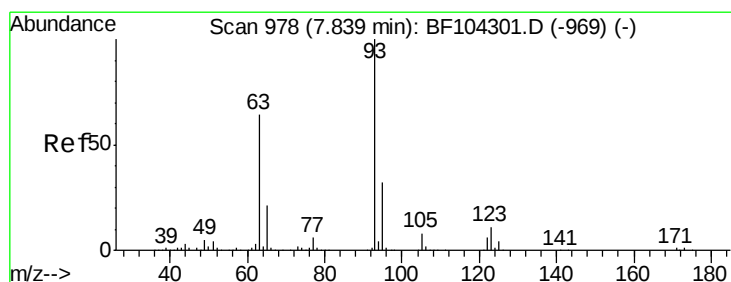
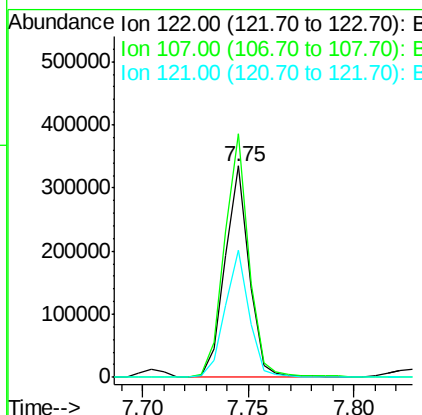
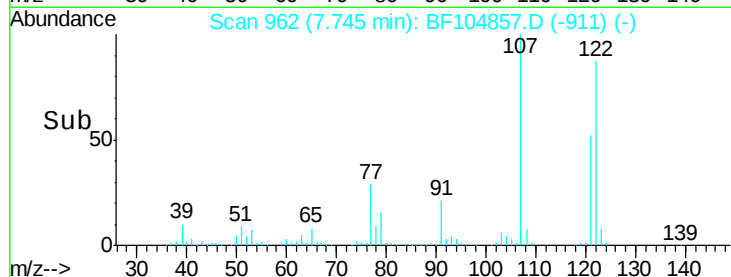
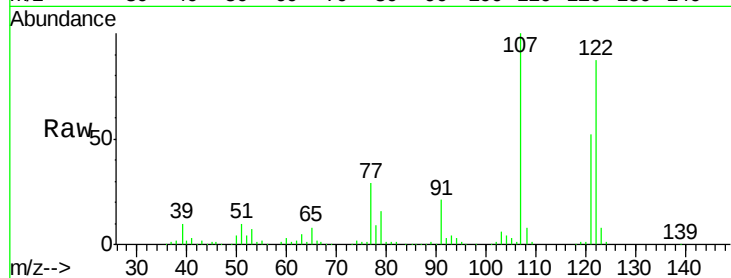




#27
 2,4-Dimethylphenol
 Concen: 34.261 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

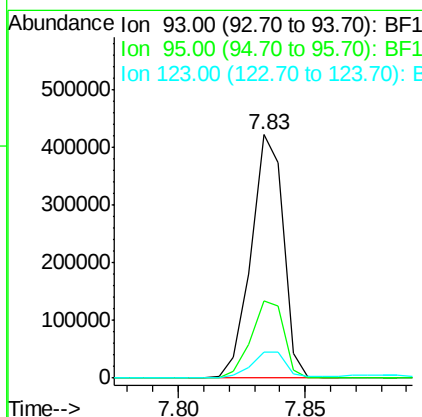
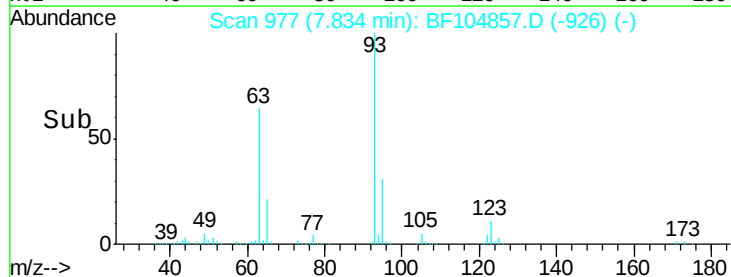
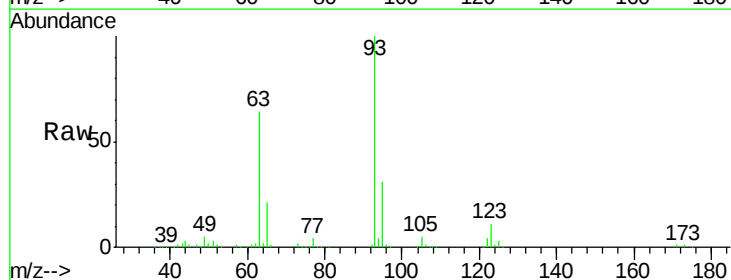
Instrument :
 BNA_F
 ClientSampleId :

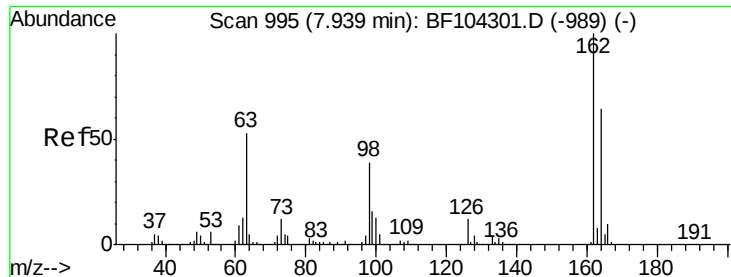
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.2	136.8
121	59.9	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.026 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.3	39.5
123	10.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 37.726 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

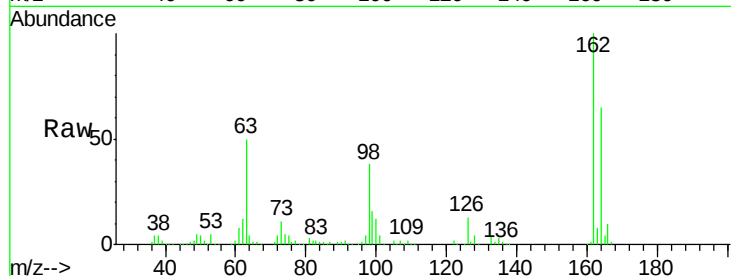
Tot Ion:162 Resp: 279452

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

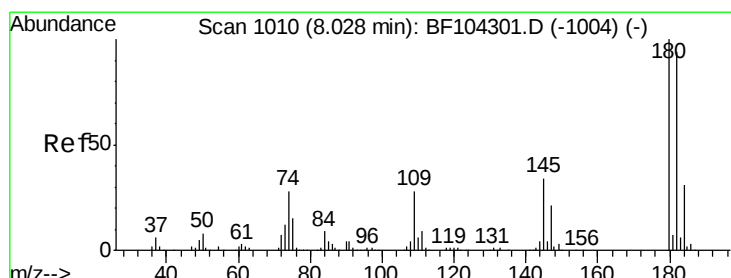
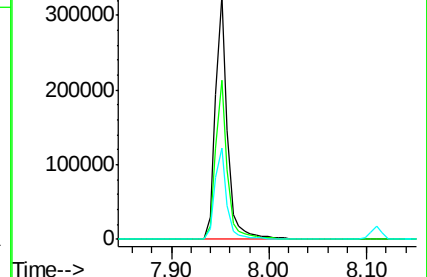
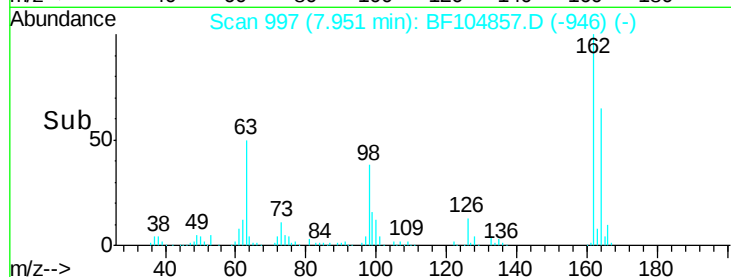
98 37.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.896 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

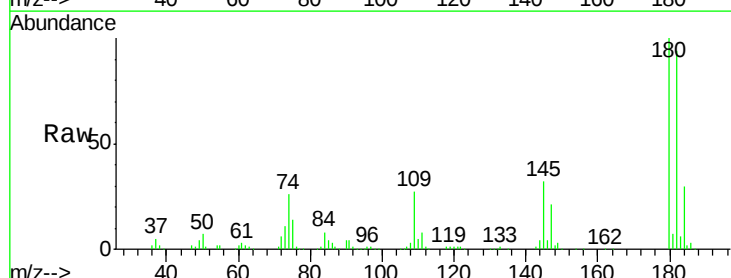
Tgt Ion:180 Resp: 308069

Ion Ratio Lower Upper

180 100

182 93.6 76.8 115.2

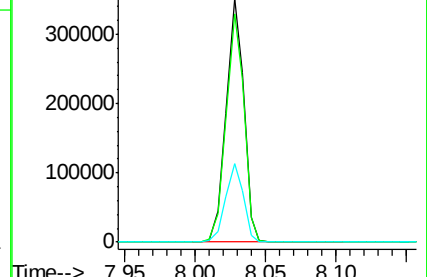
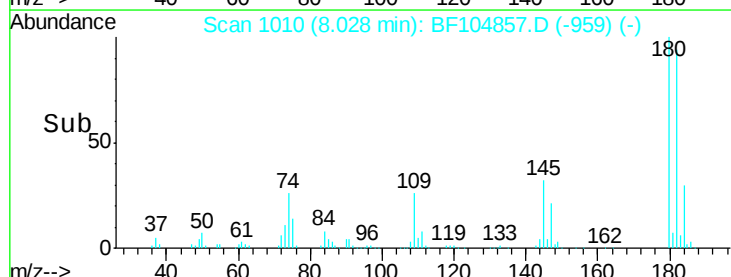
145 32.3 26.5 39.7

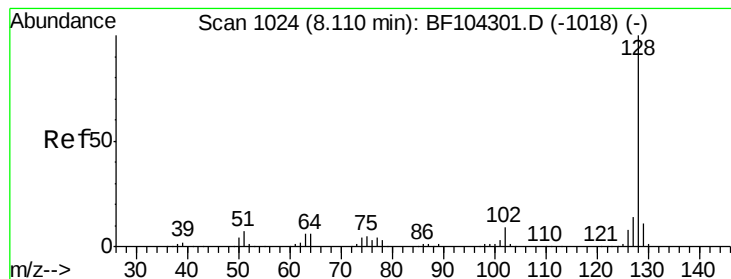


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.885 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

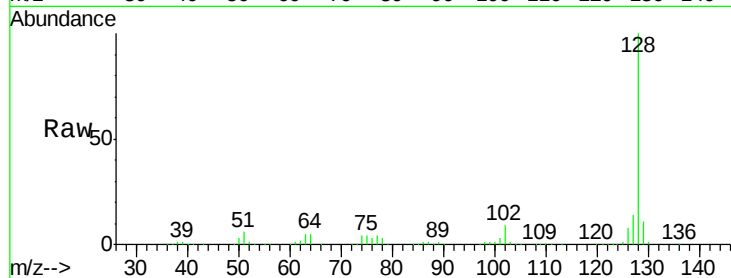
Tot Ion:128 Resp: 997659

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

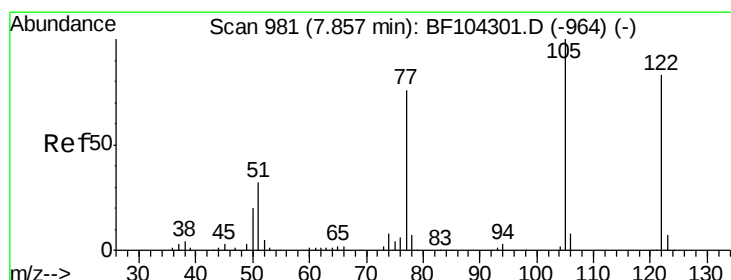
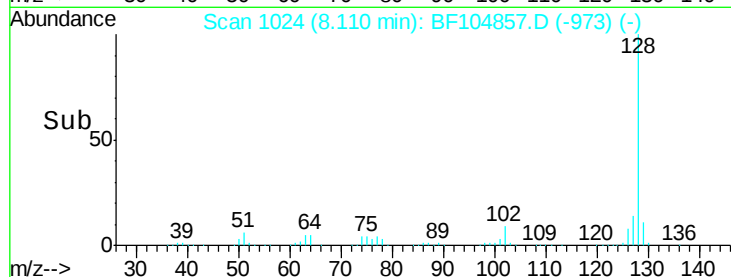
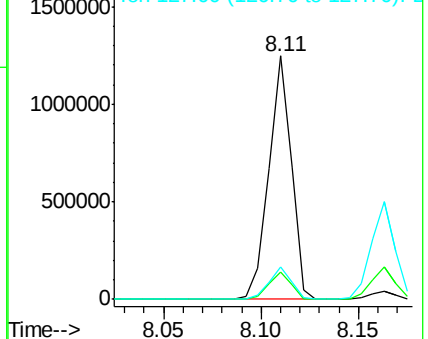
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.971 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

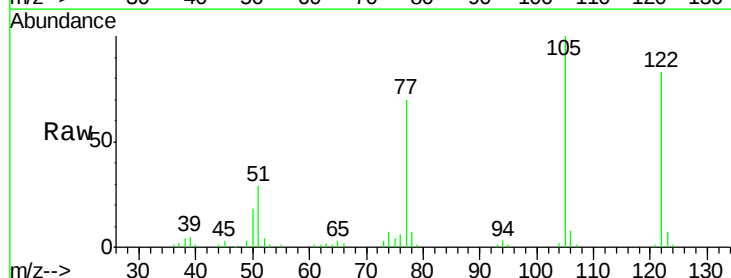
Tgt Ion:122 Resp: 167066

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

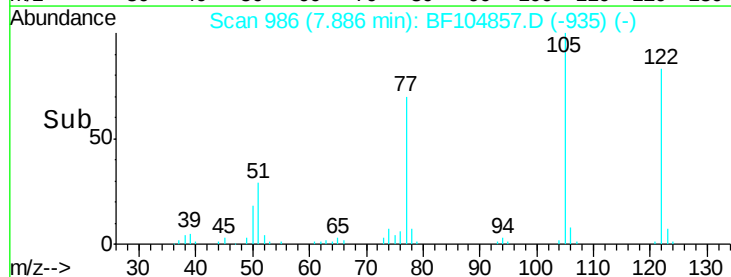
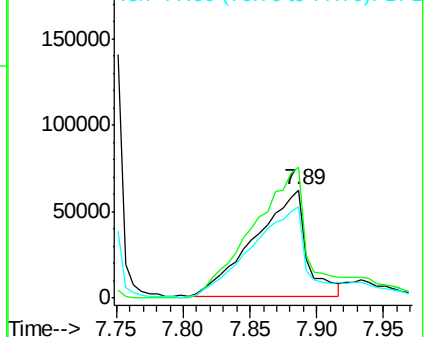
77 84.6 70.7 110.7

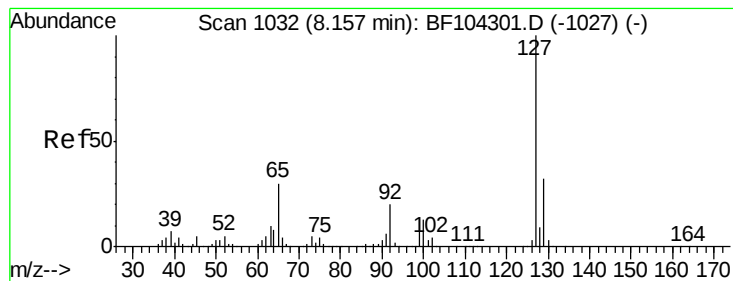


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.522 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 434804

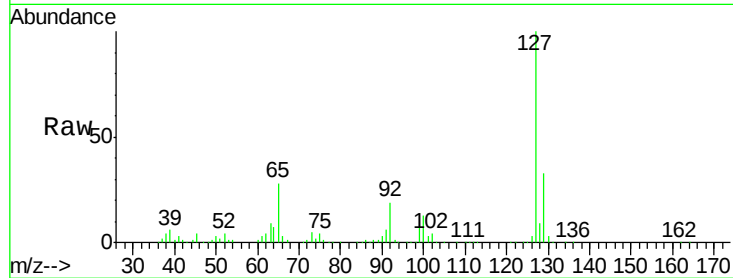
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 27.6 25.0 37.4

92 19.0 15.2 22.8

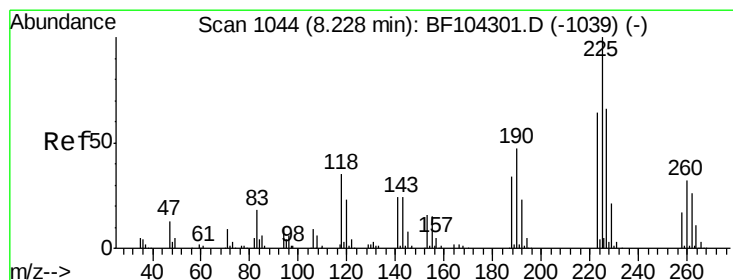
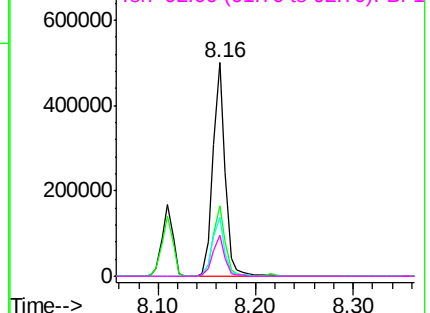
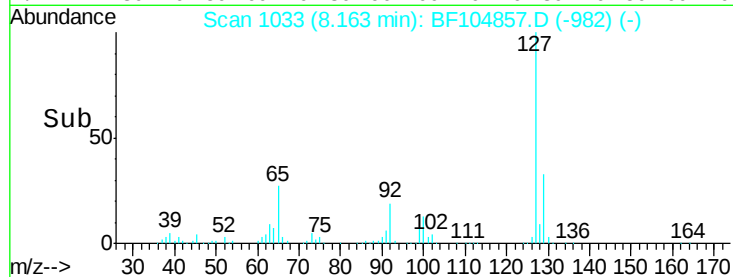


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.848 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

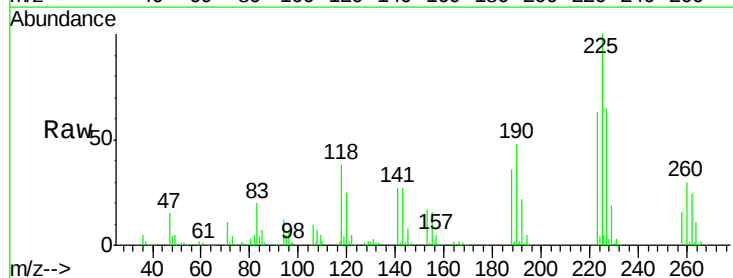
Tgt Ion:225 Resp: 168531

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

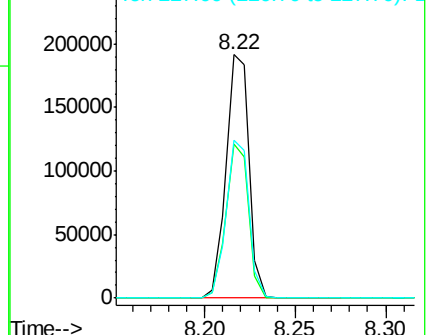
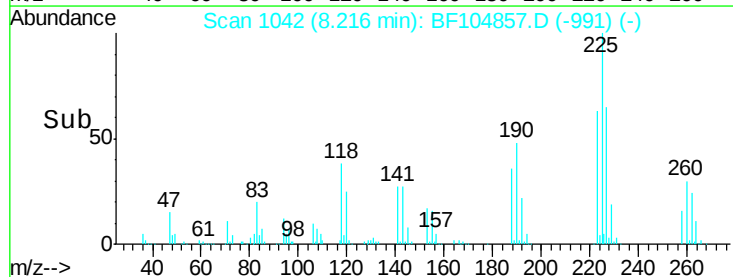
227 64.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.393 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampled :

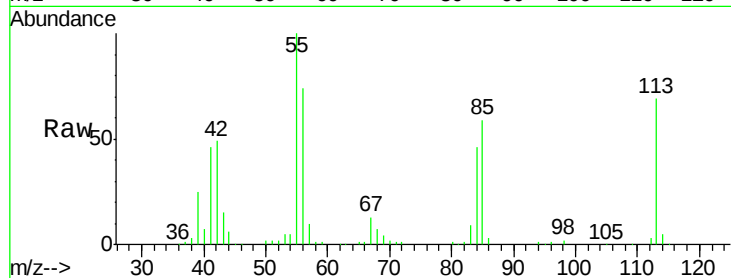
Tot Ion:113 Resp: 96628

Ion Ratio Lower Upper

113 100

55 145.7 163.3 203.3#

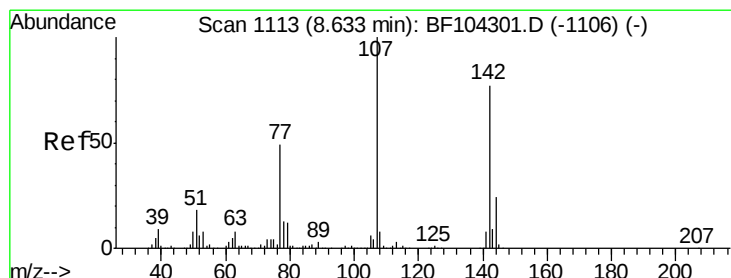
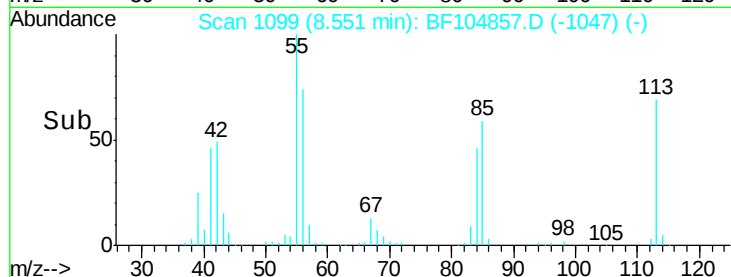
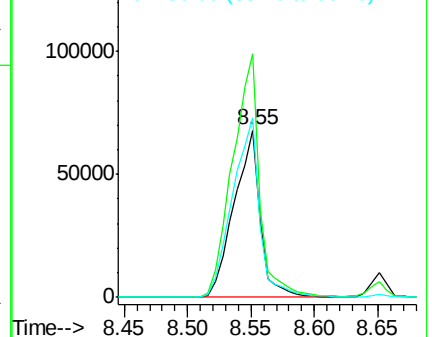
56 107.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.844 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

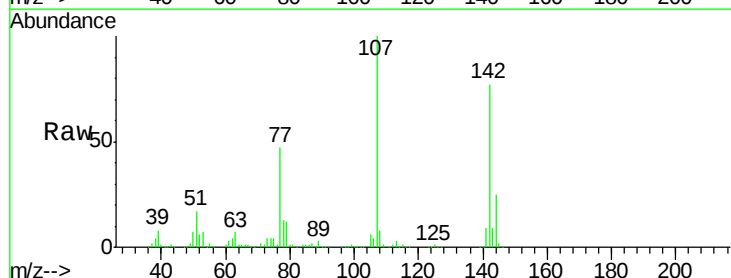
Tgt Ion:107 Resp: 300590

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

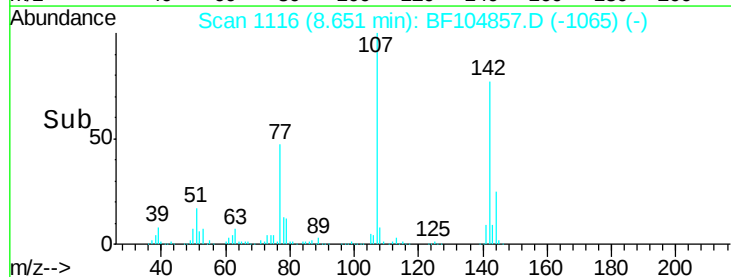
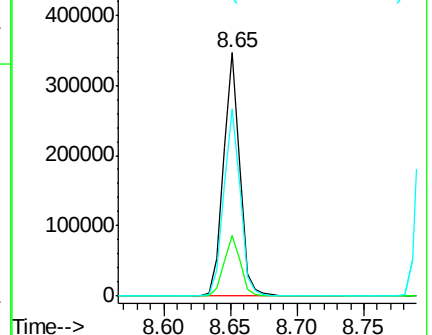
142 77.0 62.0 93.0

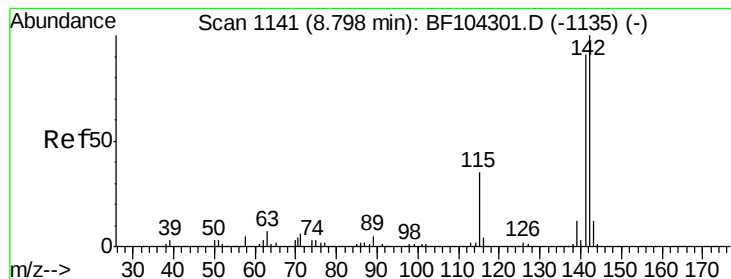


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

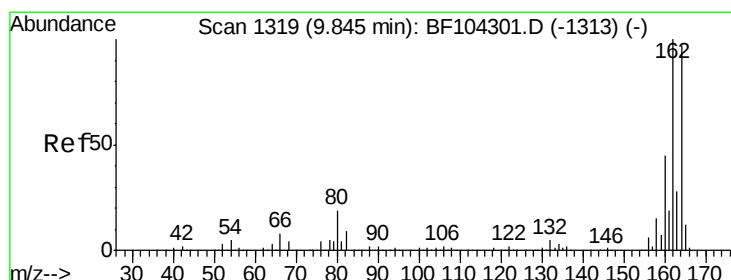
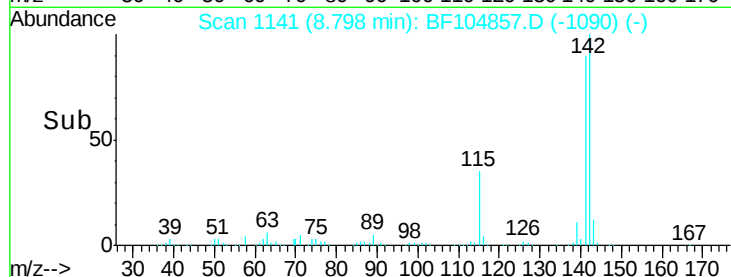
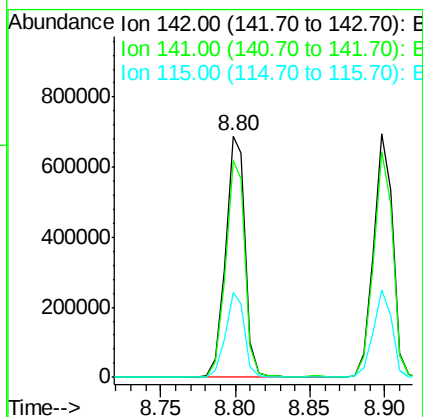
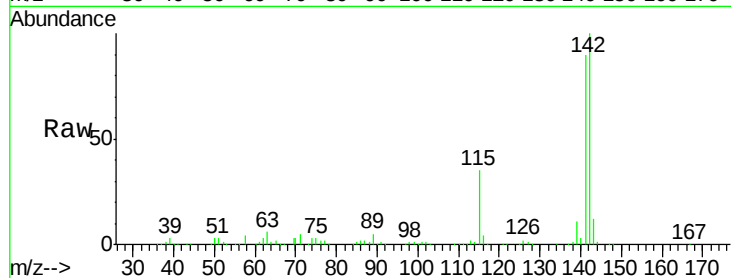




#37
 2-Methylnaphthalene
 Concen: 36.721 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

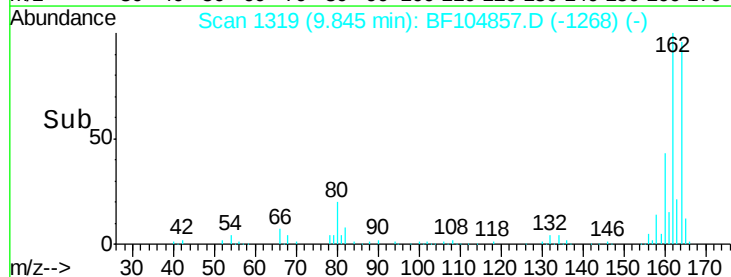
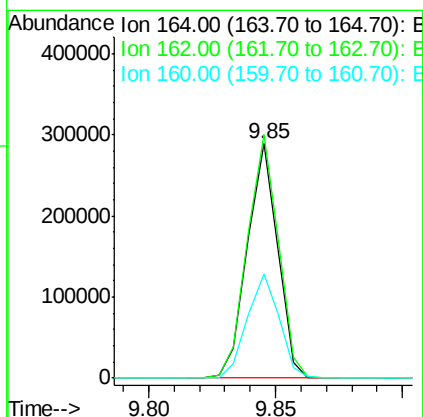
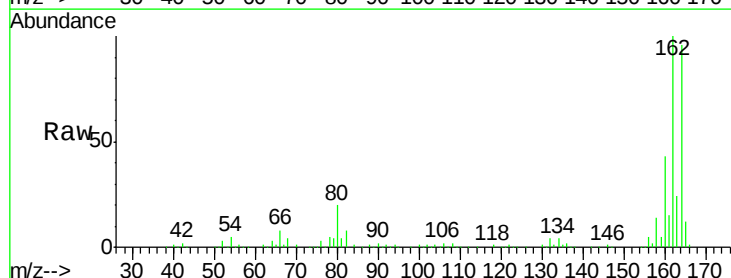
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 642472
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.8 106.2
 115 35.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:164 Resp: 241647
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.5 38.3 57.5

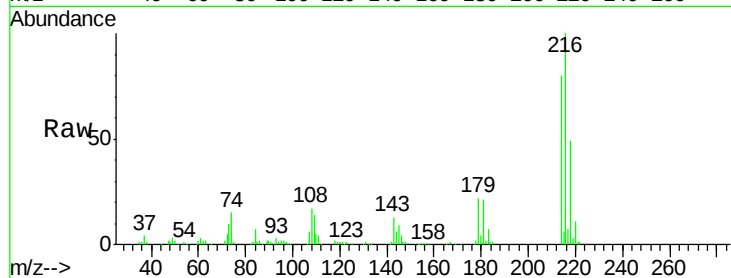




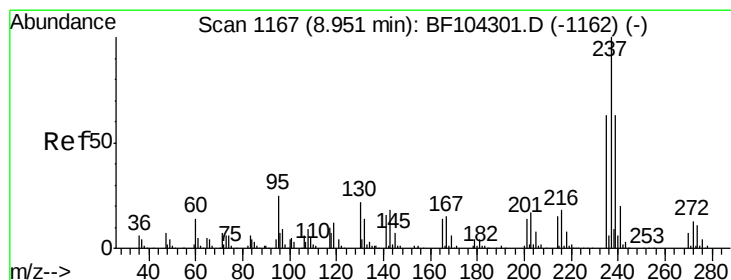
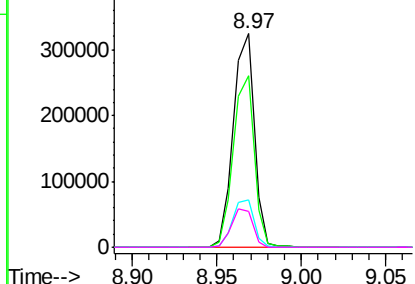
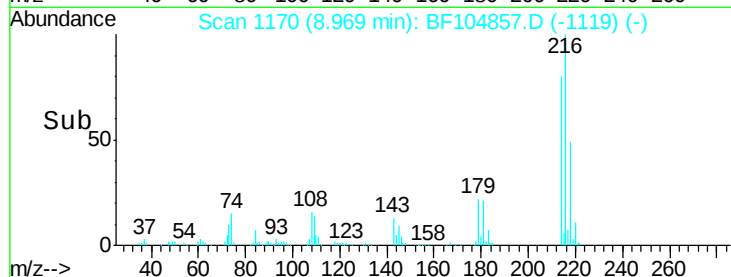
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.534 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	280384
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	22.6	18.1 27.1
108	18.7	17.2 25.8

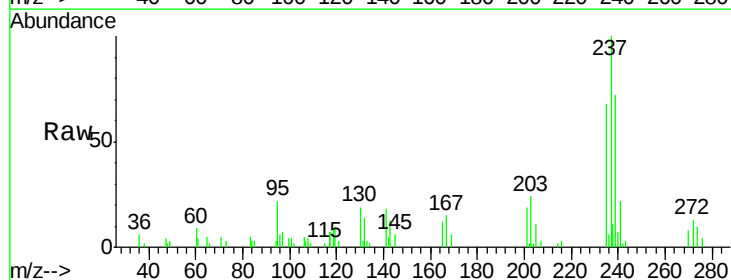


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

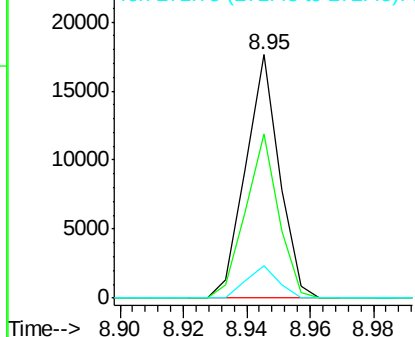
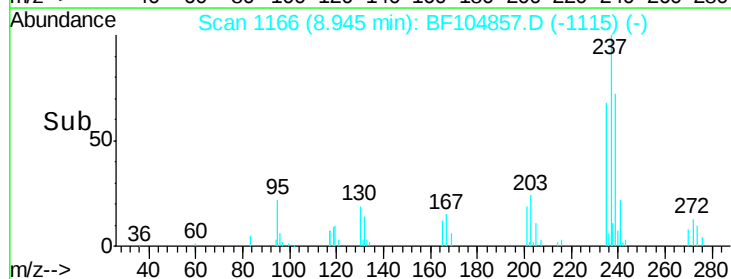


#40
 Hexachlorocyclopentadiene
 Concen: 3.363 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:237	Resp:	13024
Ion Ratio	Lower	Upper
237	100	
235	67.7	44.8 84.8
272	13.3	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 70.967 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampled :

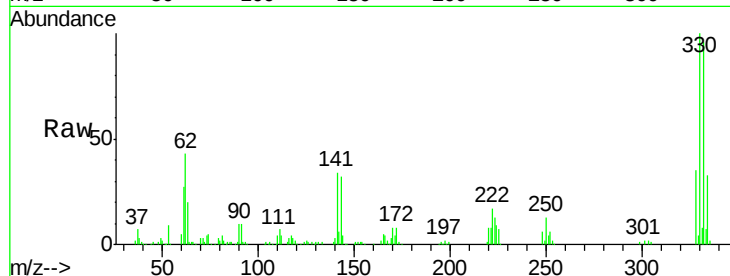
Tot Ion:330 Resp: 177892

Ion Ratio Lower Upper

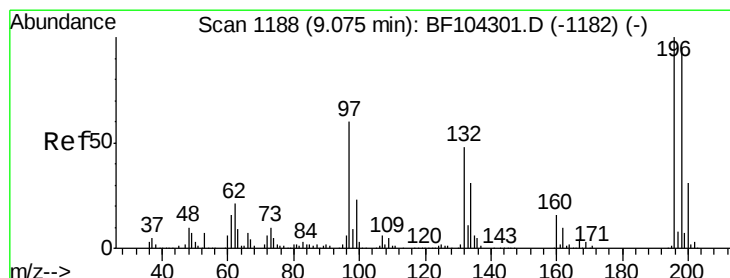
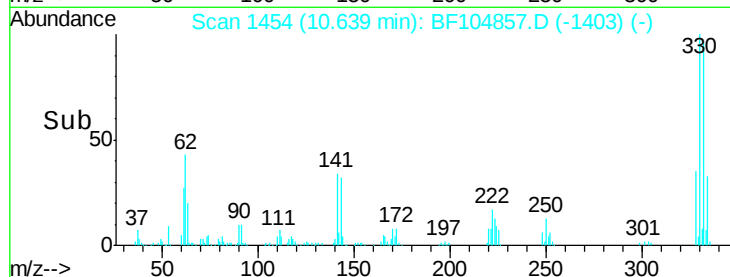
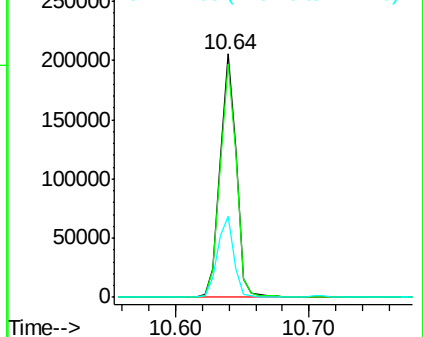
330 100

332 96.4 77.0 115.6

141 33.2 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: 38.694 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

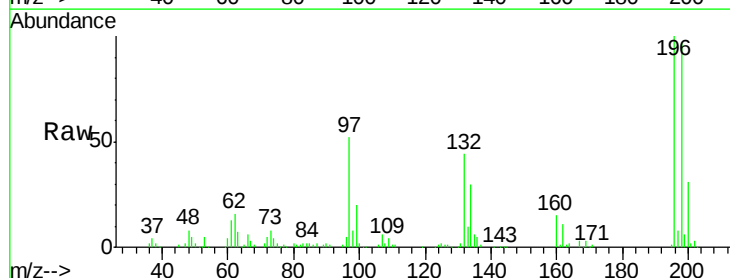
Tgt Ion:196 Resp: 185805

Ion Ratio Lower Upper

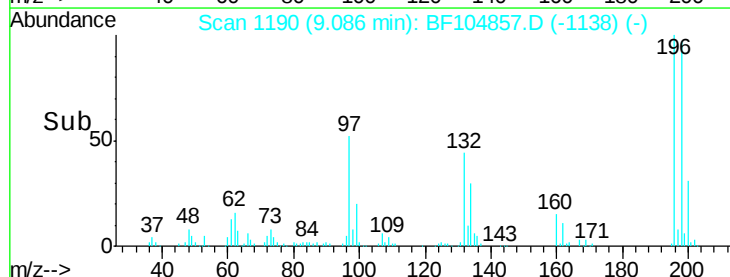
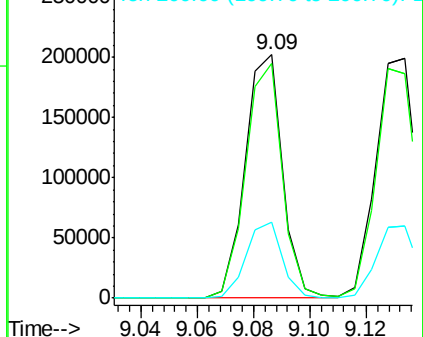
196 100

198 96.6 75.7 113.5

200 31.3 24.5 36.7



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

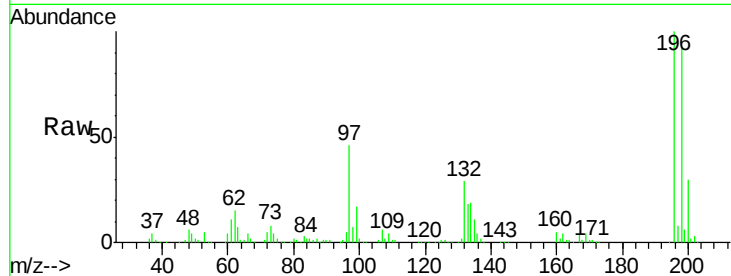




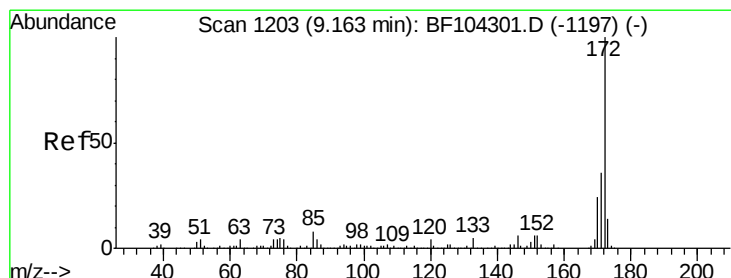
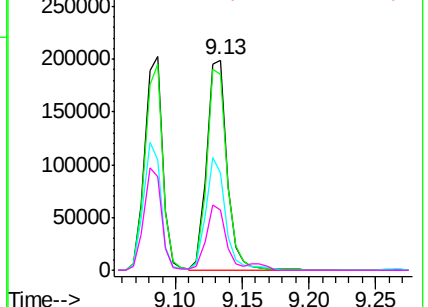
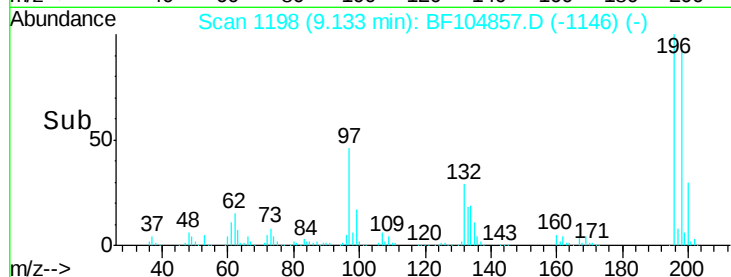
#43
 2,4,5-Trichlorophenol
 Concen: 39.595 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	212762
Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	46.2	42.9	64.3
132	28.8	26.3	39.5

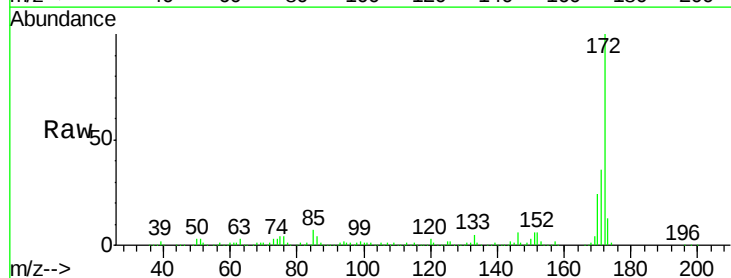


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

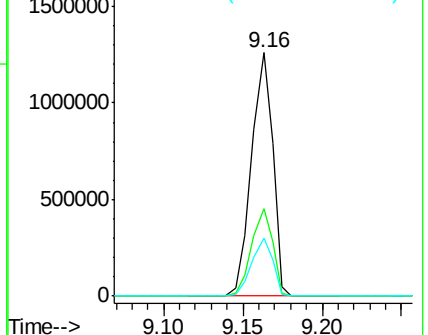
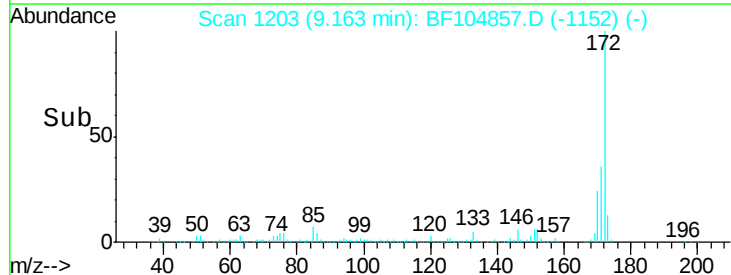


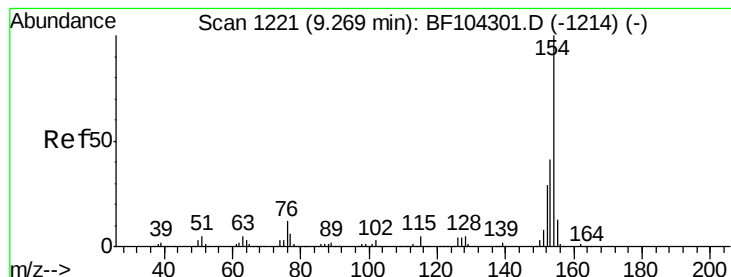
#44
 2-Fluorobiphenyl
 Concen: 76.747 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:	172	Resp:	1173969
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 38.262 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

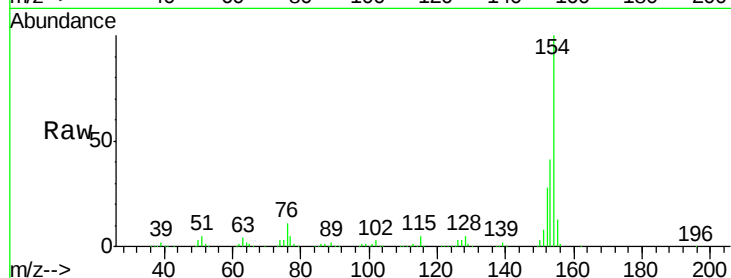
Tot Ion:154 Resp: 776711

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

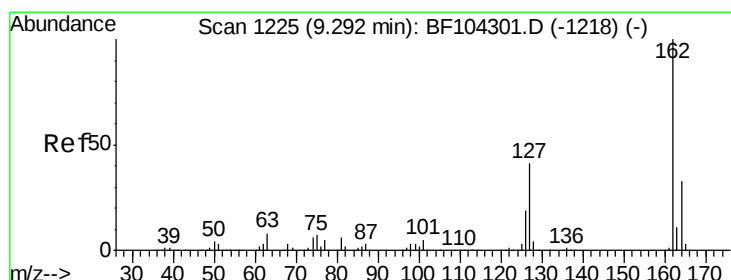
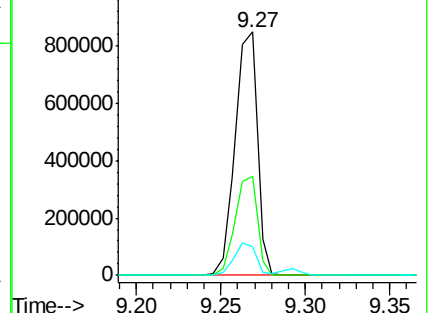
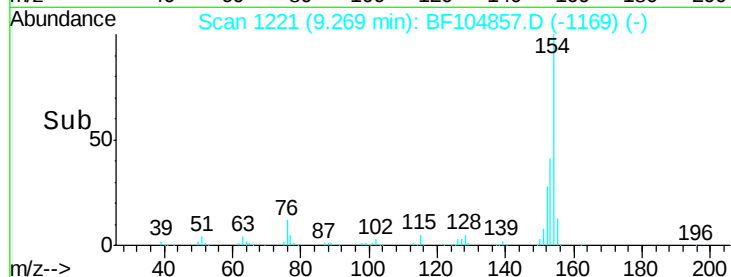
76 11.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.348 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

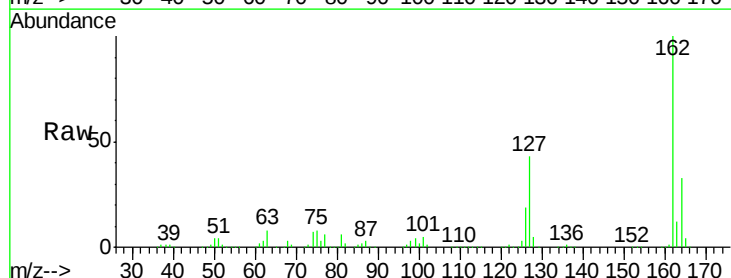
Tgt Ion:162 Resp: 614884

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

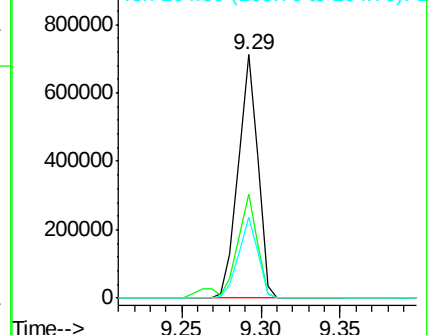
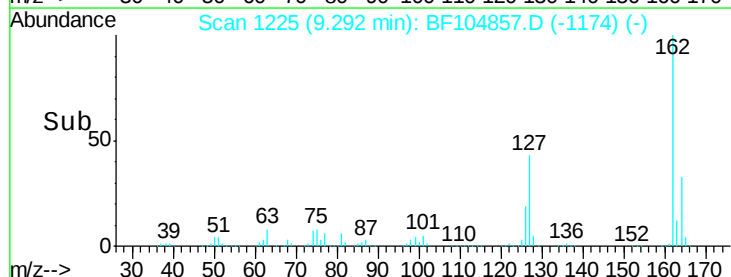
164 33.3 26.5 39.7

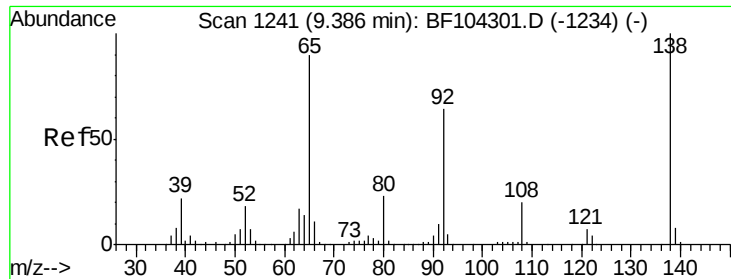


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

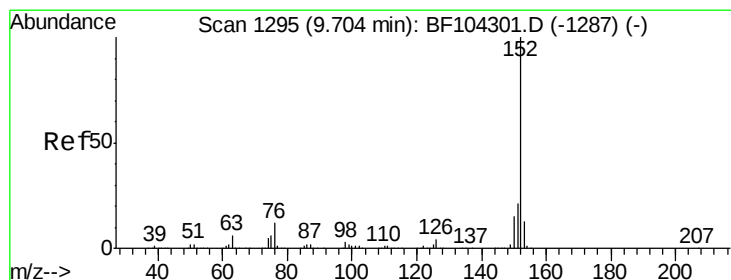
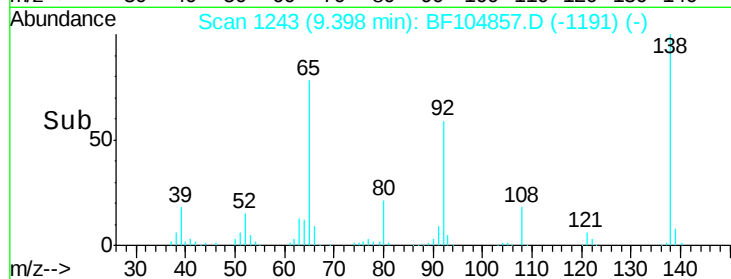
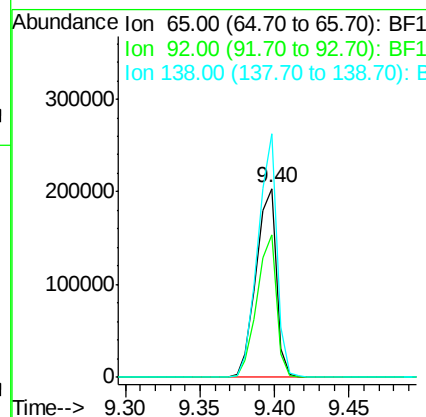
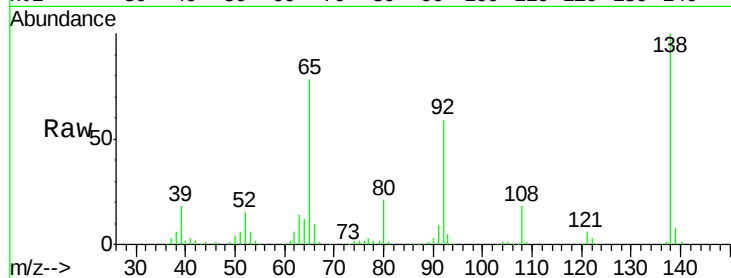




#47
 2-Nitroaniline
 Concen: 48.255 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

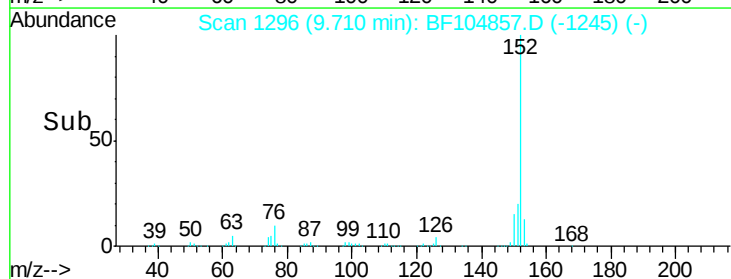
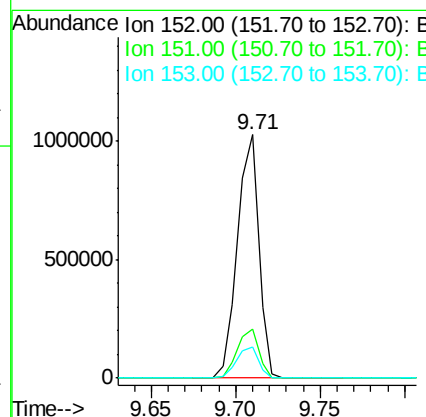
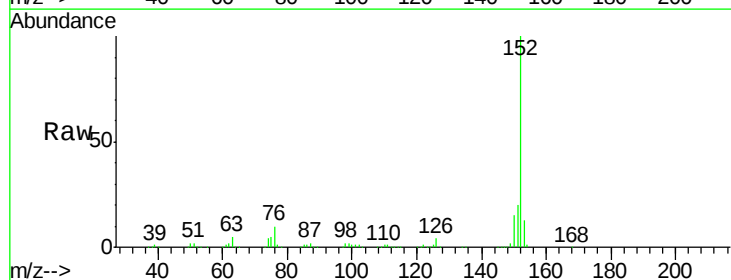
Instrument :
 BNA_F
 ClientSampleId :

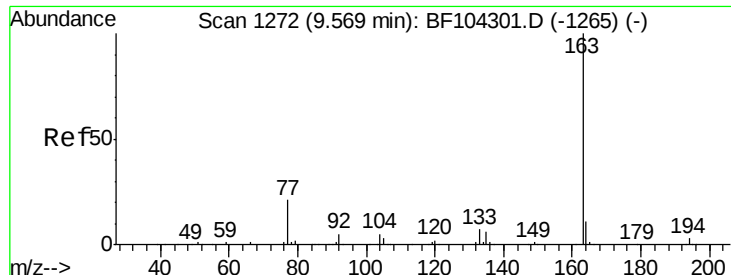
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	55.8	83.6
138	128.7	91.2	136.8



#48
 Acenaphthylene
 Concen: 35.931 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1

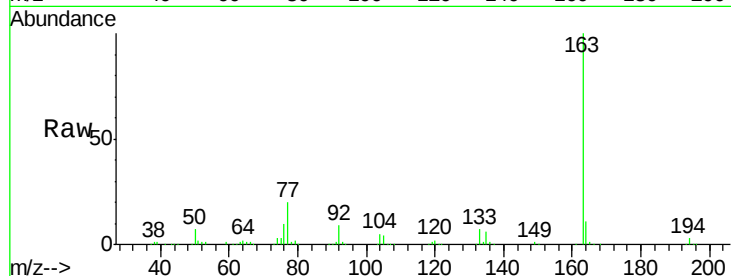




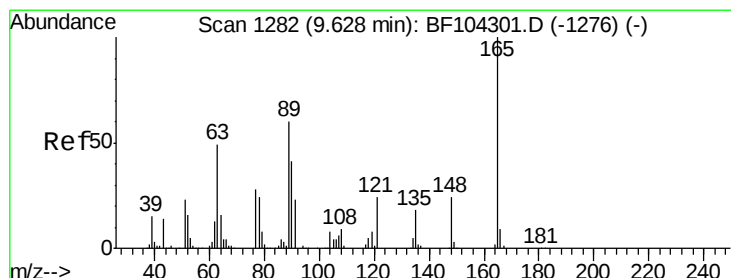
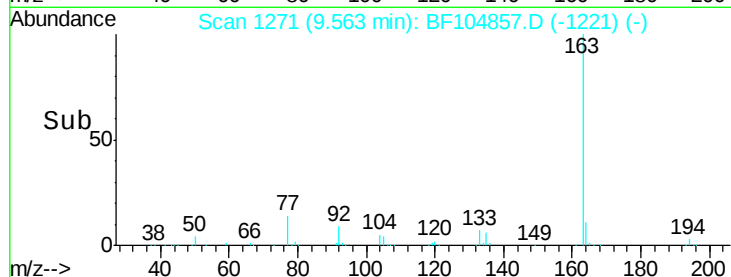
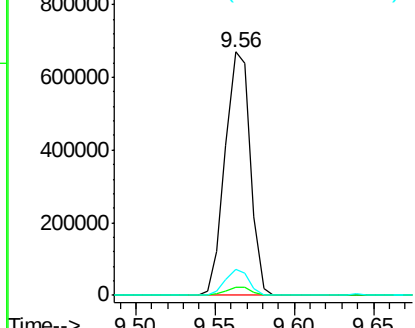
#49
Dimethylphthalate
Concen: 38.810 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 739558
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

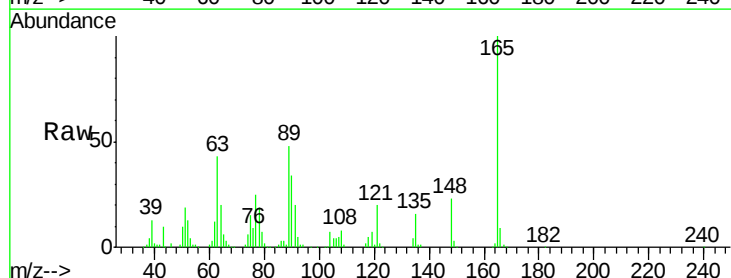


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

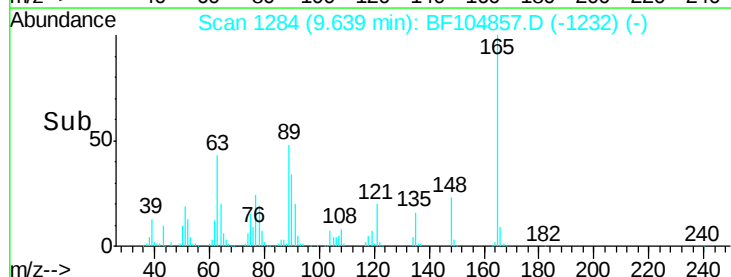
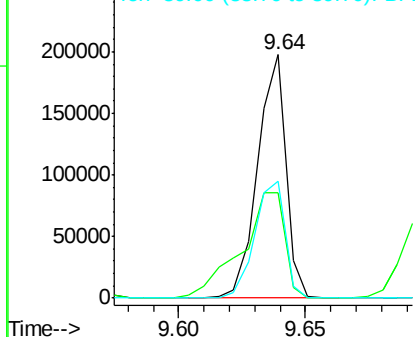


#50
2,6-Dinitrotoluene
Concen: 43.765 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion:165 Resp: 154319
Ion Ratio Lower Upper
165 100
63 43.2 44.7 67.1#
89 47.9 44.0 66.0



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





#51

Acenaphthene

Concen: 34.584 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

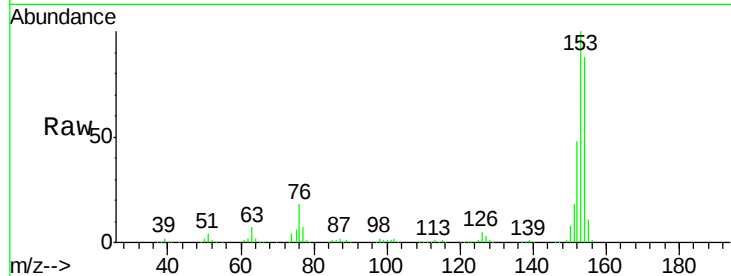
Tot Ion:154 Resp: 530849

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

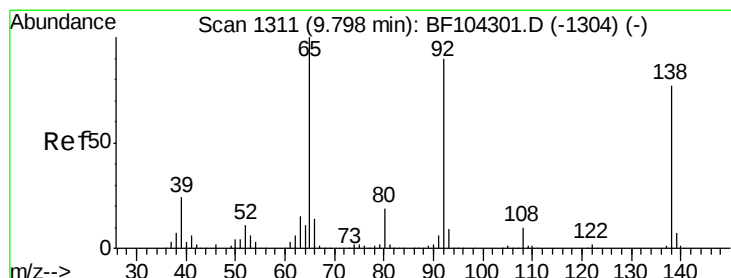
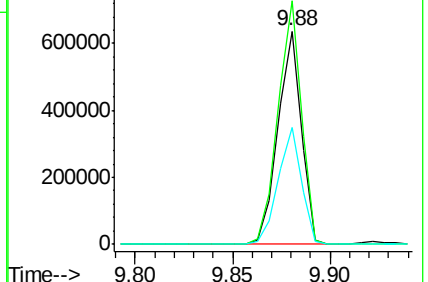
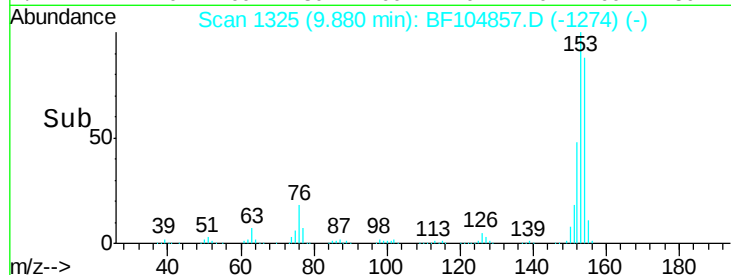
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.348 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

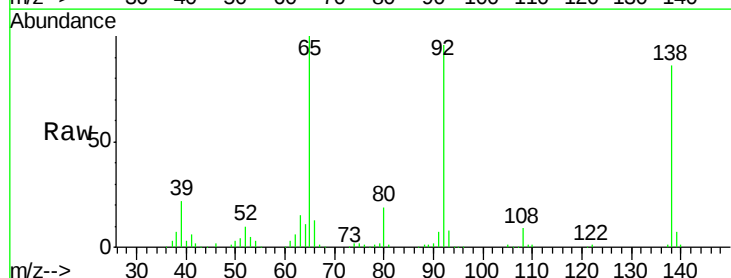
Tgt Ion:138 Resp: 191322

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

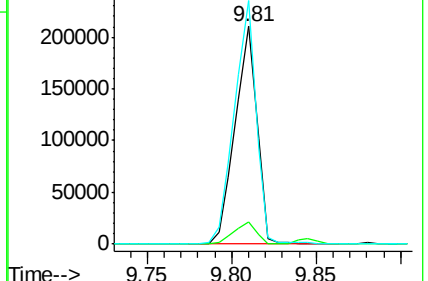
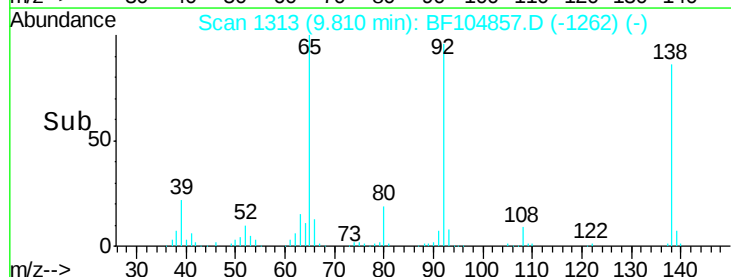
92 112.0 89.4 134.2

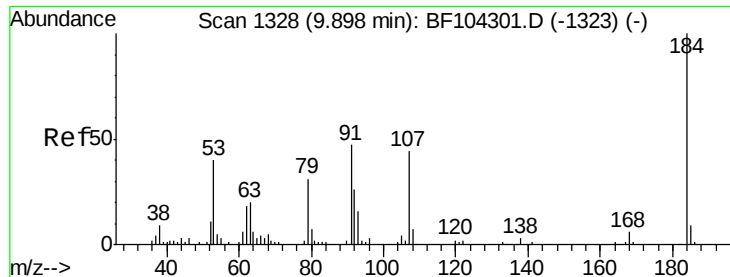


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

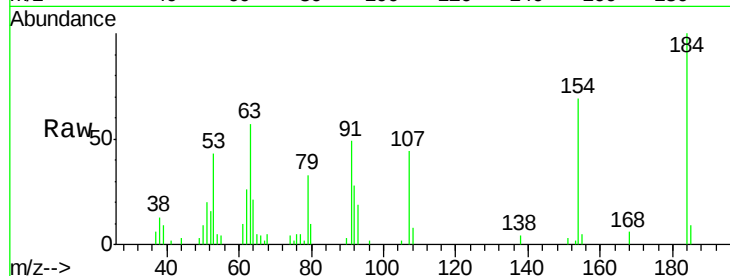




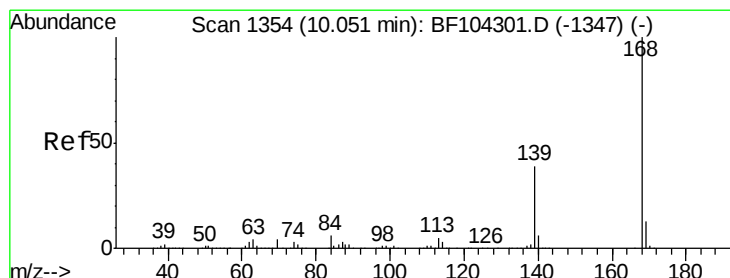
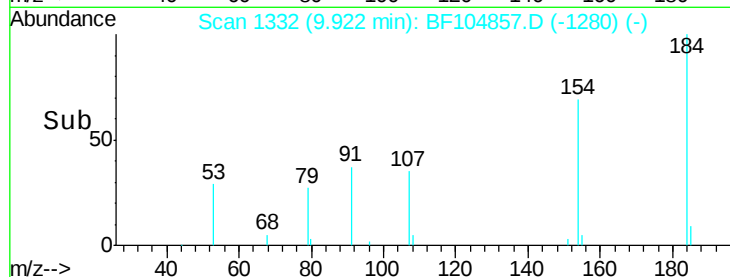
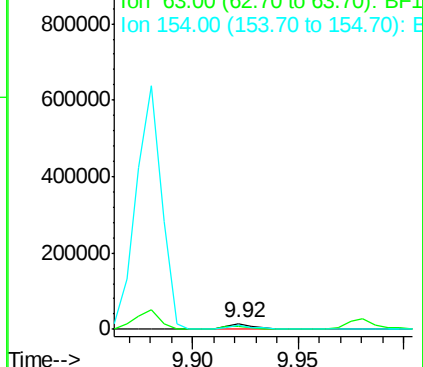
#53
 2,4-Dinitrophenol
 Concen: 20.051 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 16041
 Ion Ratio Lower Upper
 184 100
 63 56.7 54.2 81.2
 154 69.5 184.0 276.0#

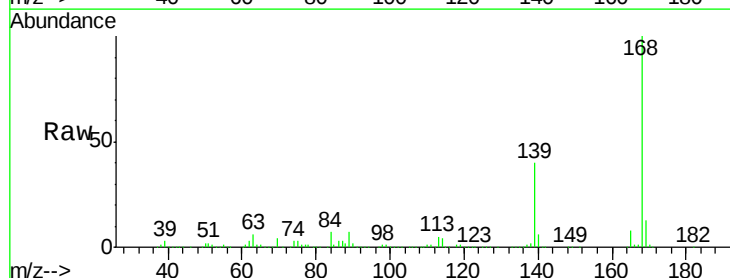


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

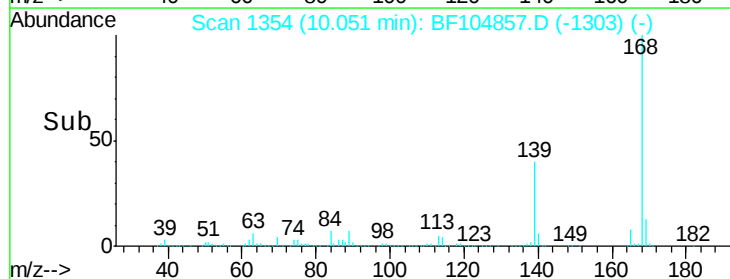
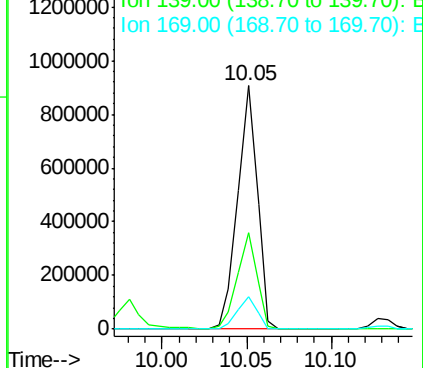


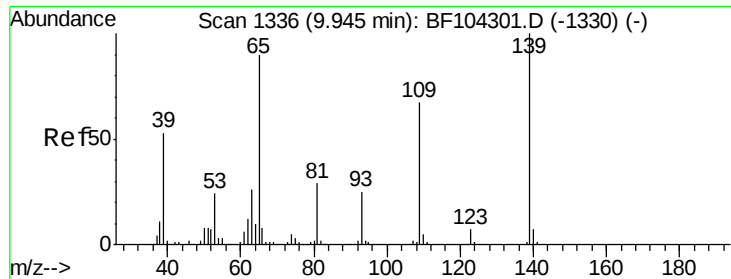
#54
 Dibenzofuran
 Concen: 34.490 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:168 Resp: 737778
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

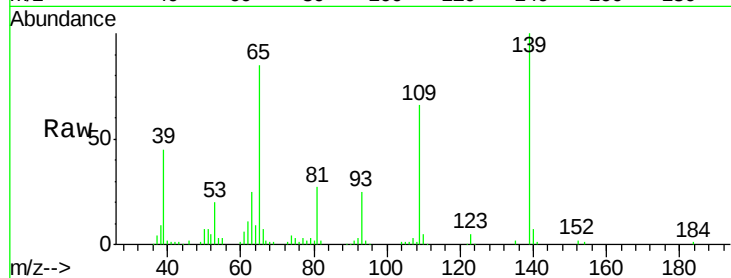




#55
4-Nitrophenol
Concen: 33.120 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.4	88.4
65	85.4	72.6	112.6

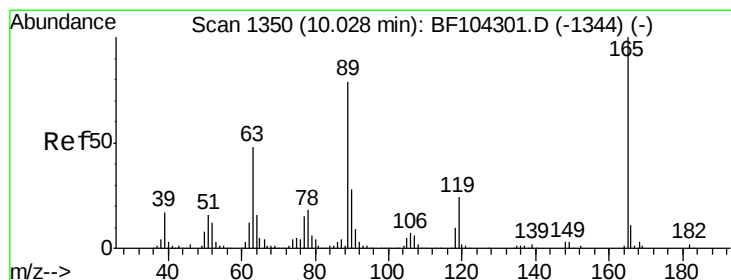
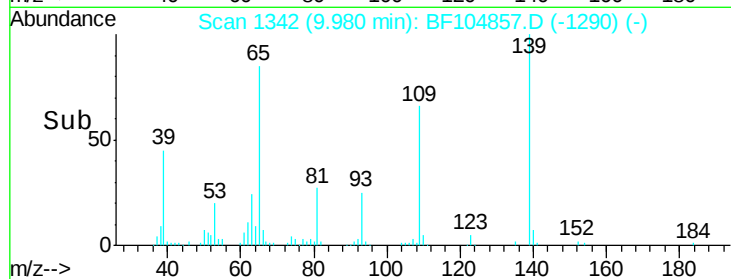
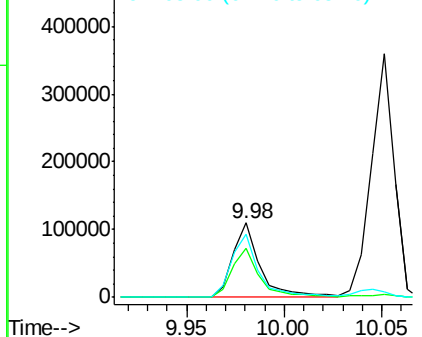


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 38.986 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	36.4	54.6
89	75.7	57.8	86.6
182	2.3	1.6	2.4

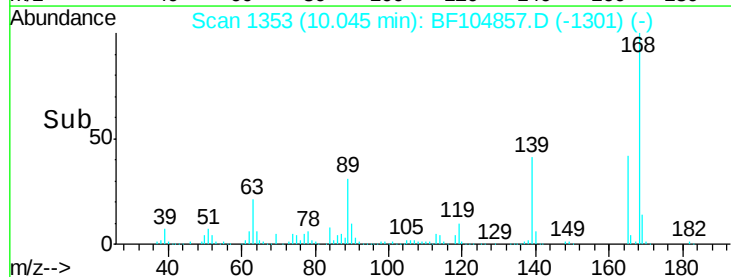
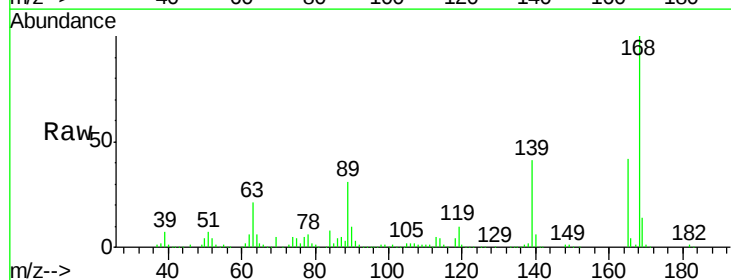
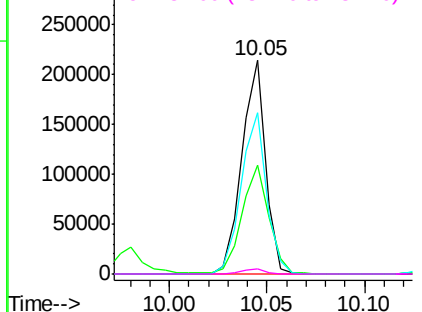
Abundance

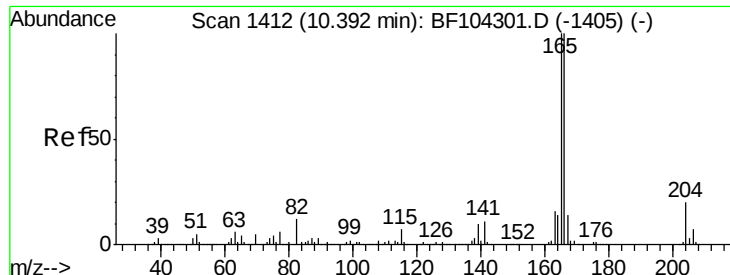
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

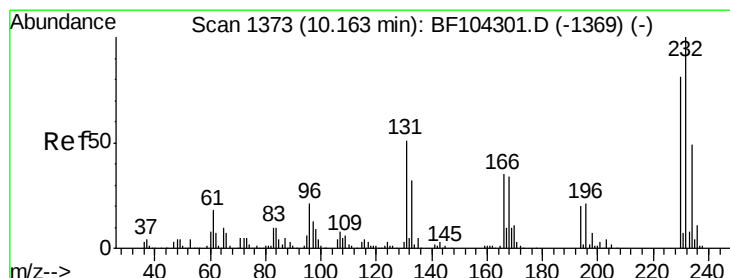
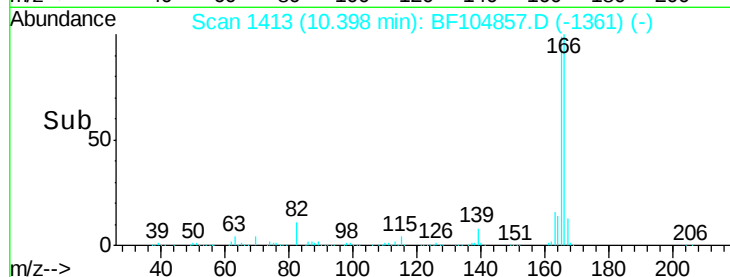
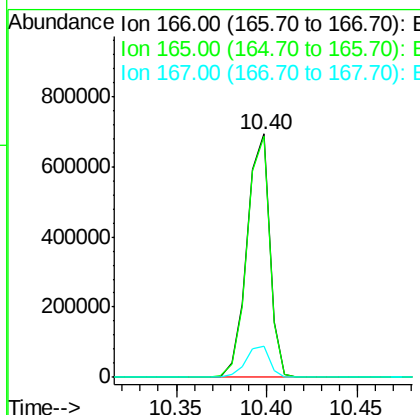
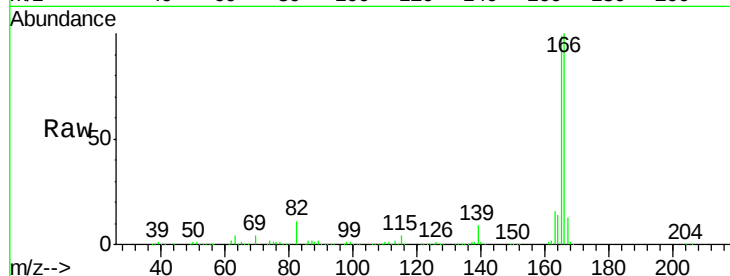




#57
 Fluorene
 Concen: 38.729 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

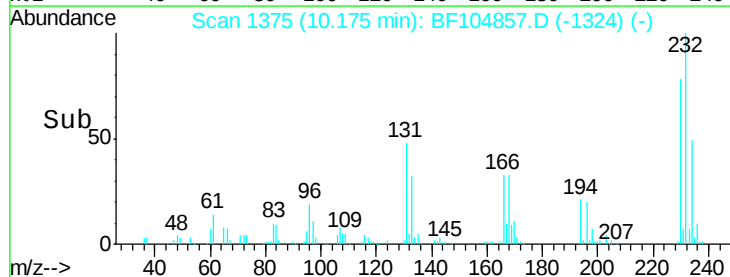
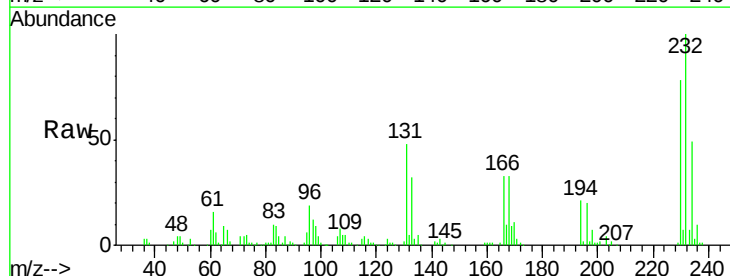
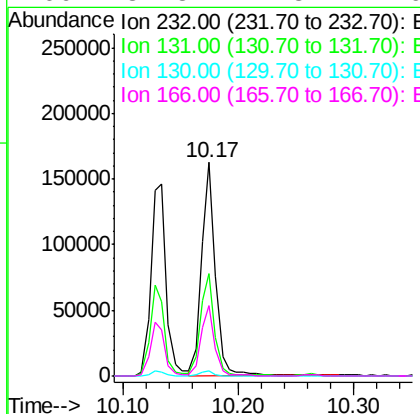
Instrument :
 BNA_F
 ClientSampleId :

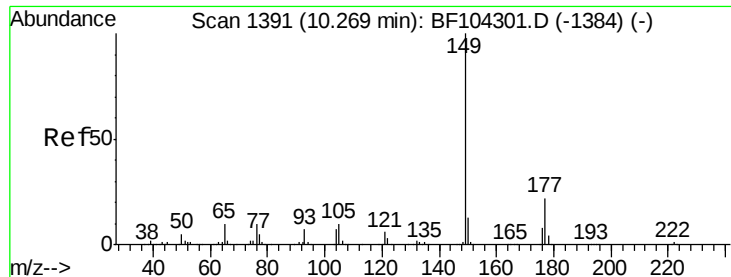
Tot Ion:166 Resp: 603011
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.565 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:232 Resp: 138566
 Ion Ratio Lower Upper
 232 100
 131 49.9 43.8 65.8
 130 2.3 2.1 3.1
 166 32.8 27.8 41.6

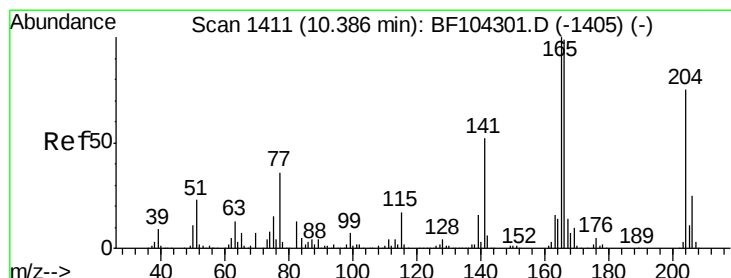
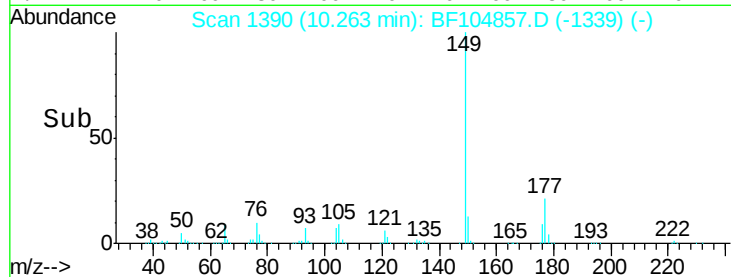
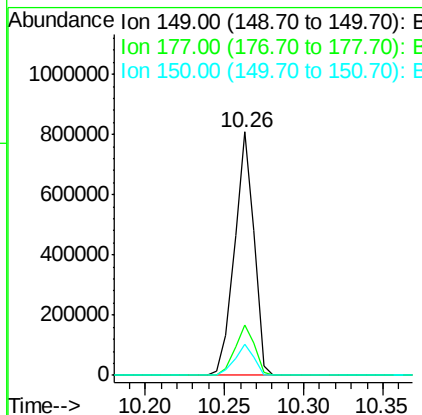
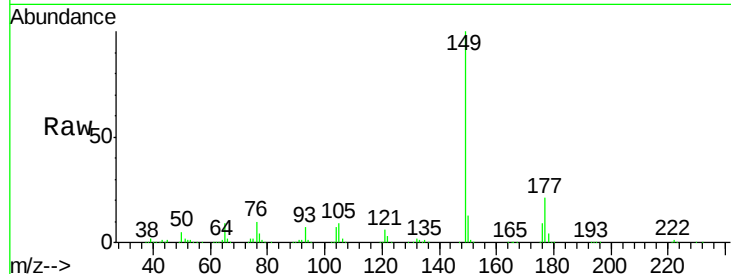




#59
Diethylphthalate
Concen: 36.104 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

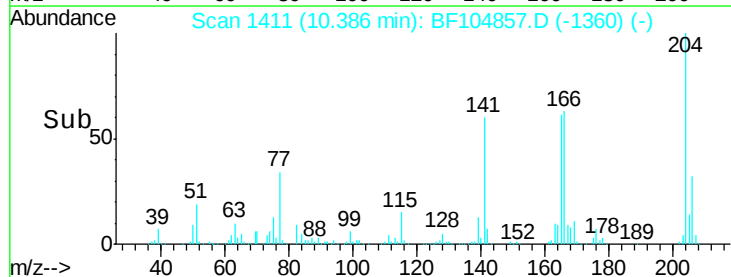
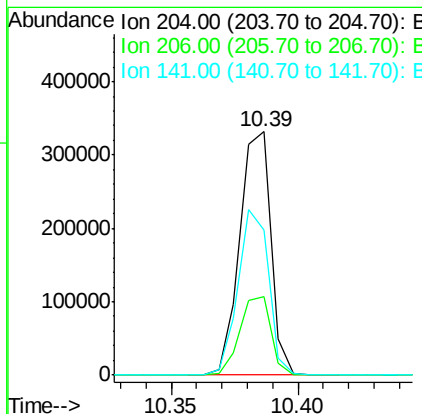
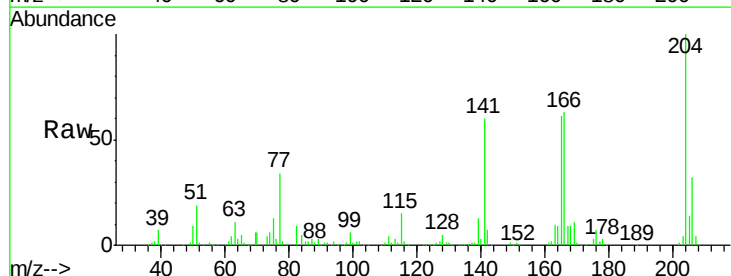
Instrument :
BNA_F
ClientSampled :

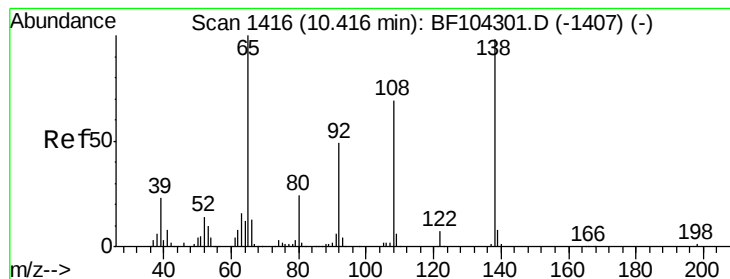
Tot Ion:149 Resp: 685181
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.812 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion:204 Resp: 282993
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.8 54.6 81.8





#61

4-Nitroaniline

Concen: 46.733 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

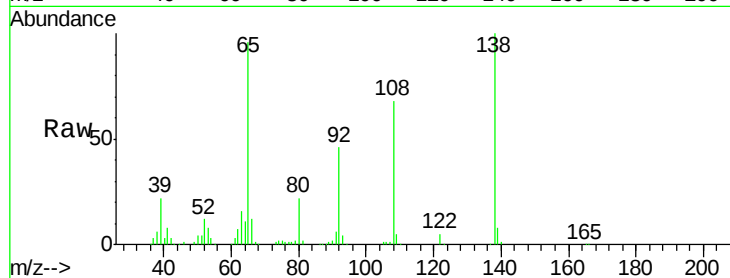
Tot Ion:138 Resp: 188622

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

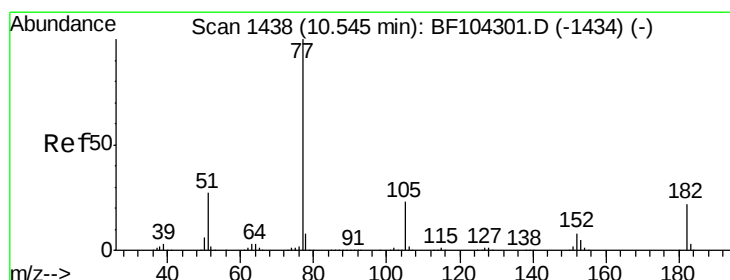
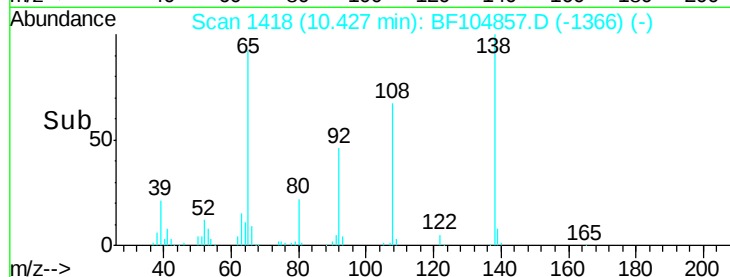
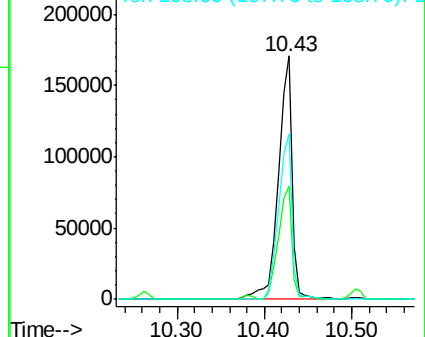
108 68.0 52.5 92.5



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: 32.734 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Tgt Ion: 77 Resp: 593520

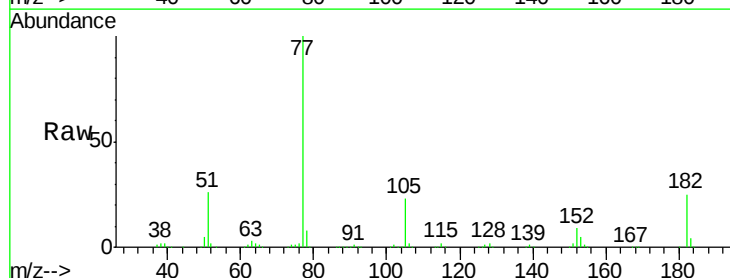
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 23.5 3.0 43.0

51 25.8 9.9 49.9

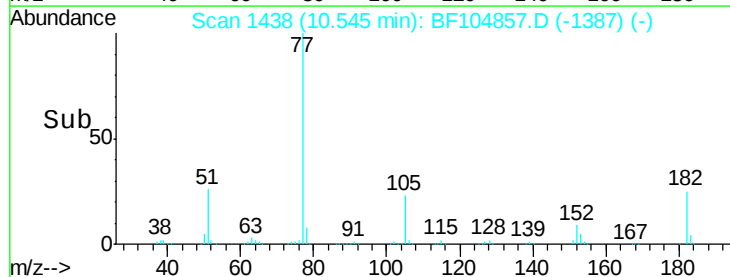
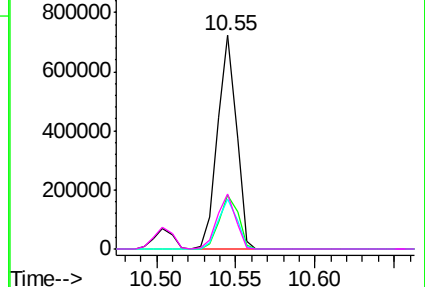


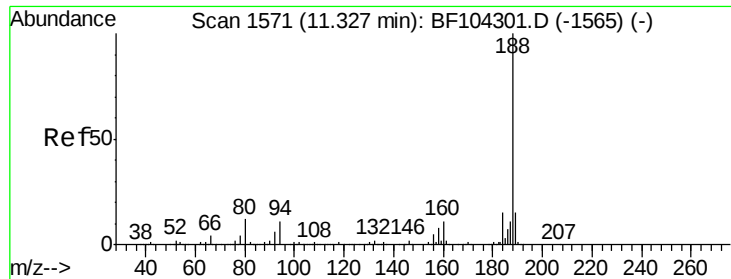
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

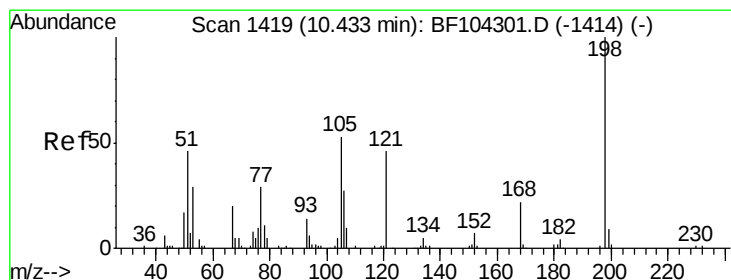
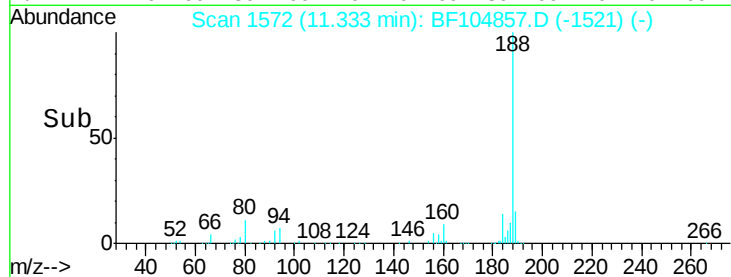
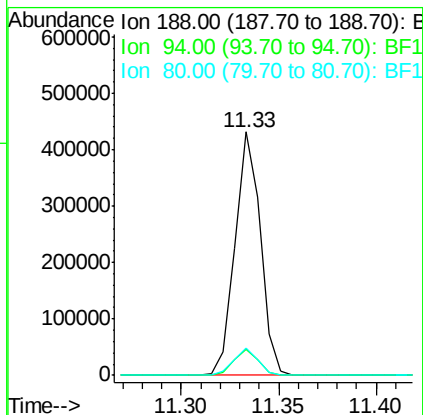
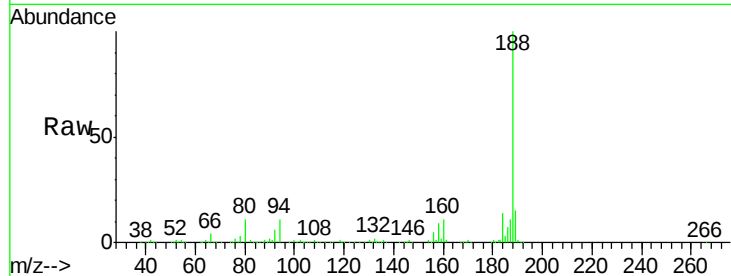




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

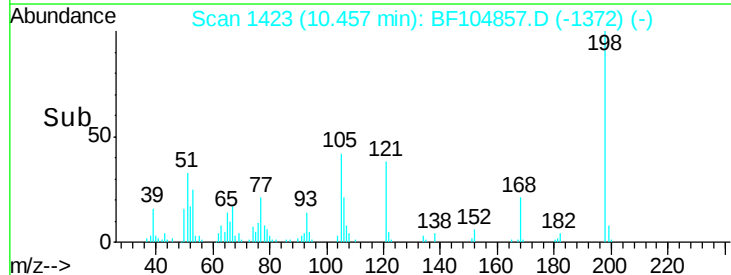
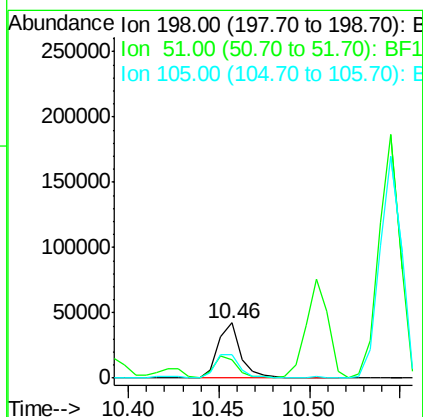
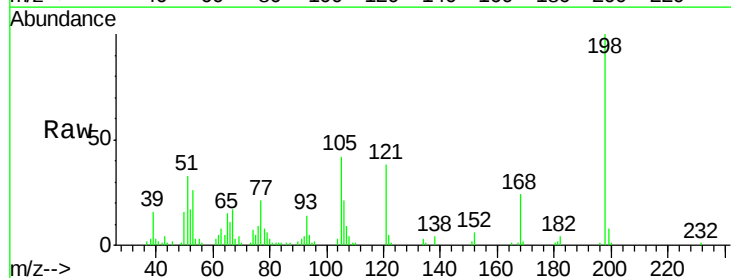
Instrument :
 BNA_F
 ClientSampled :

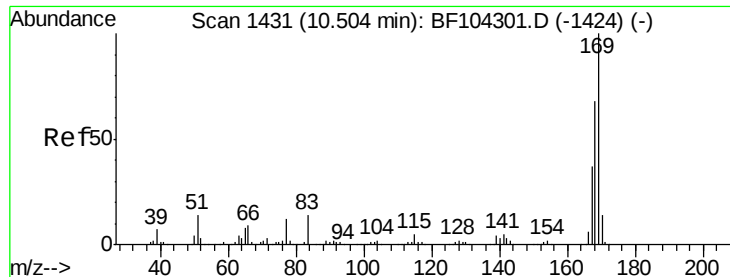
Tot Ion:188 Resp: 390732
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.665 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:198 Resp: 36664
 Ion Ratio Lower Upper
 198 100
 51 33.1 37.7 77.7#
 105 41.6 36.3 76.3

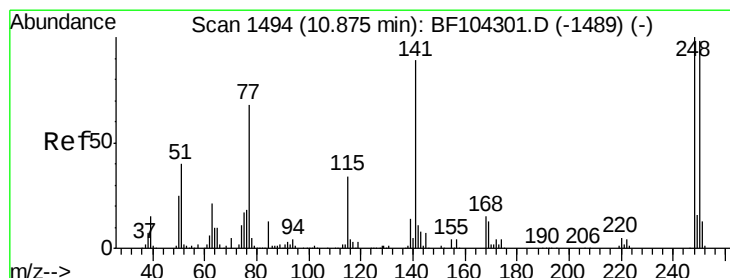
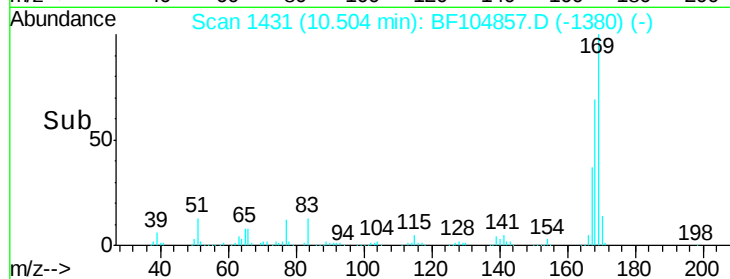
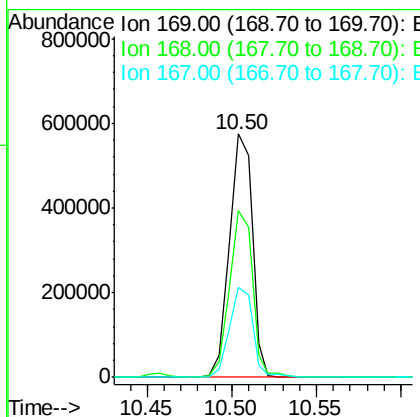
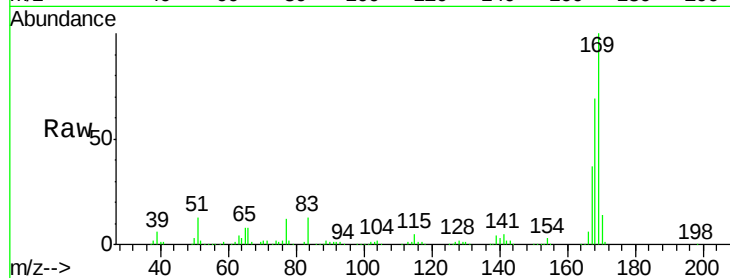




#65
 n-Nitrosodiphenylamine
 Concen: 39.741 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

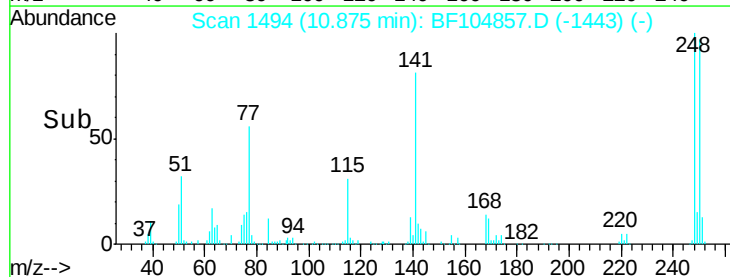
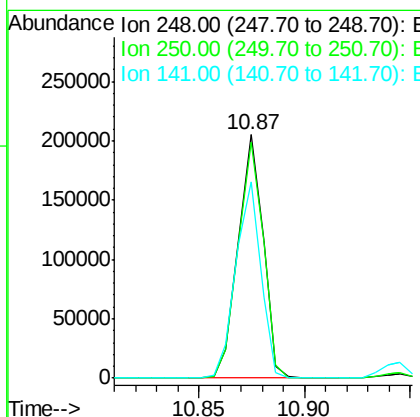
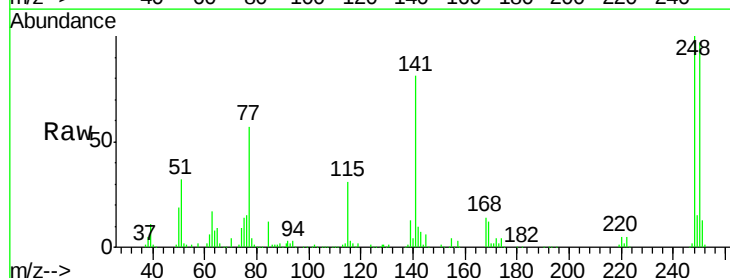
Instrument :
 BNA_F
 ClientSampleId :

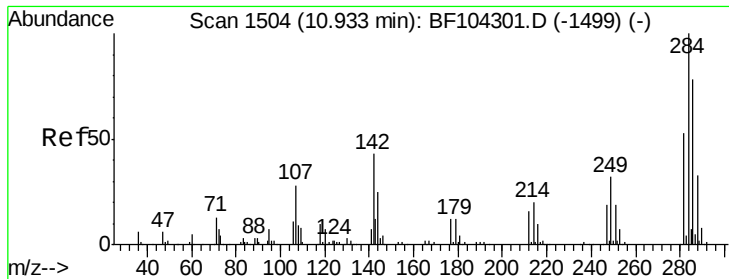
Tot Ion	169	Resp	538399
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	68.7		
167	37.0		



#66
 4-Bromophenyl-phenylether
 Concen: 40.320 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion	248	Resp	167575
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.7		
141	80.8		

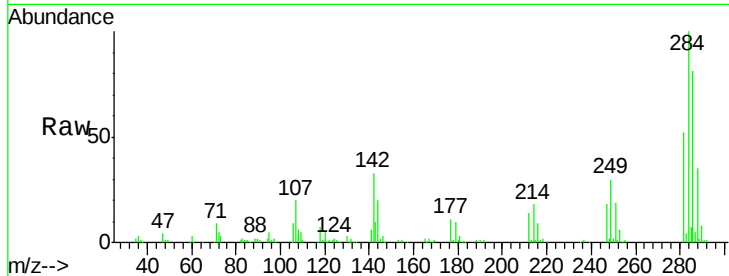




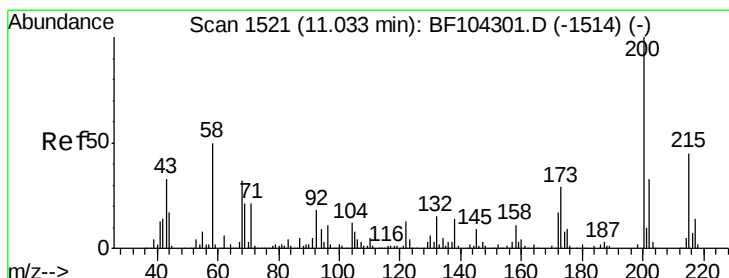
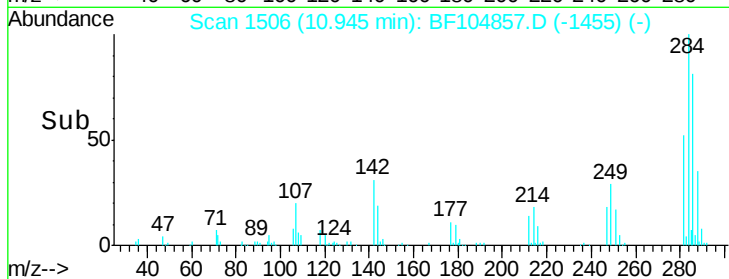
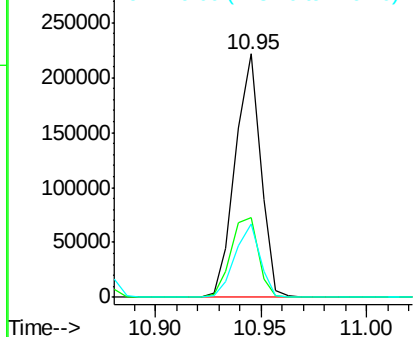
#67
Hexachlorobenzene
Concen: 39.406 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	34.6	52.0#
249	30.0	24.8	37.2

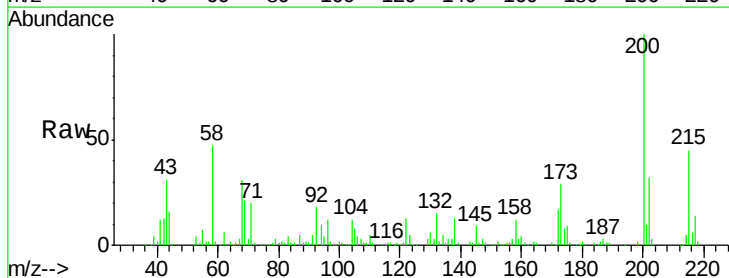


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

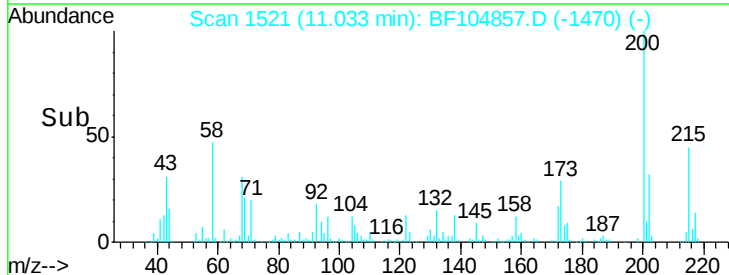
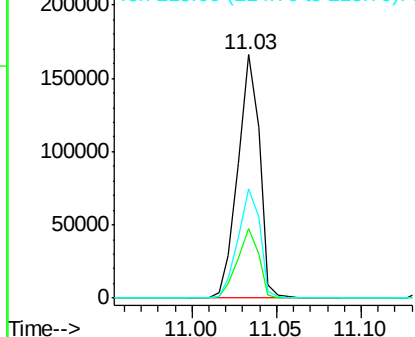


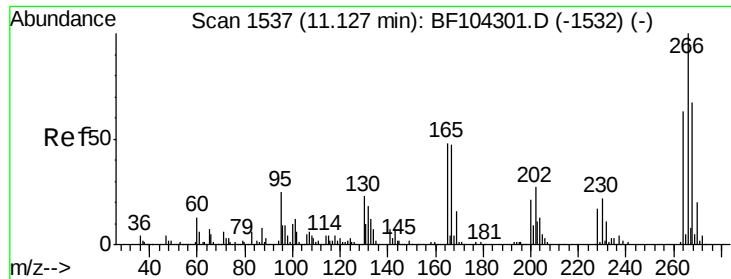
#68
Atrazine
Concen: 36.300 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	44.8	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

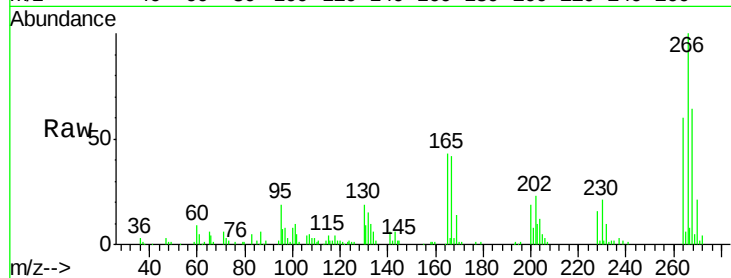




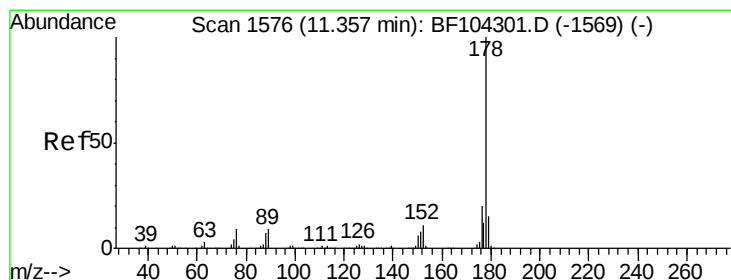
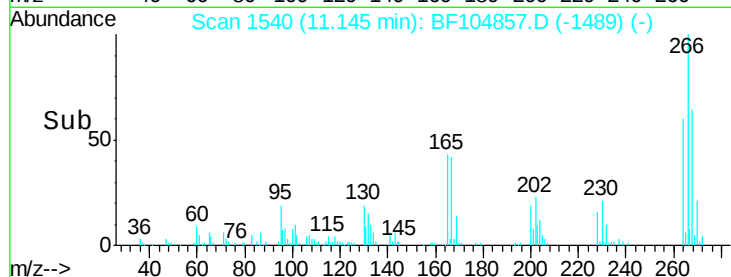
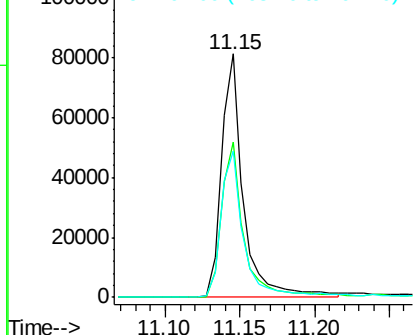
#69
 Pentachlorophenol
 Concen: 28.955 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 83771
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 59.9 49.5 74.3

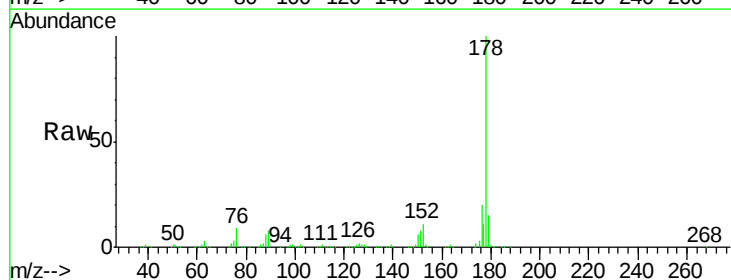


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

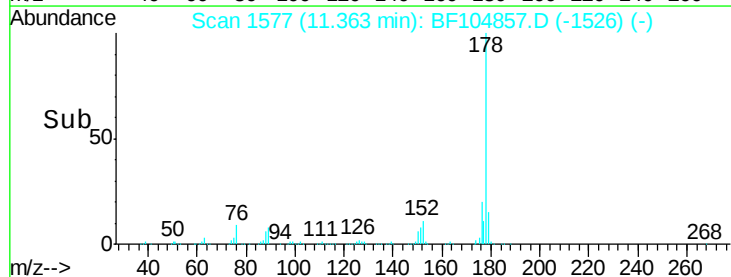
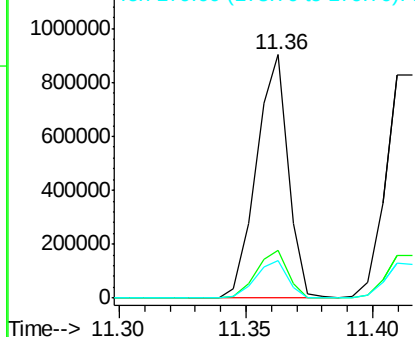


#70
 Phenanthrene
 Concen: 36.349 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:178 Resp: 790932
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

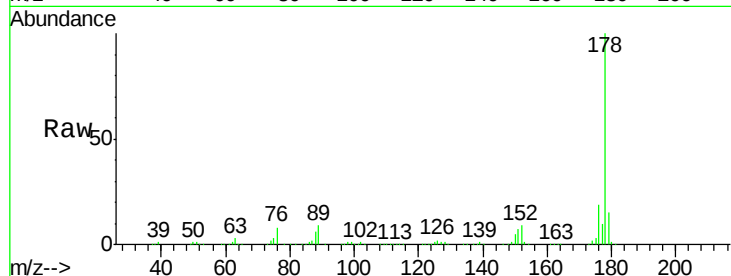




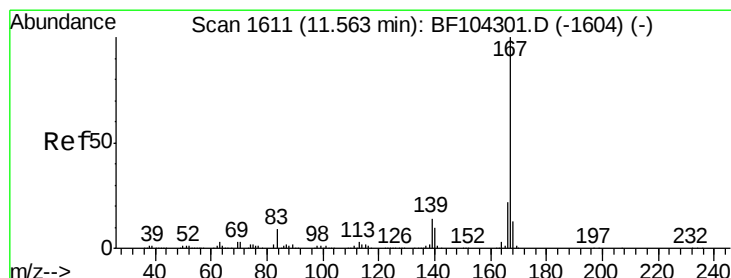
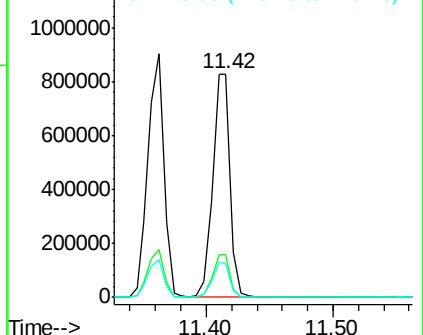
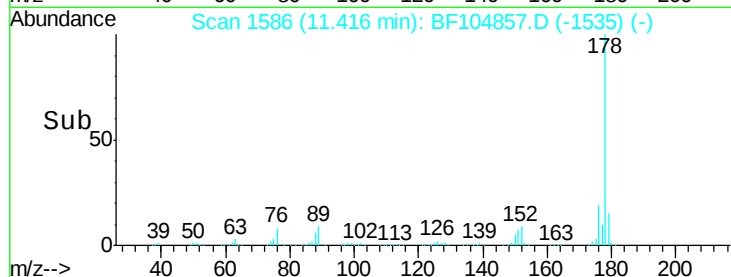
#71
 Anthracene
 Concen: 36.242 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 801636
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.0 12.6 19.0

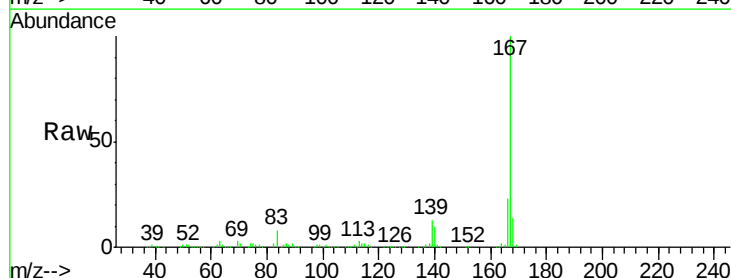


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

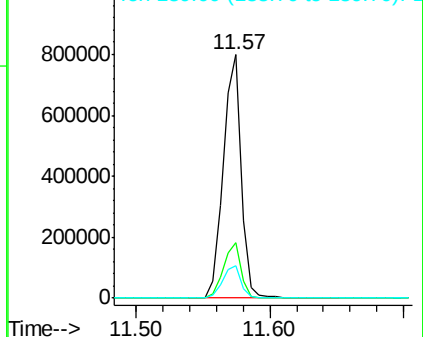
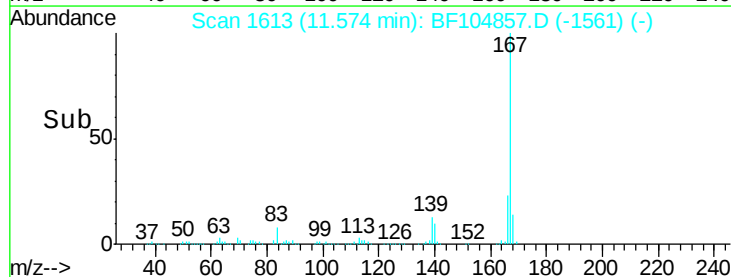


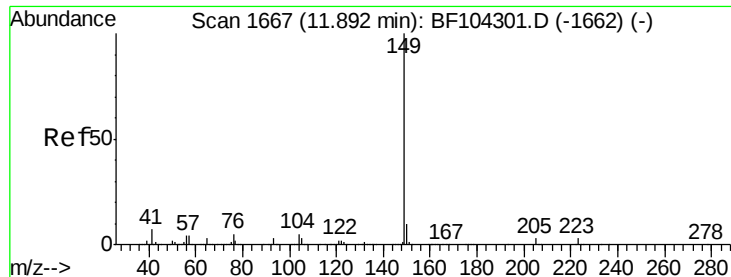
#72
 Carbazole
 Concen: 35.291 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:167 Resp: 762786
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.2 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: 37.072 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

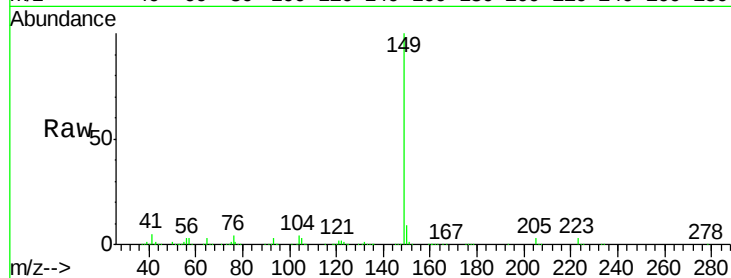
Tot Ion:149 Resp: 978810

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

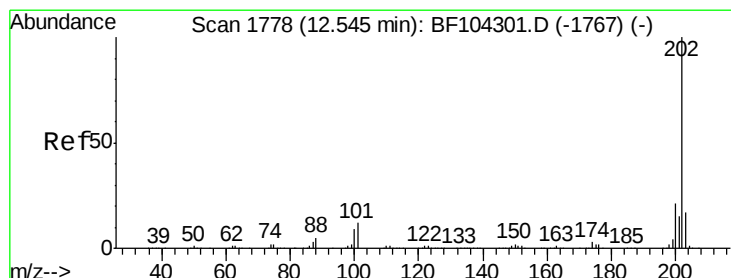
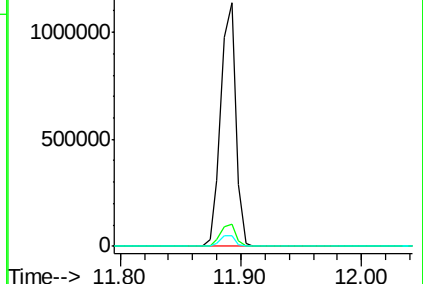
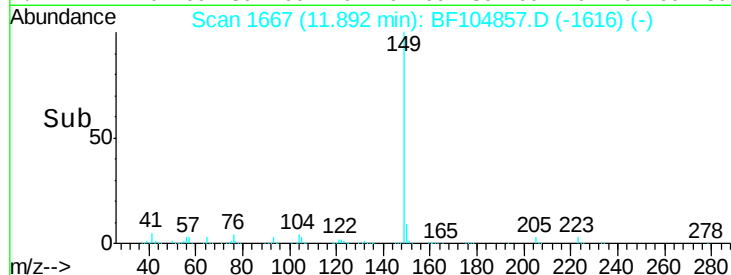
104 4.4 3.8 5.8



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: 32.707 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

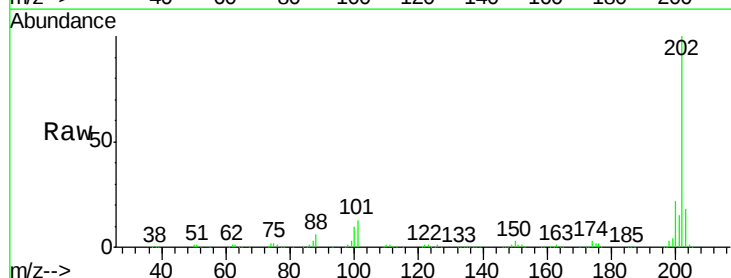
Tgt Ion:202 Resp: 743575

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

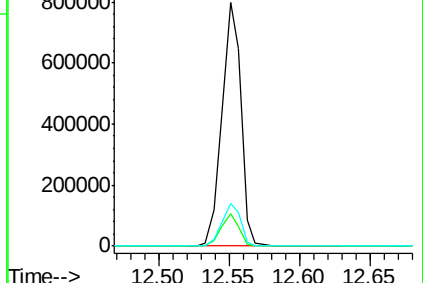
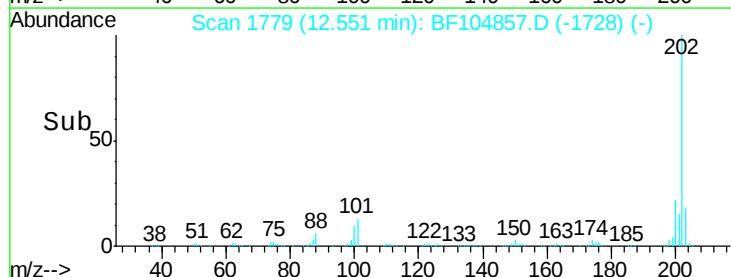
203 17.7 0.0 38.1

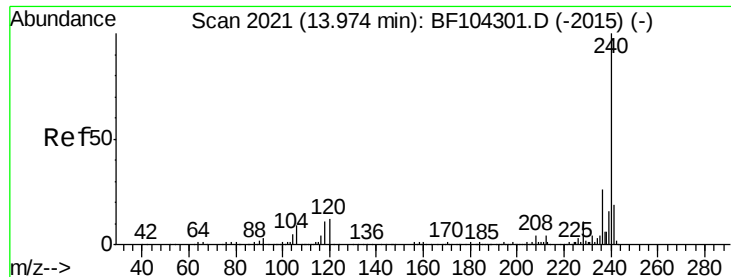


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

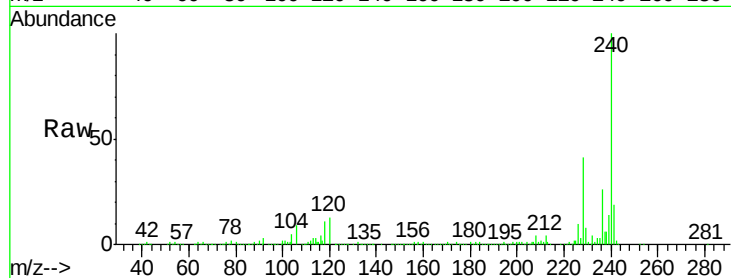
Tot Ion:240 Resp: 276176

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

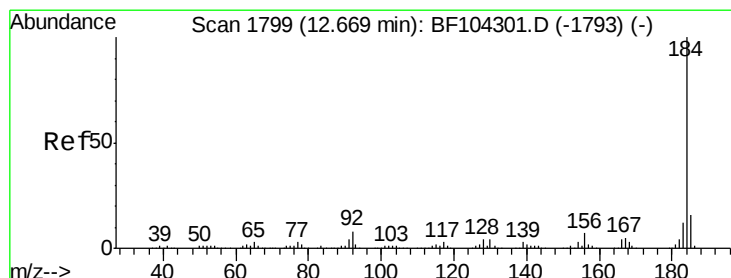
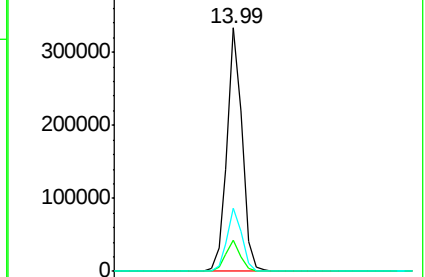
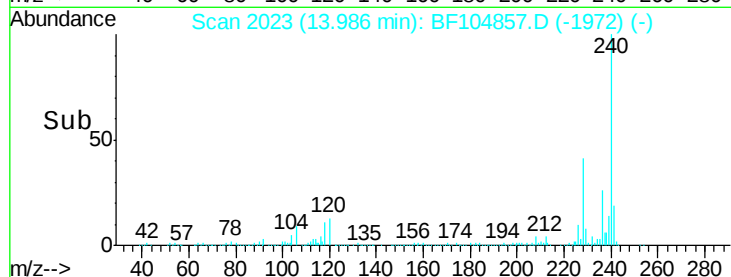
236 25.8 20.7 31.1



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: 44.600 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

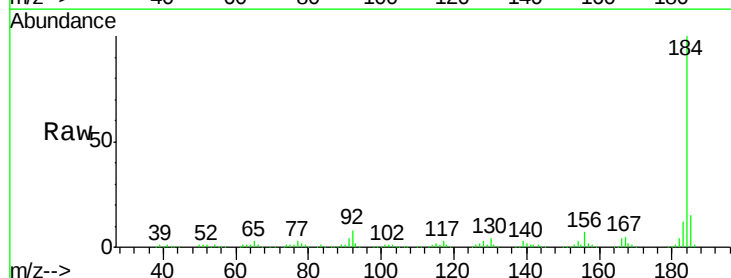
Tgt Ion:184 Resp: 404448

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

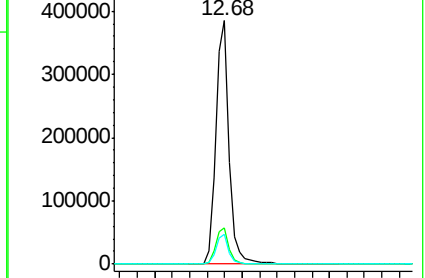
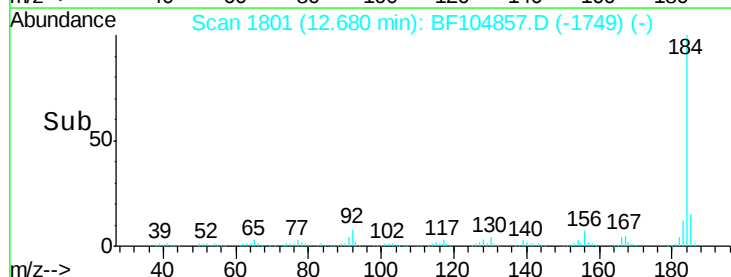
183 12.2 9.3 13.9

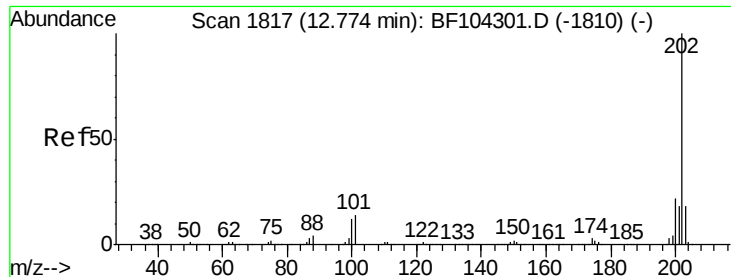


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

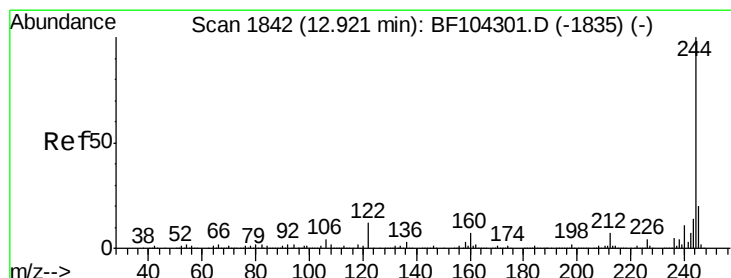
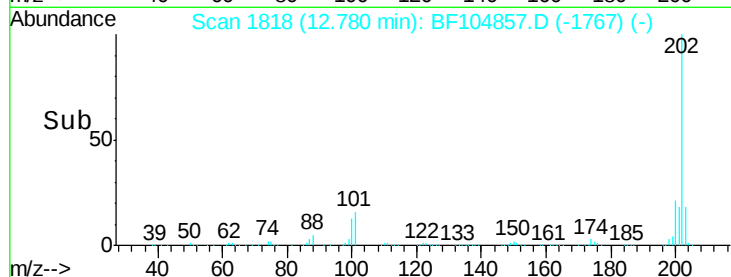
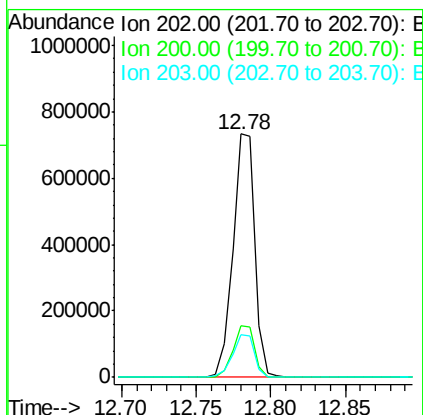
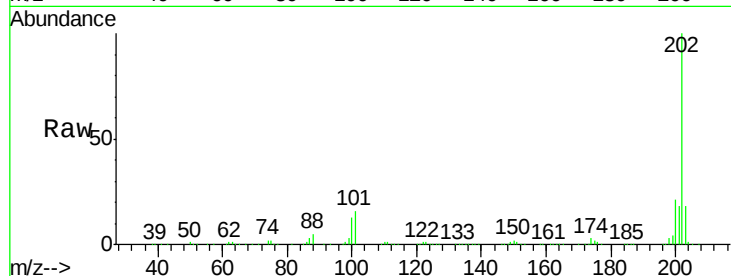




#77
 Pvrene
 Concen: 36.927 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

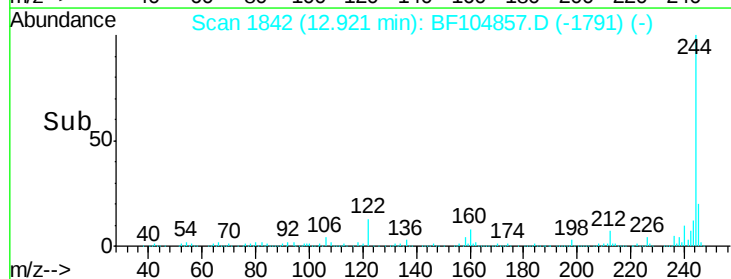
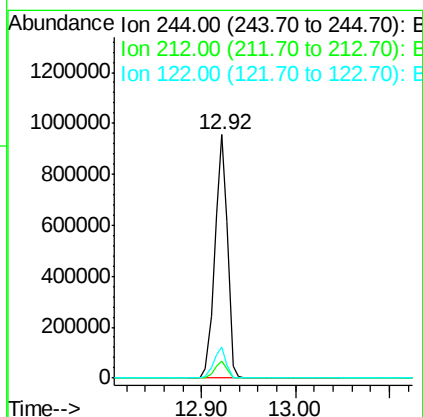
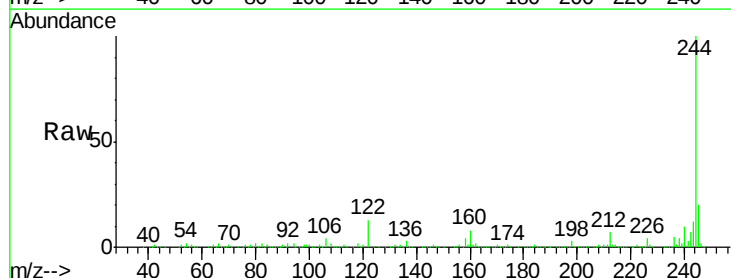
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5



#78
 Terphenyl-d14
 Concen: 74.629 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.8	11.0	16.4

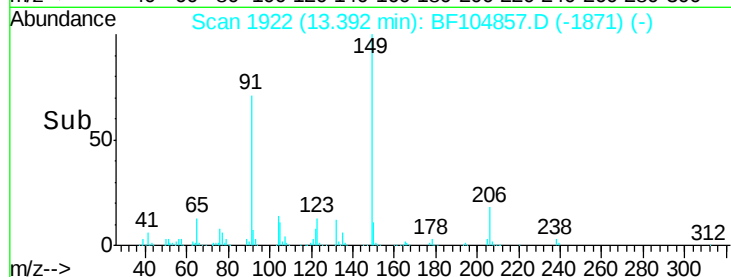
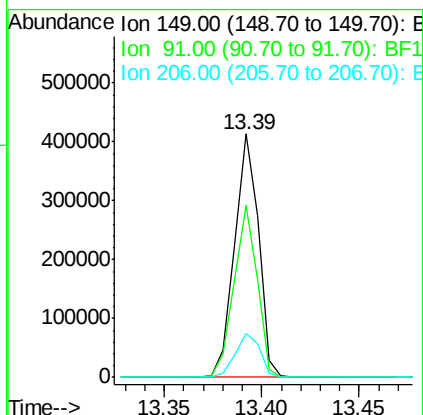
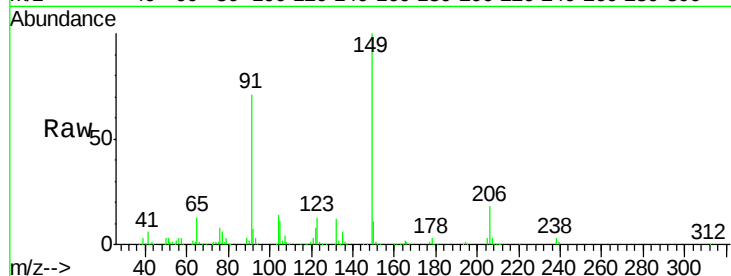




#79
Butylbenzylphthalate
Concen: 36.452 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

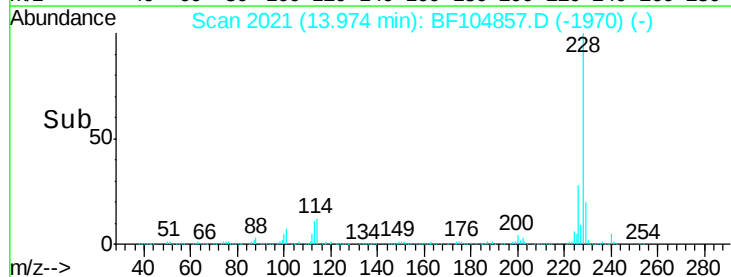
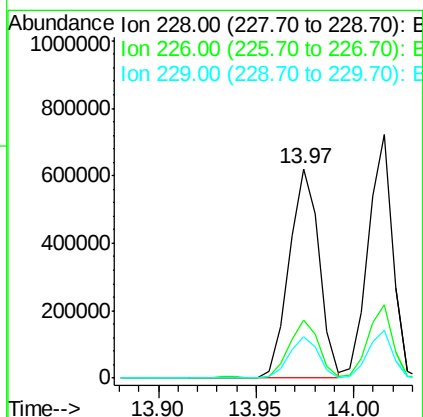
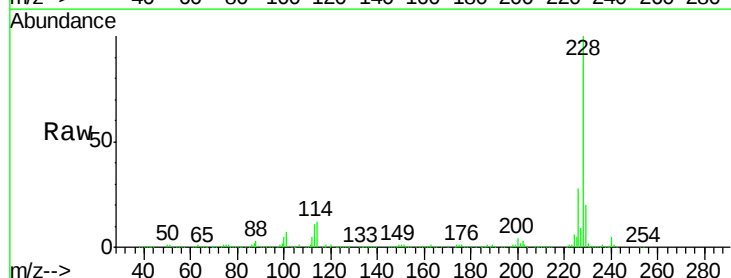
Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	18.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.792 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.6	15.8	23.6

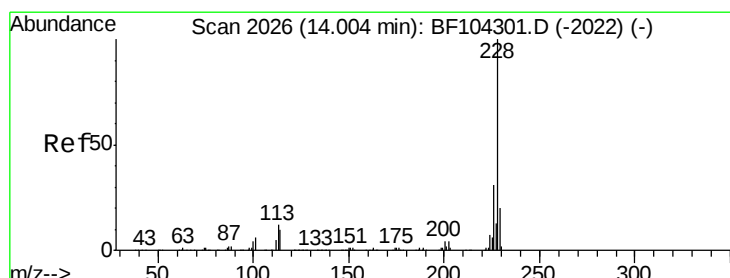
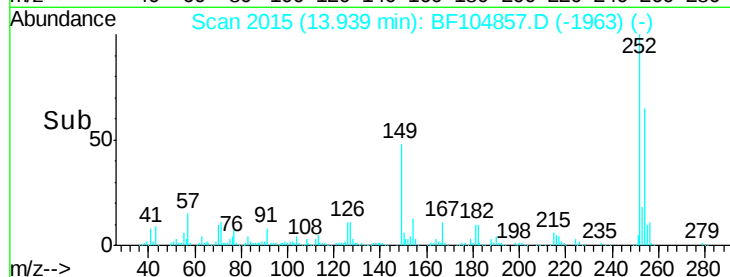
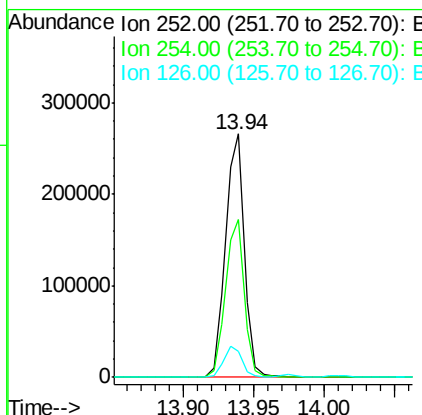
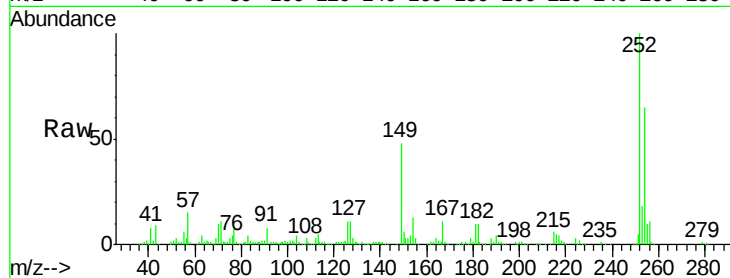




#81
 3,3'-Dichlorobenzidine
 Concen: 40.358 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

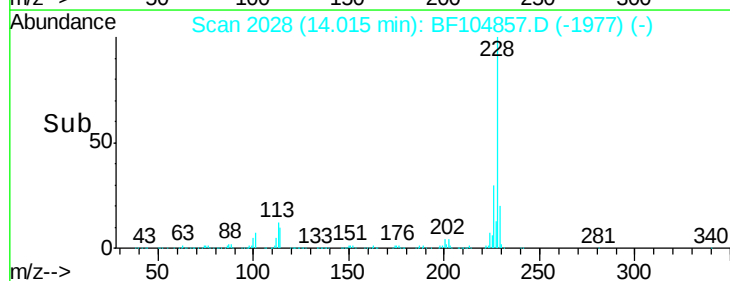
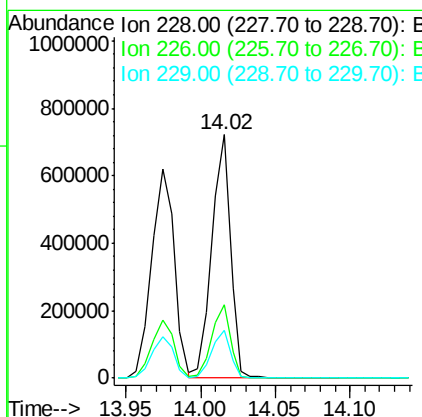
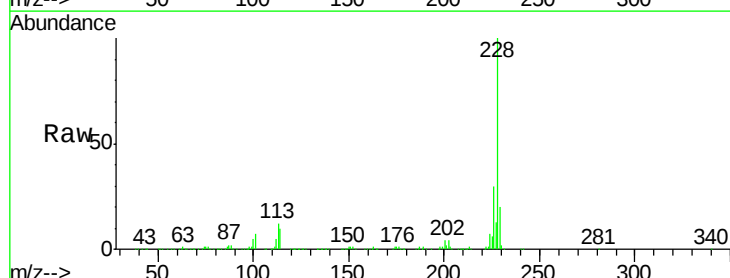
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 248272
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 10.9 11.3 16.9#



#82
 Chrysene
 Concen: 37.195 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion:228 Resp: 630344
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.976 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

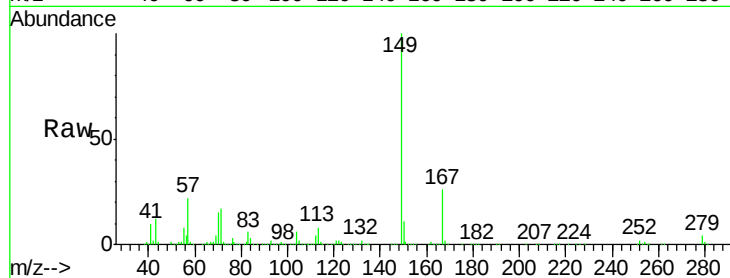
Tot Ion:149 Resp: 471088

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

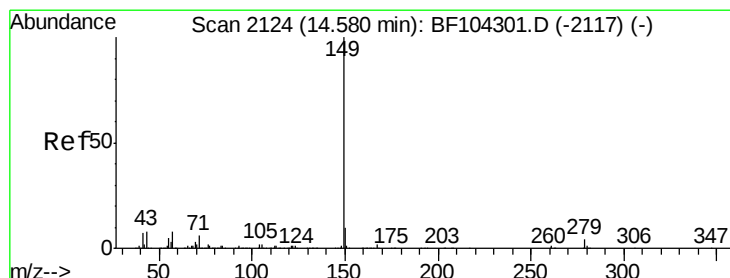
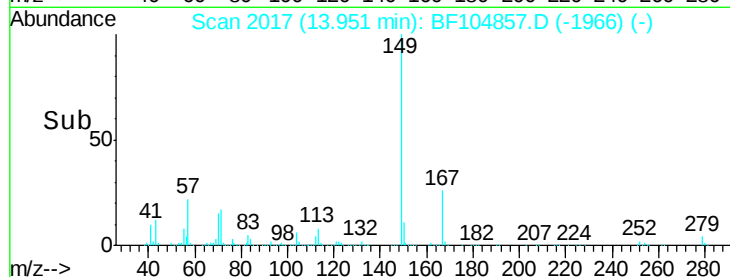
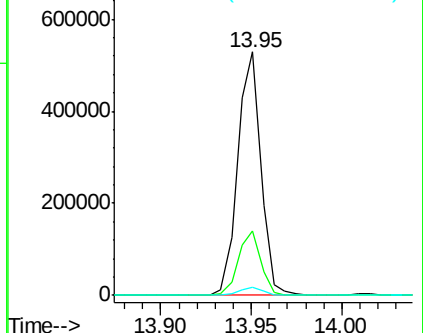
279 3.6 3.0 4.4



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: 35.756 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

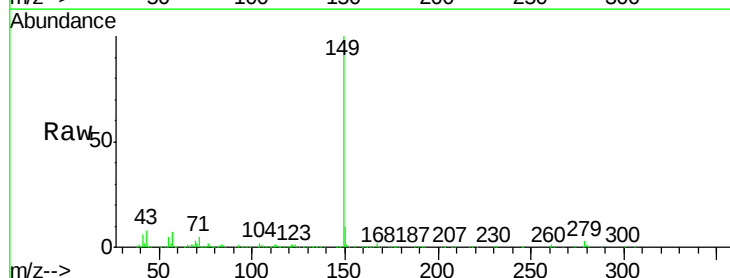
Tgt Ion:149 Resp: 741128

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

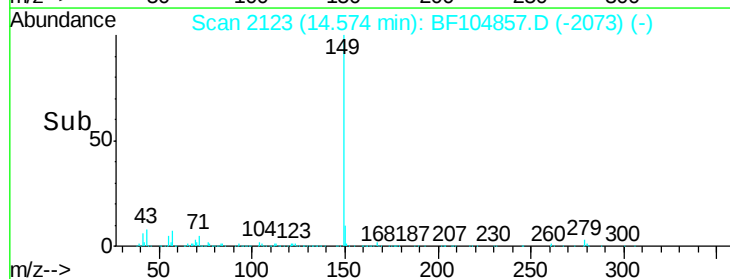
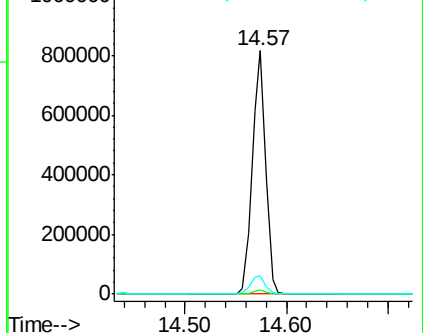
43 8.2 8.4 12.6#

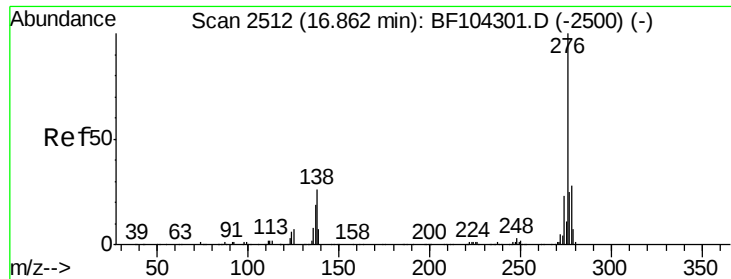


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

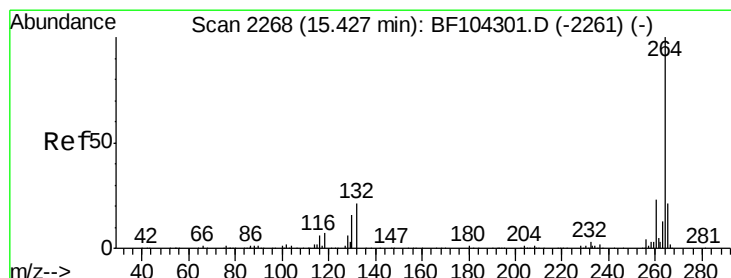
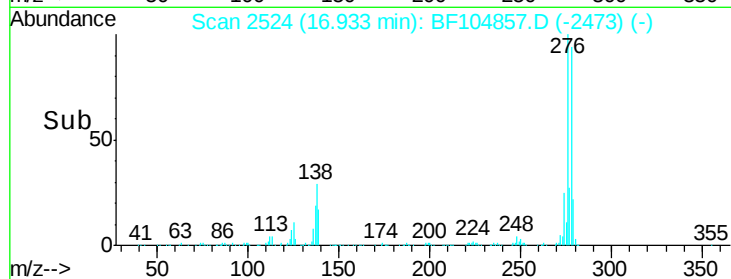
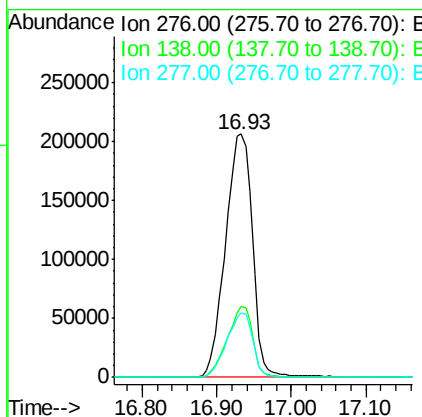
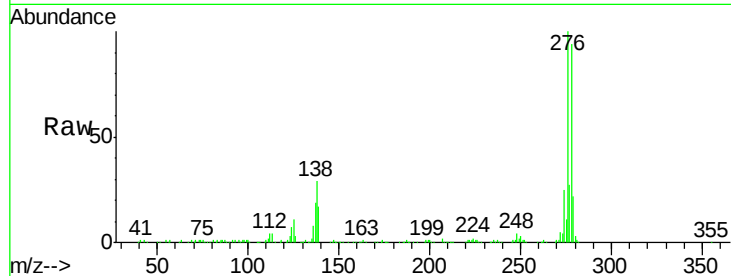




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.226 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

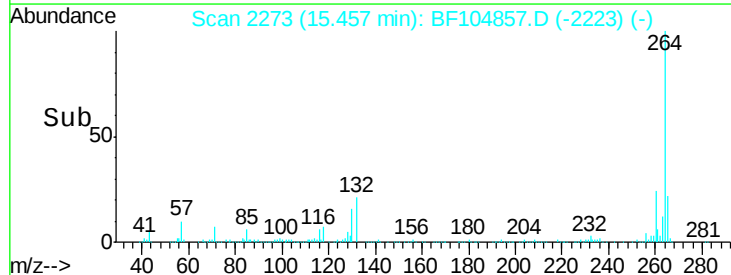
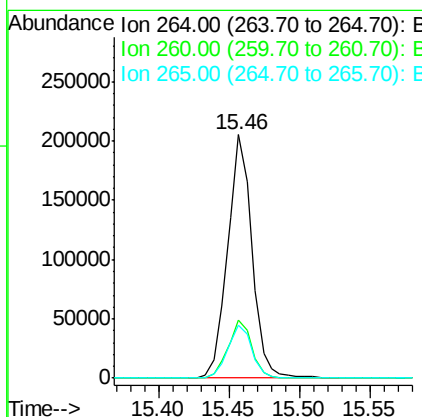
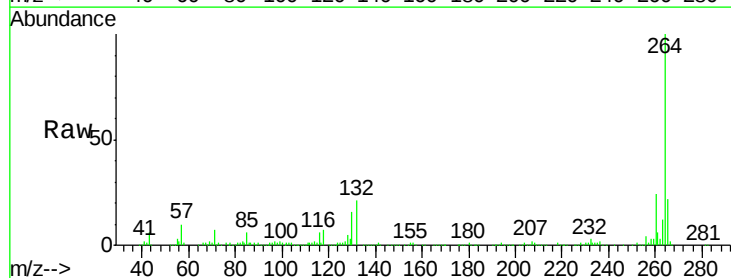
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF104857.D
 Acq: 27 Apr 2018 2:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

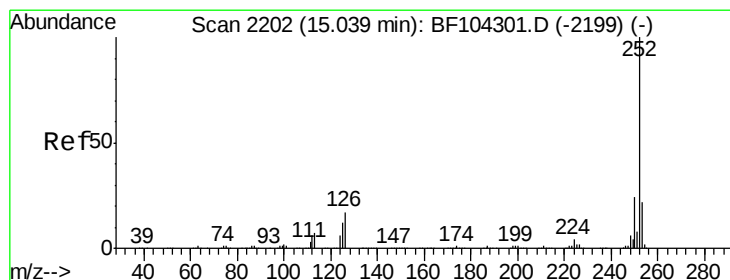
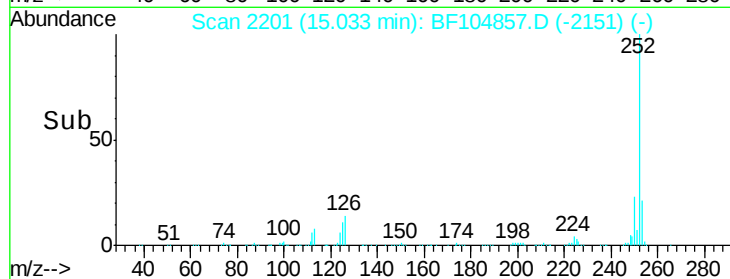
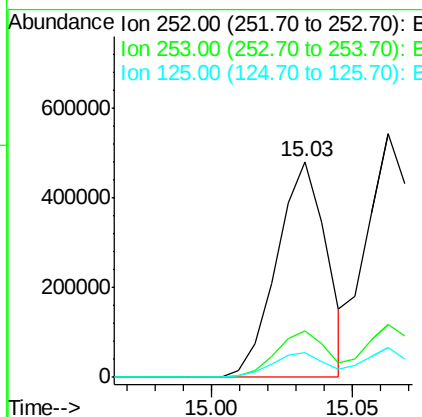
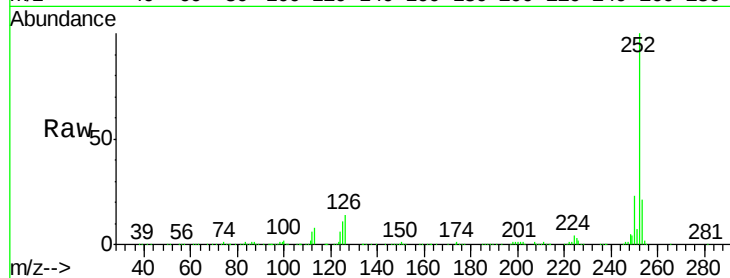




#87
Benzo(b)fluoranthene
Concen: 37.970 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

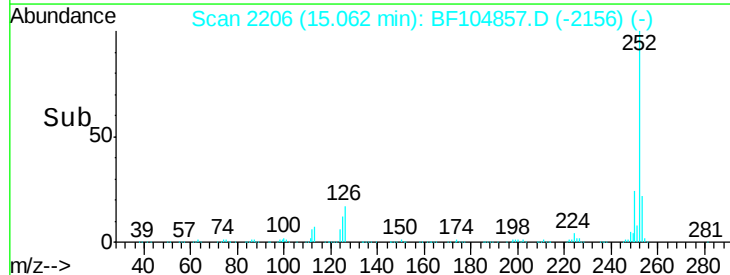
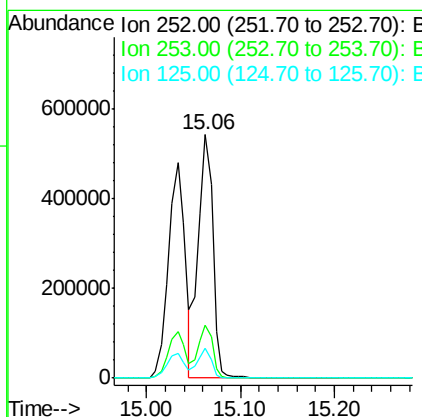
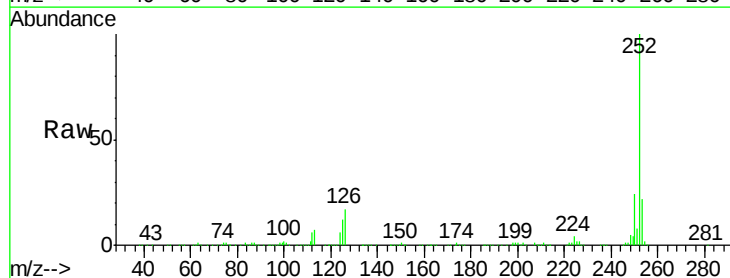
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 589943
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.187 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF104857.D
Acq: 27 Apr 2018 2:57

Tgt Ion:252 Resp: 589471
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.576 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :

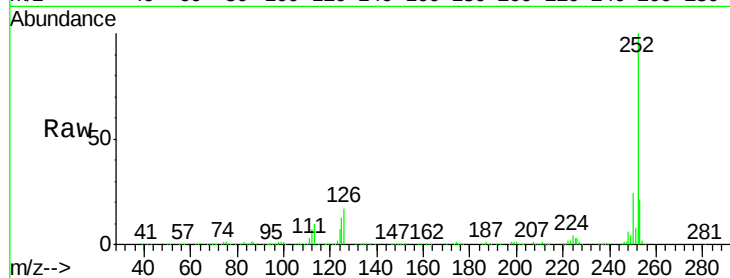
Tot Ion:252 Resp: 536272

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

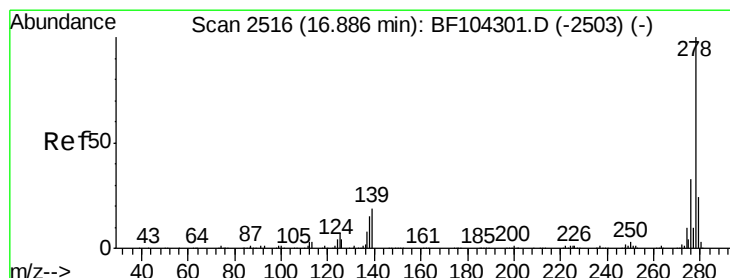
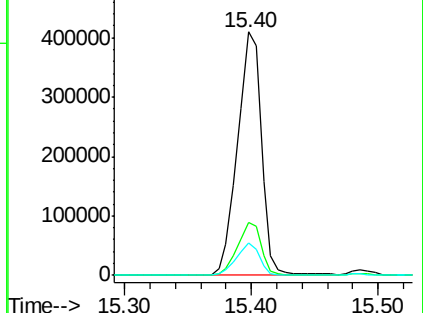
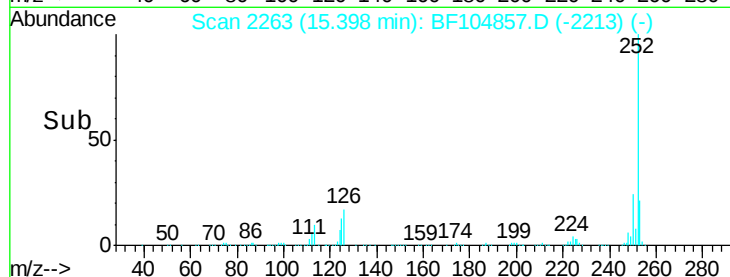
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.708 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

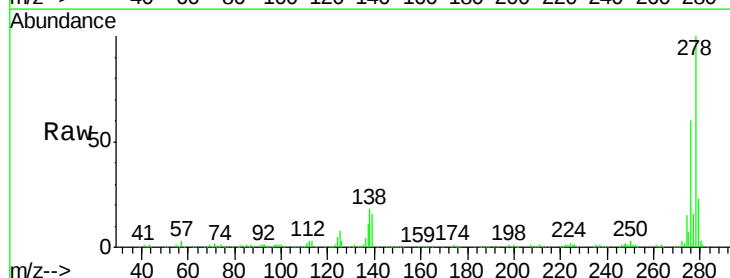
Tgt Ion:278 Resp: 441948

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

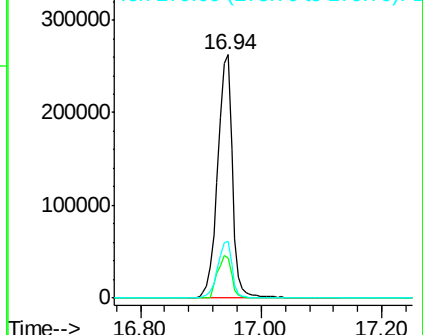
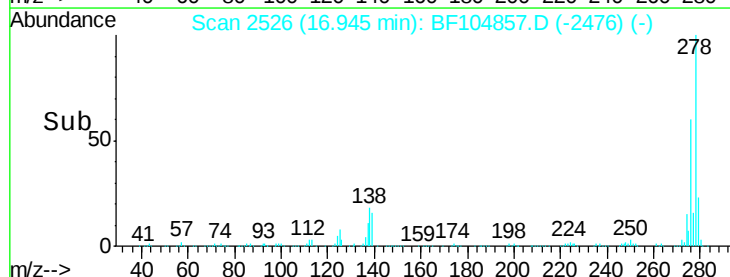
279 23.3 19.0 28.4

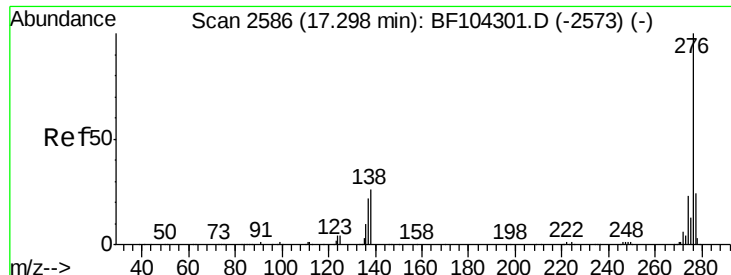


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.853 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

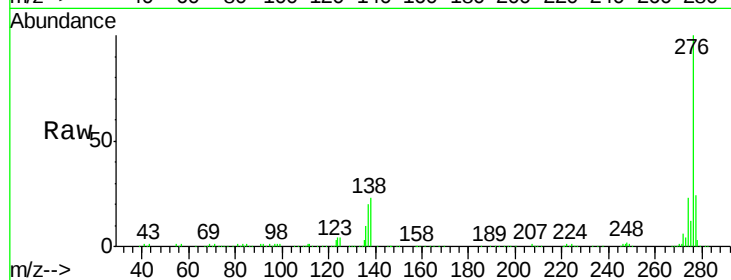
Lab File: BF104857.D

Acq: 27 Apr 2018 2:57

Instrument :

BNA_F

ClientSampleId :



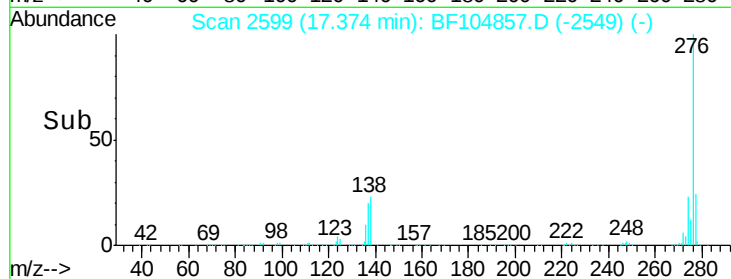
Tot Ion: 276 Resp: 418722

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.2 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

