

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096473.D
 Acq On : 5 Jul 2017 10:18
 Operator : SJ/MA
 Sample : PB100369BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Quant Time: Jul 05 13:31:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125925	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	526205	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	243865	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	437656	20.00	ng	0.00
75) Chrysene-d12	13.87	240	285763	20.00	ng	0.00
86) Perylene-d12	15.27	264	243144	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	940727	110.26	ng	0.02
7) Phenol-d6	6.36	99	1159356	110.54	ng	0.00
23) Nitrobenzene-d5	7.27	82	752718	85.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	244200	128.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1209678	84.81	ng	0.00
78) Terphenyl-d14	12.82	244	1014284	75.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	126610	31.30	ng	# 76
3) Pyridine	3.16	79	342929	30.89	ng	# 65
4) n-Nitrosodimethylamine	3.10	42	200498	36.60	ng	# 77
6) Aniline	6.37	93	317981	23.46	ng	# 1
8) 2-Chlorophenol	6.50	128	389987	42.86	ng	98
9) Benzaldehyde	6.25	77	119445	18.20	ng	98
10) Phenol	6.37	94	431387	36.10	ng	87
11) bis(2-Chloroethyl)ether	6.45	93	343823	37.23	ng	90
12) 1,3-Dichlorobenzene	6.66	146	406441	42.61	ng	99
13) 1,4-Dichlorobenzene	6.73	146	373364	39.16	ng	94
14) 1,2-Dichlorobenzene	6.89	146	376514	43.01	ng	97
15) Benzyl Alcohol	6.86	79	317775	45.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	807368	43.01	ng	92
17) 2-Methylphenol	6.97	107	323272	44.58	ng	98
18) Hexachloroethane	7.23	117	144651	41.85	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	258382	41.35	ng	# 85
20) 3+4-Methylphenols	7.13	107	375961	46.49	ng	96
22) Acetophenone	7.12	105	509202	44.29	ng	# 94
24) Nitrobenzene	7.29	77	382641	41.65	ng	94
25) Isophorone	7.54	82	692482	40.79	ng	# 94
26) 2-Nitrophenol	7.61	139	218016	44.84	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	356655	43.08	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	418817	37.37	ng	100
29) 2,4-Dichlorophenol	7.86	162	297455	41.64	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	272685	40.47	ng	98
31) Naphthalene	8.02	128	997762	40.16	ng	100
32) Benzoic acid	7.80	122	291515	41.92	ng	93
33) 4-Chloroaniline	8.06	127	170390	16.51	ng	94
34) Hexachlorobutadiene	8.15	225	141815	41.03	ng	98
35) Caprolactam	8.45	113	106139m	43.09	ng	
36) 4-Chloro-3-methylphenol	8.56	107	315887	39.97	ng	92
37) 2-Methylnaphthalene	8.71	142	685383	43.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	231068	36.49	ng	98
40) Hexachlorocyclopentadiene	8.87	237	281633	91.47	ng	99

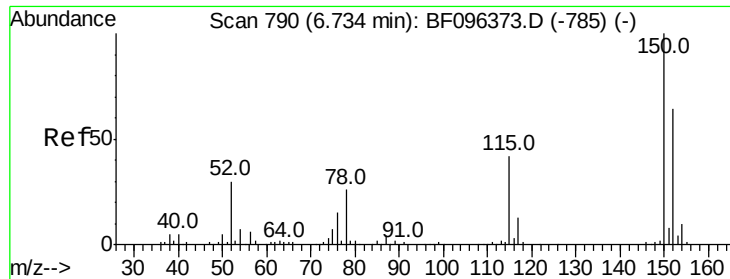
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	194640	38.86	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	200541	40.49	nq	97
45) 1,1'-Biphenyl	9.17	154	764892	36.61	nq	98
46) 2-Chloronaphthalene	9.20	162	604224	38.80	nq	# 93
47) 2-Nitroaniline	9.29	65	215874	38.10	nq	94
48) Acenaphthylene	9.62	152	969438	39.29	nq	99
49) Dimethylphthalate	9.48	163	725871	39.87	nq	100
50) 2,6-Dinitrotoluene	9.54	165	163844	40.70	nq	# 88
51) Acenaphthene	9.79	154	567600	37.32	nq	99
52) 3-Nitroaniline	9.70	138	129112	25.71	nq	89
53) 2,4-Dinitrophenol	9.82	184	168893	78.99	nq	# 76
54) Dibenzofuran	9.96	168	855779	42.62	nq	99
55) 4-Nitrophenol	9.88	139	301599	72.47	nq	# 66
56) 2,4-Dinitrotoluene	9.94	165	221820	43.51	nq	# 84
57) Fluorene	10.30	166	628124	44.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	160917	46.96	nq	97
59) Diethylphthalate	10.18	149	715799	41.60	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	265731	43.07	nq	97
61) 4-Nitroaniline	10.32	138	191125	41.86	nq	90
62) Azobenzene	10.45	77	667090	40.09	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	116860	38.72	nq	# 74
65) n-Nitrosodiphenylamine	10.42	169	588183	38.30	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	172739	40.55	nq	97
67) Hexachlorobenzene	10.85	284	182470	39.12	nq	# 88
68) Atrazine	10.94	200	183735	41.88	nq	95
69) Pentachlorophenol	11.04	266	192733	69.73	nq	99
70) Phenanthrene	11.26	178	961424	40.64	nq	99
71) Anthracene	11.31	178	979023	40.61	nq	99
72) Carbazole	11.46	167	1003346	41.38	nq	98
73) Di-n-butylphthalate	11.80	149	1233178	41.99	nq	98
74) Fluoranthene	12.44	202	1013878	43.71	nq	99
76) Benzidine	12.56	184	239636	17.48	nq	# 94
77) Pyrene	12.67	202	1048747	45.72	nq	99
79) Butylbenzylphthalate	13.29	149	522096	44.96	nq	# 79
80) Benzo(a)anthracene	13.85	228	691415	41.78	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	179806	26.45	nq	98
82) Chrysene	13.89	228	704344	40.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	544359	42.00	nq	100
84) Di-n-octyl phthalate	14.47	149	1035129	40.56	nq	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	563964	41.23	nq	100
87) Benzo(b)fluoranthene	14.87	252	590460	38.76	nq	98
88) Benzo(k)fluoranthene	14.90	252	582199m	42.72	nq	
89) Benzo(a)pyrene	15.22	252	556348	40.90	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	457687	42.77	nq	98
91) Benzo(g,h,i)perylene	17.05	276	484419	43.69	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

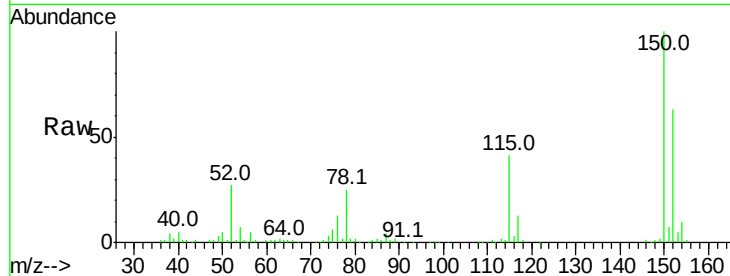
Tot Ion:152 Resp: 125925

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

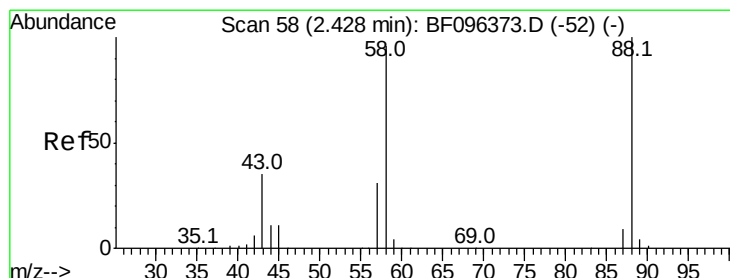
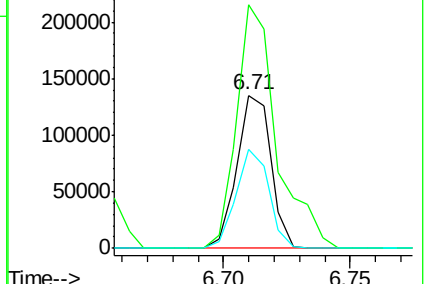
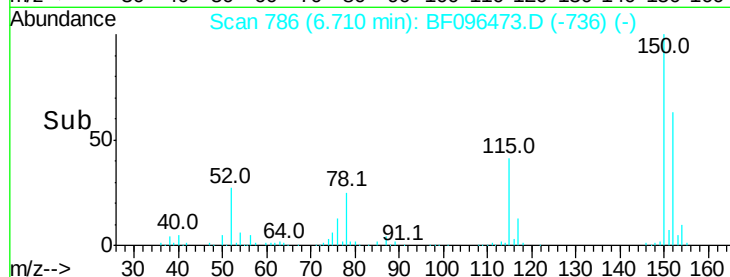
115 64.7 52.2 78.2



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



#2

1,4-Dioxane

Concen: 31.30 ng

RT: 2.46 min Scan# 63

Delta R.T. 0.06 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

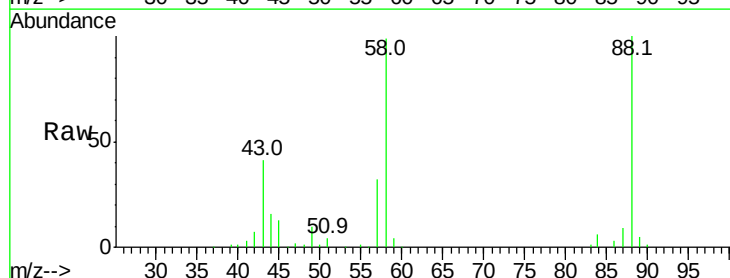
Tgt Ion: 88 Resp: 126610

Ion Ratio Lower Upper

88 100

58 99.8 61.4 92.0#

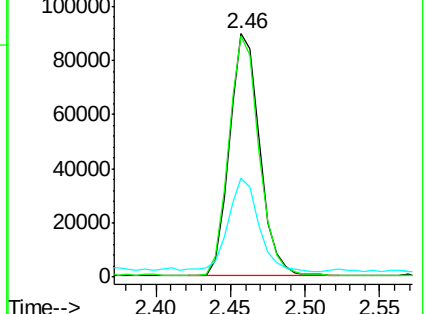
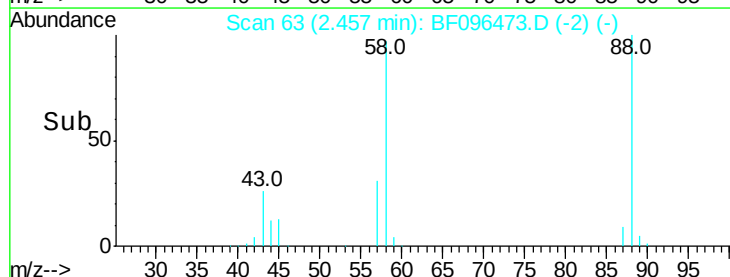
43 38.7 23.4 35.0#

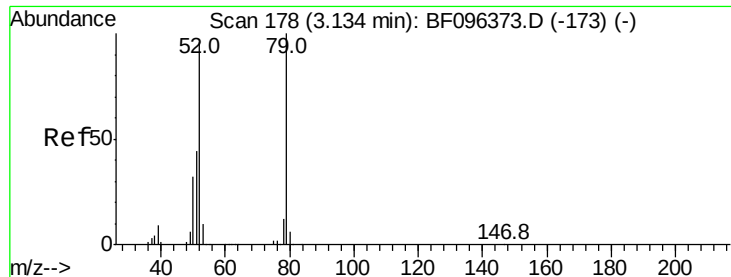


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.89 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.06 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

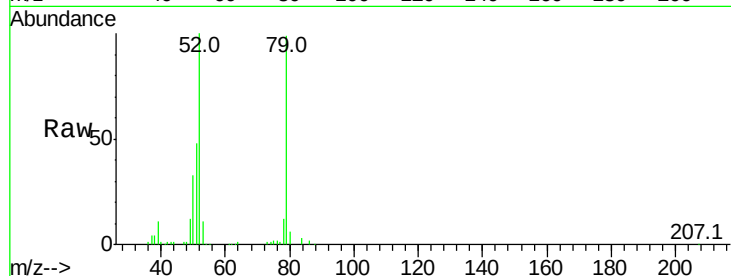
Tot Ion: 79 Resp: 342929

Ion Ratio Lower Upper

79 100

52 100.6 54.8 82.2#

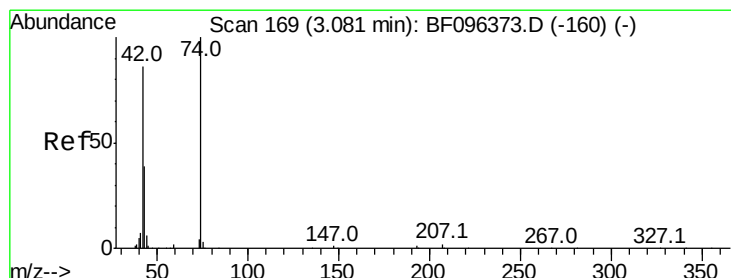
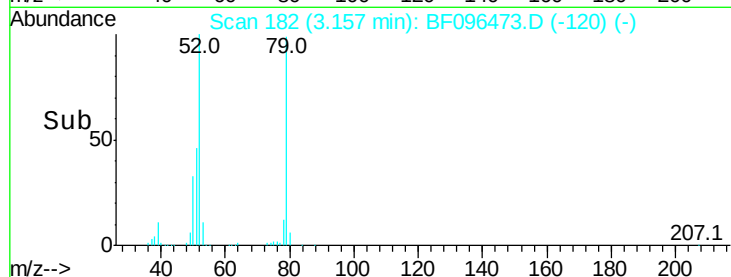
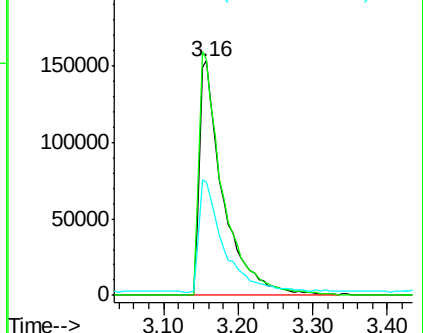
51 48.2 27.0 40.4#



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: 36.60 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.06 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

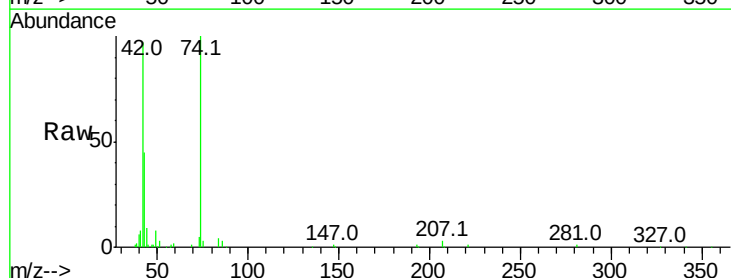
Tgt Ion: 42 Resp: 200498

Ion Ratio Lower Upper

42 100

74 102.6 103.9 155.9#

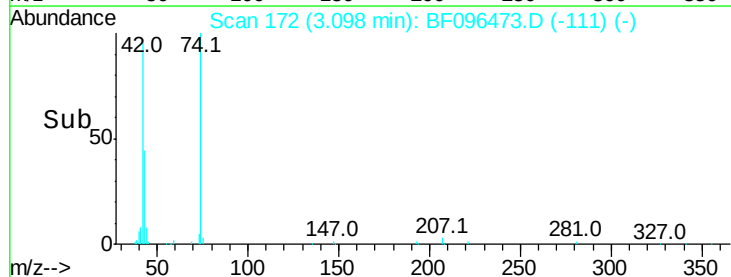
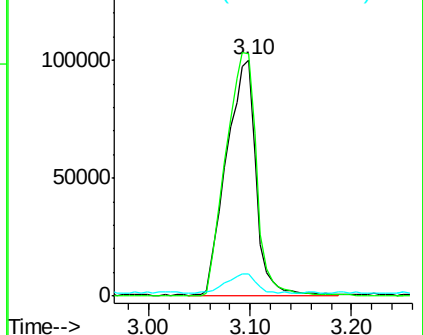
44 9.3 5.7 8.5#

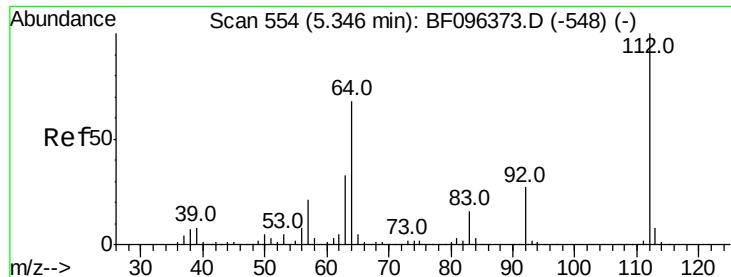


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.26 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

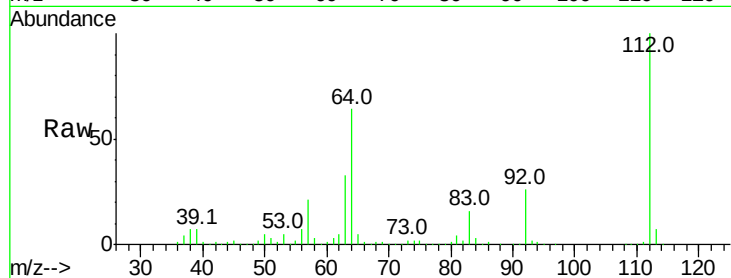
Tot Ion:112 Resp: 940727

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

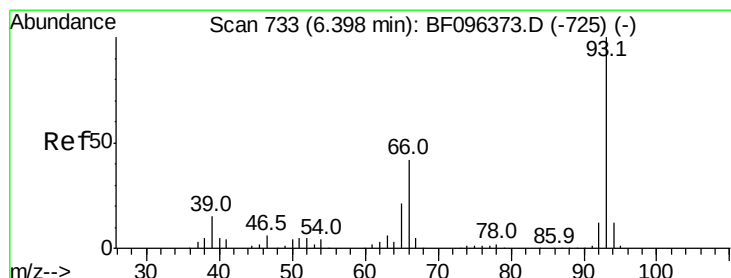
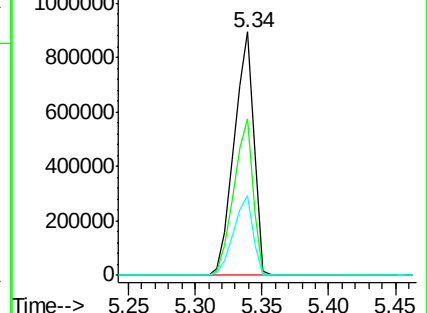
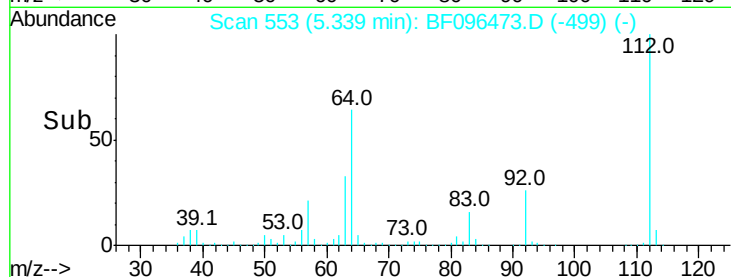
63 32.8 23.4 35.0



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: 23.46 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

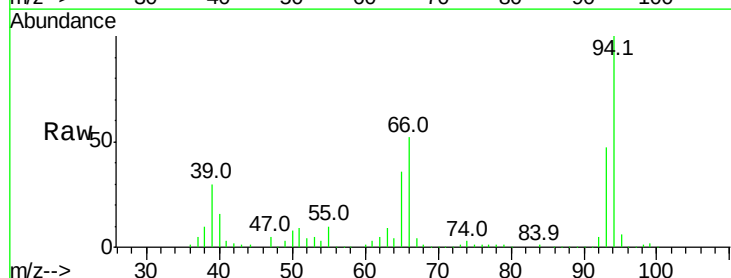
Tgt Ion: 93 Resp: 317981

Ion Ratio Lower Upper

93 100

66 112.2 32.9 49.3#

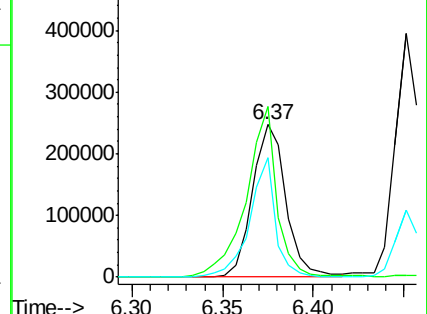
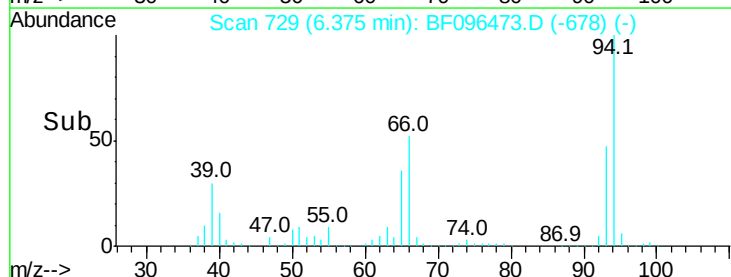
65 78.0 16.0 24.0#

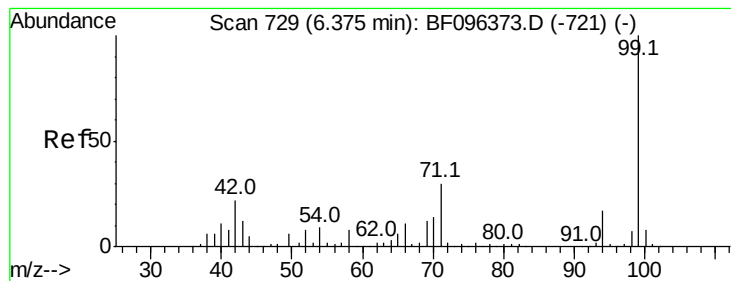


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.54 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

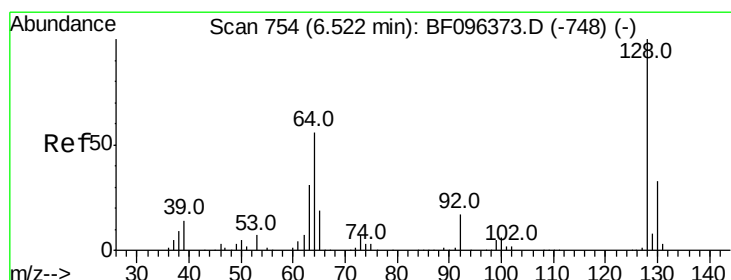
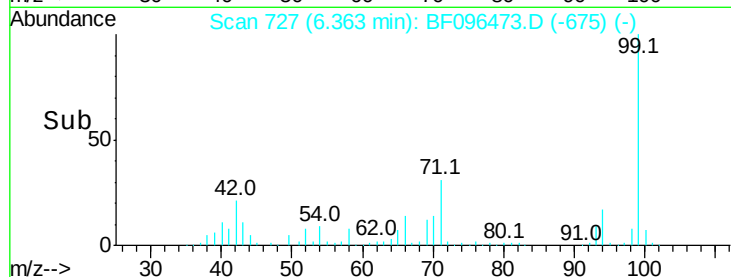
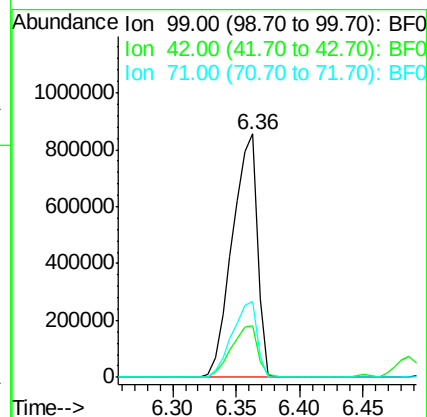
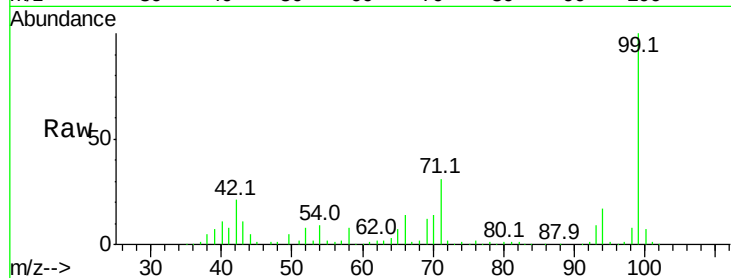
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1159356

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	31.2	24.5	36.7



#8

2-Chlorophenol

Concen: 42.86 ng

RT: 6.50 min Scan# 751

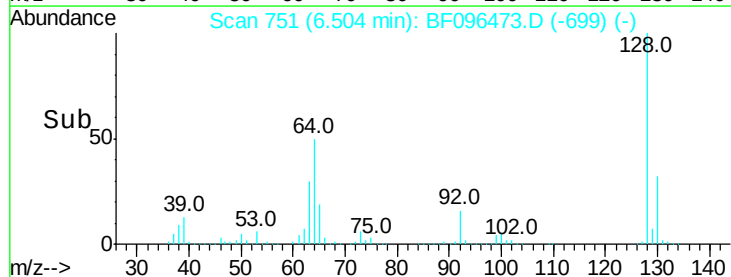
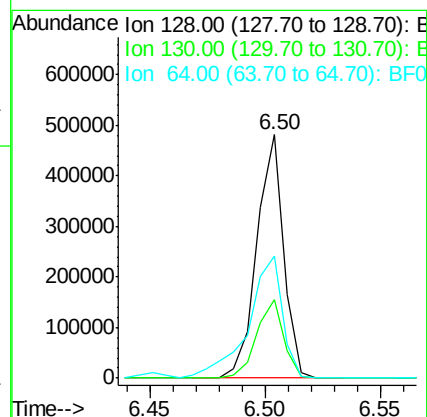
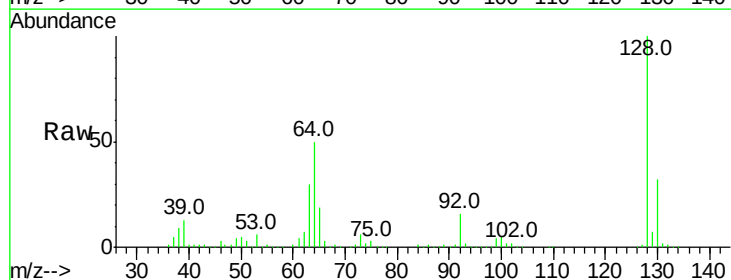
Delta R.T. 0.01 min

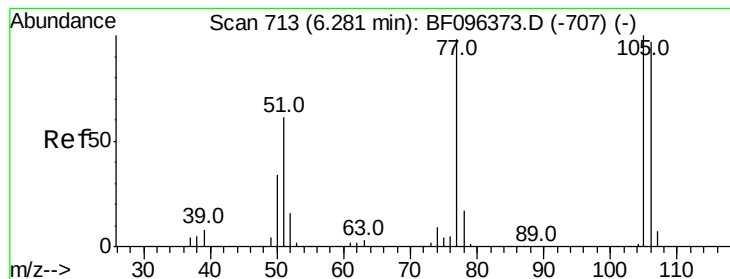
Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Tgt Ion:128 Resp: 389987

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	50.0	28.4	68.4





#9

Benzaldehyde

Concen: 18.20 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

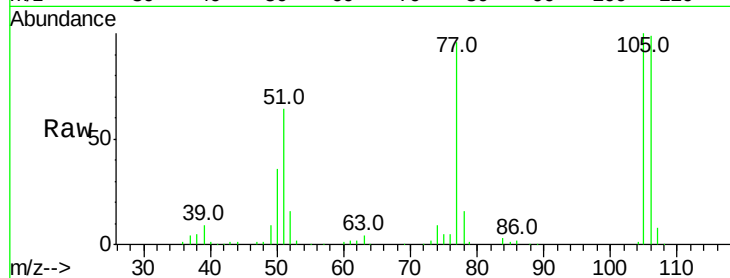
Tot Ion: 77 Resp: 119445

Ion Ratio Lower Upper

77 100

105 103.9 83.8 123.8

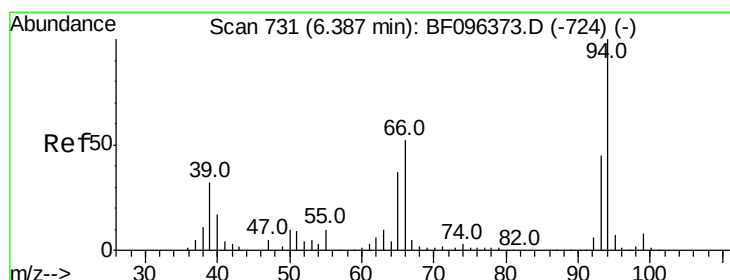
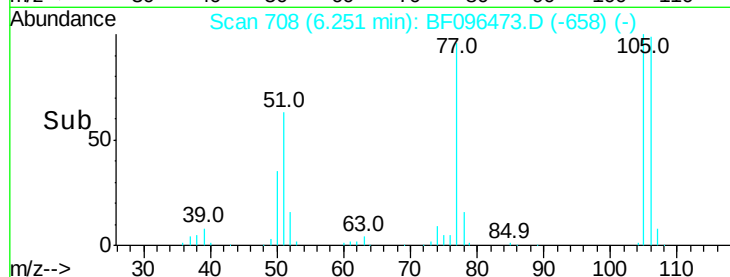
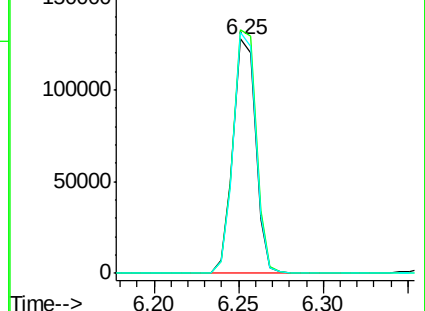
106 102.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.10 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

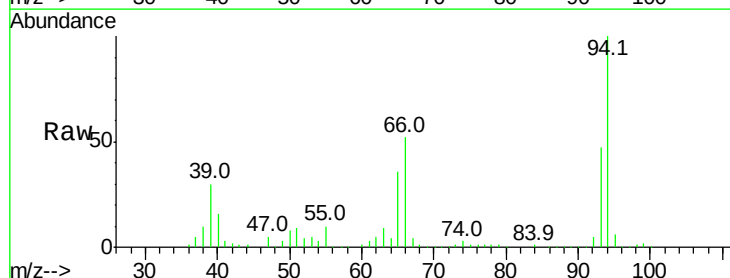
Tgt Ion: 94 Resp: 431387

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

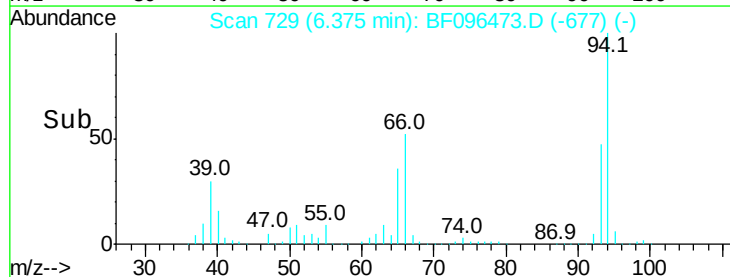
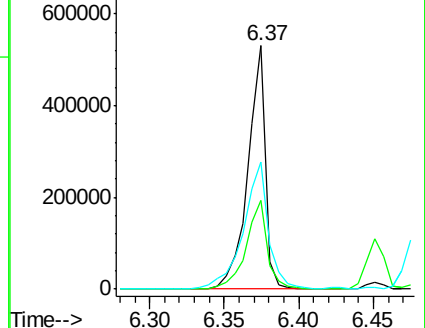
66 52.2 23.1 63.1

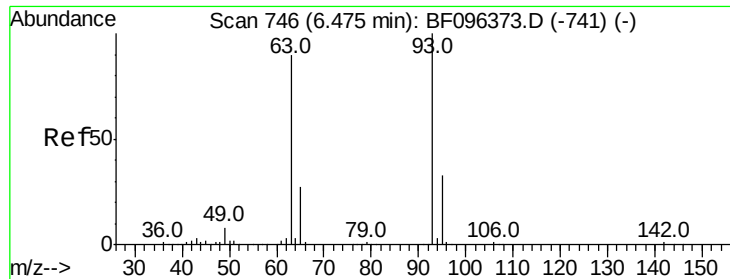


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.23 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

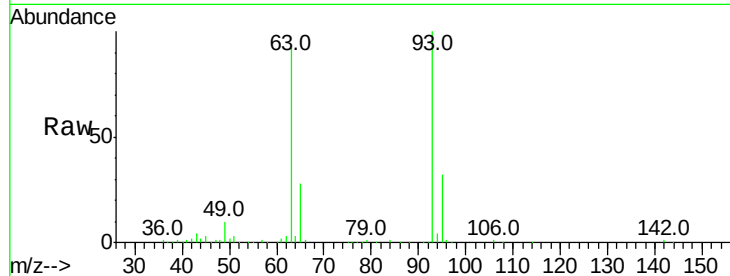
Tot Ion: 93 Resp: 343823

Ion Ratio Lower Upper

93 100

63 91.9 59.2 99.2

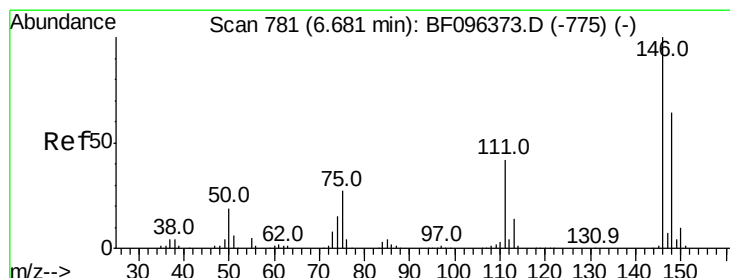
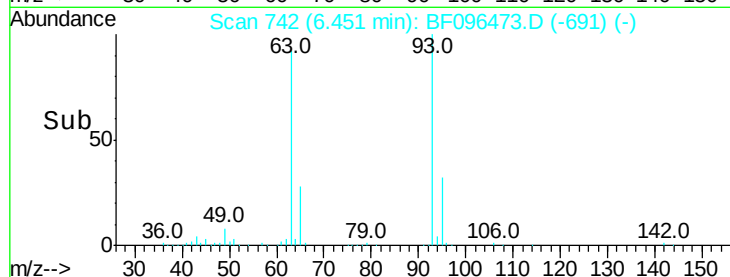
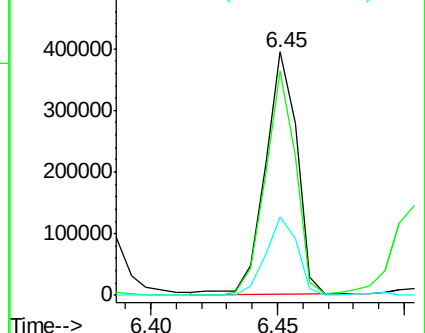
95 32.3 12.8 52.8



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: 42.61 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

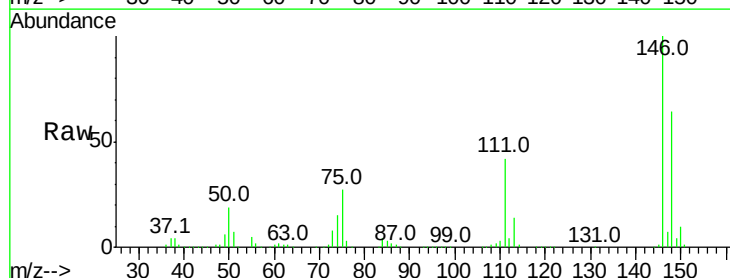
Tgt Ion: 146 Resp: 406441

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

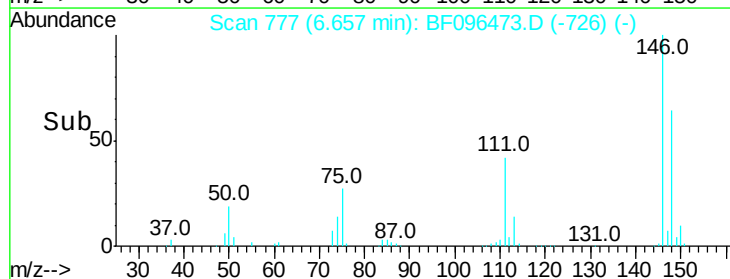
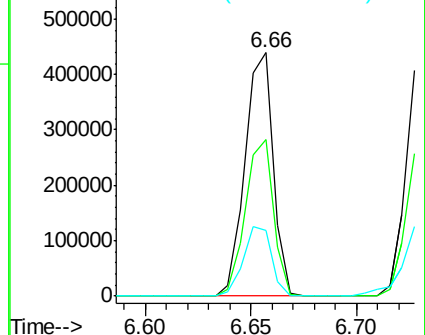
75 26.9 23.1 34.7

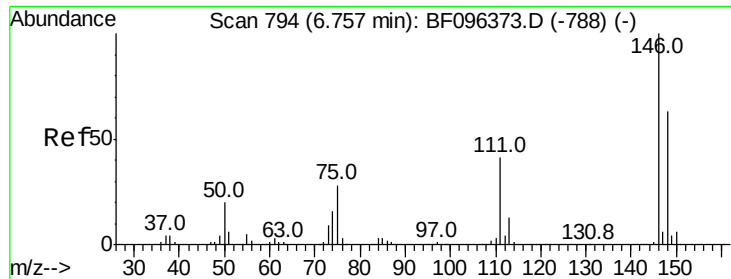


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

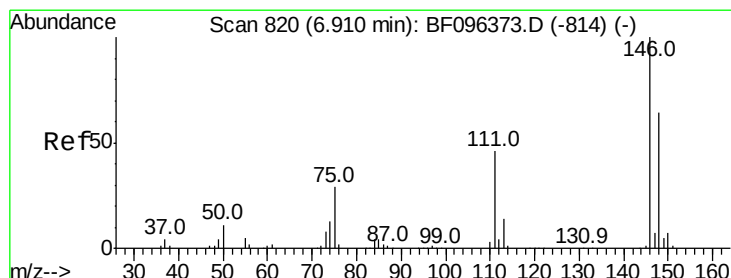
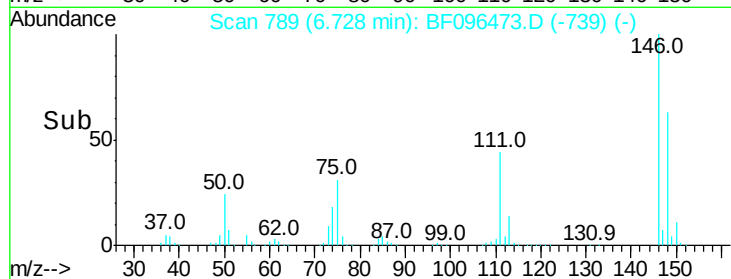
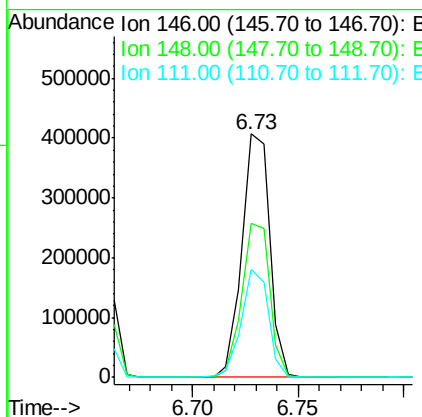
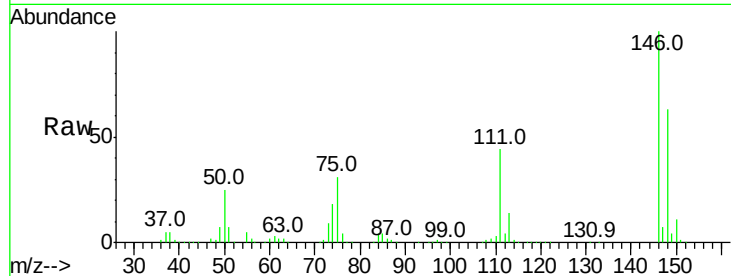




#13
 1,4-Dichlorobenzene
 Concen: 39.16 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

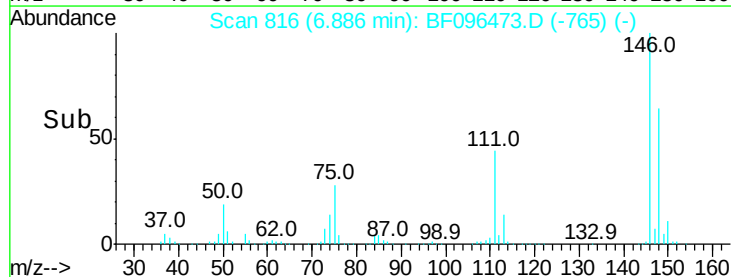
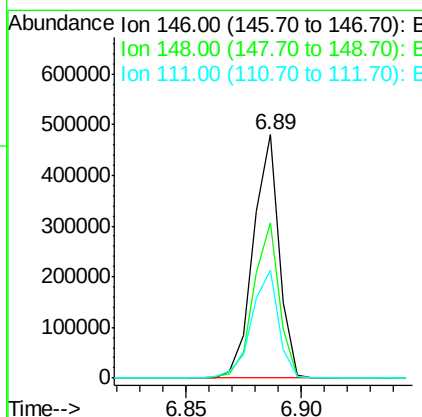
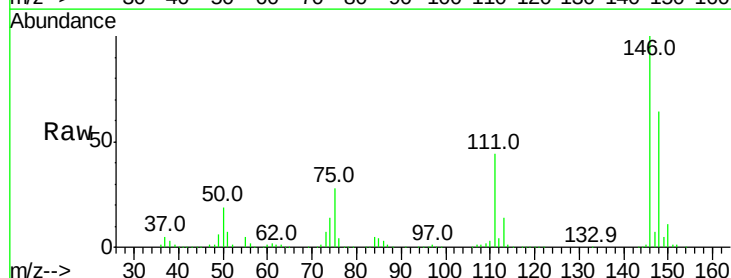
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

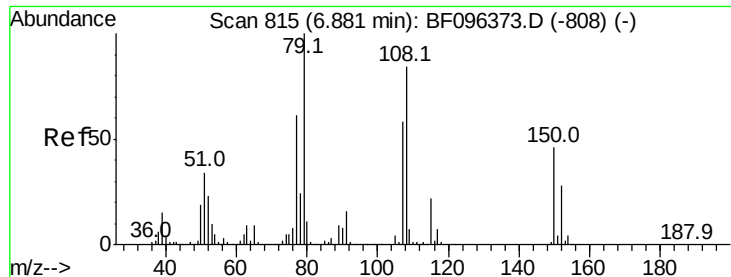
Tot Ion:146 Resp: 373364
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 44.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.01 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:146 Resp: 376514
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 44.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 45.32 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

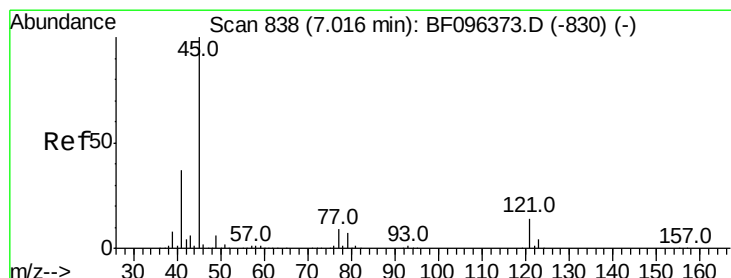
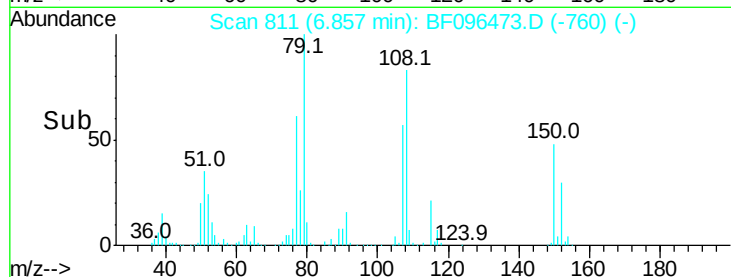
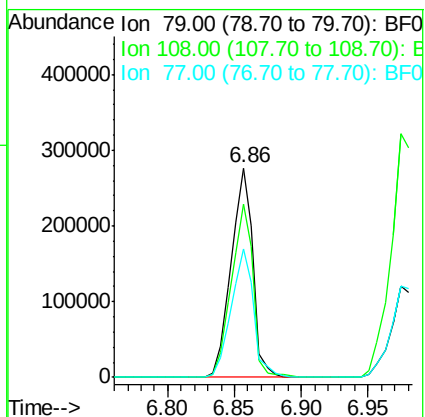
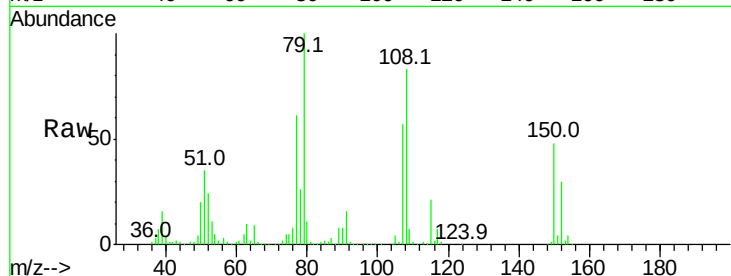
Tot Ion: 79 Resp: 317775

Ion Ratio Lower Upper

79 100

108 82.9 63.4 95.0

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.01 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

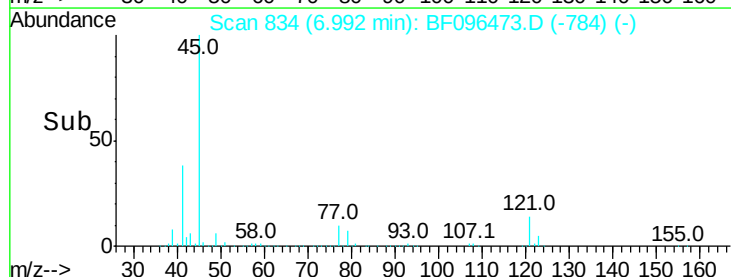
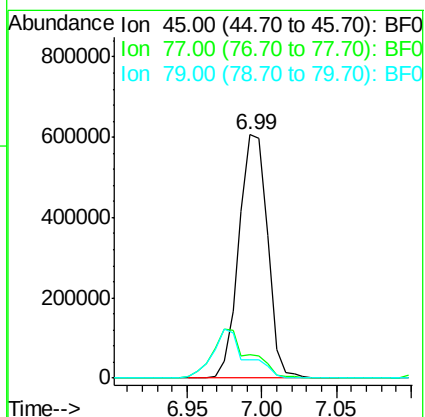
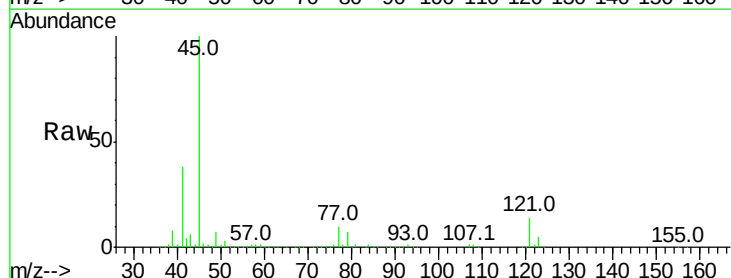
Tgt Ion: 45 Resp: 807368

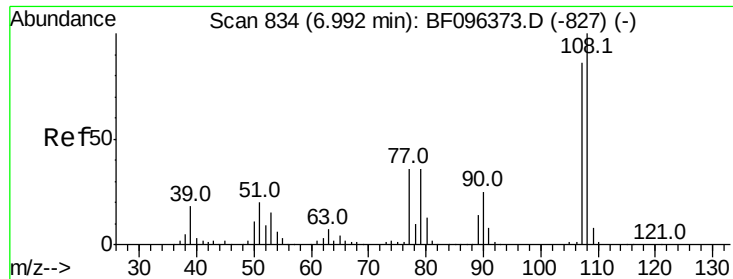
Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

79 7.4 0.0 30.0

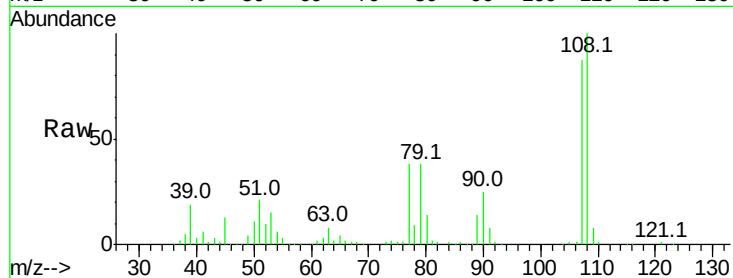




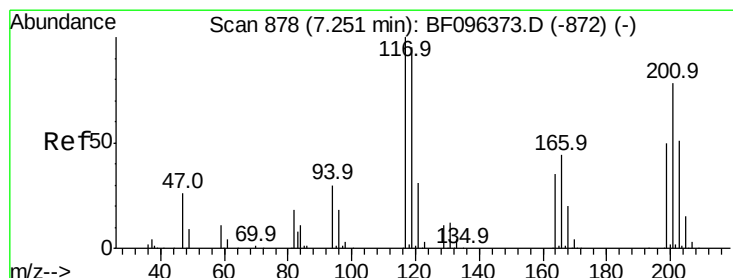
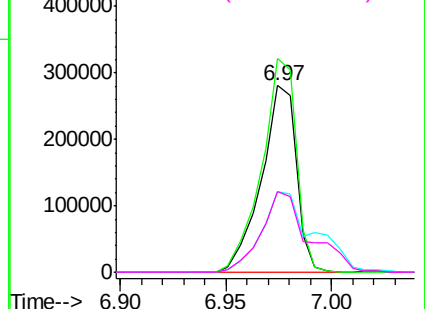
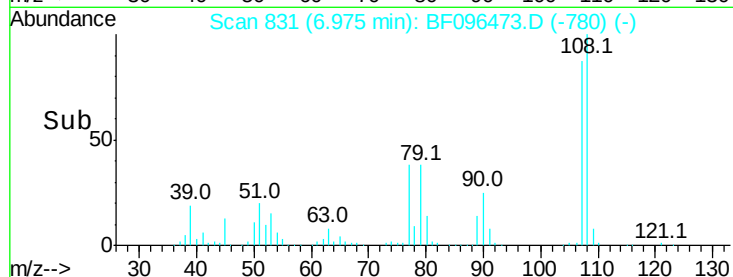
#17
2-Methylphenol
Concen: 44.58 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Instrument :
BNA_F
ClientSampleId :
PB100369BS

Tot Ion:107 Resp: 323272
Ion Ratio Lower Upper
107 100
108 114.3 93.4 140.0
77 43.0 35.8 53.6
79 42.9 34.8 52.2

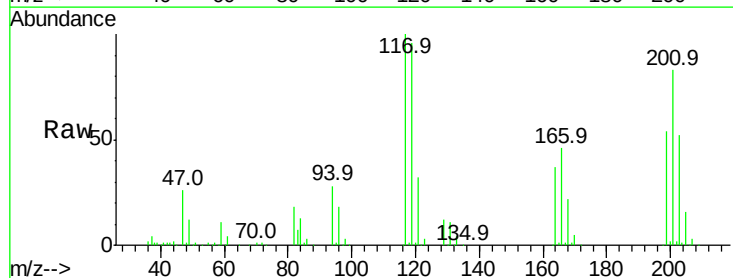


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

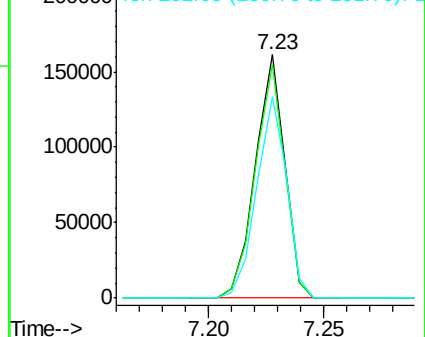
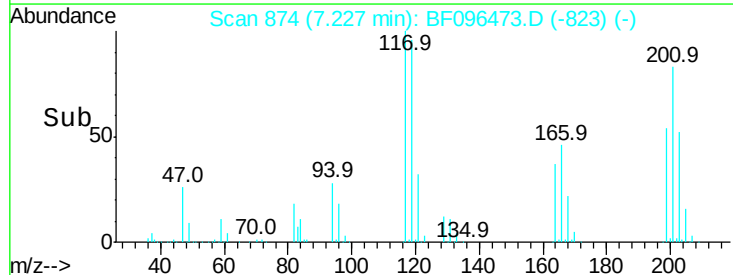


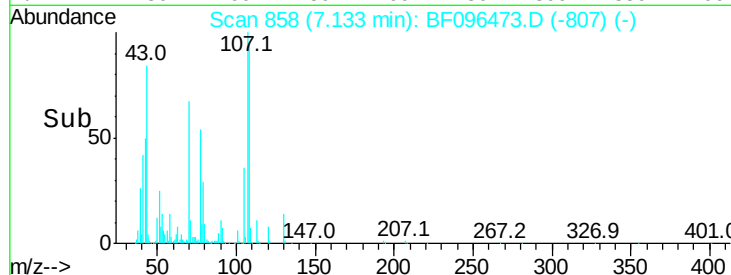
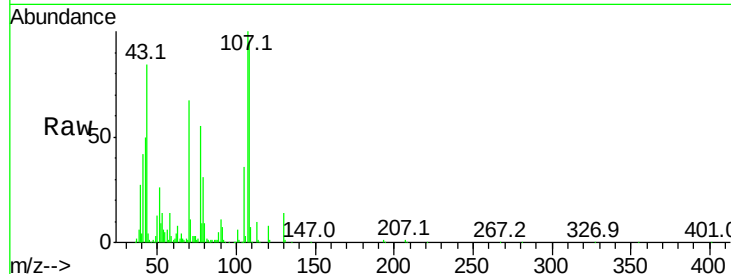
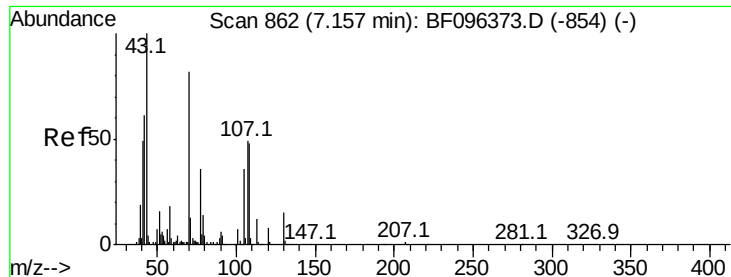
#18
Hexachloroethane
Concen: 41.85 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:117 Resp: 144651
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 82.6 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

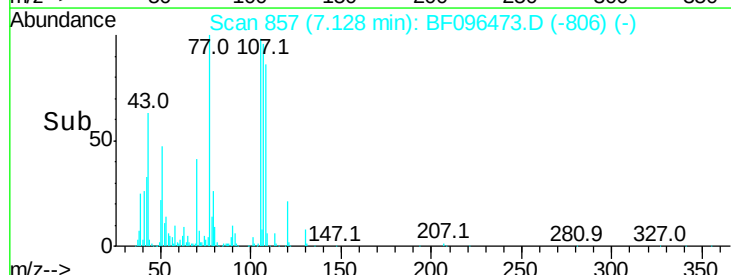
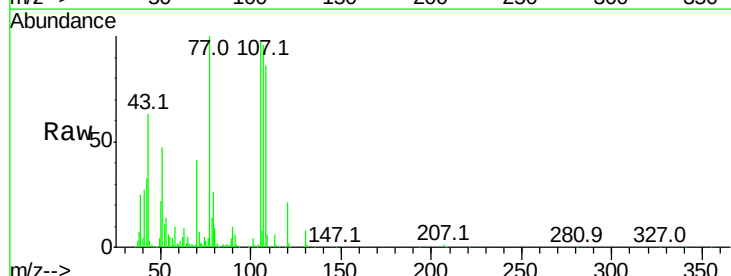
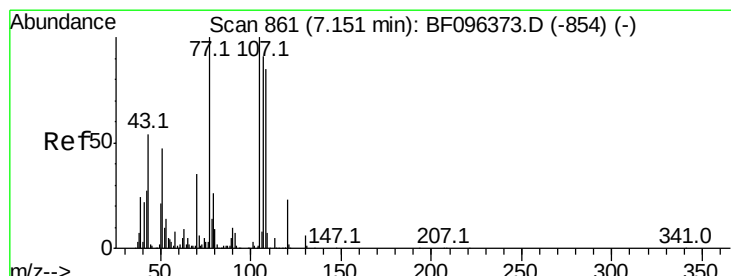
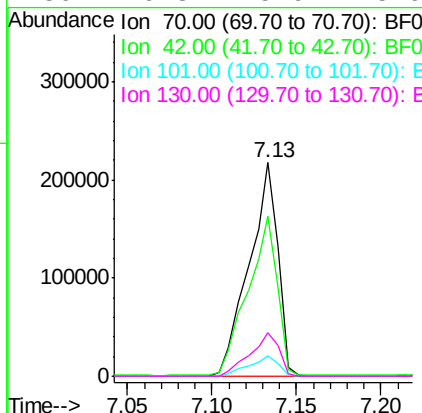




#19
n-Nitroso-di-n-propylamine
Concen: 41.35 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

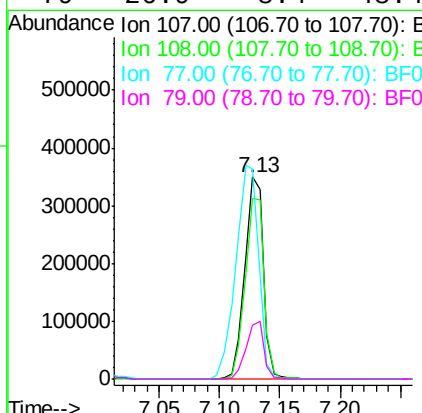
Instrument :
BNA_F
ClientSampleId :
PB100369BS

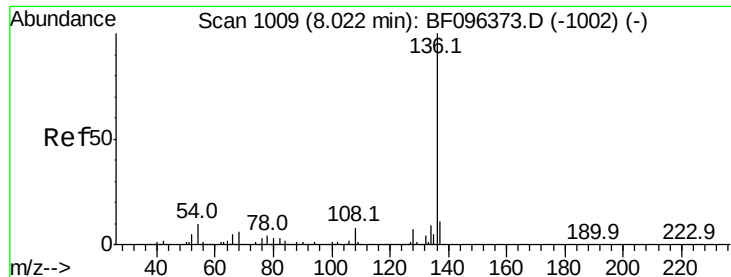
Tot Ion:	70	Resp:	258382
Ion	Ratio	Lower	Upper
70	100		
42	74.8	47.2	70.8#
101	9.6	7.2	10.8
130	20.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.49 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:	107	Resp:	375961
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	104.3	90.5	130.5
79	26.9	8.4	48.4

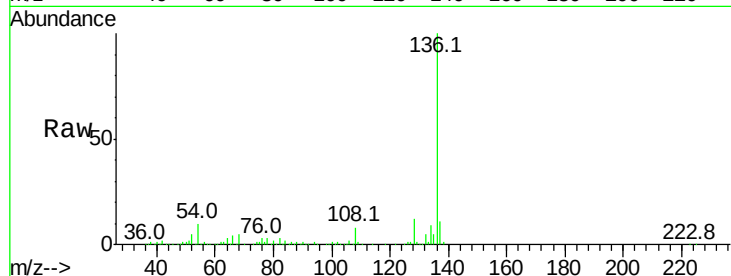




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Instrument :
BNA_F
ClientSampleId :
PB100369BS

Tot Ion:	136	Resp:	526205
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	4.8	4.1	6.1



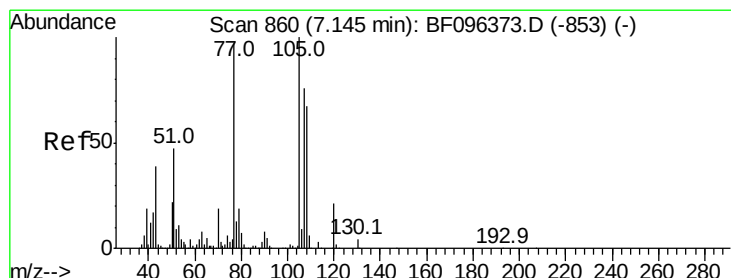
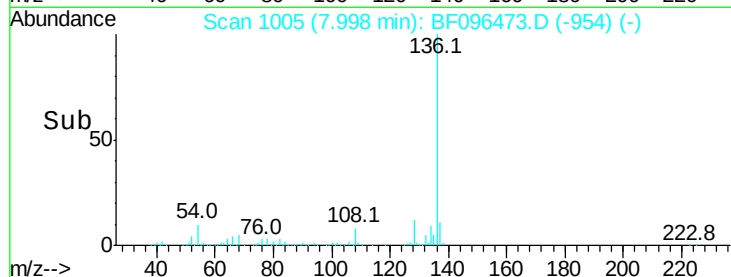
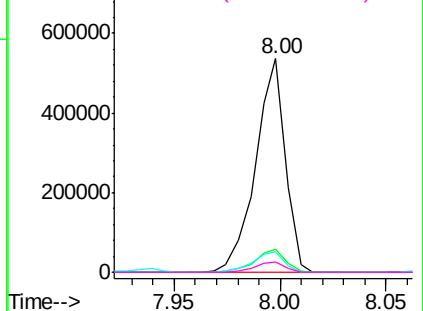
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

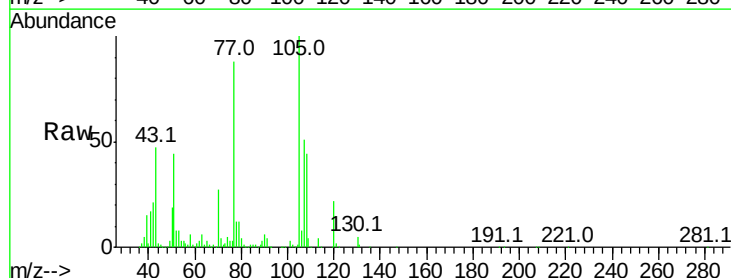
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 44.29 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:	105	Resp:	509202
Ion	Ratio	Lower	Upper
105	100		
71	4.4	2.8	4.2#
51	43.9	30.7	46.1
120	21.8	17.4	26.0



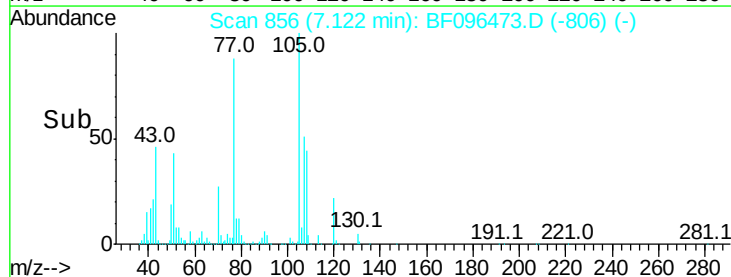
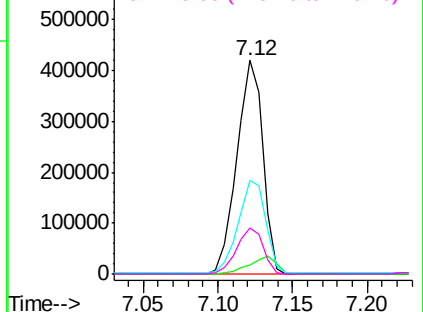
Abundance

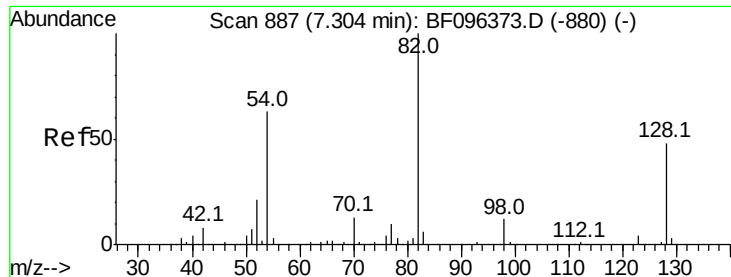
Ion 105.00 (104.70 to 105.70): E

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

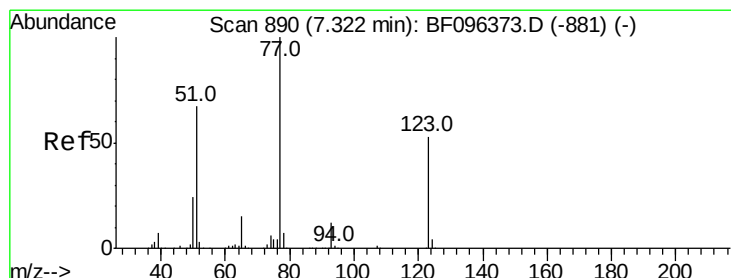
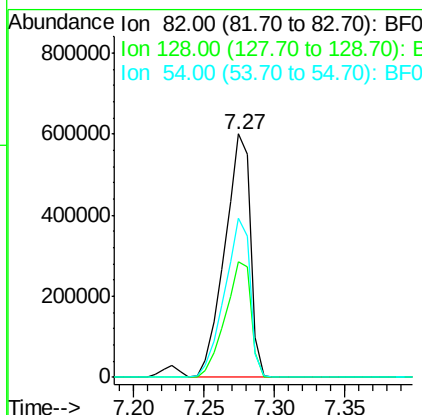
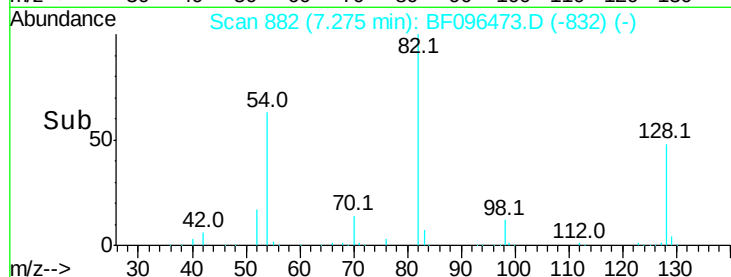
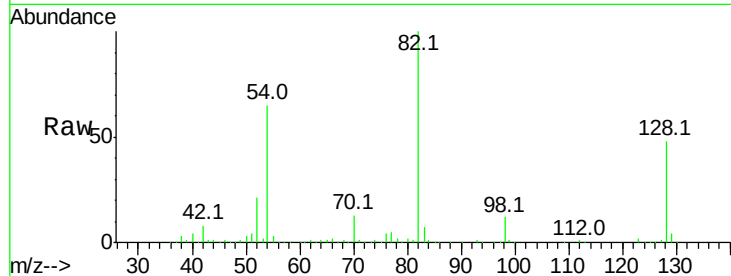




#23
 Nitrobenzene-d5
 Concen: 85.96 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

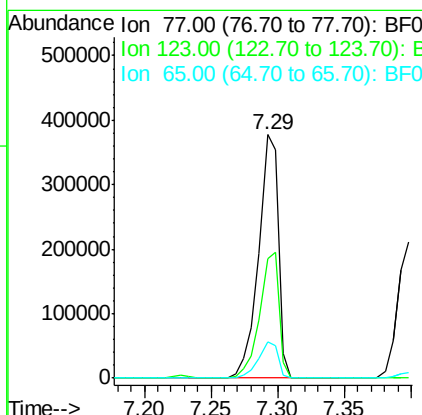
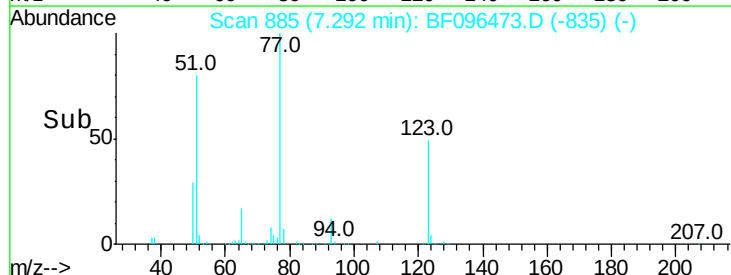
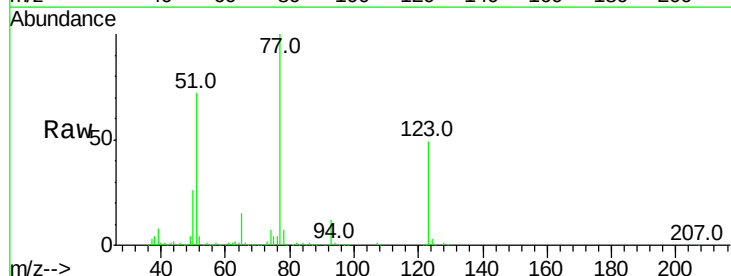
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

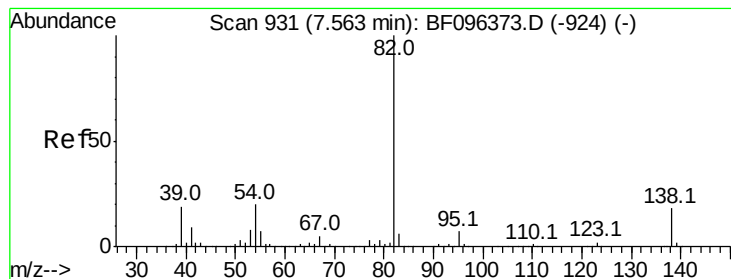
Tot Ion: 82 Resp: 752718
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 65.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.65 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion: 77 Resp: 382641
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 40.79 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

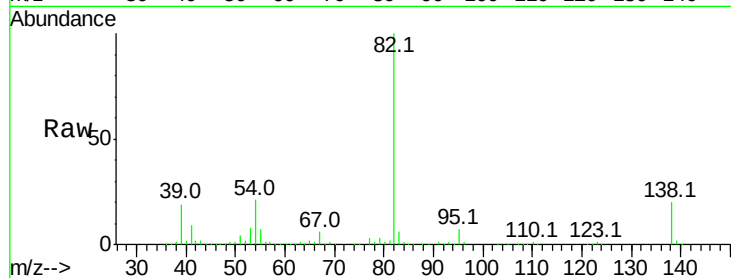
Tot Ion: 82 Resp: 692482

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

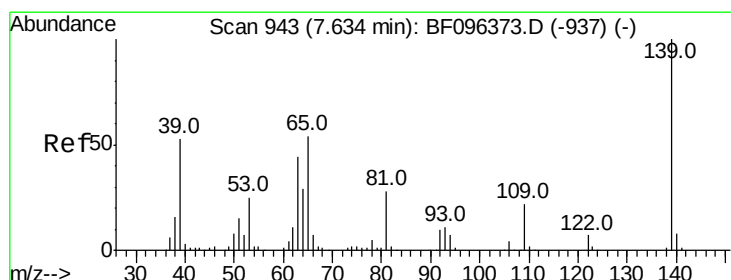
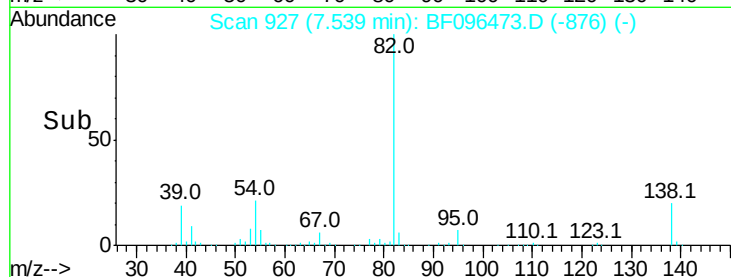
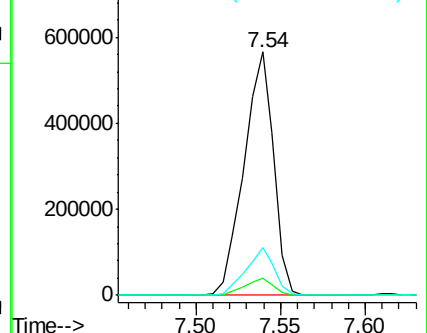
138 19.8 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.84 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

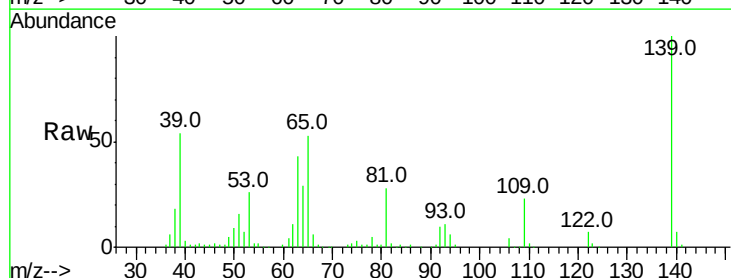
Tgt Ion:139 Resp: 218016

Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.6

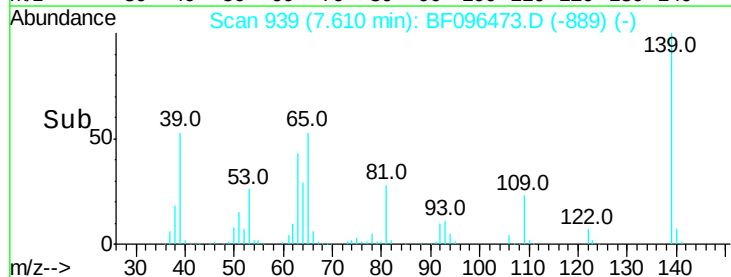
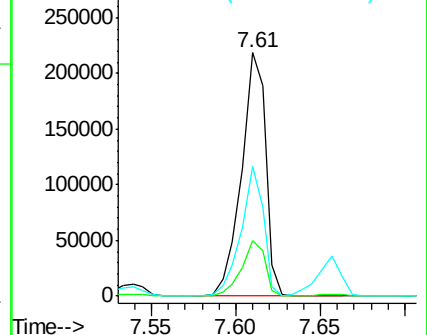
65 53.3 33.0 49.6#

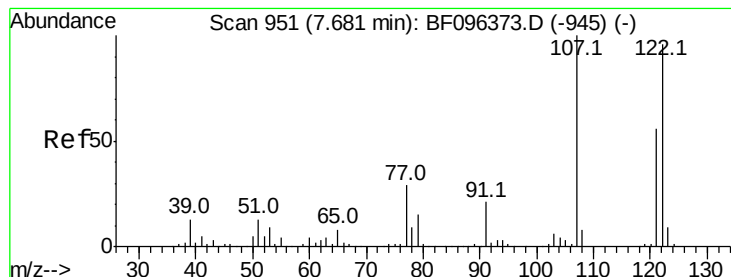


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.08 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

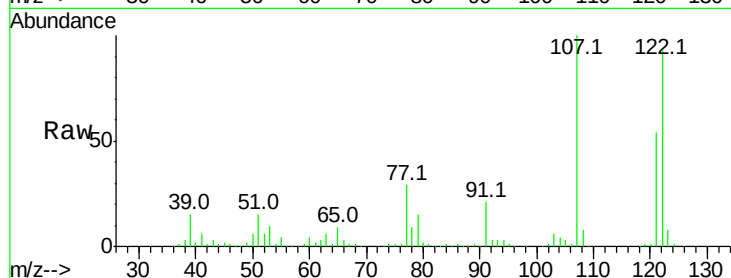
Tot Ion:122 Resp: 356655

Ion Ratio Lower Upper

122 100

107 107.1 89.2 133.8

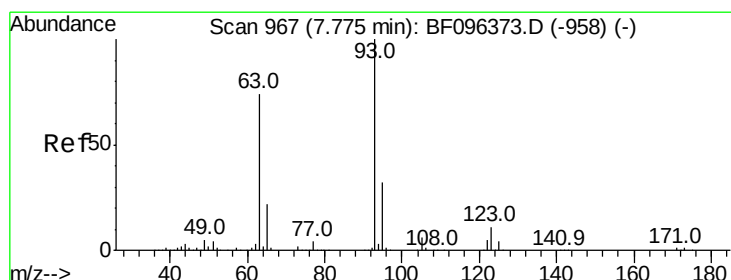
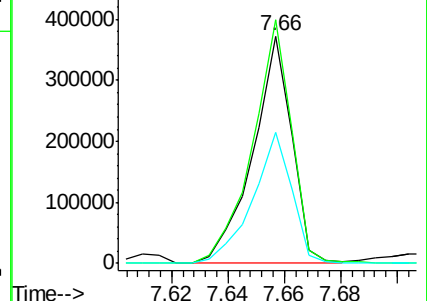
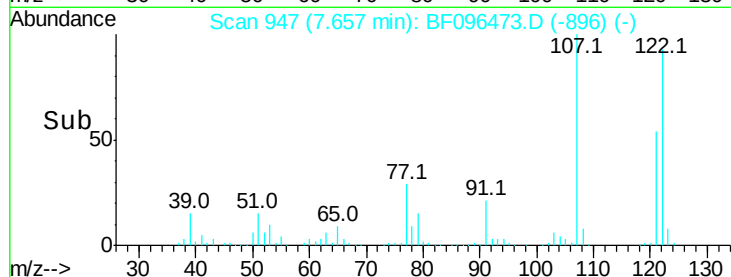
121 57.6 45.2 67.8



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: 37.37 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

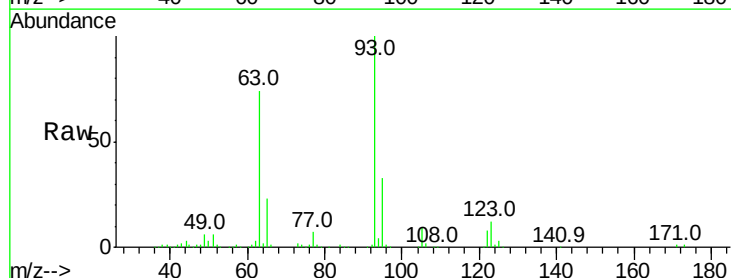
Tgt Ion: 93 Resp: 418817

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

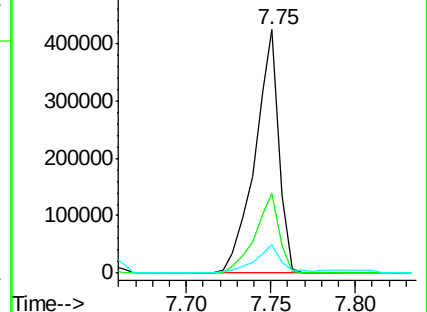
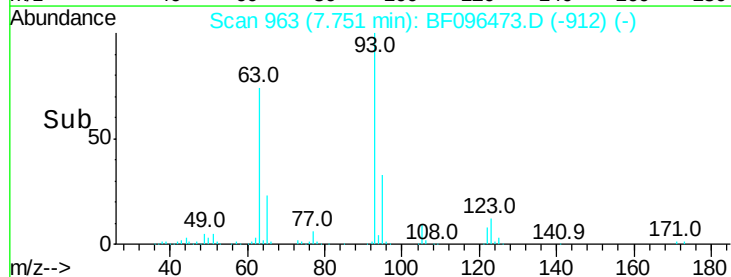
123 11.8 9.0 13.4

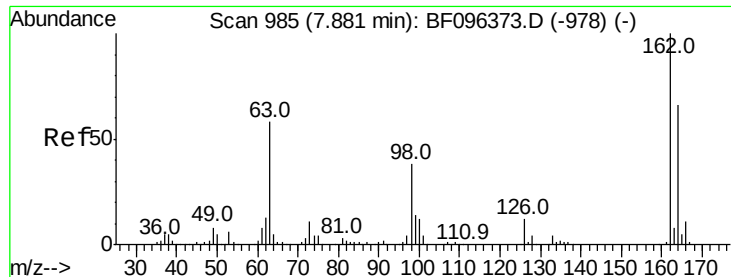


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

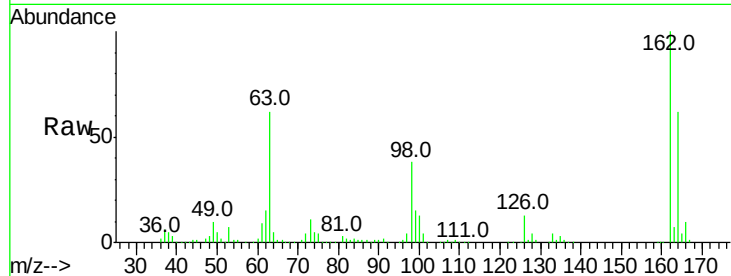




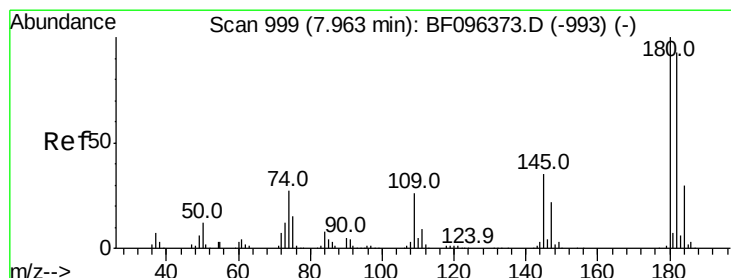
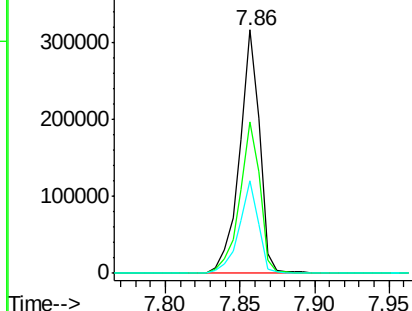
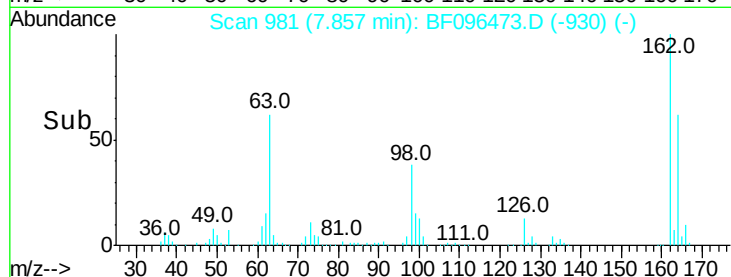
#29
 2,4-Dichlorophenol
 Concen: 41.64 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	37.8	14.8	54.8

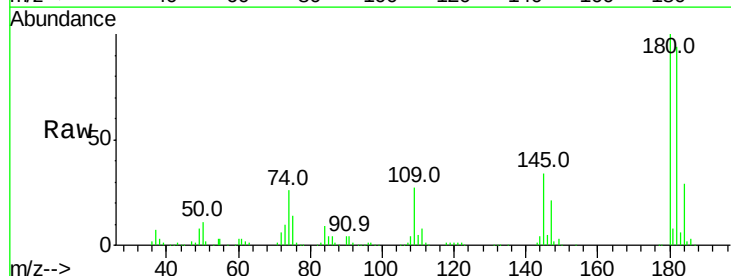


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

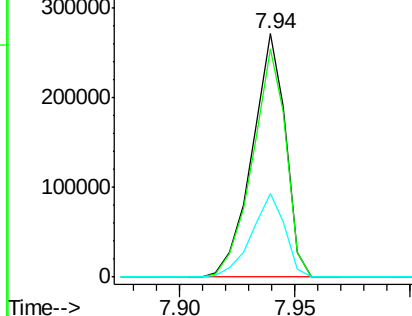
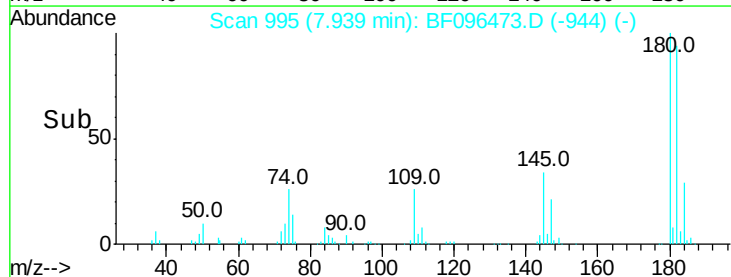


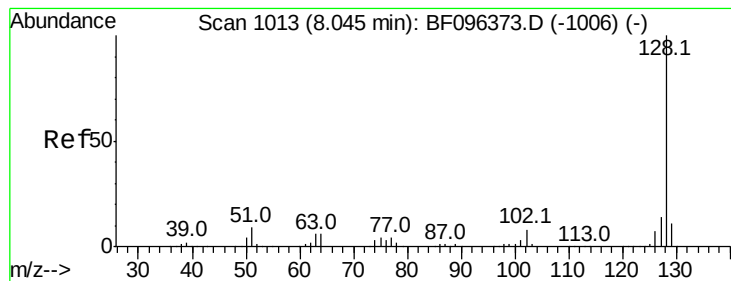
#30
 1,2,4-Trichlorobenzene
 Concen: 40.47 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	34.1	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: 40.16 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

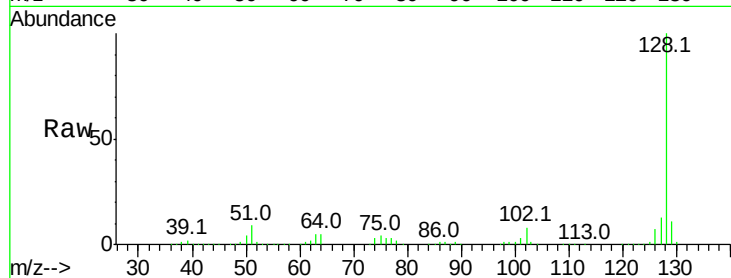
Tot Ion:128 Resp: 997762

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

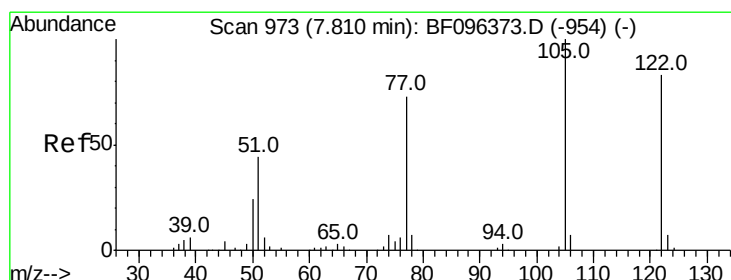
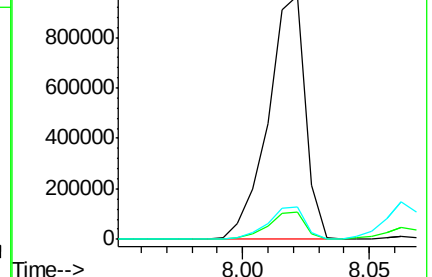
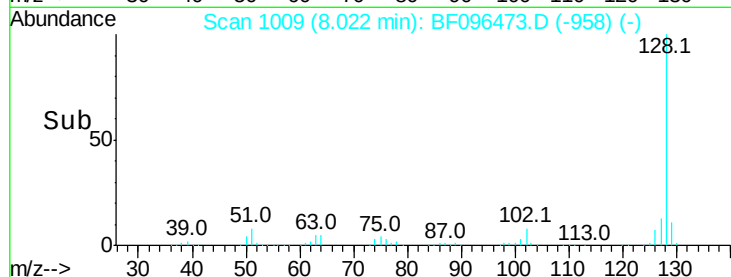
127 13.3 10.8 16.2



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: 41.92 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

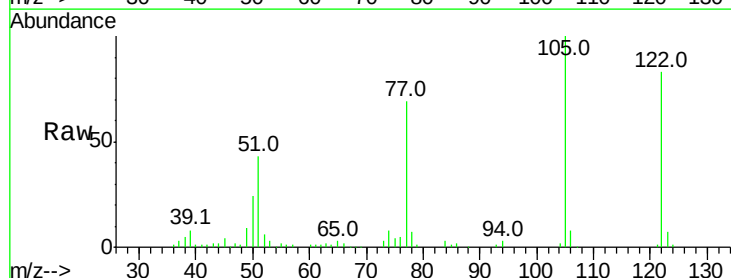
Tgt Ion:122 Resp: 291515

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

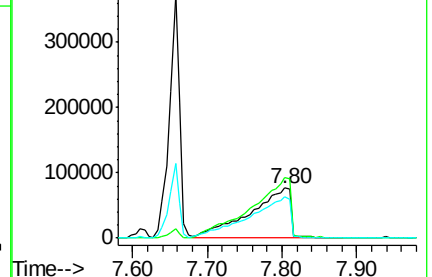
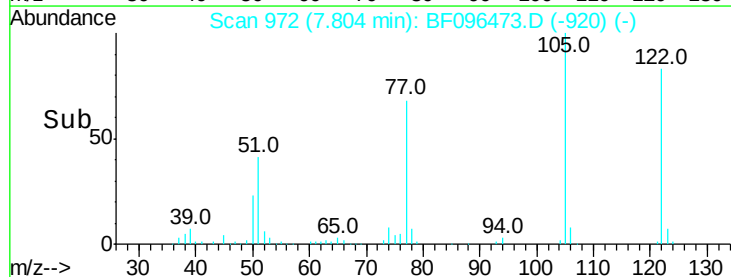
77 82.6 73.7 113.7

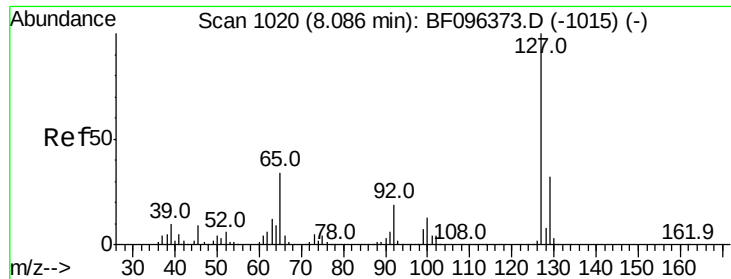


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

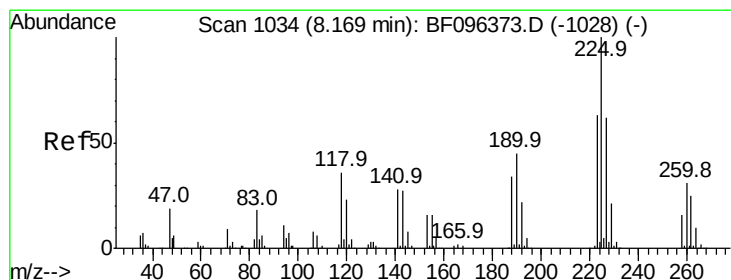
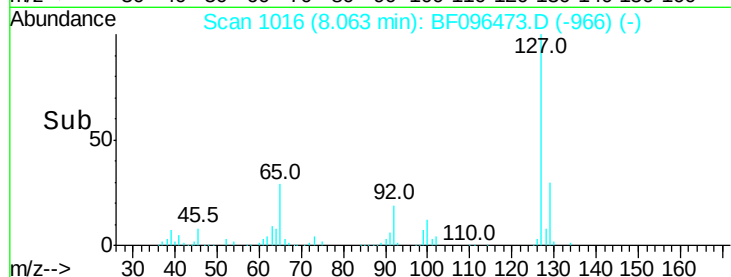
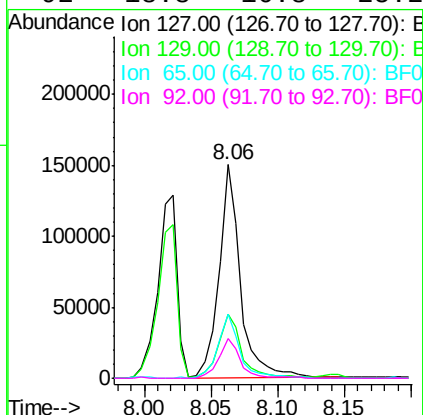
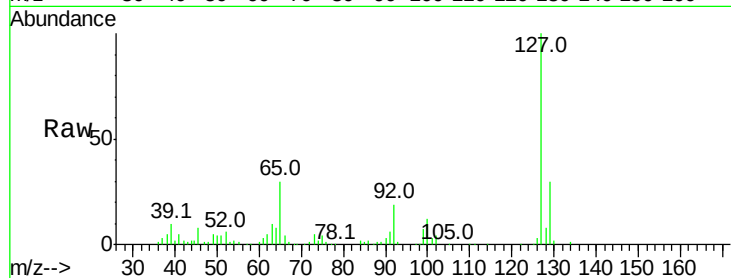




#33
4-Chloroaniline
Concen: 16.51 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

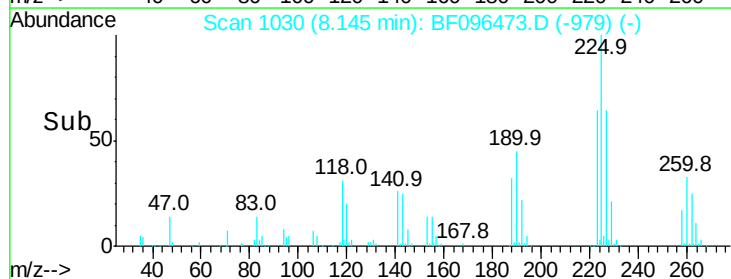
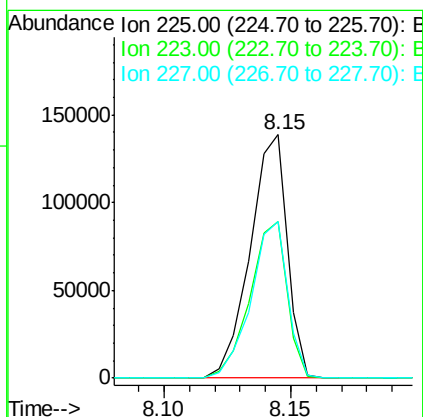
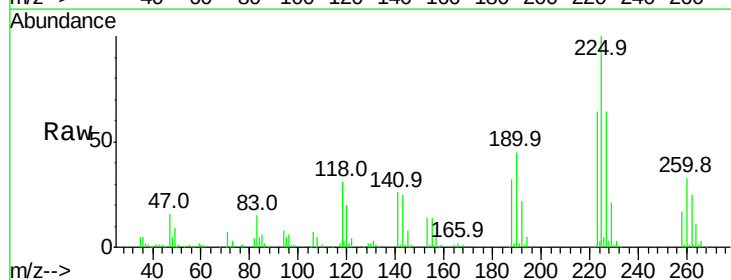
Instrument :
BNA_F
ClientSampleId :
PB100369BS

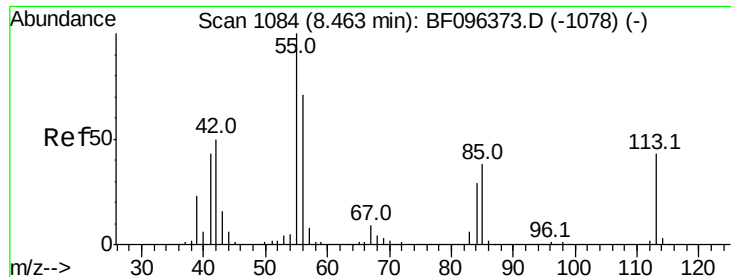
Tot Ion:	127	Resp:	170390
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	30.1	27.8	41.8
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:	225	Resp:	141815
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	64.1	51.1	76.7





#35

Caprolactam

Concen: 43.09 ng/mL

RT: 8.45 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleID :

PB100369BS

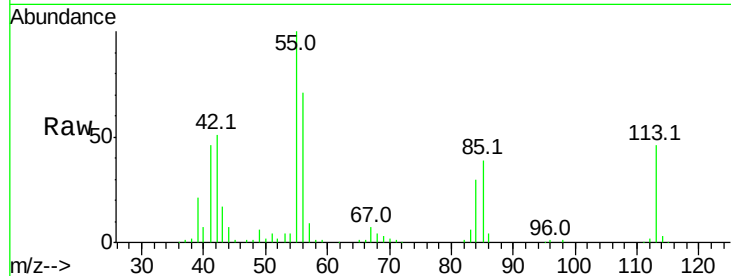
Tot Ion:113 Resp: 106139

Ion Ratio Lower Upper

113 100

55 216.0 150.2 190.2#

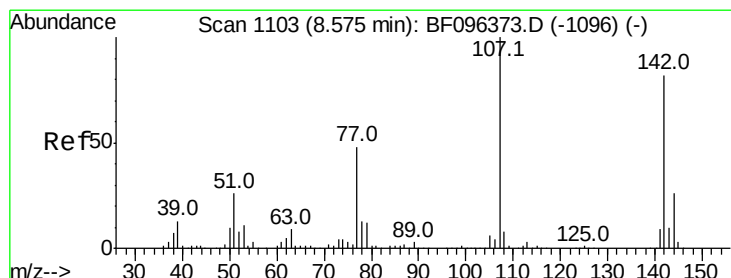
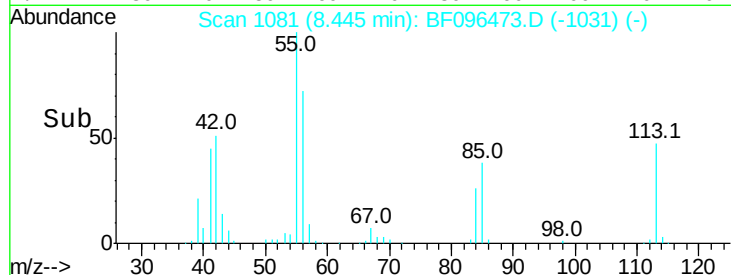
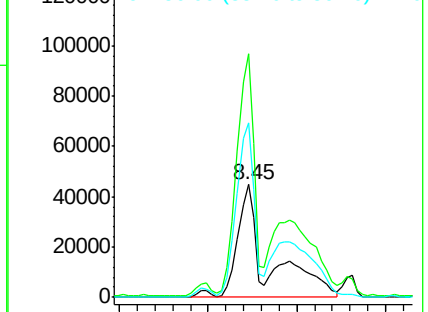
56 154.4 107.8 147.8#



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: 39.97 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

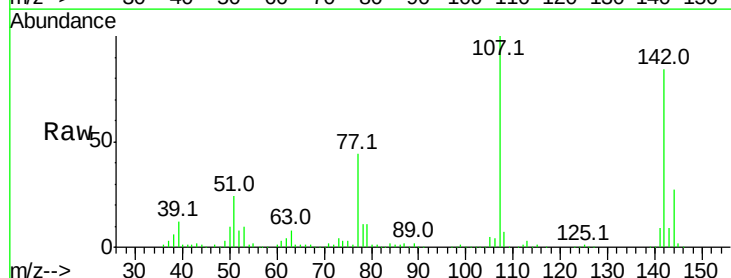
Tgt Ion:107 Resp: 315887

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

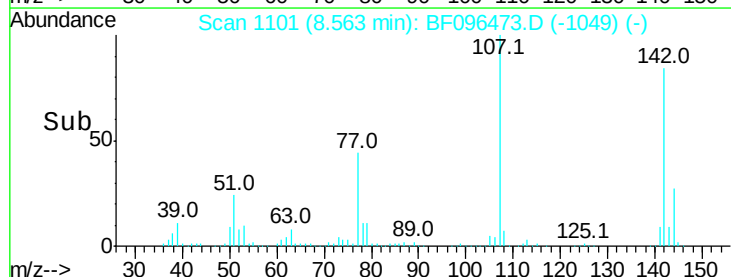
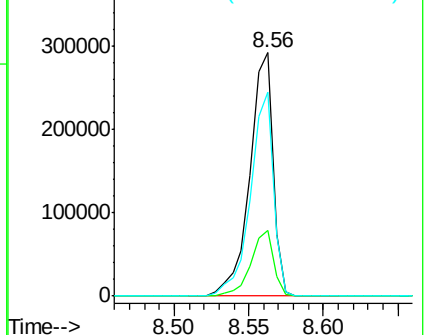
142 83.9 73.4 110.0

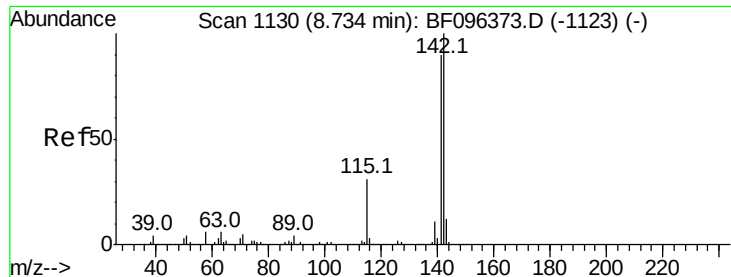


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

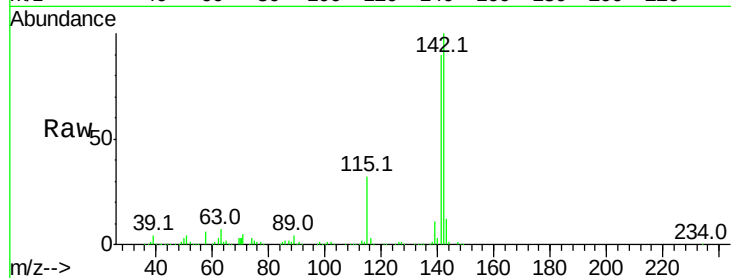




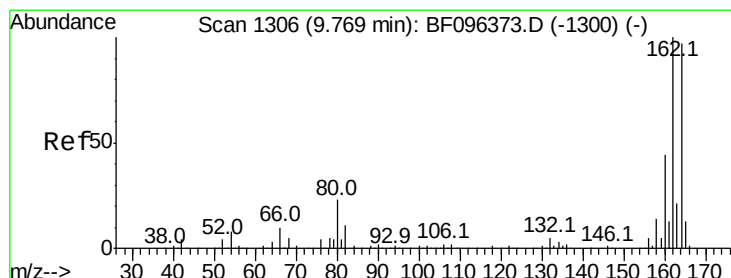
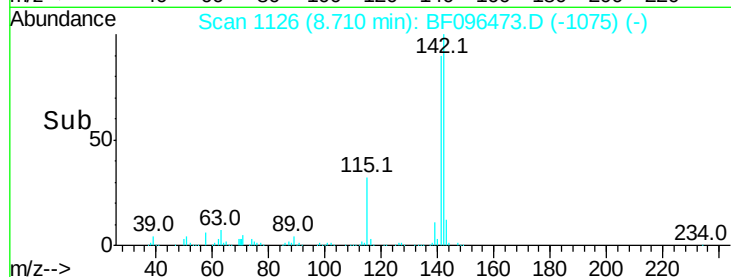
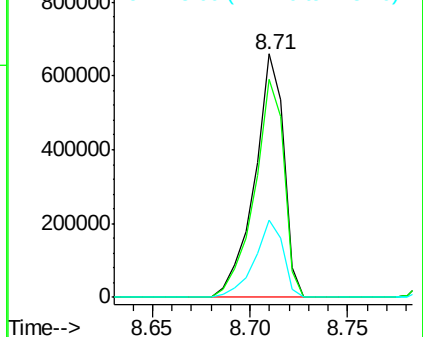
#37
2-Methylnaphthalene
Concen: 43.34 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Instrument :
BNA_F
ClientSampleId :
PB100369BS

Tot Ion:142 Resp: 685383
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 31.9 27.1 40.7

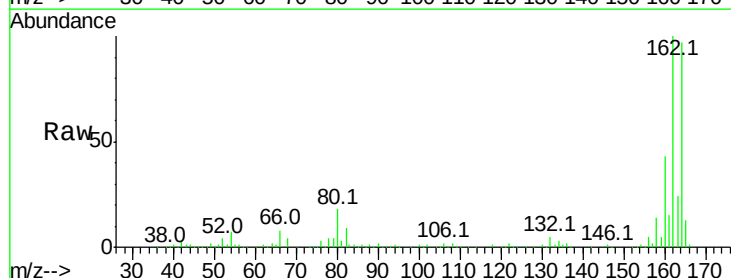


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

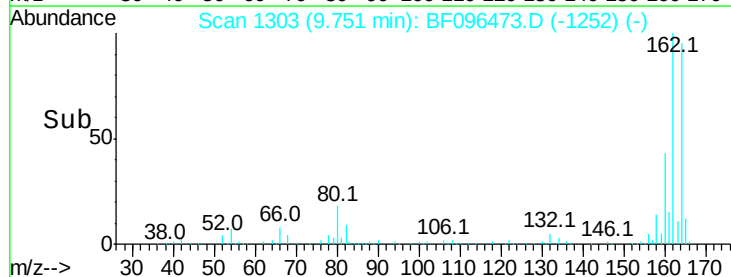
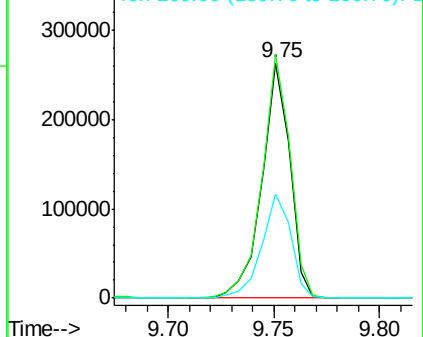


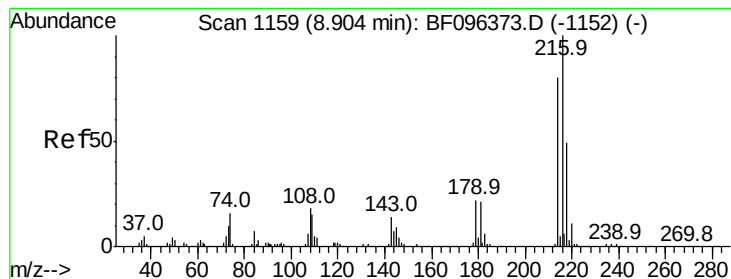
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:164 Resp: 243865
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 44.4 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: 36.49 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

Tot Ion:216 Resp: 231068

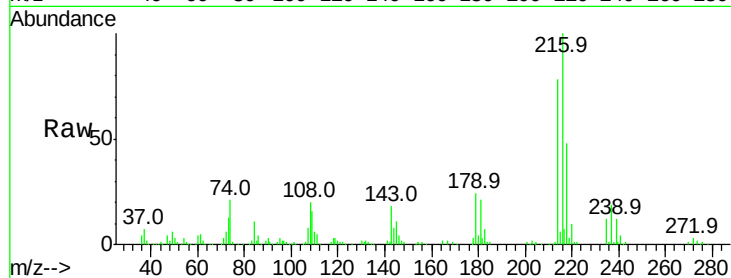
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 23.1 17.9 26.9

108 22.9 16.5 24.7

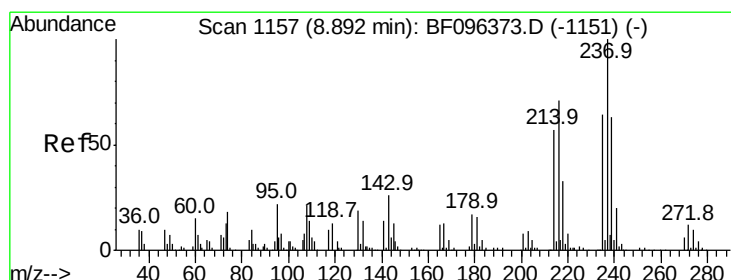
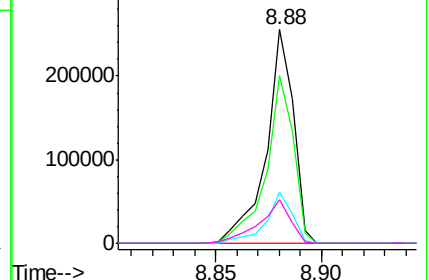
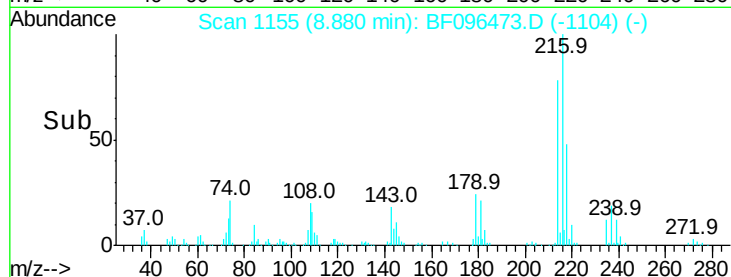


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.47 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

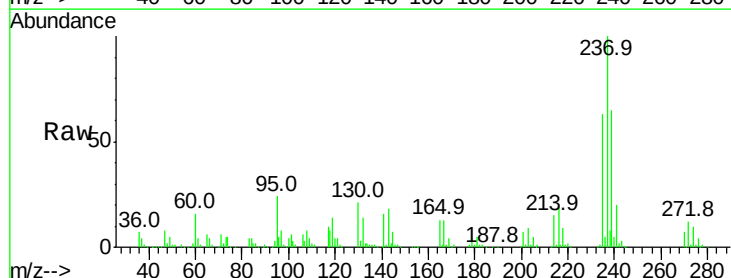
Tgt Ion:237 Resp: 281633

Ion Ratio Lower Upper

237 100

235 63.1 42.6 82.6

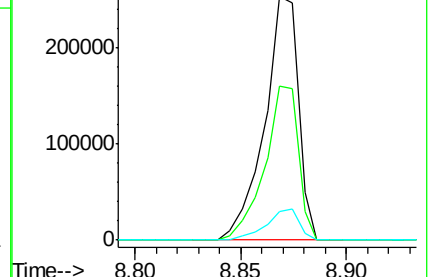
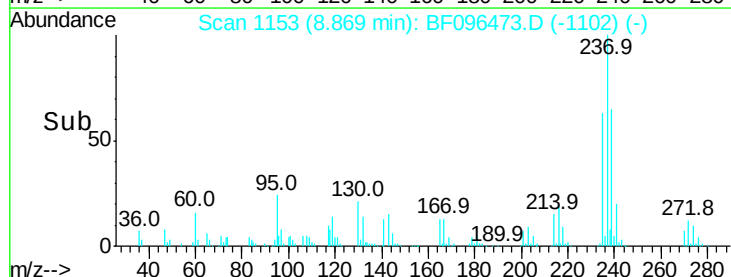
272 11.7 0.0 31.9

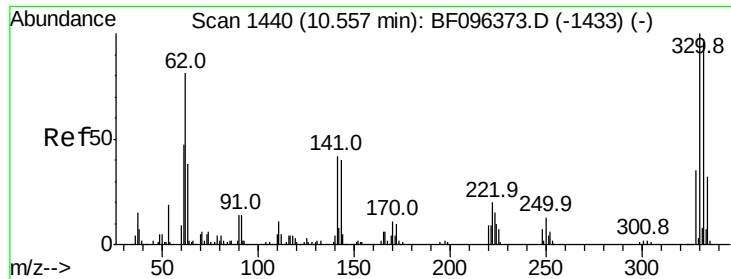


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

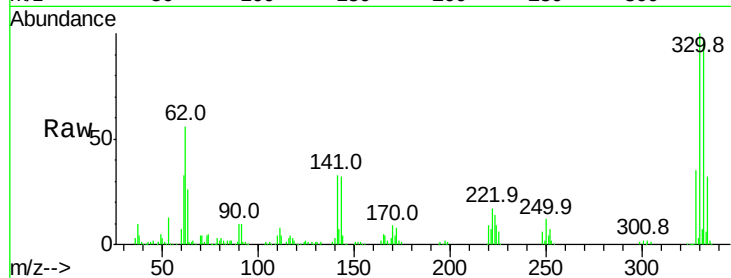




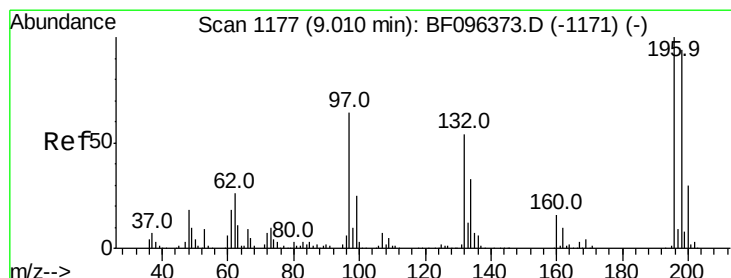
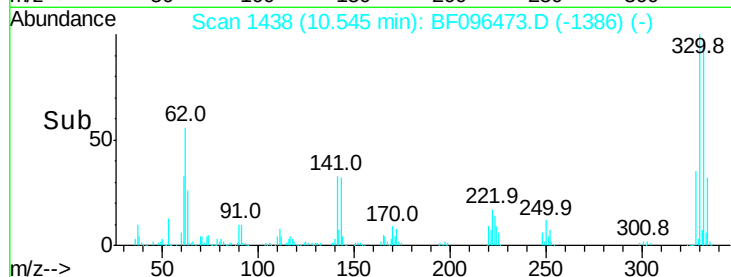
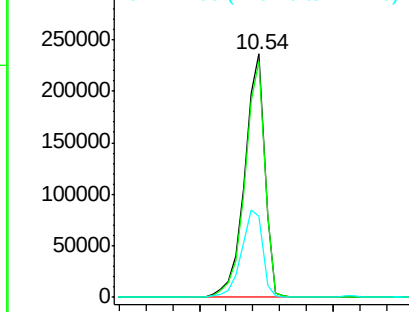
#41
 2,4,6-Tribromophenol
 Concen: 128.20 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion:330 Resp: 244200
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 37.8 31.4 47.2

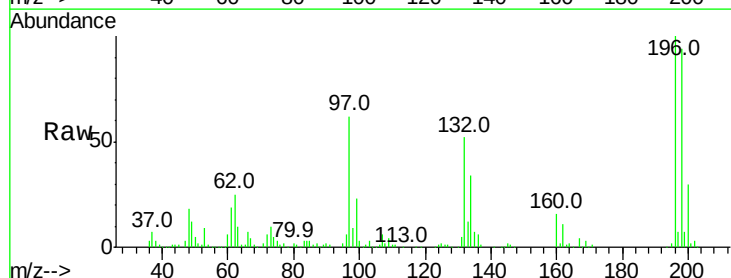


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

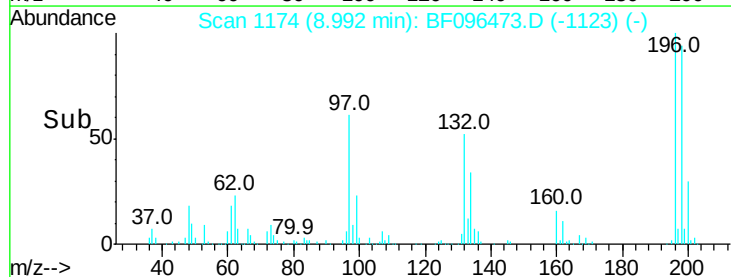
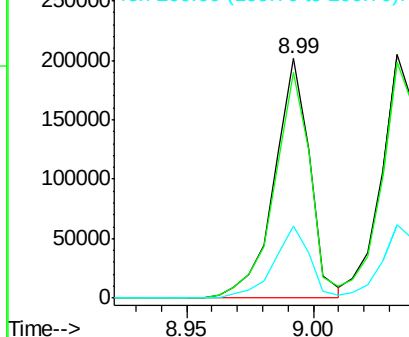


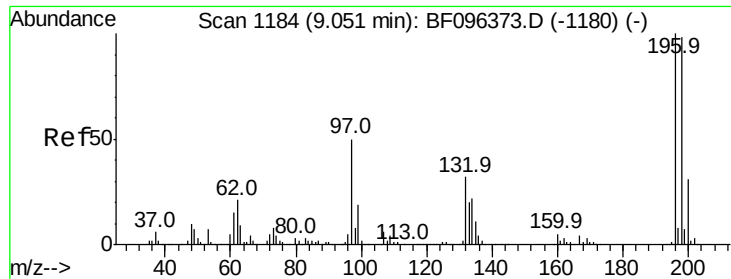
#42
 2,4,6-Trichlorophenol
 Concen: 38.86 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:196 Resp: 194640
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 30.0 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

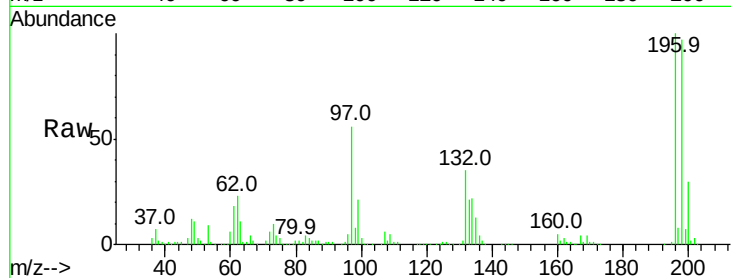




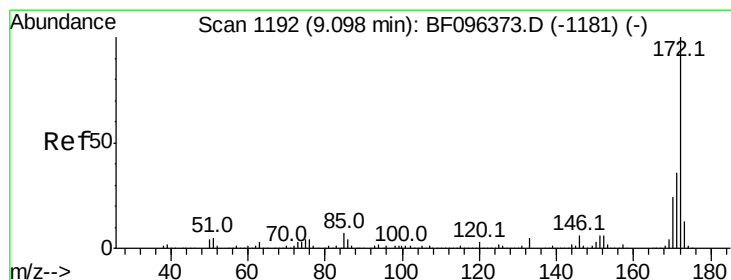
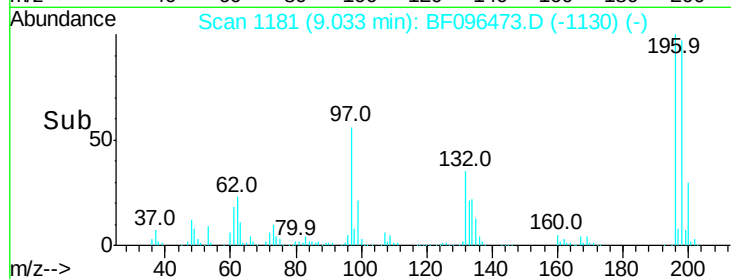
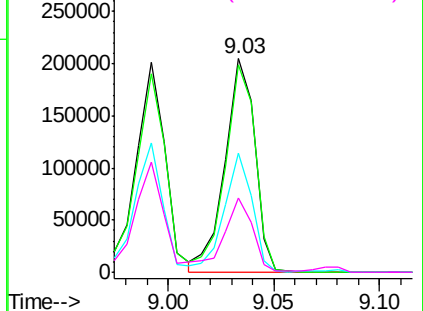
#43
 2,4,5-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion:196 Resp: 200541
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 55.8 47.7 71.5
 132 34.6 28.0 42.0

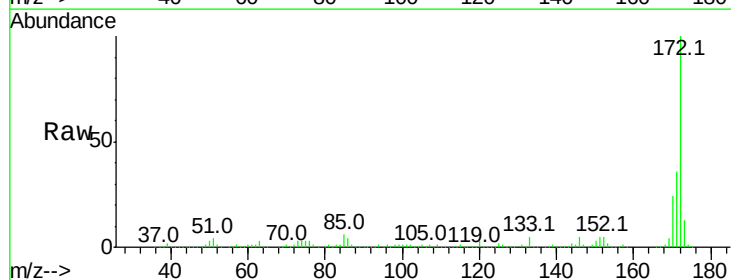


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

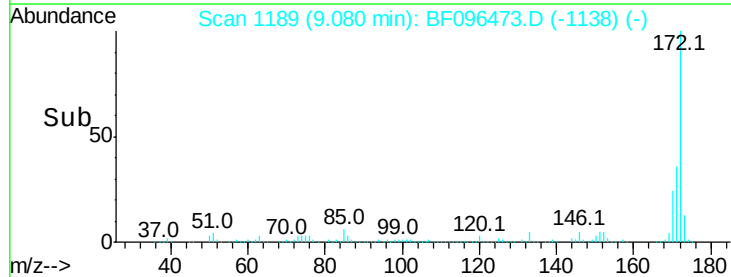
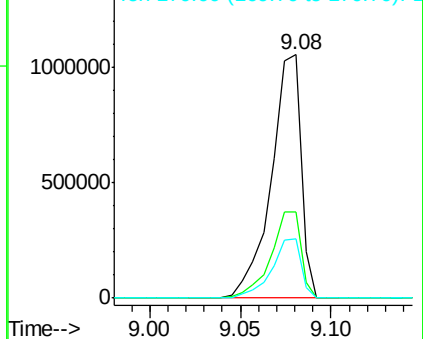


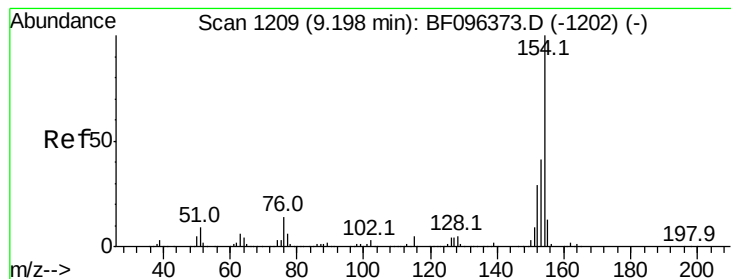
#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:172 Resp: 1209678
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 36.61 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

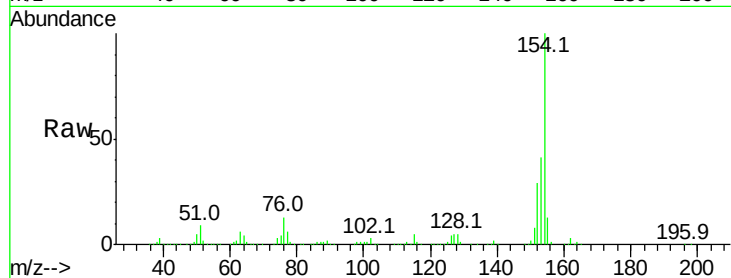
Tot Ion:154 Resp: 764892

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

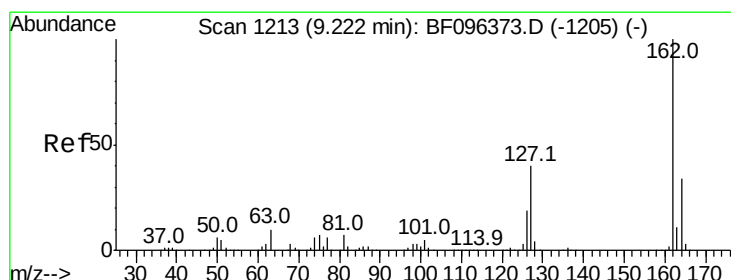
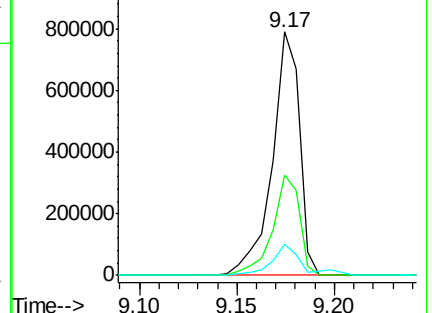
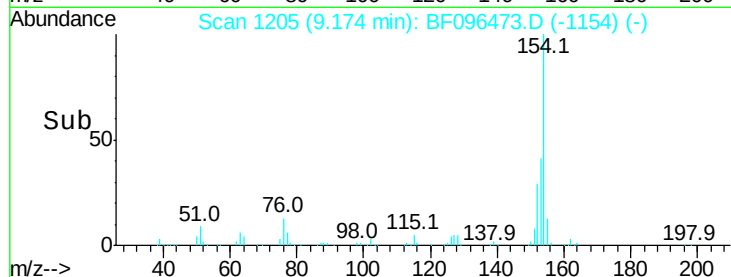
76 12.8 0.0 29.9



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: 38.80 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

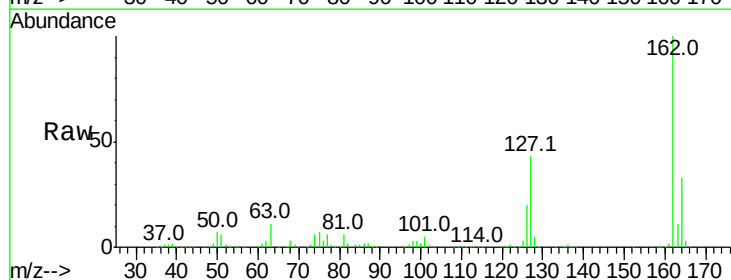
Tgt Ion:162 Resp: 604224

Ion Ratio Lower Upper

162 100

127 42.9 28.3 42.5#

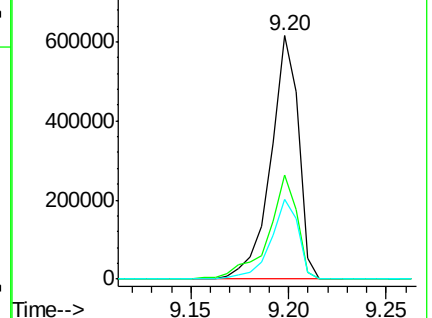
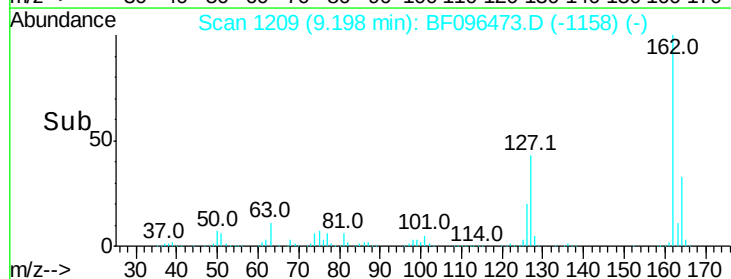
164 33.0 27.0 40.4

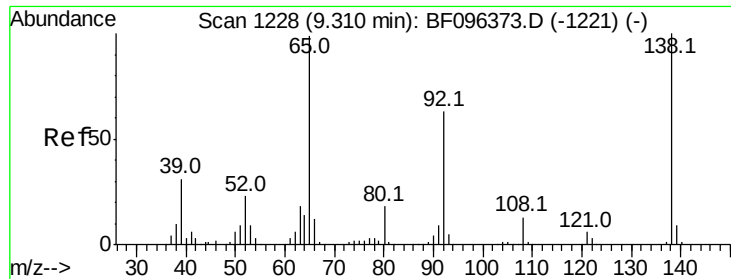


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

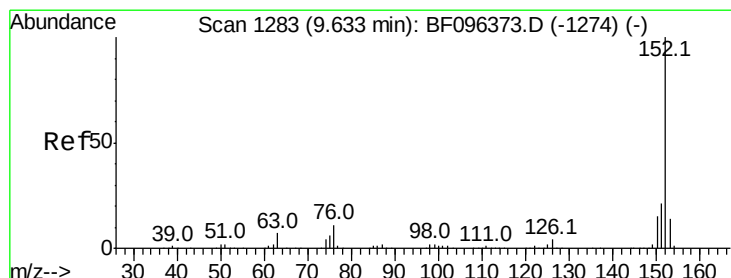
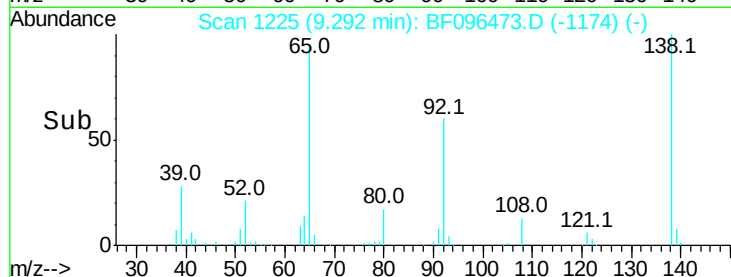
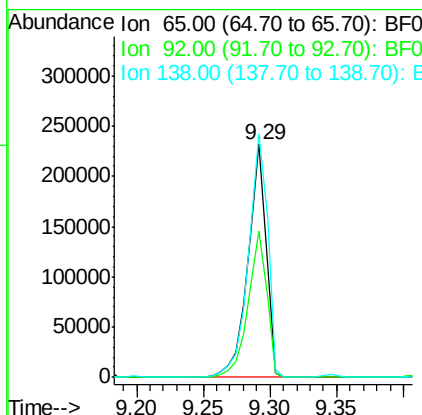
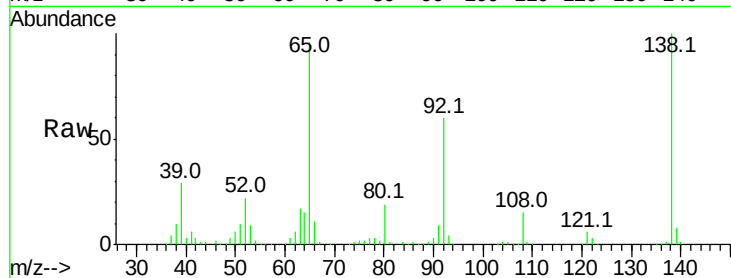




#47
 2-Nitroaniline
 Concen: 38.10 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

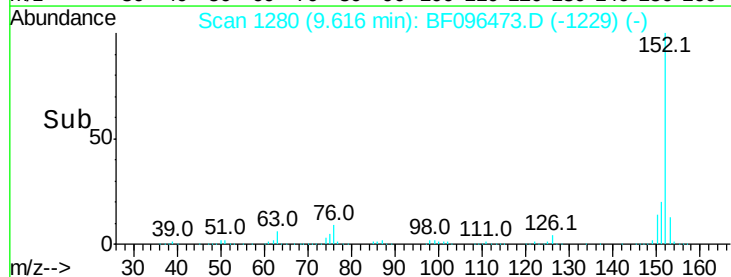
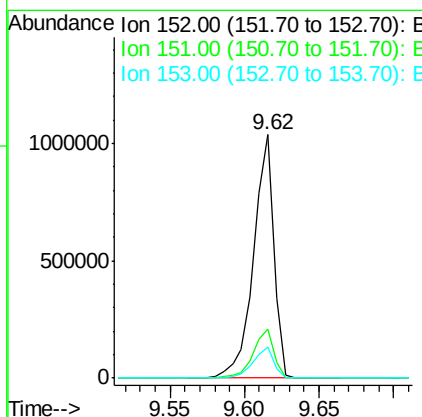
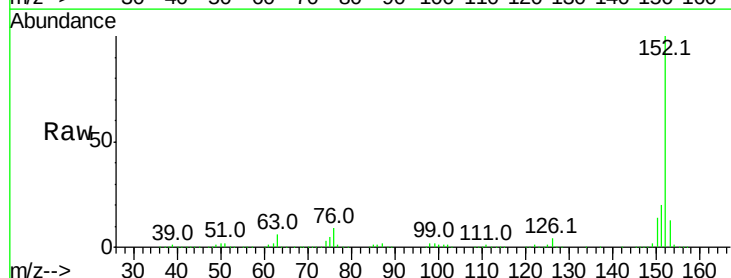
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

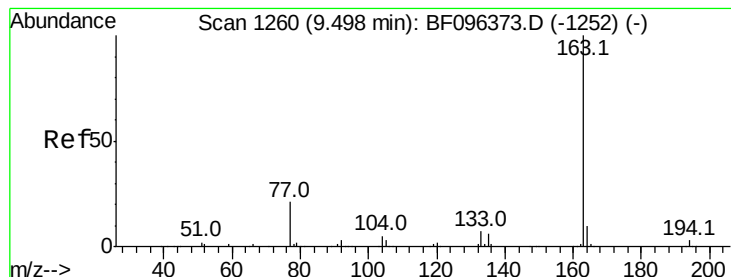
Tot Ion: 65 Resp: 215874
 Ion Ratio Lower Upper
 65 100
 92 62.8 53.9 80.9
 138 104.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.29 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion: 152 Resp: 969438
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 39.87 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

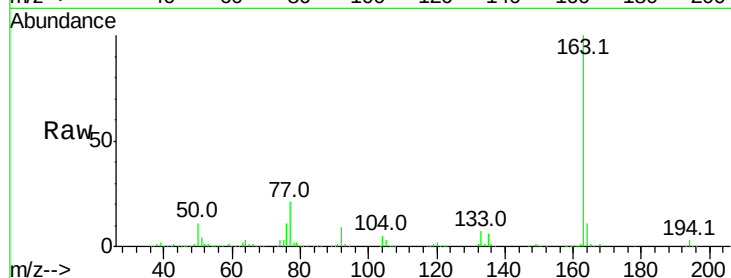
Tot Ion:163 Resp: 725871

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

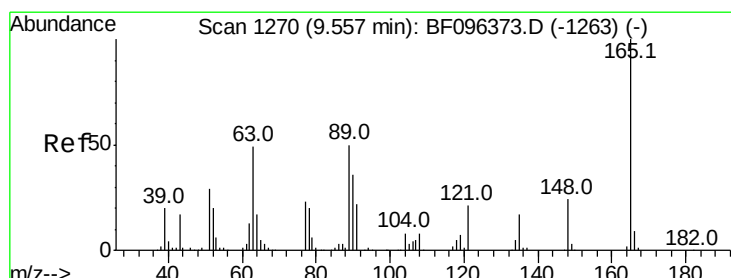
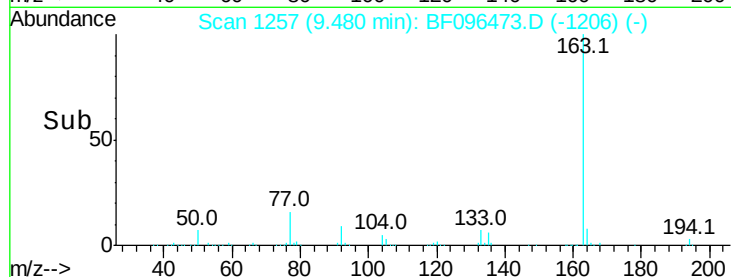
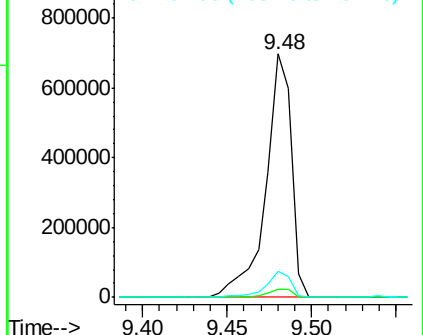
164 10.6 8.4 12.6



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: 40.70 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

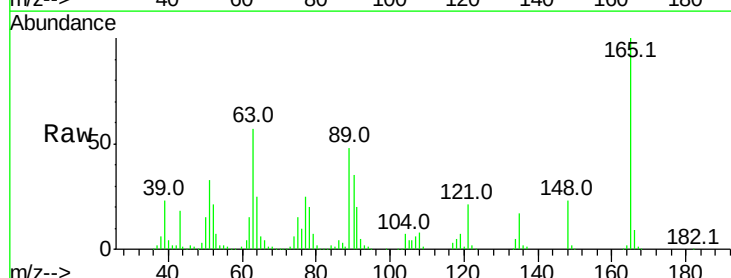
Tgt Ion:165 Resp: 163844

Ion Ratio Lower Upper

165 100

63 56.8 34.3 51.5#

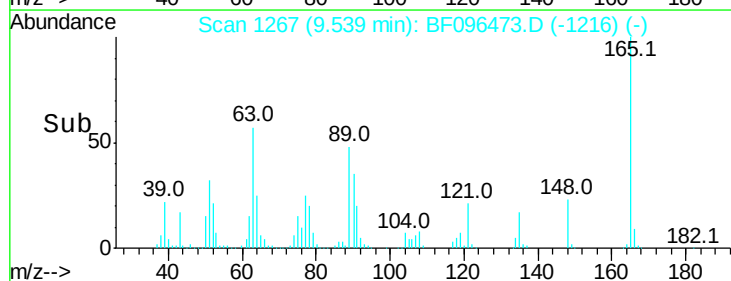
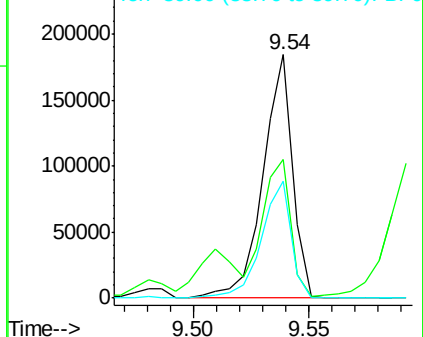
89 48.2 37.1 55.7

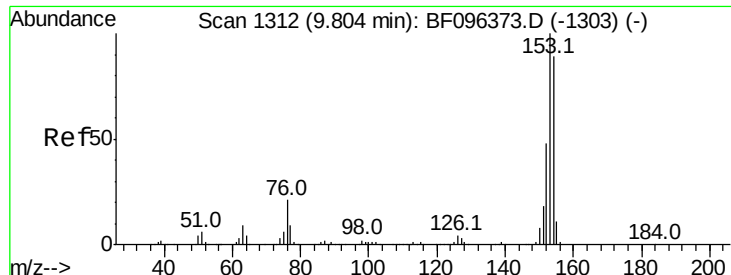


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.32 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

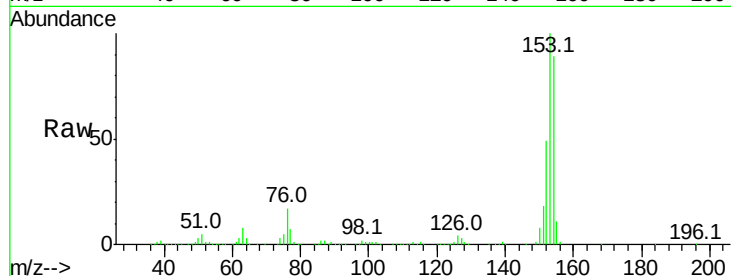
Tot Ion:154 Resp: 567600

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

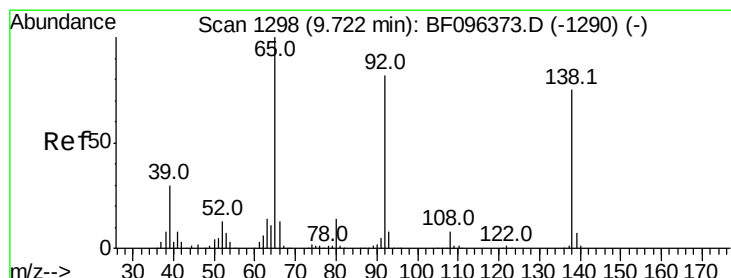
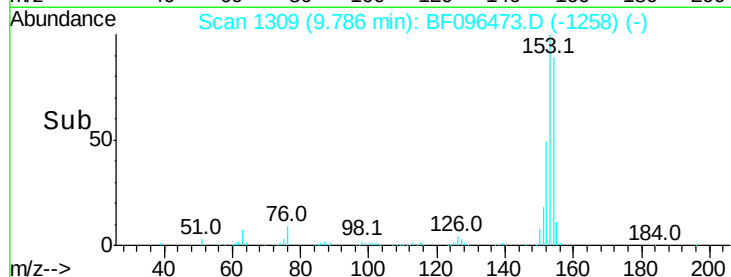
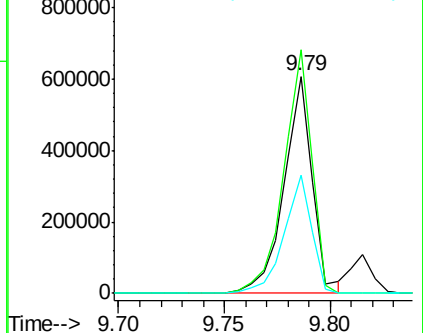
152 54.5 43.6 65.4



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: 25.71 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

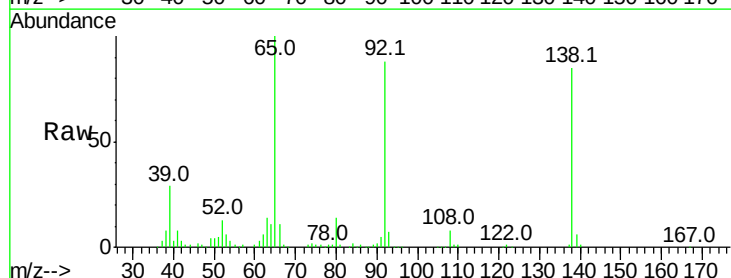
Tgt Ion:138 Resp: 129112

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

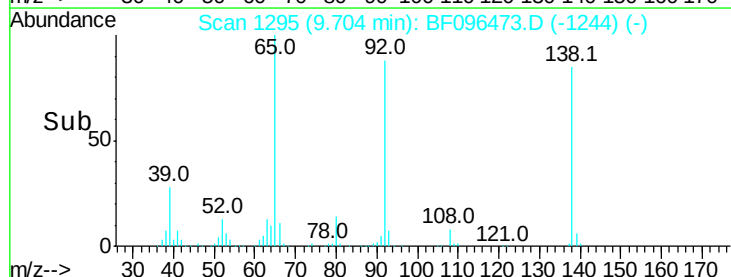
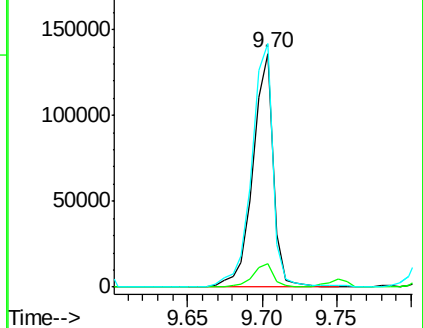
92 104.2 93.8 140.6

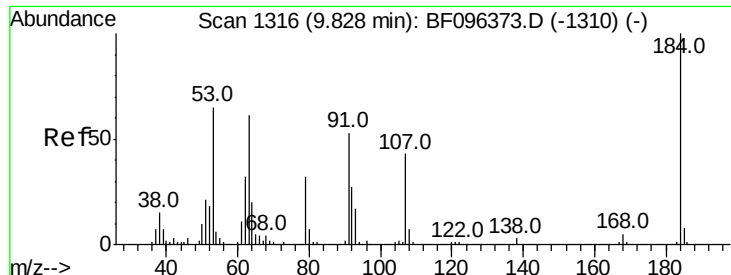


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

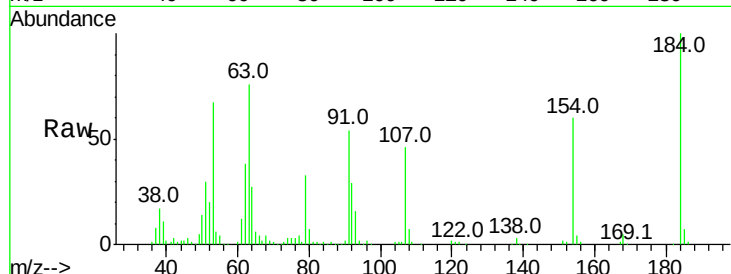




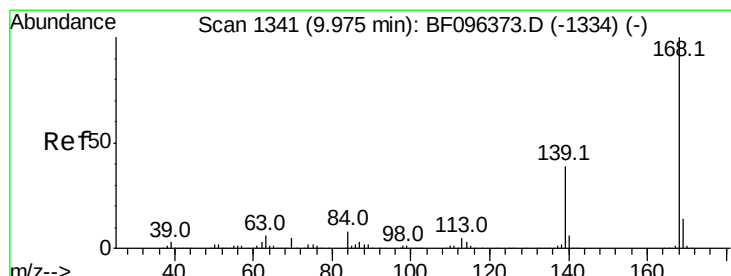
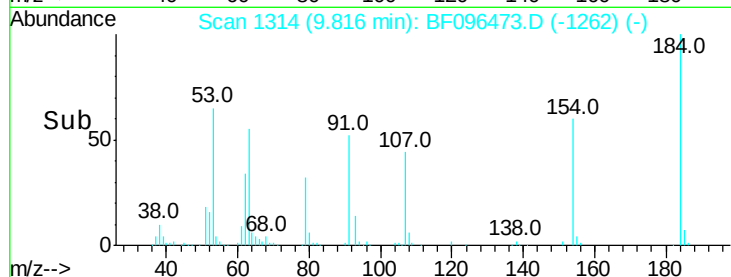
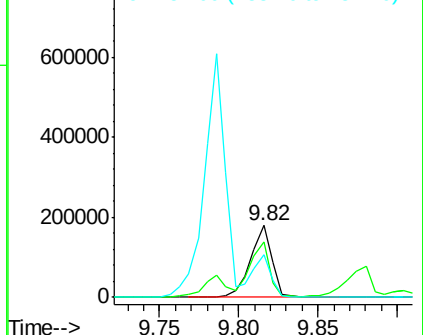
#53
 2,4-Dinitrophenol
 Concen: 78.99 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion:184 Resp: 168893
 Ion Ratio Lower Upper
 184 100
 63 76.3 62.7 94.1
 154 59.8 81.1 121.7#

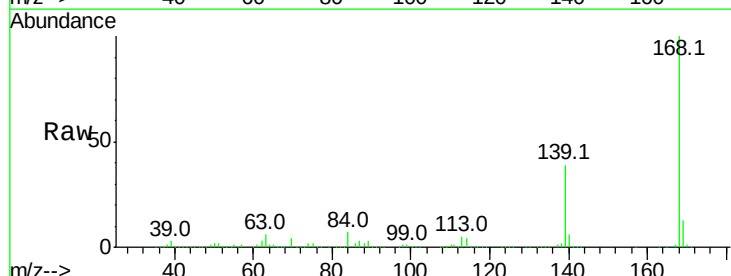


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

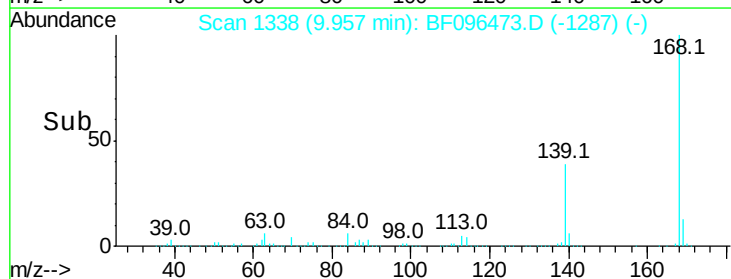
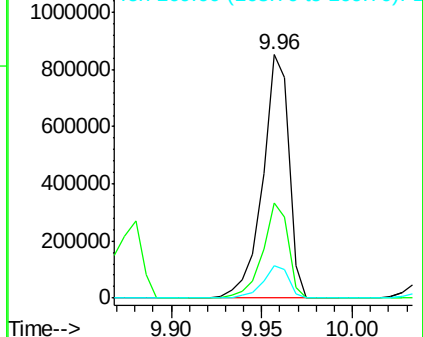


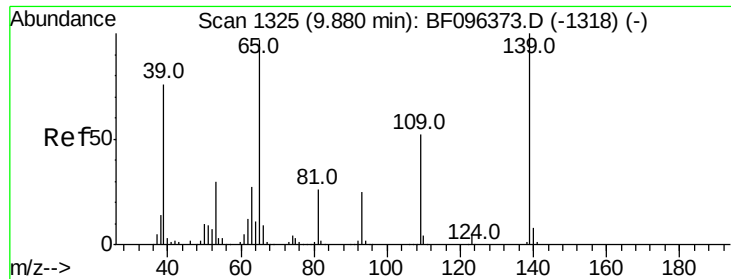
#54
 Dibenzofuran
 Concen: 42.62 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:168 Resp: 855779
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.3 10.8 16.2



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





#55

4-Nitrophenol

Concen: 72.47 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

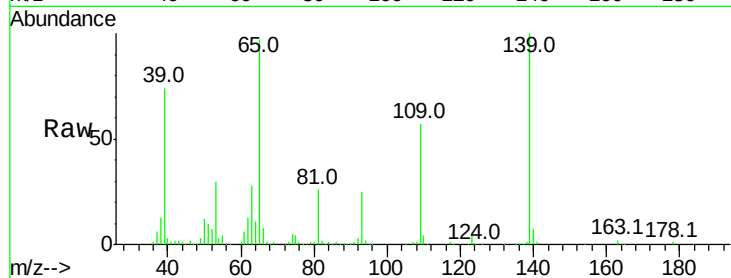
Tot Ion:139 Resp: 301599

Ion Ratio Lower Upper

139 100

109 57.0 34.1 74.1

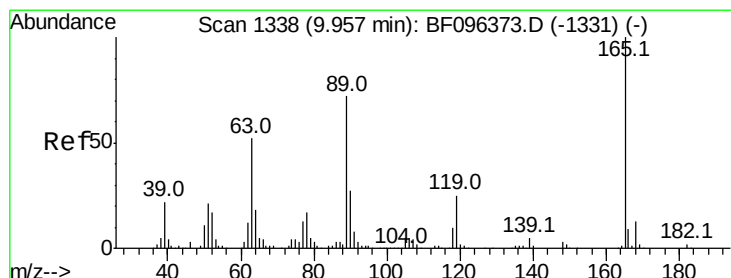
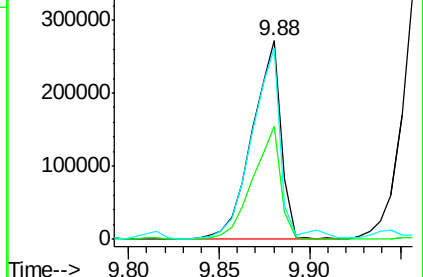
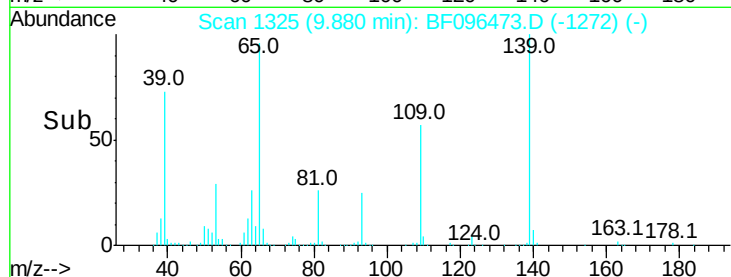
65 96.6 31.4 71.4#



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: 43.51 ng

RT: 9.94 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Tgt Ion:165 Resp: 221820

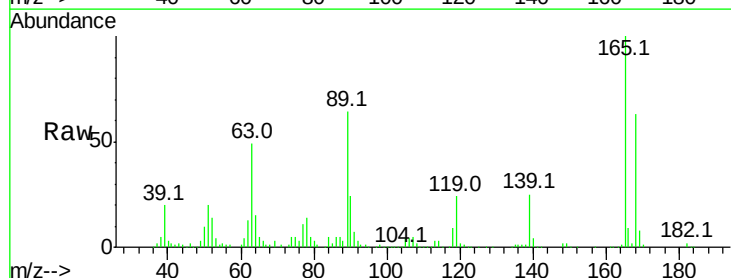
Ion Ratio Lower Upper

165 100

63 48.6 25.4 38.0#

89 64.1 46.4 69.6

182 2.2 1.8 2.6

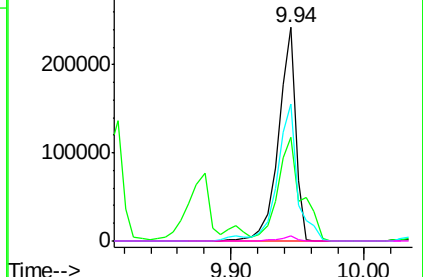
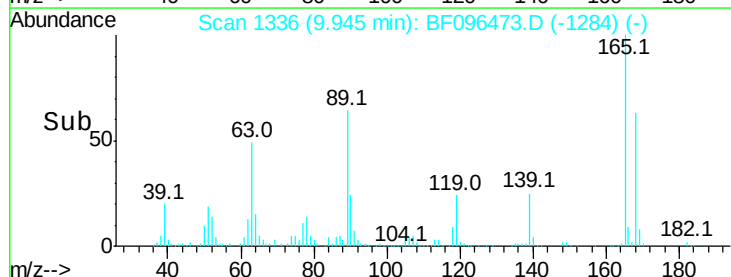


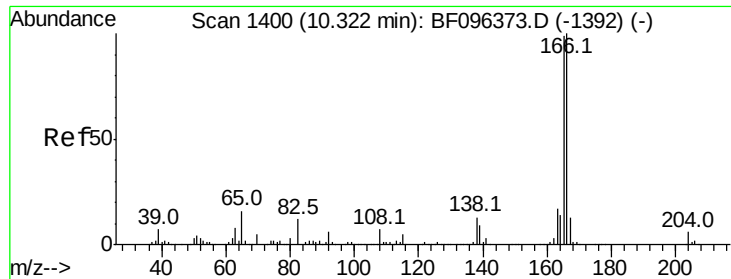
Abundance Ion 165.00 (164.70 to 165.70): E

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

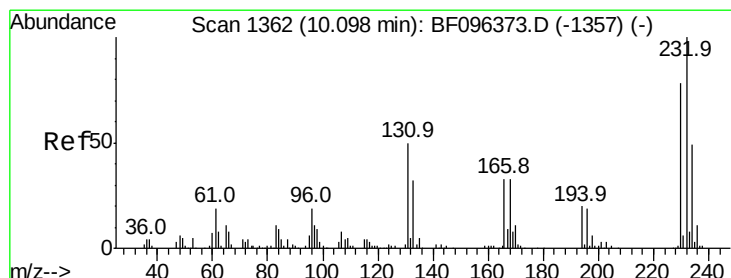
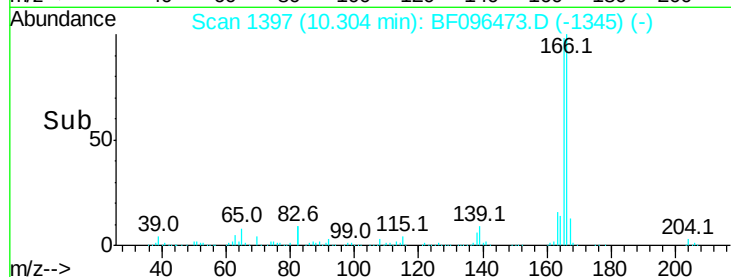
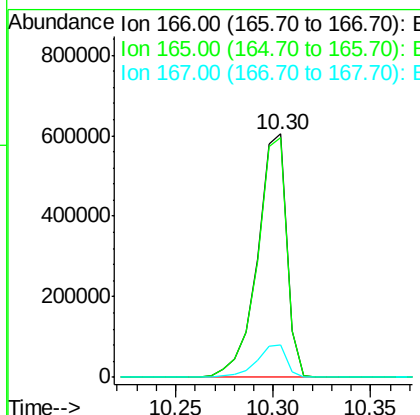
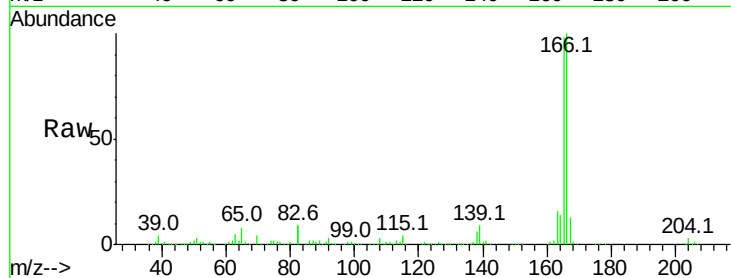




#57
 Fluorene
 Concen: 44.29 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

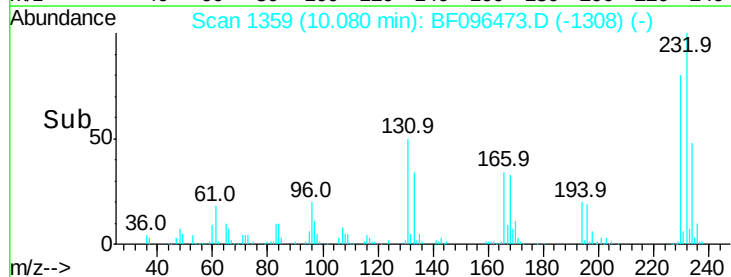
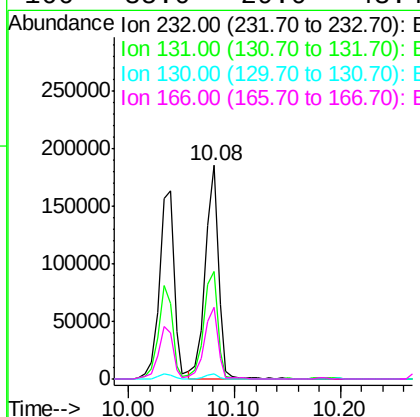
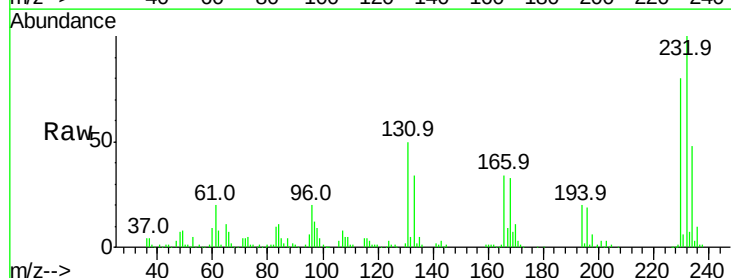
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

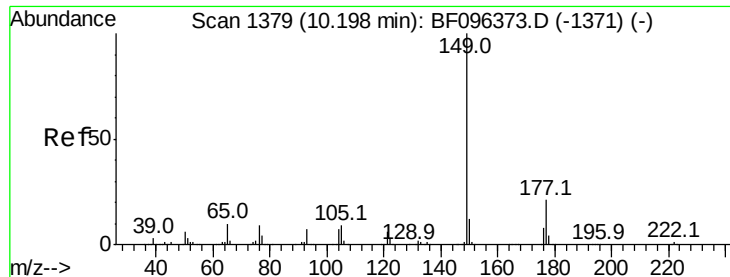
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.96 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	44.8	67.2
130	2.4	2.3	3.5
166	35.0	29.0	43.4

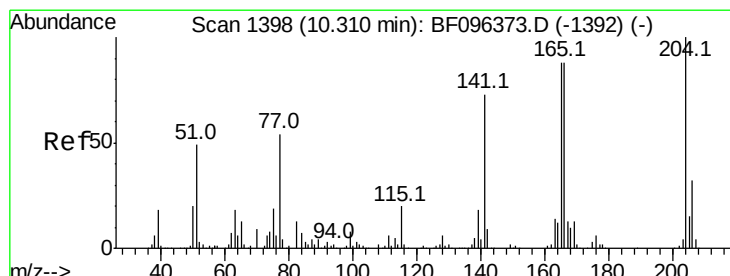
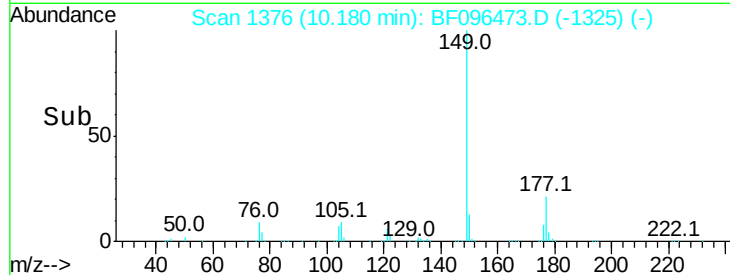
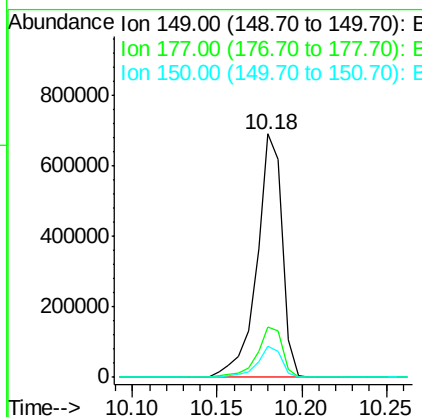
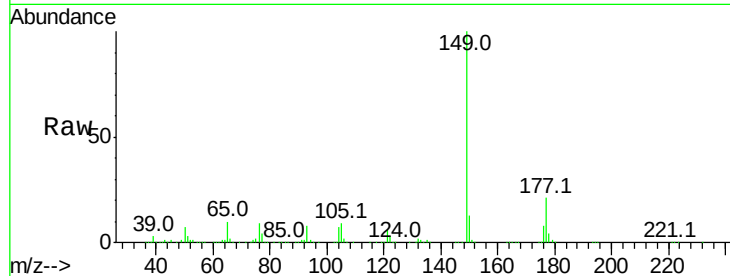




#59
 Diethylphthalate
 Concen: 41.60 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

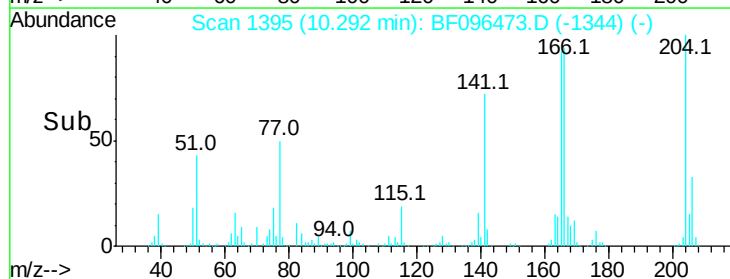
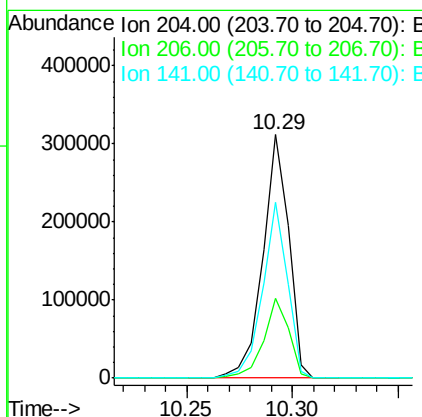
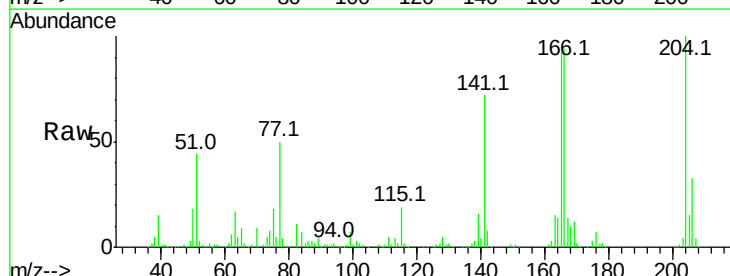
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

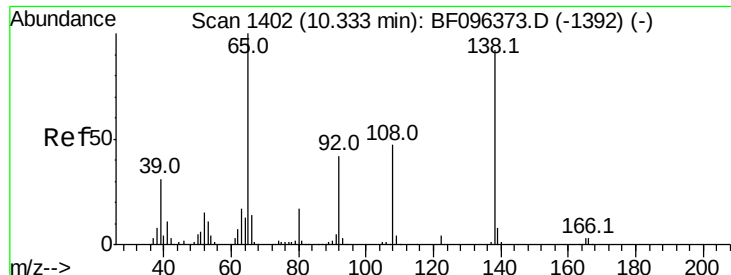
Tot Ion:	149	Resp:	715799
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.7	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 43.07 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:	204	Resp:	265731
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	72.0	60.8	91.2

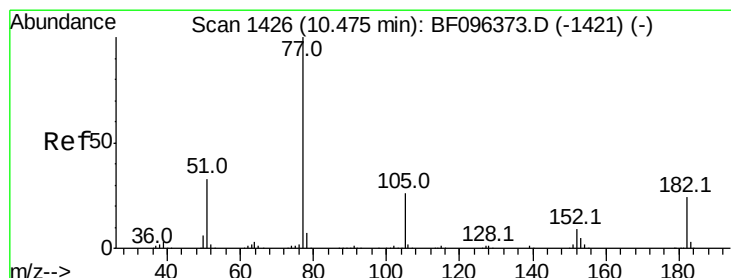
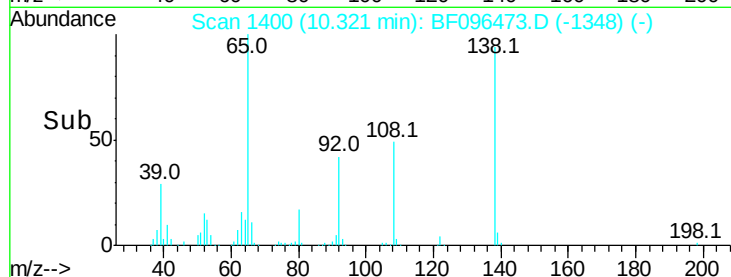
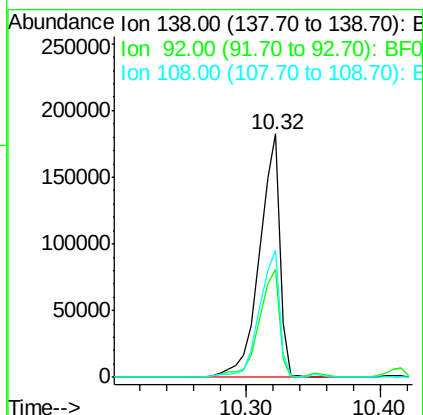
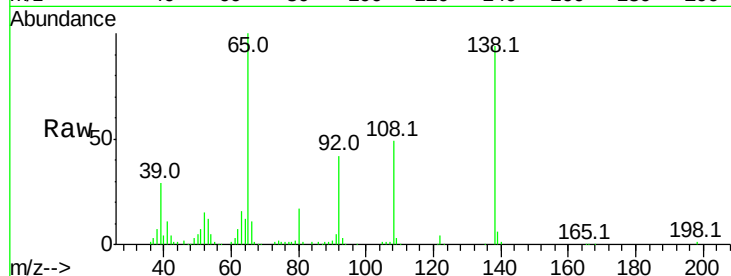




#61
4-Nitroaniline
Concen: 41.86 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

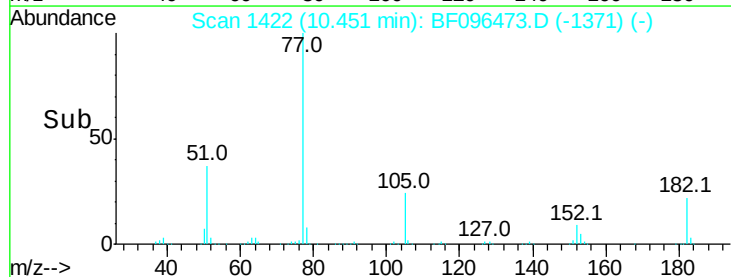
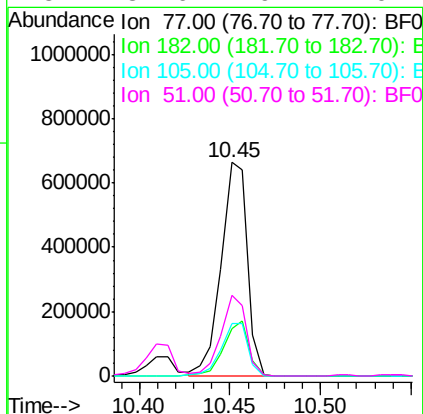
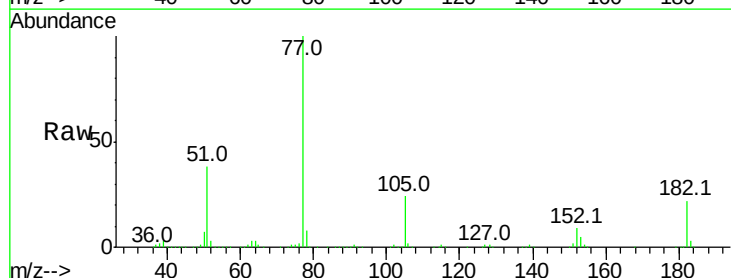
Instrument :
BNA_F
ClientSampleId :
PB100369BS

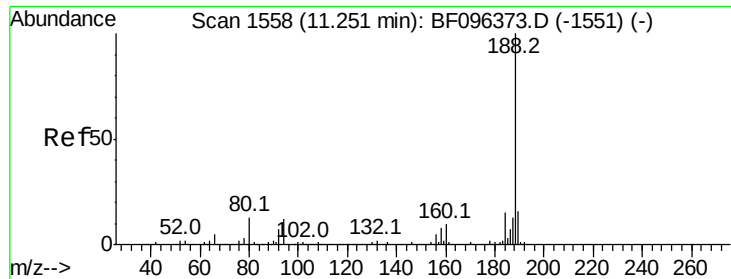
Tot Ion:138 Resp: 191125
Ion Ratio Lower Upper
138 100
92 44.3 21.8 61.8
108 52.0 42.3 82.3



#62
Azobenzene
Concen: 40.09 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion: 77 Resp: 667090
Ion Ratio Lower Upper
77 100
182 21.9 0.1 40.1
105 24.3 3.6 43.6
51 37.6 9.4 49.4

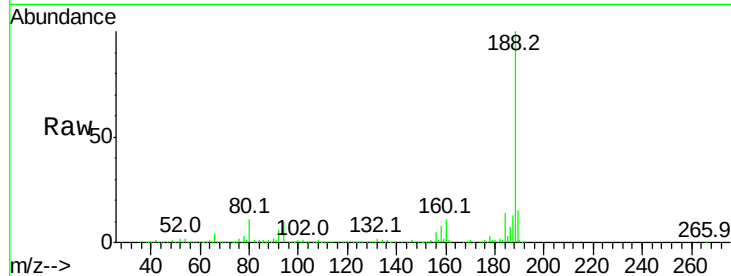




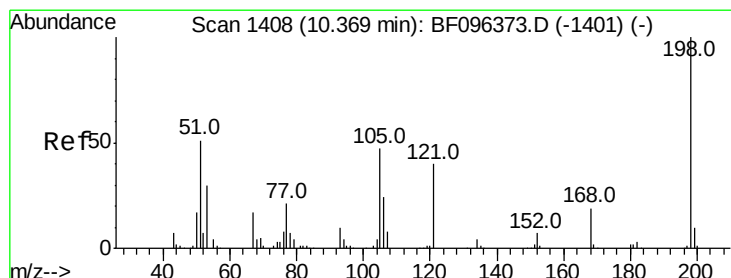
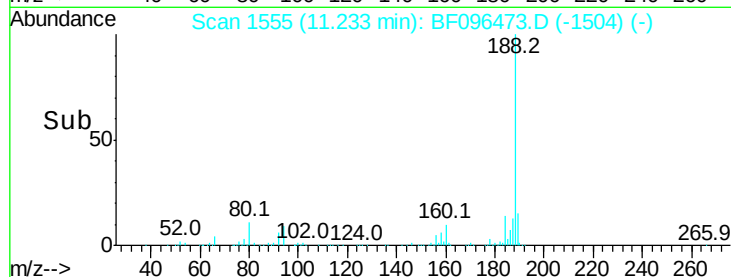
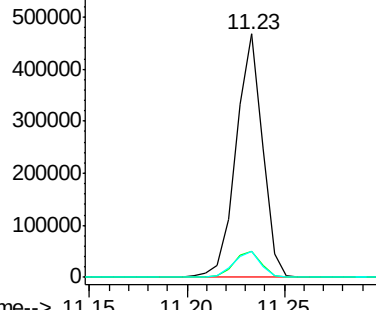
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Instrument :
BNA_F
ClientSampleId :
PB100369BS

Tot Ion:188 Resp: 437656
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2

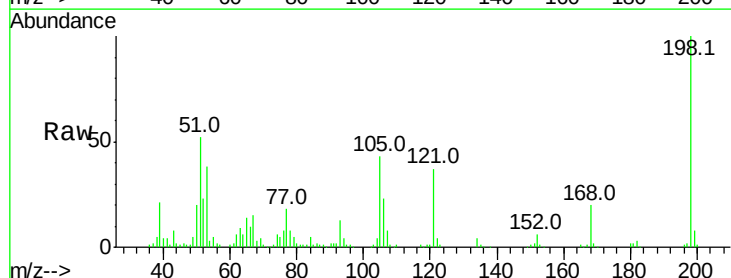


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

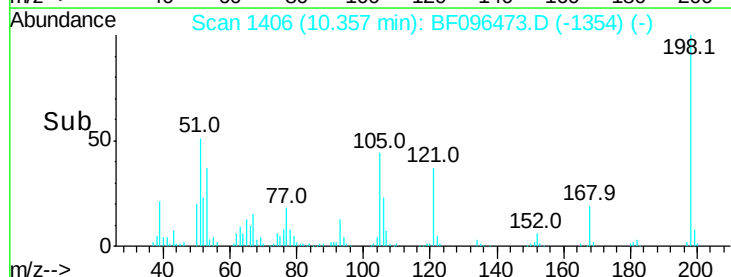
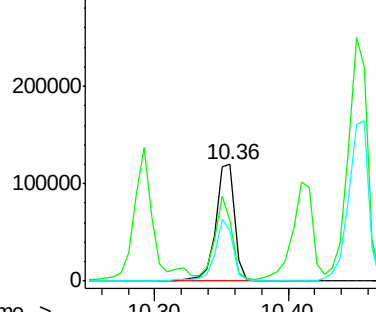


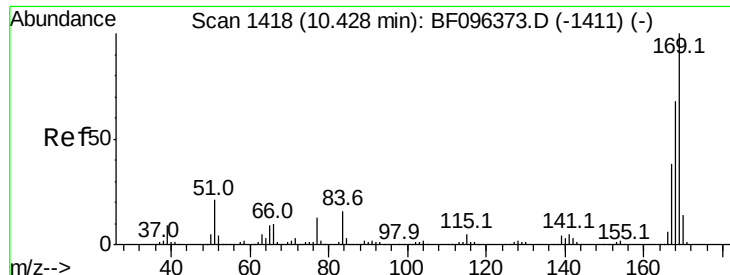
#64
4,6-Dinitro-2-methylphenol
Concen: 38.72 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion:198 Resp: 116860
Ion Ratio Lower Upper
198 100
51 52.3 53.2 93.2#
105 43.5 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

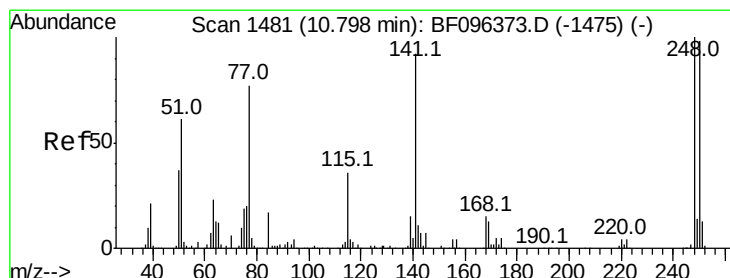
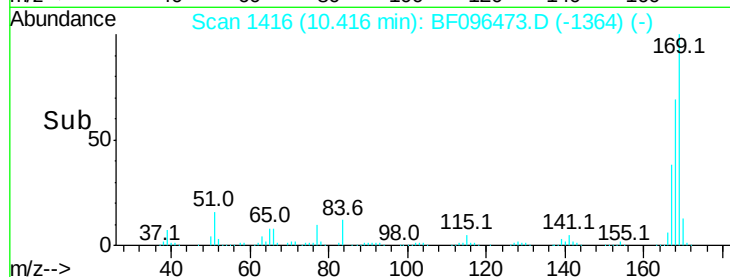
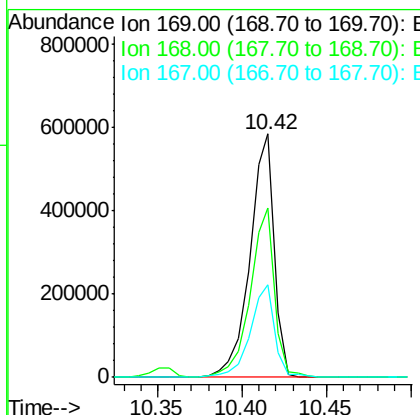
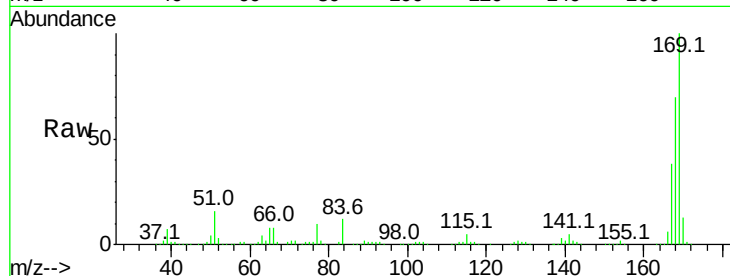




#65
 n-Nitrosodiphenylamine
 Concen: 38.30 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

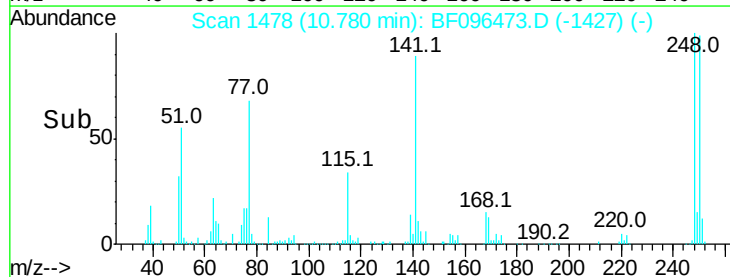
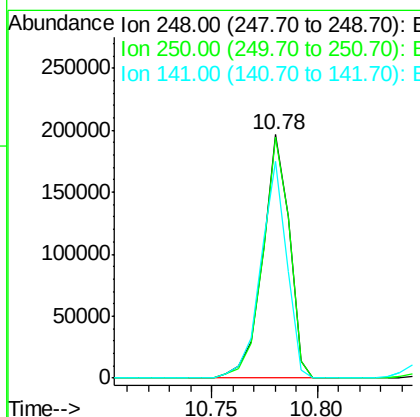
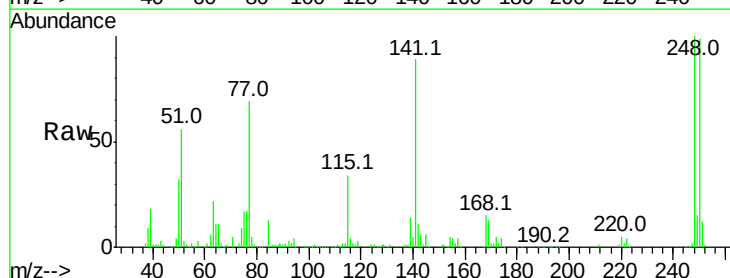
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

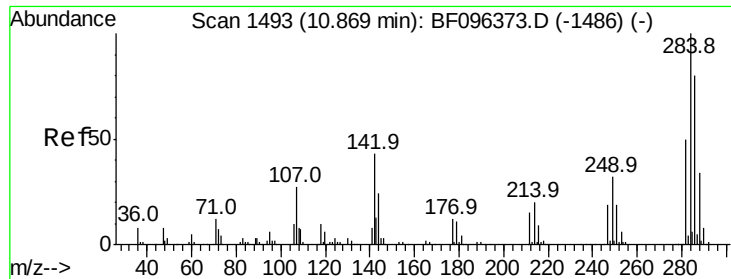
Tot Ion:169 Resp: 588183
 Ion Ratio Lower Upper
 169 100
 168 69.6 53.2 79.8
 167 38.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.55 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:248 Resp: 172739
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.8 115.2
 141 88.8 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.12 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

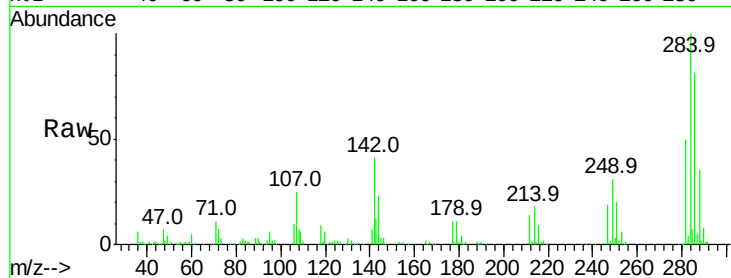
Tot Ion:284 Resp: 182470

Ion Ratio Lower Upper

284 100

142 40.6 22.8 34.2#

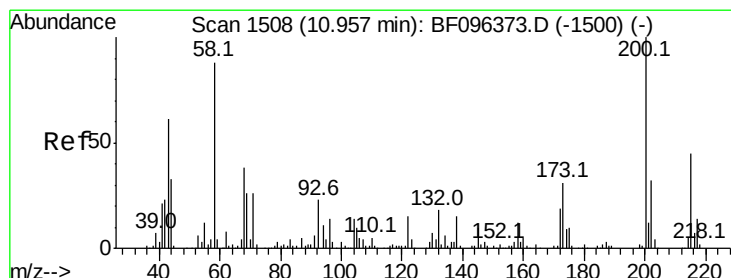
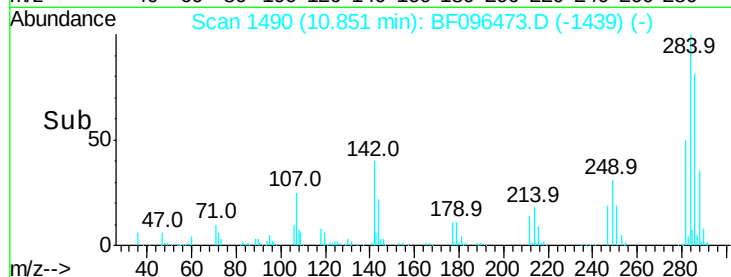
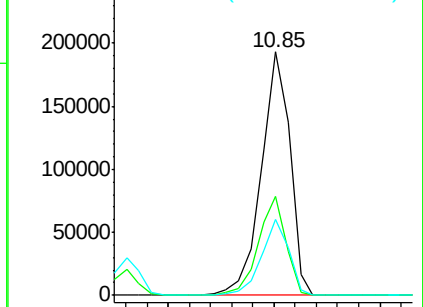
249 31.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.88 ng

RT: 10.94 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

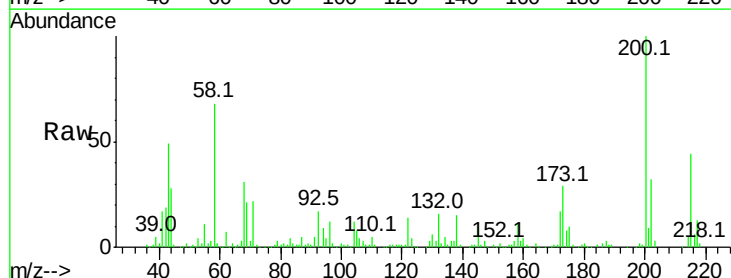
Tgt Ion:200 Resp: 183735

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

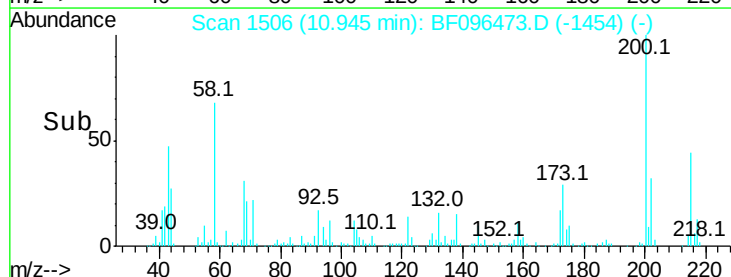
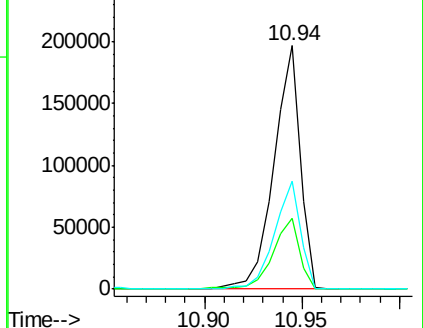
215 44.4 27.2 67.2

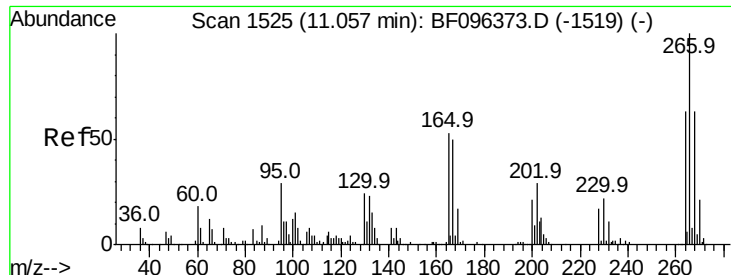


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

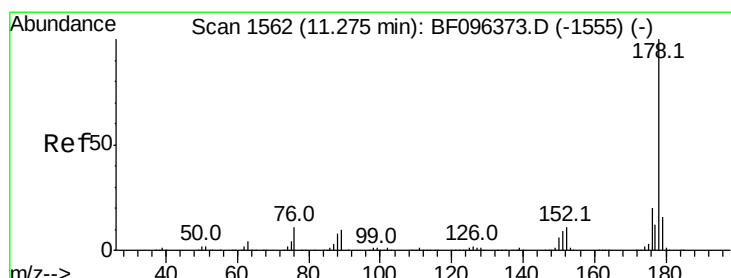
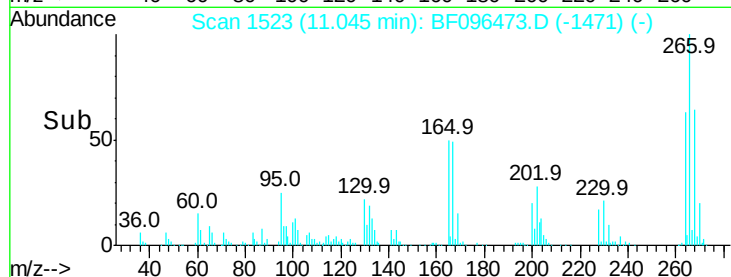
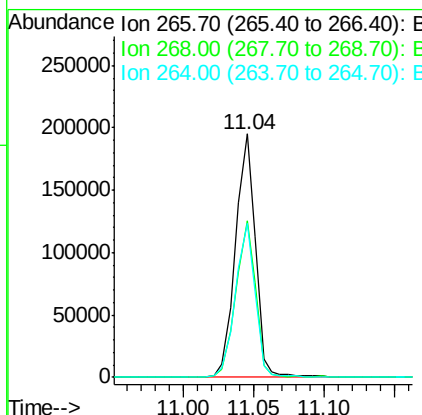
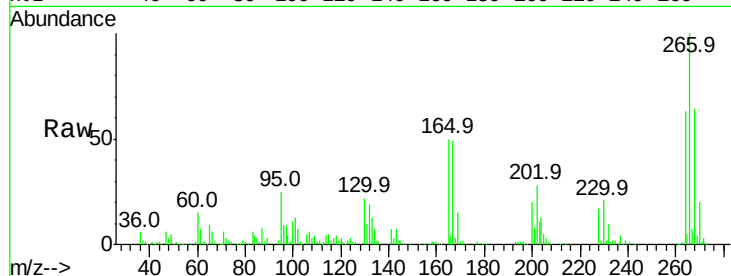




#69
 Pentachlorophenol
 Concen: 69.73 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

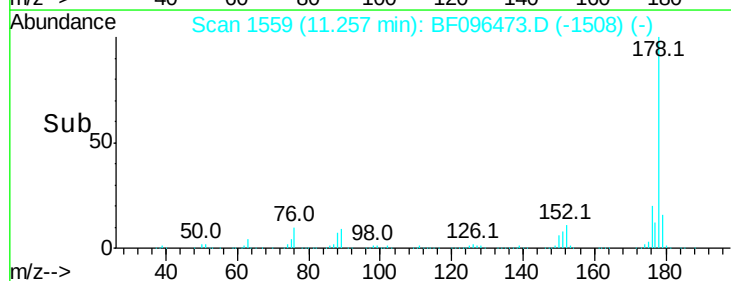
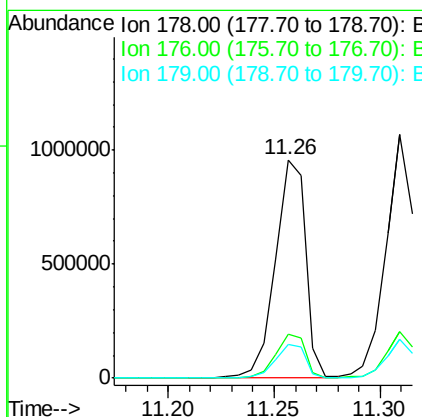
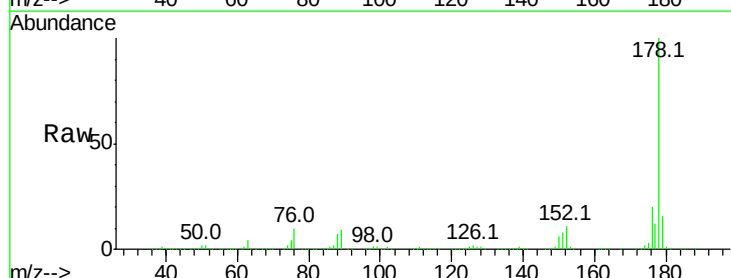
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

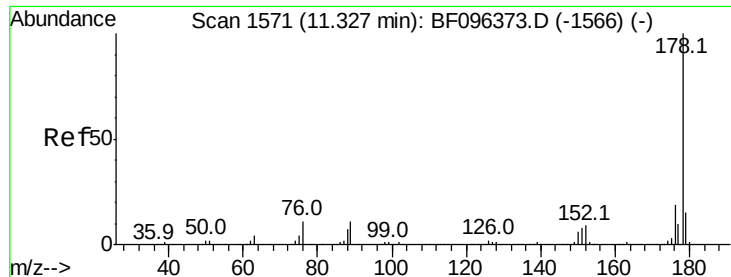
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.1	51.7	77.5



#70
 Phenanthrene
 Concen: 40.64 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0





#71

Anthracene

Concen: 40.61 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

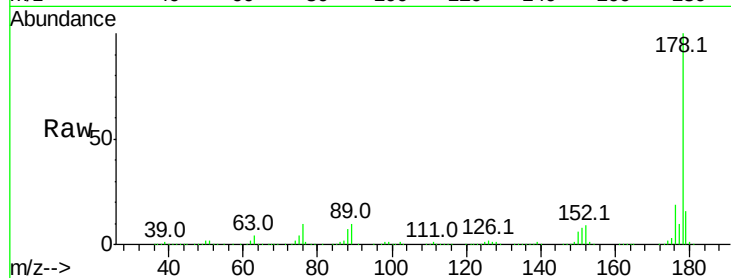
Tot Ion:178 Resp: 979023

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

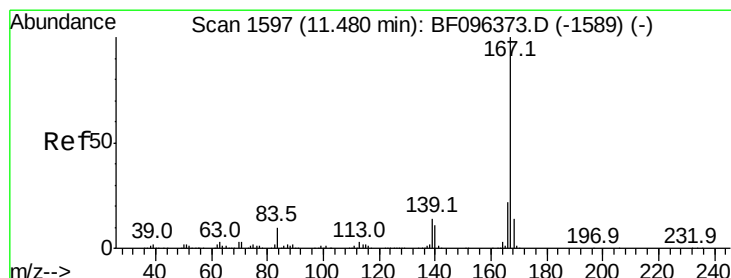
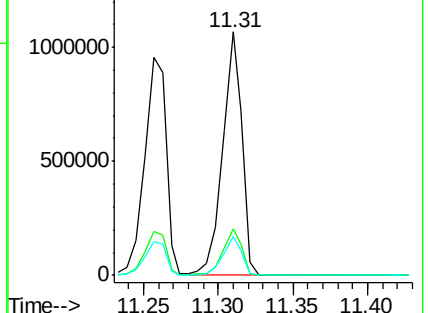
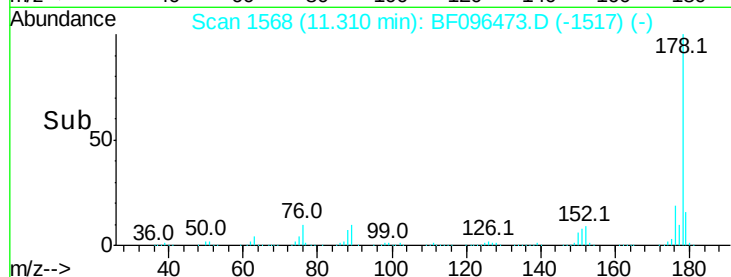
179 15.7 12.7 19.1



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: 41.38 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

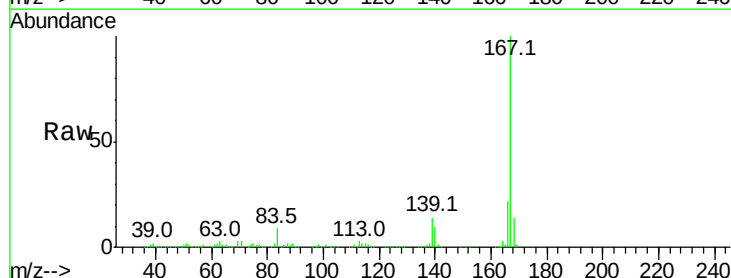
Tgt Ion:167 Resp: 1003346

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

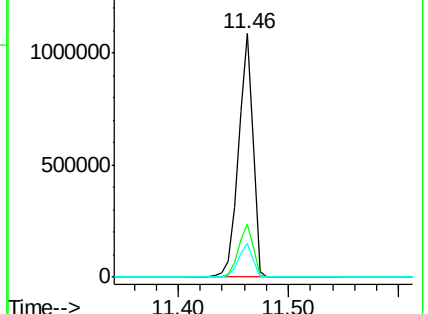
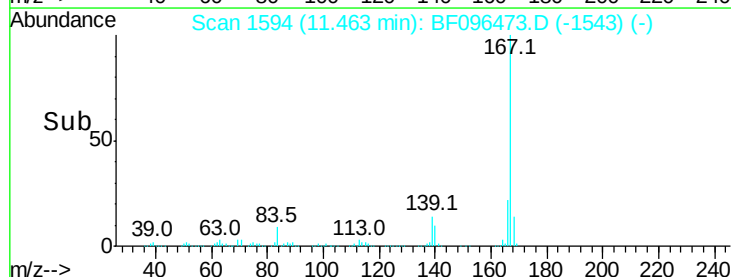
139 14.1 11.7 17.5

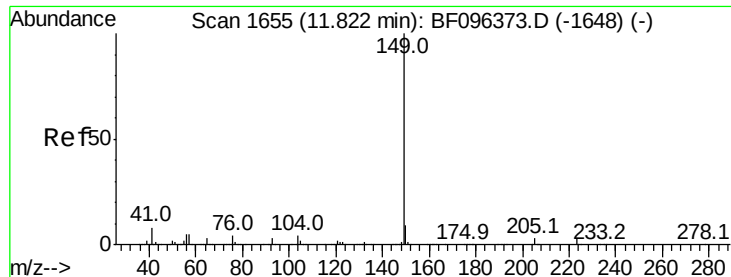


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.99 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

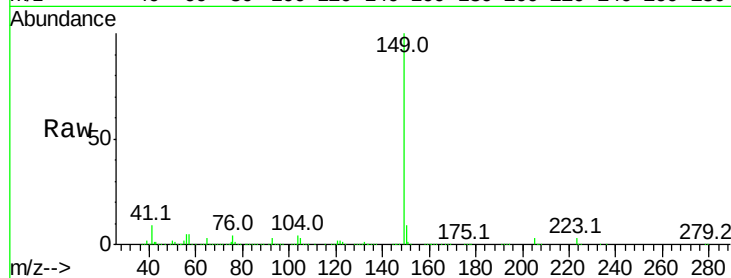
Tot Ion:149 Resp: 1233178

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

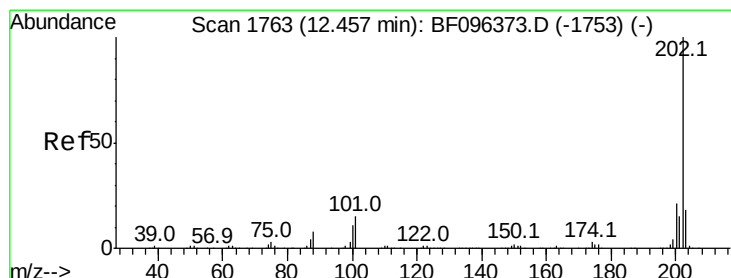
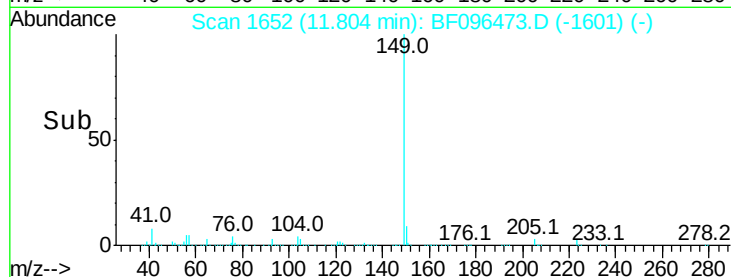
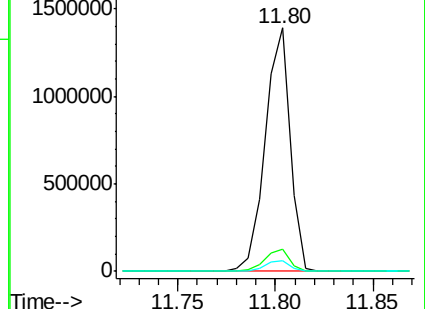
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.71 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

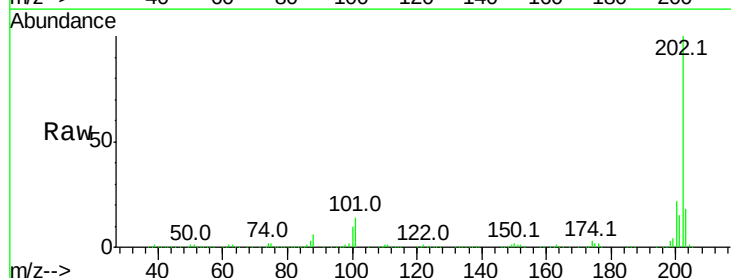
Tgt Ion:202 Resp: 1013878

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

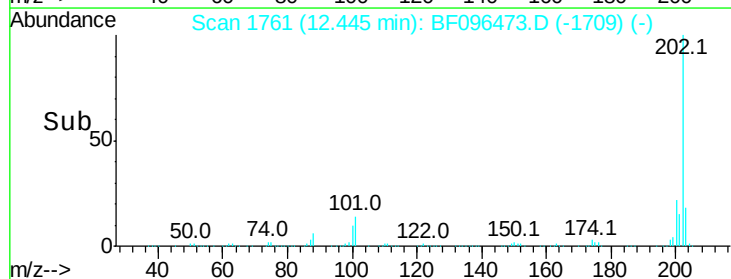
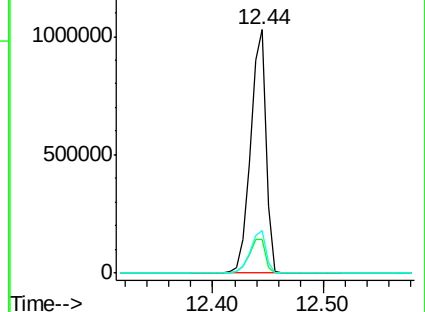
203 17.7 0.0 38.1

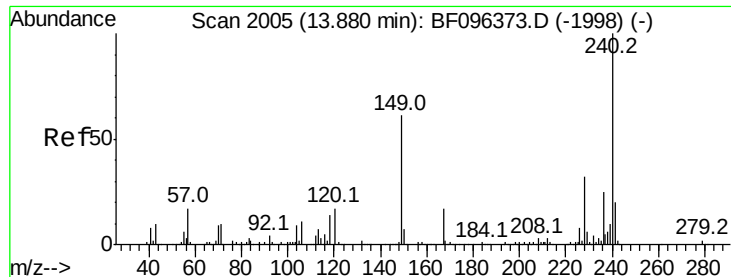


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

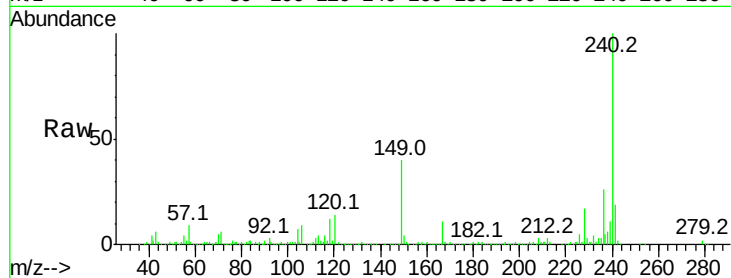
Tot Ion:240 Resp: 285763

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

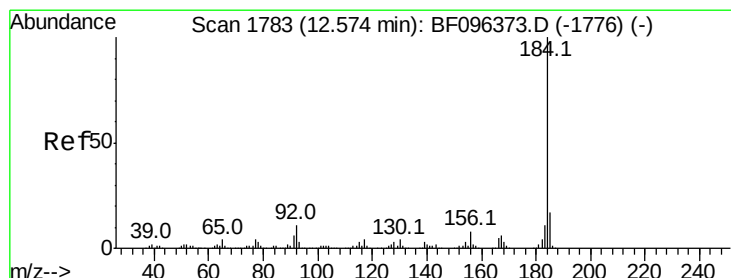
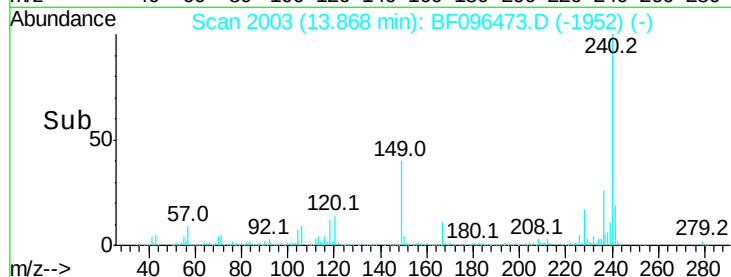
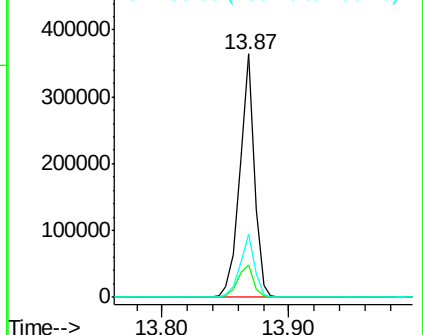
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.48 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

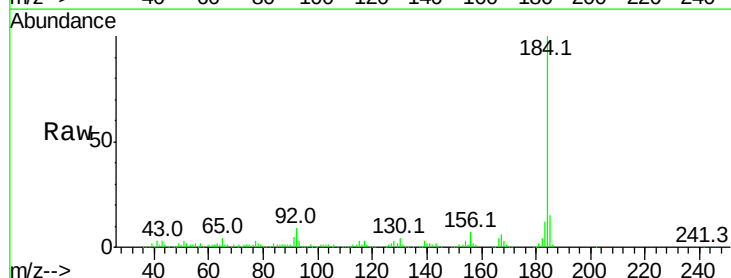
Tgt Ion:184 Resp: 239636

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

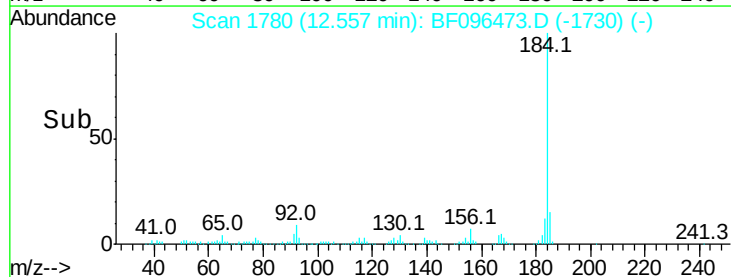
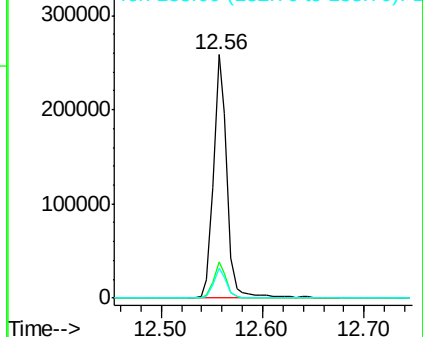
183 12.0 9.8 14.6

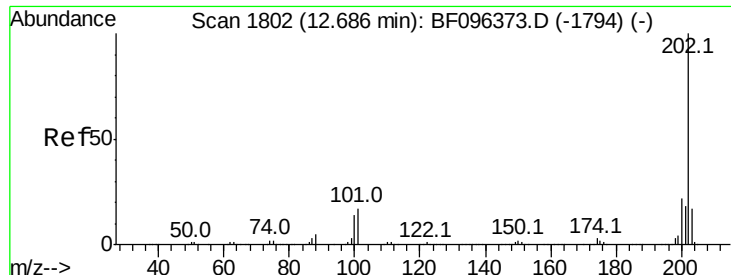


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



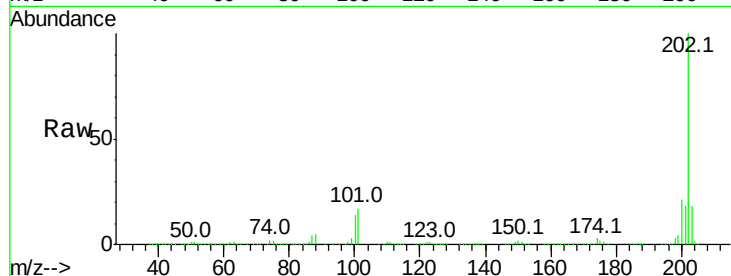


#77
 Pvrene
 Concen: 45.72 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

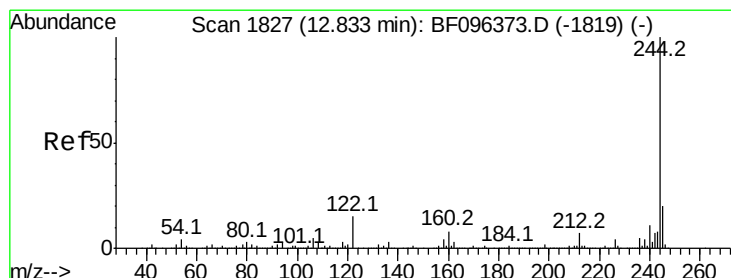
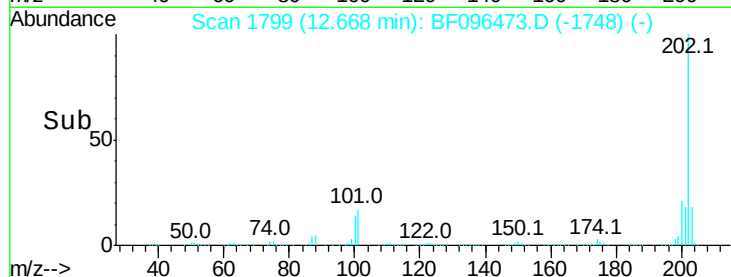
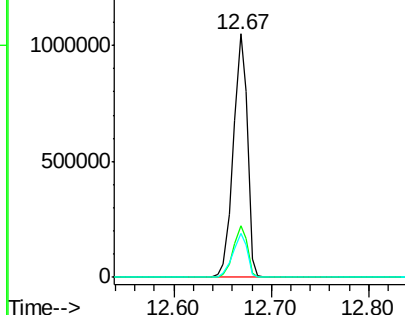
Instrument :
 BNA_F
 ClientSampled :
 PB100369BS

Tot Ion:202 Resp: 1048747

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.9	14.4	21.6



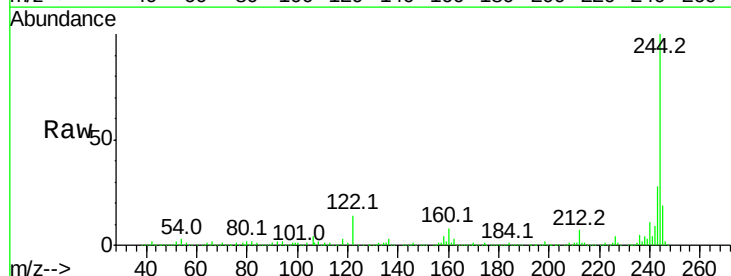
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



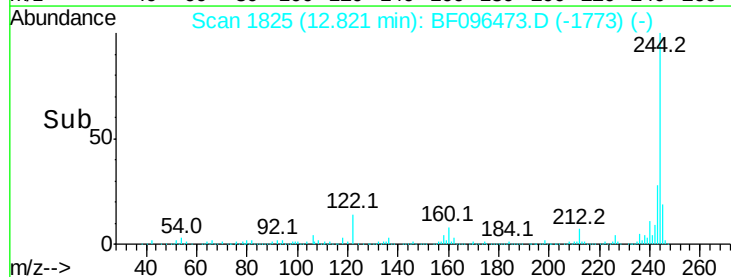
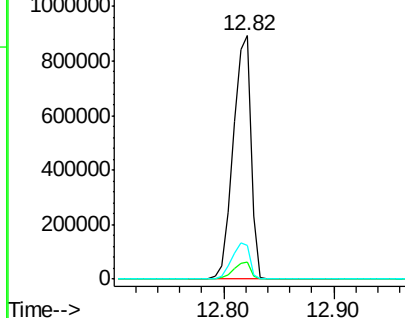
#78
 Terphenyl-d14
 Concen: 75.84 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

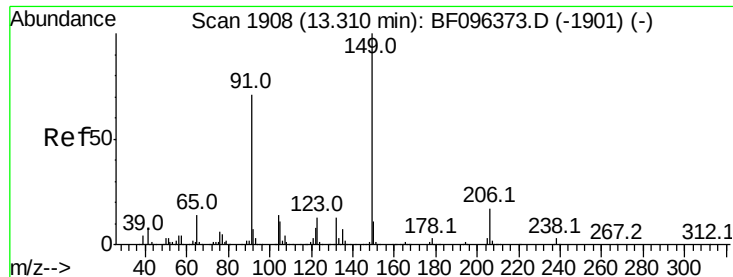
Tgt Ion:244 Resp: 1014284

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.6	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

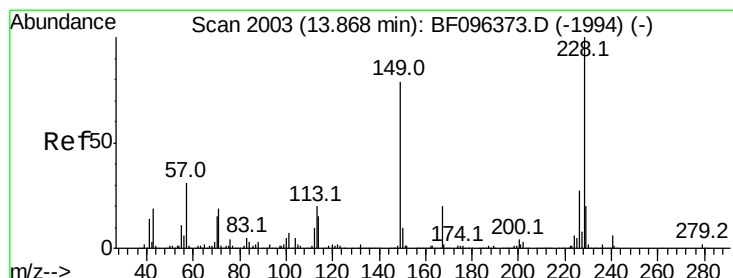
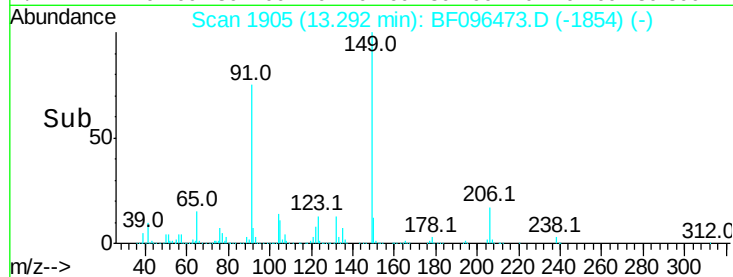
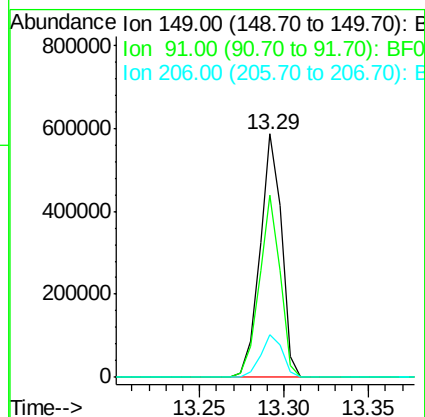
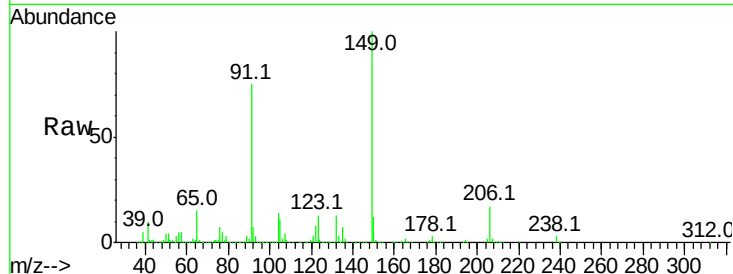




#79
Butylbenzylphthalate
Concen: 44.96 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

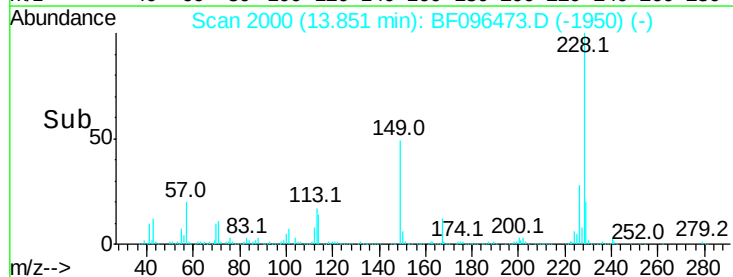
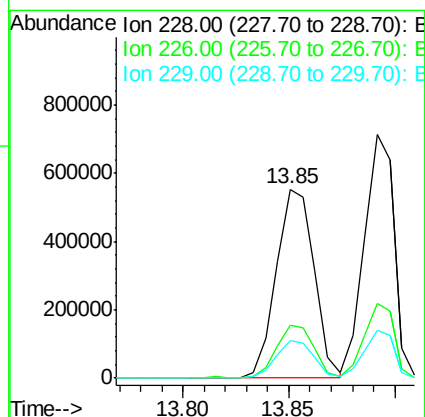
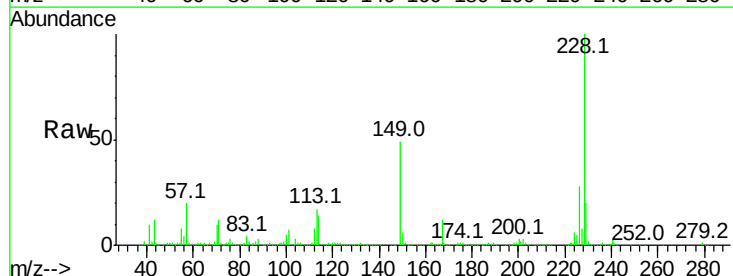
Instrument :
BNA_F
ClientSampleId :
PB100369BS

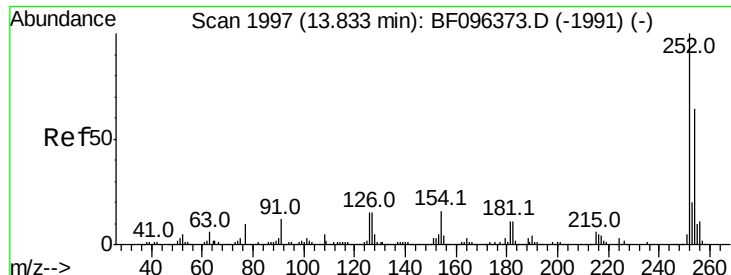
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.0	45.0	67.4#
206	17.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.78 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	16.3	24.5

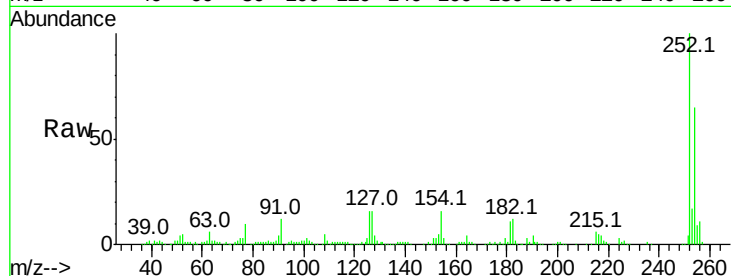




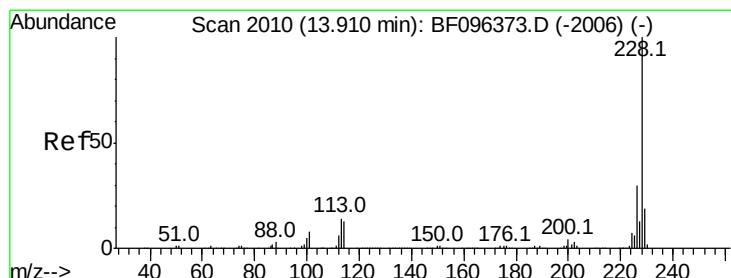
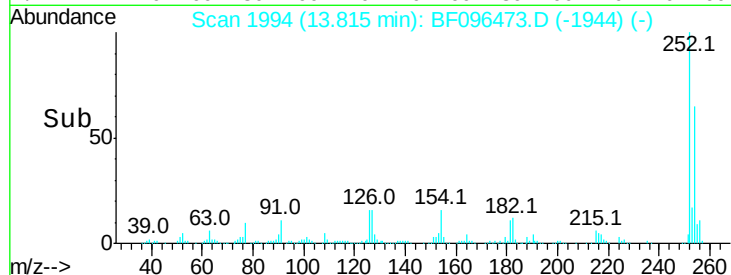
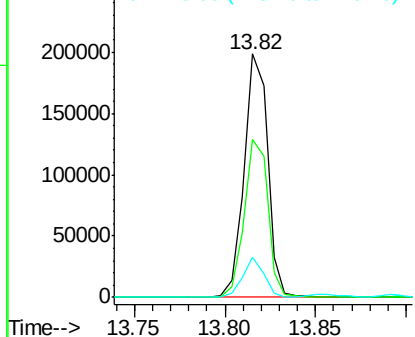
#81
 3,3'-Dichlorobenzidine
 Concen: 26.45 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion:252 Resp: 179806
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.5 77.3
 126 16.3 15.8 23.8

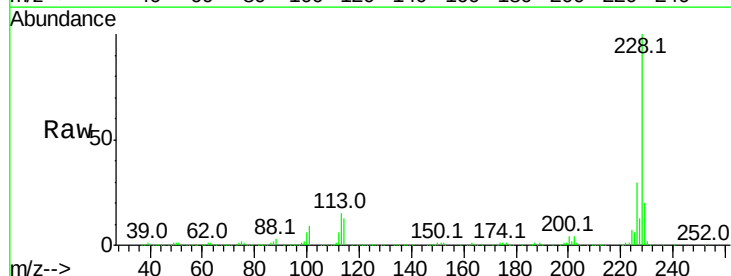


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

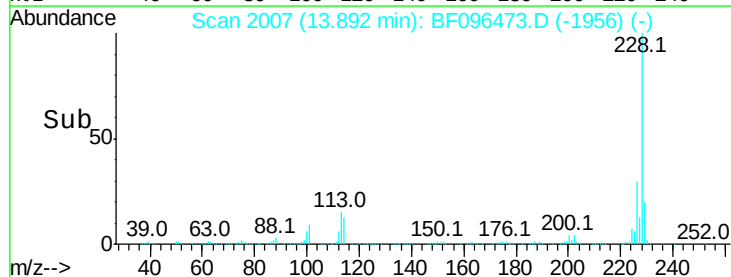
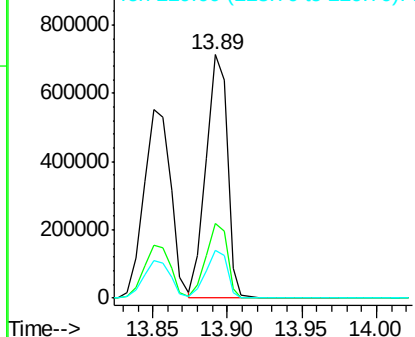


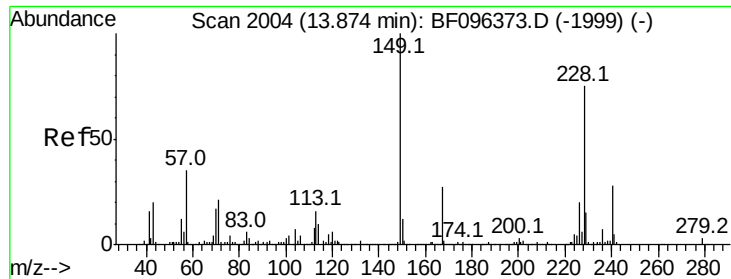
#82
 Chrysene
 Concen: 40.64 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:228 Resp: 704344
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.6 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

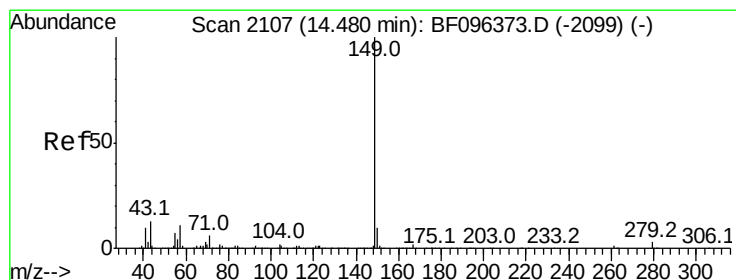
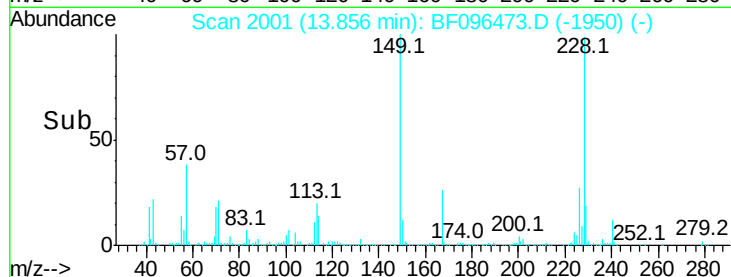
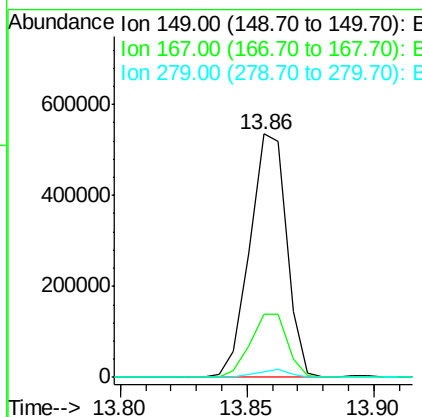
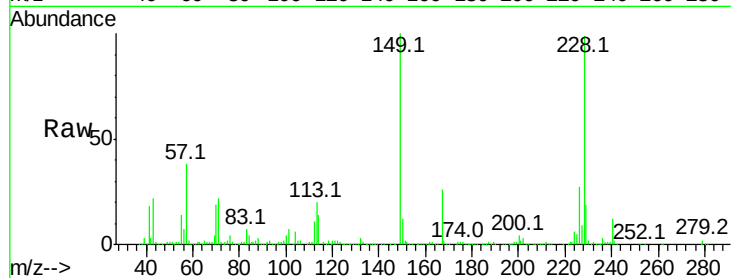




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.00 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

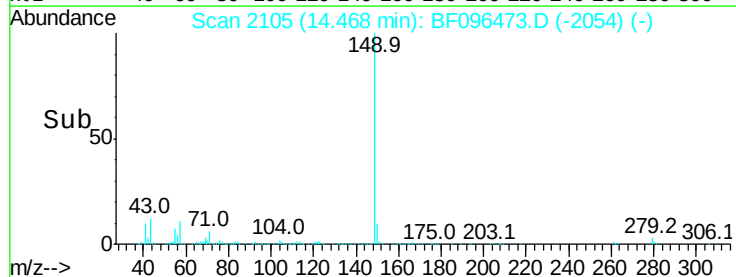
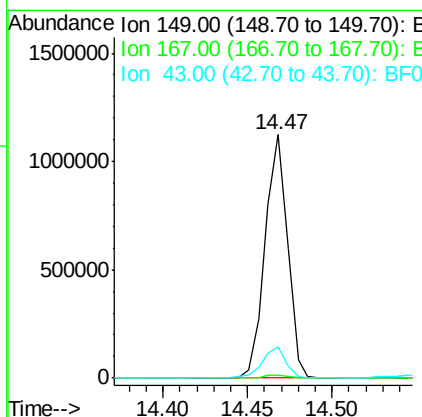
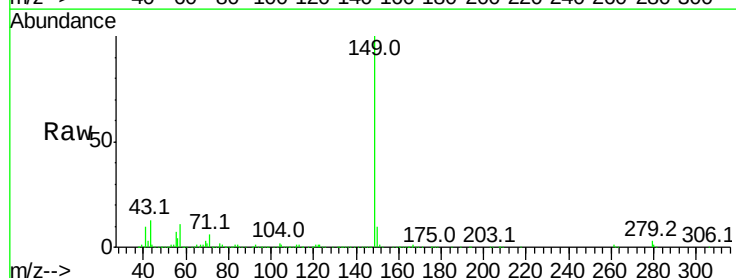
Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

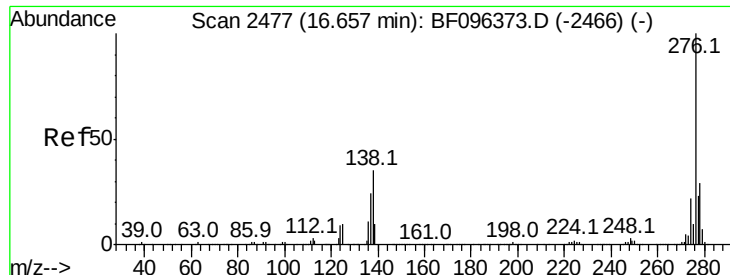
Tot Ion:149	Resp:	544359
Ion	Ratio	Lower Upper
149	100	
167	26.1	21.0 31.4
279	2.4	1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 40.56 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion:149	Resp:	1035129
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	12.5	8.5 12.7

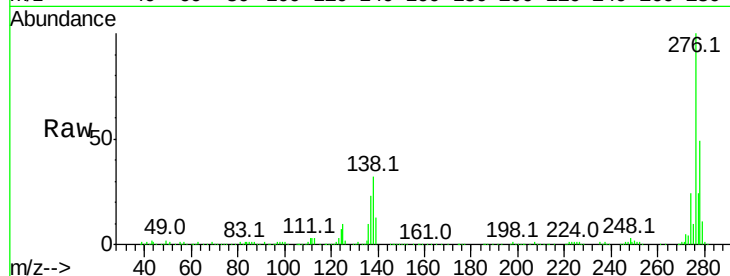




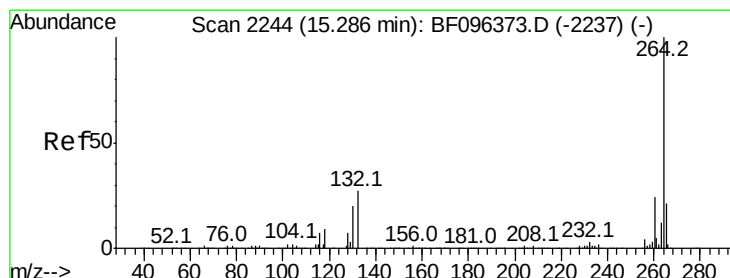
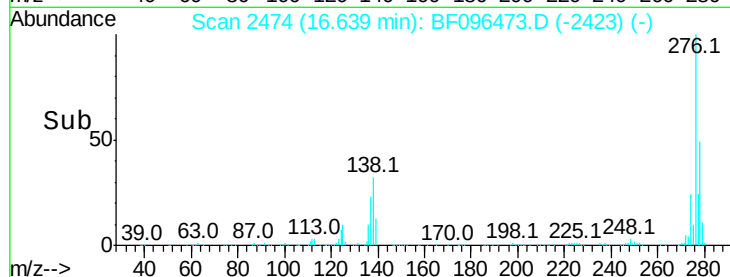
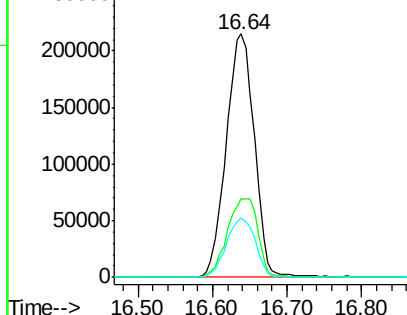
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.23 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.2	20.2	30.4

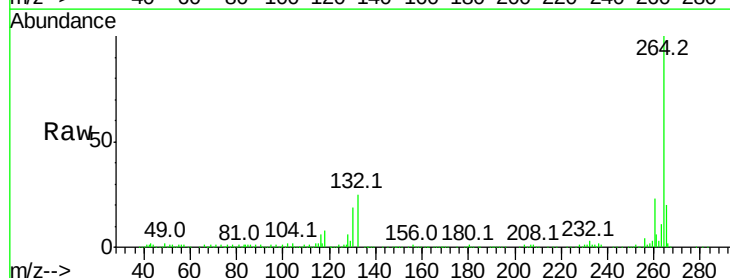


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

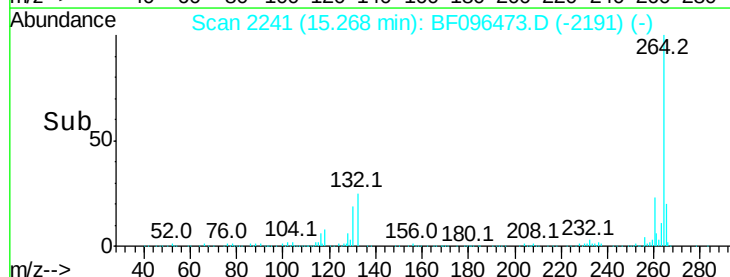
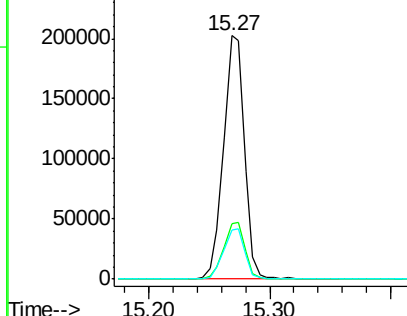


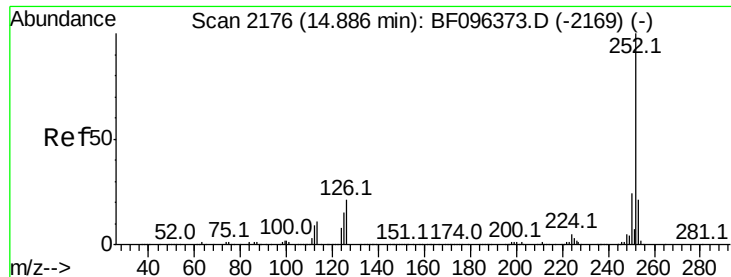
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096473.D
 Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 38.76 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

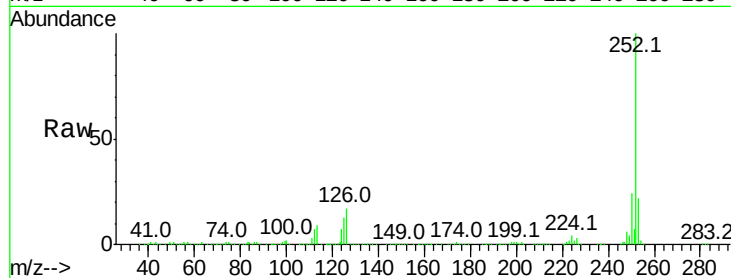
Tot Ion:252 Resp: 590460

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

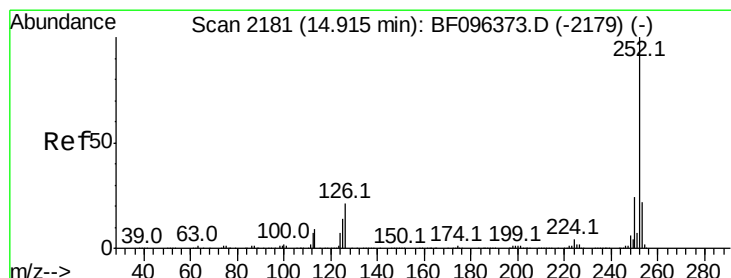
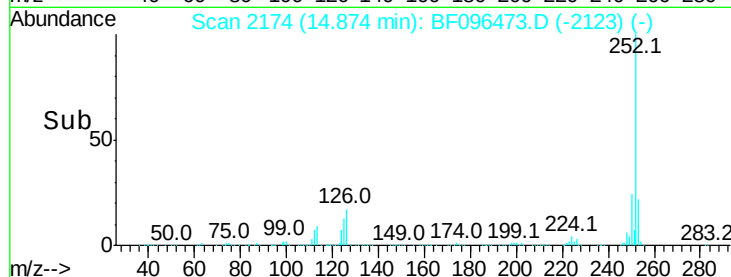
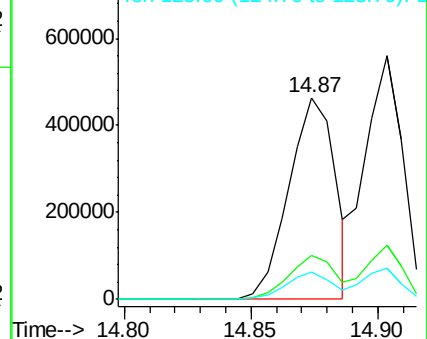
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.72 ng m

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

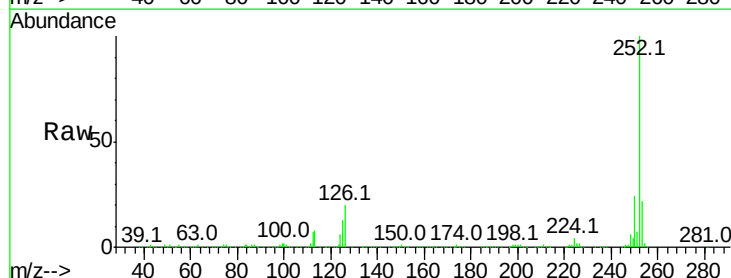
Tgt Ion:252 Resp: 582199

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

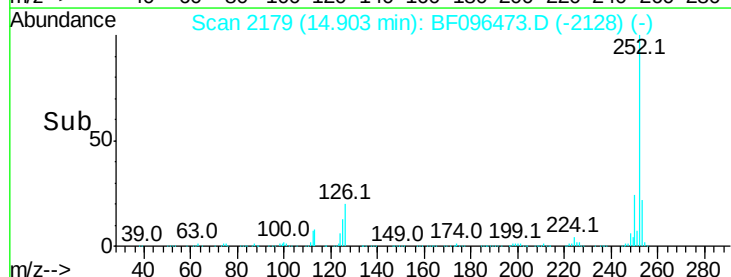
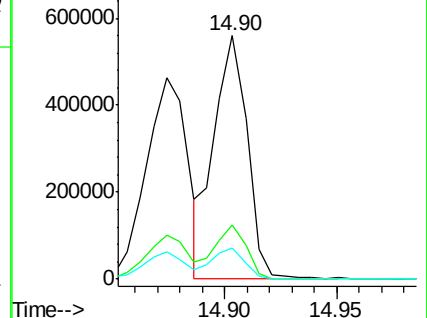
125 12.8 13.1 19.7#

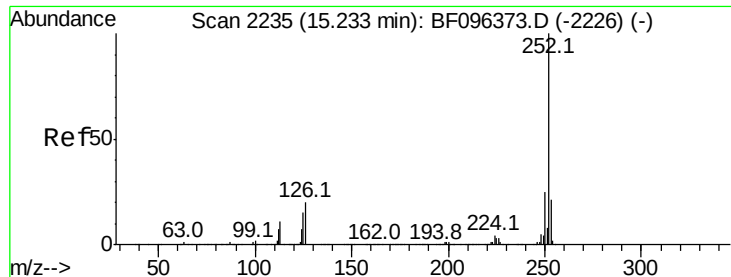


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

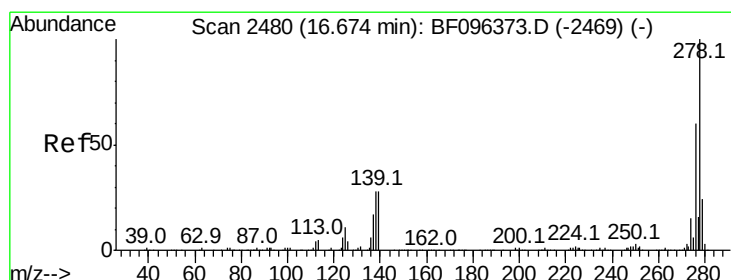
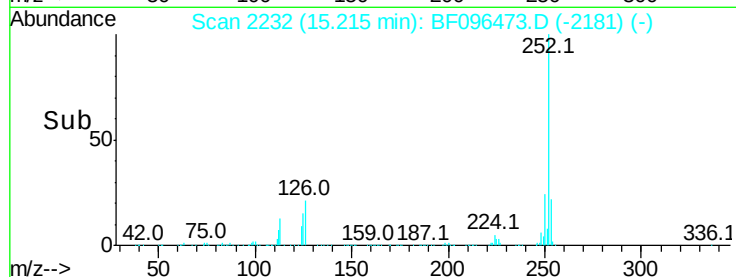
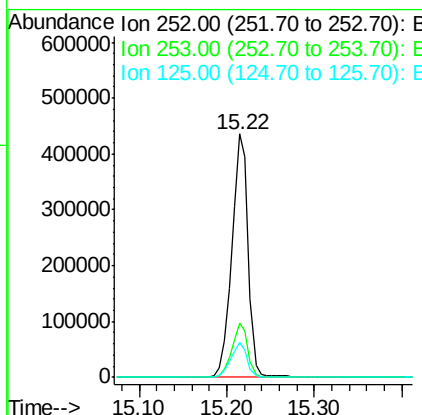
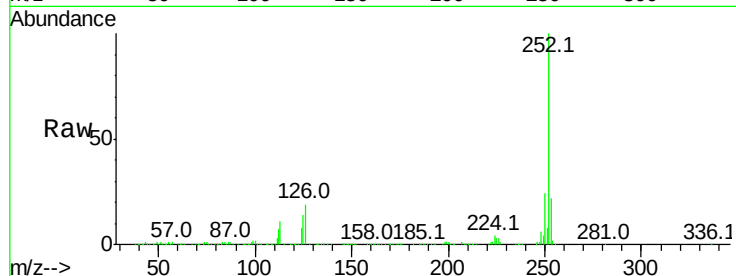




#89
Benzo(a)pyrene
Concen: 40.90 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

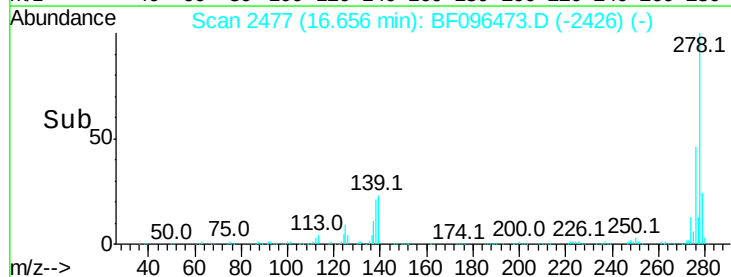
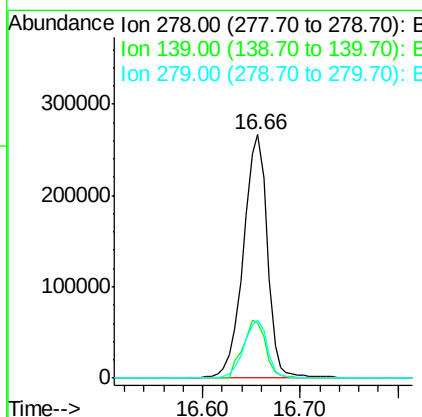
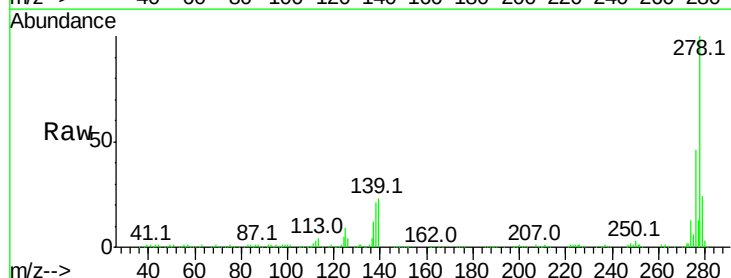
Instrument :
BNA_F
ClientSampleId :
PB100369BS

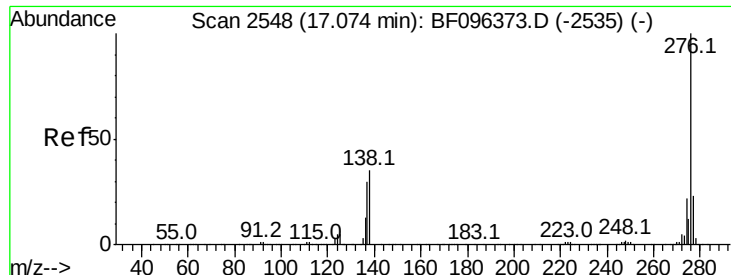
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.2	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.77 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.00 min
Lab File: BF096473.D
Acq: 5 Jul 2017 10:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.69 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BF096473.D

Acq: 5 Jul 2017 10:18

Instrument :

BNA_F

ClientSampleId :

PB100369BS

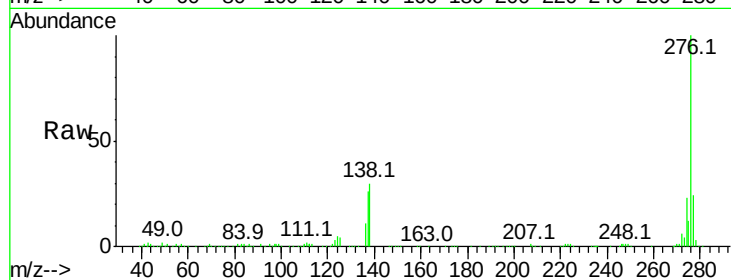
Tot Ion:276 Resp: 484419

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 30.3 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

