

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096647.D
 Acq On : 11 Jul 2017 16:33
 Operator : SJ/JU
 Sample : PB100554BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Quant Time: Jul 11 18:13:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103927	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	446899	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	194932	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	311698	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	175748	20.00	ng	-0.02
86) Perylene-d12	15.22	264	167475	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	842096	119.59	ng	0.00
7) Phenol-d6	6.33	99	951894	109.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	607711	81.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	194100	127.47	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1074186	94.22	ng	-0.02
78) Terphenyl-d14	12.78	244	791126	96.19	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	100310	30.044	ng	# 74
3) Pyridine	3.08	79	282711	30.861	ng	# 67
4) n-Nitrosodimethylamine	3.02	42	168675	37.304	ng	# 82
6) Aniline	6.35	93	302903	27.074	ng	# 1
8) 2-Chlorophenol	6.47	128	310204	41.312	ng	# 98
9) Benzaldehyde	6.23	77	158300	29.220	ng	# 98
10) Phenol	6.35	94	355886	36.088	ng	# 83
11) bis(2-Chloroethyl)ether	6.43	93	301019	39.498	ng	# 95
12) 1,3-Dichlorobenzene	6.63	146	329143	41.806	ng	# 99
13) 1,4-Dichlorobenzene	6.70	146	330757	42.032	ng	# 97
14) 1,2-Dichlorobenzene	6.86	146	305604	42.296	ng	# 98
15) Benzyl Alcohol	6.83	79	252585	43.651	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	603820	38.973	ng	# 92
17) 2-Methylphenol	6.95	107	259001	43.282	ng	# 98
18) Hexachloroethane	7.20	117	119475	41.878	ng	# 82
19) n-Nitroso-di-n-propylamine	7.10	70	205326	39.816	ng	# 80
20) 3+4-Methylphenols	7.10	107	301855	45.225	ng	# 81
22) Acetophenone	7.10	105	402944	41.265	ng	# 92
24) Nitrobenzene	7.27	77	315893	40.489	ng	# 90
25) Isophorone	7.51	82	582043	40.364	ng	# 96
26) 2-Nitrophenol	7.59	139	171291	41.480	ng	# 92
27) 2,4-Dimethylphenol	7.63	122	291617	41.473	ng	# 95
28) bis(2-Chloroethoxy)methane	7.72	93	389673	40.937	ng	# 100
29) 2,4-Dichlorophenol	7.83	162	259875	42.837	ng	# 96
30) 1,2,4-Trichlorobenzene	7.91	180	241973	42.283	ng	# 97
31) Naphthalene	7.99	128	888444	42.111	ng	# 99
32) Benzoic acid	7.76	122	178335	30.199	ng	# 89
33) 4-Chloroaniline	8.04	127	176691	20.163	ng	# 94
34) Hexachlorobutadiene	8.12	225	120072	40.908	ng	# 98
35) Caprolactam	8.41	113	60523	28.931	ng	# 64
36) 4-Chloro-3-methylphenol	8.53	107	277708	41.370	ng	# 89
37) 2-Methylnaphthalene	8.68	142	609717	45.400	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	205029	40.508	ng	# 98
40) Hexachlorocyclopentadiene	8.84	237	203142	82.543	ng	# 98

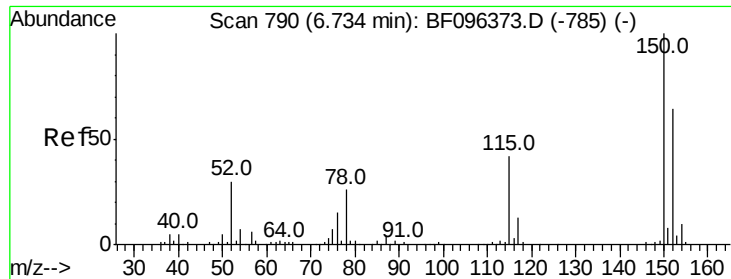
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	165143	41.244	ng	96
43) 2,4,5-Trichlorophenol	9.00	196	171342	43.280	ng	95
45) 1,1'-Biphenyl	9.15	154	669082	40.060	ng	98
46) 2-Chloronaphthalene	9.17	162	534691	42.957	ng	94
47) 2-Nitroaniline	9.26	65	192816	42.573	ng	92
48) Acenaphthylene	9.58	152	831833	42.176	ng	100
49) Dimethylphthalate	9.45	163	642126	44.127	ng	98
50) 2,6-Dinitrotoluene	9.50	165	143025	44.446	ng	# 81
51) Acenaphthene	9.75	154	483939	39.806	ng	99
52) 3-Nitroaniline	9.67	138	102685	25.584	ng	96
53) 2,4-Dinitrophenol	9.78	184	102766	60.127	ng	# 76
54) Dibenzofuran	9.93	168	728267	45.372	ng	98
55) 4-Nitrophenol	9.84	139	228944	68.821	ng	# 67
56) 2,4-Dinitrotoluene	9.91	165	179643	44.083	ng	# 77
57) Fluorene	10.27	166	528200	46.594	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	131236	47.913	ng	# 98
59) Diethylphthalate	10.14	149	628397	45.687	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	220420	44.689	ng	97
61) 4-Nitroaniline	10.29	138	154574	42.355	ng	91
62) Azobenzene	10.42	77	578710	43.512	ng	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	79178	36.833	ng	79
65) n-Nitrosodiphenylamine	10.38	169	498823	45.611	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	135009	44.495	ng	97
67) Hexachlorobenzene	10.82	284	145728	43.874	ng	# 88
68) Atrazine	10.91	200	141897	45.415	ng	97
69) Pentachlorophenol	11.01	266	150705	76.555	ng	98
70) Phenanthrene	11.22	178	786299	46.666	ng	99
71) Anthracene	11.27	178	798044	46.478	ng	99
72) Carbazole	11.43	167	752182	43.560	ng	98
73) Di-n-butylphthalate	11.77	149	925628	44.256	ng	99
74) Fluoranthene	12.40	202	700943	42.430	ng	98
76) Benzidine	12.52	184	292357	34.669	ng	# 93
77) Pyrene	12.63	202	739224	52.402	ng	98
79) Butylbenzylphthalate	13.26	149	351033	49.157	ng	# 82
80) Benzo(a)anthracene	13.82	228	486151	47.768	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	127532	30.510	ng	# 96
82) Chrysene	13.85	228	484783	45.487	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	406379	50.981	ng	100
84) Di-n-octyl phthalate	14.43	149	678571	43.229	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	502104	59.684	ng	98
87) Benzo(b)fluoranthene	14.83	252	450553	42.935	ng	98
88) Benzo(k)fluoranthene	14.86	252	384669	40.979	ng	96
89) Benzo(a)pyrene	15.17	252	448694	47.892	ng	98
90) Dibenzo(a,h)anthracene	16.58	278	413317	56.077	ng	95
91) Benzo(g,h,i)perylene	16.97	276	453362	59.360	ng	97

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

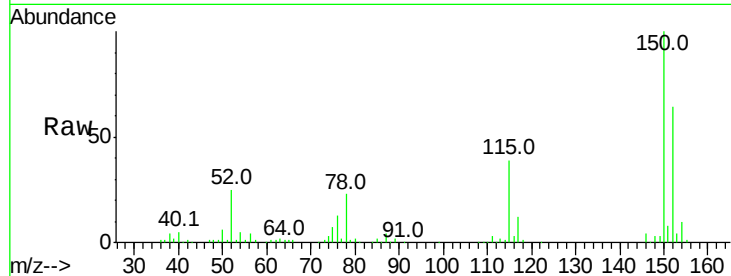


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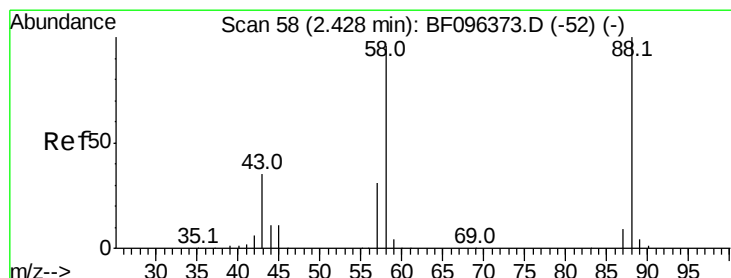
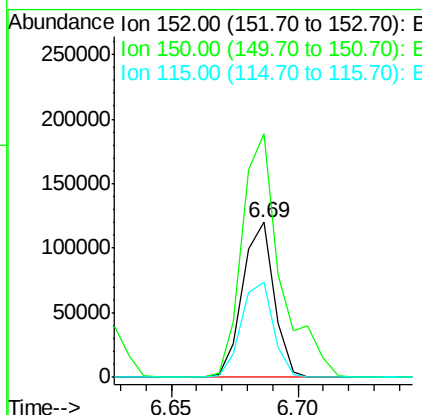
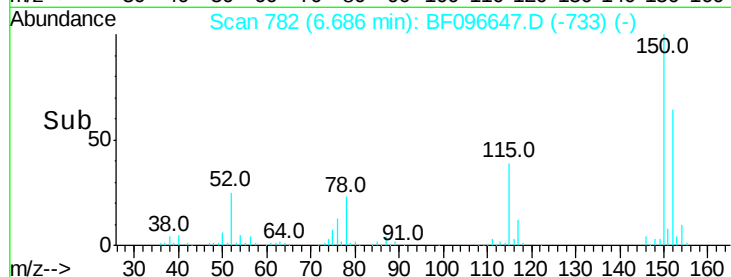
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion:152 Resp: 103927
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 61.5 52.2 78.2



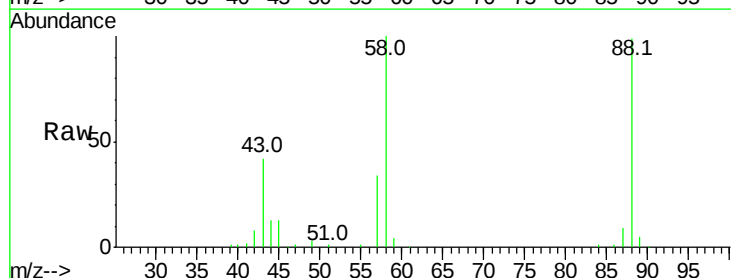
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



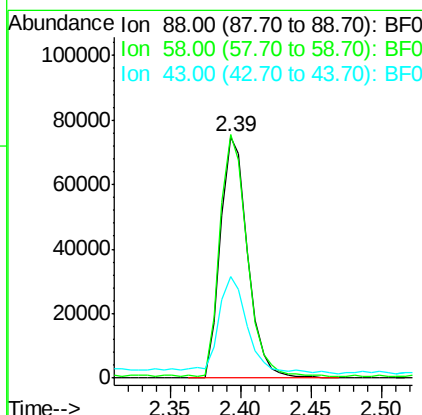
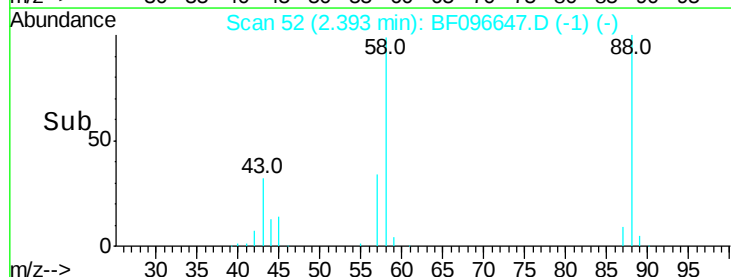
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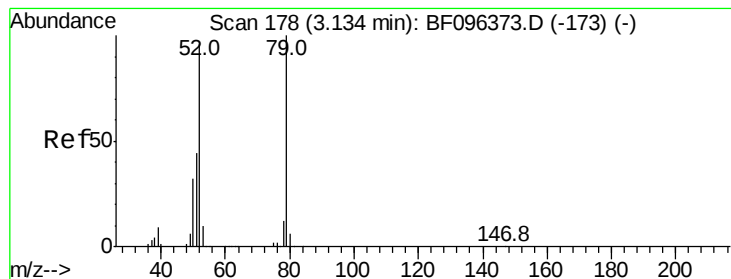
1,4-Dioxane
 Concen: 30.044 ng
 RT: 2.39 min Scan# 52
 Delta R.T. 0.03 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion: 88 Resp: 100310
 Ion Ratio Lower Upper
 88 100
 58 100.8 61.4 92.0#
 43 40.6 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.861 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

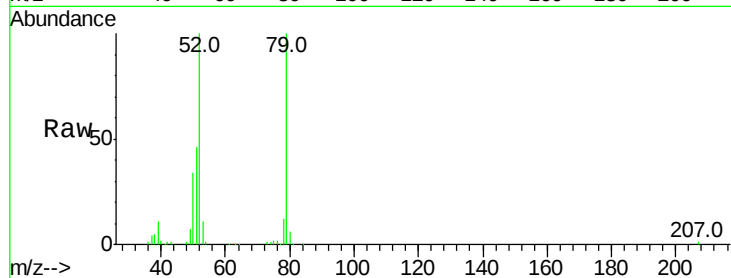
Tot Ion: 79 Resp: 282711

Ion Ratio Lower Upper

79 100

52 99.9 54.8 82.2#

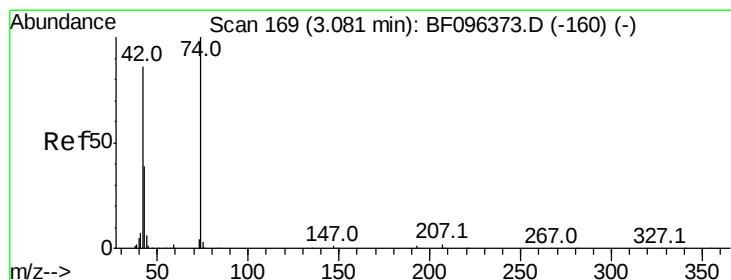
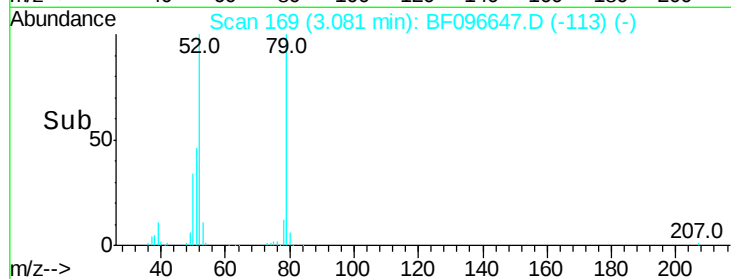
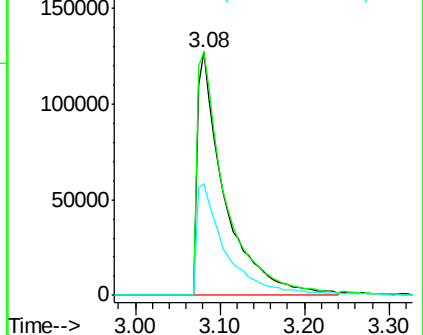
51 45.8 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.304 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

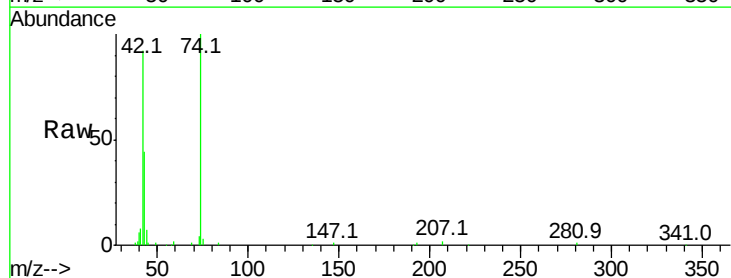
Tgt Ion: 42 Resp: 168675

Ion Ratio Lower Upper

42 100

74 108.4 103.9 155.9

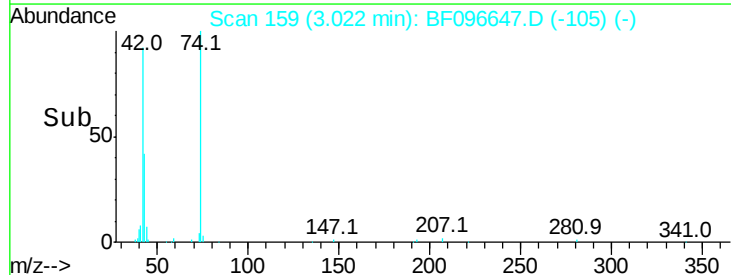
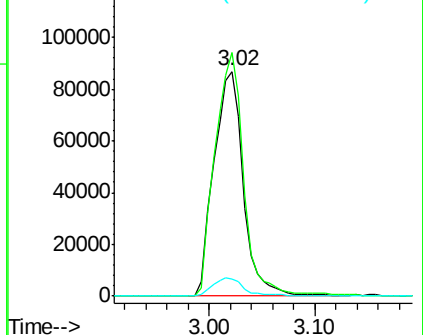
44 7.7 5.7 8.5

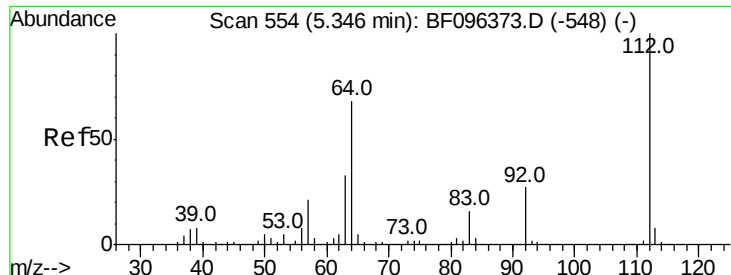


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.594 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

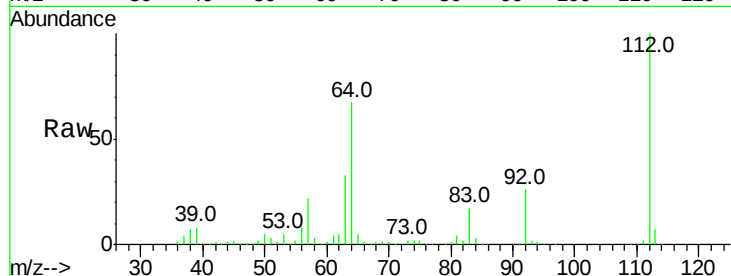
Tot Ion:112 Resp: 842096

Ion Ratio Lower Upper

112 100

64 66.9 46.0 69.0

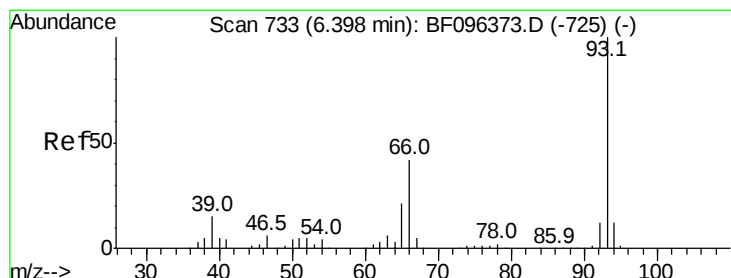
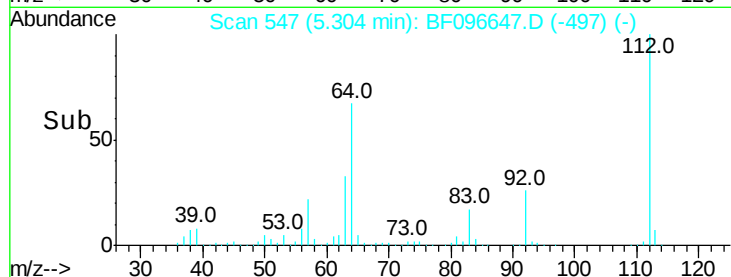
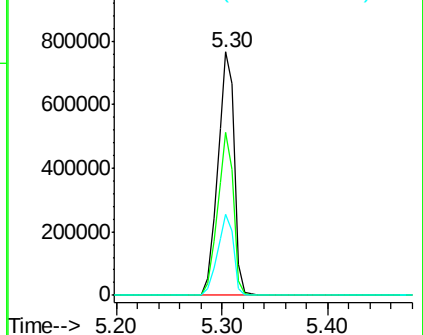
63 33.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.074 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

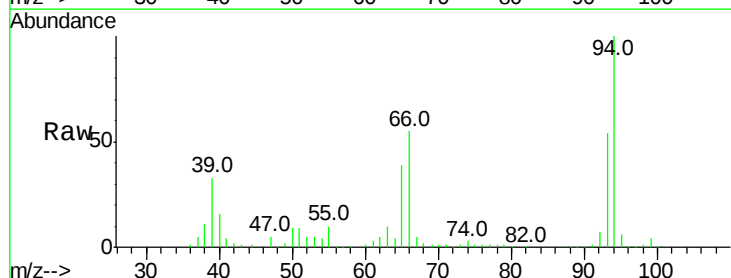
Tgt Ion: 93 Resp: 302903

Ion Ratio Lower Upper

93 100

66 101.9 32.9 49.3#

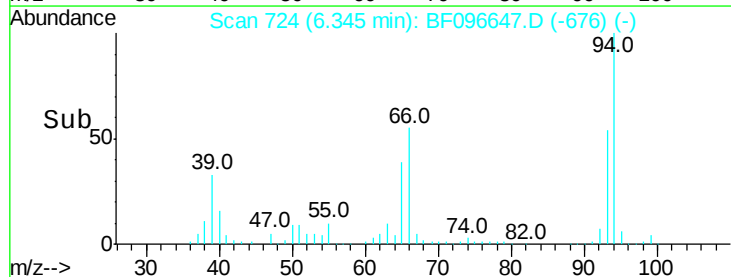
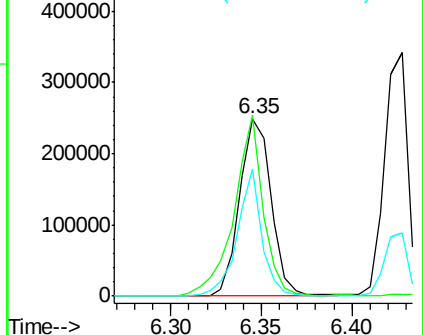
65 71.7 16.0 24.0#

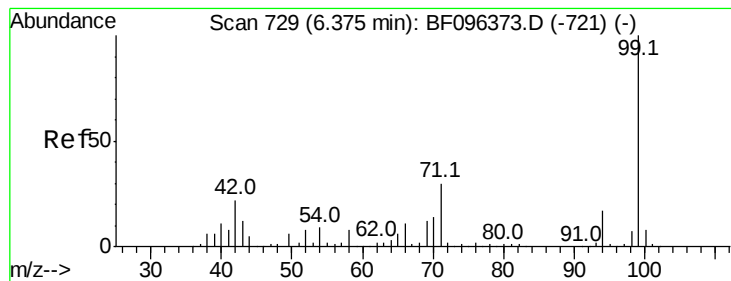


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.965 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

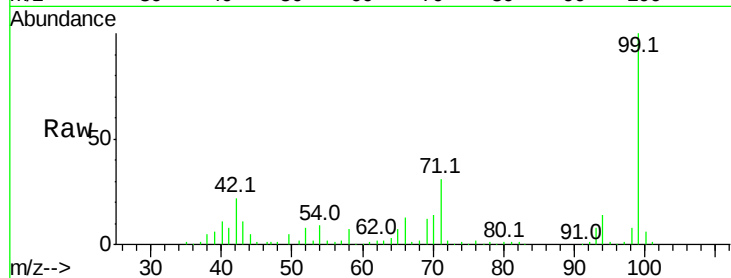
BNA_F

ClientSampleId :

PB100554BS

Tot Ion: 99 Resp: 951894

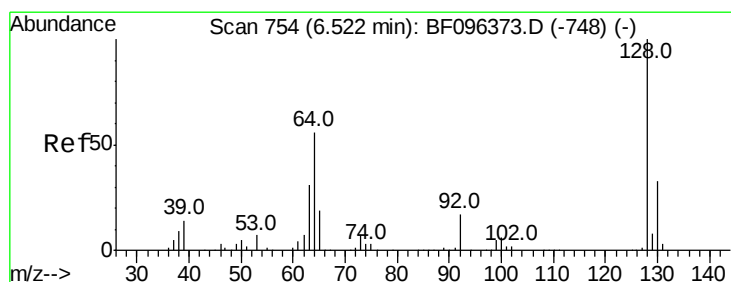
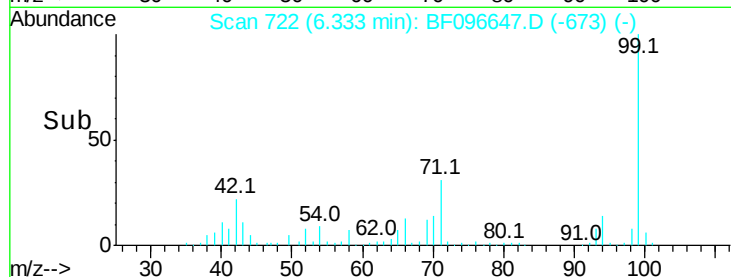
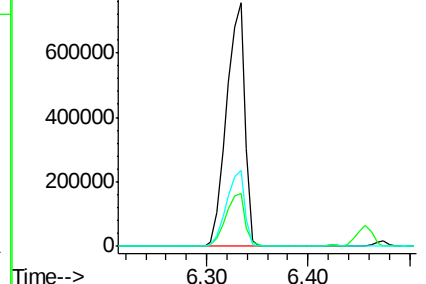
Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	31.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.312 ng

RT: 6.47 min Scan# 746

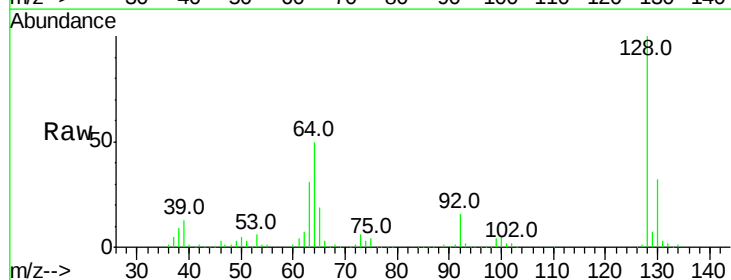
Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion: 128 Resp: 310204

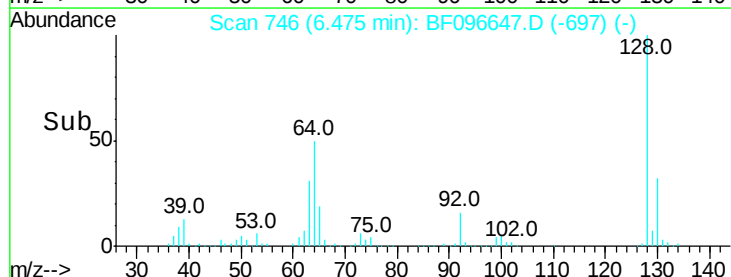
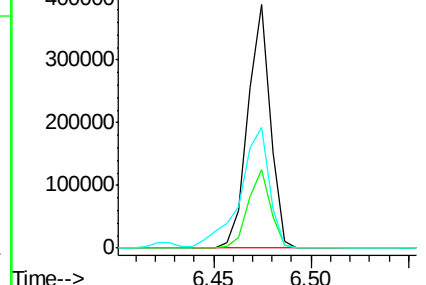
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	49.7	28.4	68.4

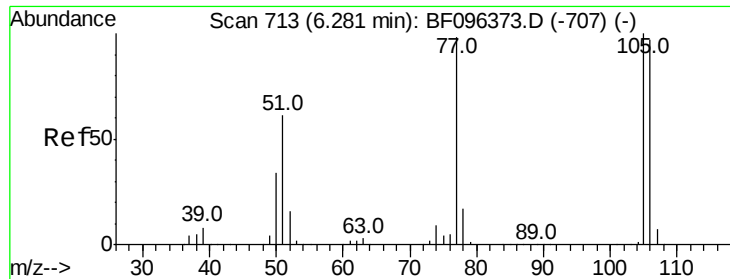


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

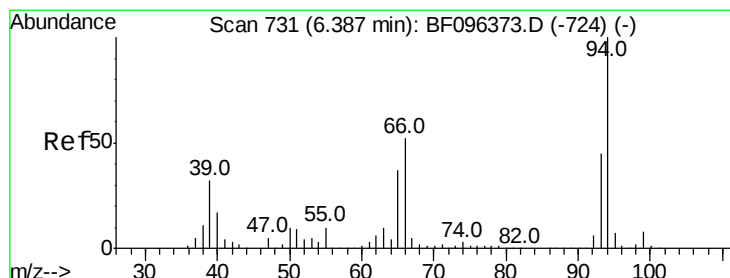
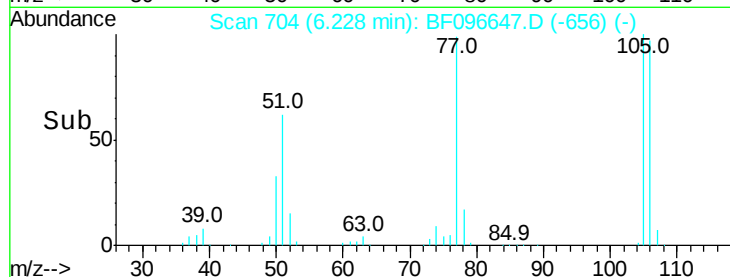
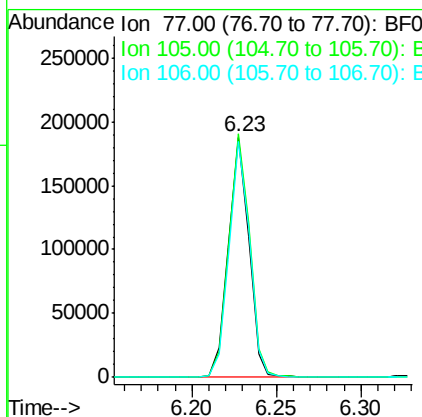
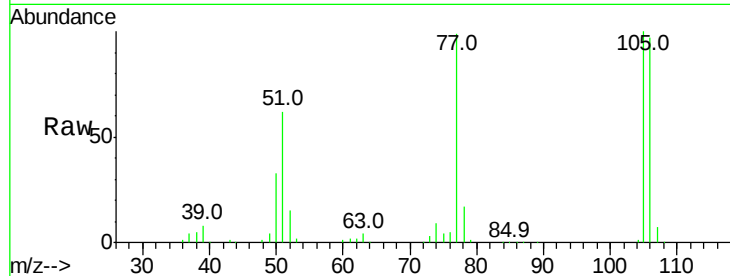




#9
Benzaldehyde
Concen: 29.220 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

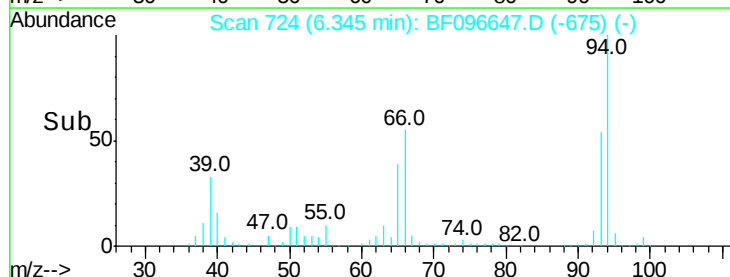
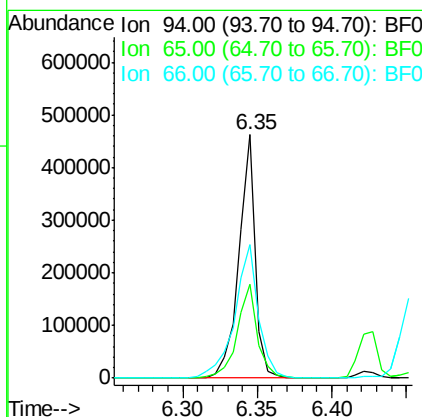
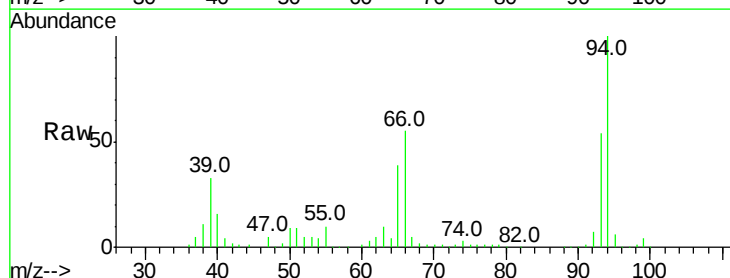
Instrument :
BNA_F
ClientSampleId :
PB100554BS

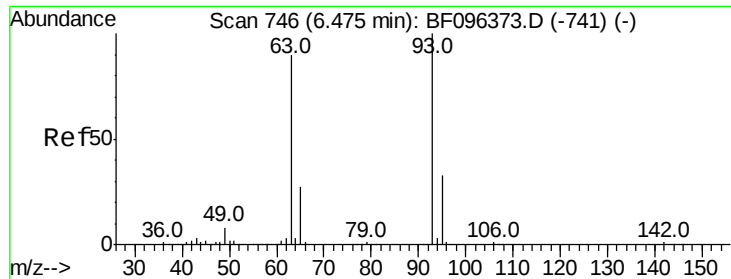
Tot Ion: 77 Resp: 158300
Ion Ratio Lower Upper
77 100
105 101.3 83.8 123.8
106 98.4 79.1 119.1



#10
Phenol
Concen: 36.088 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion: 94 Resp: 355886
Ion Ratio Lower Upper
94 100
65 38.6 9.9 49.9
66 54.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.498 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

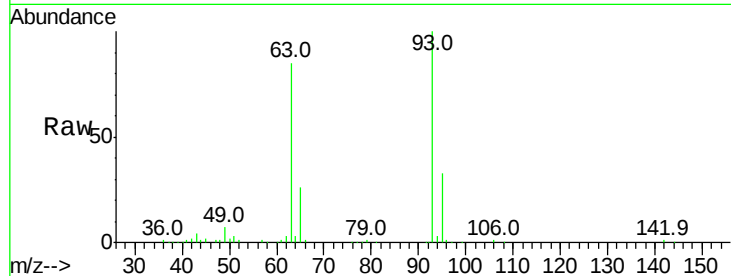
Tot Ion: 93 Resp: 301019

Ion Ratio Lower Upper

93 100

63 85.1 59.2 99.2

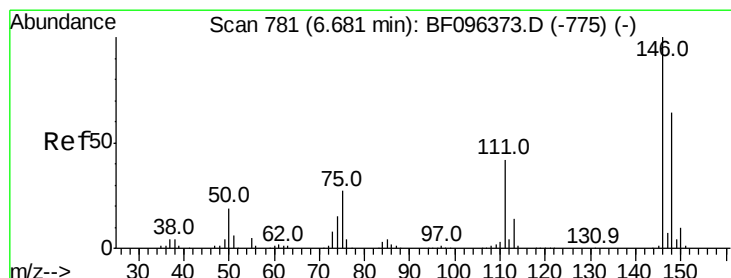
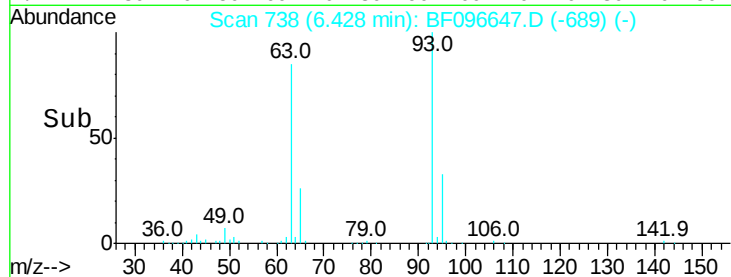
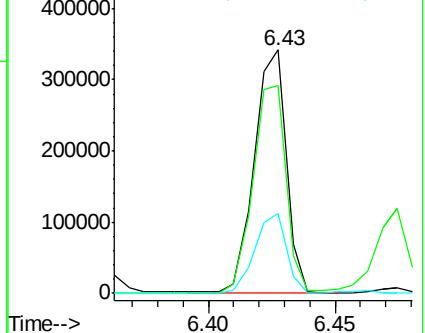
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.806 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

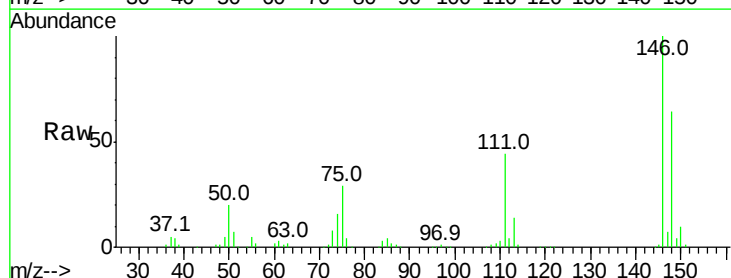
Tgt Ion:146 Resp: 329143

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

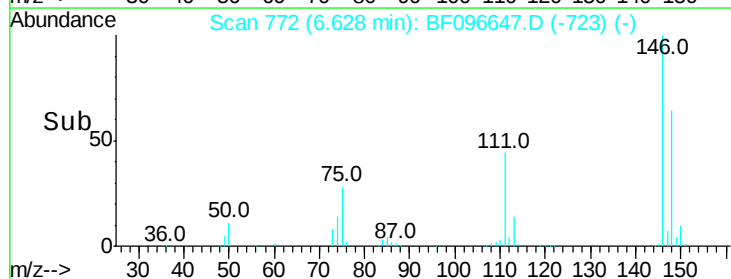
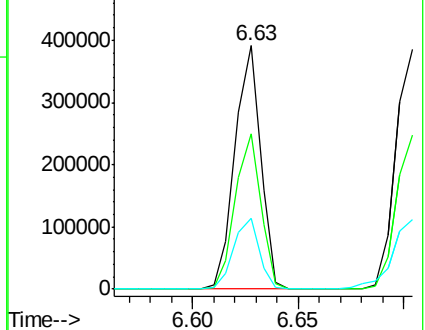
75 29.1 23.1 34.7

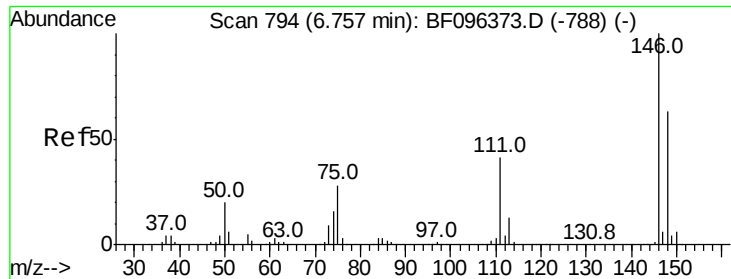


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.032 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

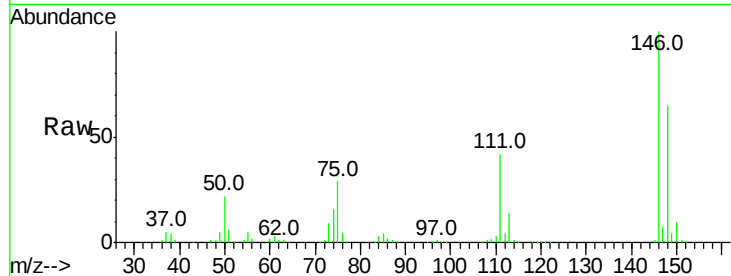
Tot Ion:146 Resp: 330757

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

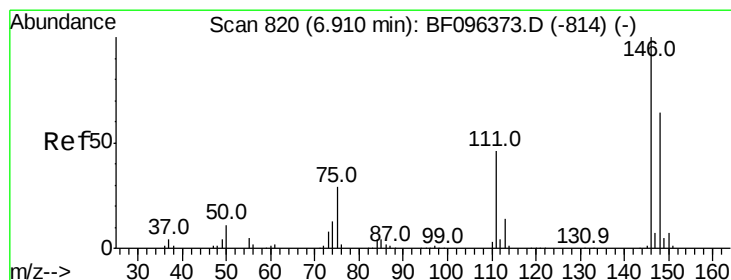
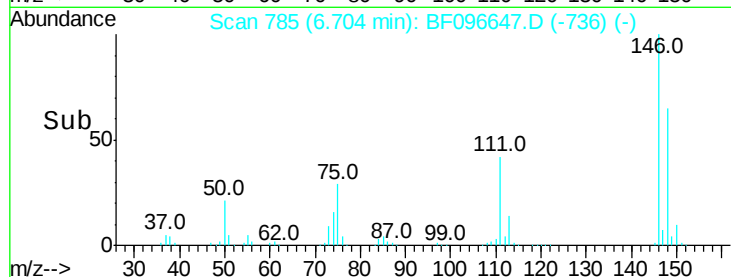
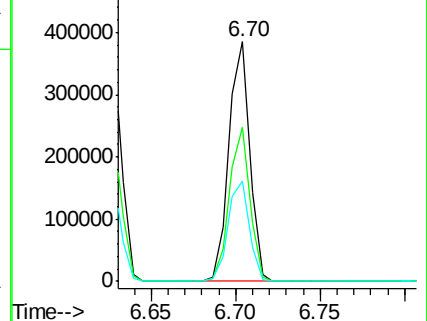
111 42.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.296 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

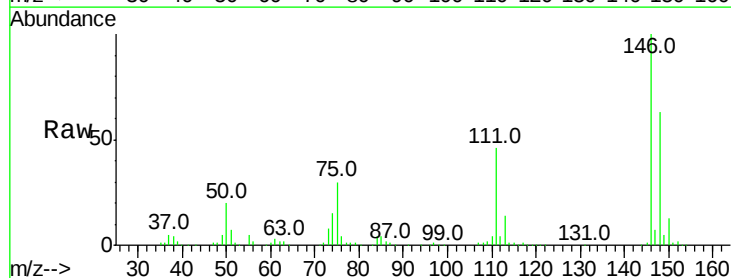
Tgt Ion:146 Resp: 305604

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

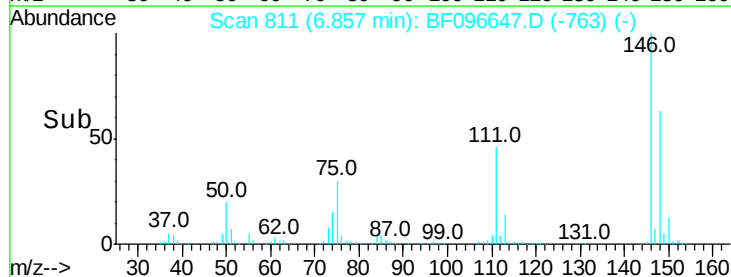
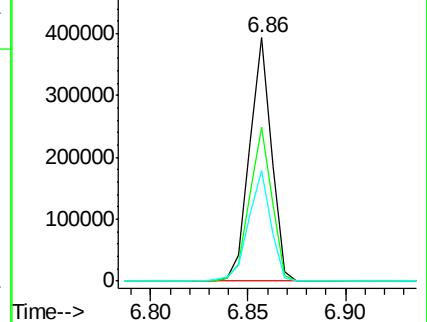
111 45.5 38.2 57.4

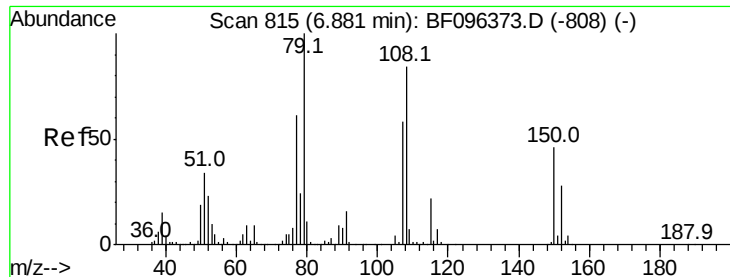


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.651 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

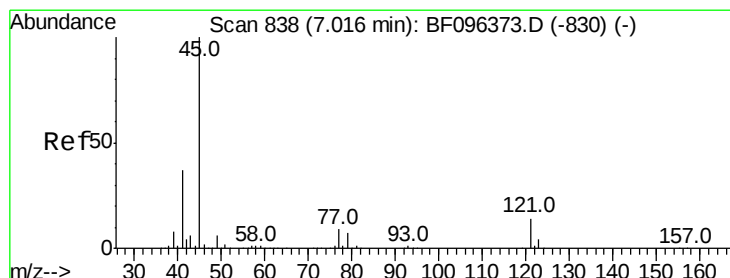
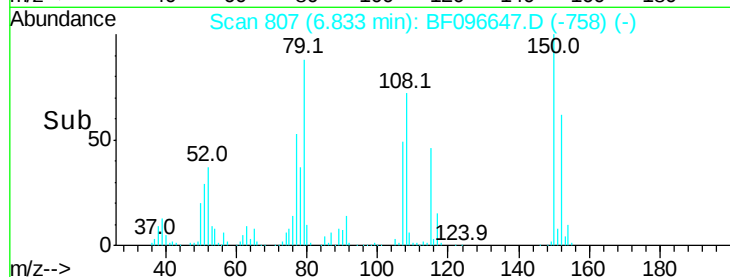
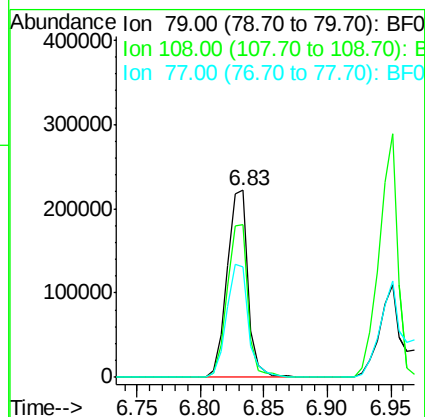
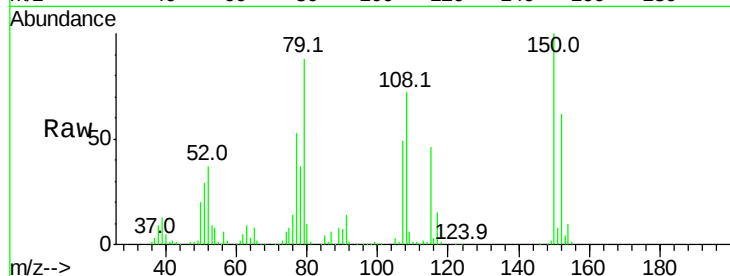
Tot Ion: 79 Resp: 252585

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

77 59.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.973 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

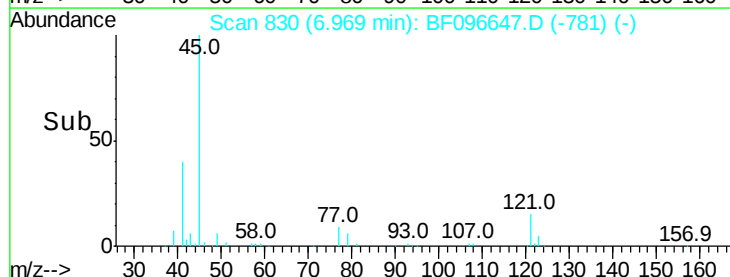
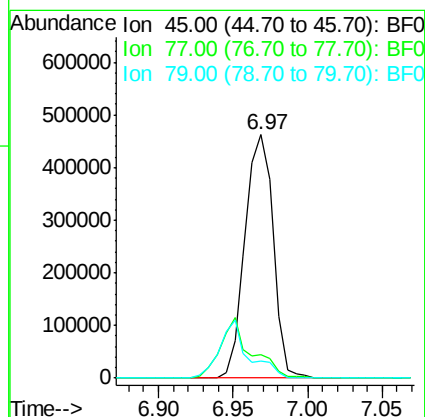
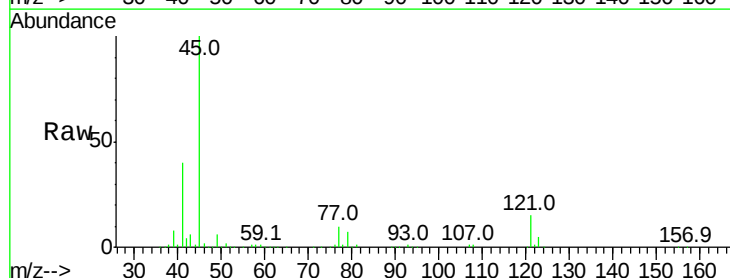
Tgt Ion: 45 Resp: 603820

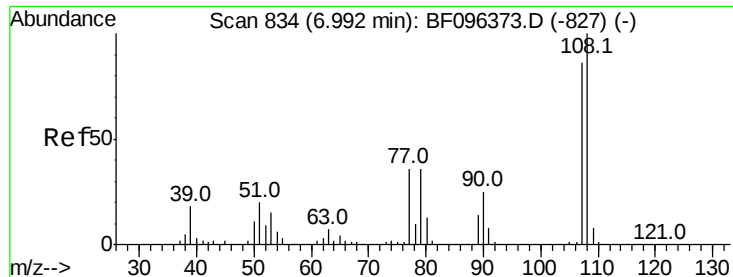
Ion Ratio Lower Upper

45 100

77 9.7 0.0 33.2

79 7.0 0.0 30.0

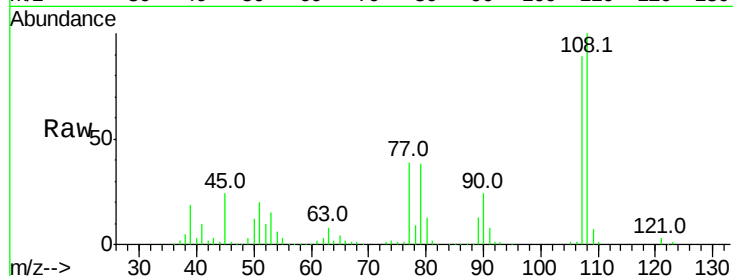




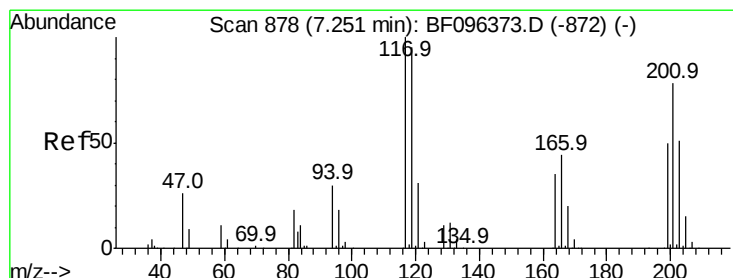
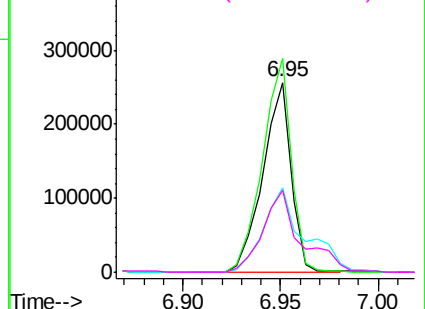
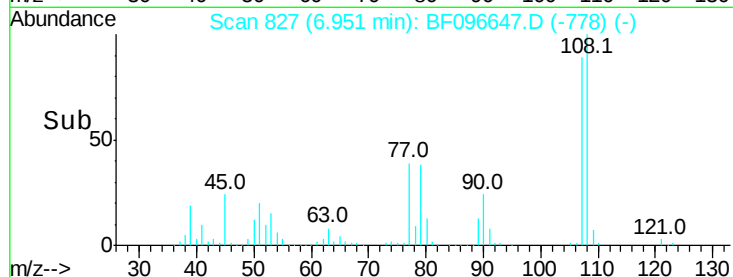
#17
2-Methylphenol
Concen: 43.282 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:107 Resp: 259001
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 44.5 35.8 53.6
79 43.1 34.8 52.2

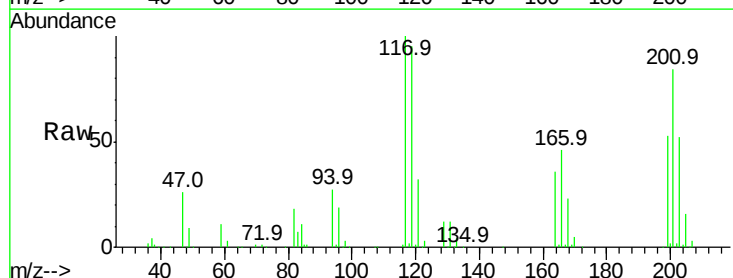


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

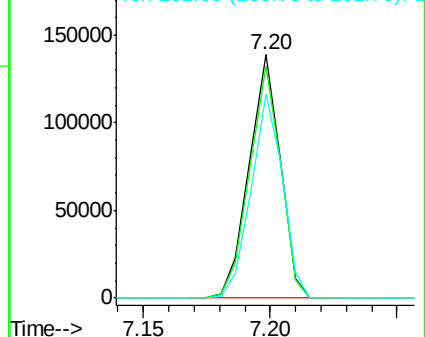
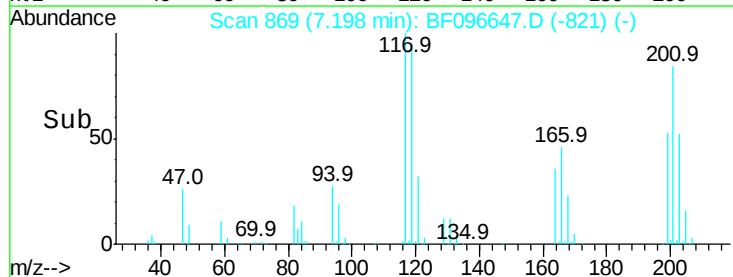


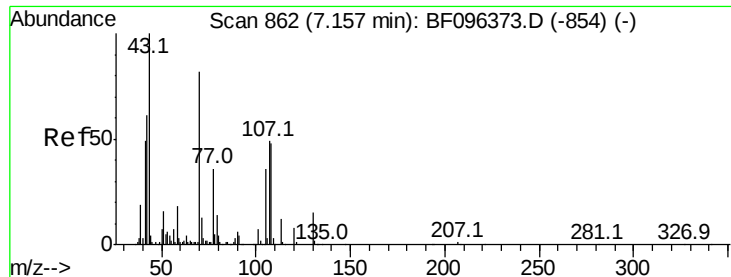
#18
Hexachloroethane
Concen: 41.878 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:117 Resp: 119475
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
201 83.8 94.6 141.8#



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

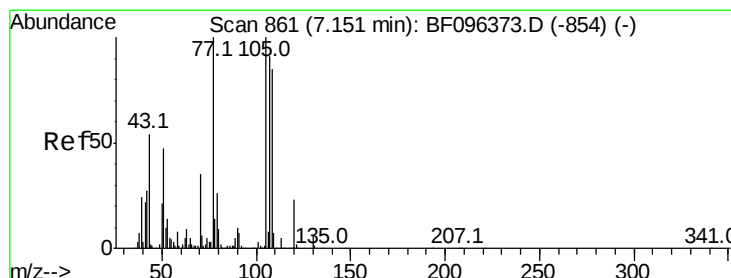
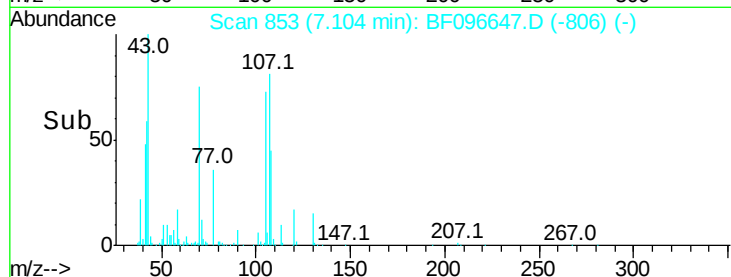
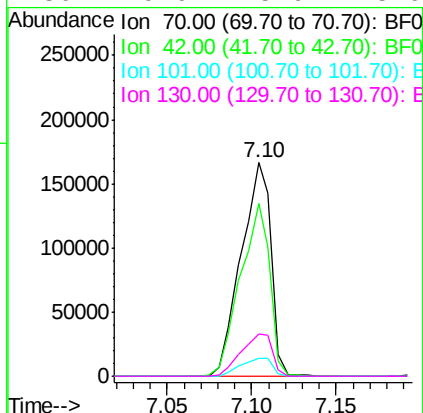
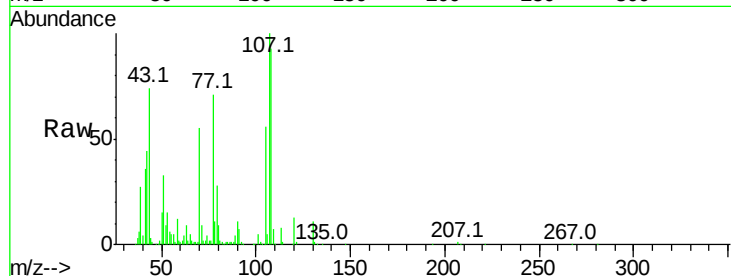




#19
n-Nitroso-di-n-propylamine
Concen: 39.816 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

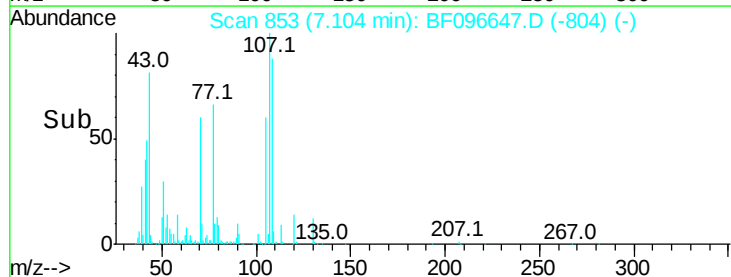
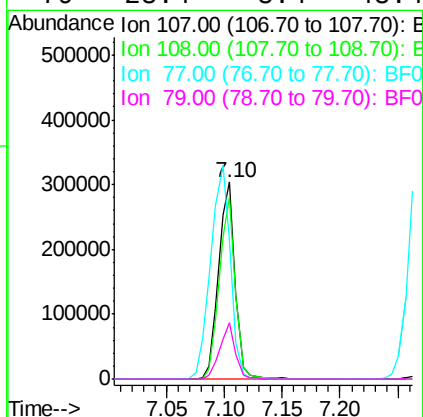
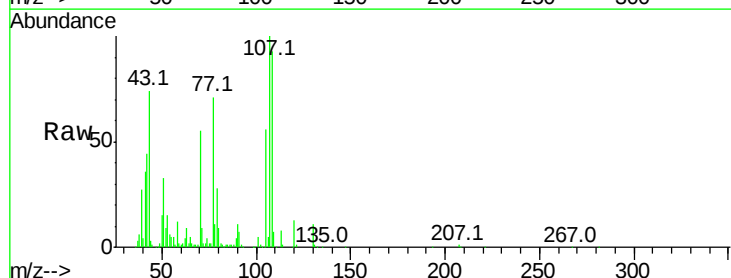
Instrument :
BNA_F
ClientSampleId :
PB100554BS

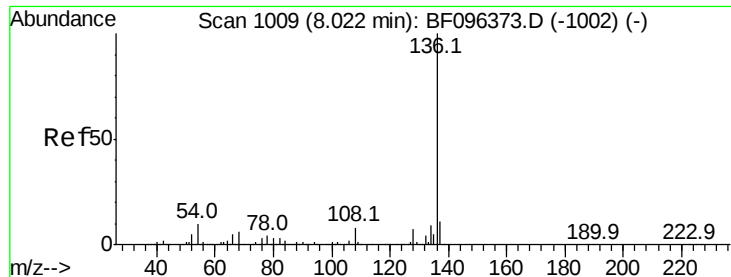
Tot Ion: 70 Resp: 205326
Ion Ratio Lower Upper
70 100
42 80.8 47.2 70.8#
101 8.6 7.2 10.8
130 19.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.225 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion: 107 Resp: 301855
Ion Ratio Lower Upper
107 100
108 92.7 71.0 111.0
77 70.6 90.5 130.5#
79 28.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

Tot Ion:136 Resp: 446899

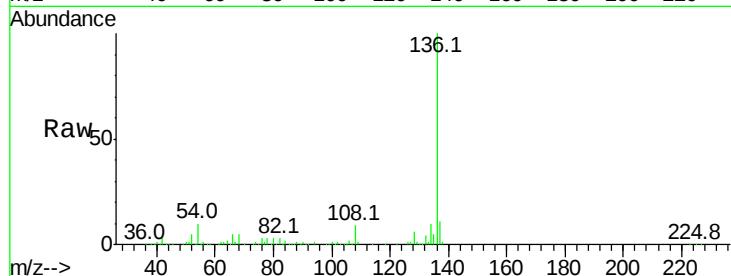
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.7 4.9 7.3#

68 5.3 4.1 6.1

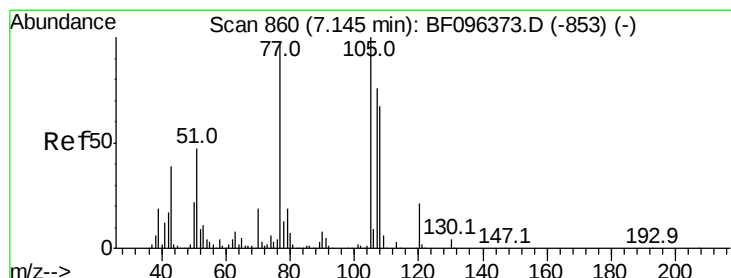
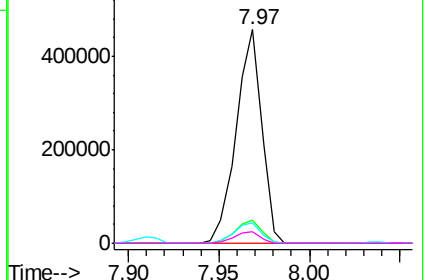
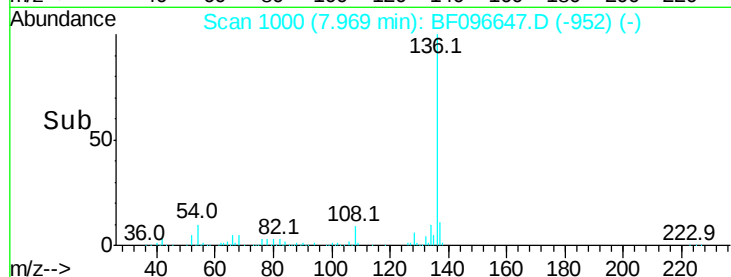


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.265 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:105 Resp: 402944

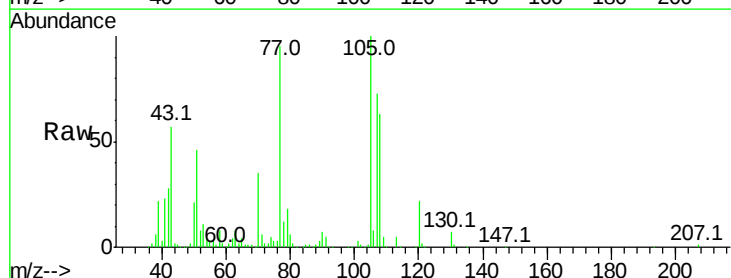
Ion Ratio Lower Upper

105 100

71 5.7 2.8 4.2#

51 45.6 30.7 46.1

120 21.6 17.4 26.0

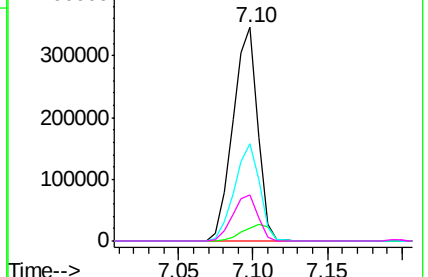
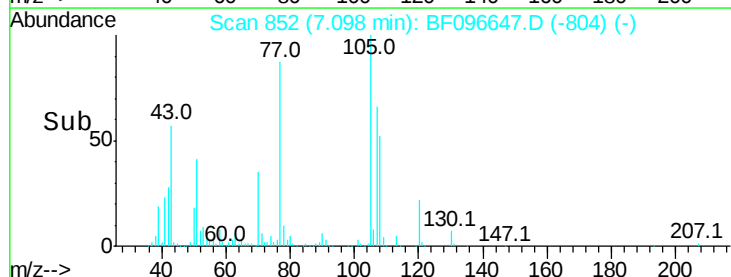


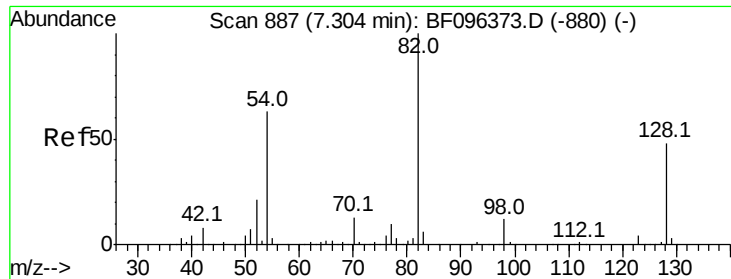
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

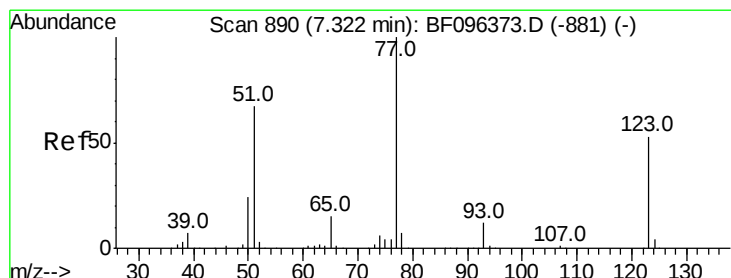
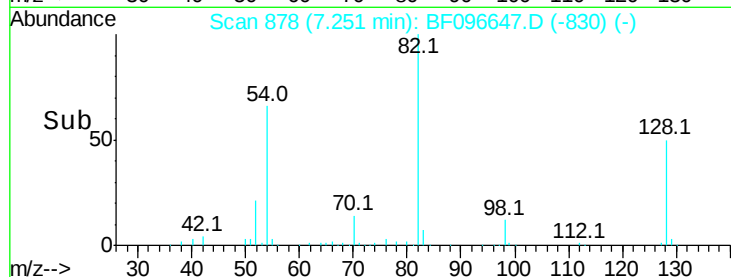
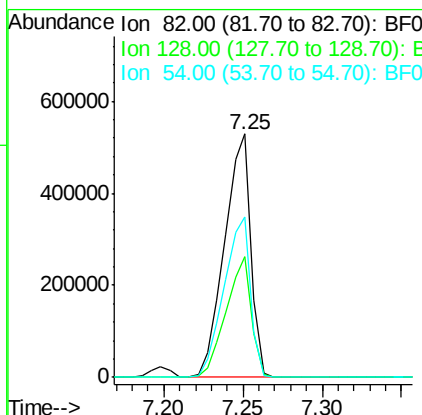
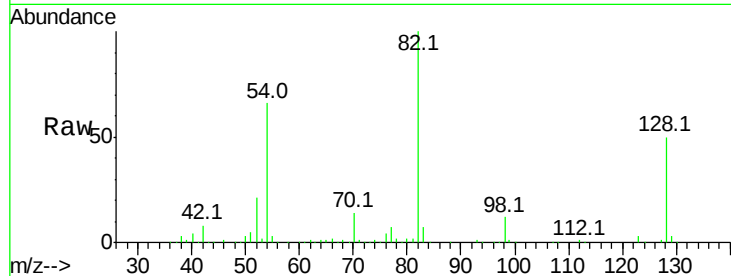




#23
 Nitrobenzene-d5
 Concen: 81.714 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

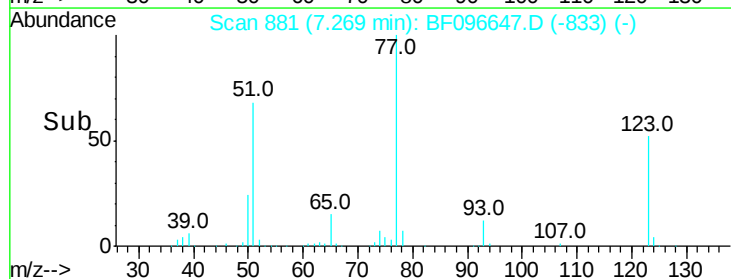
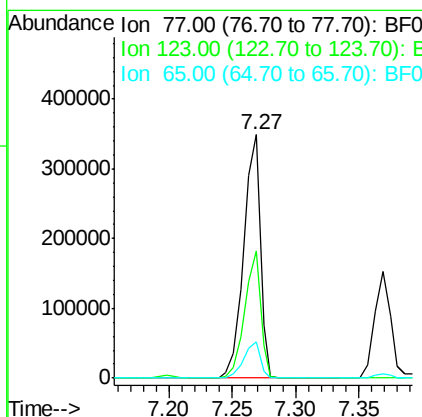
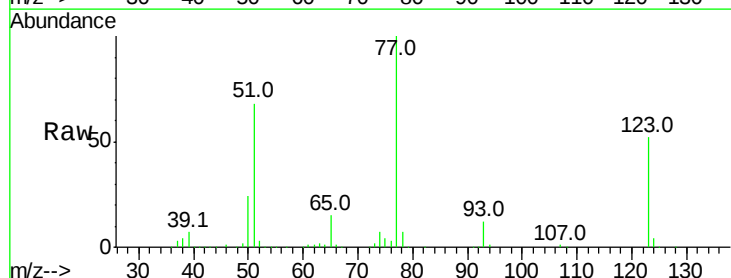
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

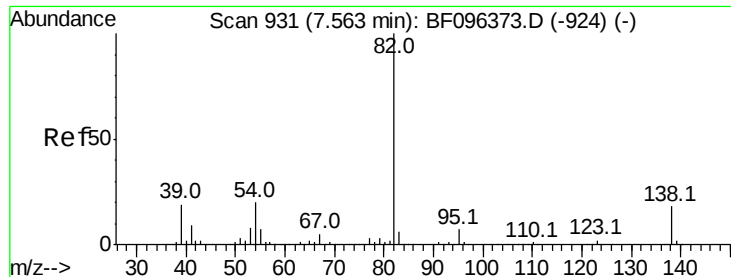
Tot Ion: 82 Resp: 607711
 Ion Ratio Lower Upper
 82 100
 128 49.7 34.0 51.0
 54 65.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.489 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion: 77 Resp: 315893
 Ion Ratio Lower Upper
 77 100
 123 52.2 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 40.364 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

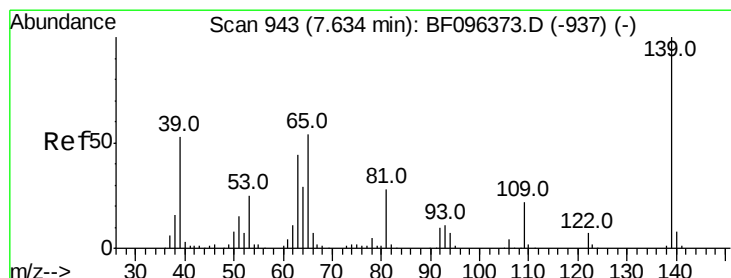
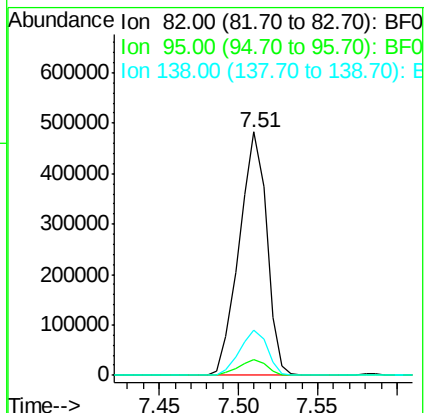
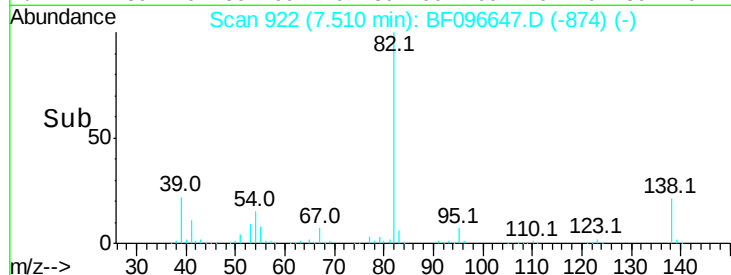
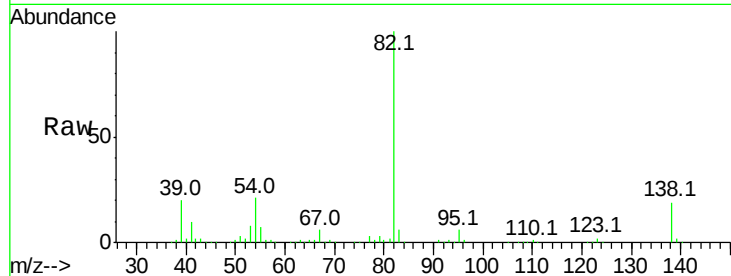
Tot Ion: 82 Resp: 582043

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 41.480 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

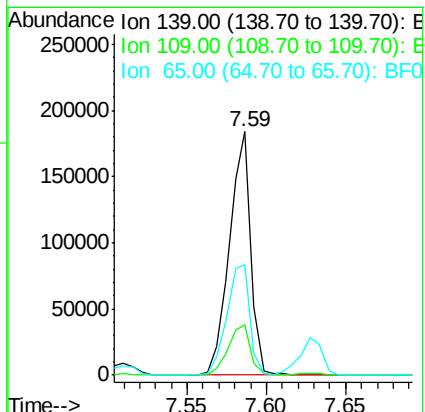
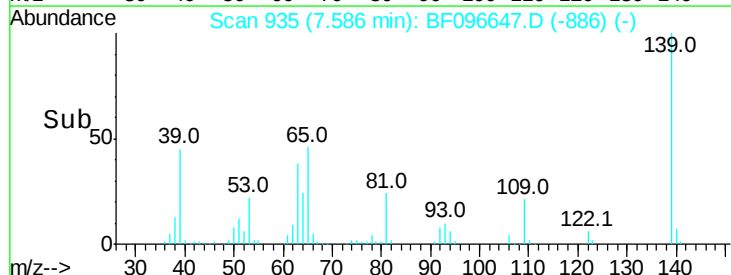
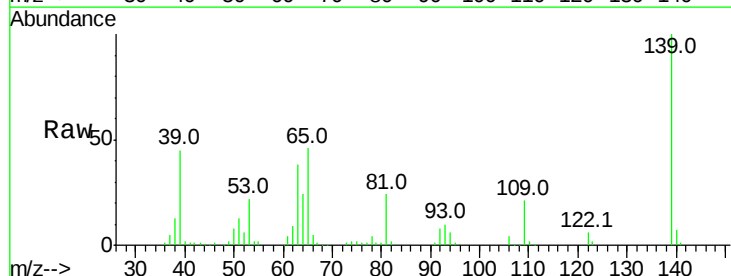
Tgt Ion: 139 Resp: 171291

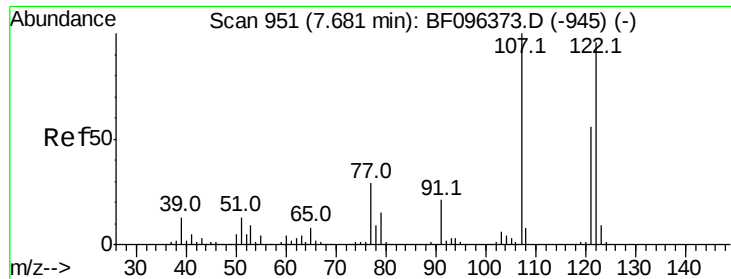
Ion Ratio Lower Upper

139 100

109 20.8 21.0 31.6#

65 45.5 33.0 49.6

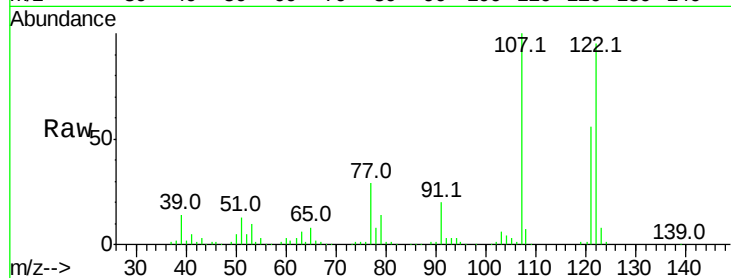




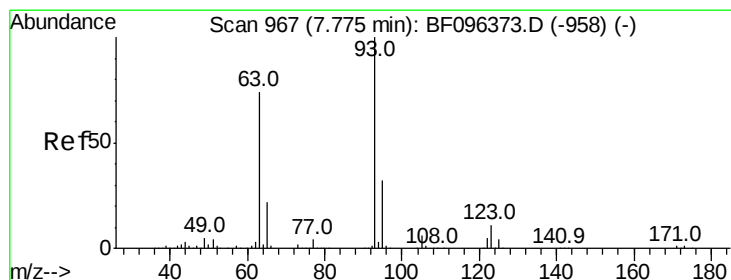
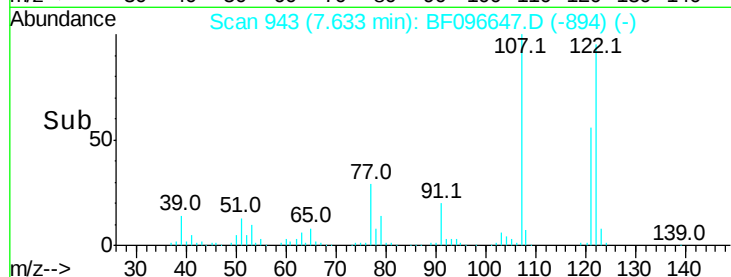
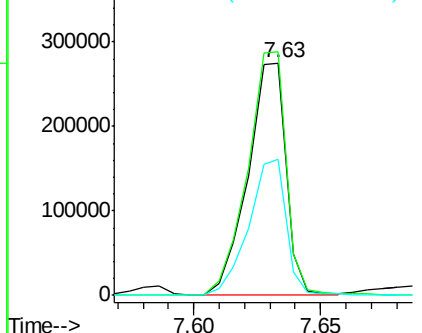
#27
 2,4-Dimethylphenol
 Concen: 41.473 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion:122 Resp: 291617
 Ion Ratio Lower Upper
 122 100
 107 104.9 89.2 133.8
 121 58.6 45.2 67.8

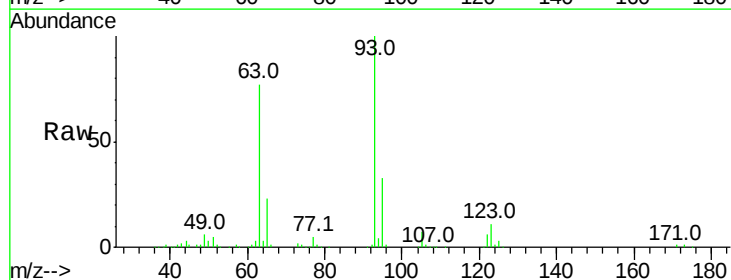


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

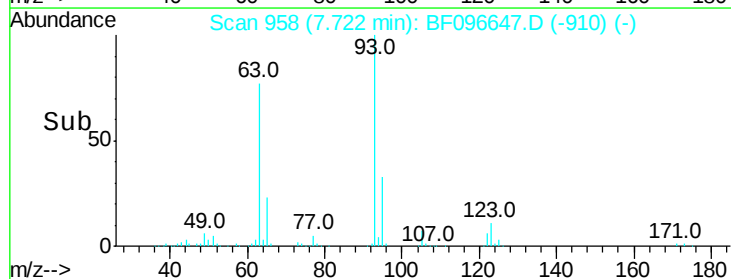
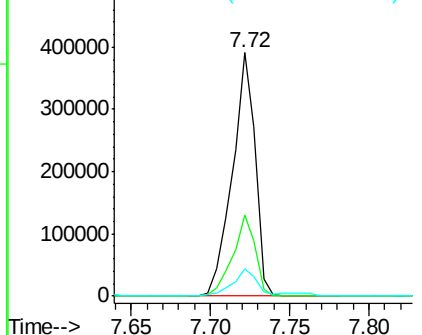


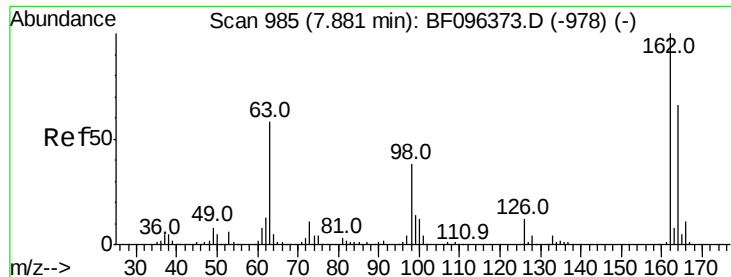
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.937 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion: 93 Resp: 389673
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.1 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

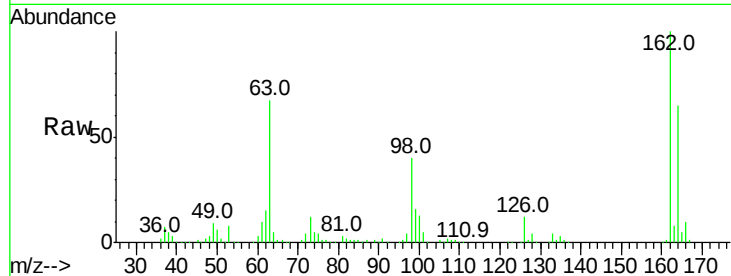




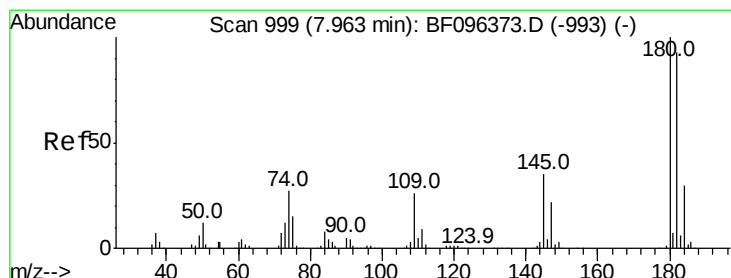
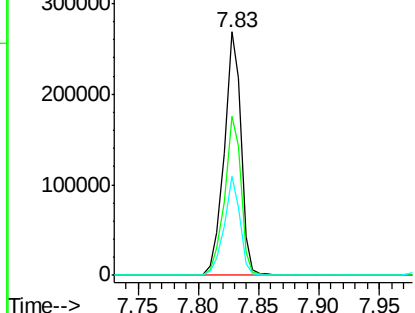
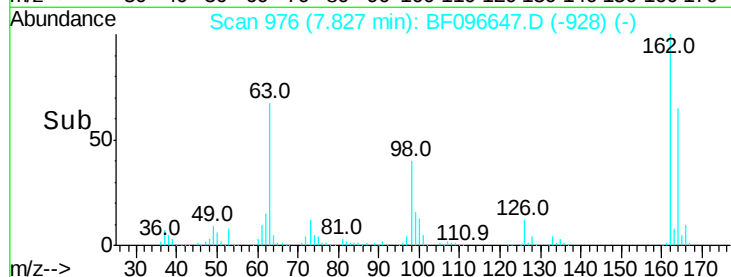
#29
 2,4-Dichlorophenol
 Concen: 42.837 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	40.4	14.8	54.8

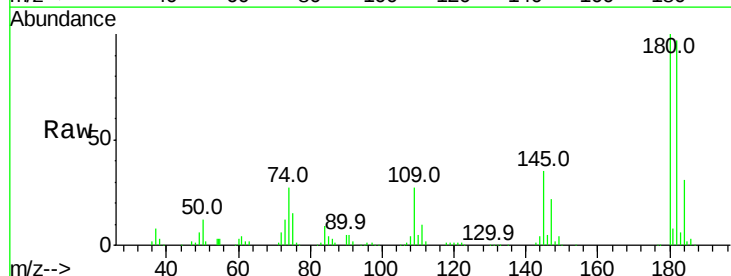


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

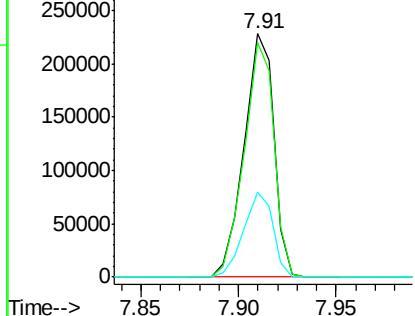
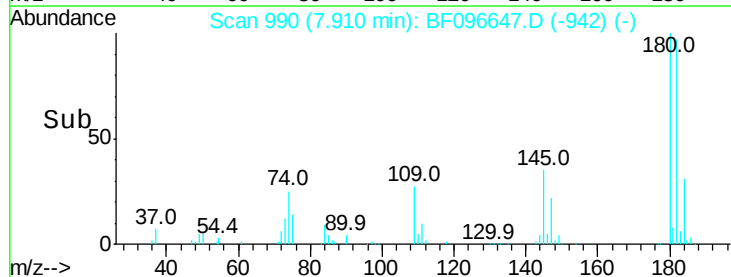


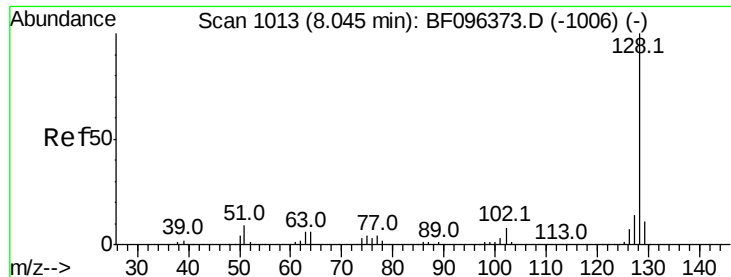
#30
 1,2,4-Trichlorobenzene
 Concen: 42.283 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	34.8	25.3	37.9



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

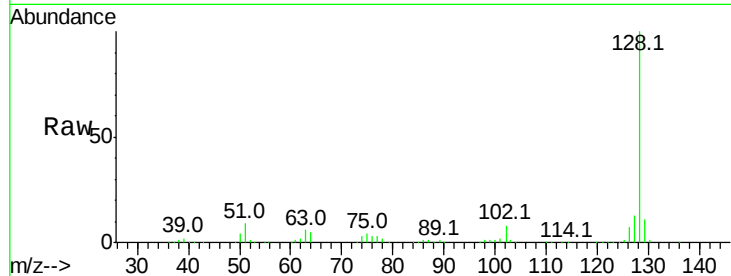




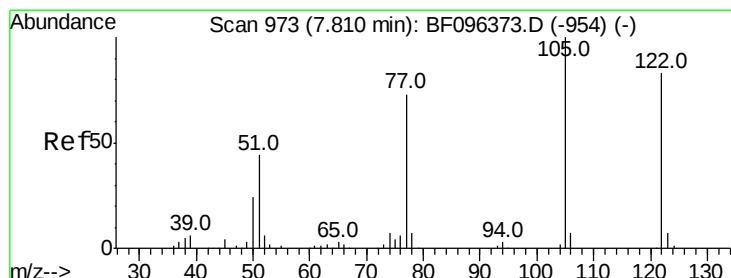
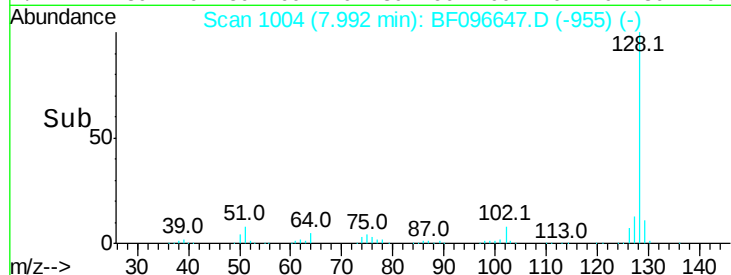
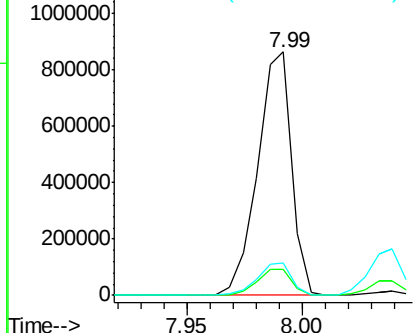
#31
Naphthalene
Concen: 42.111 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:128 Resp: 888444
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.8 16.2

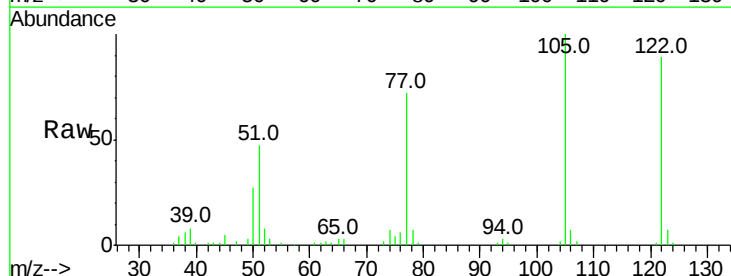


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

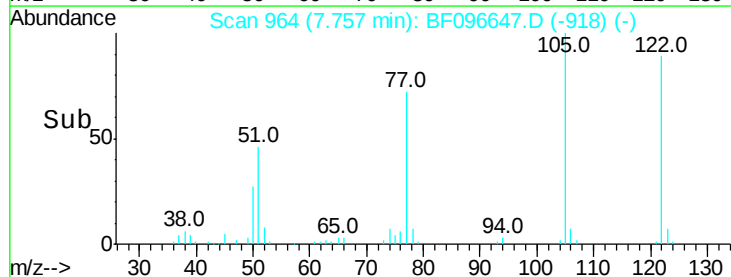
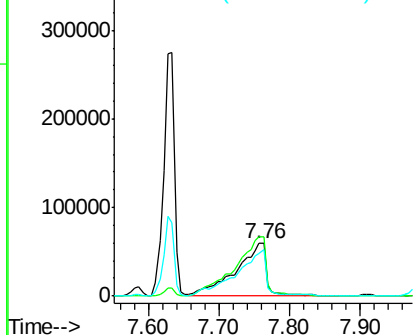


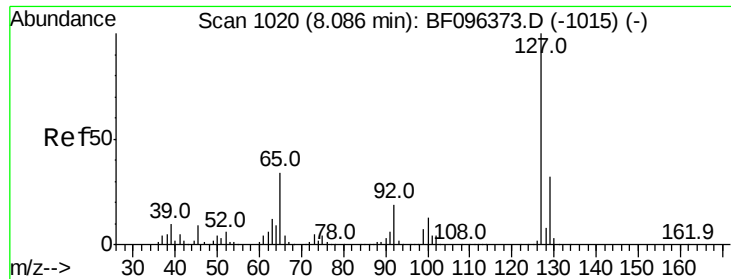
#32
Benzoic acid
Concen: 30.199 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:122 Resp: 178335
Ion Ratio Lower Upper
122 100
105 112.1 103.3 143.3
77 81.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

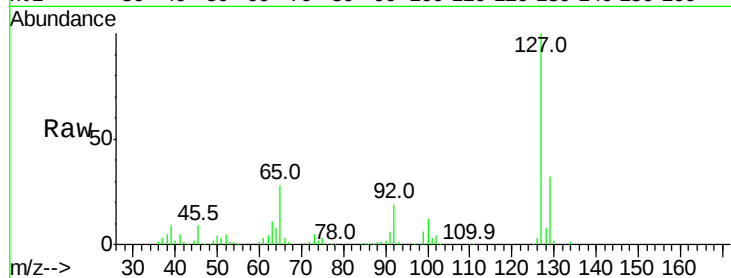




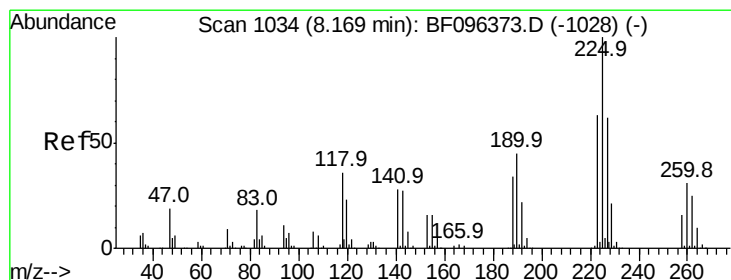
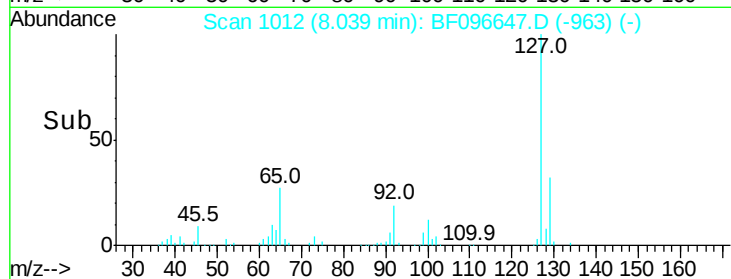
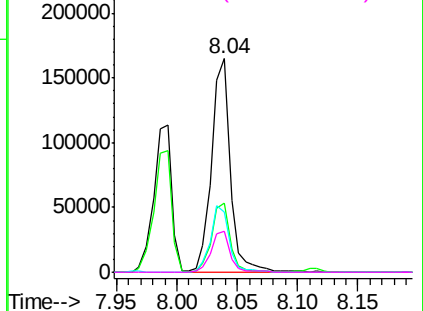
#33
4-Chloroaniline
Concen: 20.163 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:	127	Resp:	176691
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.4	27.8	41.8
92	19.0	16.8	25.2

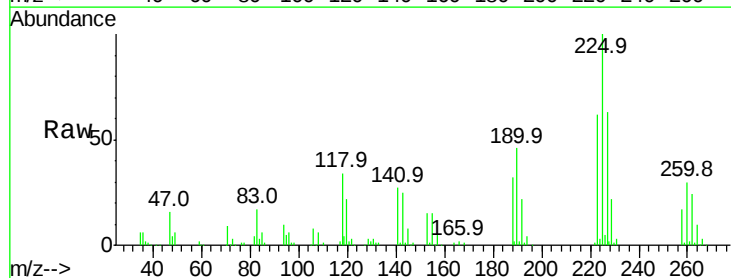


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

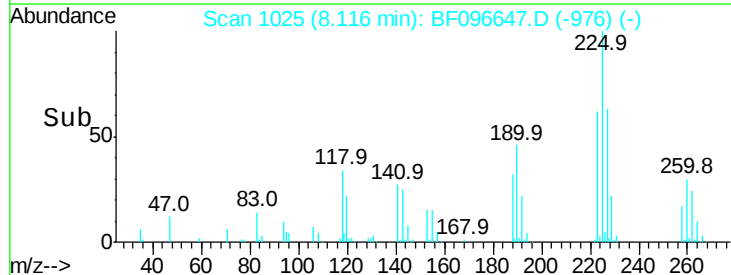
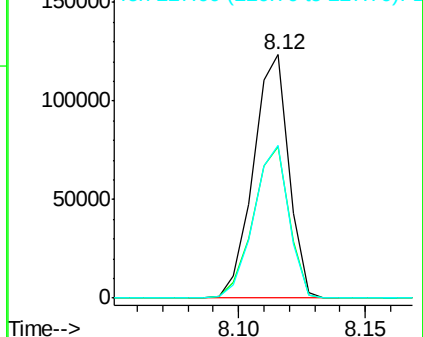


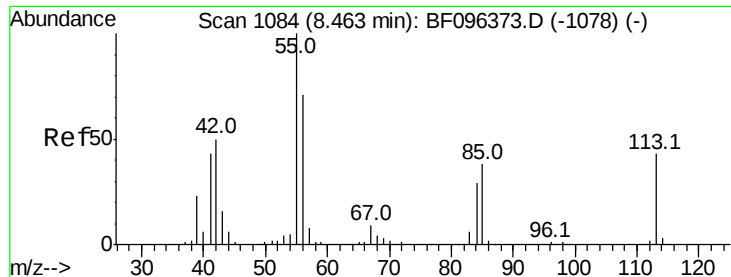
#34
Hexachlorobutadiene
Concen: 40.908 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:	225	Resp:	120072
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	62.7	51.1	76.7



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: 28.931 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

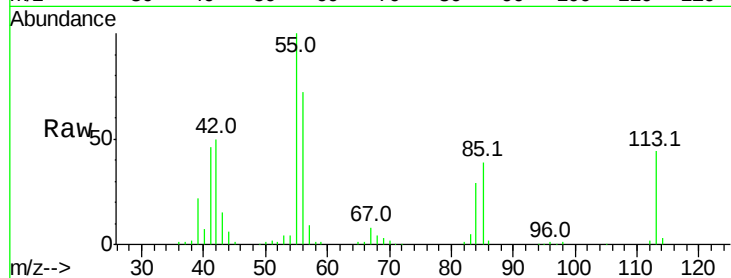
Tot Ion:113 Resp: 60523

Ion Ratio Lower Upper

113 100

55 225.9 150.2 190.2#

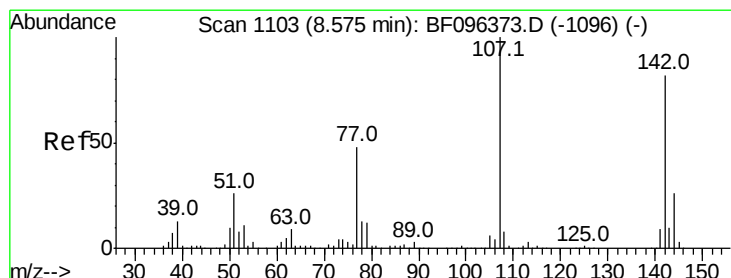
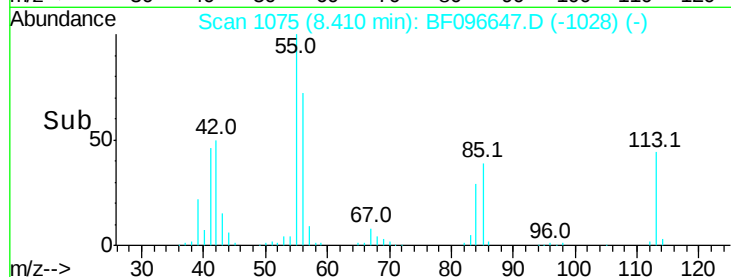
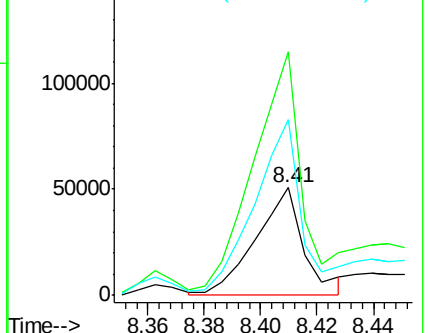
56 162.8 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.370 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

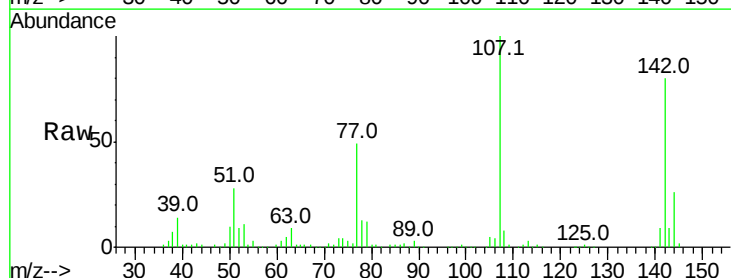
Tgt Ion:107 Resp: 277708

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

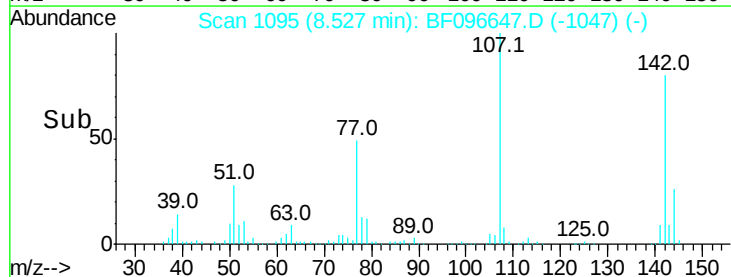
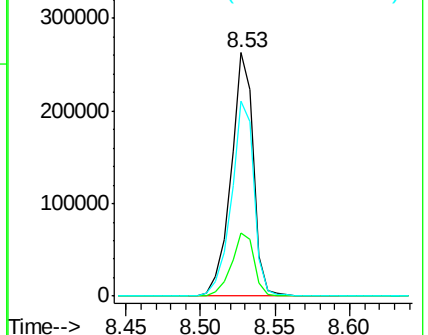
142 80.1 73.4 110.0

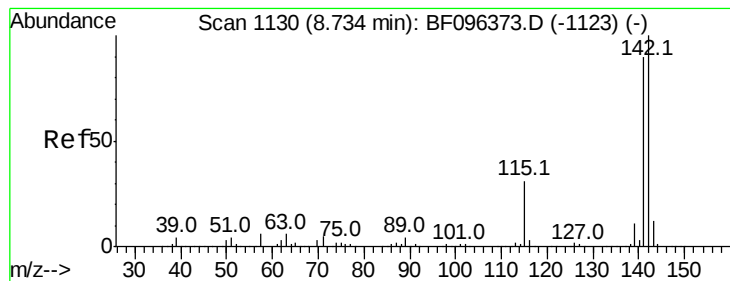


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

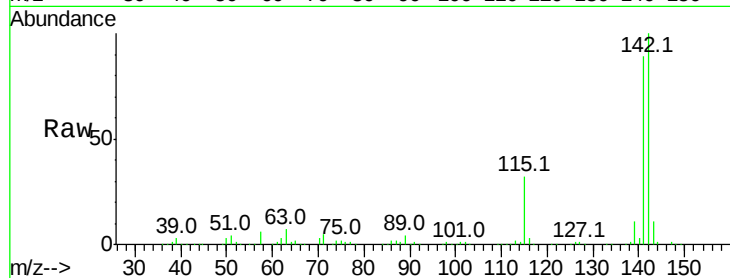




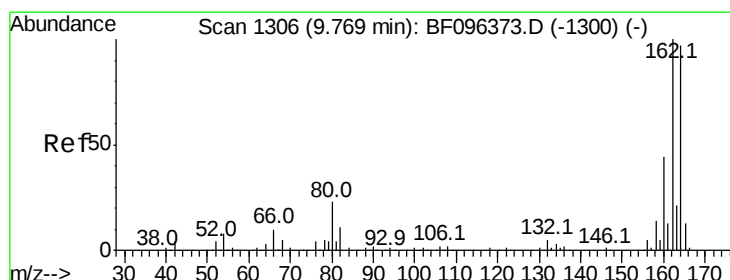
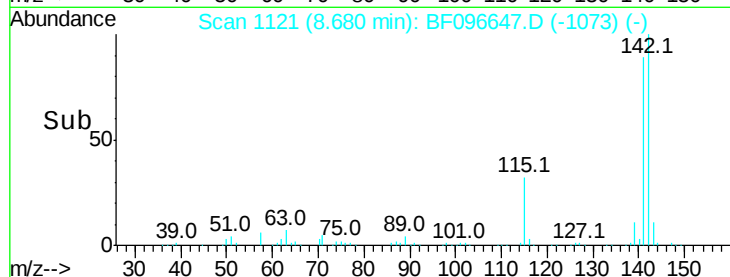
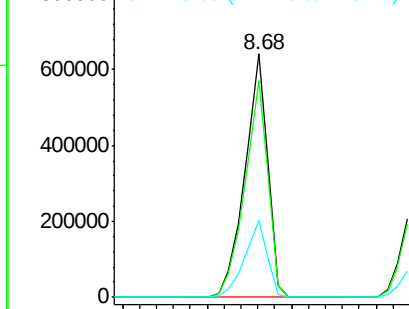
#37
2-Methylnaphthalene
Concen: 45.400 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:142 Resp: 609717
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 31.6 27.1 40.7

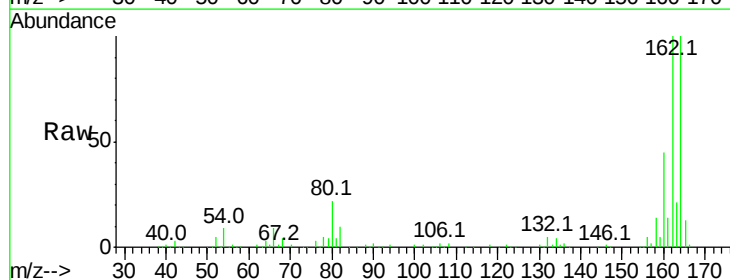


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

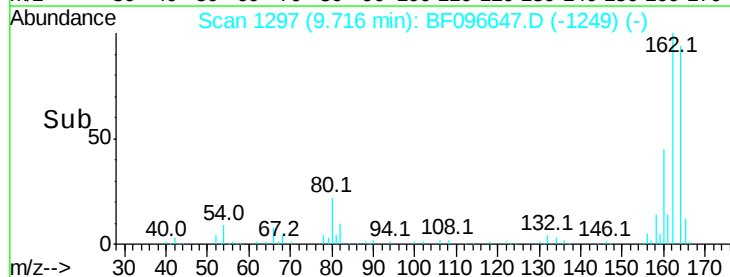
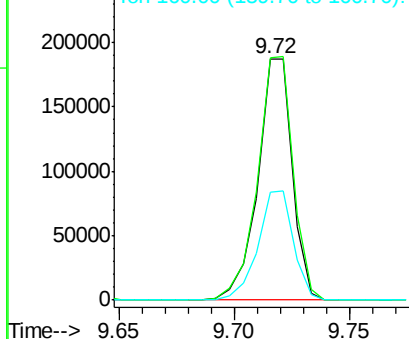


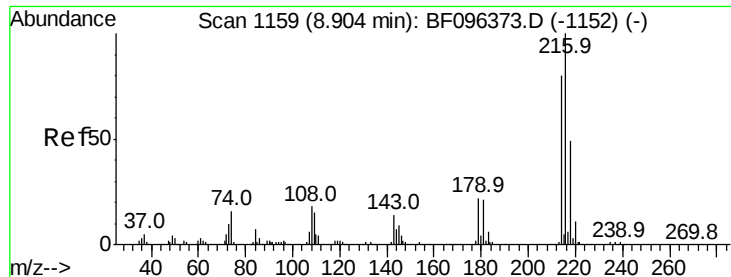
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:164 Resp: 194932
Ion Ratio Lower Upper
164 100
162 100.4 82.6 123.8
160 44.7 36.2 54.2



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

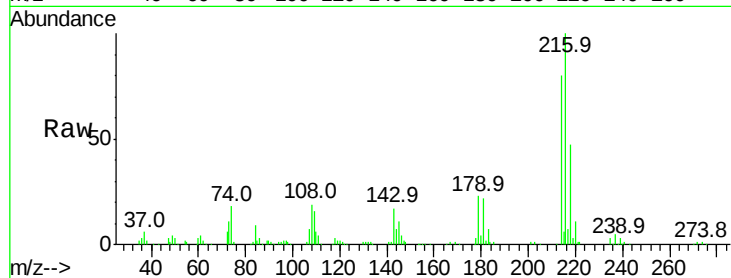




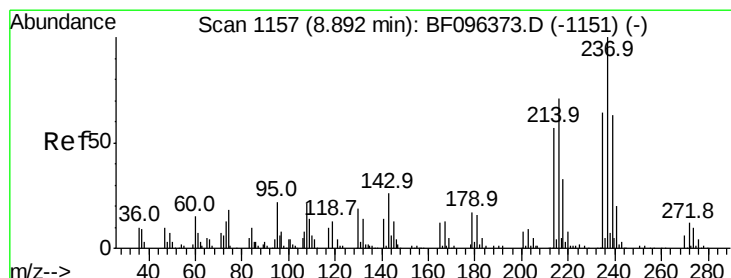
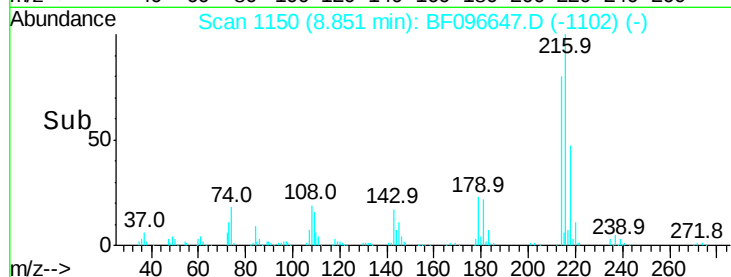
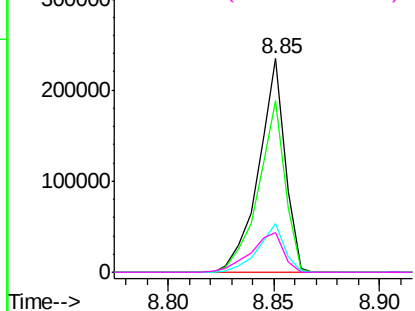
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.508 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion:	216	Resp:	205029
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.4	95.2
179	22.8	17.9	26.9
108	23.0	16.5	24.7

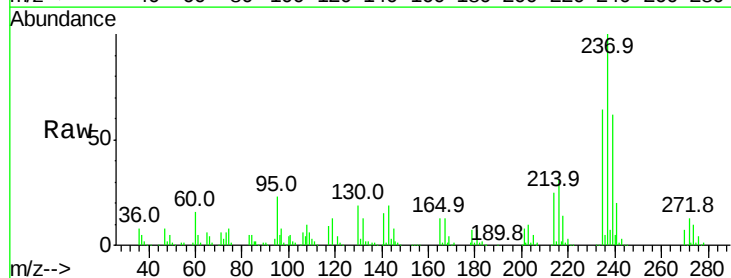


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

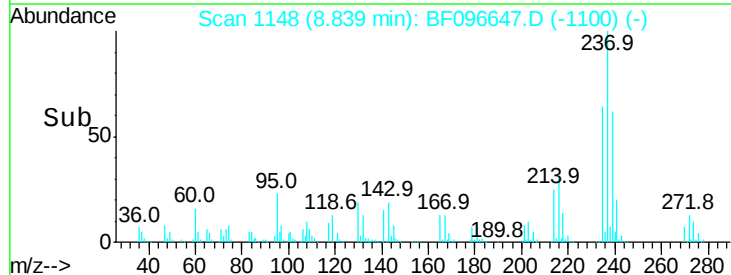
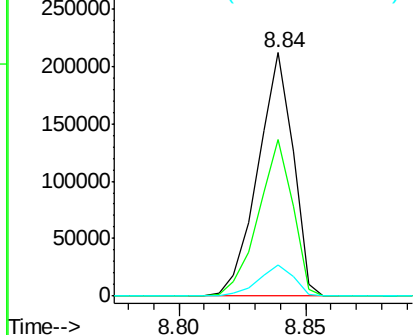


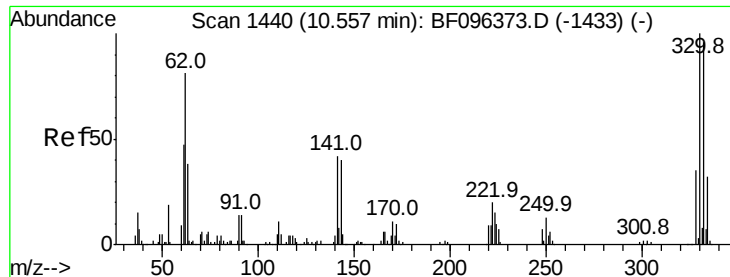
#40
 Hexachlorocyclopentadiene
 Concen: 82.543 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:	237	Resp:	203142
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	12.7	0.0	31.9



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: 127.474 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

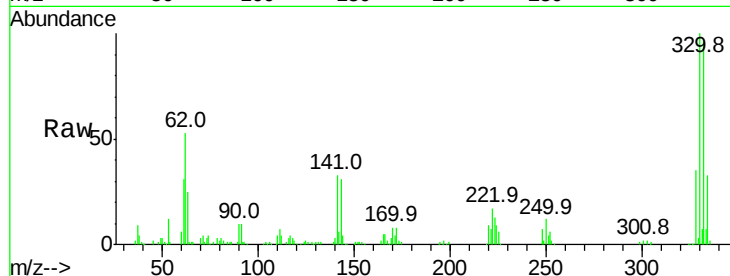
Tot Ion:330 Resp: 194100

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

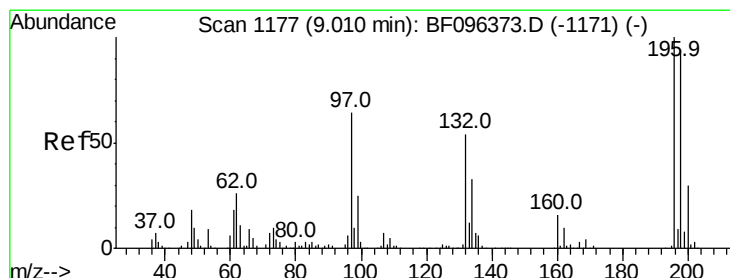
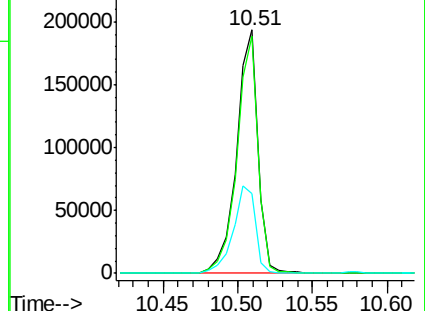
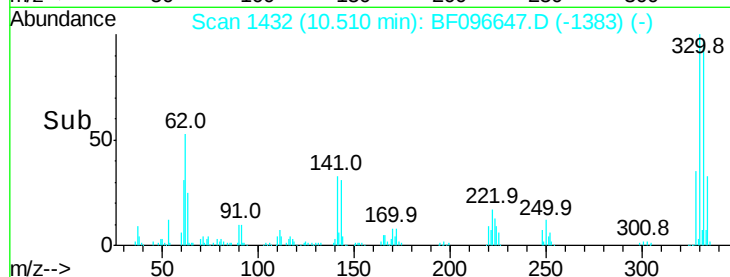
141 37.9 31.4 47.2



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: 41.244 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

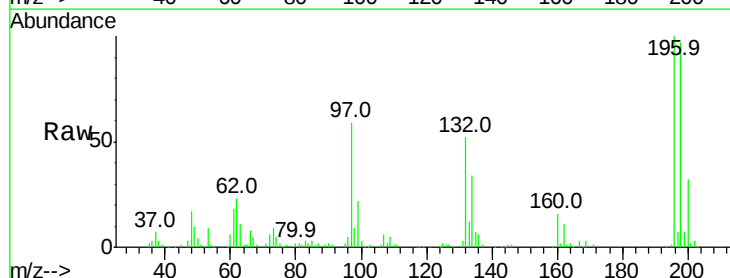
Tgt Ion:196 Resp: 165143

Ion Ratio Lower Upper

196 100

198 96.9 74.2 111.4

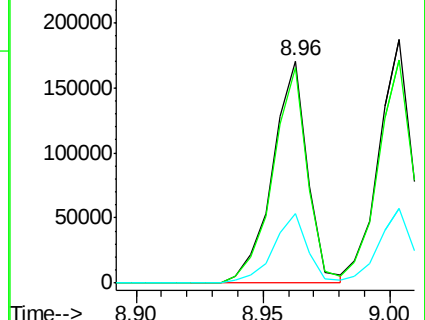
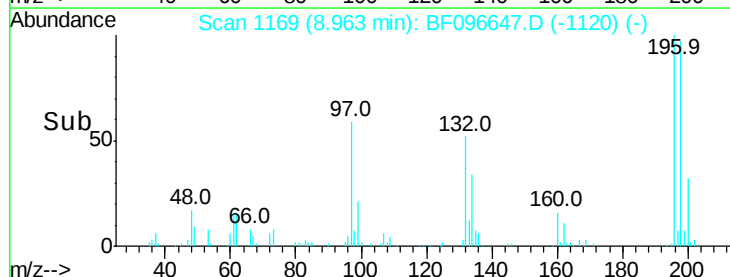
200 31.5 24.0 36.0



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

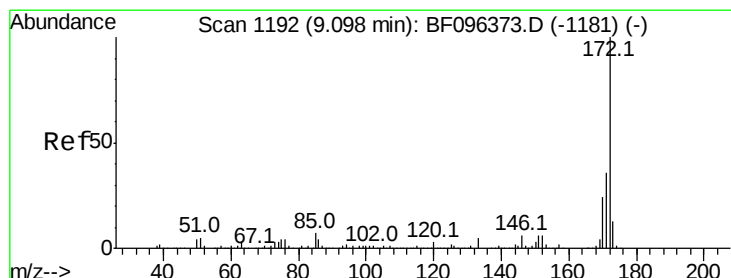
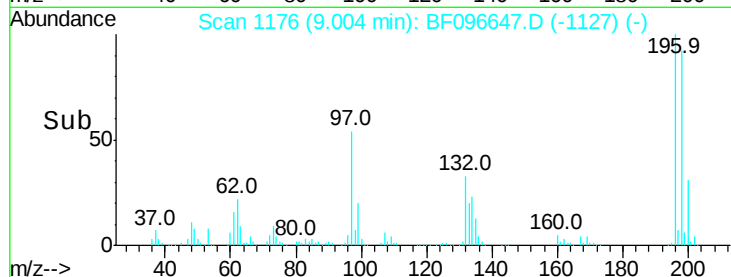
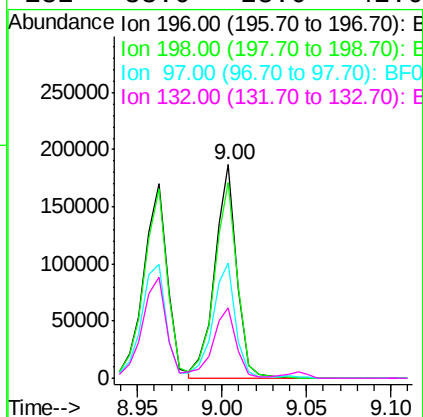
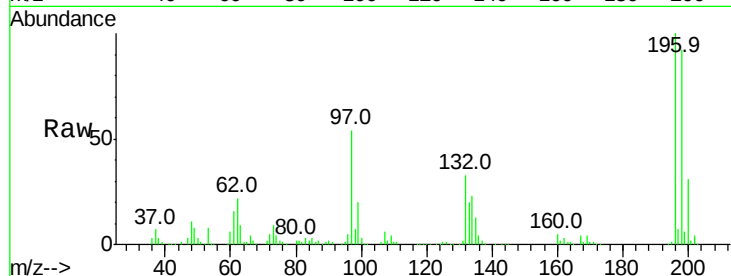




#43
 2,4,5-Trichlorophenol
 Concen: 43.280 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

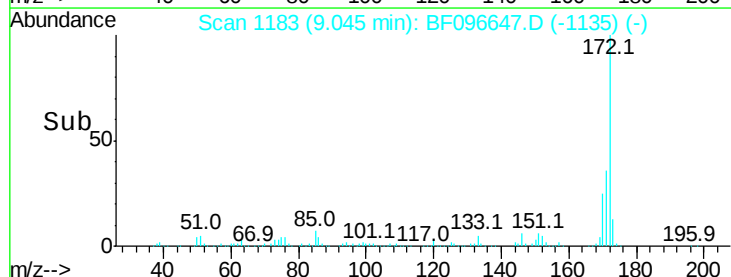
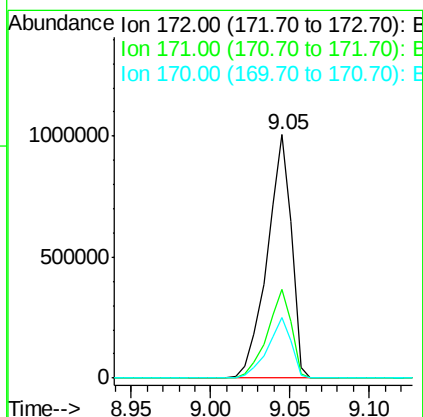
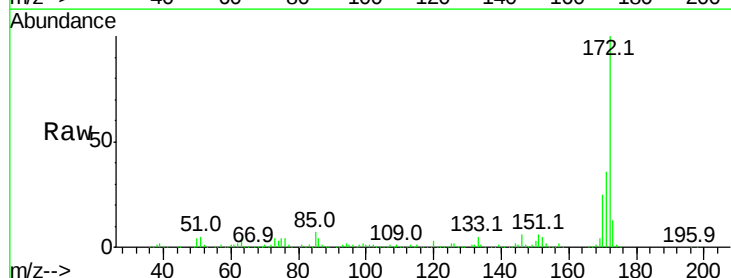
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

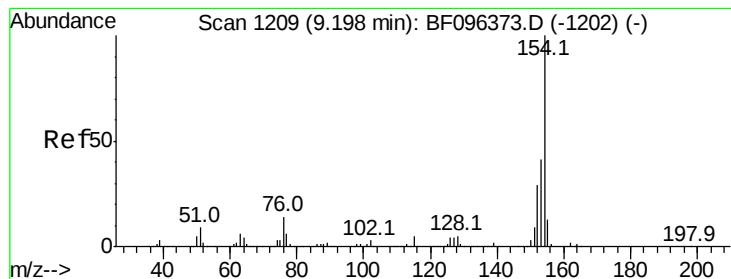
Tot Ion:	196	Resp:	171342
Ion	Ratio	Lower	Upper
196	100		
198	91.5	75.7	113.5
97	54.0	47.7	71.5
132	33.0	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 94.218 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:	172	Resp:	1074186
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.060 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

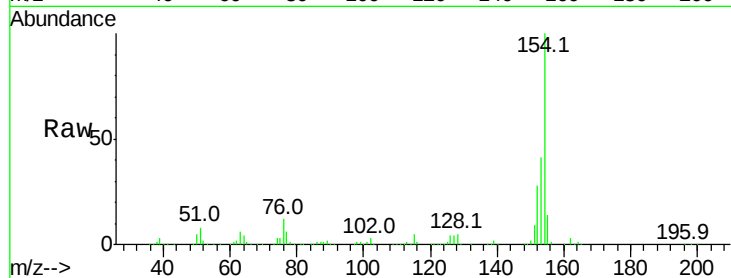
Tot Ion:154 Resp: 669082

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

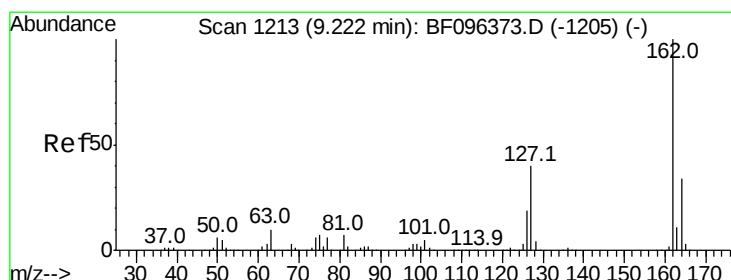
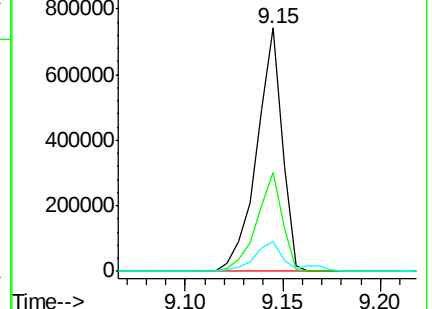
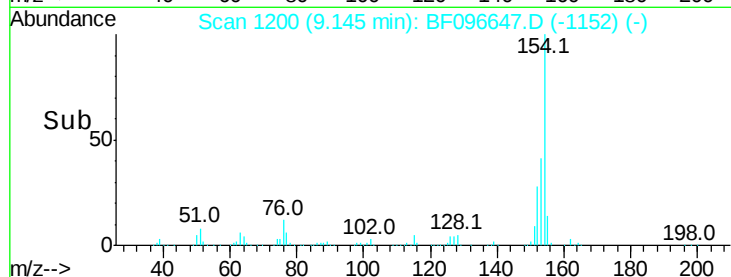
76 12.3 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 42.957 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

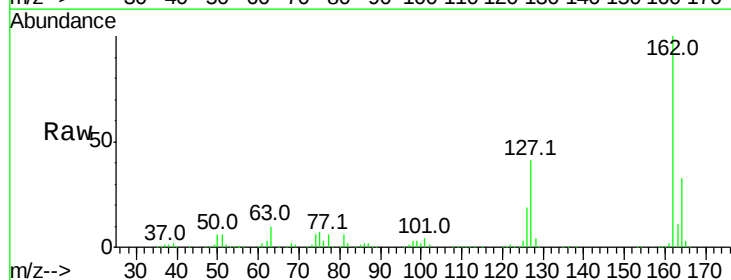
Tgt Ion:162 Resp: 534691

Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

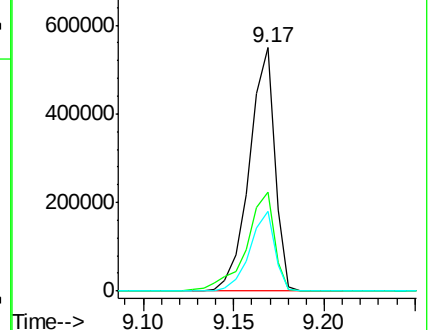
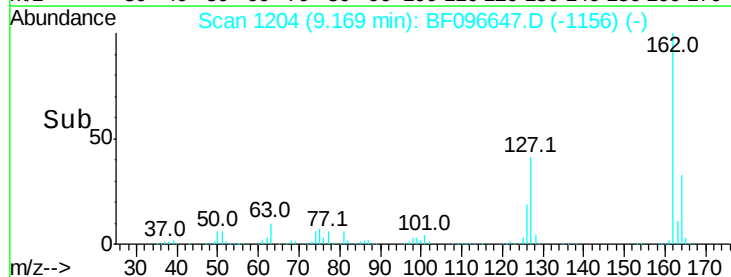
164 32.7 27.0 40.4

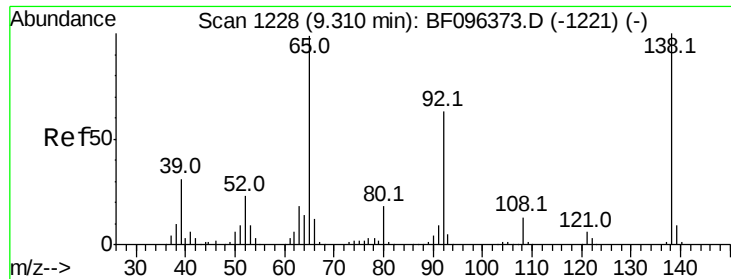


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

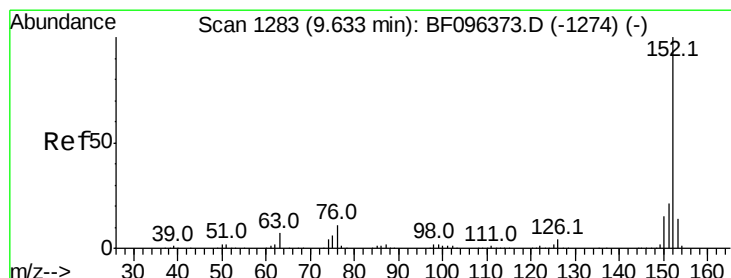
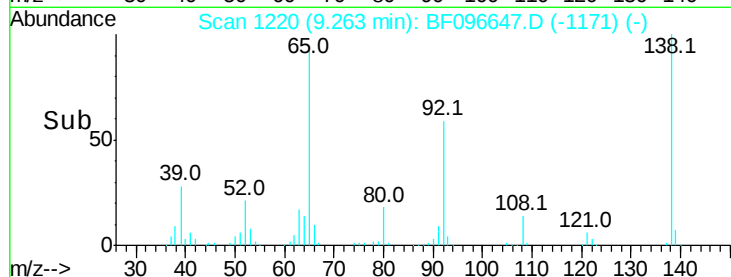
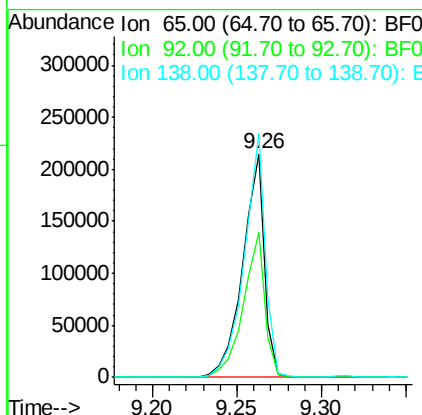
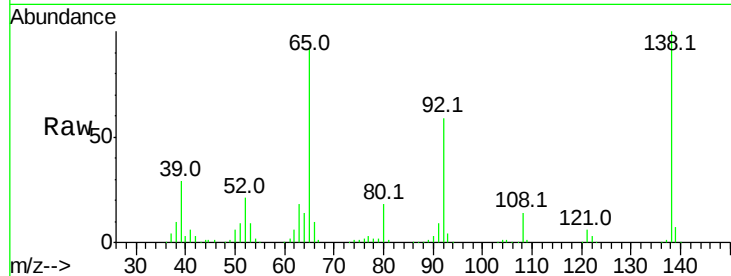




#47
 2-Nitroaniline
 Concen: 42.573 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

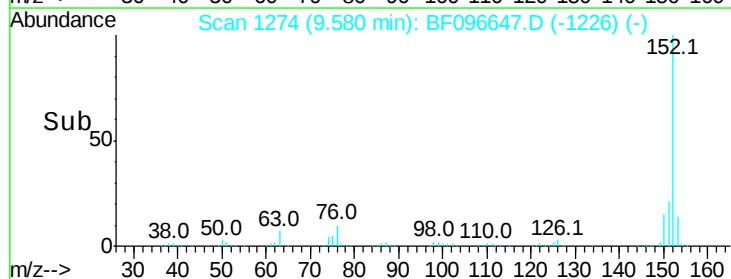
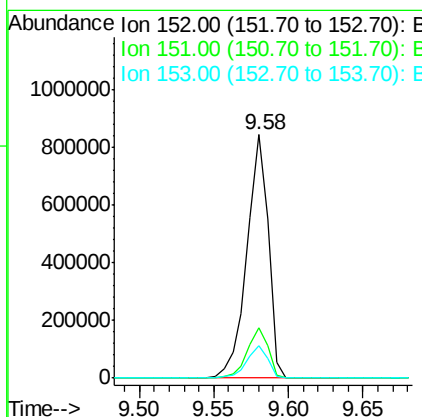
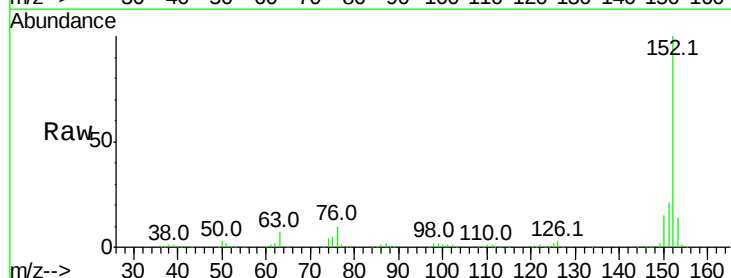
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

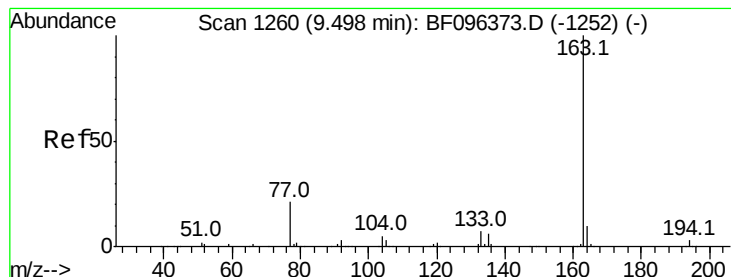
Tot Ion: 65 Resp: 192816
 Ion Ratio Lower Upper
 65 100
 92 64.7 53.9 80.9
 138 108.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 42.176 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:152 Resp: 831833
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 44.127 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

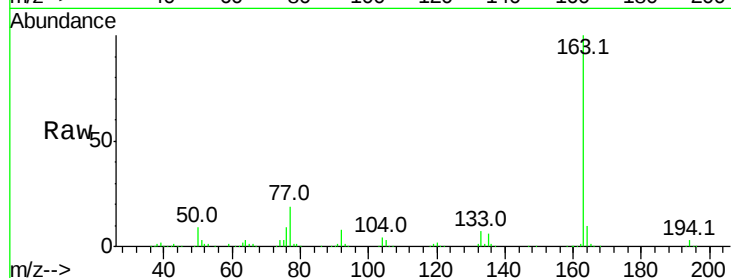
Tot Ion:163 Resp: 642126

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

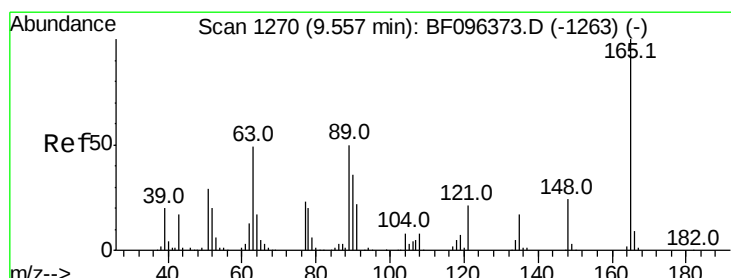
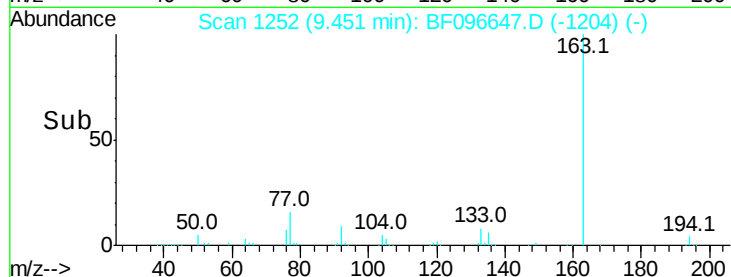
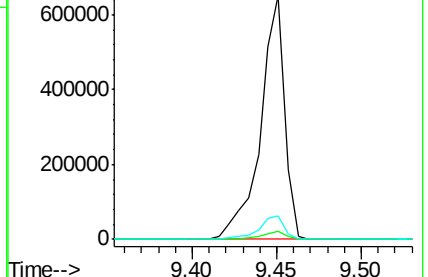
164 9.6 8.4 12.6



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: 44.446 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

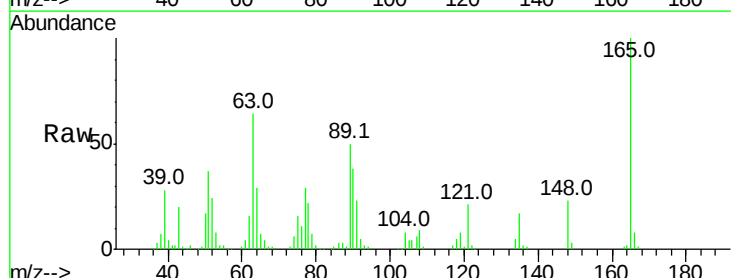
Tgt Ion:165 Resp: 143025

Ion Ratio Lower Upper

165 100

63 64.4 34.3 51.5#

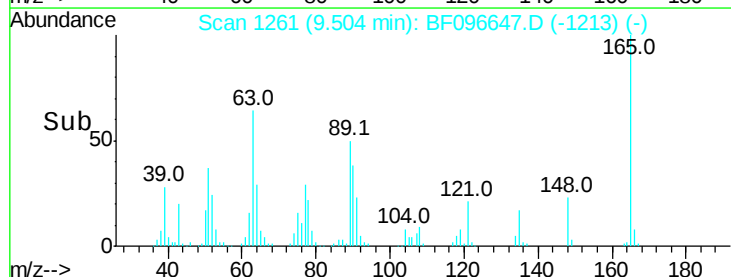
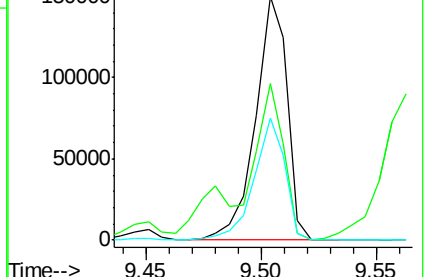
89 50.3 37.1 55.7

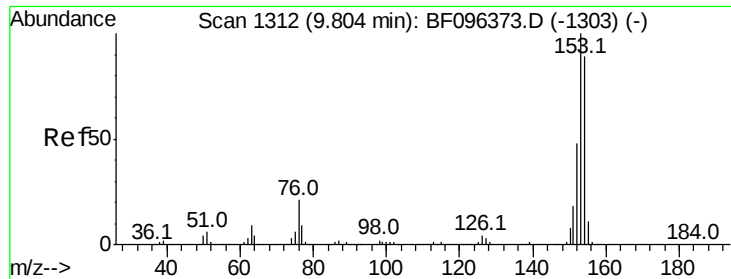


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.806 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

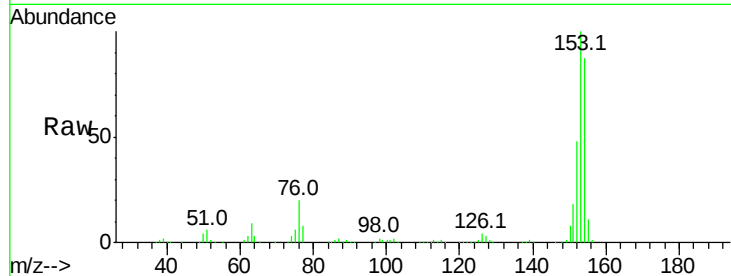
Tot Ion:154 Resp: 483939

Ion Ratio Lower Upper

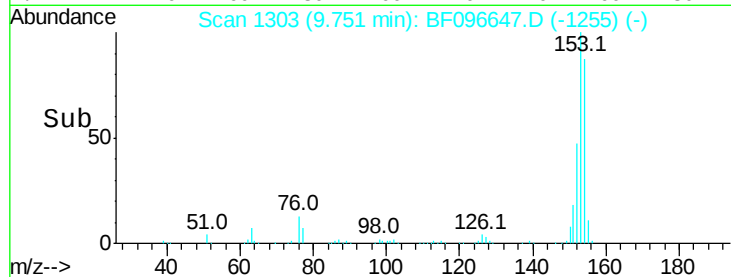
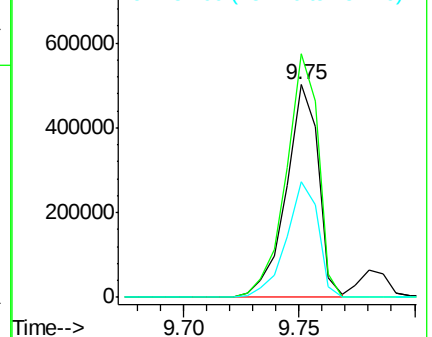
154 100

153 114.4 90.5 135.7

152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.584 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

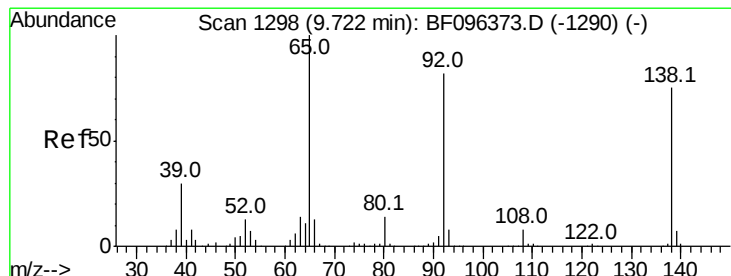
Tgt Ion:138 Resp: 102685

Ion Ratio Lower Upper

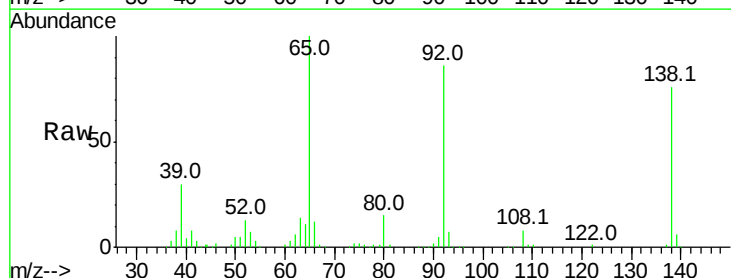
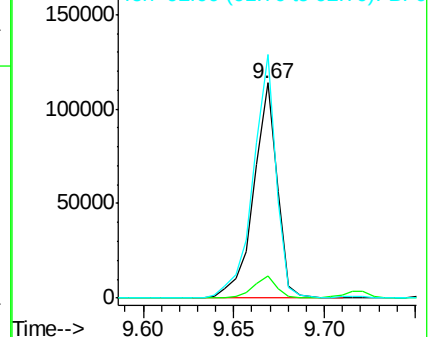
138 100

108 10.5 9.1 13.7

92 113.1 93.8 140.6



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): BF0

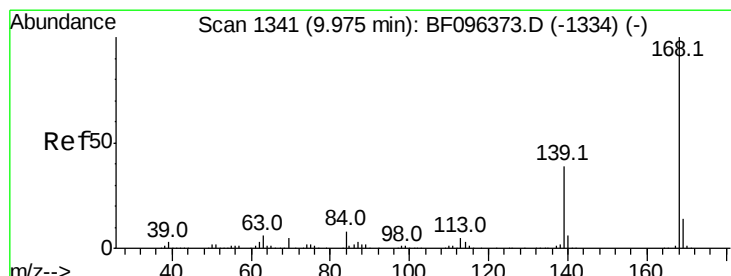
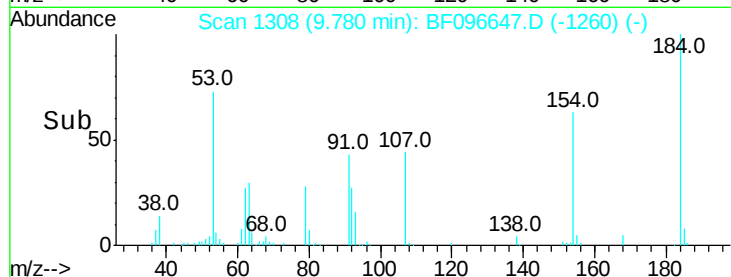
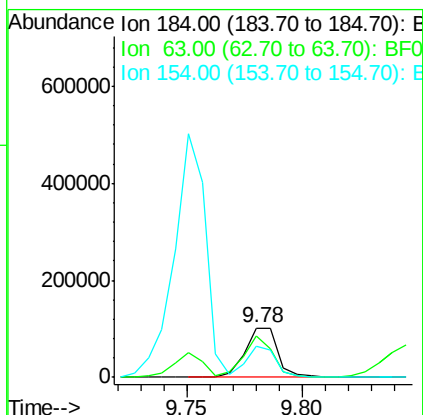
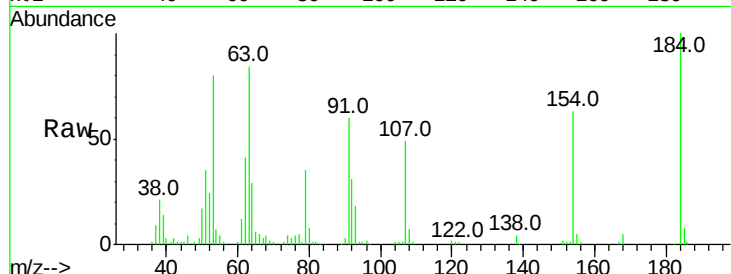




#53
2,4-Dinitrophenol
Concen: 60.127 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

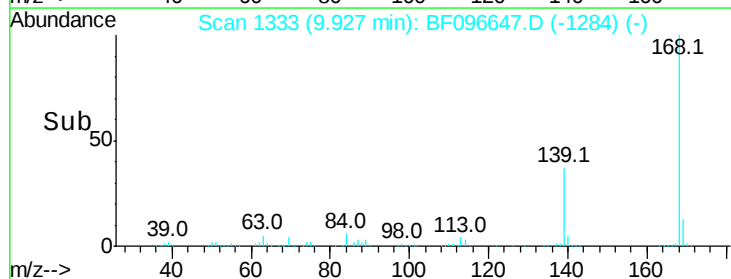
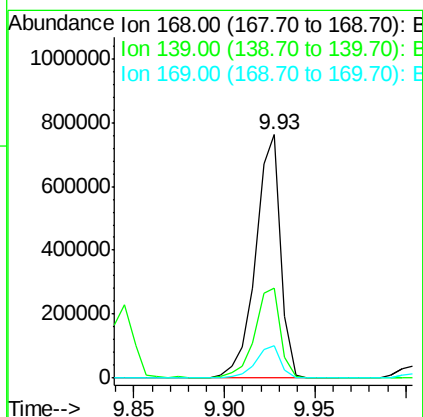
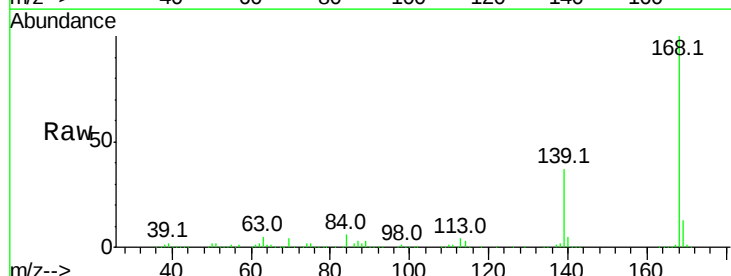
Instrument :
BNA_F
ClientSampleId :
PB100554BS

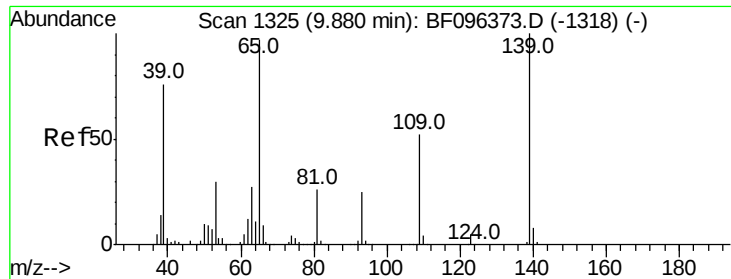
Tot Ion:184 Resp: 102766
Ion Ratio Lower Upper
184 100
63 83.8 62.7 94.1
154 62.8 81.1 121.7#



#54
Dibenzofuran
Concen: 45.372 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:168 Resp: 728267
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 68.821 ng

RT: 9.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

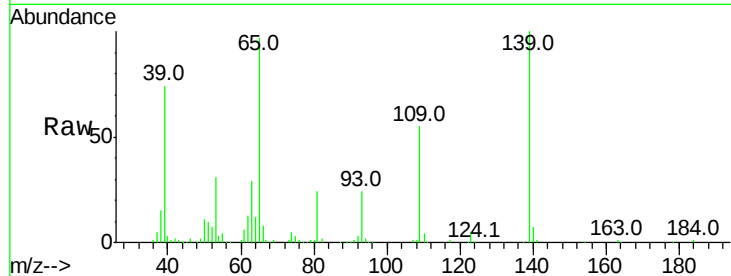
Tot Ion:139 Resp: 228944

Ion Ratio Lower Upper

139 100

109 55.3 34.1 74.1

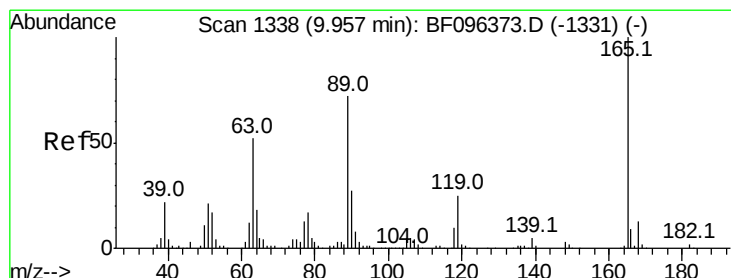
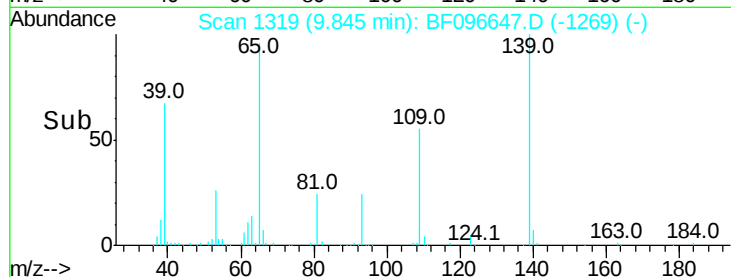
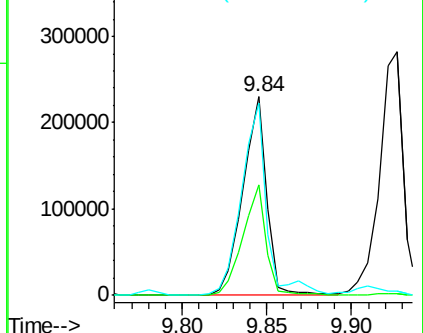
65 96.8 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 44.083 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:165 Resp: 179643

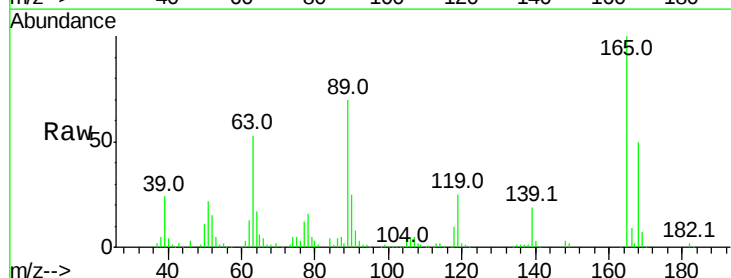
Ion Ratio Lower Upper

165 100

63 53.0 25.4 38.0#

89 69.6 46.4 69.6

182 2.1 1.8 2.6

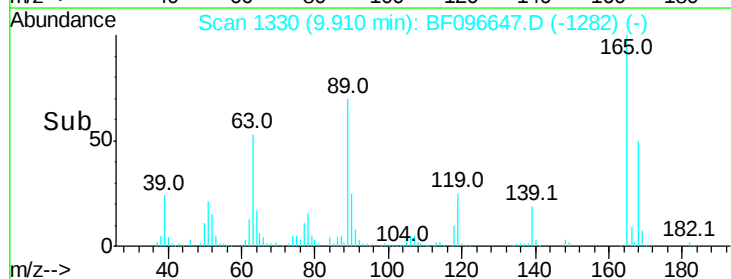
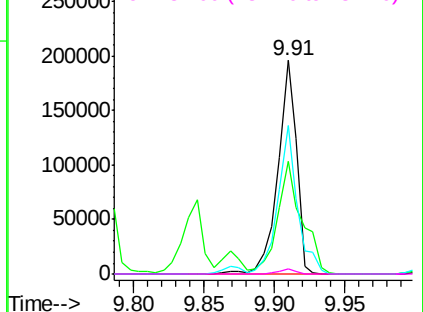


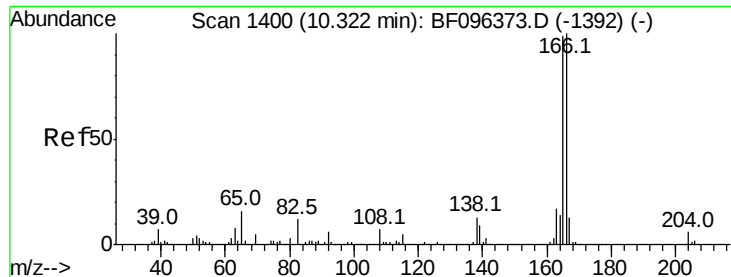
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.594 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

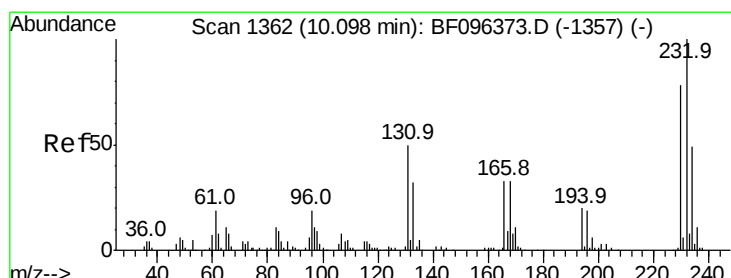
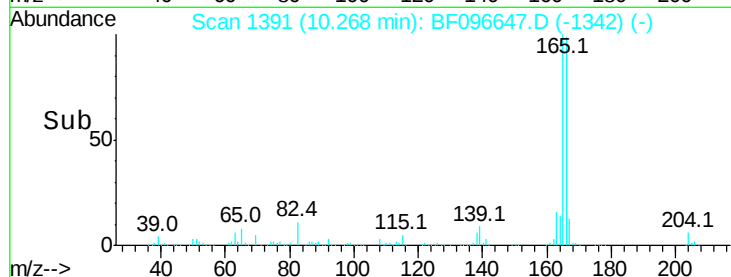
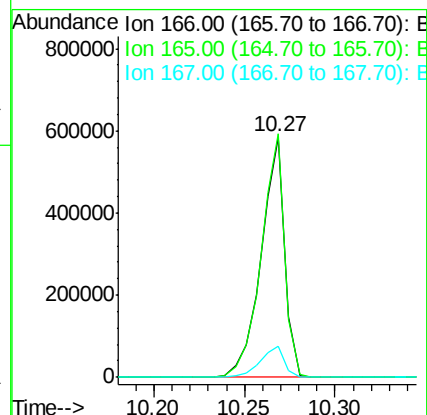
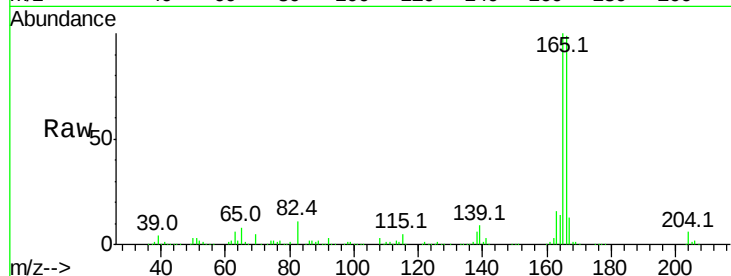
Tot Ion:166 Resp: 528200

Ion Ratio Lower Upper

166 100

165 101.4 78.8 118.2

167 13.2 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.913 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:232 Resp: 131236

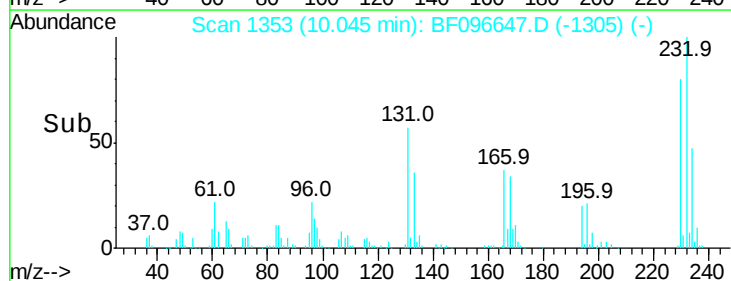
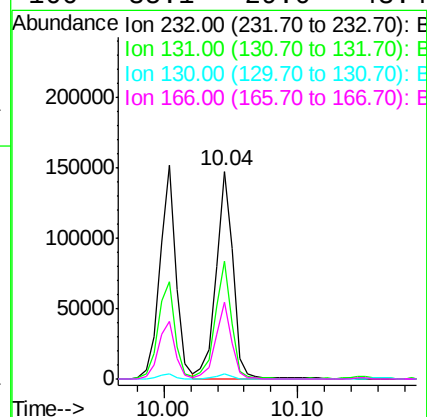
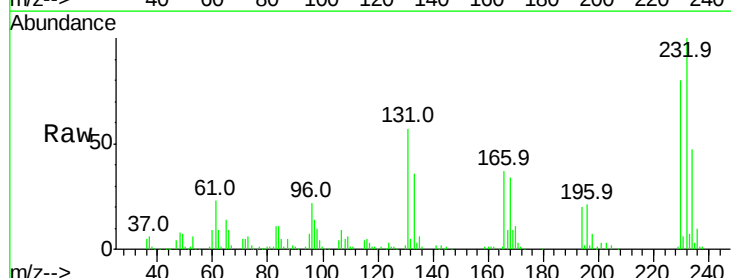
Ion Ratio Lower Upper

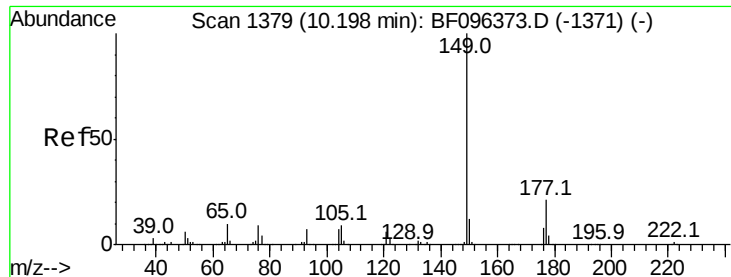
232 100

131 55.1 44.8 67.2

130 2.2 2.3 3.5#

166 35.1 29.0 43.4

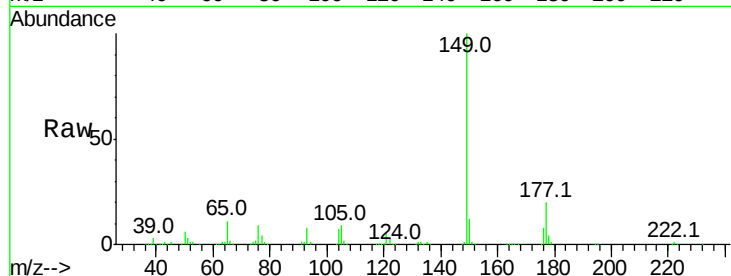




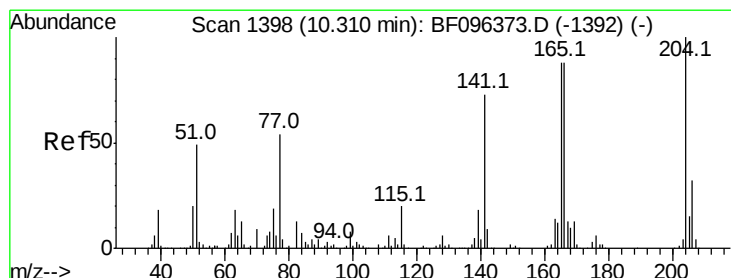
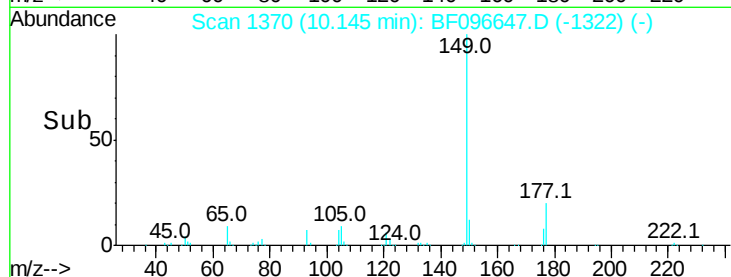
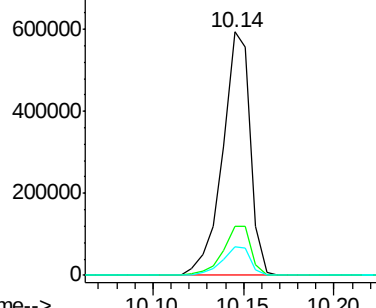
#59
Diethylphthalate
Concen: 45.687 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:149 Resp: 628397
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 11.9 10.2 15.2

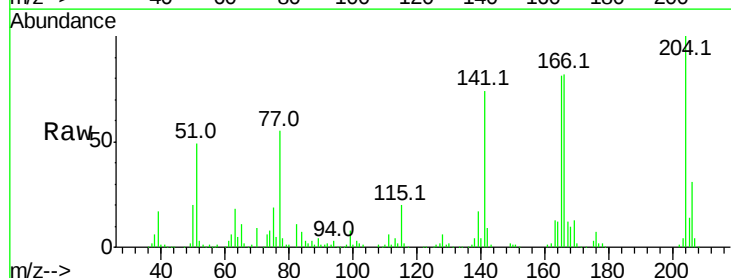


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

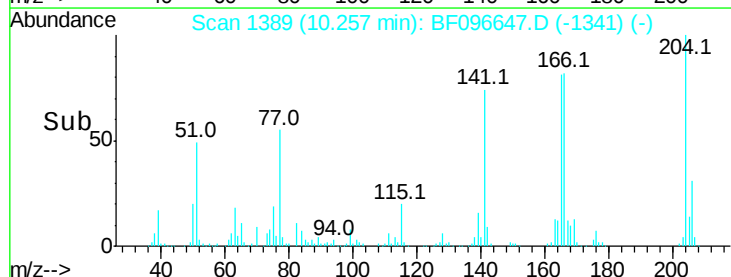
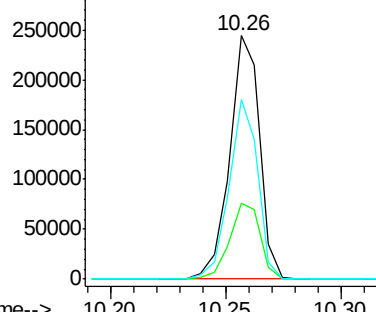


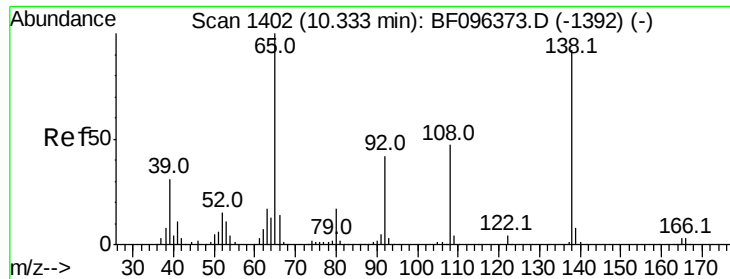
#60
4-Chlorophenyl-phenylether
Concen: 44.689 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:204 Resp: 220420
Ion Ratio Lower Upper
204 100
206 31.2 26.2 39.2
141 73.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

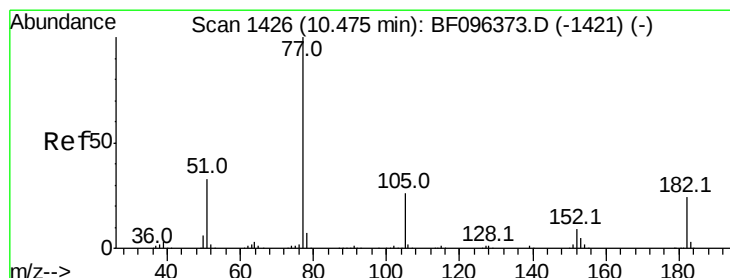
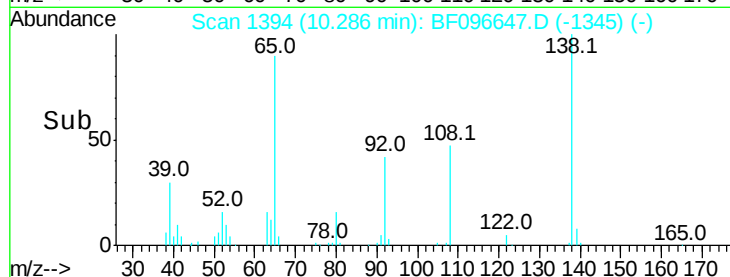
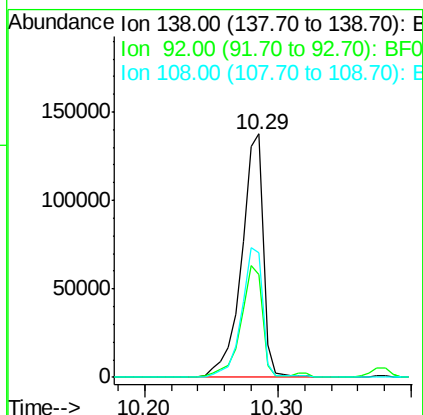
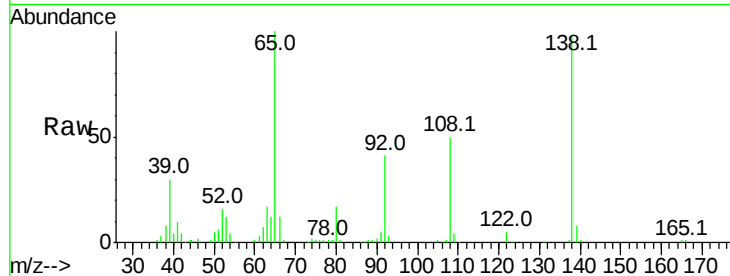




#61
4-Nitroaniline
Concen: 42.355 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

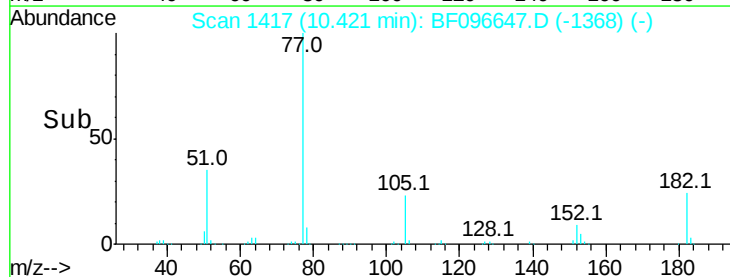
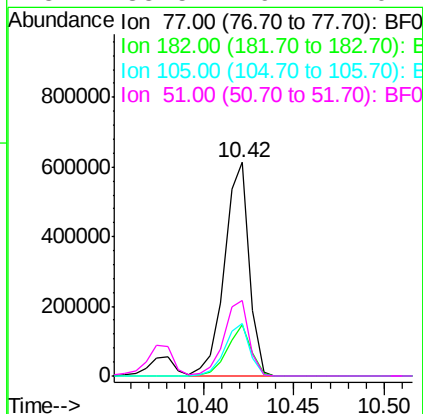
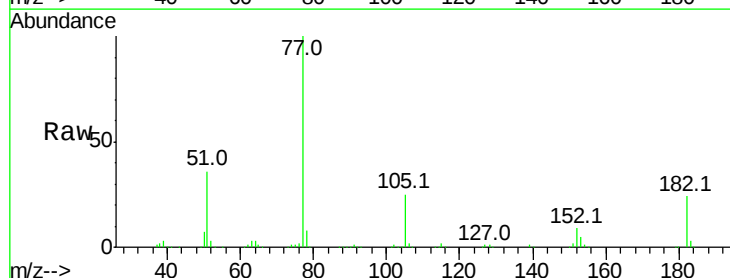
Instrument :
BNA_F
ClientSampleId :
PB100554BS

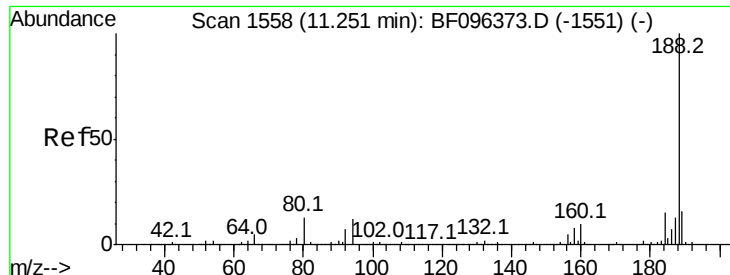
Tot Ion:138 Resp: 154574
Ion Ratio Lower Upper
138 100
92 42.4 21.8 61.8
108 51.1 42.3 82.3



#62
Azobenzene
Concen: 43.512 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion: 77 Resp: 578710
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 24.9 3.6 43.6
51 35.5 9.4 49.4

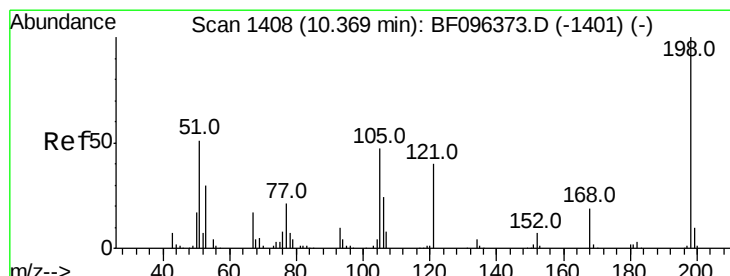
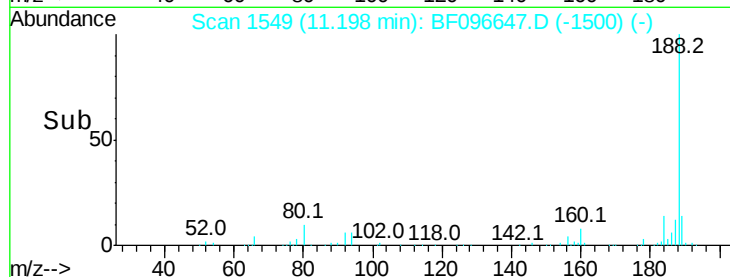
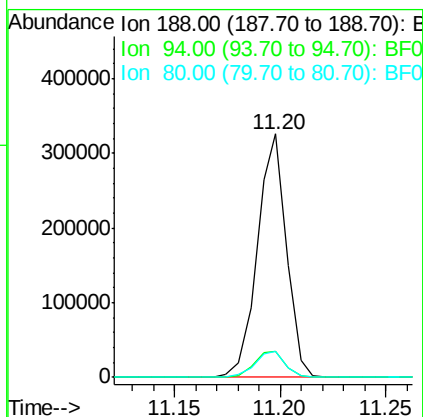
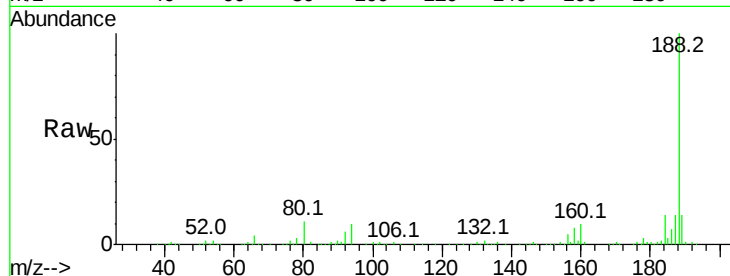




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

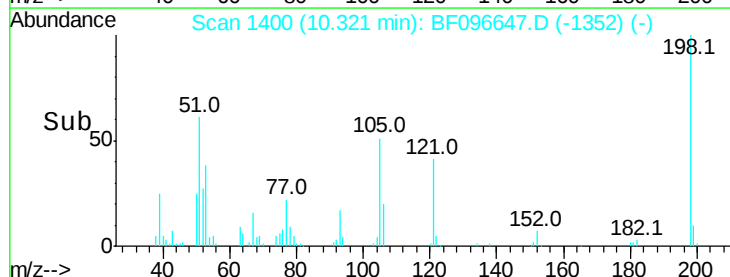
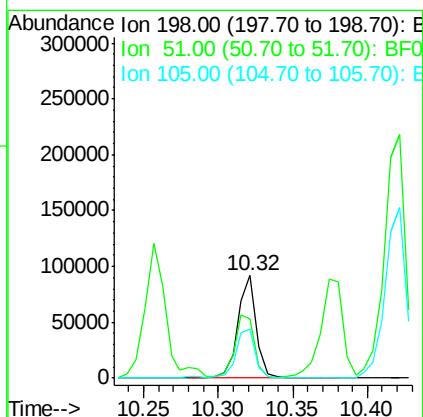
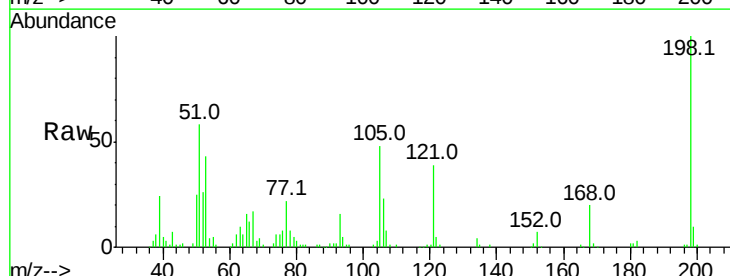
Instrument :
BNA_F
ClientSampleId :
PB100554BS

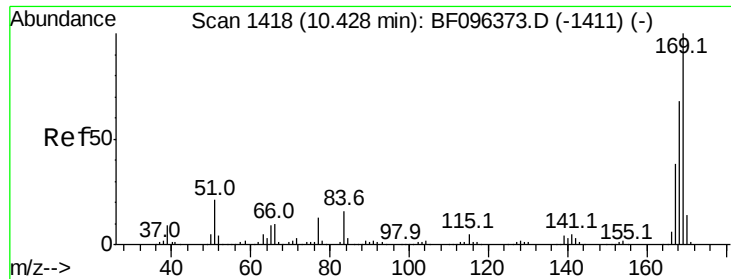
Tot Ion:188 Resp: 311698
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.833 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:198 Resp: 79178
Ion Ratio Lower Upper
198 100
51 57.6 53.2 93.2
105 47.6 45.8 85.8

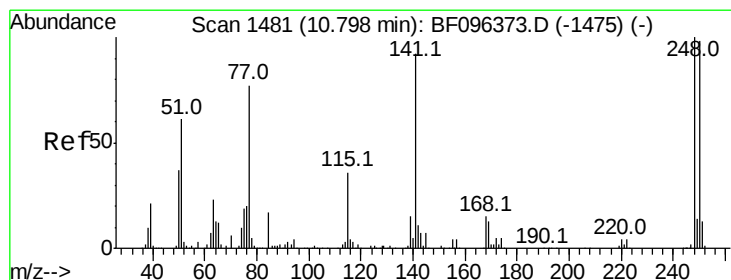
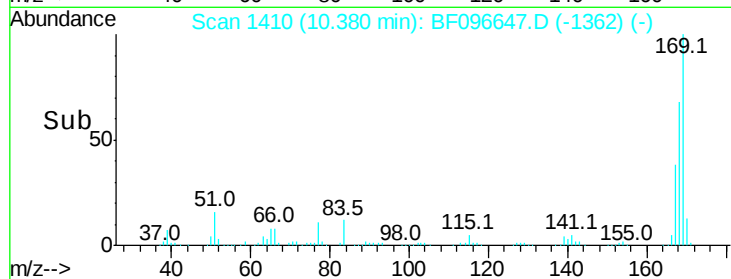
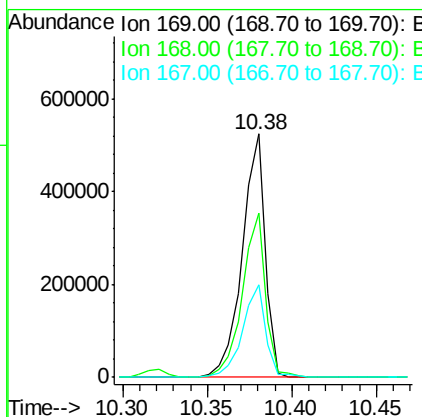
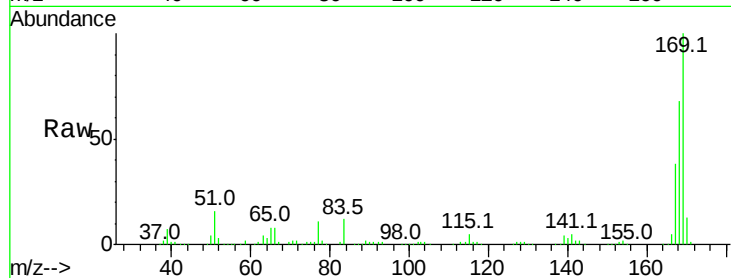




#65
 n-Nitrosodiphenylamine
 Concen: 45.611 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

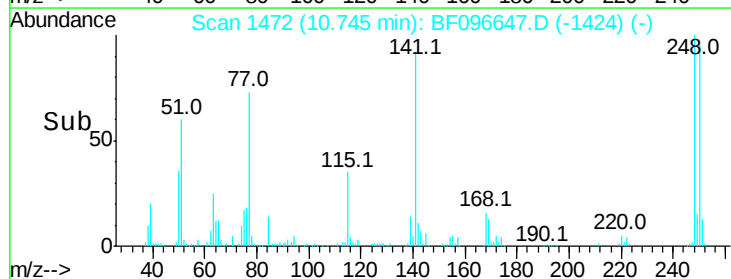
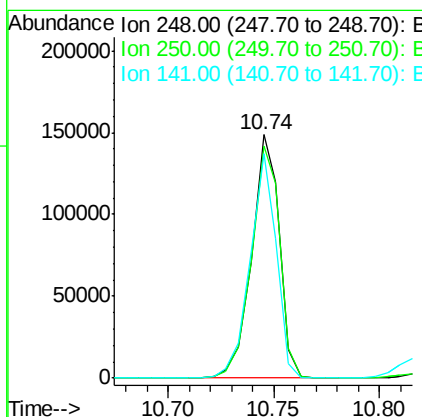
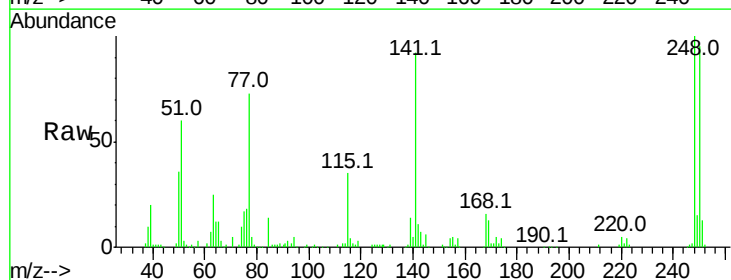
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

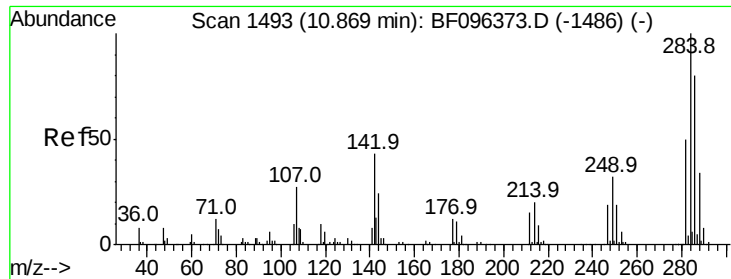
Tot Ion:169 Resp: 498823
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 38.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.495 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:248 Resp: 135009
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.8 115.2
 141 92.0 68.6 103.0

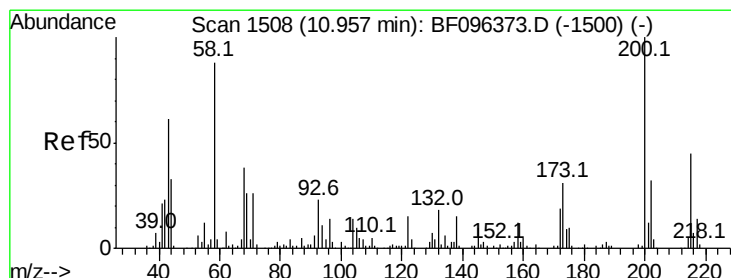
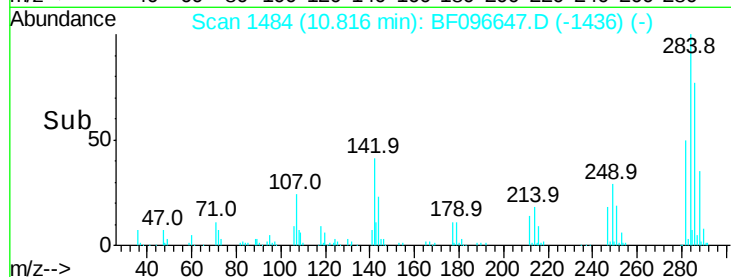
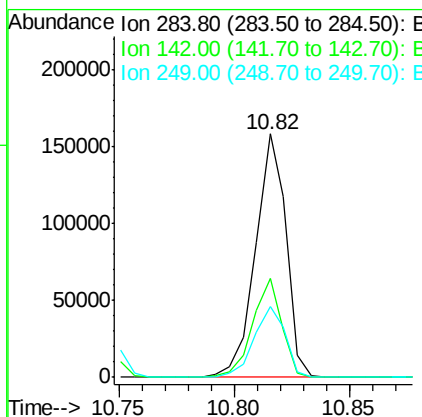
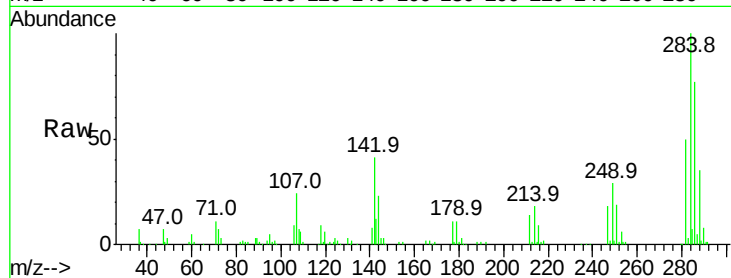




#67
Hexachlorobenzene
Concen: 43.874 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

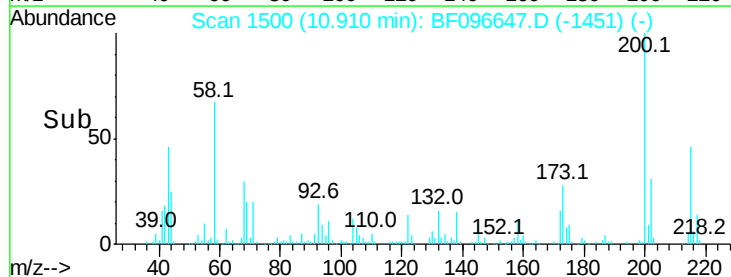
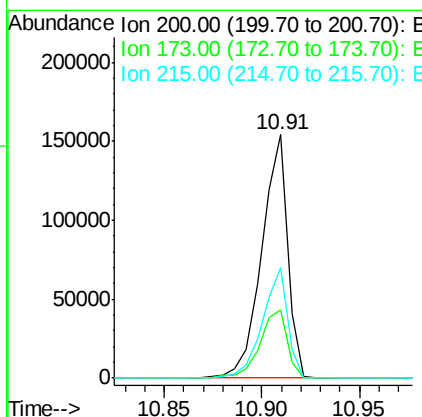
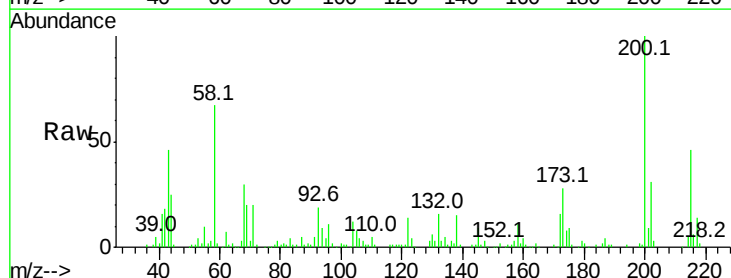
Instrument :
BNA_F
ClientSampleId :
PB100554BS

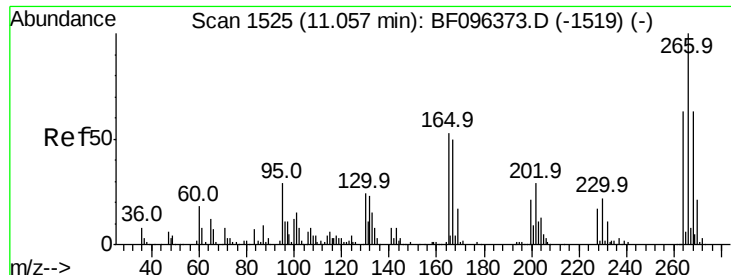
Tot Ion:284 Resp: 145728
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 28.9 24.0 36.0



#68
Atrazine
Concen: 45.415 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:200 Resp: 141897
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 45.5 27.2 67.2

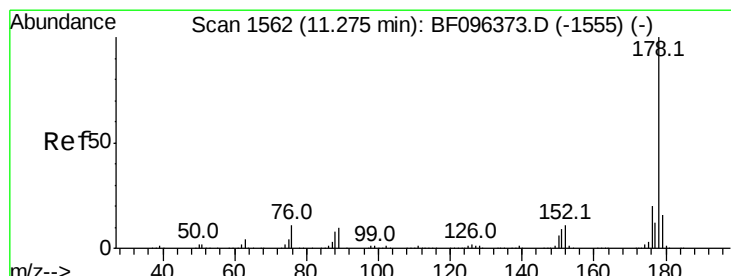
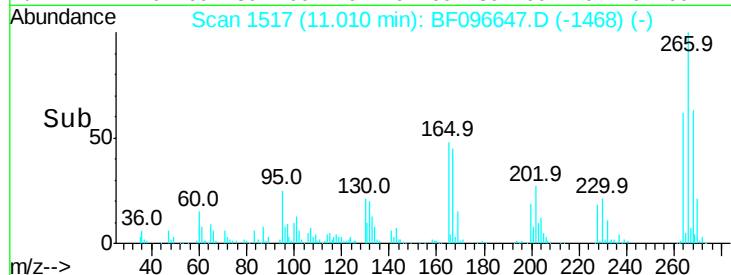
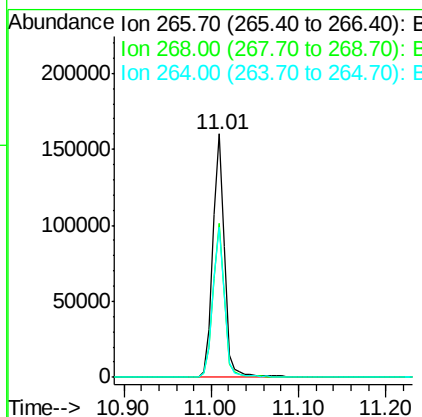
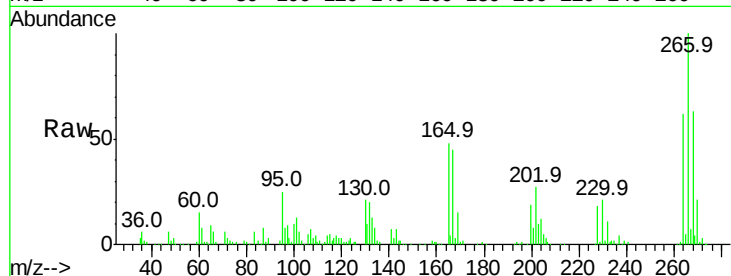




#69
 Pentachlorophenol
 Concen: 76.555 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

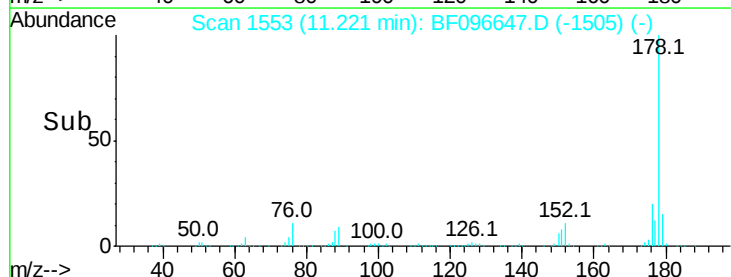
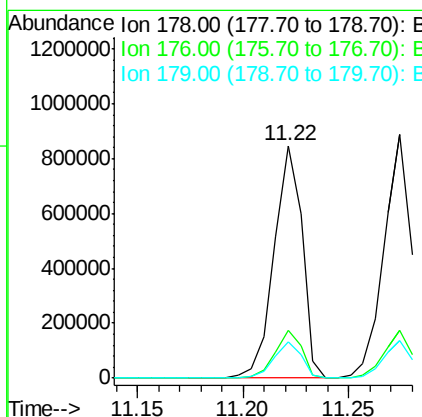
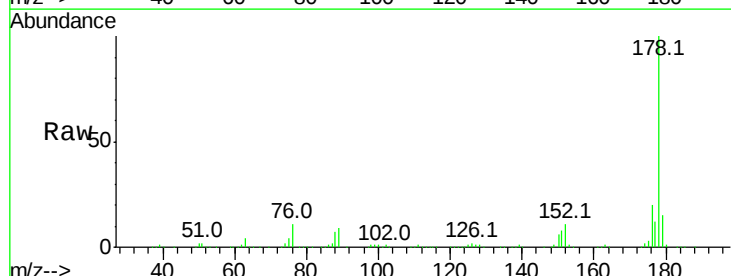
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

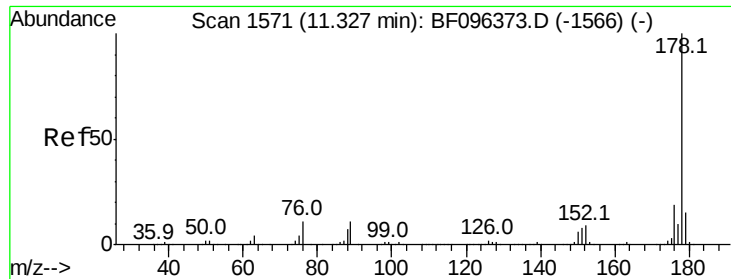
Tot Ion:266 Resp: 150705
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 61.9 51.7 77.5



#70
 Phenanthrene
 Concen: 46.666 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:178 Resp: 786299
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.4 12.6 19.0

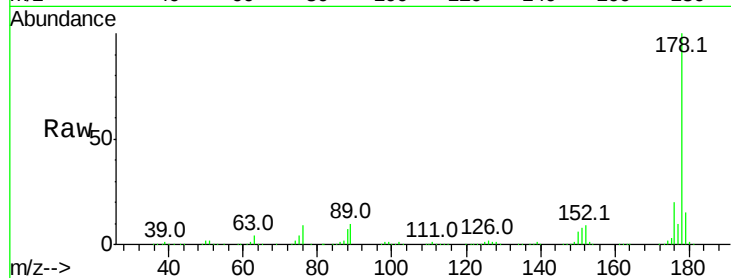




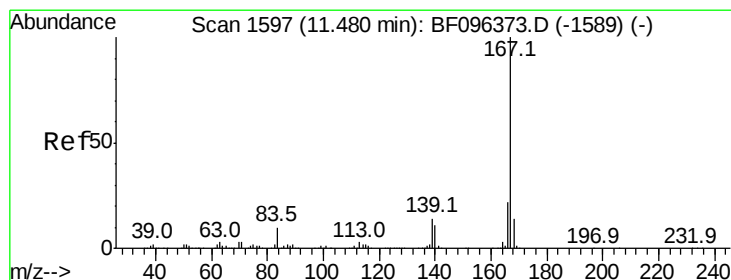
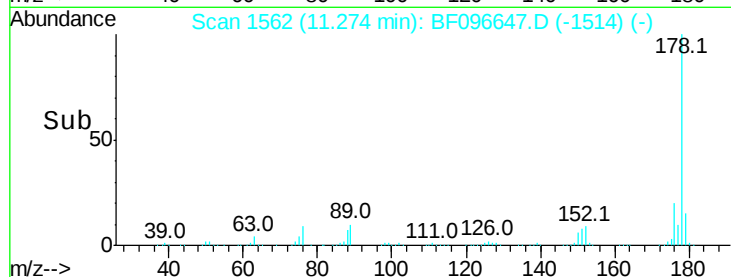
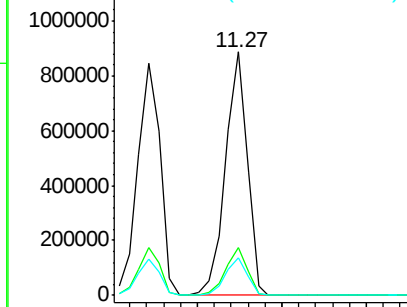
#71
 Anthracene
 Concen: 46.478 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion:178 Resp: 798044
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 12.7 19.1

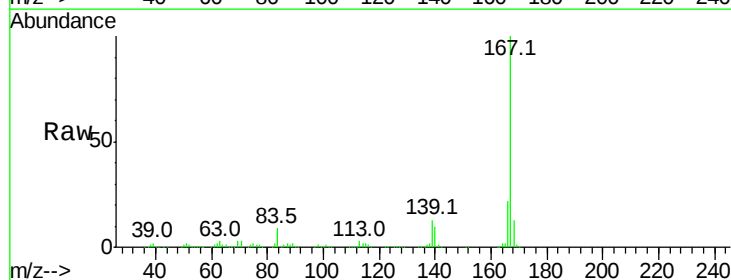


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

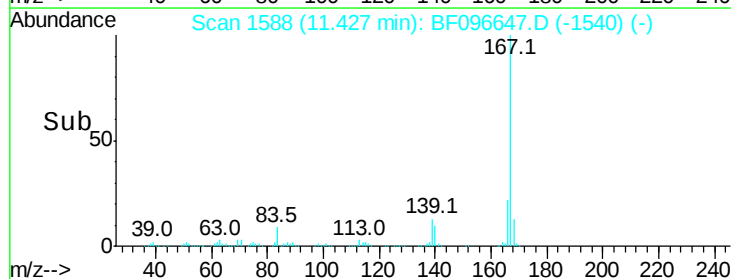
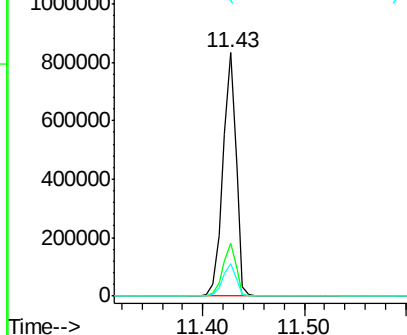


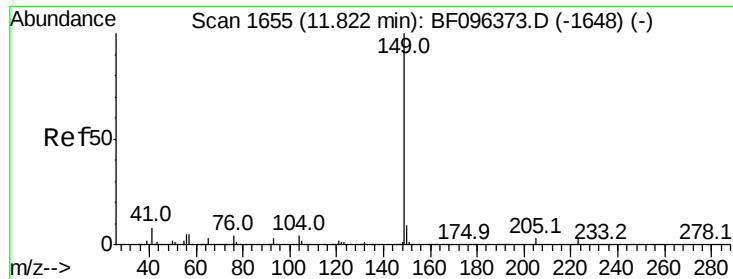
#72
 Carbazole
 Concen: 43.560 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:167 Resp: 752182
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

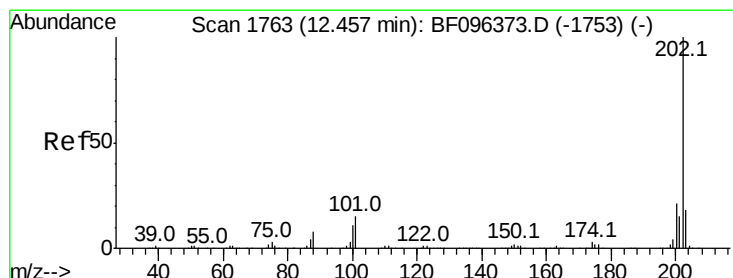
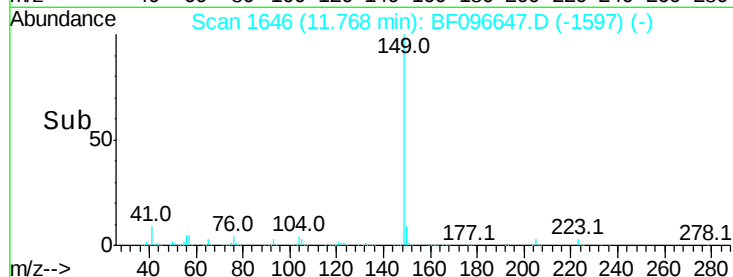
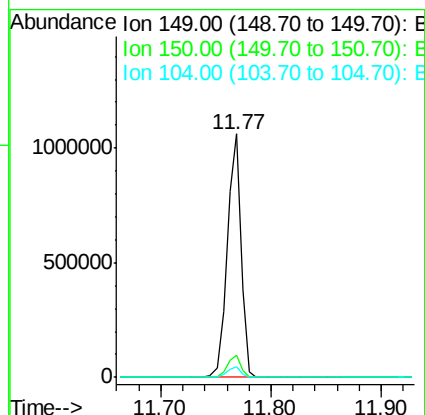
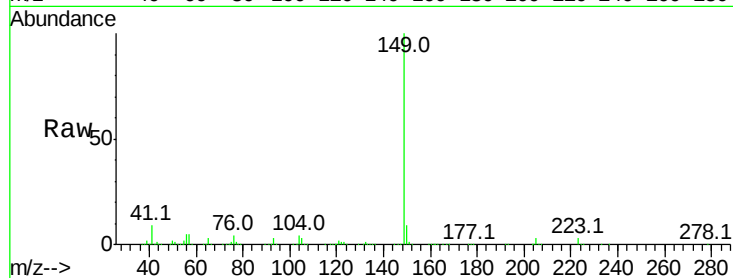




#73
Di-n-butylphthalate
Concen: 44.256 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

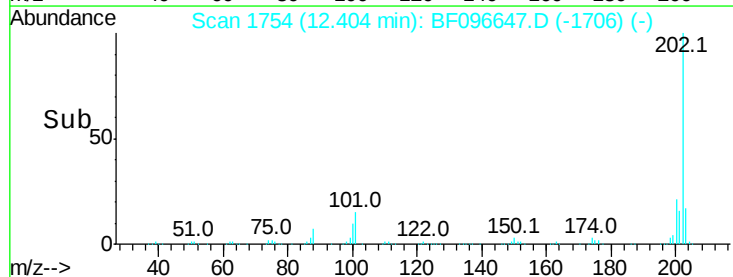
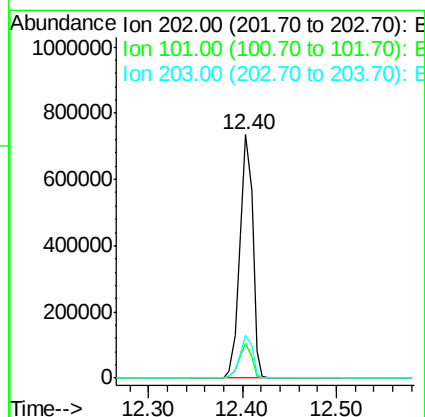
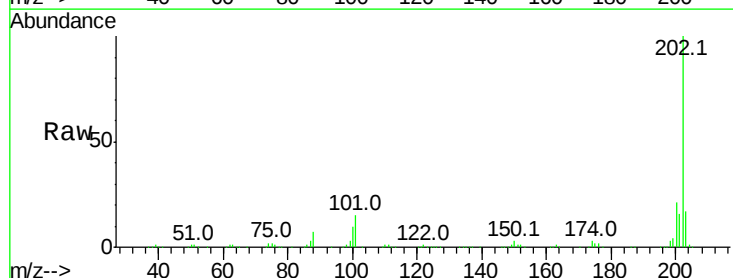
Instrument :
BNA_F
ClientSampleId :
PB100554BS

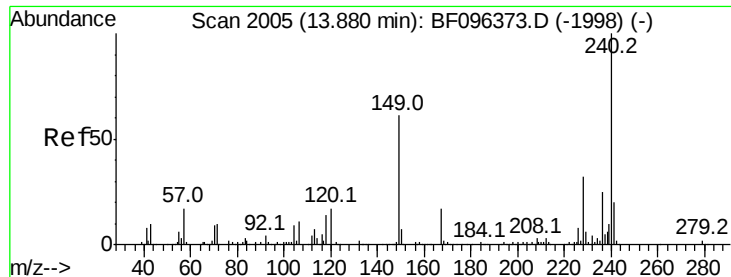
Tot Ion:149 Resp: 925628
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 42.430 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:202 Resp: 700943
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

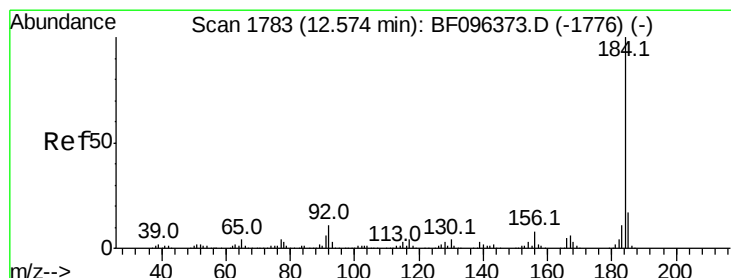
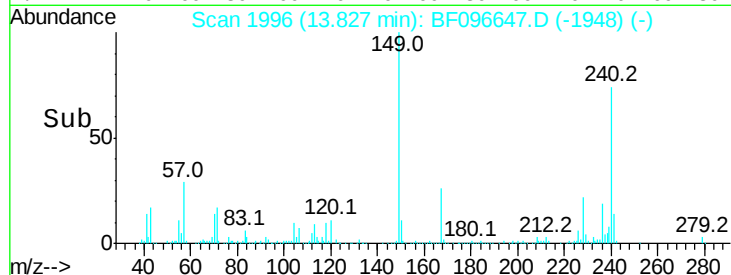
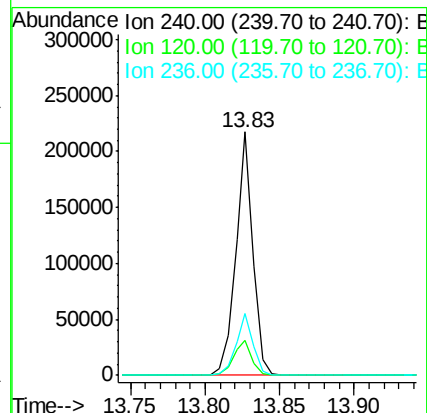
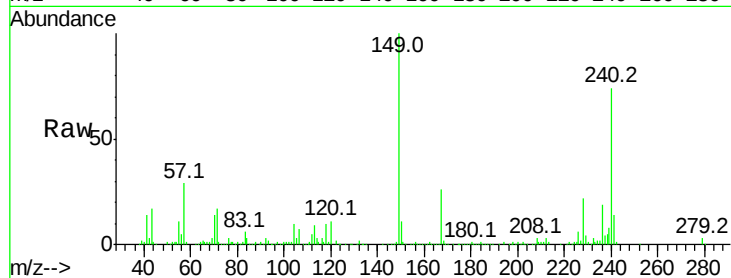
Tot Ion:240 Resp: 175748

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 25.2 20.5 30.7



#76

Benzidine

Concen: 34.669 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

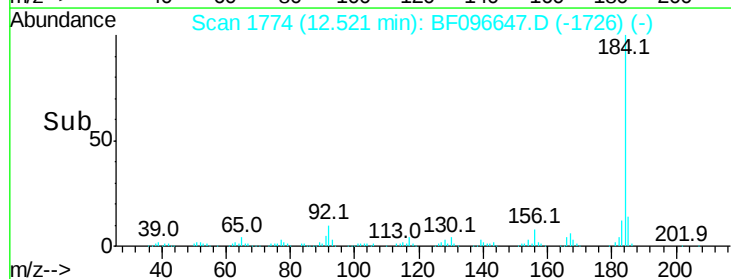
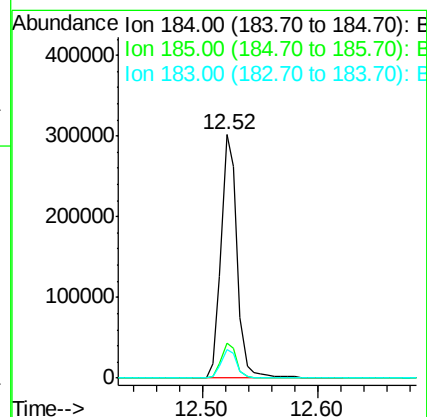
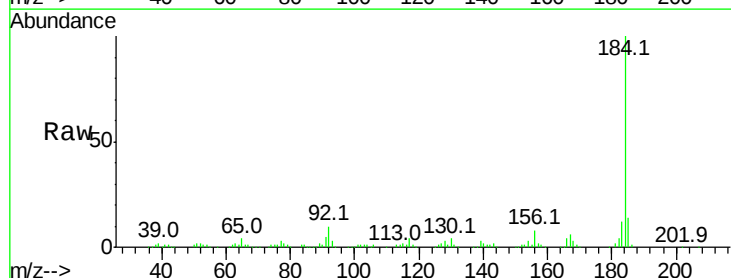
Tgt Ion:184 Resp: 292357

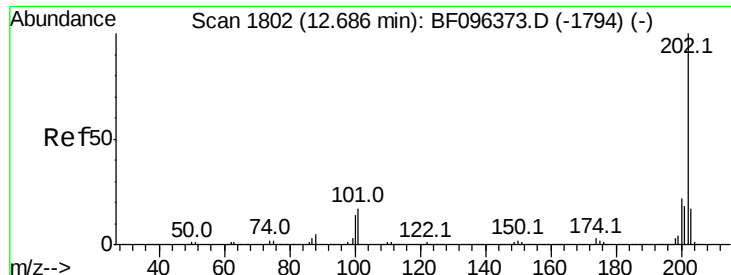
Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

183 11.7 9.8 14.6

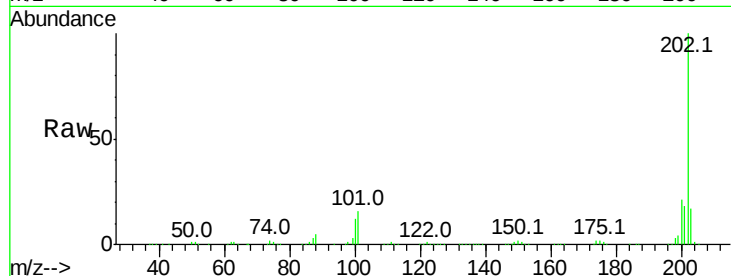




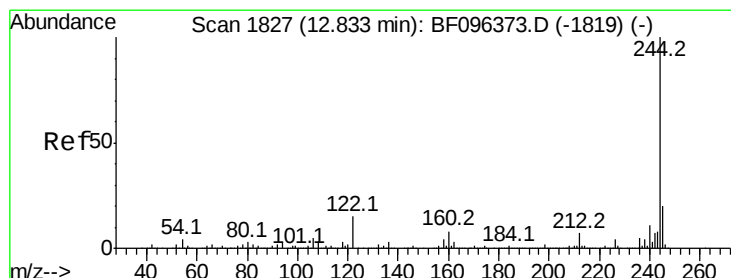
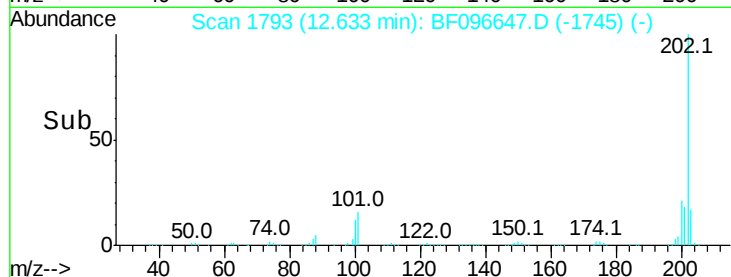
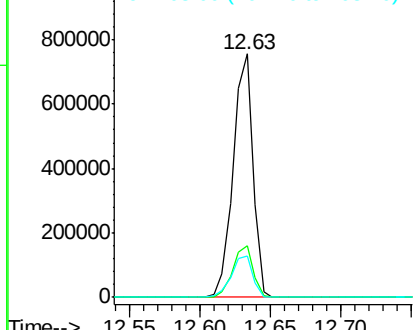
#77
Pvrene
Concen: 52.402 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion:202 Resp: 739224
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.2 14.4 21.6

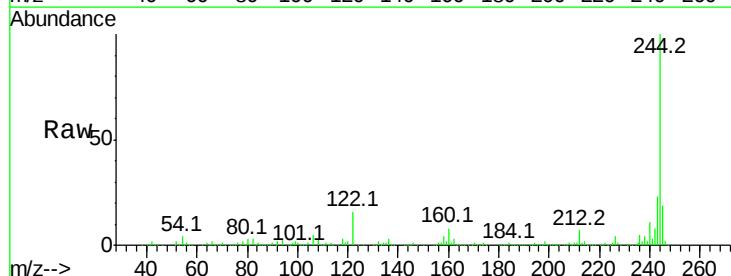


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

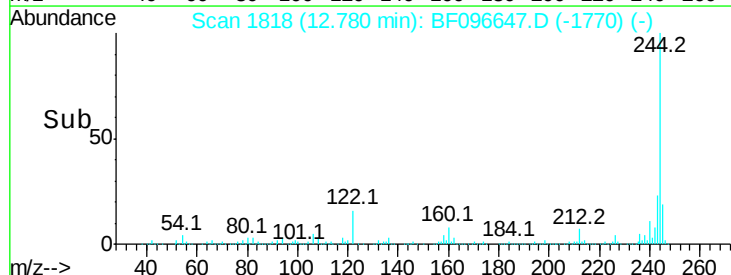
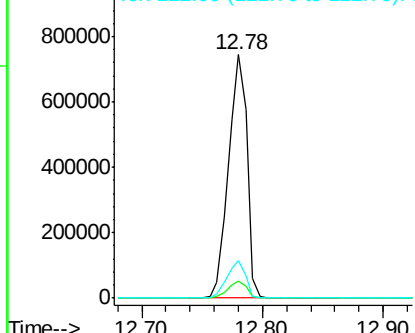


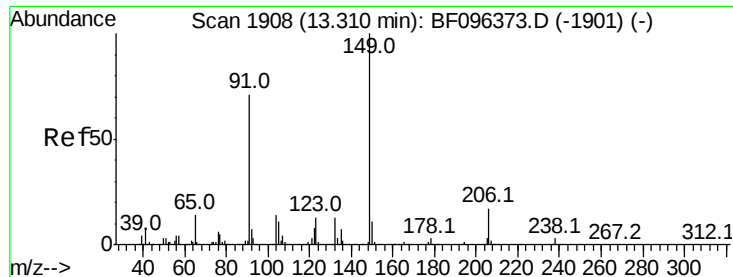
#78
Terphenyl-d14
Concen: 96.189 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:244 Resp: 791126
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 15.6 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

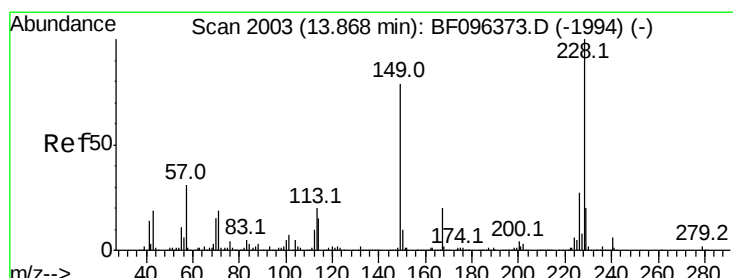
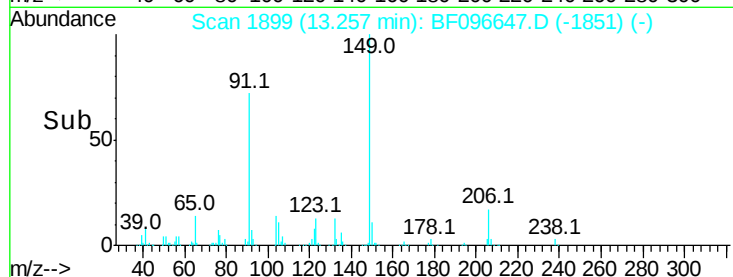
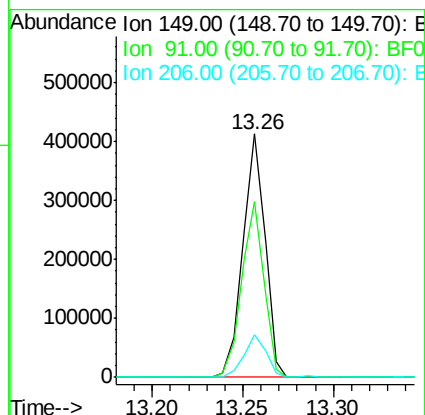
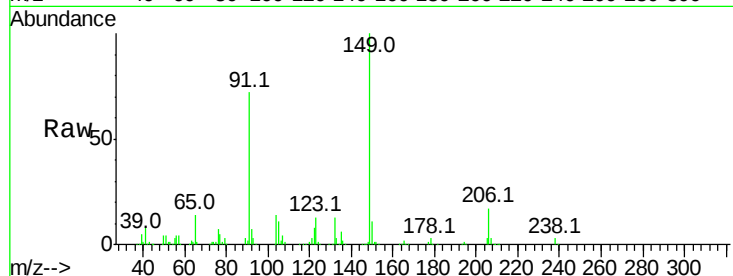




#79
Butylbenzylphthalate
Concen: 49.157 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

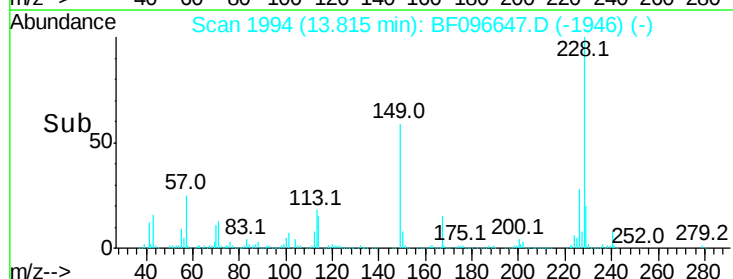
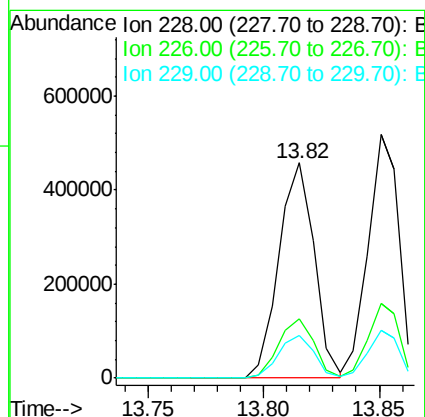
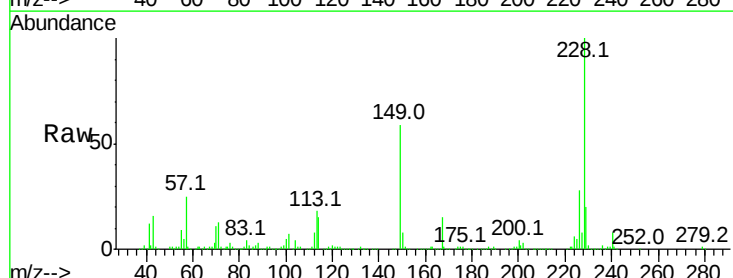
Instrument :
BNA_F
ClientSampleId :
PB100554BS

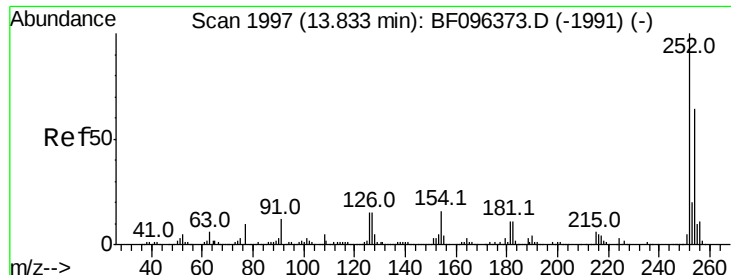
Tot Ion:149 Resp: 351033
Ion Ratio Lower Upper
149 100
91 71.9 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.768 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:228 Resp: 486151
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.7 16.3 24.5

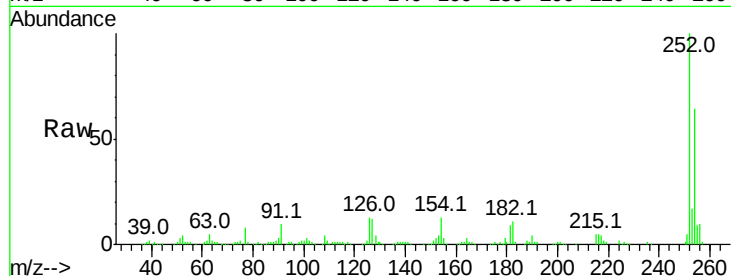




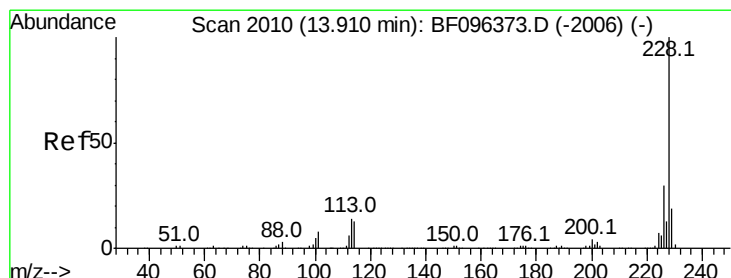
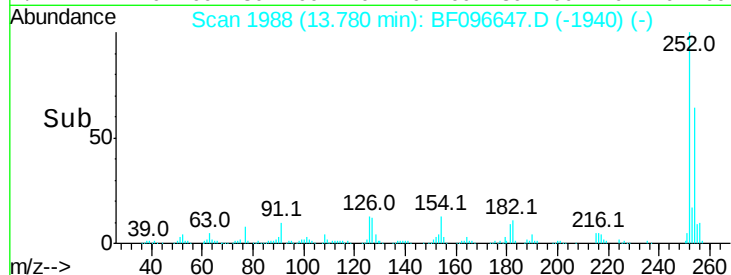
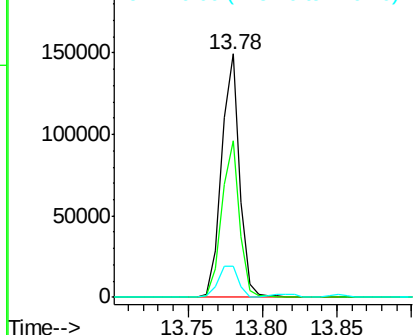
#81
 3,3'-Dichlorobenzidine
 Concen: 30.510 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tot Ion:252 Resp: 127532
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 13.0 15.8 23.8#

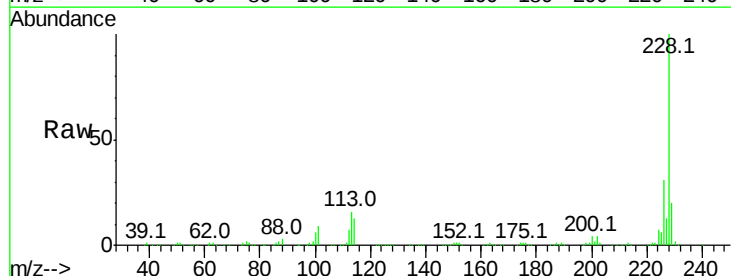


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

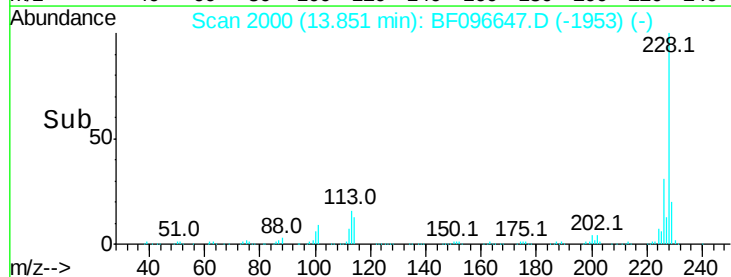
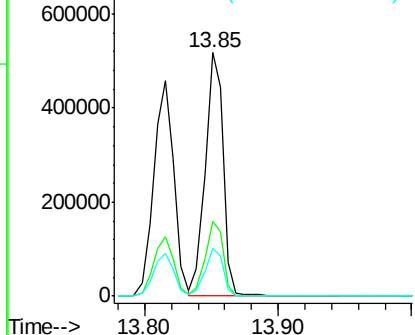


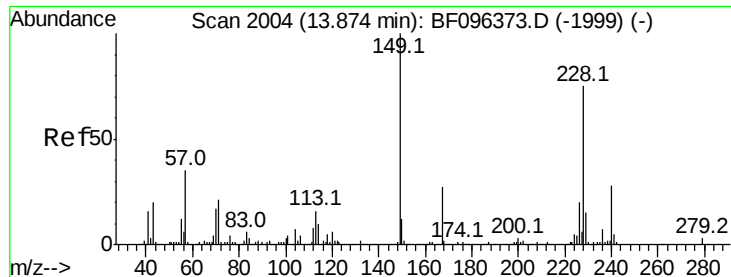
#82
 Chrysene
 Concen: 45.487 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:228 Resp: 484783
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.981 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

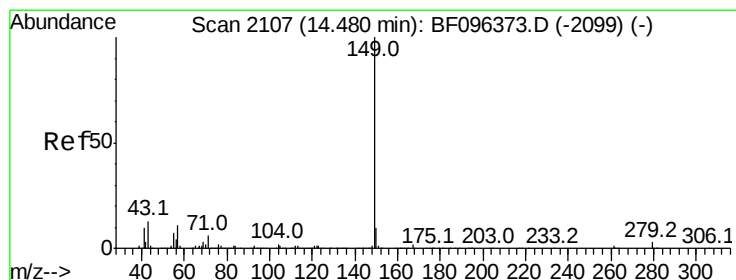
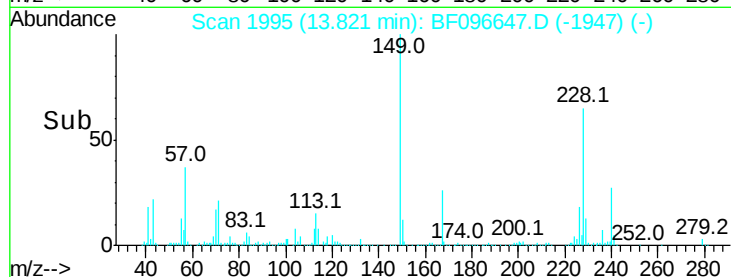
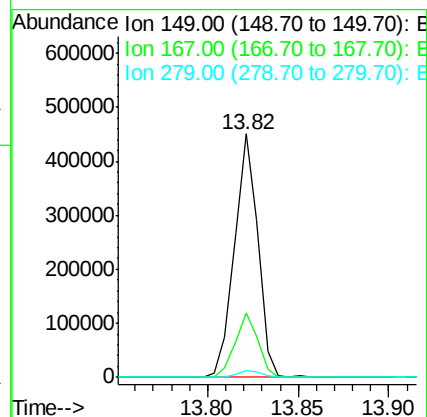
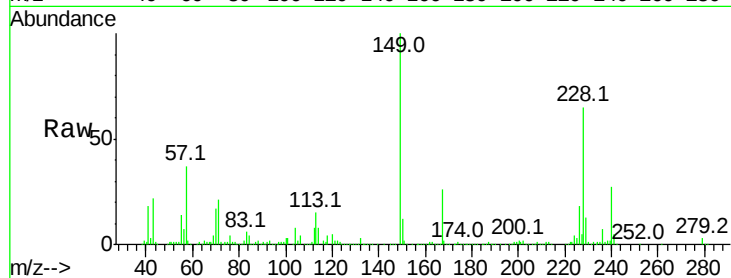
Tot Ion:149 Resp: 406379

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 2.6 1.9 2.9



#84

Di-n-octyl phthalate

Concen: 43.229 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

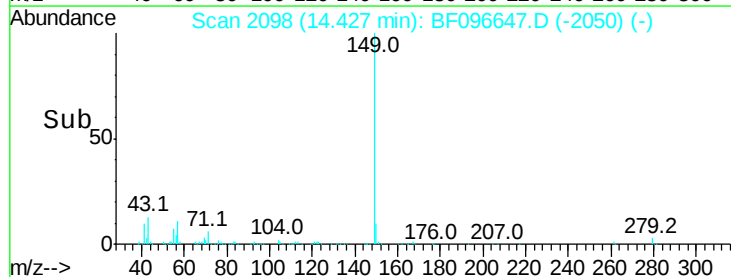
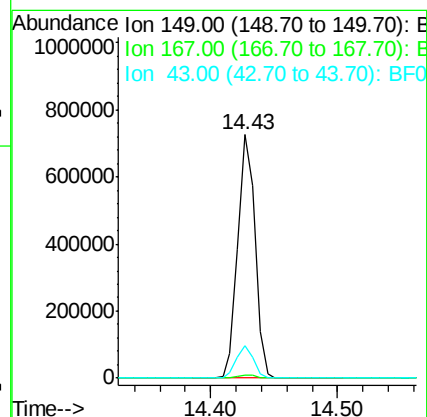
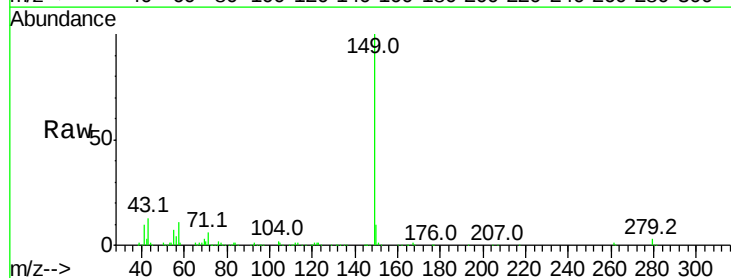
Tgt Ion:149 Resp: 678571

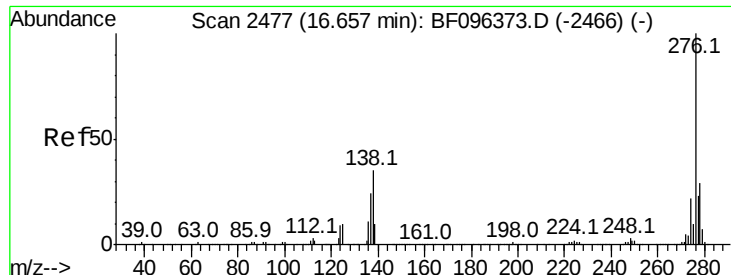
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.0 8.5 12.7#

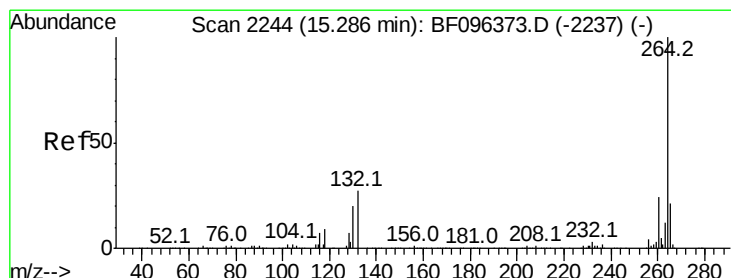
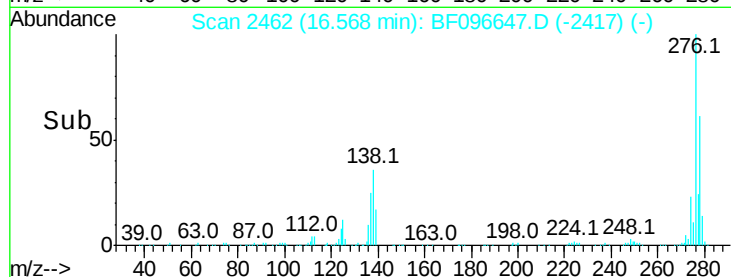
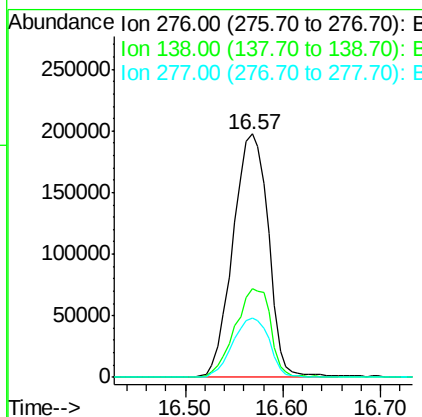
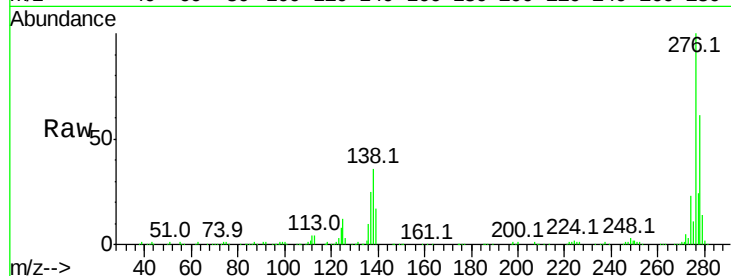




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.684 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.04 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

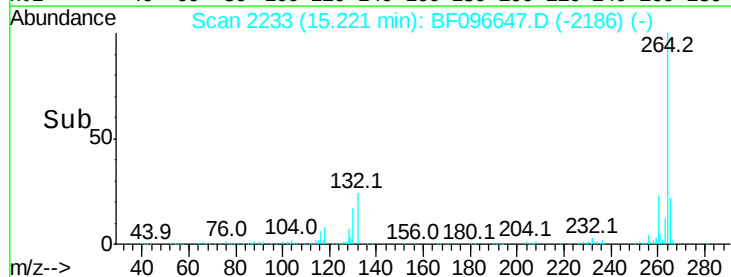
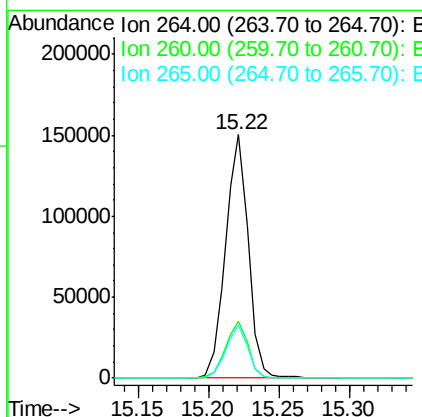
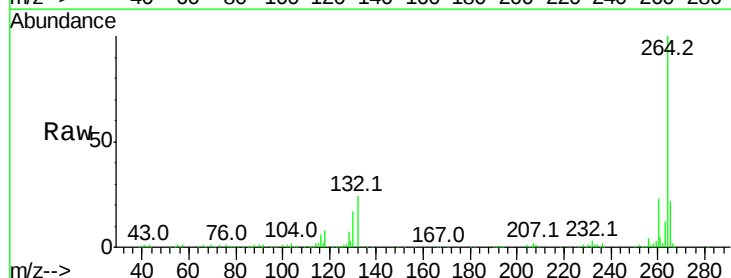
Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

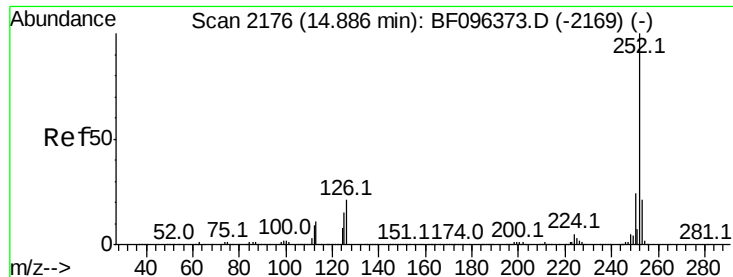
Tot Ion:276 Resp: 502104
 Ion Ratio Lower Upper
 276 100
 138 36.9 27.8 41.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:264 Resp: 167475
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.5 17.2 25.8

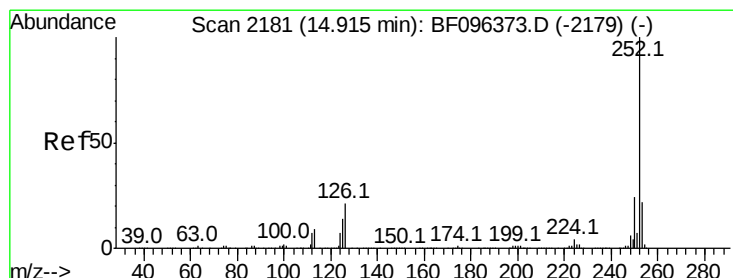
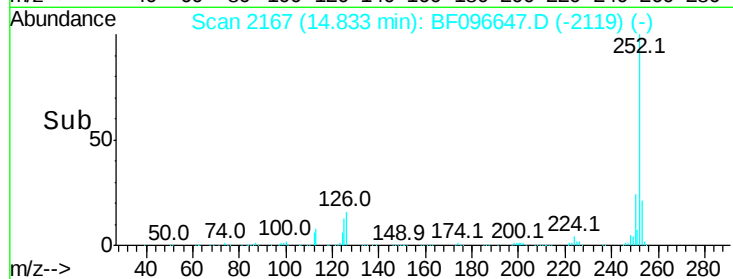
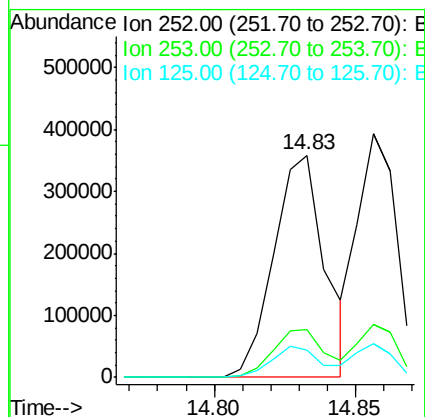
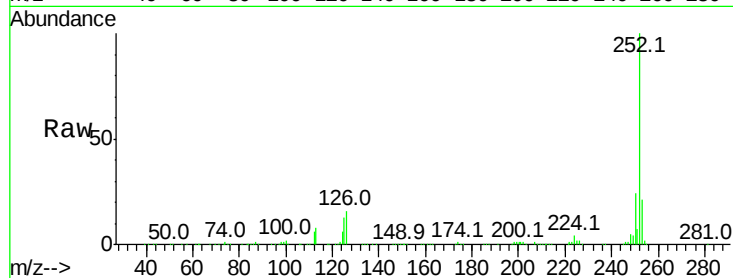




#87
Benzo(b)fluoranthene
Concen: 42.935 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

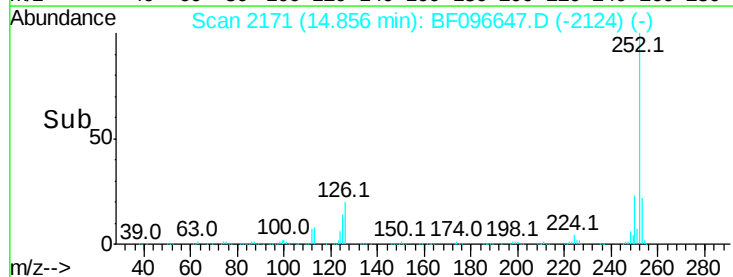
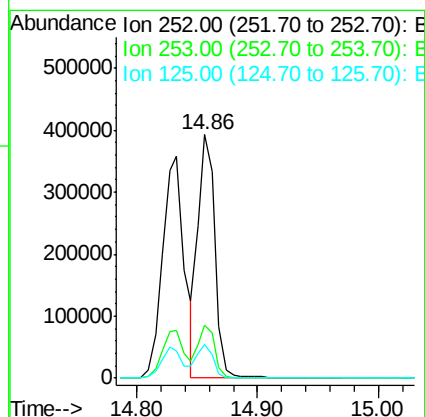
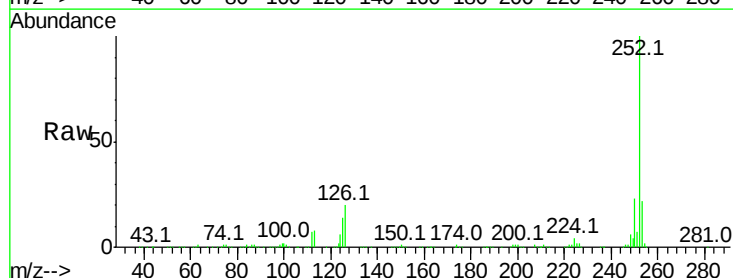
Instrument :
BNA_F
ClientSampleId :
PB100554BS

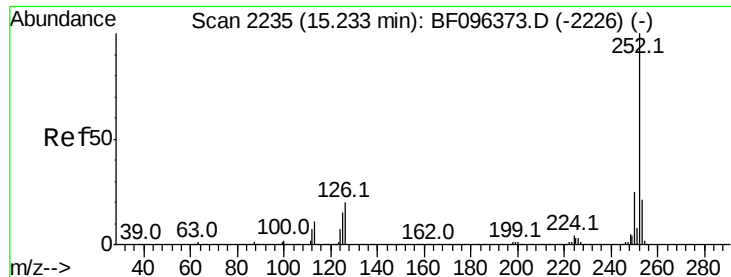
Tot Ion:252 Resp: 450553
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.979 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:252 Resp: 384669
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.8 13.1 19.7

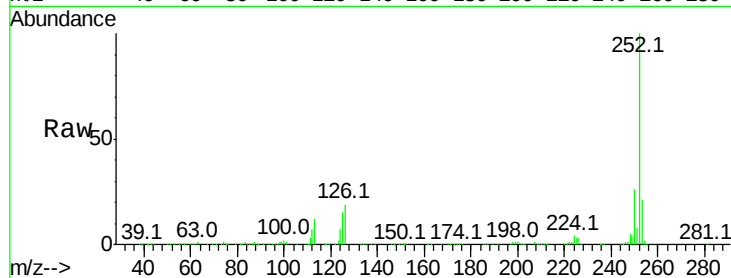




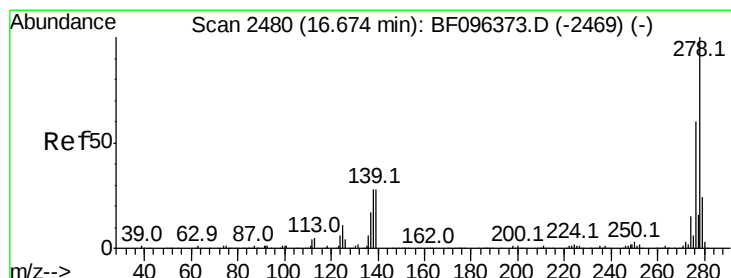
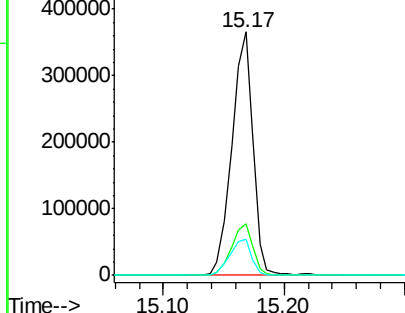
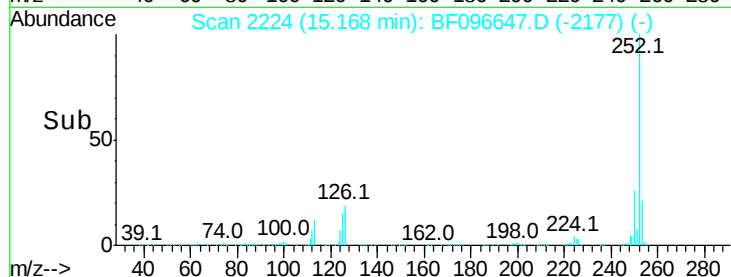
#89
Benzo(a)pyrene
Concen: 47.892 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	15.1	11.0	16.4

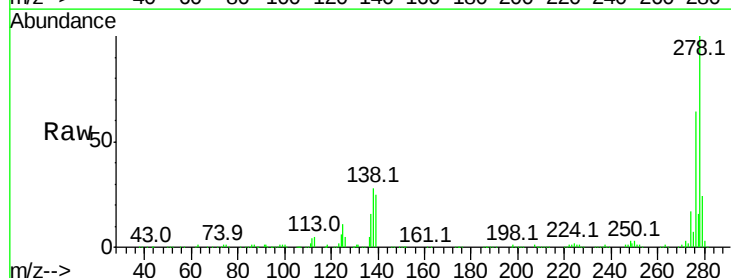


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

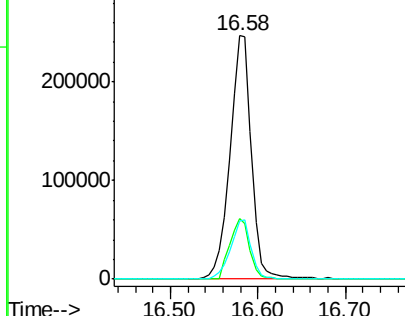
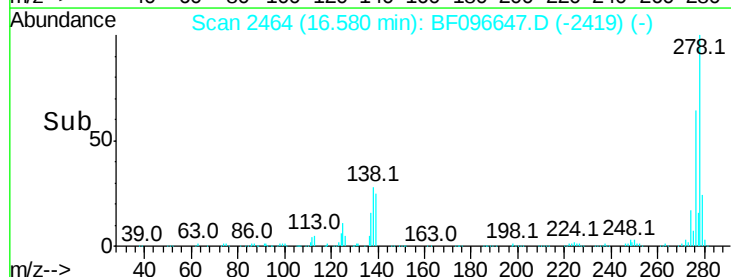


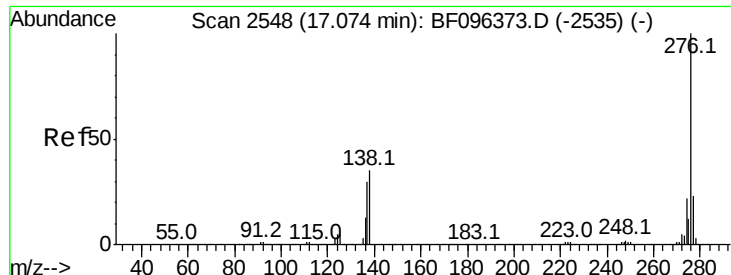
#90
Dibenzo(a,h)anthracene
Concen: 56.077 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.6	24.8
279	23.6	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 59.360 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

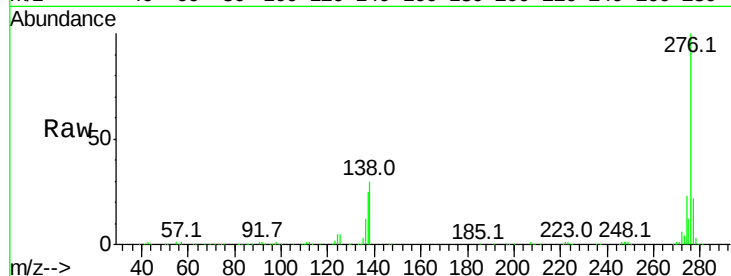
Tot Ion:276 Resp: 453362

Ion Ratio Lower Upper

276 100

277 22.1 18.6 28.0

138 30.0 25.4 38.0



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

