

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101625.D
 Acq On : 22 Dec 2017 00:54
 Operator : SJ/JU
 Sample : PB105265BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Quant Time: Dec 22 01:56:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136120	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	519130	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202357	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297360	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273394	20.00	ng	0.00
86) Perylene-d12	15.44	264	236602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	760911	83.27	ng	0.01
7) Phenol-d6	6.45	99	852510	74.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	772729	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	138644	71.10	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1184659	90.81	ng	0.00
78) Terphenyl-d14	12.90	244	825481	72.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	167377	35.646	ng	97
3) Pyridine	3.35	79	432454	33.149	ng	96
4) n-Nitrosodimethylamine	3.32	42	219626	36.563	ng	# 95
6) Aniline	6.47	93	184876	11.698	ng	# 72
8) 2-Chlorophenol	6.59	128	359299	37.377	ng	98
9) Benzaldehyde	6.36	77	195639	23.293	ng	99
10) Phenol	6.46	94	461586	35.610	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	368214	36.214	ng	94
12) 1,3-Dichlorobenzene	6.73	146	399484	36.822	ng	98
13) 1,4-Dichlorobenzene	6.82	146	404863	36.543	ng	98
14) 1,2-Dichlorobenzene	6.96	146	361131	36.213	ng	99
15) Benzyl Alcohol	6.95	79	259577	33.160	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	617642	39.692	ng	65
17) 2-Methylphenol	7.06	107	290034	32.800	ng	# 87
18) Hexachloroethane	7.30	117	118700	30.816	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	257576	34.487	ng	93
20) 3+4-Methylphenols	7.22	107	387723	41.379	ng	# 84
22) Acetophenone	7.21	105	496649	41.928	ng	# 93
24) Nitrobenzene	7.39	77	400061	38.760	ng	97
25) Isophorone	7.62	82	727027	38.861	ng	97
26) 2-Nitrophenol	7.70	139	180275	40.655	ng	99
27) 2,4-Dimethylphenol	7.74	122	314068	41.691	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	463683	39.018	ng	99
29) 2,4-Dichlorophenol	7.95	162	289486	38.897	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	295795	37.662	ng	97
31) Naphthalene	8.10	128	963234	36.856	ng	99
32) Benzoic acid	7.89	122	141135	31.154	ng	91
33) 4-Chloroaniline	8.17	127	93244	8.209	ng	# 94
34) Hexachlorobutadiene	8.20	225	170354	37.502	ng	98
35) Caprolactam	8.54	113	92771	35.899	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	287973	35.204	ng	99
37) 2-Methylnaphthalene	8.79	142	616582	36.211	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	293763	42.998	ng	97
40) Hexachlorocyclopentadiene	8.93	237	633	11.946	ng	81

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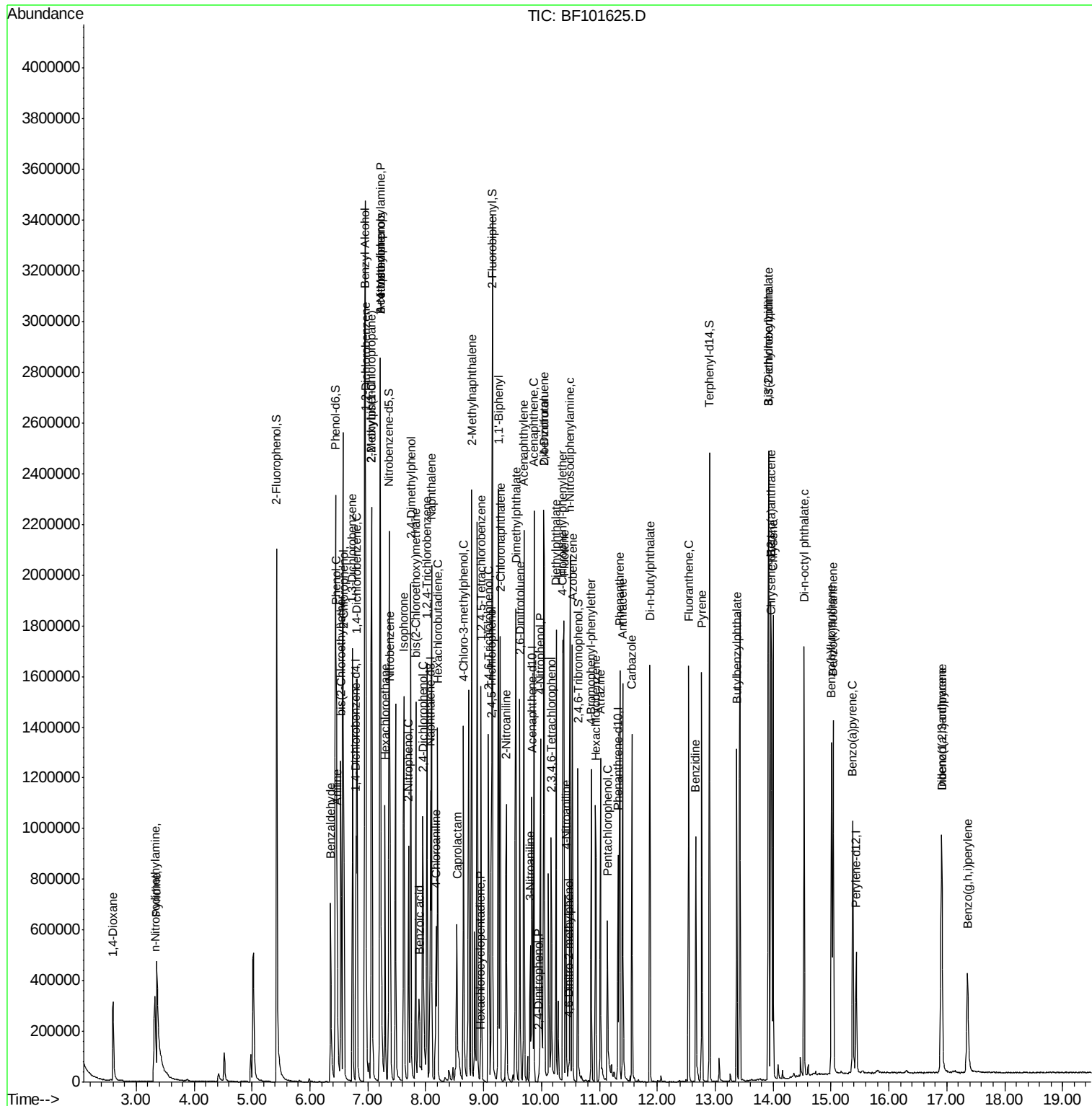
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42) 2,4,6-Trichlorophenol	9.08	196	176583	42.932	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	174185	38.677	nq	95
45) 1,1'-Biphenyl	9.26	154	741450	41.316	nq	98
46) 2-Chloronaphthalene	9.29	162	536398	39.063	nq	96
47) 2-Nitroaniline	9.39	65	194398	40.981	nq	90
48) Acenaphthylene	9.70	152	771508	35.572	nq	100
49) Dimethylphthalate	9.56	163	617957	37.966	nq	99
50) 2,6-Dinitrotoluene	9.63	165	126363	38.197	nq	96
51) Acenaphthene	9.87	154	463498	35.570	nq	99
52) 3-Nitroaniline	9.80	138	81719	19.813	nq	92
53) 2,4-Dinitrophenol	9.95	184	7090	15.680	nq	# 19
54) Dibenzofuran	10.04	168	653948	39.491	nq	98
55) 4-Nitrophenol	9.99	139	121232	67.409	nq	# 87
56) 2,4-Dinitrotoluene	10.05	165	142350	38.192	nq	# 82
57) Fluorene	10.39	166	509612	36.379	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131345	40.593	nq	# 85
59) Diethylphthalate	10.25	149	607090	37.664	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	263063	39.183	nq	95
61) 4-Nitroaniline	10.42	138	111456	26.885	nq	97
62) Azobenzene	10.53	77	580744	34.780	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	10827	7.135	nq	84
65) n-Nitrosodiphenylamine	10.49	169	473028	43.081	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	149420	44.720	nq	# 86
67) Hexachlorobenzene	10.93	284	143334	40.533	nq	95
68) Atrazine	11.02	200	143189	43.736	nq	97
69) Pentachlorophenol	11.14	266	103464	75.628	nq	97
70) Phenanthrene	11.35	178	633984	38.338	nq	99
71) Anthracene	11.40	178	649775	38.467	nq	99
72) Carbazole	11.56	167	575221	36.372	nq	99
73) Di-n-butylphthalate	11.87	149	812292	42.317	nq	99
74) Fluoranthene	12.54	202	642942	37.041	nq	99
76) Benzidine	12.66	184	415340	35.970	nq	98
77) Pyrene	12.77	202	682881	33.282	nq	99
79) Butylbenzylphthalate	13.37	149	307066	33.075	nq	97
80) Benzo(a)anthracene	13.96	228	679495	37.640	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	237632	40.370	nq	# 98
82) Chrysene	14.00	228	655256	38.443	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	402210	34.204	nq	100
84) Di-n-octyl phthalate	14.53	149	816674	38.942	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	444741	29.301	nq	96
87) Benzo(b)fluoranthene	15.01	252	632545	43.861	nq	98
88) Benzo(k)fluoranthene	15.04	252	543454	38.758	nq	98
89) Benzo(a)pyrene	15.38	252	532390	40.046	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	380963	33.375	nq	98
91) Benzo(g,h,i)perylene	17.36	276	362048	32.032	nq	95

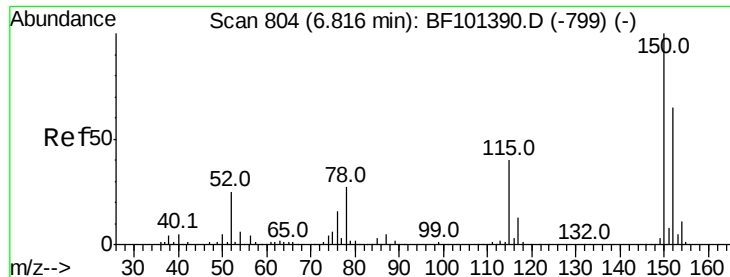
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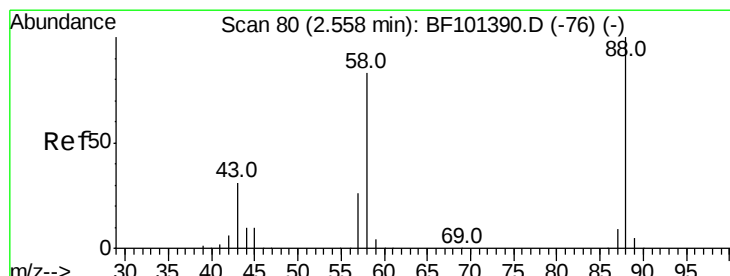
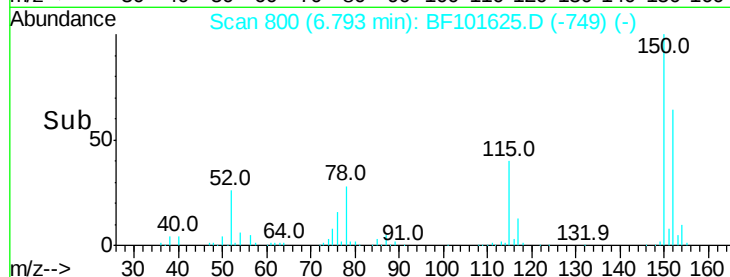
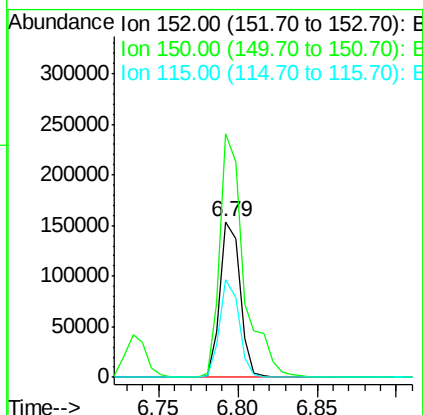
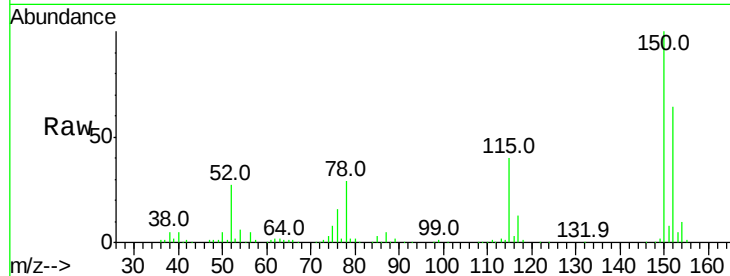


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

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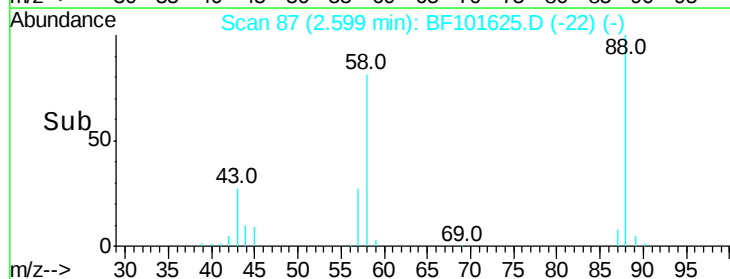
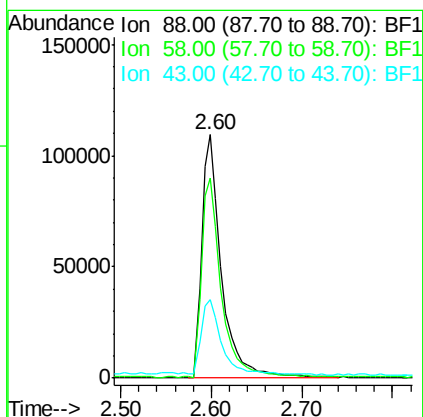
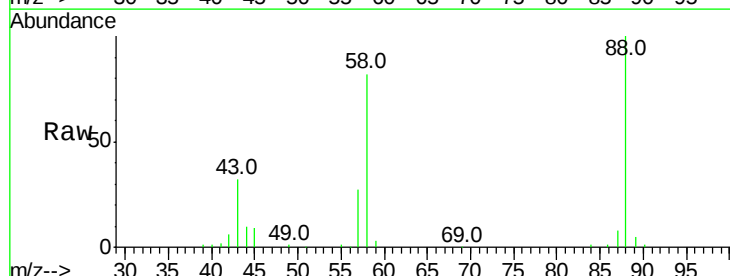
Tot Ion:152 Resp: 136120
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 62.8 50.1 75.1

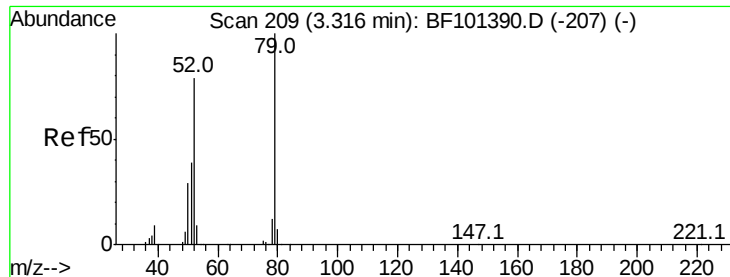


#2

1,4-Dioxane
Concen: 35.646 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 88 Resp: 167377
Ion Ratio Lower Upper
88 100
58 81.0 62.6 93.8
43 30.2 24.6 37.0

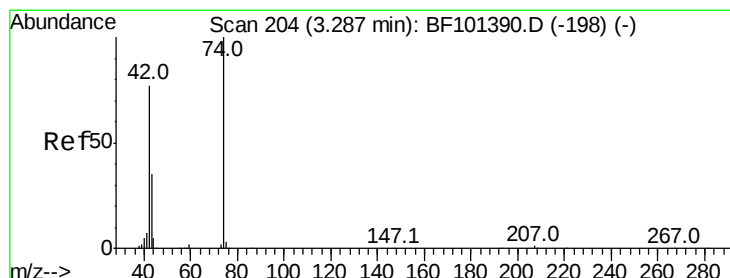
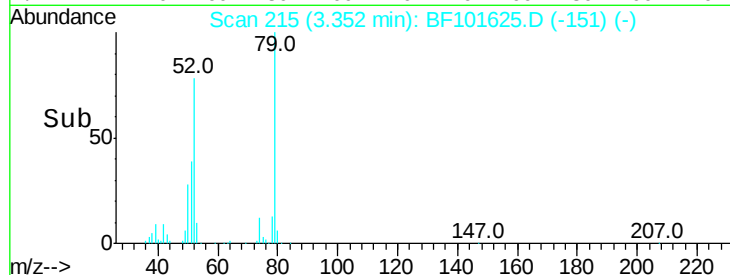
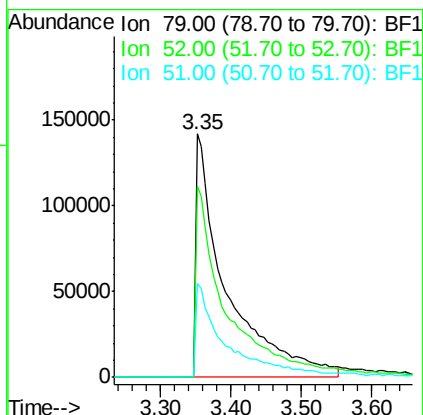
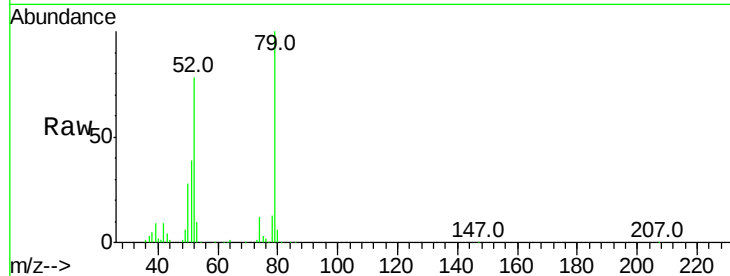




#3
 Pvridine
 Concen: 33.149 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.08 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

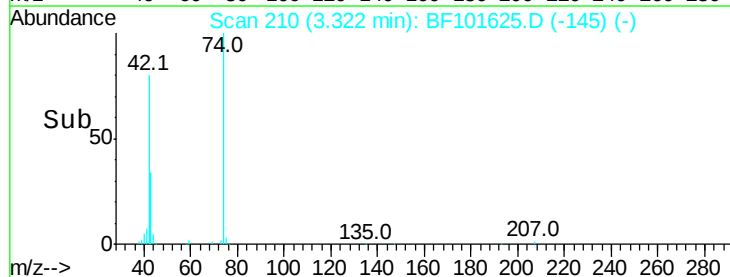
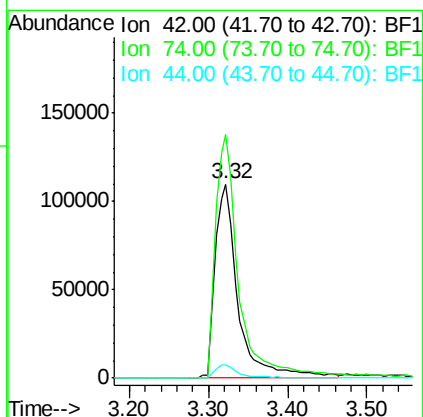
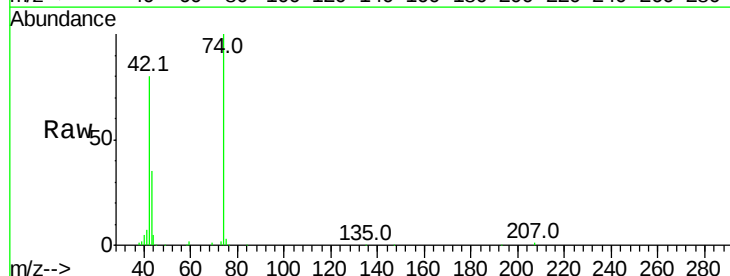
Instrument :
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 ClientSampleId :
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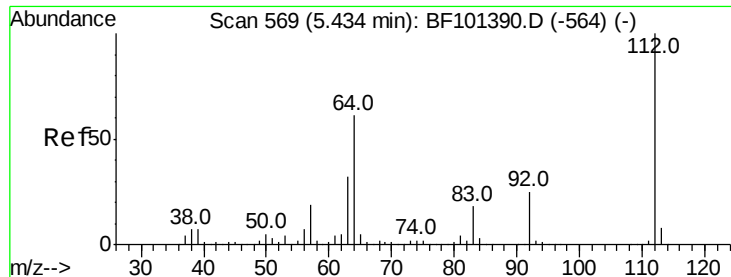
Tot Ion: 79 Resp: 432454
 Ion Ratio Lower Upper
 79 100
 52 78.4 59.8 89.6
 51 38.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.563 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.08 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion: 42 Resp: 219626
 Ion Ratio Lower Upper
 42 100
 74 125.7 104.9 157.3
 44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 83.267 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

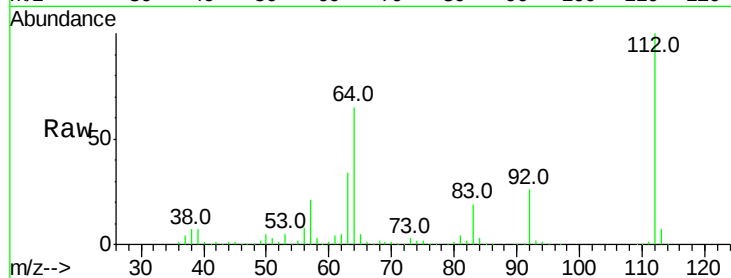
Tot Ion:112 Resp: 760911

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

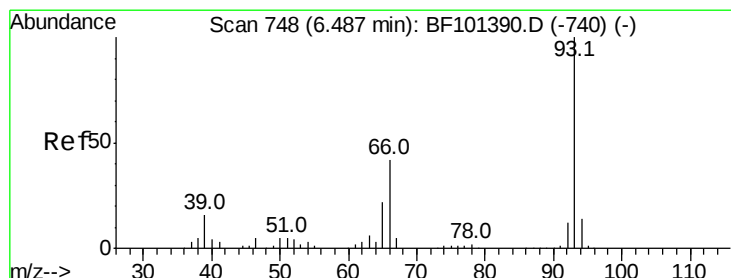
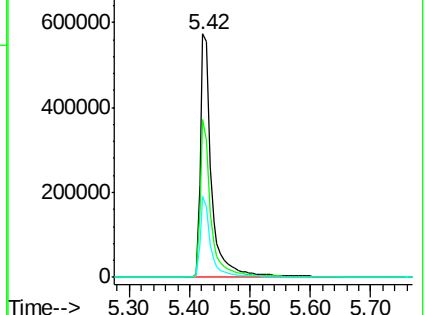
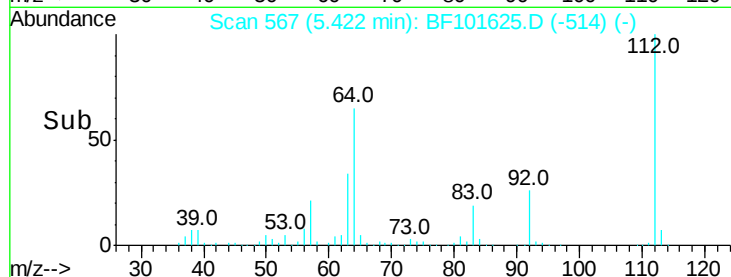
63 33.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.698 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

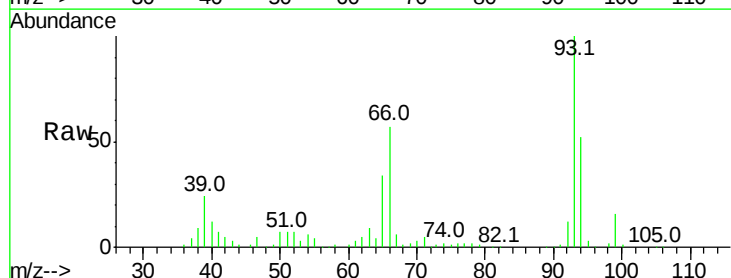
Tgt Ion: 93 Resp: 184876

Ion Ratio Lower Upper

93 100

66 56.9 32.2 48.2#

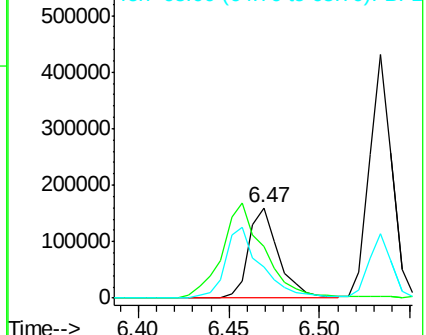
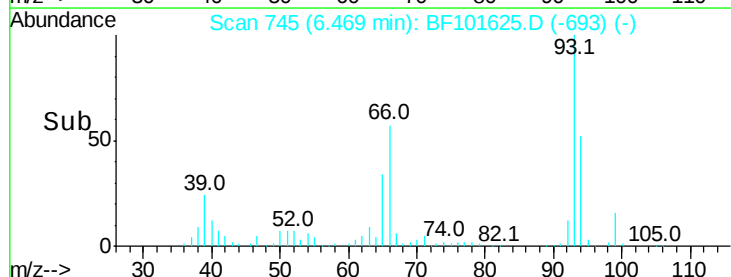
65 34.0 16.4 24.6#

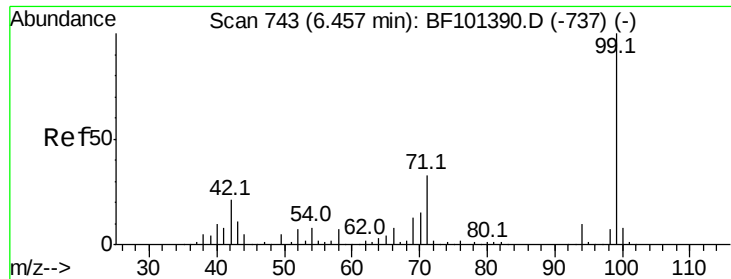


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.961 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101625.D

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PB105265BS

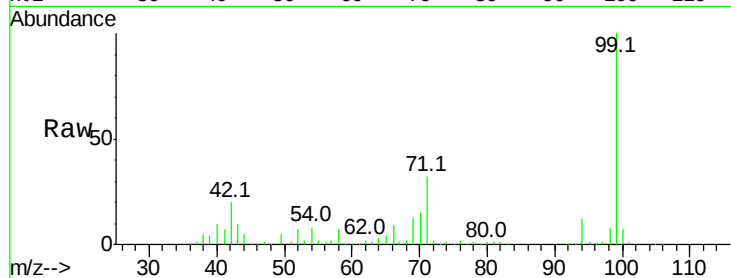
Tot Ion: 99 Resp: 852510

Ion Ratio Lower Upper

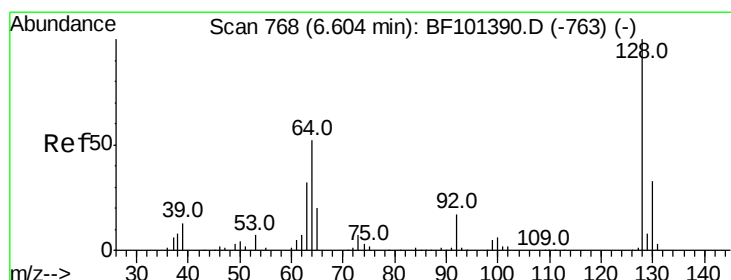
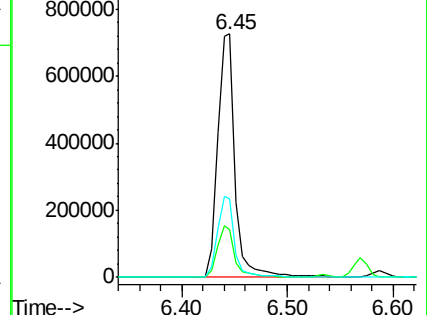
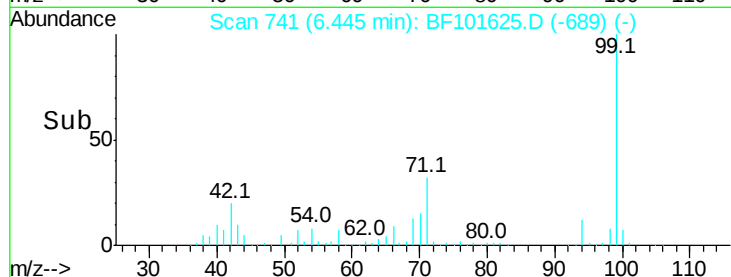
99 100

42 19.8 14.5 21.7

71 32.0 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: 37.377 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

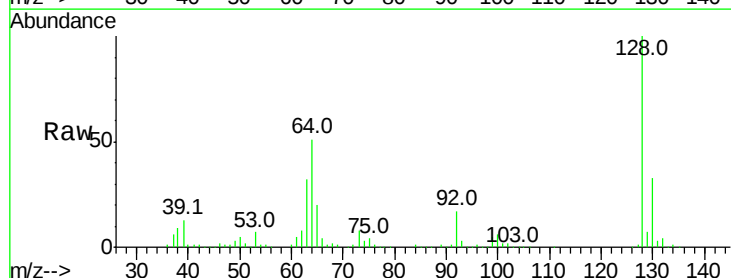
Tgt Ion: 128 Resp: 359299

Ion Ratio Lower Upper

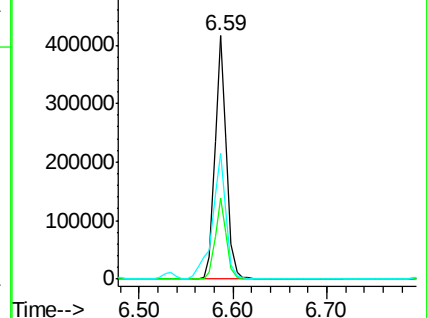
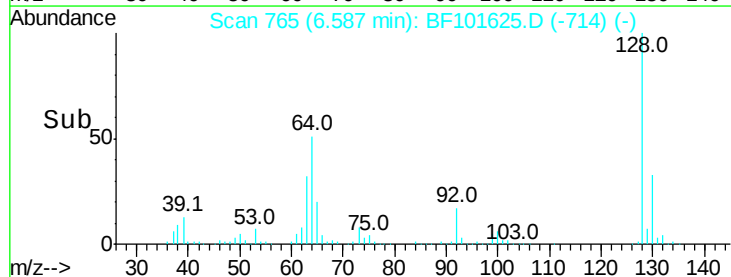
128 100

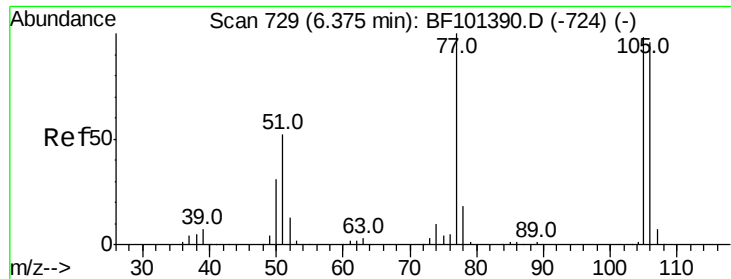
130 33.2 13.0 53.0

64 51.5 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

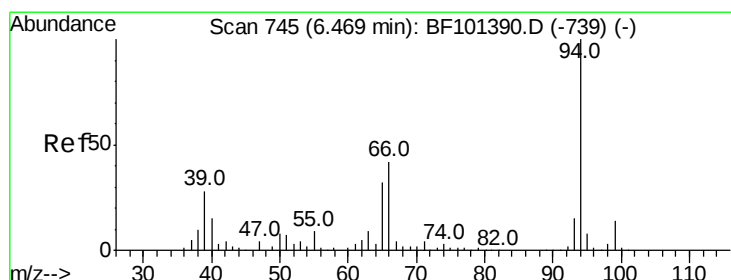
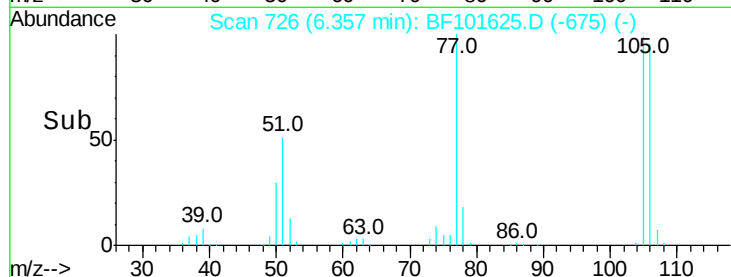
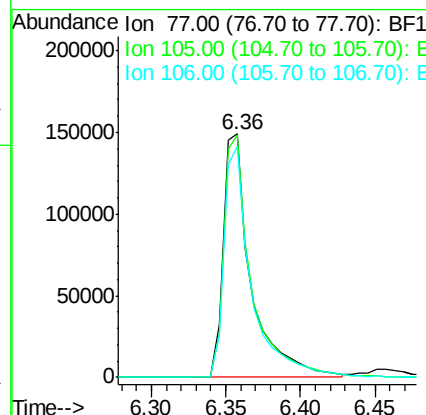
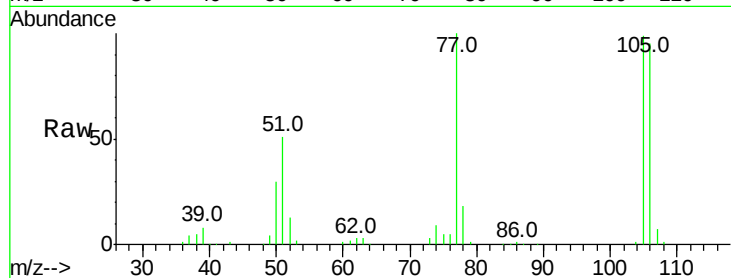




#9
Benzaldehyde
Concen: 23.293 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

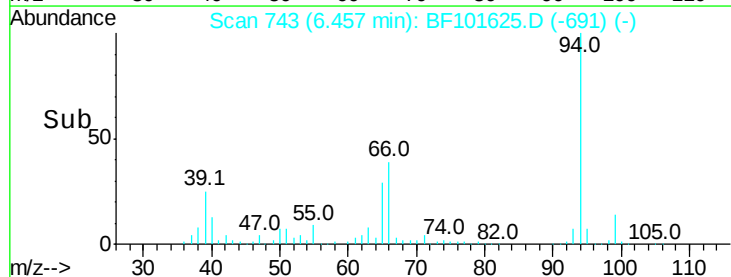
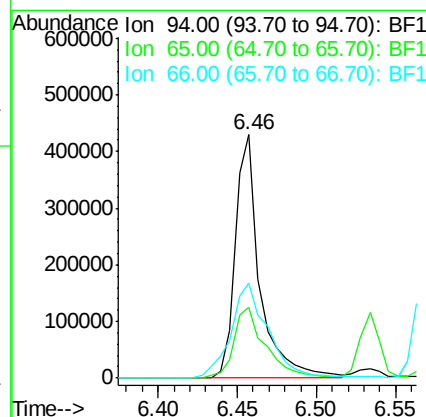
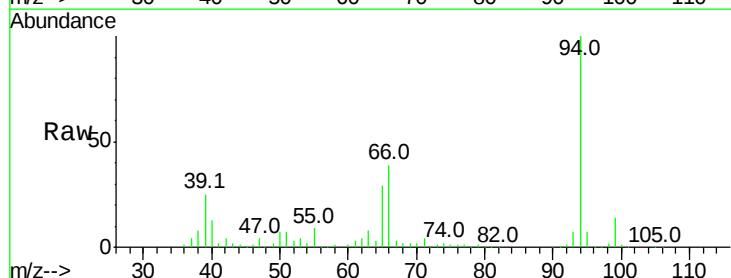
Instrument :
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ClientSampleId :
PB105265BS

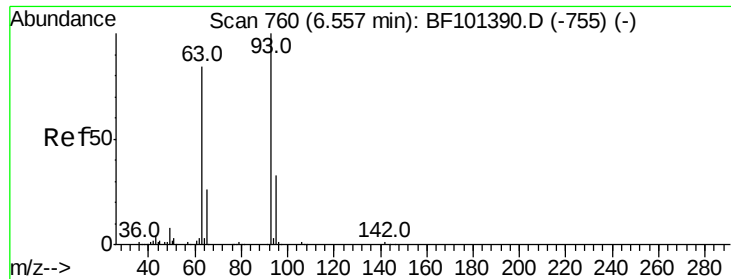
Tot Ion: 77 Resp: 195639
Ion Ratio Lower Upper
77 100
105 99.5 81.1 121.1
106 94.6 74.5 114.5



#10
Phenol
Concen: 35.610 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 94 Resp: 461586
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 39.1 16.2 56.2

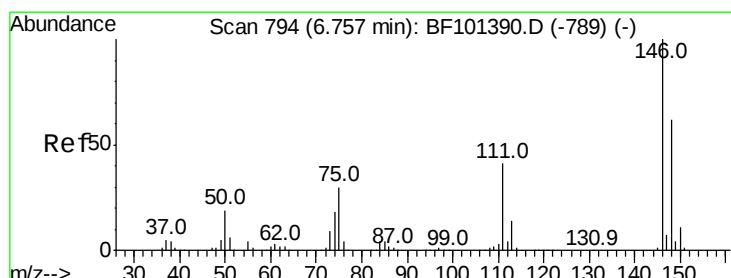
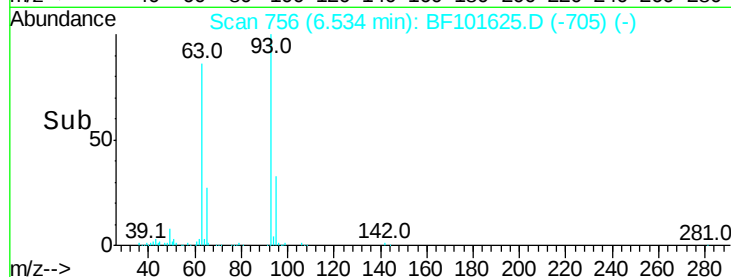
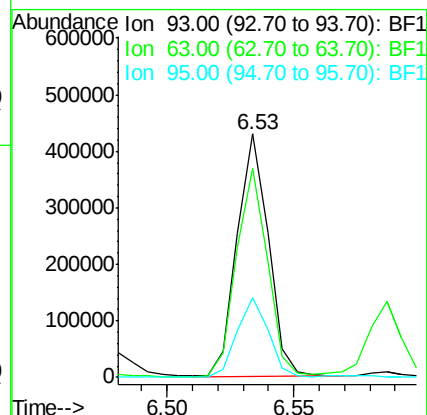
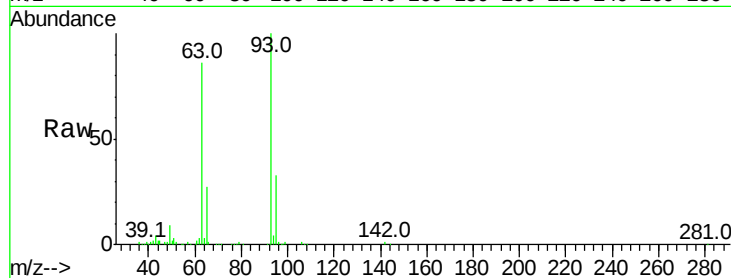




#11
bis(2-Chloroethyl)ether
Concen: 36.214 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

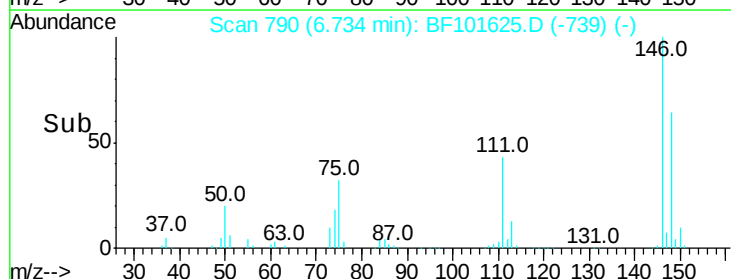
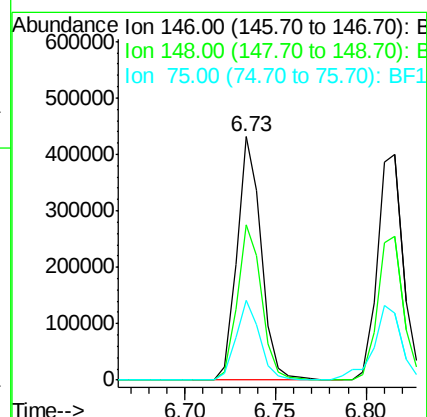
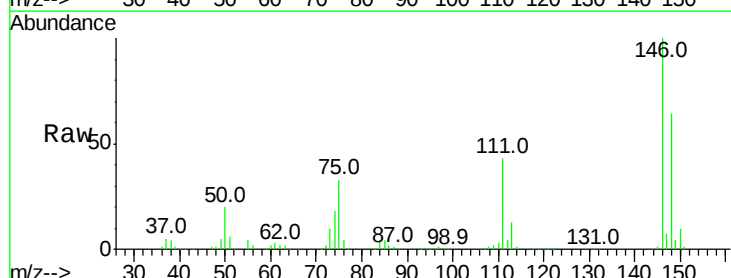
Instrument :
BNA_F
ClientSampleId :
PB105265BS

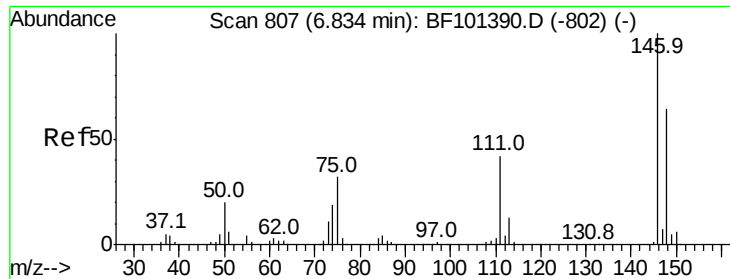
Tot Ion: 93 Resp: 368214
Ion Ratio Lower Upper
93 100
63 85.7 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.822 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 146 Resp: 399484
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 32.5 24.2 36.4

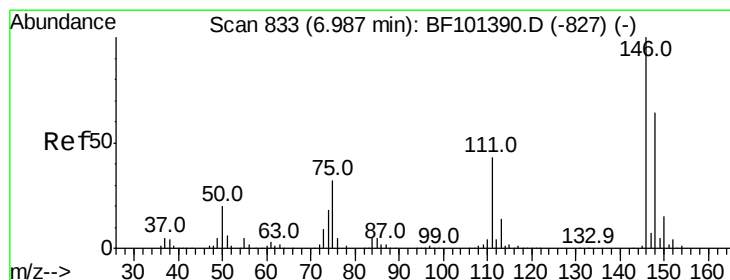
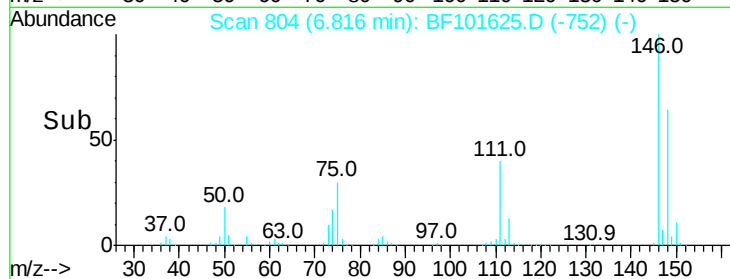
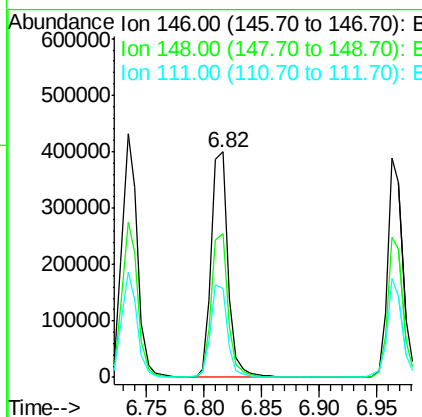
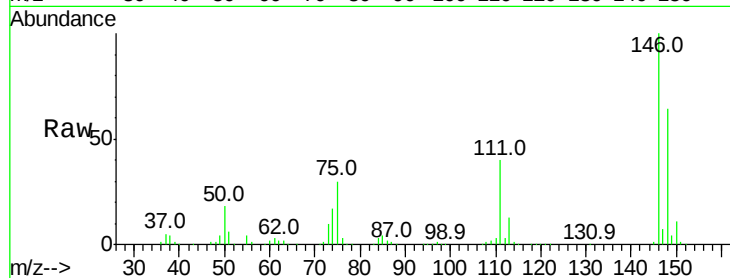




#13
 1,4-Dichlorobenzene
 Concen: 36.543 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

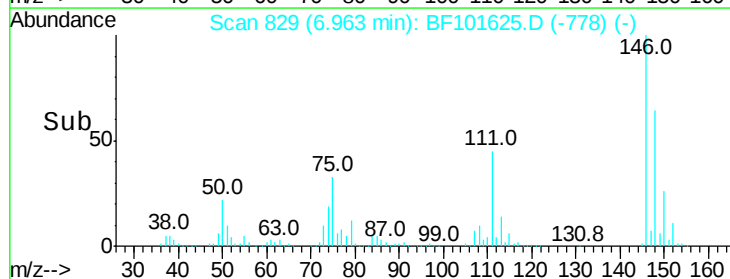
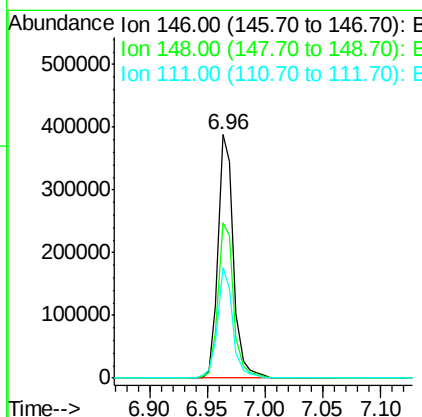
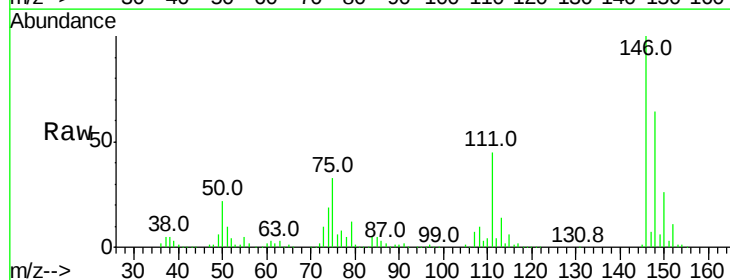
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

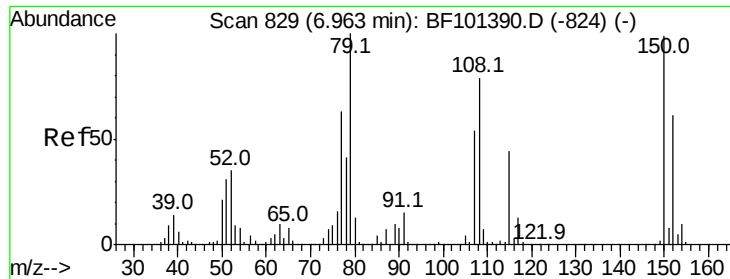
Tot Ion:146 Resp: 404863
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 39.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.213 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:146 Resp: 361131
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 45.2 36.0 54.0

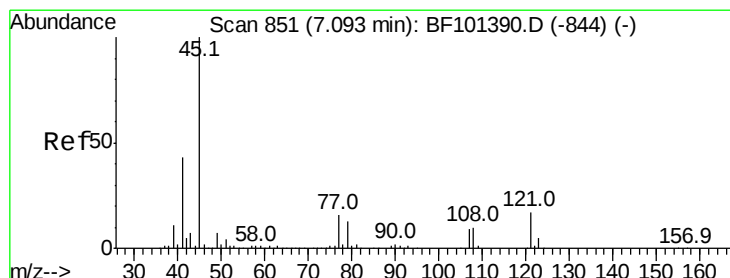
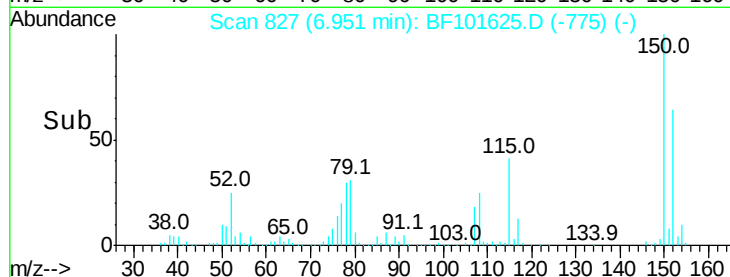
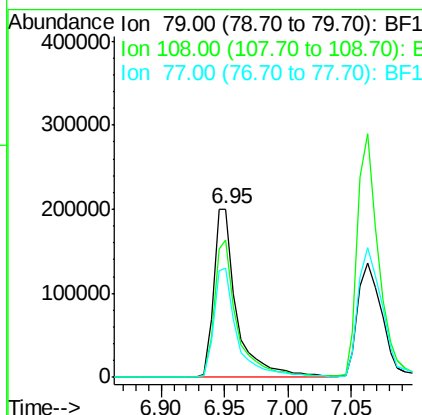
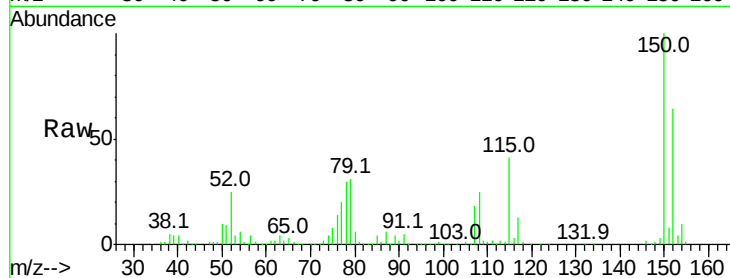




#15
Benzyl Alcohol
Concen: 33.160 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

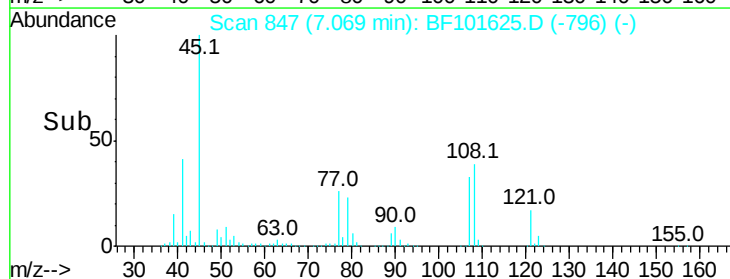
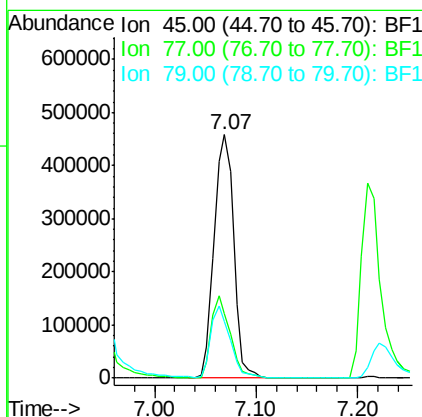
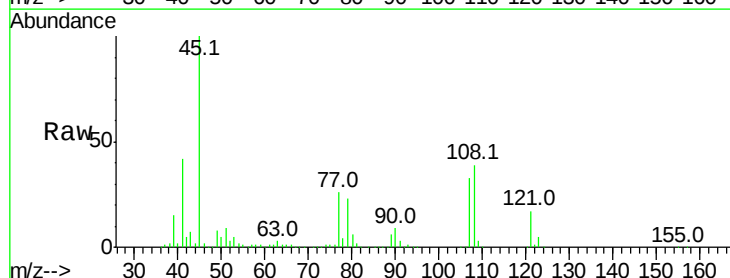
Instrument :
BNA_F
ClientSampleId :
PB105265BS

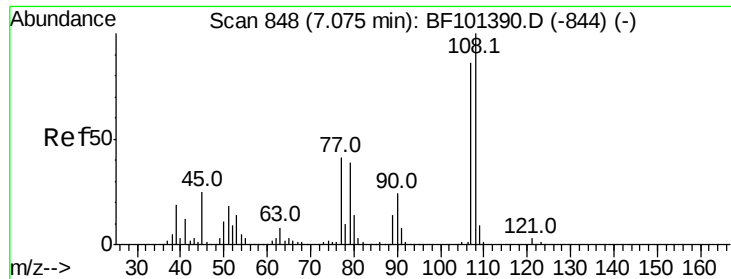
Tot Ion: 79 Resp: 259577
Ion Ratio Lower Upper
79 100
108 81.3 65.1 97.7
77 65.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.692 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 45 Resp: 617642
Ion Ratio Lower Upper
45 100
77 26.3 0.0 32.9
79 23.2 0.0 29.6

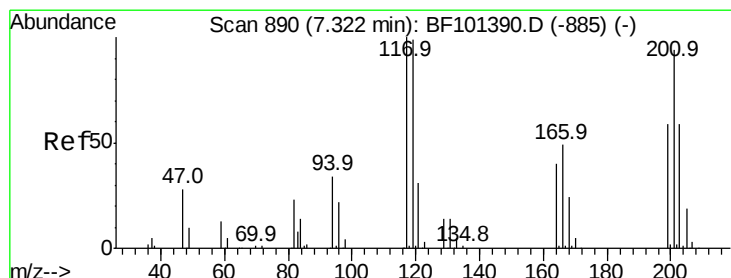
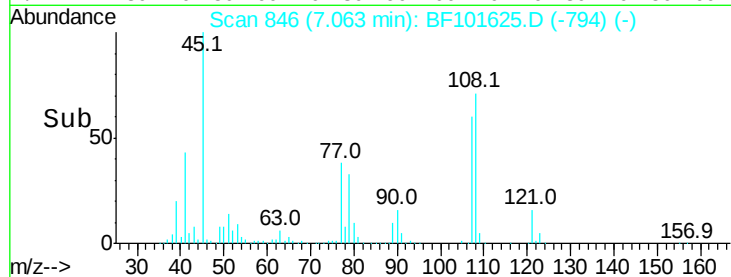
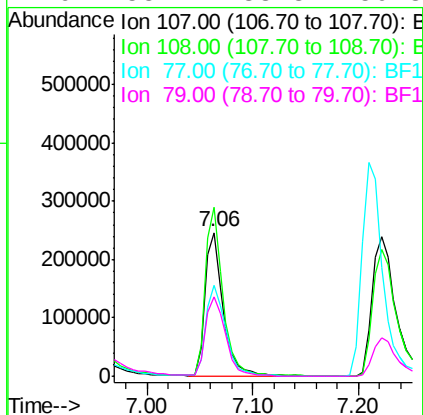
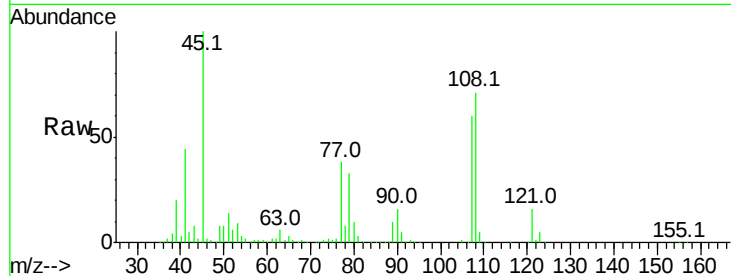




#17
2-Methylphenol
Concen: 32.800 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

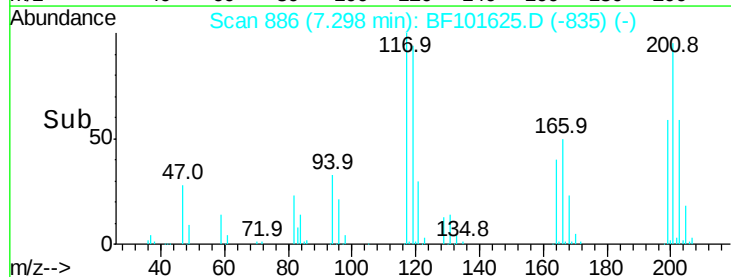
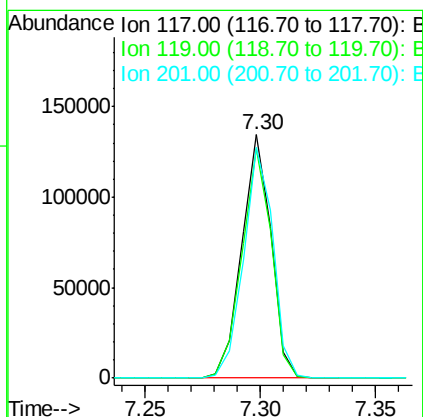
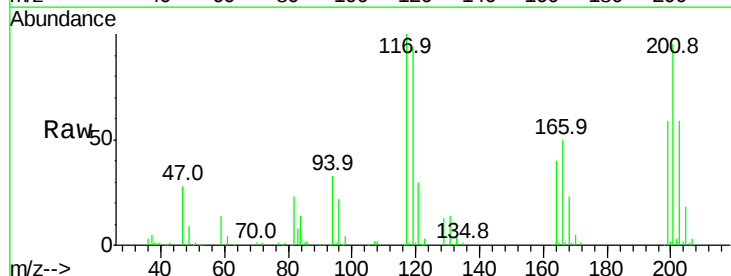
Instrument :
BNA_F
ClientSampleId :
PB105265BS

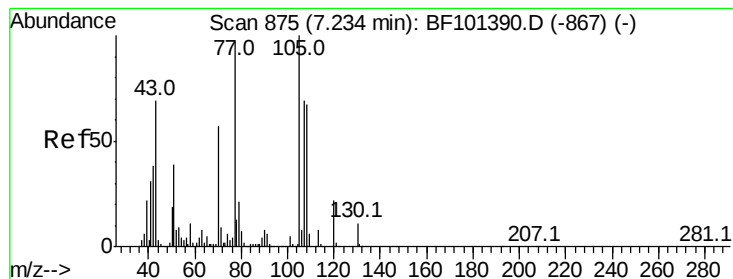
Tot Ion:107 Resp: 290034
Ion Ratio Lower Upper
107 100
108 117.3 91.7 137.5
77 62.8 33.8 50.8#
79 55.4 33.8 50.8#



#18
Hexachloroethane
Concen: 30.816 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:117 Resp: 118700
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 94.6 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.487 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

Tot Ion: 70 Resp: 257576

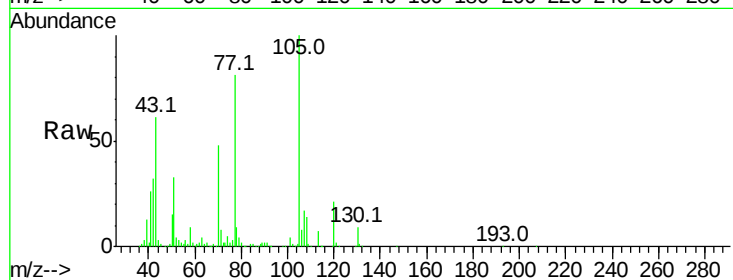
Ion Ratio Lower Upper

70 100

42 65.6 47.5 71.3

101 8.5 7.4 11.2

130 18.0 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

300000

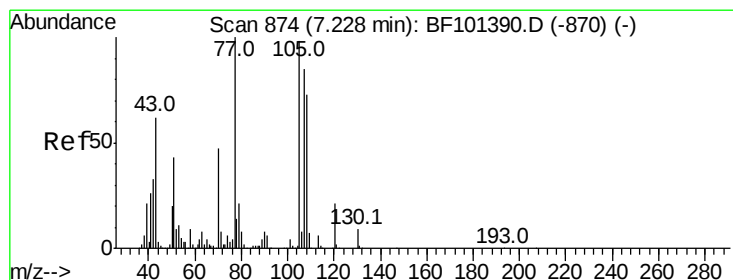
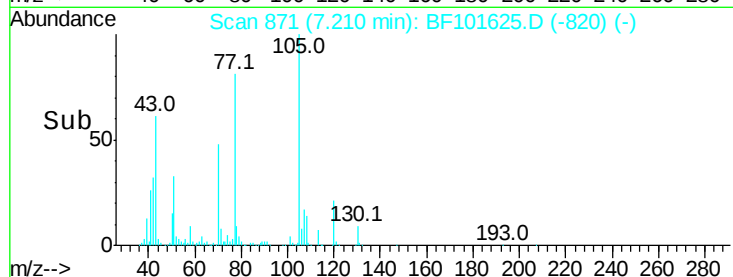
200000

100000

0

7.21

Time-->



#20

3+4-Methylphenols

Concen: 41.379 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Tgt Ion: 107 Resp: 387723

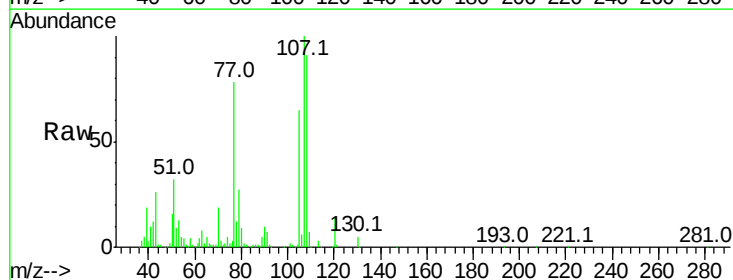
Ion Ratio Lower Upper

107 100

108 91.2 68.2 108.2

77 77.9 26.7 66.7#

79 27.5 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

600000

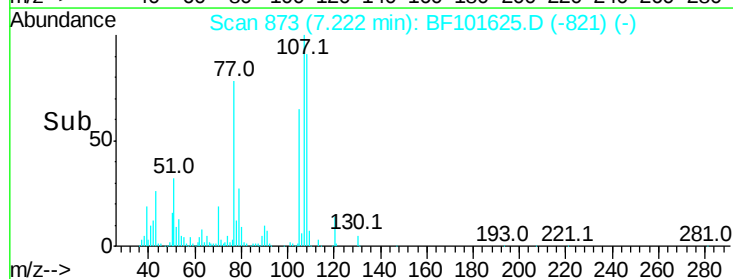
400000

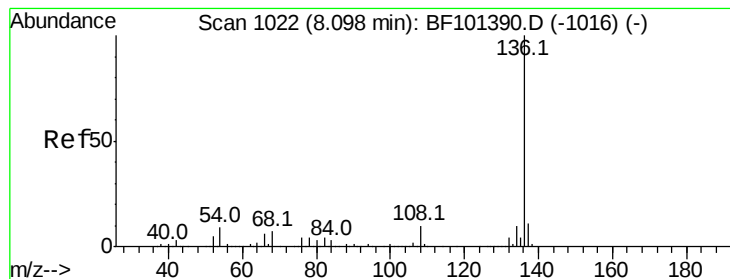
200000

0

7.22

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

Tot Ion:136 Resp: 519130

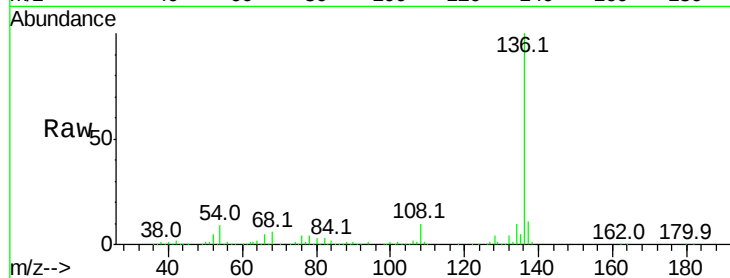
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.7 6.6 9.8

68 6.3 5.0 7.4

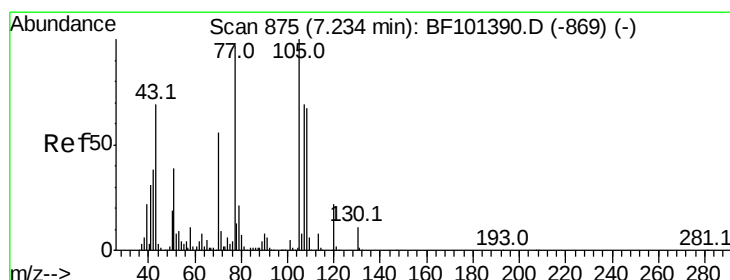
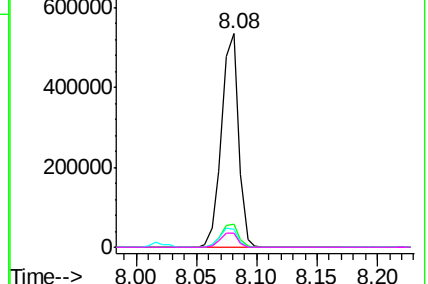
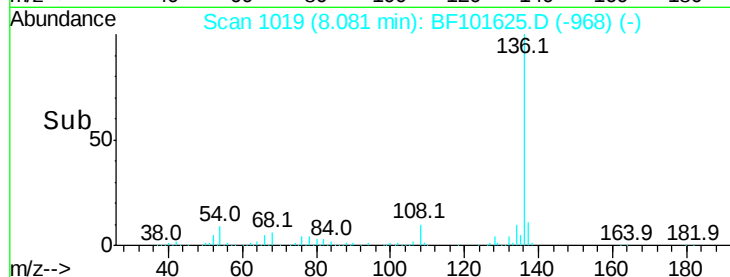


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.928 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Tgt Ion:105 Resp: 496649

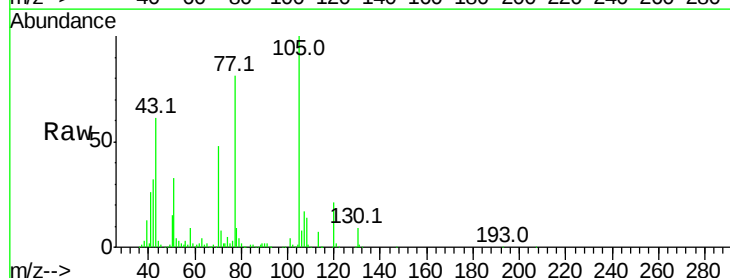
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 33.5 22.3 33.5

120 21.5 16.9 25.3

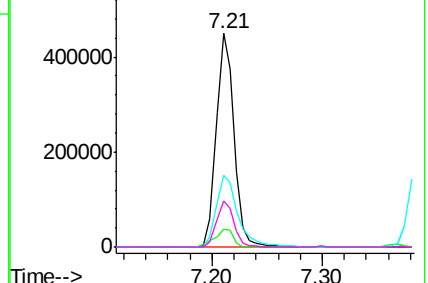
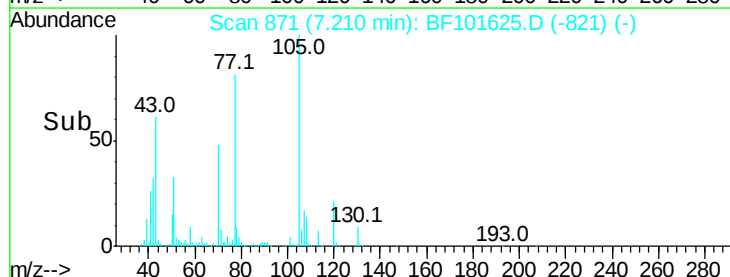


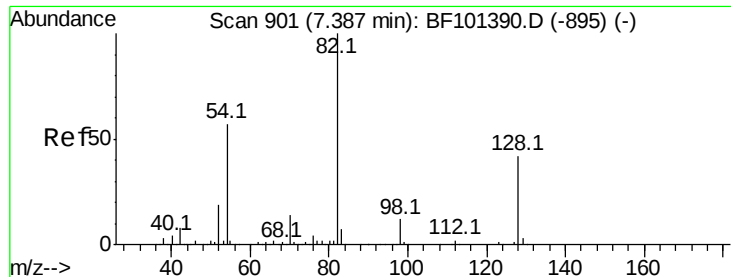
Abundance Ion 105.00 (104.70 to 105.70): E

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

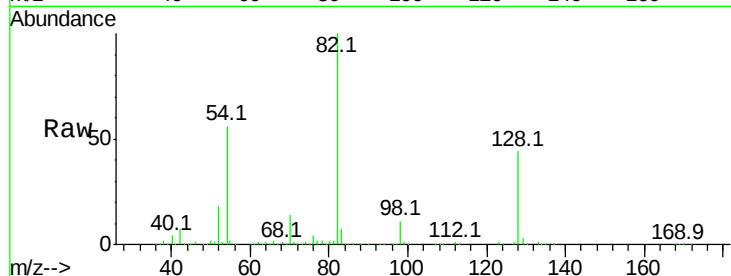




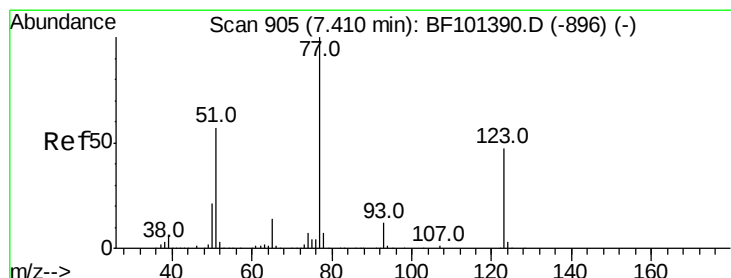
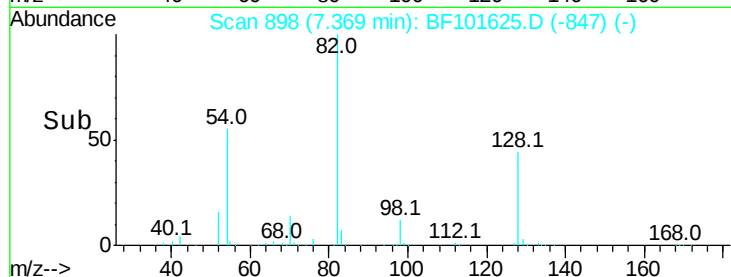
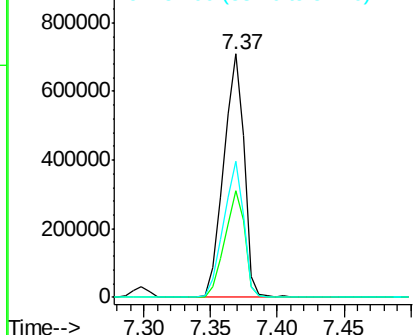
#23
Nitrobenzene-d5
Concen: 82.859 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion: 82 Resp: 772729
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 55.9 41.4 62.2

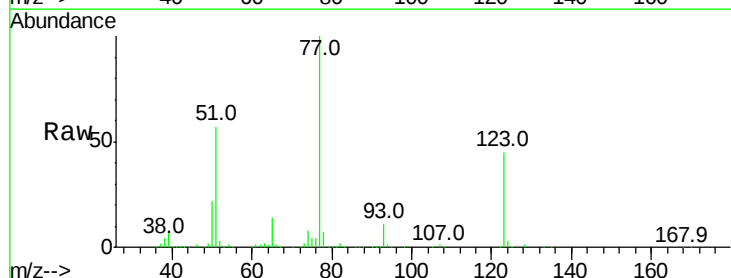


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

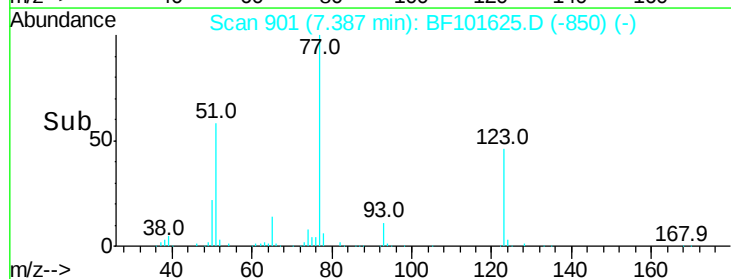
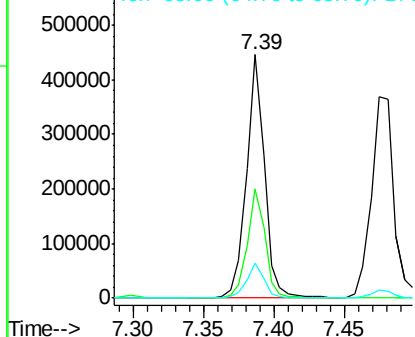


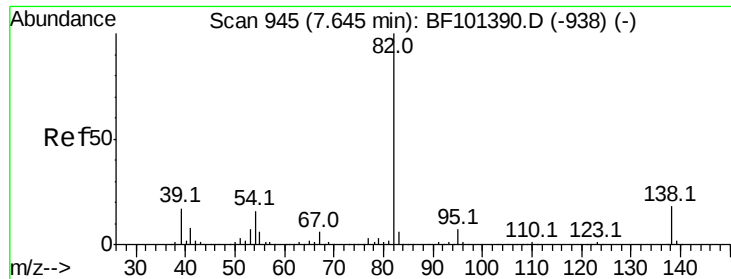
#24
Nitrobenzene
Concen: 38.760 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 77 Resp: 400061
Ion Ratio Lower Upper
77 100
123 44.8 37.9 56.9
65 14.2 11.0 16.4



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





#25

Isophorone

Concen: 38.861 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

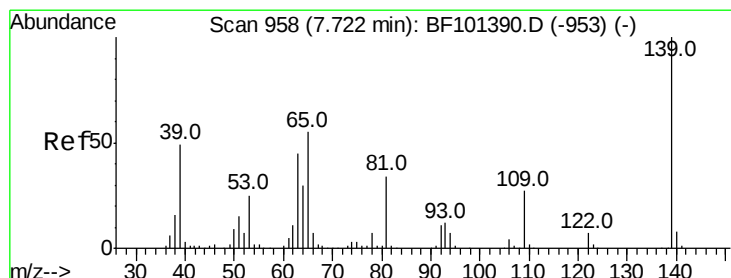
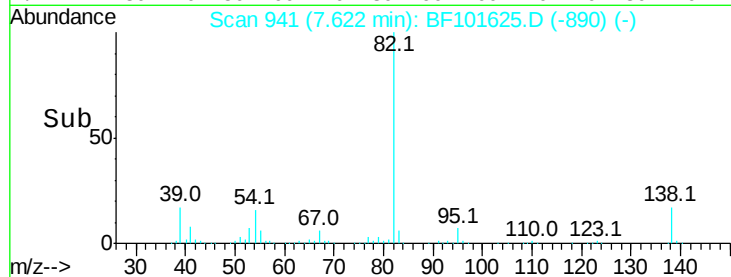
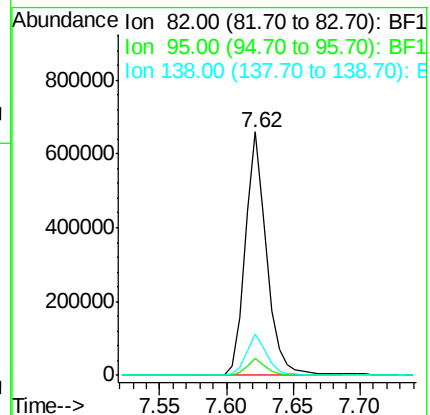
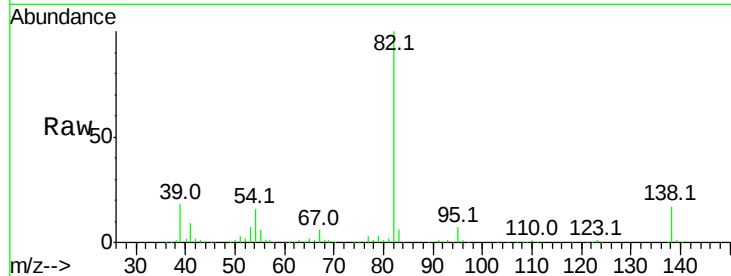
Tot Ion: 82 Resp: 727027

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 40.655 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

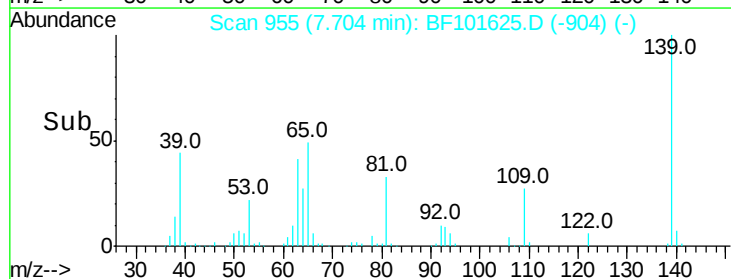
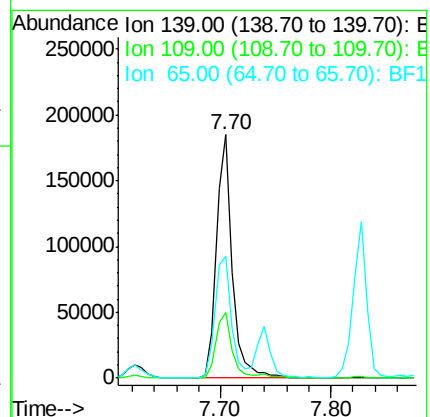
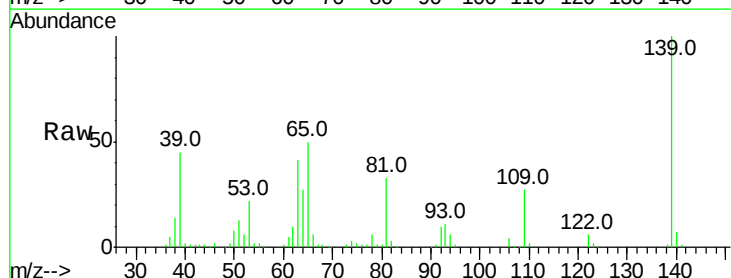
Tgt Ion:139 Resp: 180275

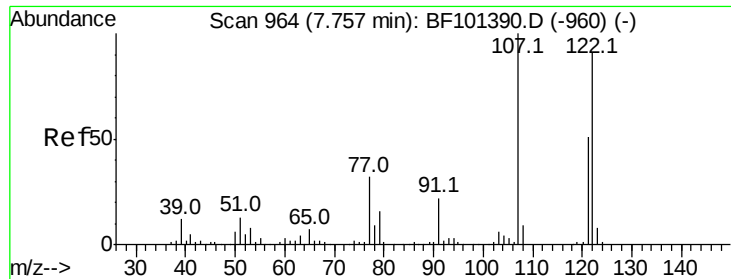
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 50.1 40.5 60.7

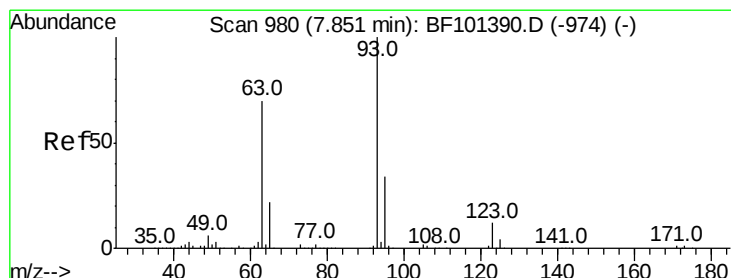
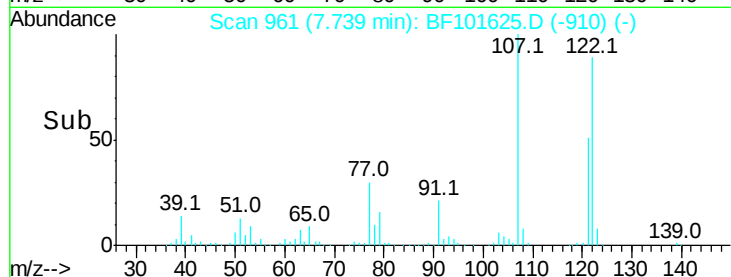
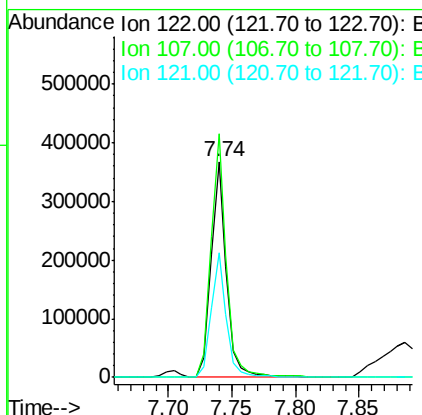
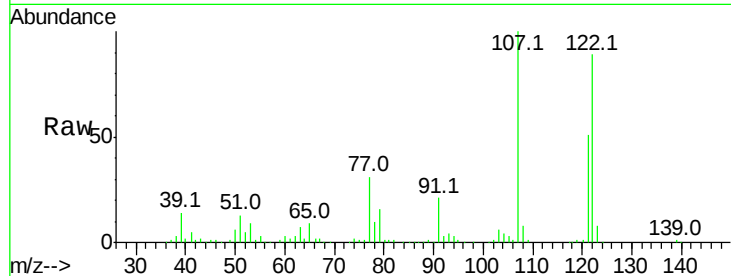




#27
 2,4-Dimethylphenol
 Concen: 41.691 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

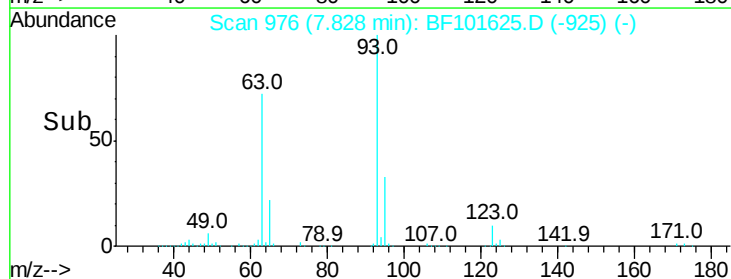
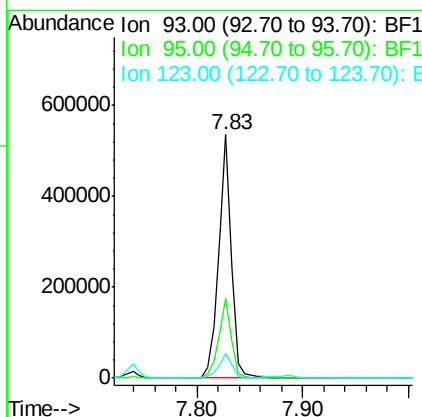
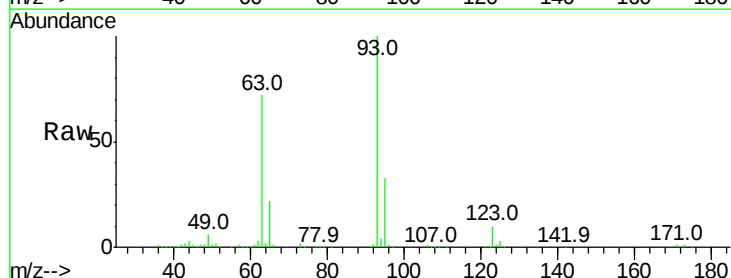
Instrument :
 BNA_F
 ClientSampleID :
 PB105265BS

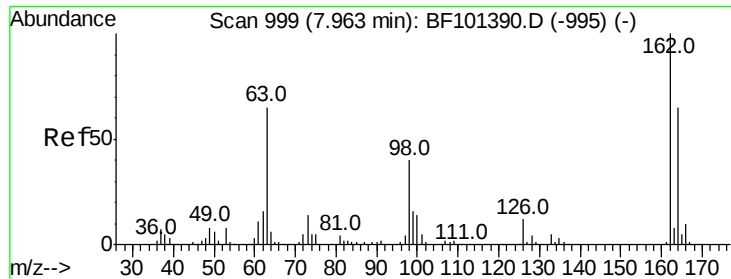
Tot Ion:122 Resp: 314068
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 57.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.018 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion: 93 Resp: 463683
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 10.4 9.8 14.6

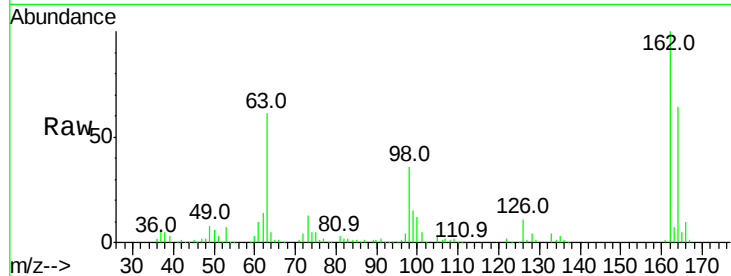




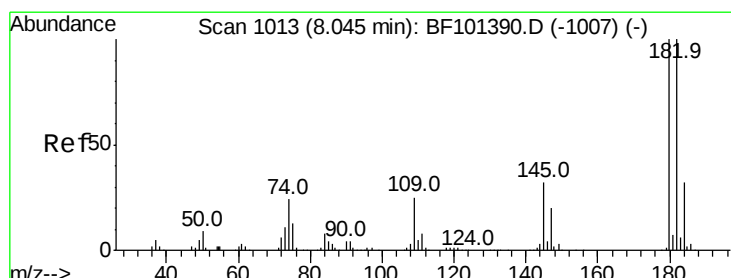
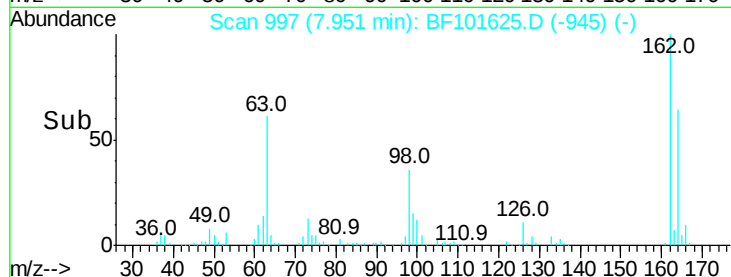
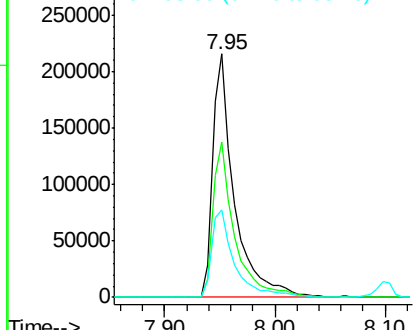
#29
 2,4-Dichlorophenol
 Concen: 38.897 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.1	18.1	58.1

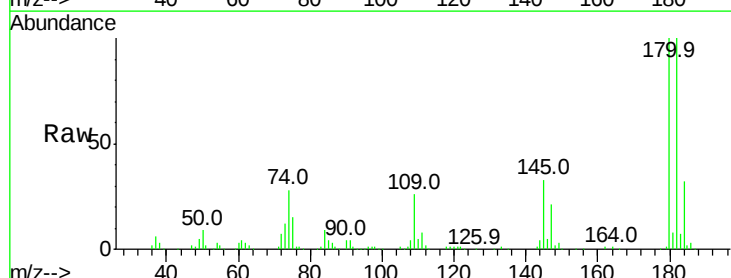


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

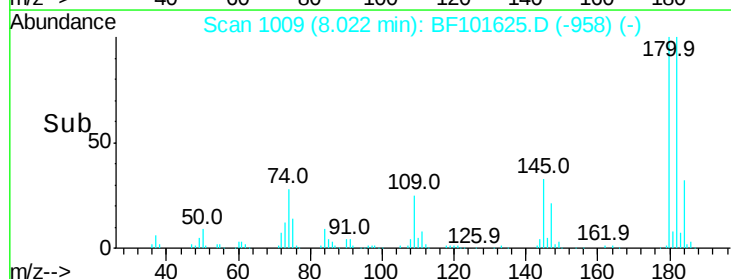
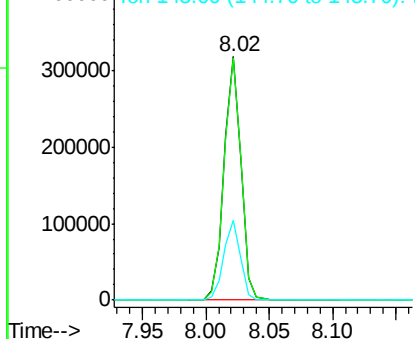


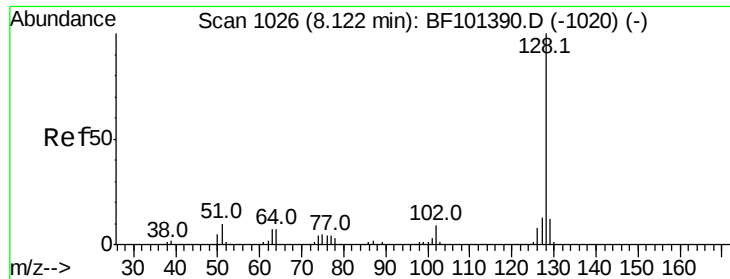
#30
 1,2,4-Trichlorobenzene
 Concen: 37.662 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	32.8	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

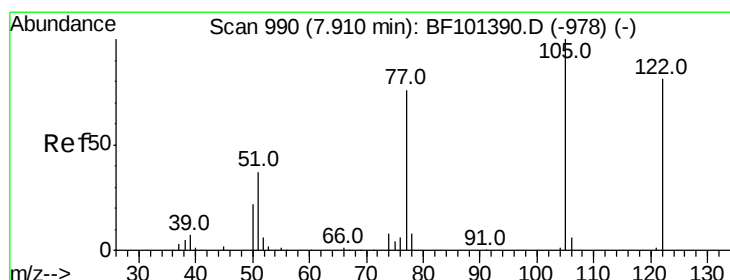
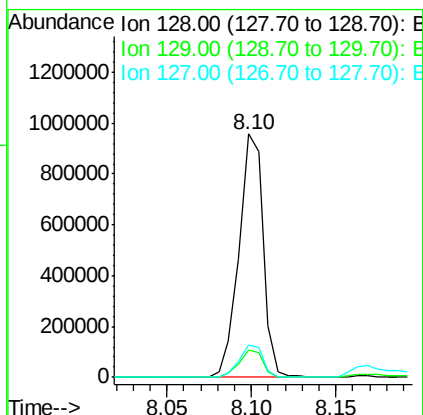
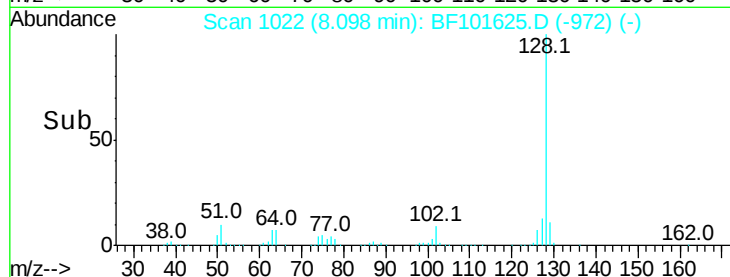
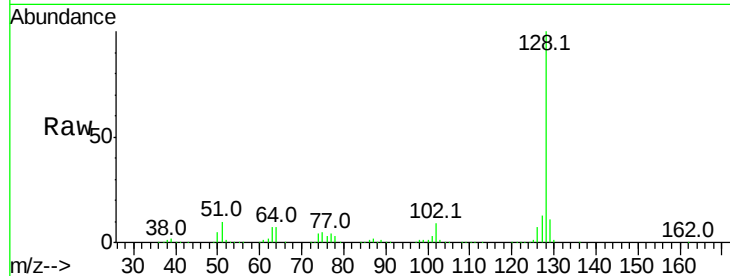




#31
Naphthalene
Concen: 36.856 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

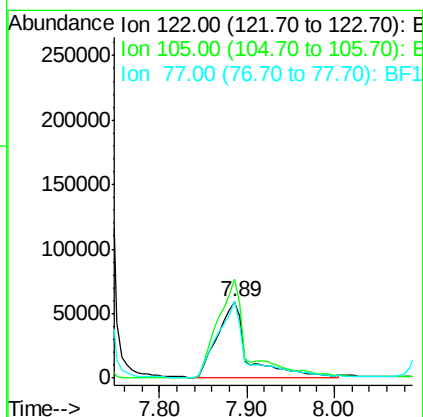
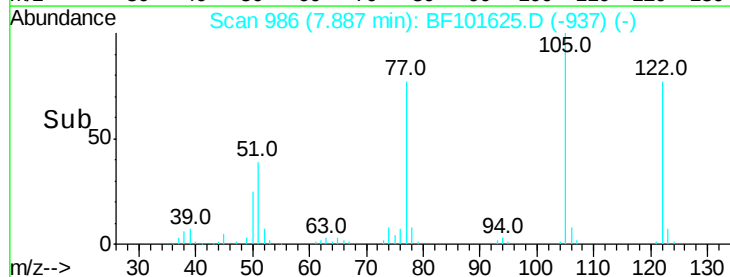
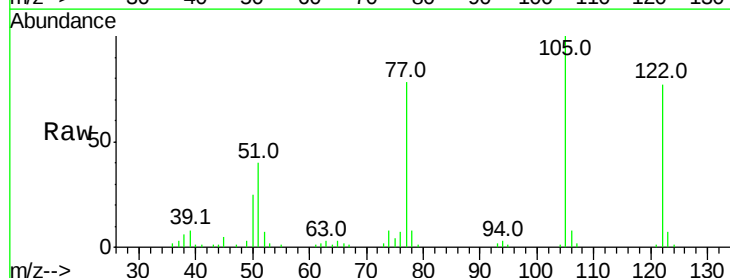
Instrument :
BNA_F
ClientSampleId :
PB105265BS

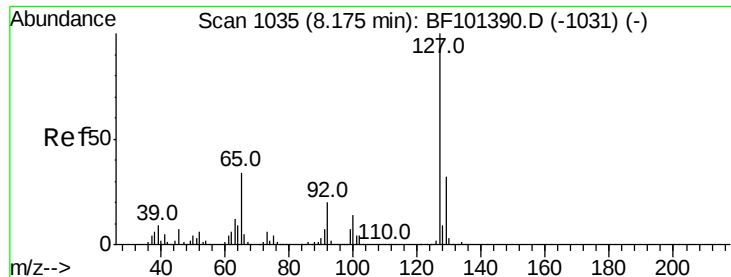
Tot Ion:128 Resp: 963234
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 31.154 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:122 Resp: 141135
Ion Ratio Lower Upper
122 100
105 129.5 101.1 141.1
77 101.0 70.7 110.7

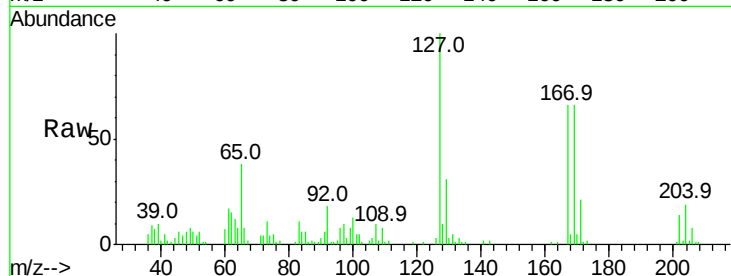




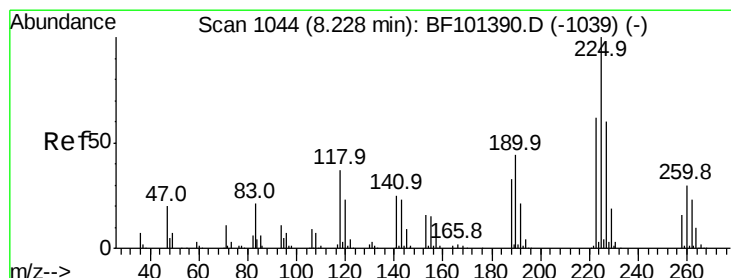
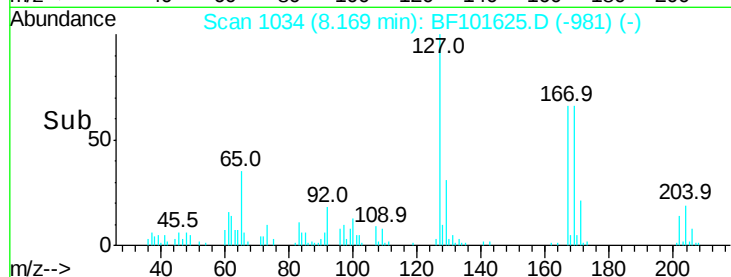
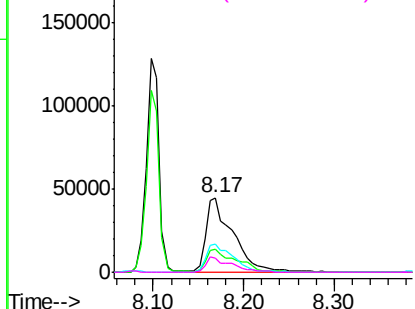
#33
4-Chloroaniline
Concen: 8.209 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:	127	Resp:	93244
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	38.1	25.0	37.4
92	18.2	15.2	22.8

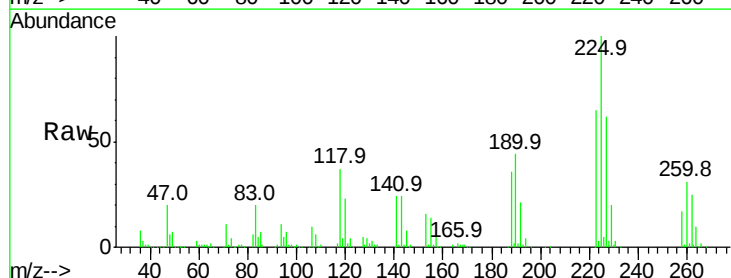


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

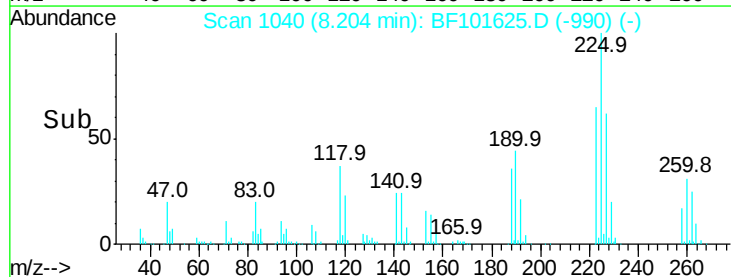
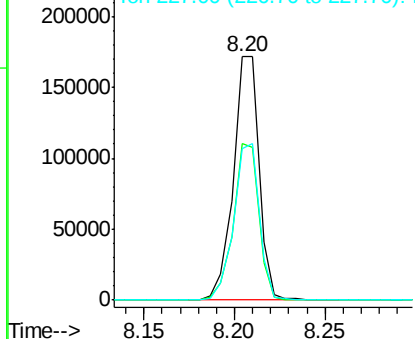


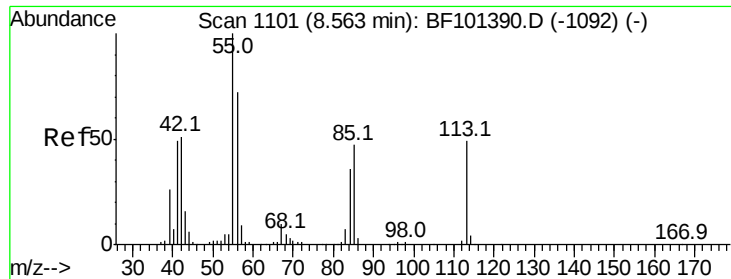
#34
Hexachlorobutadiene
Concen: 37.502 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:	225	Resp:	170354
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	62.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

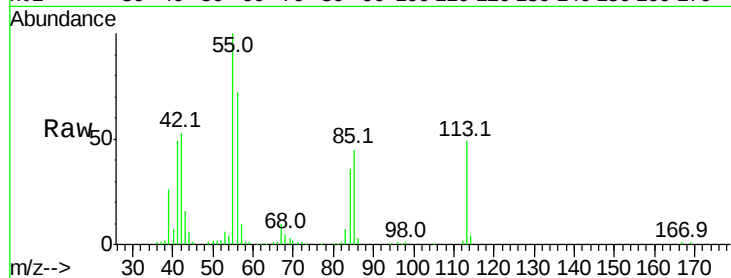




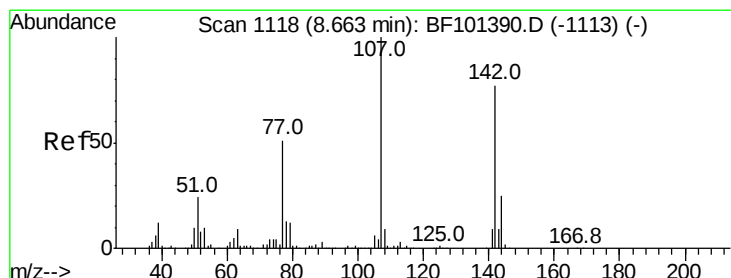
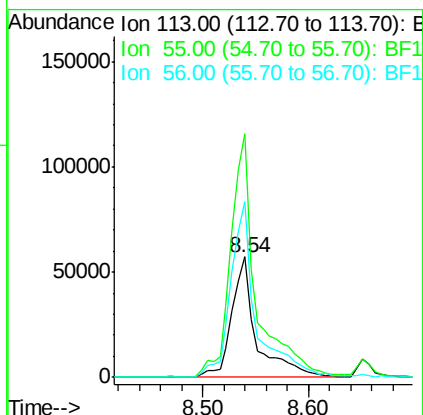
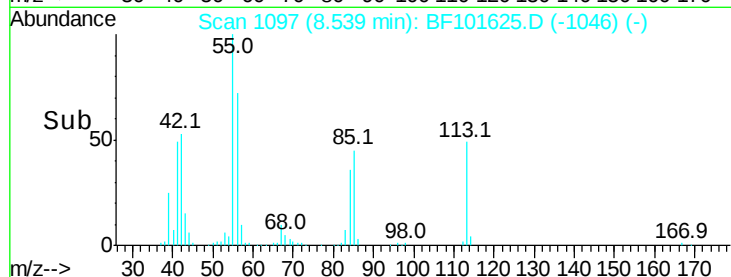
#35
Caprolactam
Concen: 35.899 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:113 Resp: 92771
Ion Ratio Lower Upper
113 100
55 202.5 163.3 203.3
56 146.3 115.7 155.7

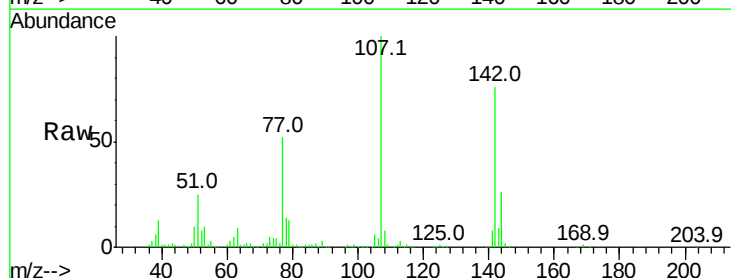


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

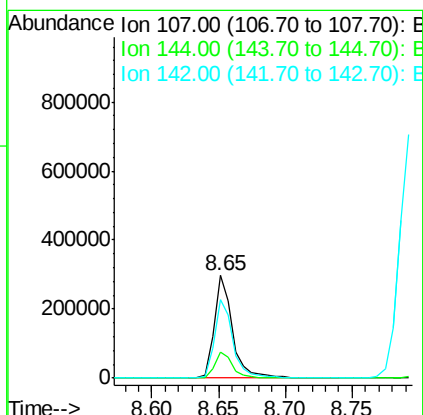
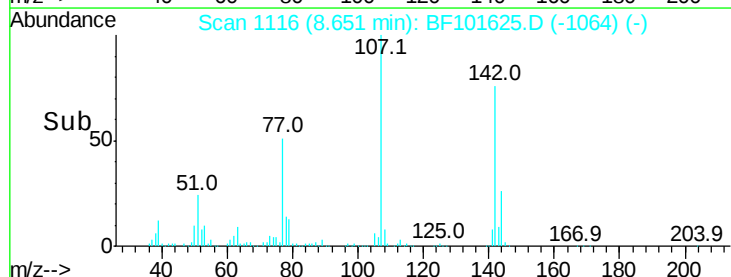


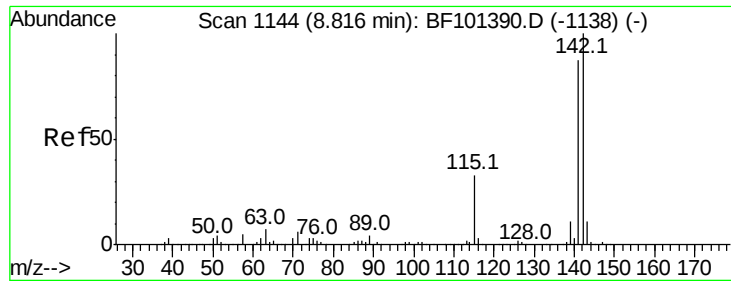
#36
4-Chloro-3-methylphenol
Concen: 35.204 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:107 Resp: 287973
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 76.3 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

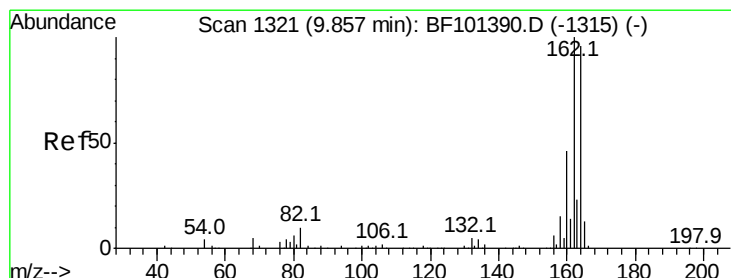
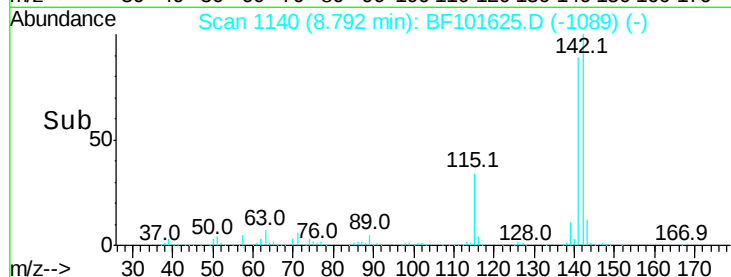
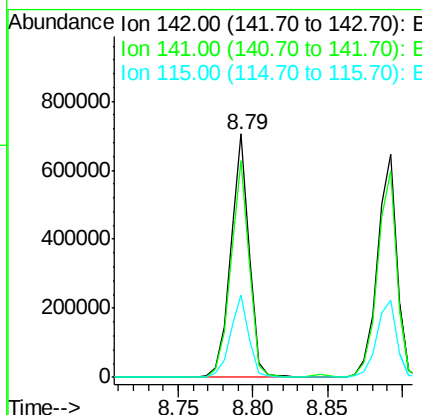
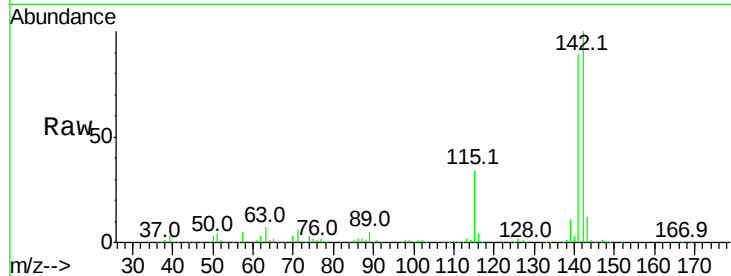




#37
 2-Methylnaphthalene
 Concen: 36.211 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

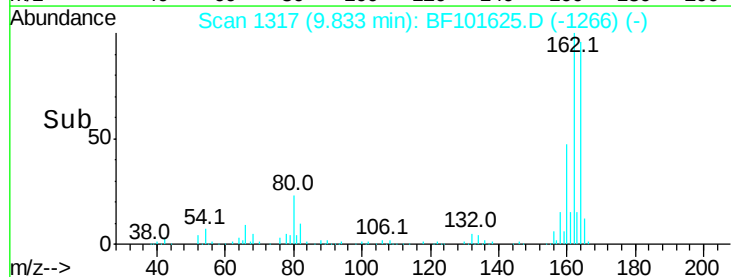
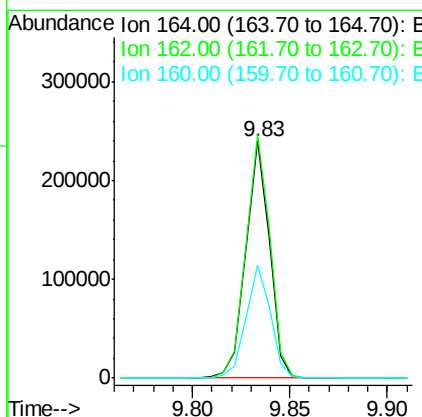
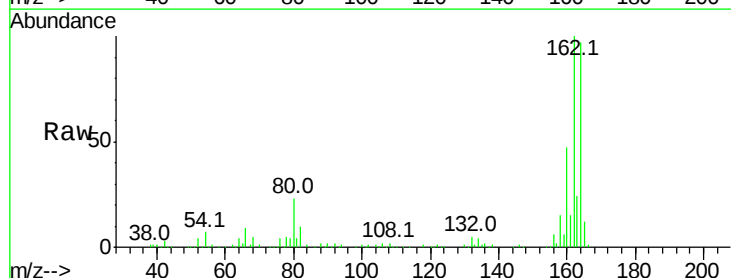
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

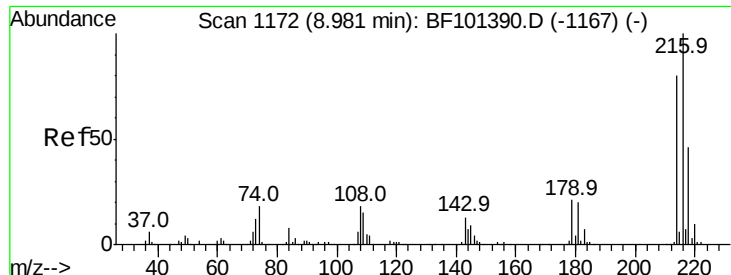
Tot Ion:142 Resp: 616582
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:164 Resp: 202357
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 47.8 38.3 57.5

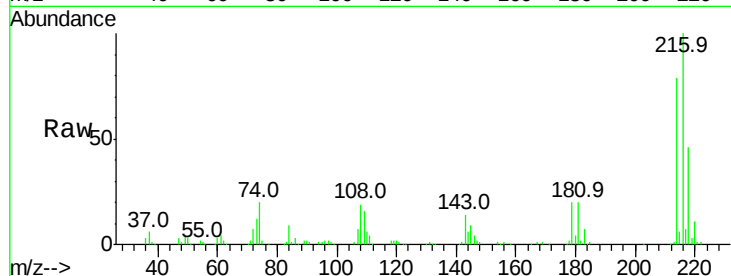




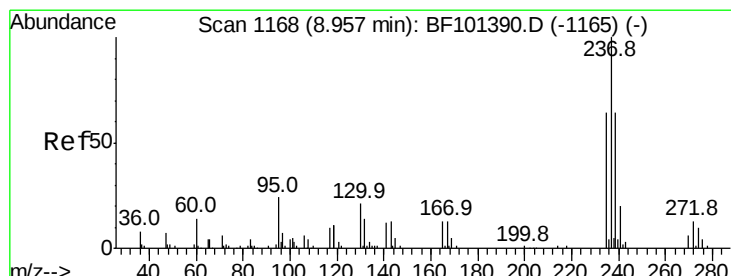
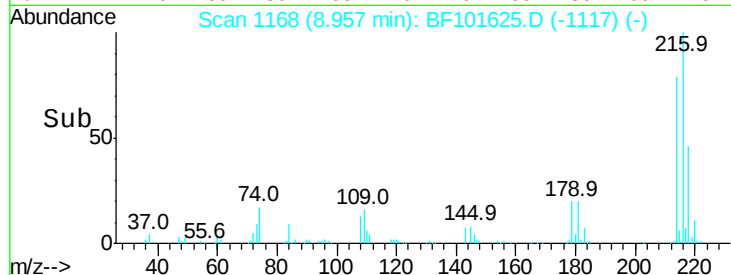
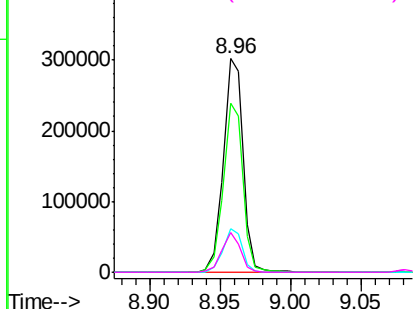
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.998 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion:	216	Resp:	293763
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	19.8	18.1	27.1
108	17.6	17.2	25.8

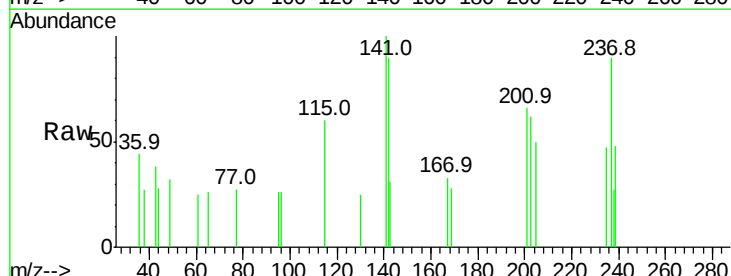


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

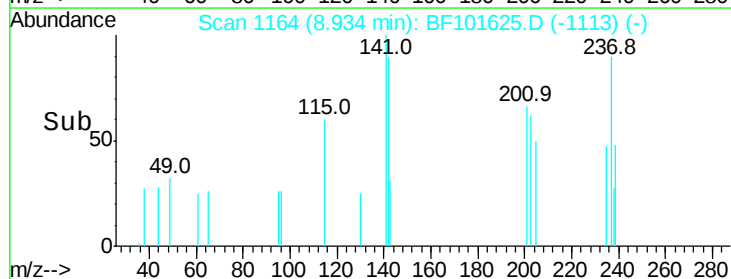
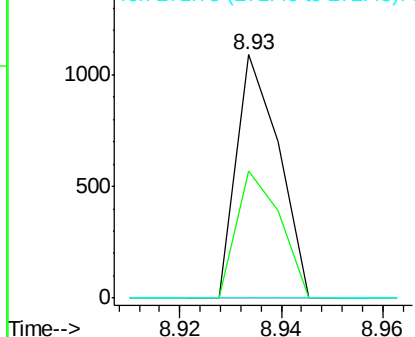


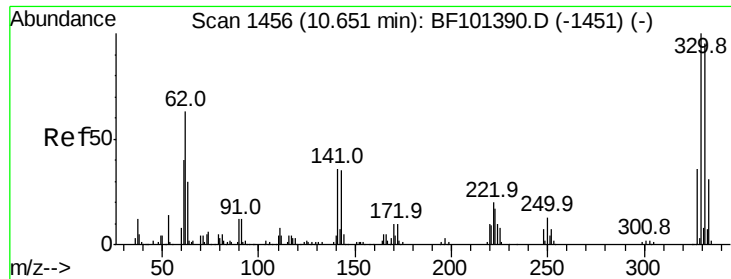
#40
 Hexachlorocyclopentadiene
 Concen: 11.946 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:	237	Resp:	633
Ion	Ratio	Lower	Upper
237	100		
235	52.1	44.8	84.8
272	0.0	0.0	33.3



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

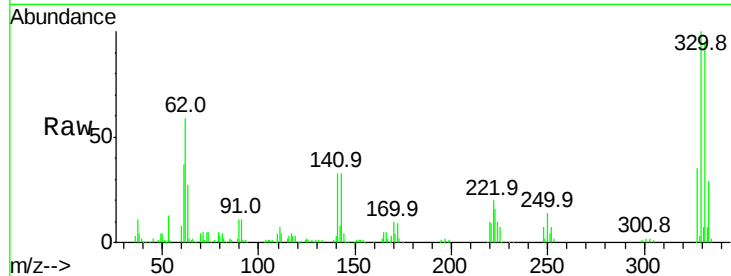




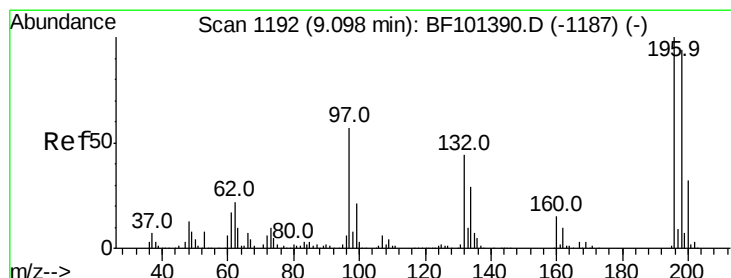
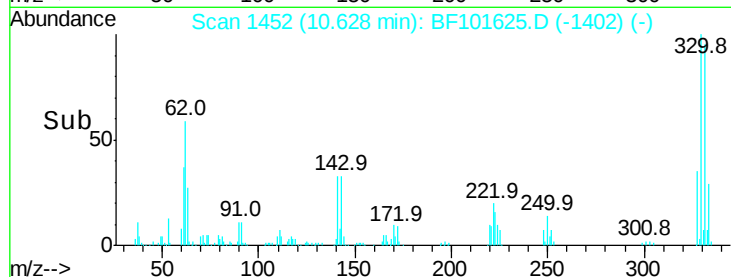
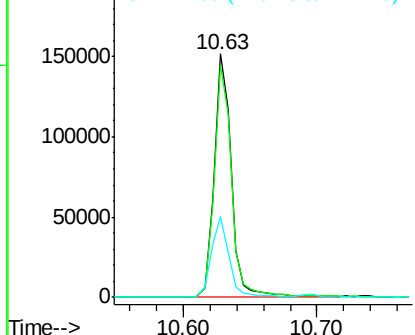
#41
 2,4,6-Tribromophenol
 Concen: 71.104 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion:330 Resp: 138644
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.0 29.9 44.9

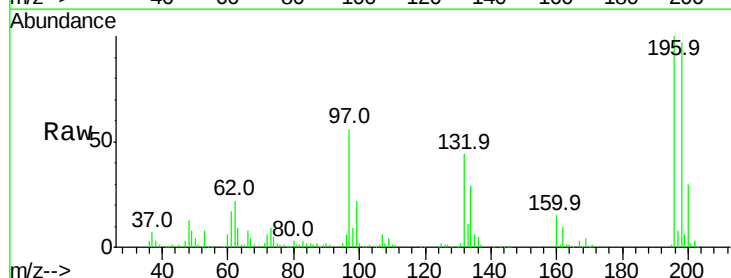


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

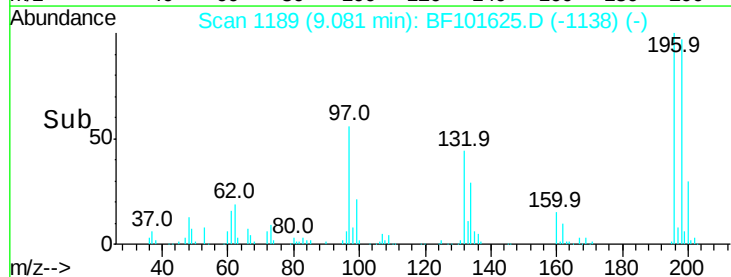
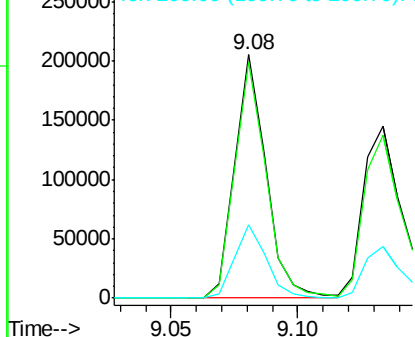


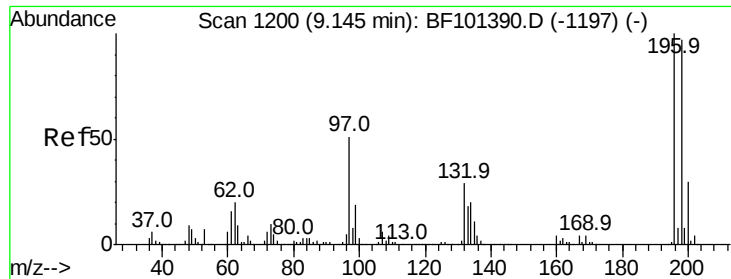
#42
 2,4,6-Trichlorophenol
 Concen: 42.932 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:196 Resp: 176583
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.1 24.5 36.7



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

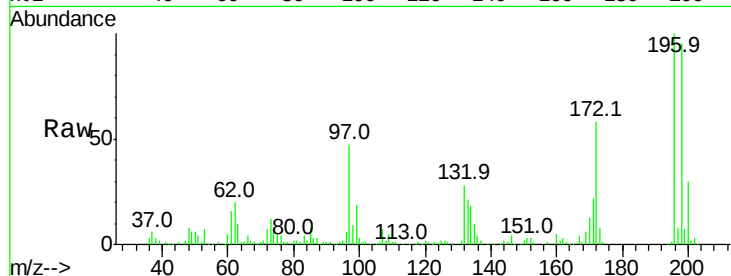




#43
 2,4,5-Trichlorophenol
 Concen: 38.677 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	47.5	42.9	64.3
132	28.3	26.3	39.5



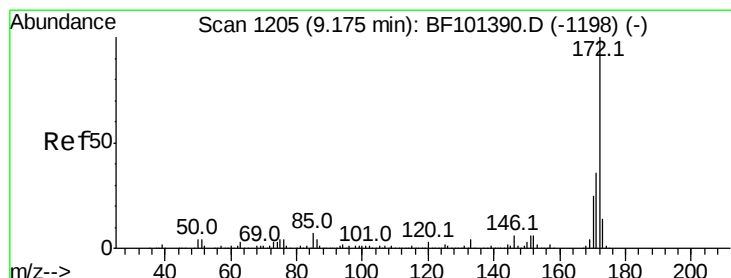
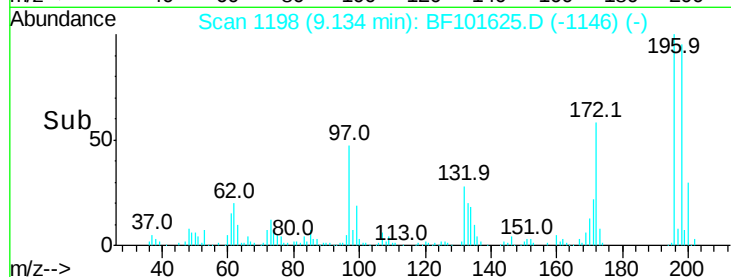
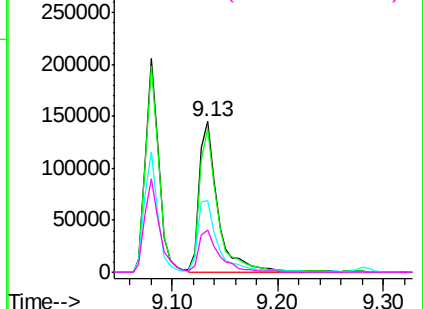
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

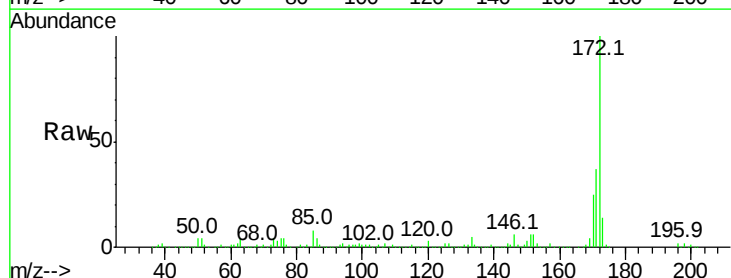
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.814 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

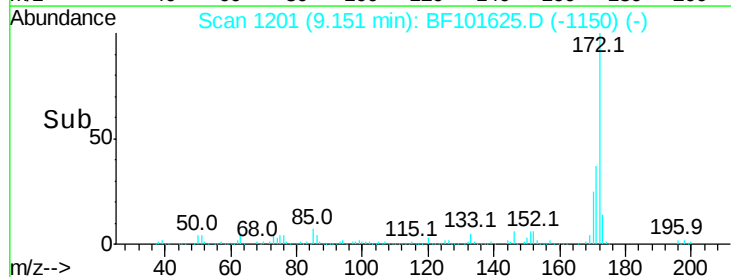
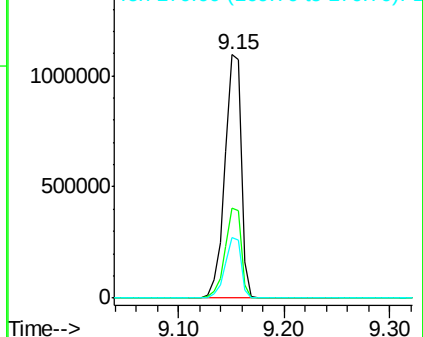


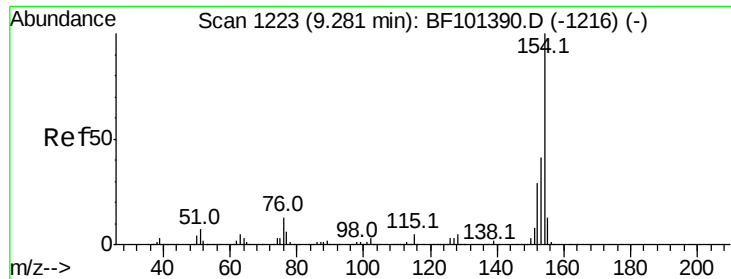
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

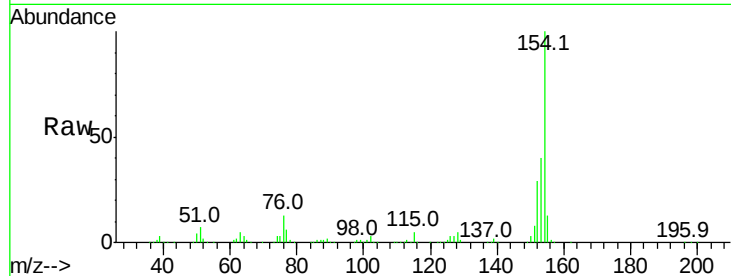




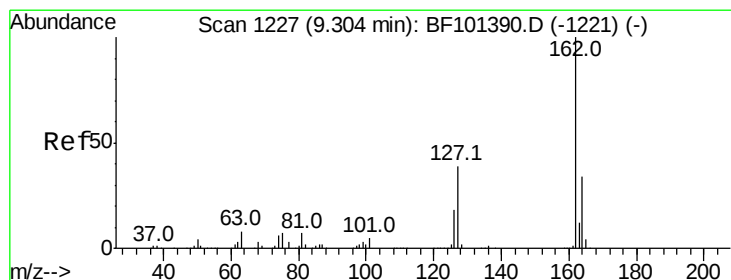
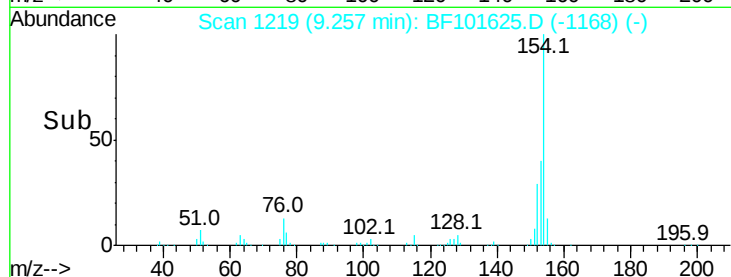
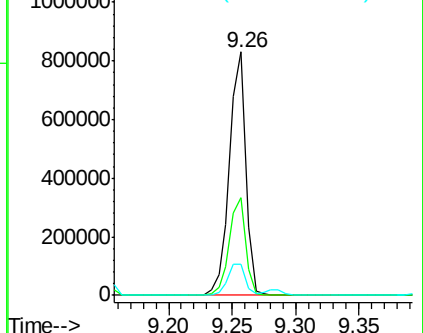
#45
 1,1'-Biphenyl
 Concen: 41.316 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	13.0	0.0	34.0

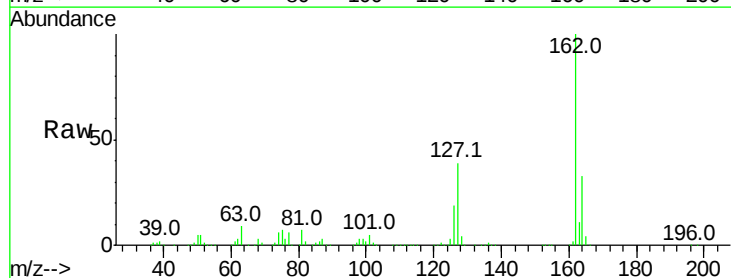


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

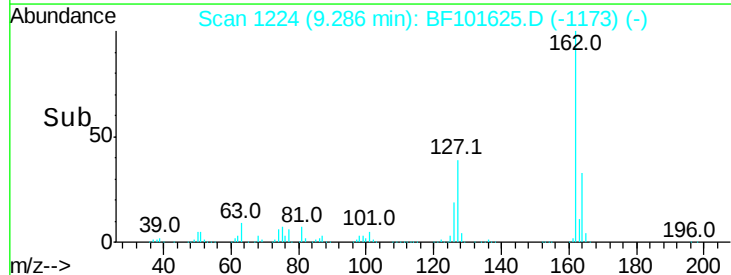
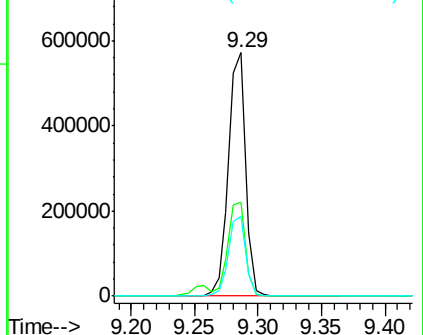


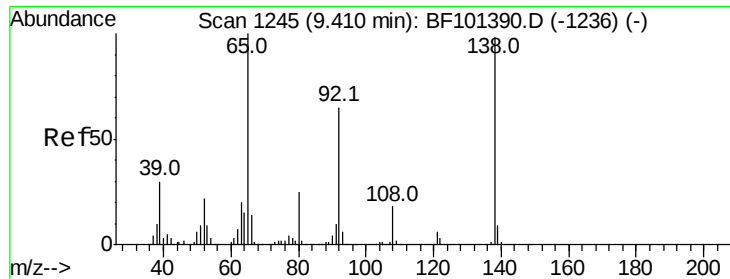
#46
 2-Chloronaphthalene
 Concen: 39.063 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.9	50.9
164	32.8	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

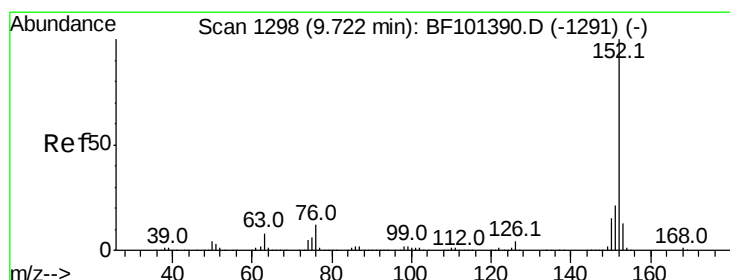
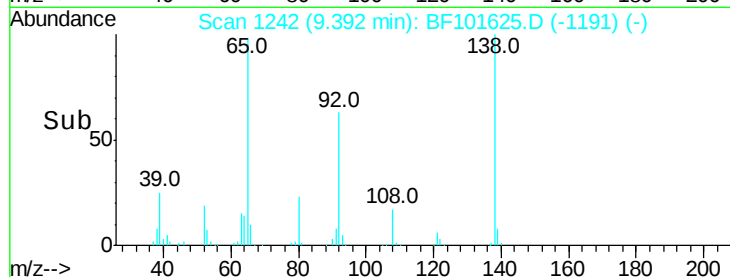
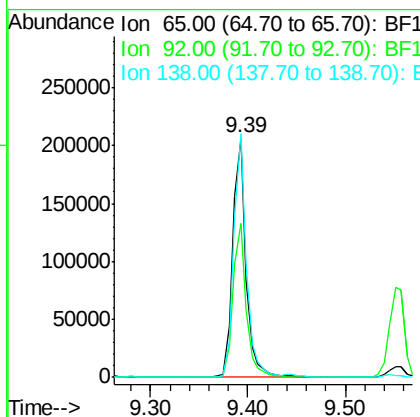
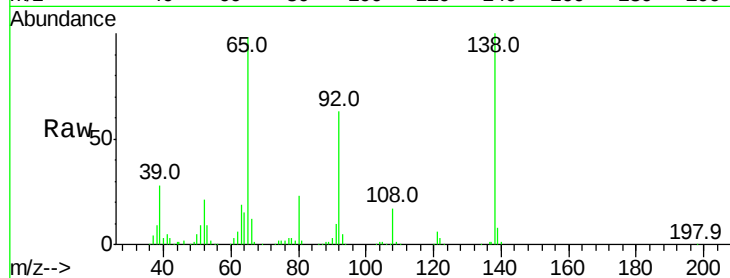




#47
2-Nitroaniline
Concen: 40.981 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

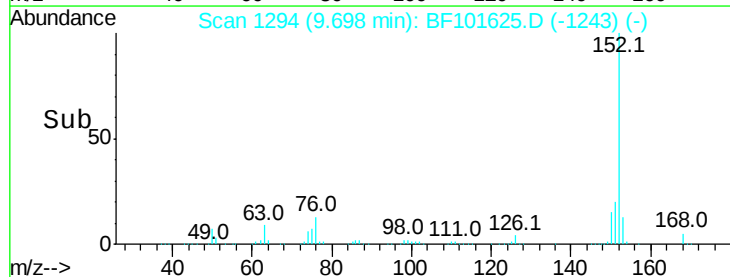
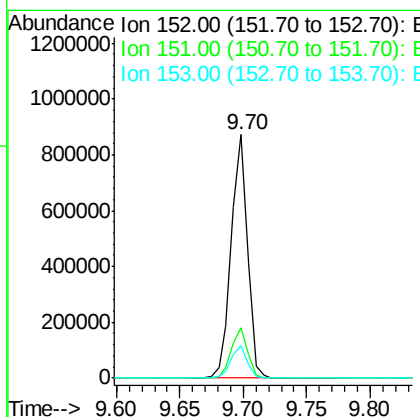
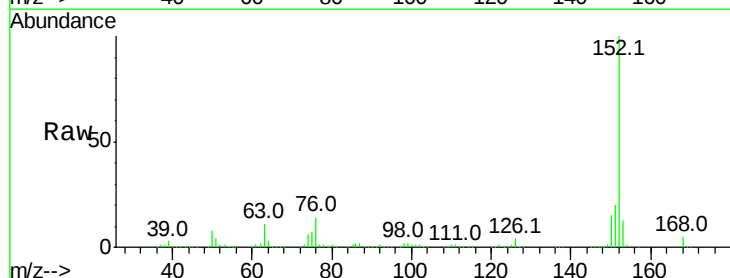
Instrument :
BNA_F
ClientSampleId :
PB105265BS

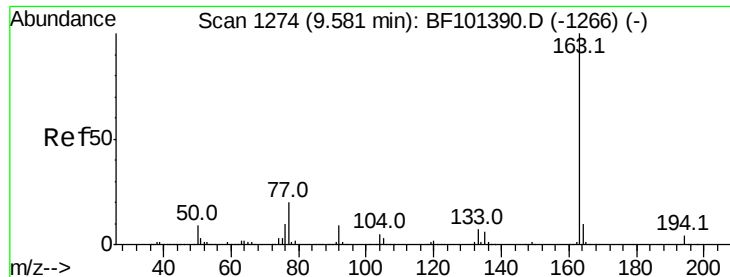
Tot Ion: 65 Resp: 194398
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 101.8 91.2 136.8



#48
Acenaphthylene
Concen: 35.572 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 152 Resp: 771508
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 37.966 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

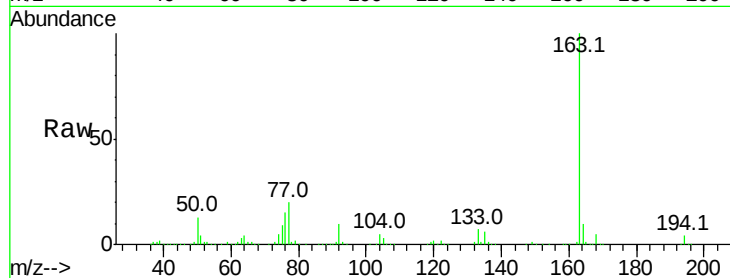
Tot Ion:163 Resp: 617957

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

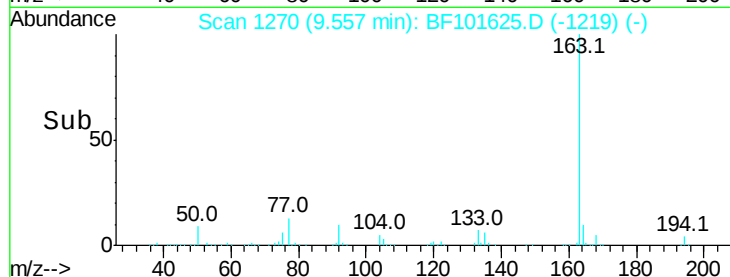
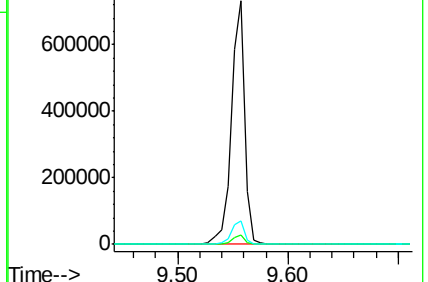
164 9.8 8.2 12.2



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: 38.197 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

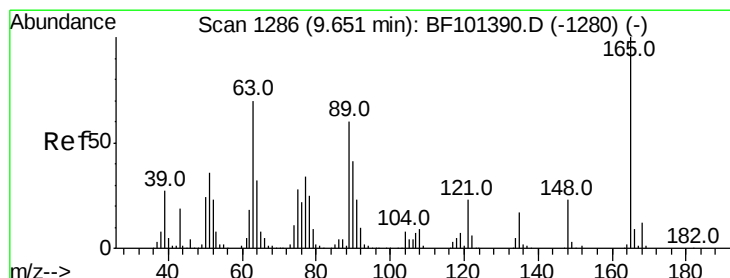
Tgt Ion:165 Resp: 126363

Ion Ratio Lower Upper

165 100

63 58.2 44.7 67.1

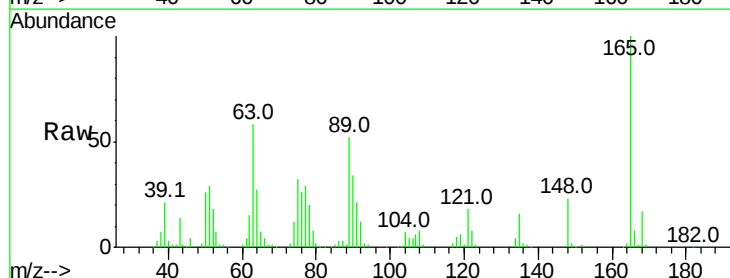
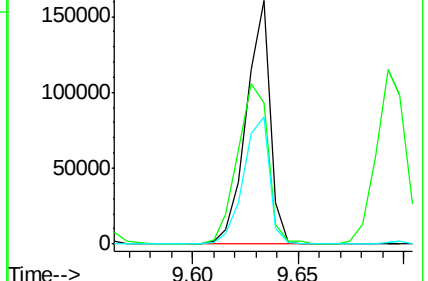
89 52.0 44.0 66.0

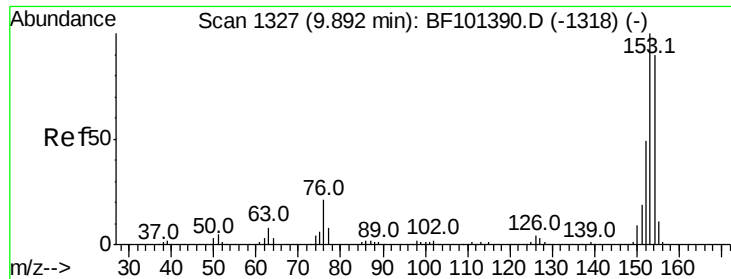


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.570 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

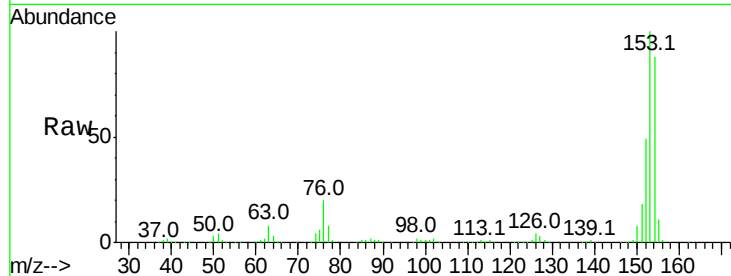
Tot Ion:154 Resp: 463498

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

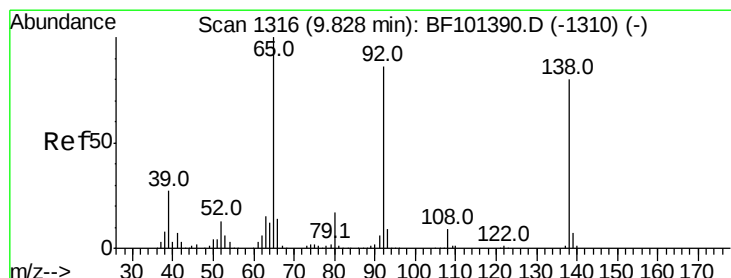
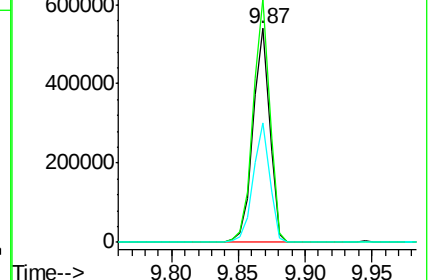
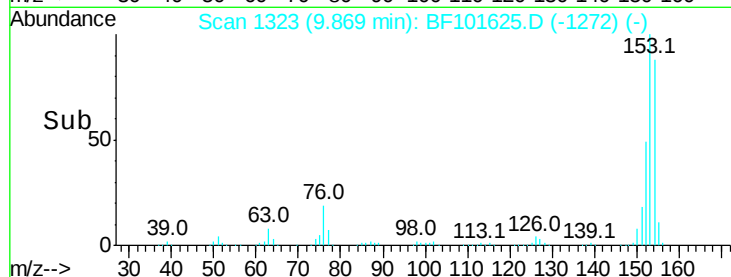
152 55.9 43.8 65.8



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: 19.813 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

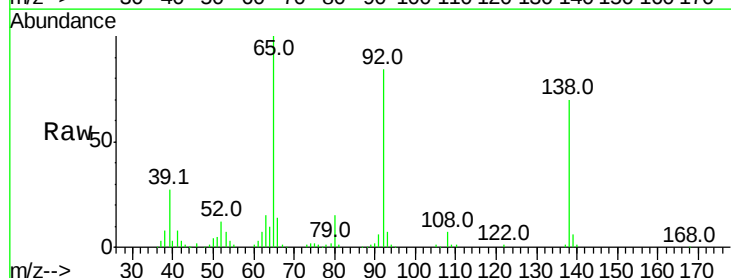
Tgt Ion:138 Resp: 81719

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

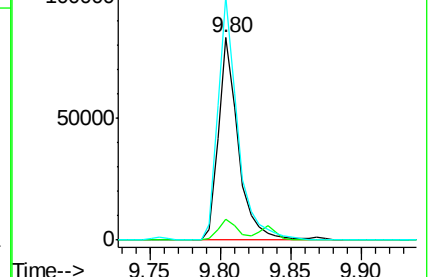
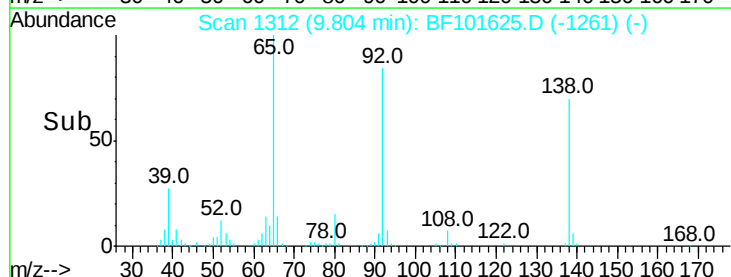
92 120.4 89.4 134.2

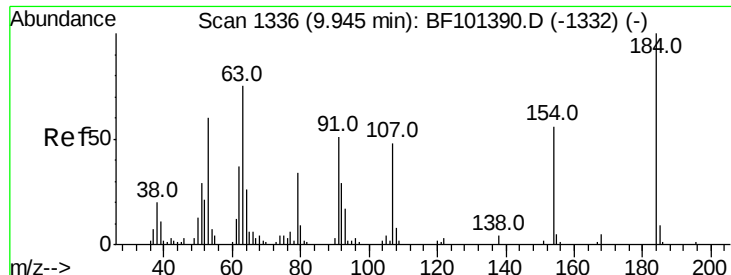


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

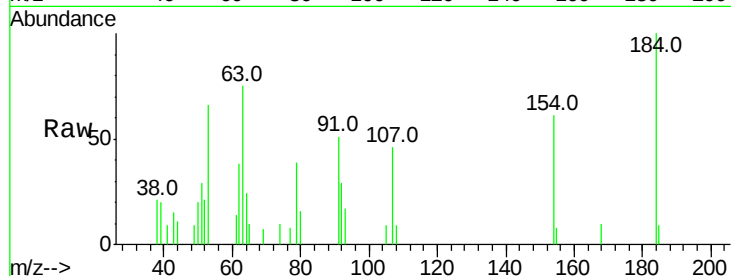




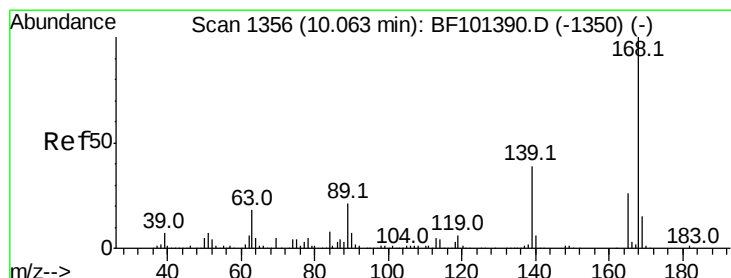
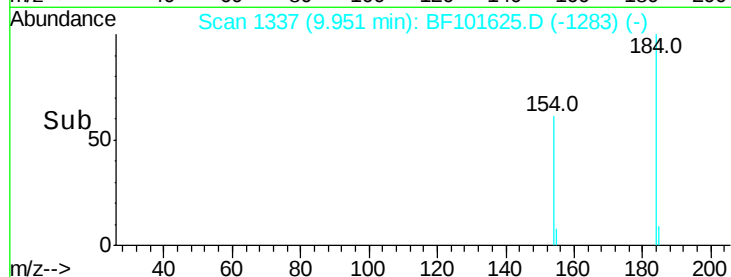
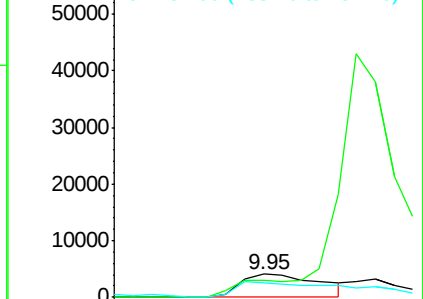
#53
2,4-Dinitrophenol
Concen: 15.680 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:184 Resp: 7090
Ion Ratio Lower Upper
184 100
63 74.5 54.2 81.2
154 61.4 184.0 276.0#

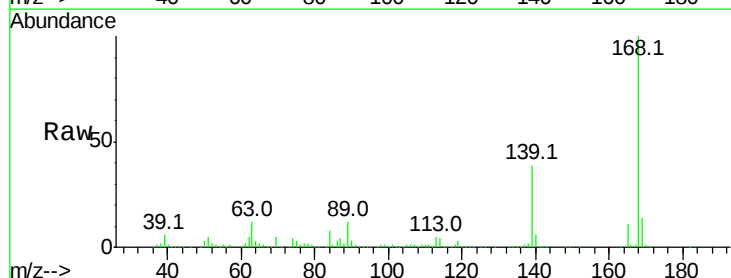


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

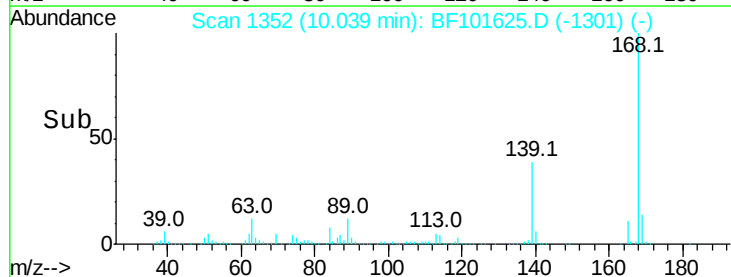
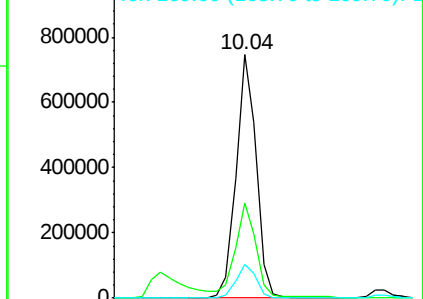


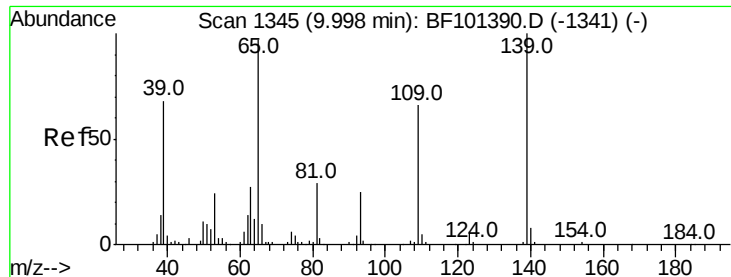
#54
Dibenzofuran
Concen: 39.491 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:168 Resp: 653948
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.1 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

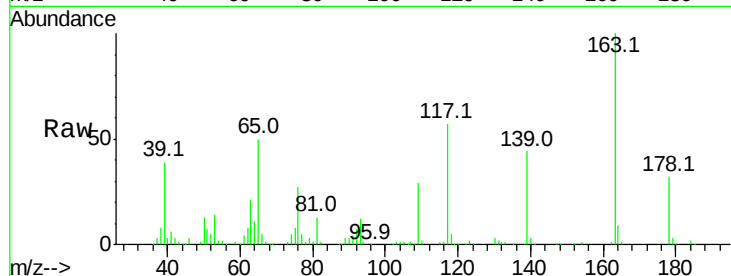




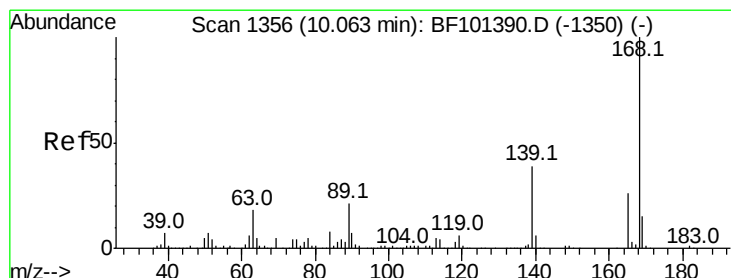
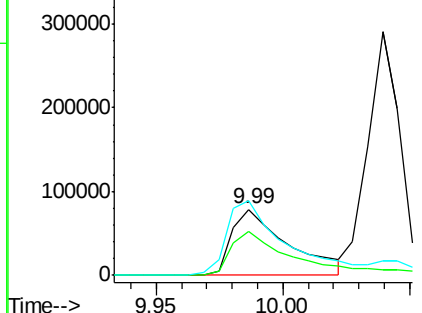
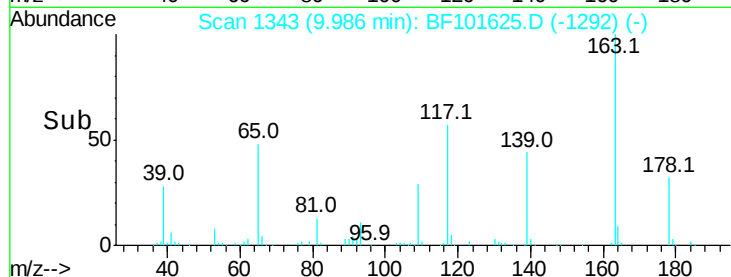
#55
4-Nitrophenol
Concen: 67.409 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:139 Resp: 121232
Ion Ratio Lower Upper
139 100
109 67.4 48.4 88.4
65 113.5 72.6 112.6#

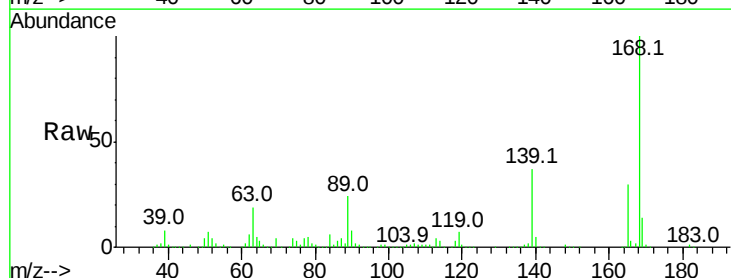


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

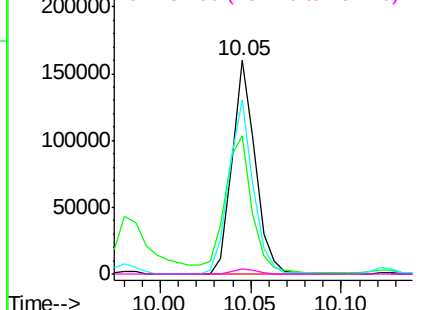
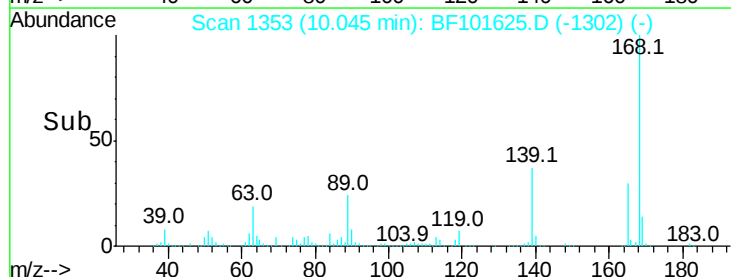


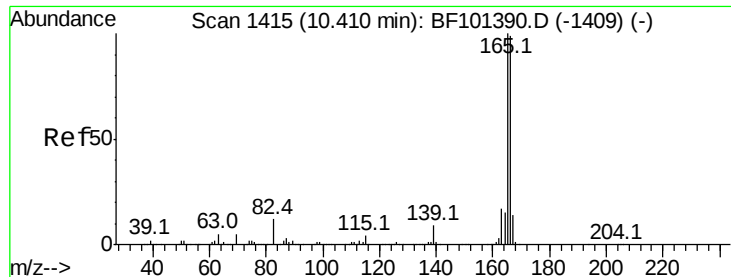
#56
2,4-Dinitrotoluene
Concen: 38.192 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:165 Resp: 142350
Ion Ratio Lower Upper
165 100
63 64.7 36.4 54.6#
89 81.8 57.8 86.6
182 2.5 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: 36.379 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

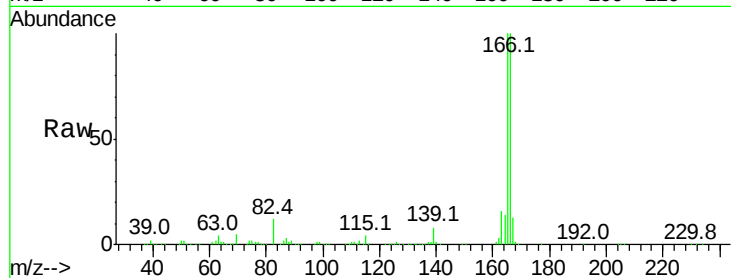
Tot Ion:166 Resp: 509612

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

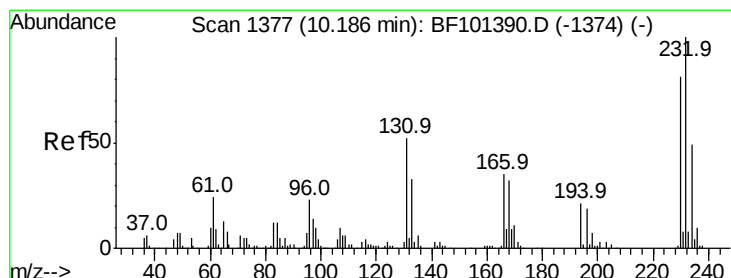
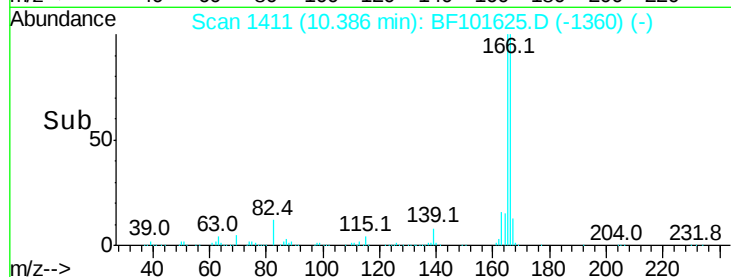
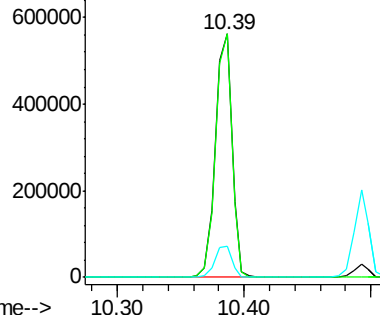
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.593 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Tgt Ion:232 Resp: 131345

Ion Ratio Lower Upper

232 100

131 42.4 43.8 65.8#

130 2.1 2.1 3.1#

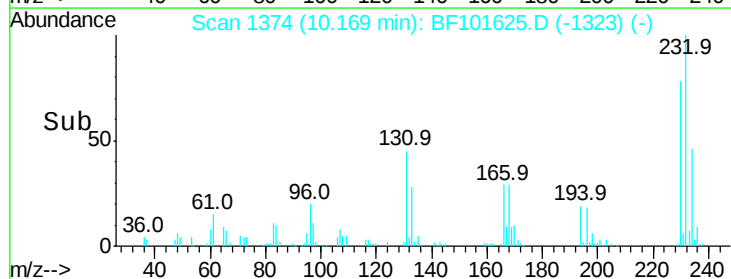
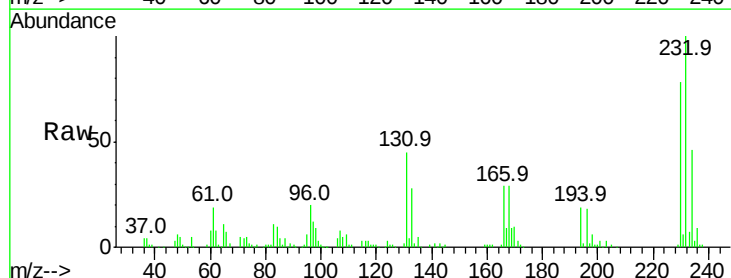
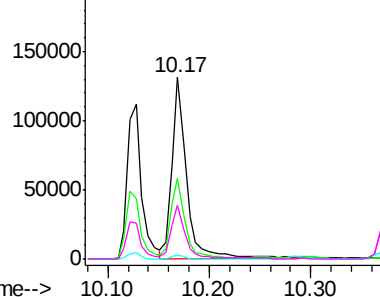
166 27.8 27.8 41.6

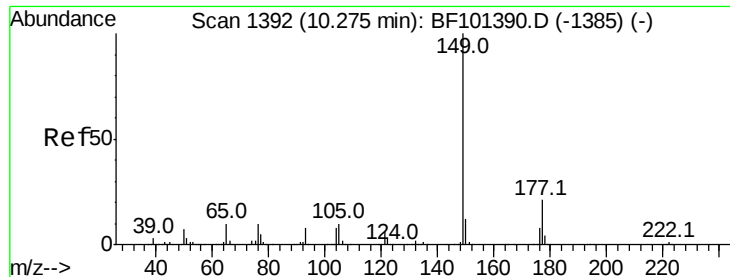
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

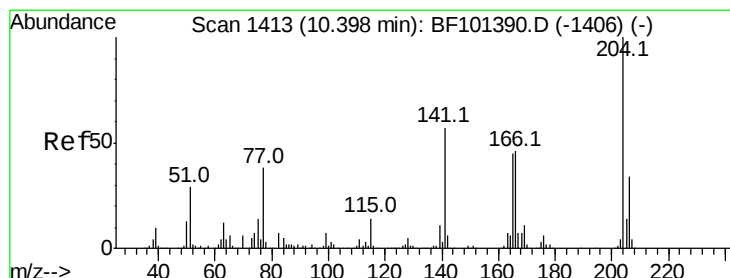
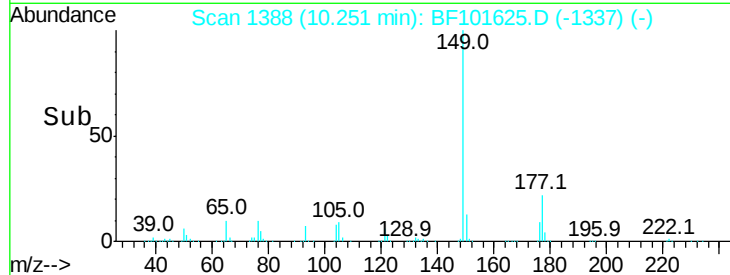
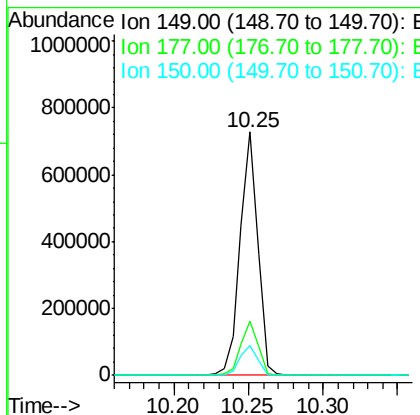
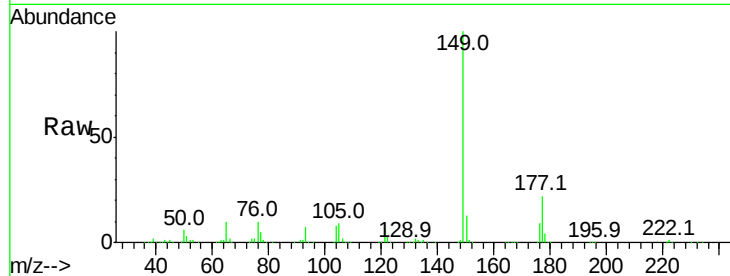




#59
Diethylphthalate
Concen: 37.664 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

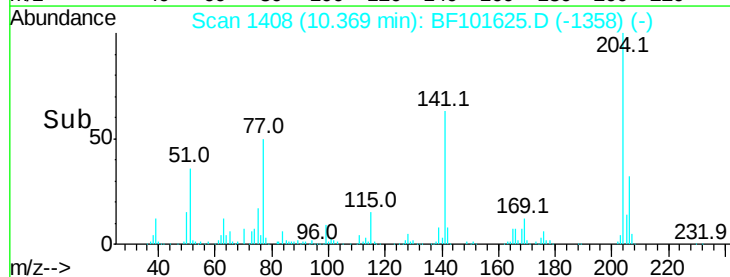
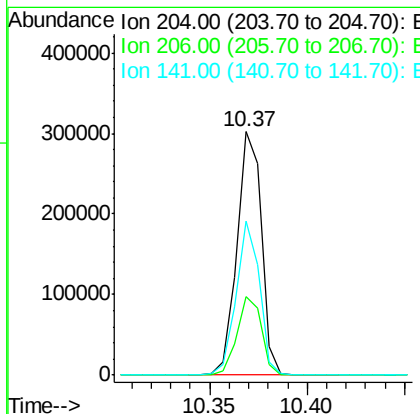
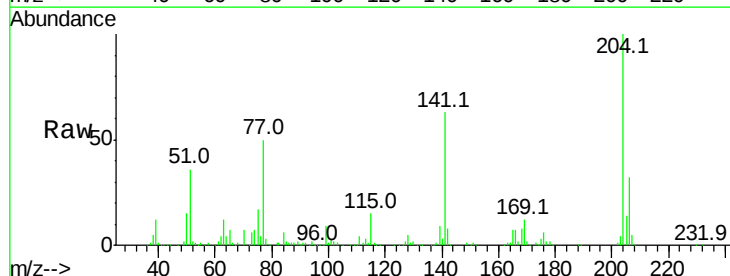
Instrument :
BNA_F
ClientSampleId :
PB105265BS

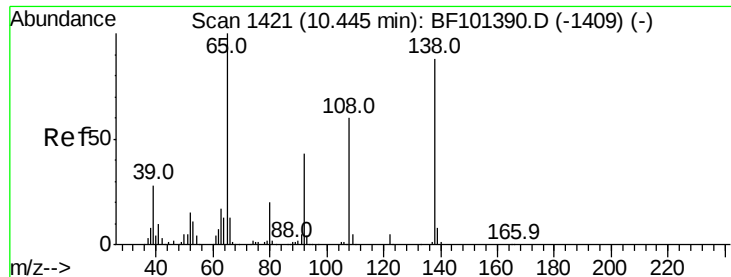
Tot Ion:	149	Resp:	607090
Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.183 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:	204	Resp:	263063
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	63.0	54.6	81.8

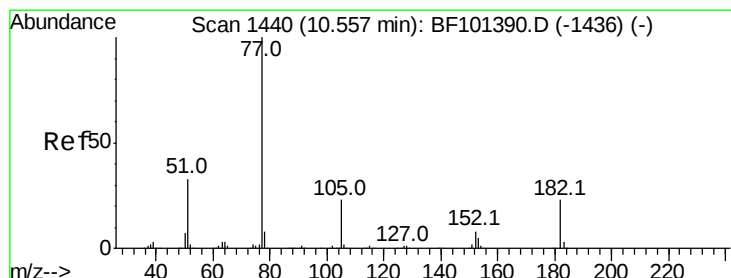
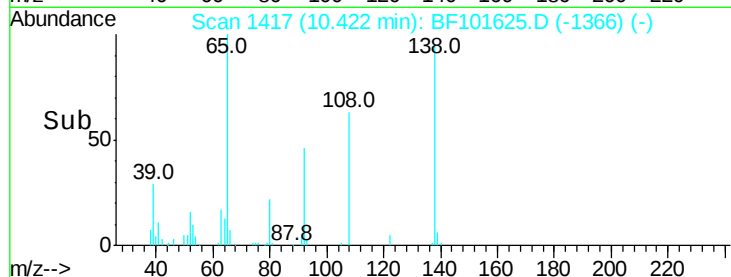
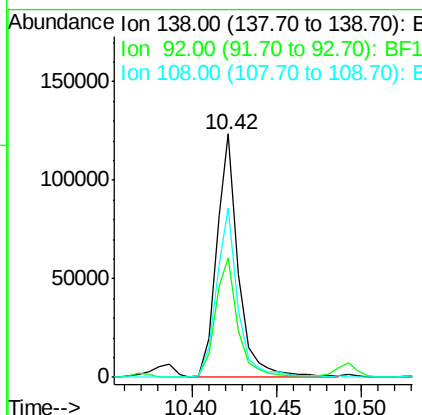
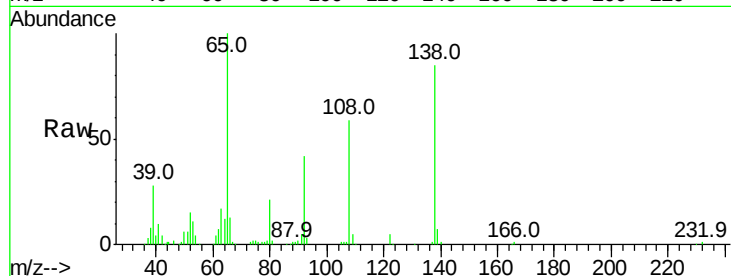




#61
4-Nitroaniline
Concen: 26.885 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

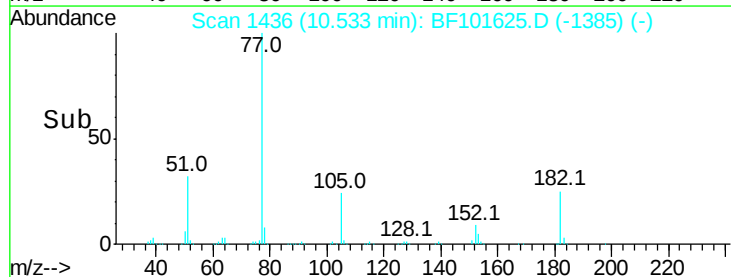
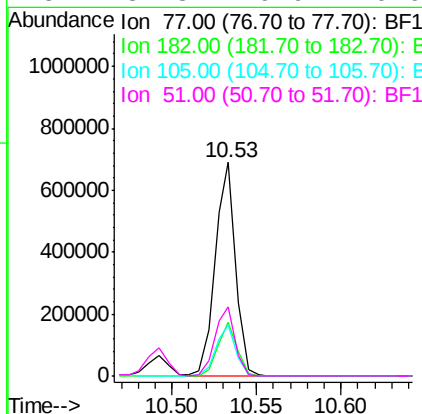
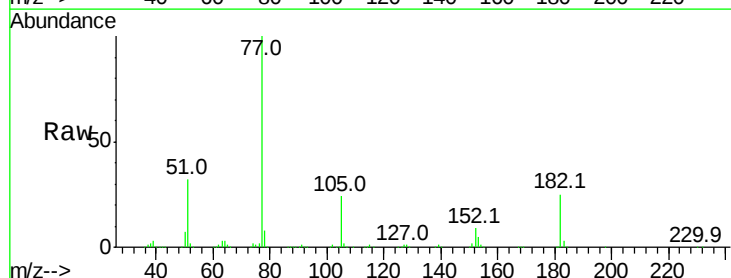
Instrument :
BNA_F
ClientSampleId :
PB105265BS

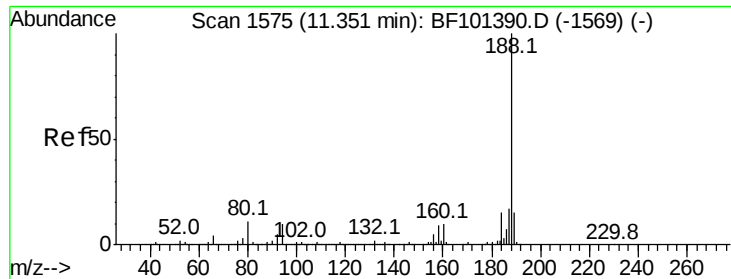
Tot Ion:138 Resp: 111456
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 69.6 52.5 92.5



#62
Azobenzene
Concen: 34.780 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion: 77 Resp: 580744
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 24.1 3.0 43.0
51 32.3 9.9 49.9

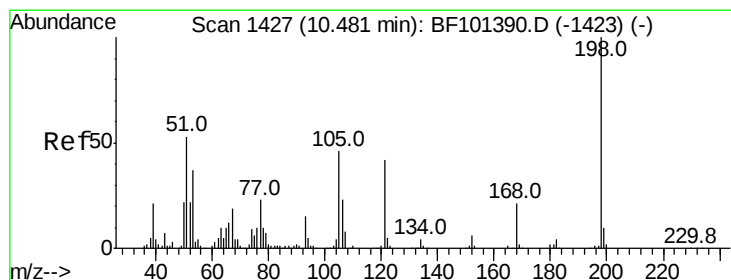
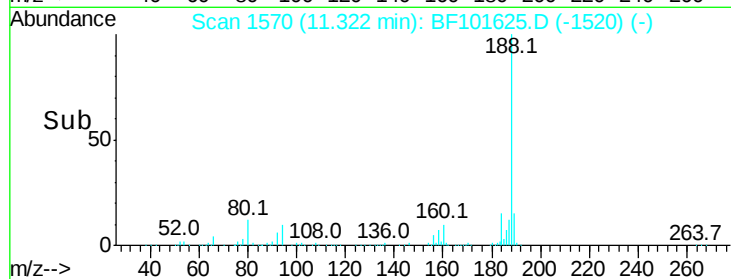
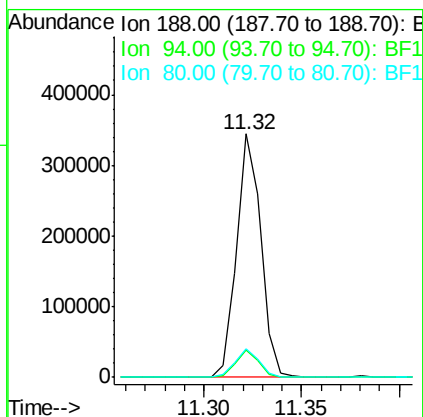
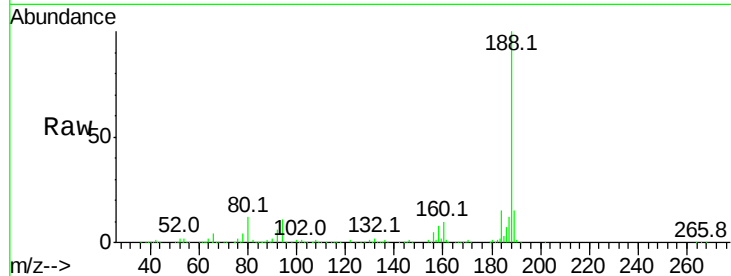




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

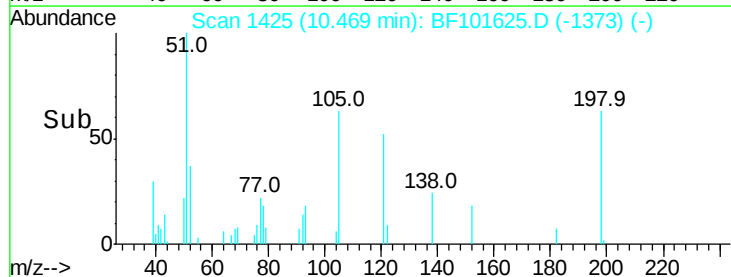
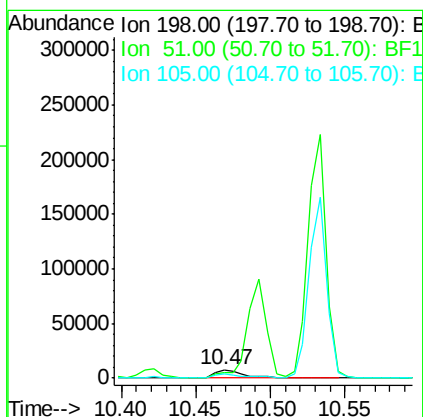
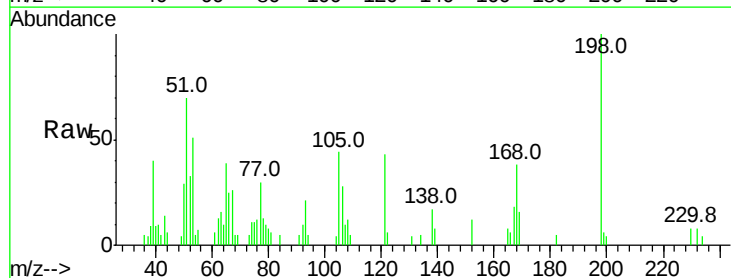
Instrument :
BNA_F
ClientSampleId :
PB105265BS

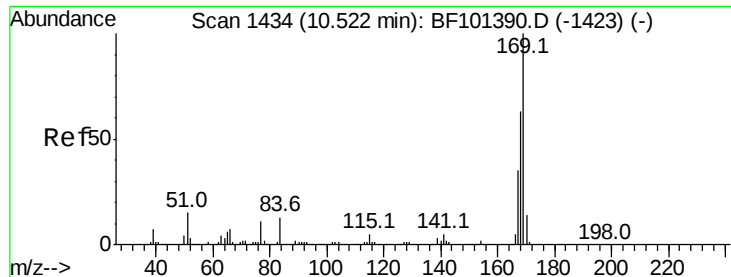
Tot Ion:188 Resp: 297360
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.135 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:198 Resp: 10827
Ion Ratio Lower Upper
198 100
51 69.9 37.7 77.7
105 44.4 36.3 76.3

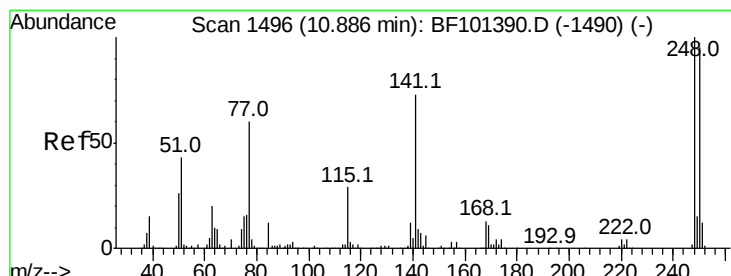
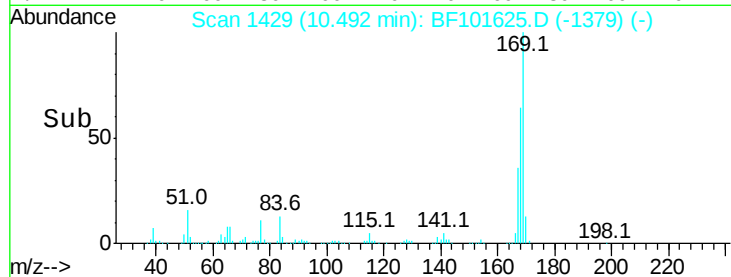
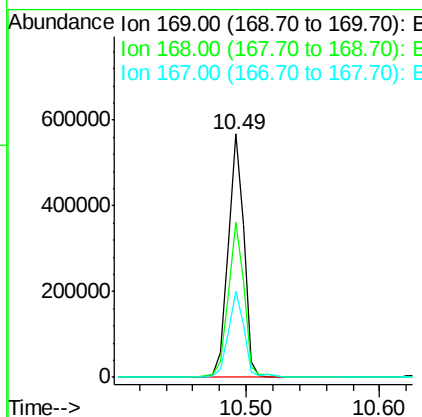
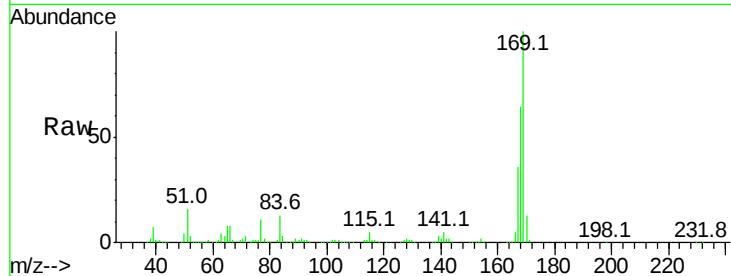




#65
 n-Nitrosodiphenylamine
 Concen: 43.081 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

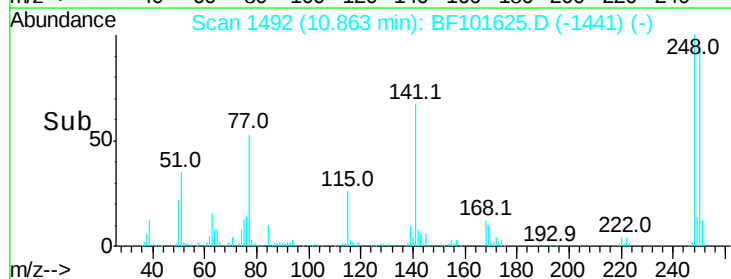
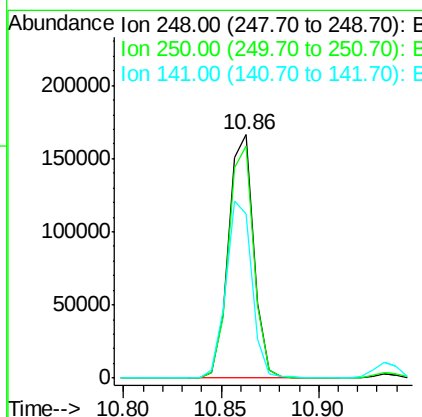
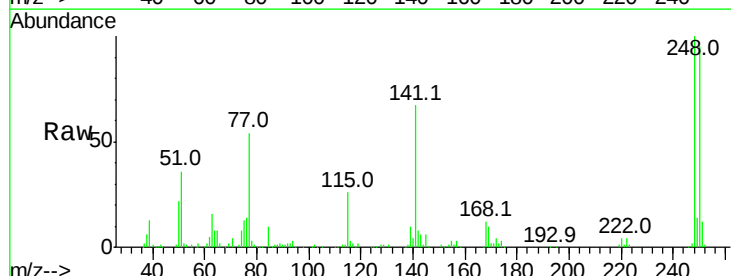
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

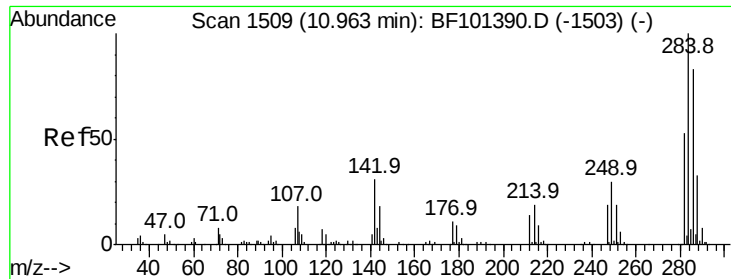
Tot Ion:169 Resp: 473028
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 35.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.720 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:248 Resp: 149420
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.9 115.3
 141 67.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 40.533 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

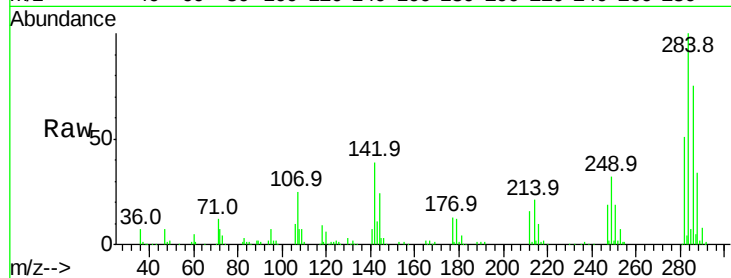
Tot Ion:284 Resp: 143334

Ion Ratio Lower Upper

284 100

142 38.6 34.6 52.0

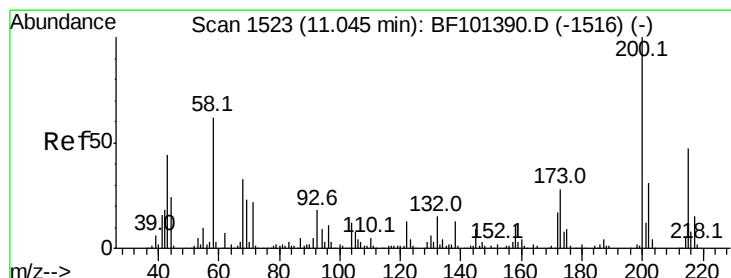
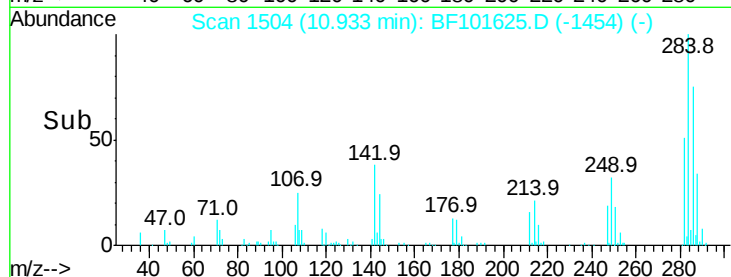
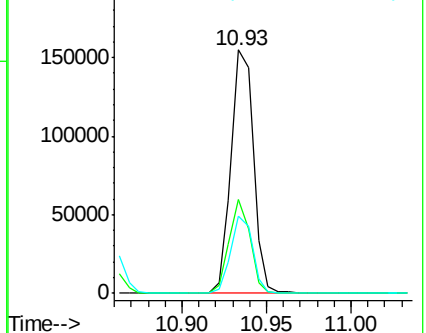
249 31.8 24.8 37.2



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: 43.736 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

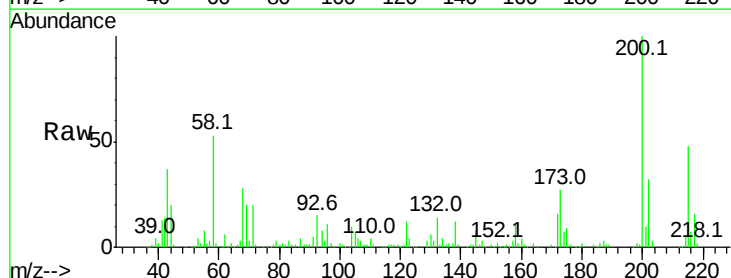
Tgt Ion:200 Resp: 143189

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

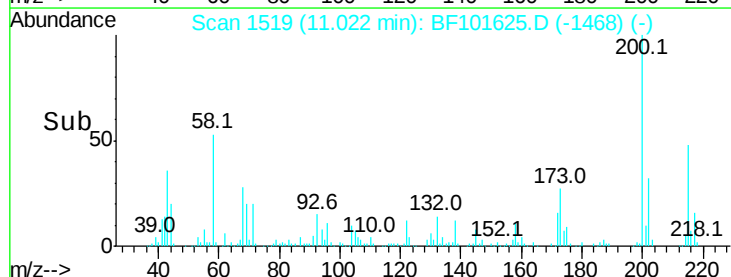
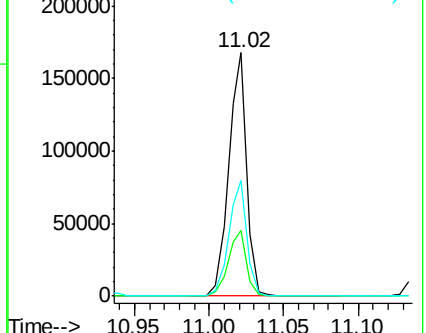
215 47.6 25.1 65.1

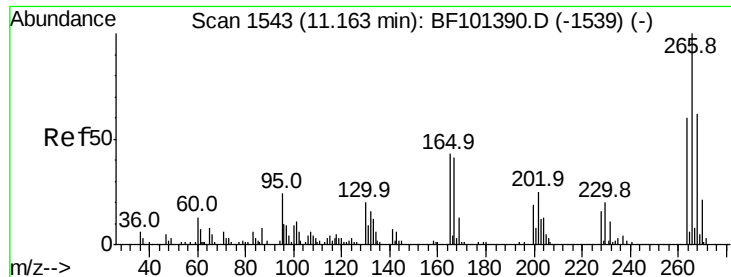


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

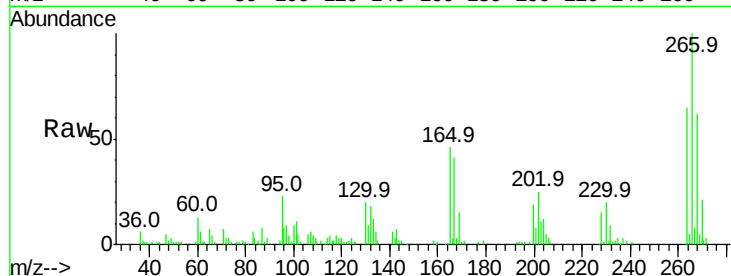




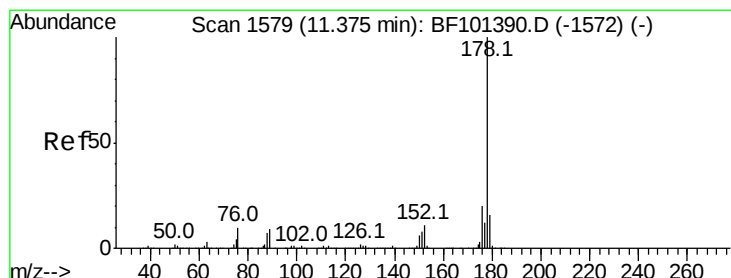
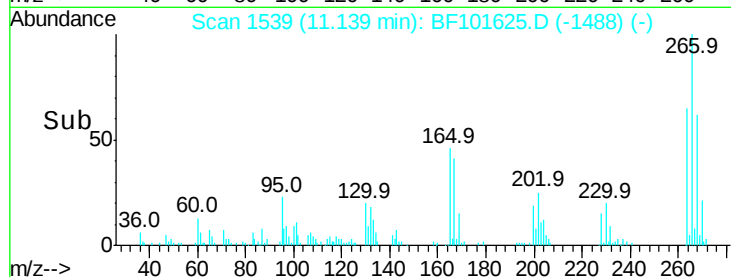
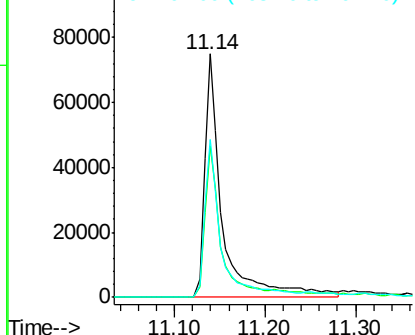
#69
 Pentachlorophenol
 Concen: 75.628 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Tot Ion:266 Resp: 103464
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 64.9 49.5 74.3

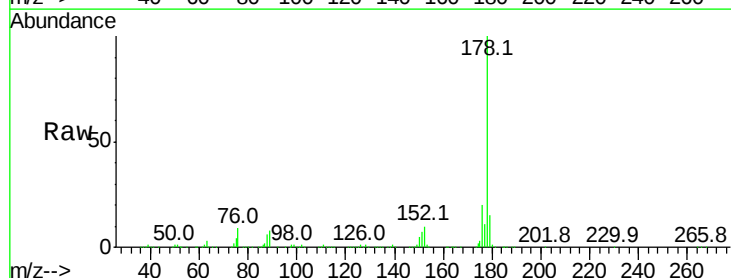


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

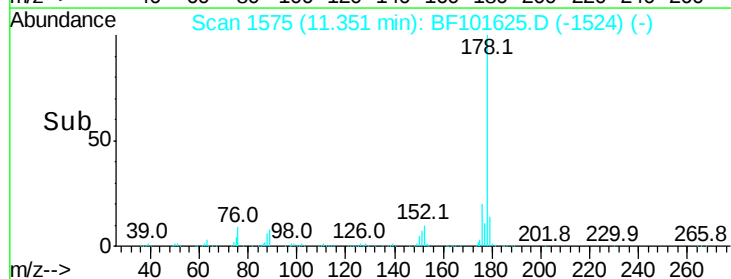
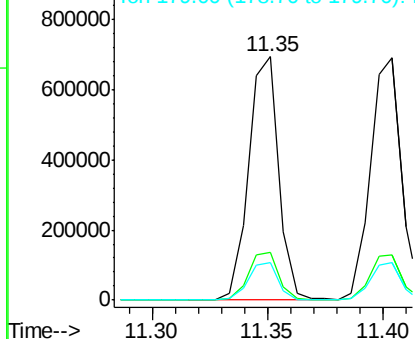


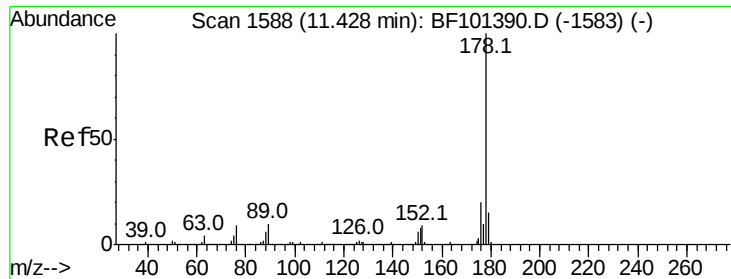
#70
 Phenanthrene
 Concen: 38.338 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:178 Resp: 633984
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.2 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

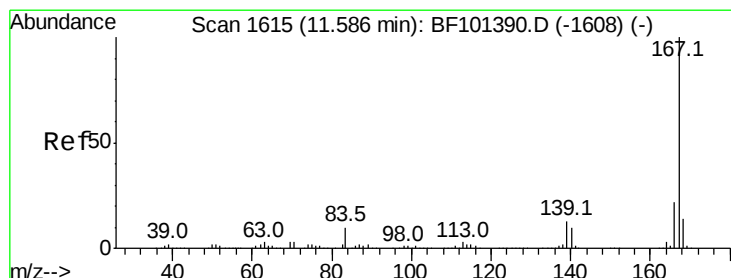
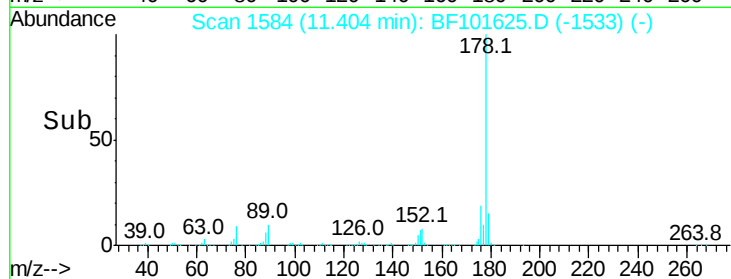
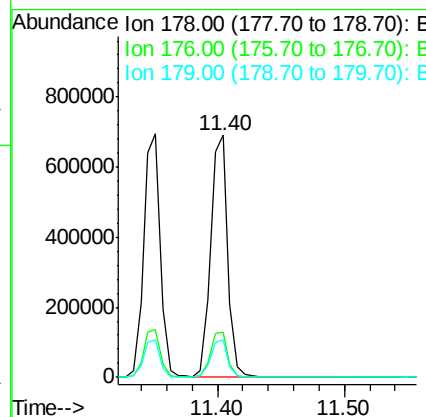
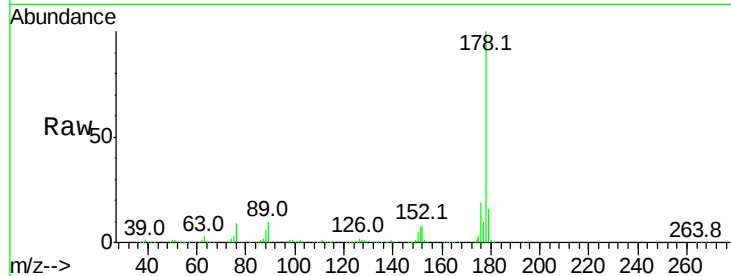




#71
 Anthracene
 Concen: 38.467 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

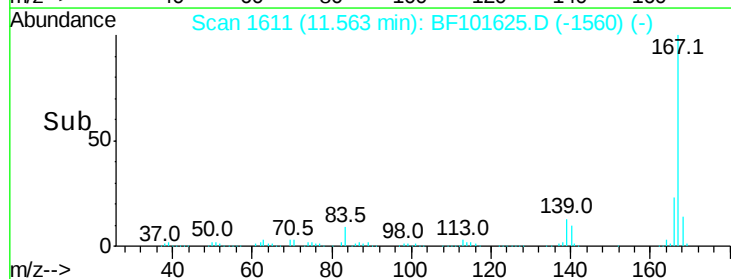
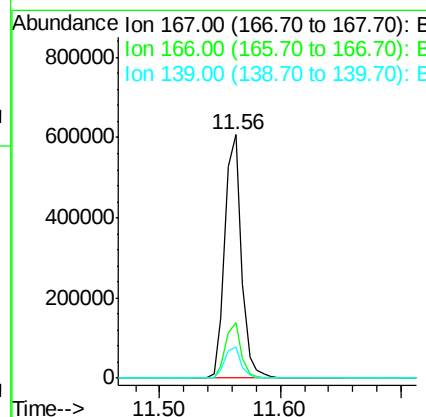
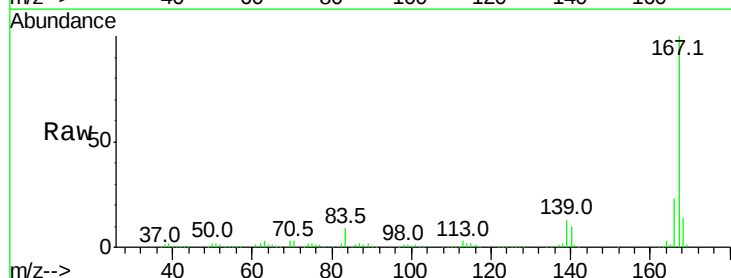
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

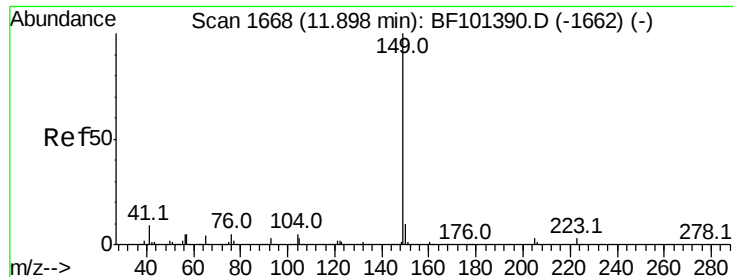
Tot Ion:178 Resp: 649775
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.372 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:167 Resp: 575221
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.317 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

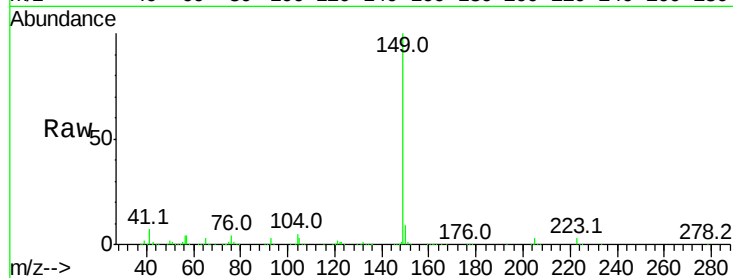
Tot Ion:149 Resp: 812292

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

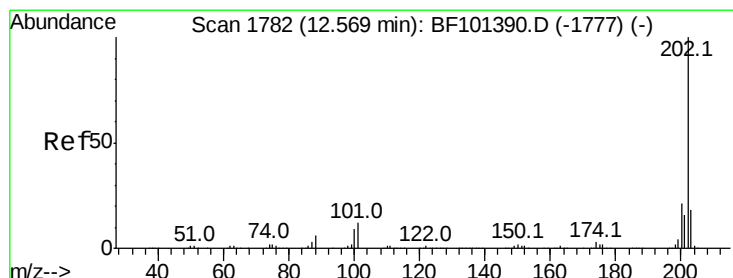
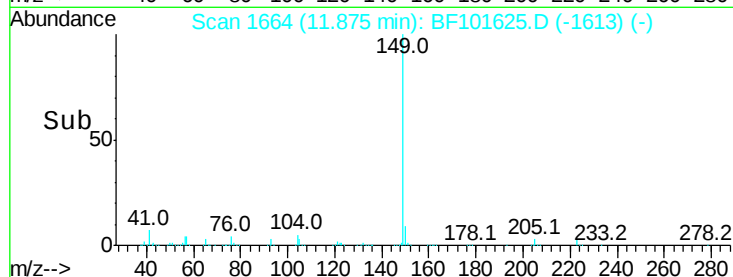
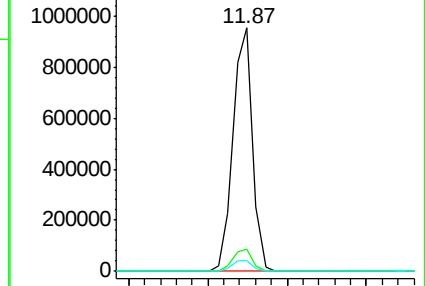
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.041 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

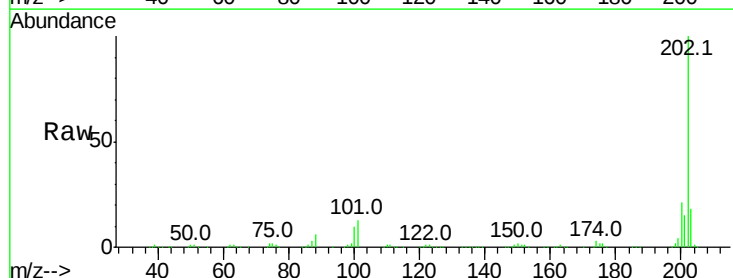
Tgt Ion:202 Resp: 642942

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

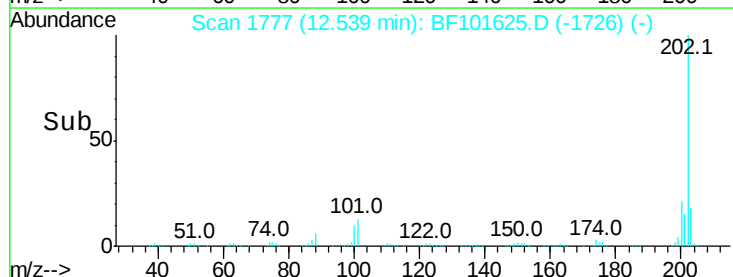
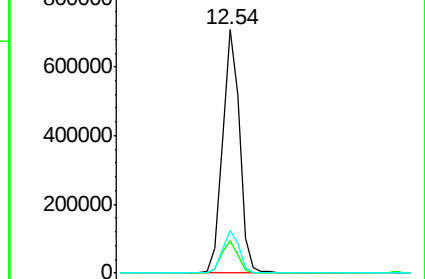
203 17.8 0.0 38.1

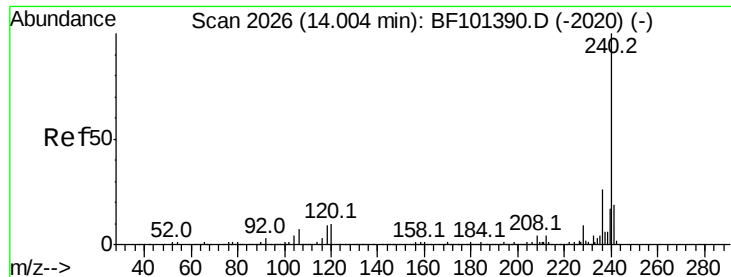


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

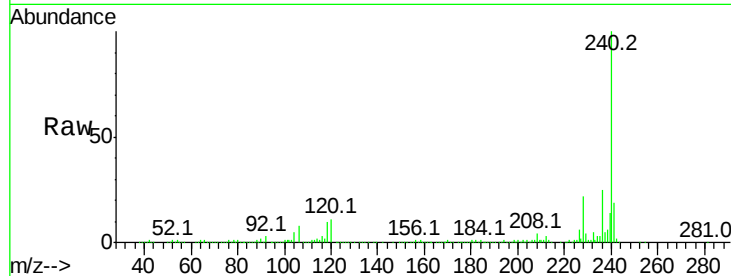
Tot Ion:240 Resp: 273394

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

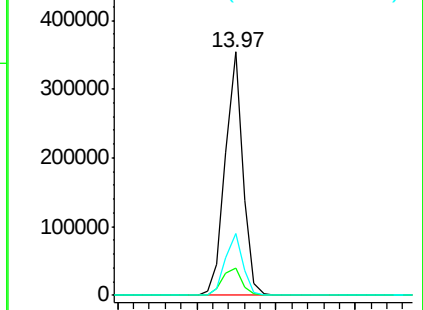
236 25.4 20.7 31.1



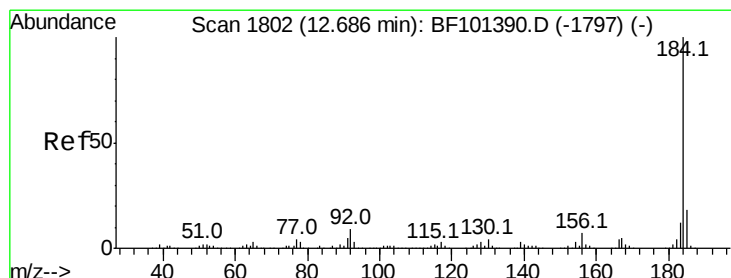
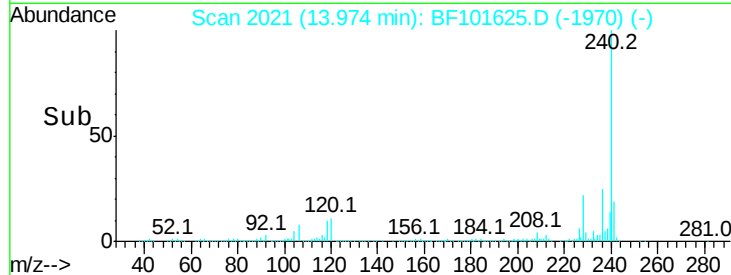
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 35.970 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

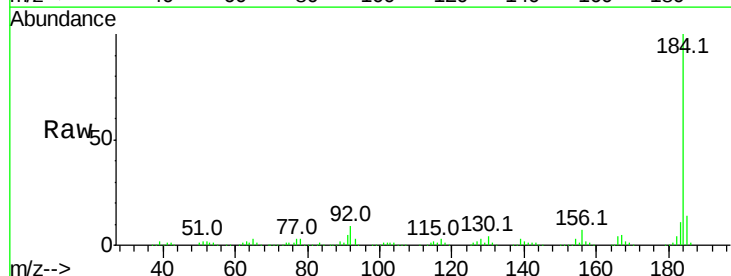
Tgt Ion:184 Resp: 415340

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

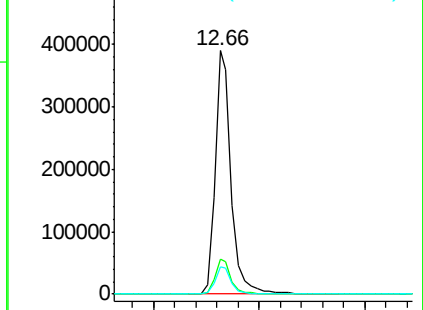
183 11.3 9.3 13.9



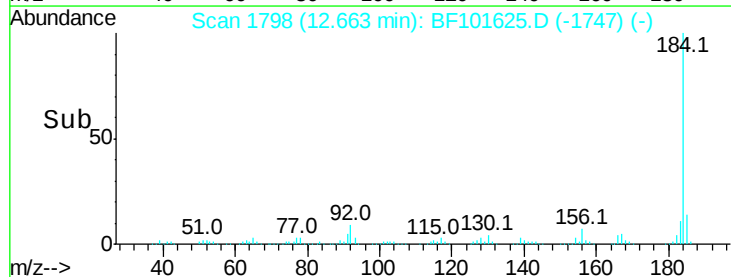
Abundance Ion 184.00 (183.70 to 184.70): E

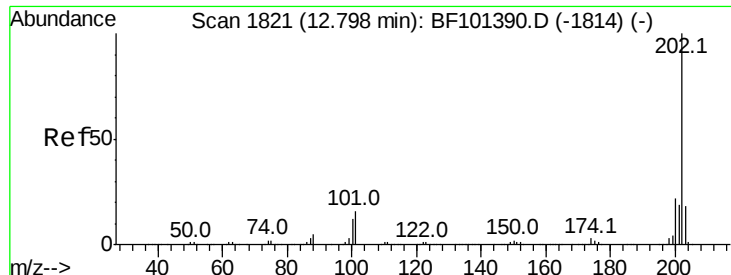
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80

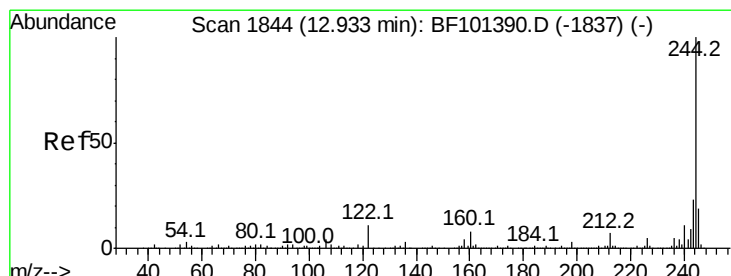
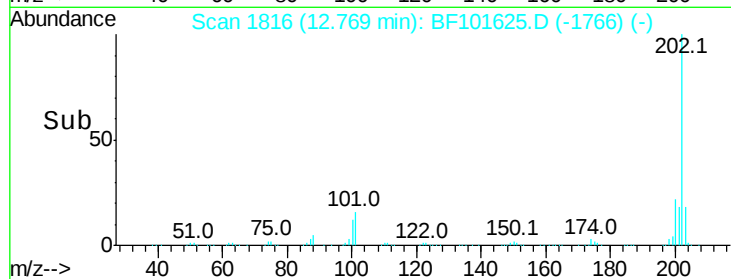
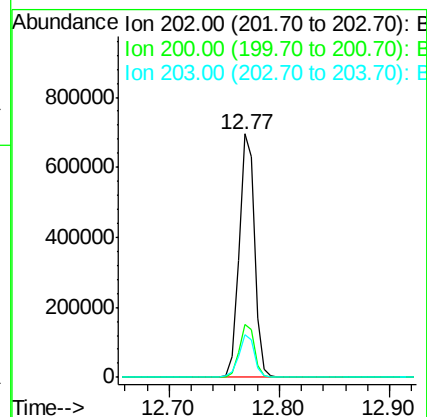
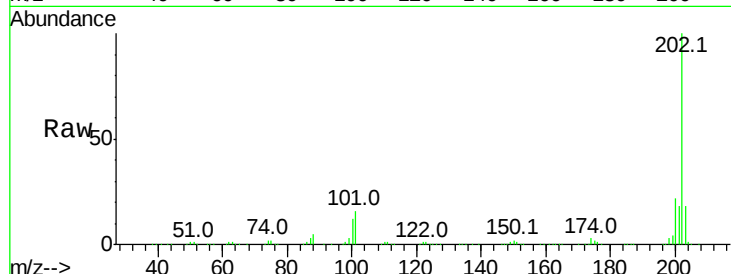




#77
Pvrene
Concen: 33.282 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

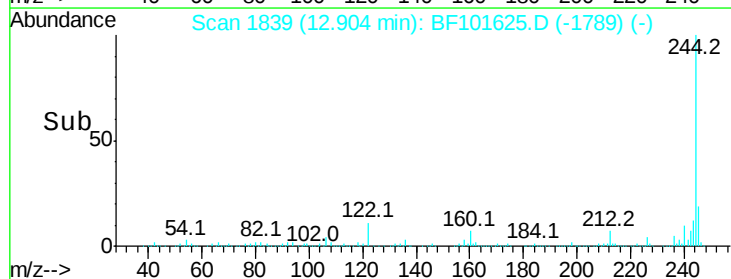
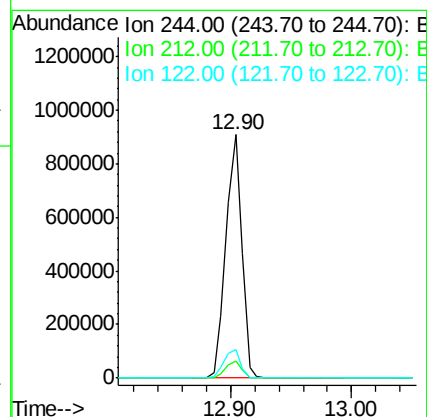
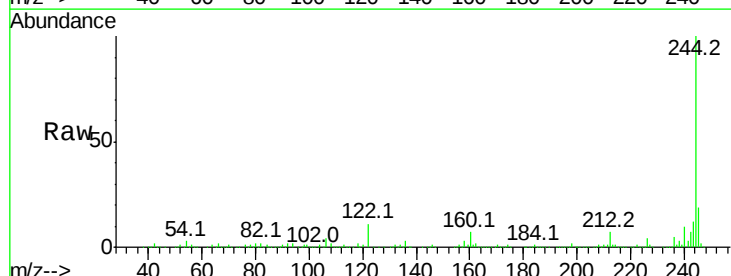
Instrument :
BNA_F
ClientSampleId :
PB105265BS

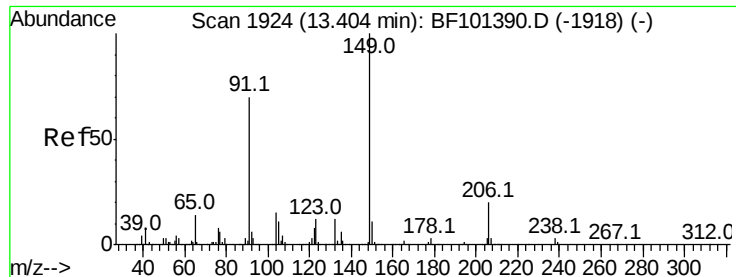
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 72.790 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

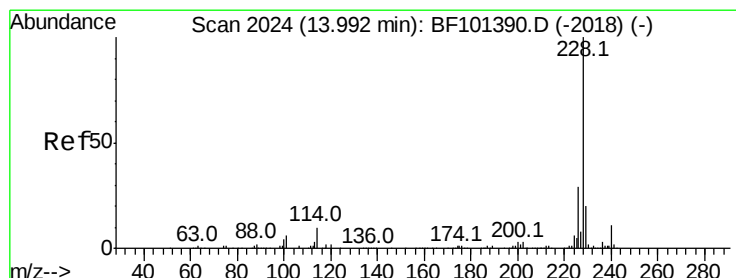
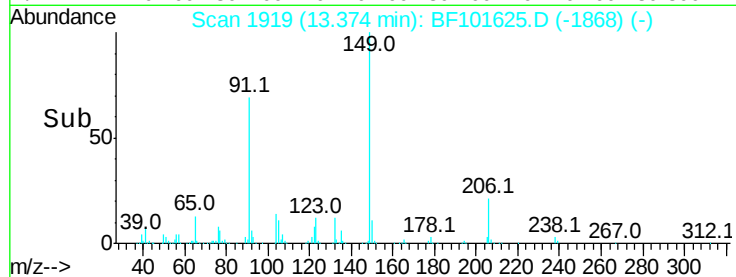
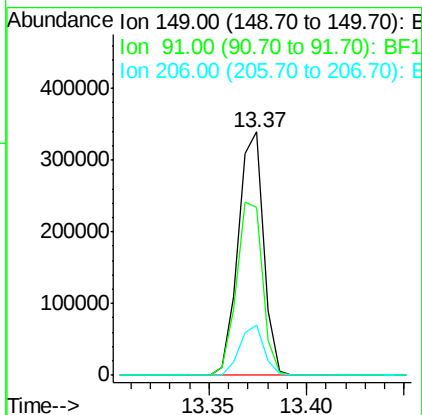
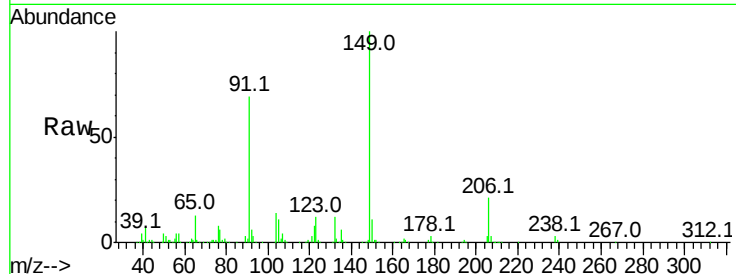




#79
 Butylbenzylphthalate
 Concen: 33.075 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

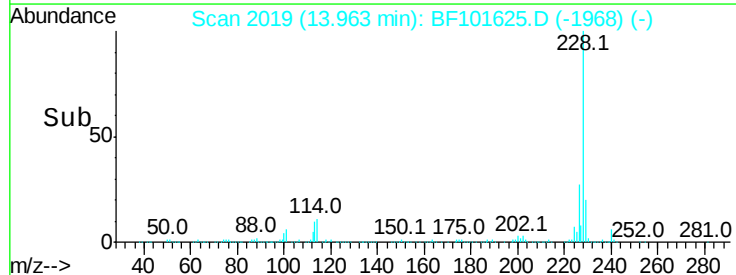
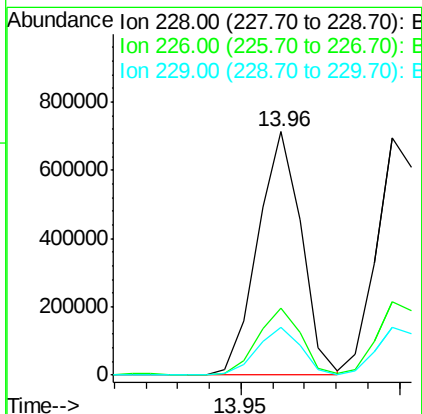
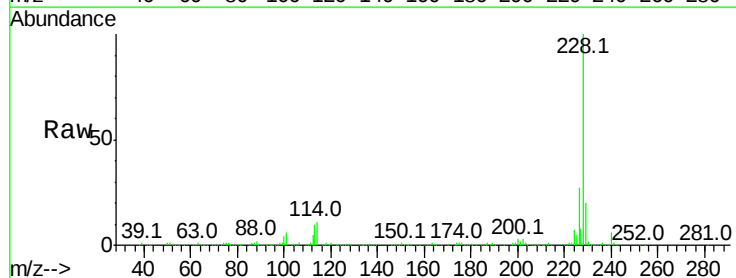
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

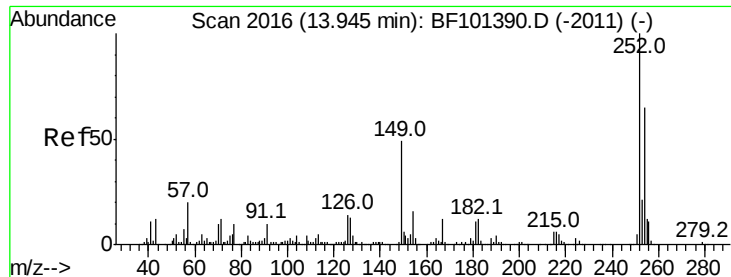
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.8	85.2
206	20.8	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 37.640 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6

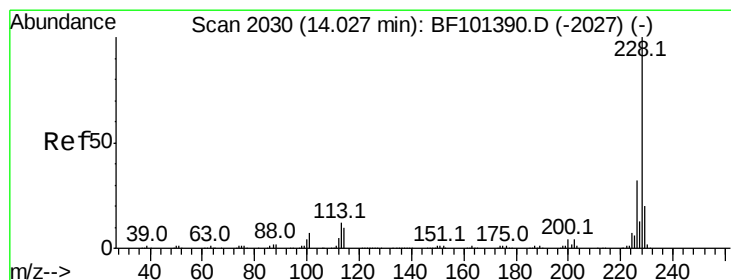
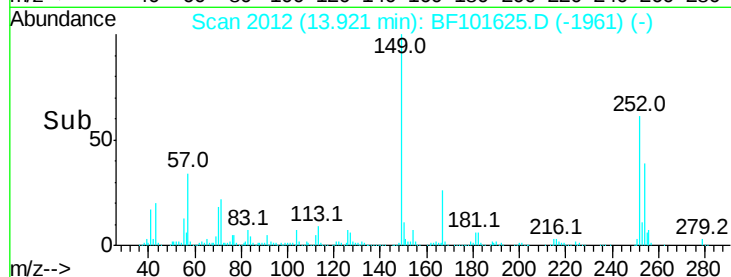
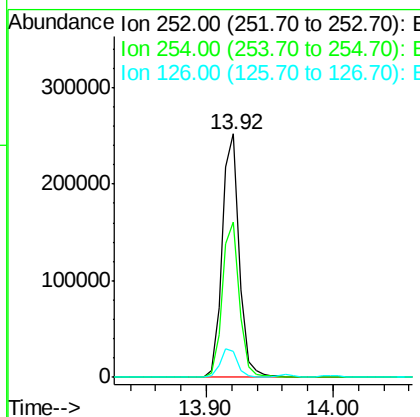
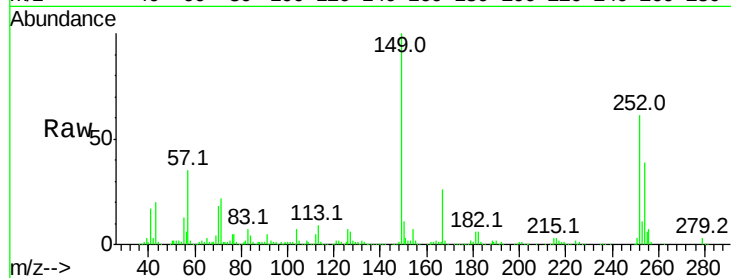




#81
 3,3'-Dichlorobenzidine
 Concen: 40.370 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

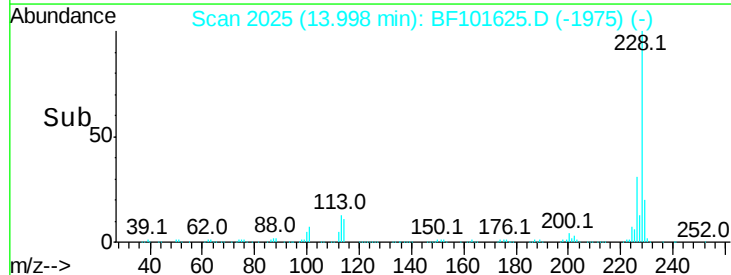
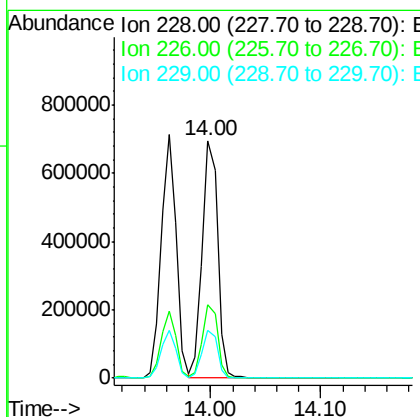
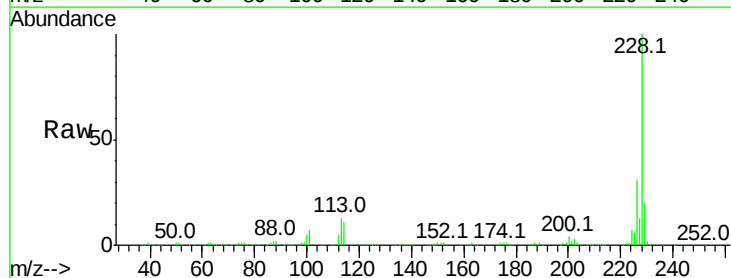
Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

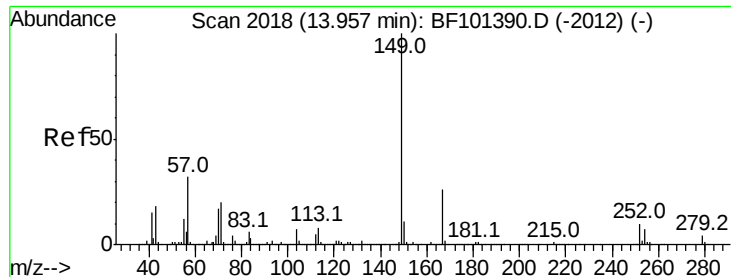
Tot Ion:252 Resp: 237632
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 10.7 11.3 16.9#



#82
 Chrysene
 Concen: 38.443 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101625.D
 Acq: 22 Dec 2017 00:54

Tgt Ion:228 Resp: 655256
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.204 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

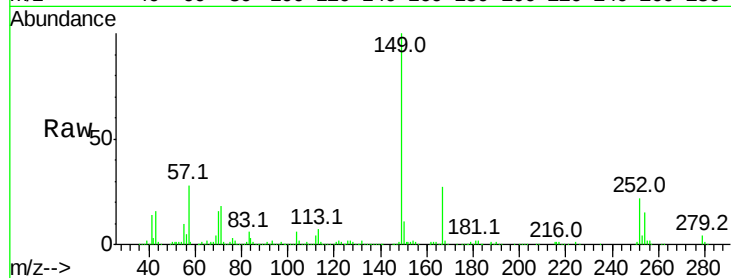
Tot Ion:149 Resp: 402210

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

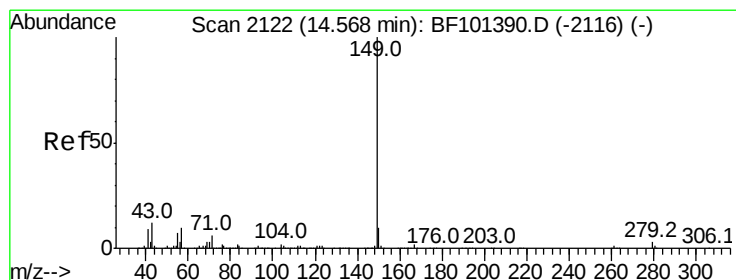
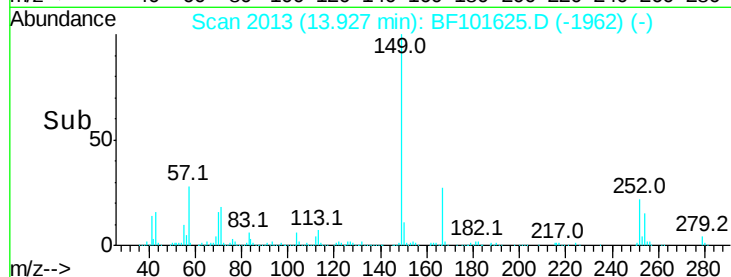
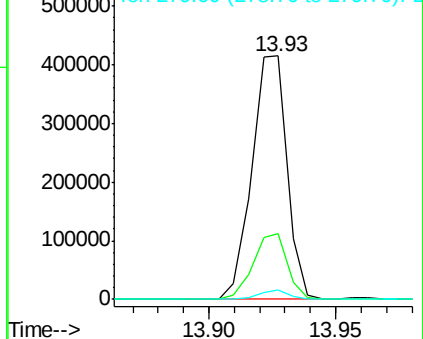
279 3.9 3.0 4.4



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: 38.942 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

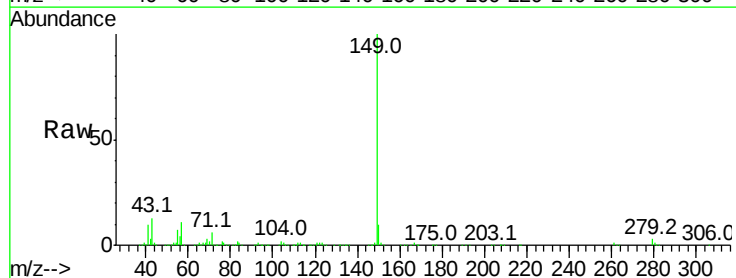
Tgt Ion:149 Resp: 816674

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

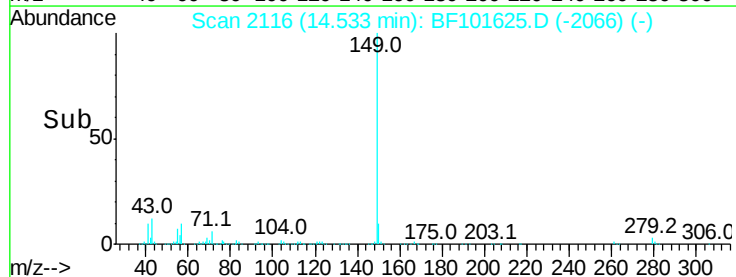
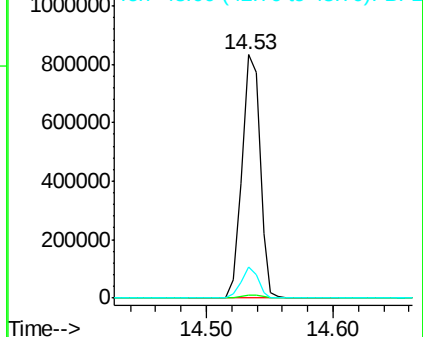
43 11.6 8.4 12.6

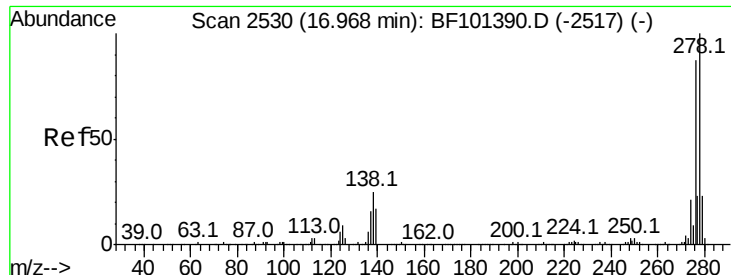


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

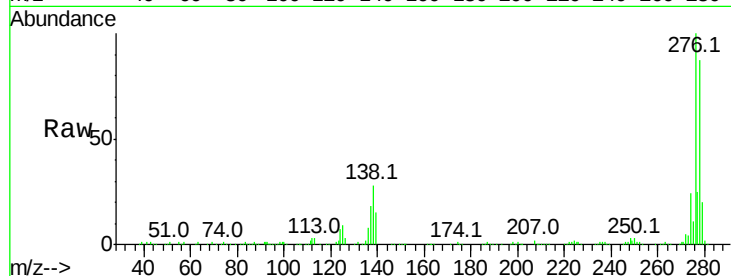




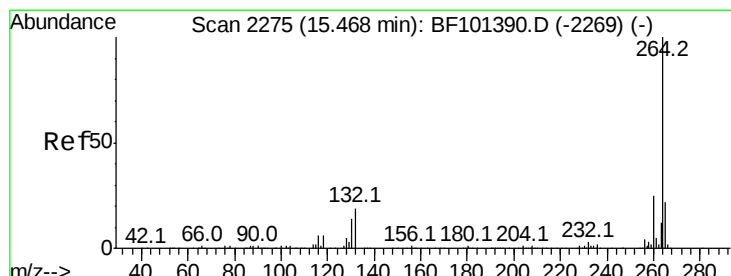
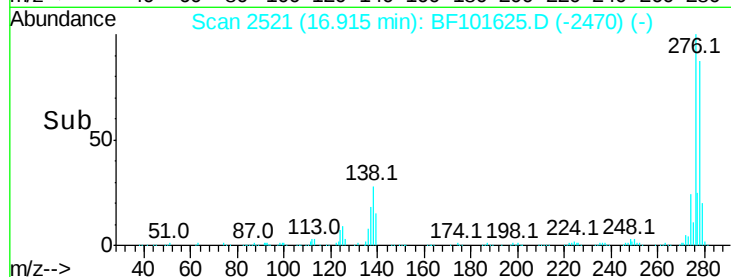
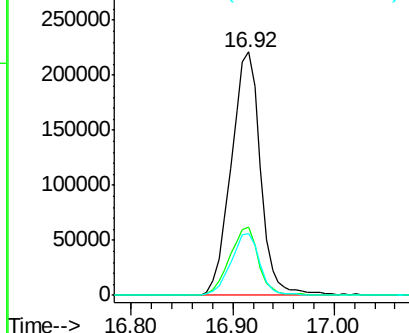
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.301 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:276 Resp: 444741
Ion Ratio Lower Upper
276 100
138 27.6 25.0 37.6
277 25.3 20.1 30.1

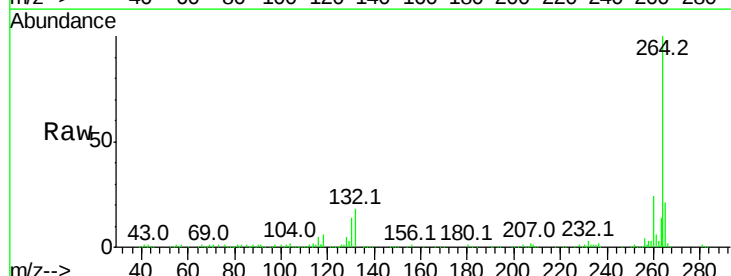


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

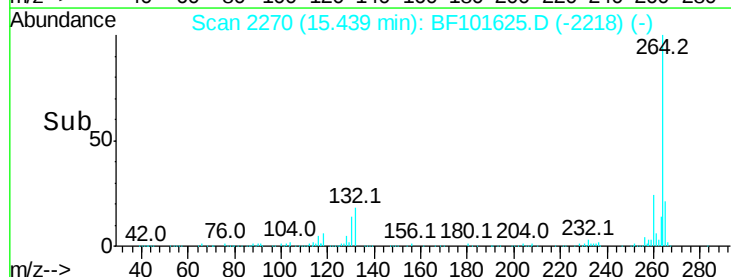
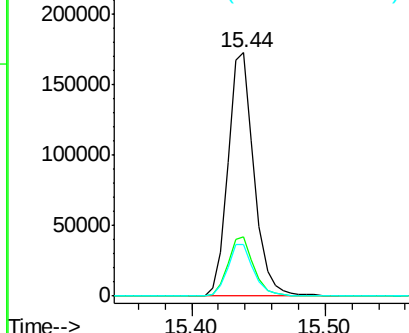


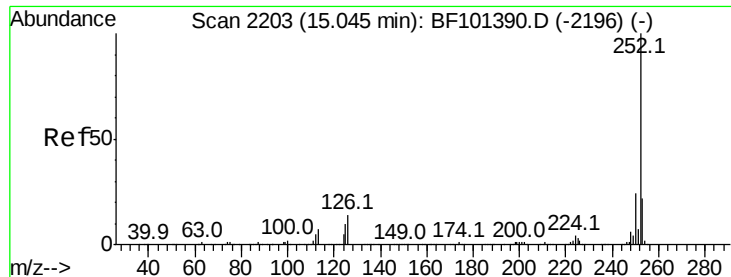
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:264 Resp: 236602
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

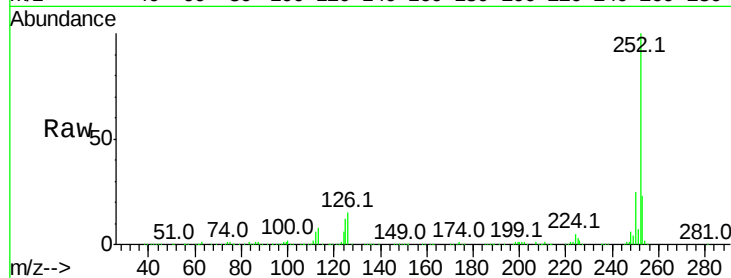




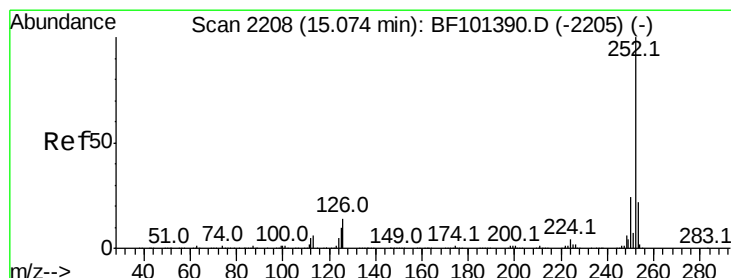
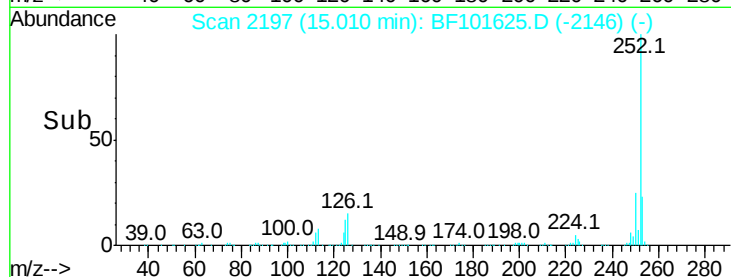
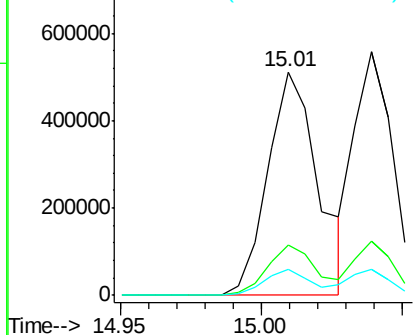
#87
Benzo(b)fluoranthene
Concen: 43.861 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Instrument :
BNA_F
ClientSampleId :
PB105265BS

Tot Ion:252 Resp: 632545
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.7 9.0 13.6

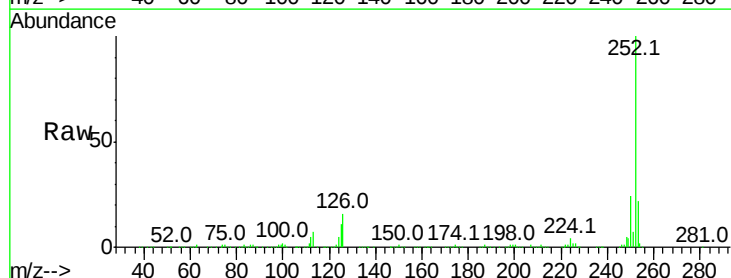


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

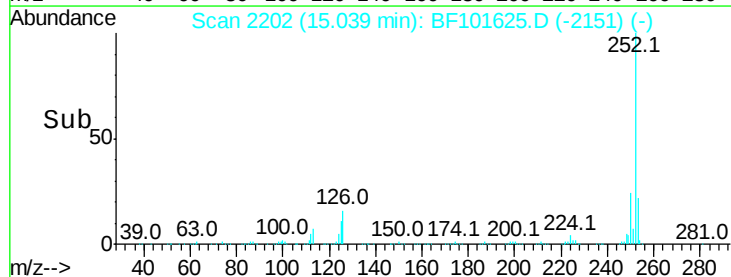
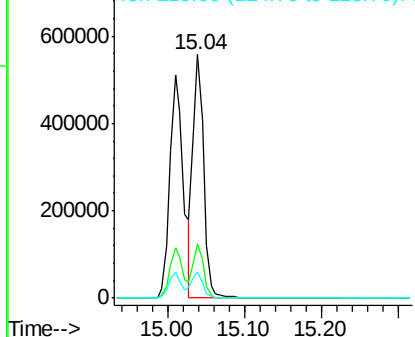


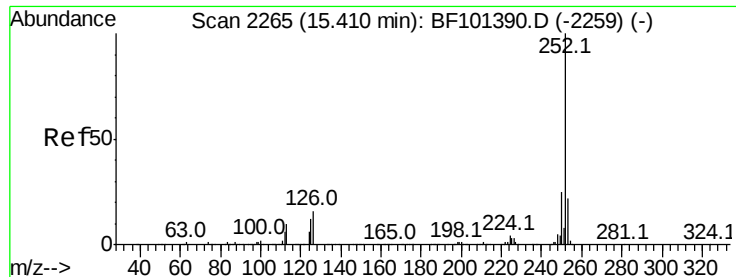
#88
Benzo(k)fluoranthene
Concen: 38.758 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion:252 Resp: 543454
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.9 10.2 15.2



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

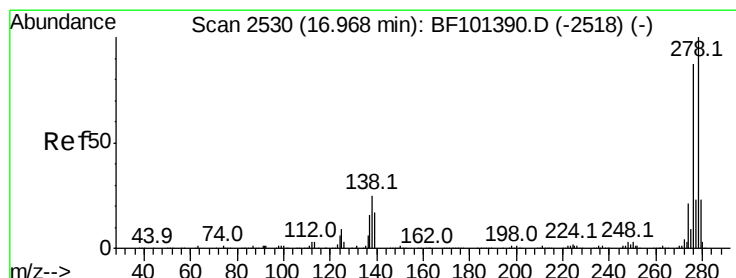
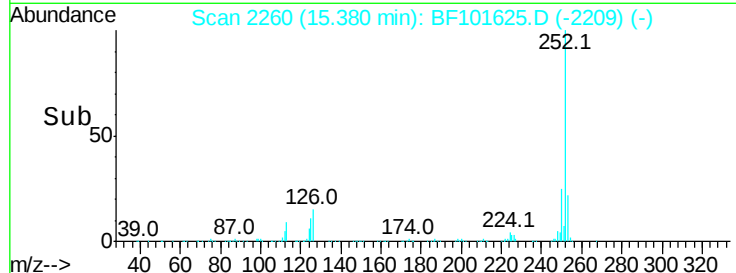
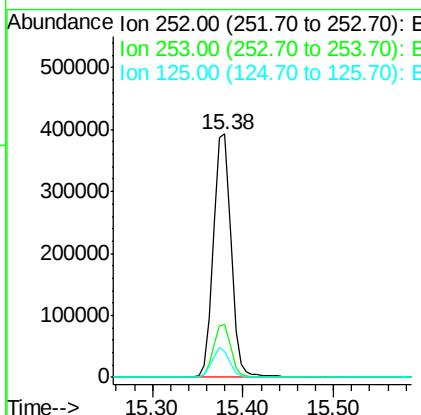
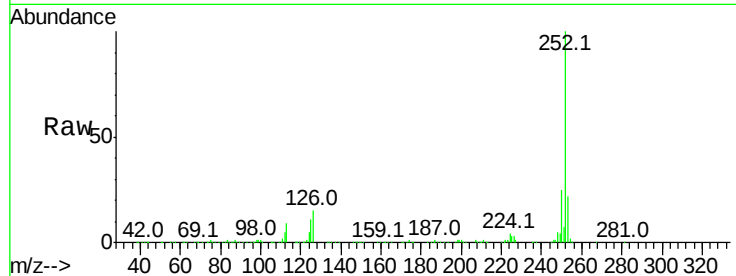




#89
Benzo(a)pyrene
Concen: 40.046 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

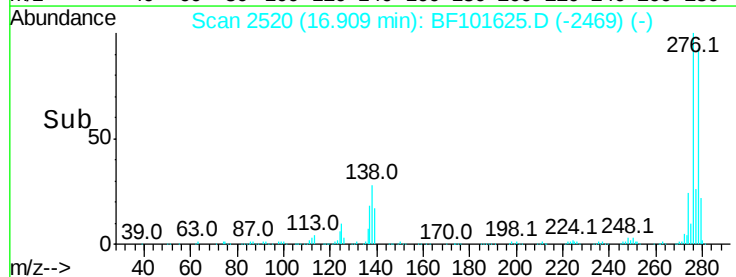
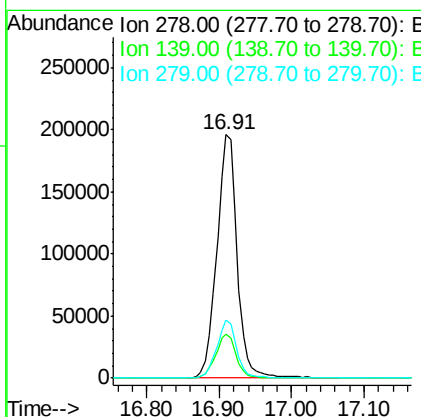
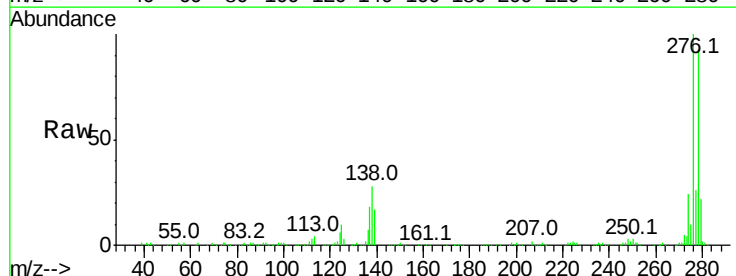
Instrument :
BNA_F
ClientSampleId :
PB105265BS

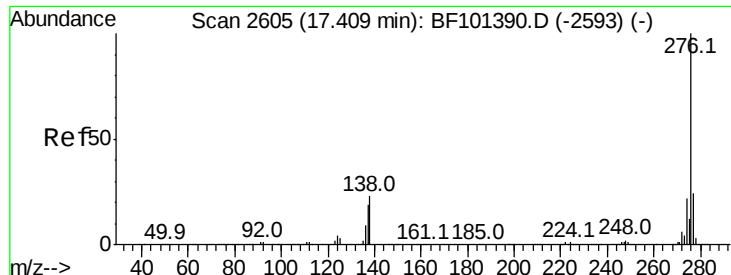
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 33.375 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF101625.D
Acq: 22 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 32.032 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101625.D

Acq: 22 Dec 2017 00:54

Instrument :

BNA_F

ClientSampleId :

PB105265BS

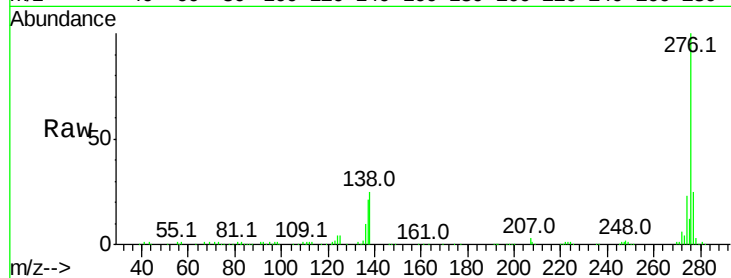
Tot Ion:276 Resp: 362048

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 25.2 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

