

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096605.D
 Acq On : 10 Jul 2017 17:12
 Operator : SJ/JU
 Sample : PB100517BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:22:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114891	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	479089	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207183	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	328499	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	179154	20.00	ng	-0.02
86) Perylene-d12	15.22	264	181368	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	880321	113.09	ng	0.00
7) Phenol-d6	6.33	99	1065366	111.33	ng	-0.01
23) Nitrobenzene-d5	7.25	82	642827	80.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	214175	132.34	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1135548	93.71	ng	-0.02
78) Terphenyl-d14	12.78	244	752177	89.72	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	110569	29.96	ng	# 76
3) Pyridine	3.08	79	311974	30.81	ng	# 61
4) n-Nitrosodimethylamine	3.02	42	186181	37.25	ng	# 83
6) Aniline	6.35	93	373424	30.19	ng	# 86
8) 2-Chlorophenol	6.47	128	328390	39.56	ng	# 98
9) Benzaldehyde	6.23	77	182636	30.50	ng	# 100
10) Phenol	6.35	94	395267	36.26	ng	# 83
11) bis(2-Chloroethyl)ether	6.43	93	319242	37.89	ng	# 94
12) 1,3-Dichlorobenzene	6.63	146	347750	39.95	ng	# 99
13) 1,4-Dichlorobenzene	6.70	146	356472	40.98	ng	# 96
14) 1,2-Dichlorobenzene	6.86	146	325857	40.80	ng	# 97
15) Benzyl Alcohol	6.83	79	268670	42.00	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	681697	39.80	ng	# 92
17) 2-Methylphenol	6.95	107	266773	40.33	ng	# 99
18) Hexachloroethane	7.20	117	127014	40.27	ng	# 82
19) n-Nitroso-di-n-propylamine	7.11	70	219428	38.49	ng	# 85
20) 3+4-Methylphenols	7.10	107	318088	43.11	ng	# 82
22) Acetophenone	7.10	105	435577	41.61	ng	# 93
24) Nitrobenzene	7.27	77	330655	39.53	ng	# 91
25) Isophorone	7.51	82	604513	39.11	ng	# 96
26) 2-Nitrophenol	7.59	139	187363	42.32	ng	# 91
27) 2,4-Dimethylphenol	7.63	122	311293	41.30	ng	# 97
28) bis(2-Chloroethoxy)methane	7.72	93	414248	40.60	ng	# 99
29) 2,4-Dichlorophenol	7.83	162	275435	42.35	ng	# 96
30) 1,2,4-Trichlorobenzene	7.91	180	264262	43.08	ng	# 98
31) Naphthalene	7.99	128	958131	42.36	ng	# 99
32) Benzoic acid	7.76	122	210364	33.23	ng	# 94
33) 4-Chloroaniline	8.03	127	220218	23.44	ng	# 96
34) Hexachlorobutadiene	8.12	225	136564	43.40	ng	# 98
35) Caprolactam	8.41	113	60830	27.12	ng	# 67
36) 4-Chloro-3-methylphenol	8.53	107	290590	40.38	ng	# 87
37) 2-Methylnaphthalene	8.68	142	649626	45.12	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215864	40.13	ng	# 99
40) Hexachlorocyclopentadiene	8.84	237	239614	91.61	ng	# 98

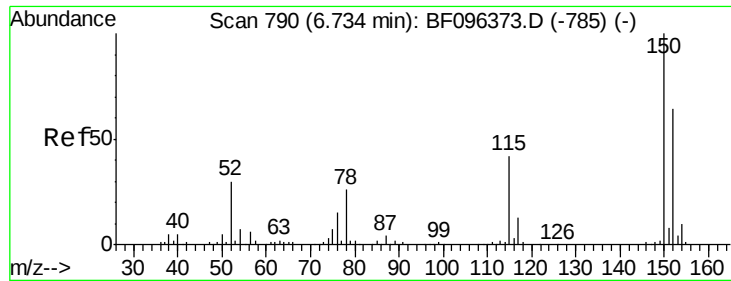
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	174495	41.00	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	184535	43.86	nq #	94
45) 1,1'-Biphenyl	9.15	154	715782	40.32	nq	98
46) 2-Chloronaphthalene	9.17	162	564631	42.68	nq	94
47) 2-Nitroaniline	9.26	65	196934	40.91	nq	91
48) Acenaphthylene	9.58	152	885136	42.22	nq	99
49) Dimethylphthalate	9.45	163	654200	42.30	nq	98
50) 2,6-Dinitrotoluene	9.50	165	145709	42.60	nq #	82
51) Acenaphthene	9.75	154	516145	39.95	nq	99
52) 3-Nitroaniline	9.67	138	103775	24.33	nq	93
53) 2,4-Dinitrophenol	9.78	184	136677	75.24	nq #	77
54) Dibenzofuran	9.93	168	764071	44.79	nq	98
55) 4-Nitrophenol	9.85	139	237281	67.11	nq #	70
56) 2,4-Dinitrotoluene	9.91	165	185714	42.88	nq #	81
57) Fluorene	10.27	166	542256	45.01	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.05	232	136782	46.98	nq	99
59) Diethylphthalate	10.15	149	622071	42.55	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	233381	44.52	nq	96
61) 4-Nitroaniline	10.28	138	154470	39.82	nq	91
62) Azobenzene	10.42	77	609152	43.09	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	93745	41.38	nq	92
65) n-Nitrosodiphenylamine	10.38	169	512749	44.49	nq	97
66) 4-Bromophenyl-phenylether	10.75	248	149136	46.64	nq	98
67) Hexachlorobenzene	10.82	284	155069	44.30	nq #	90
68) Atrazine	10.90	200	146379	44.45	nq	94
69) Pentachlorophenol	11.01	266	156300	75.34	nq	96
70) Phenanthrene	11.22	178	790107	44.49	nq	98
71) Anthracene	11.27	178	811639	44.85	nq	99
72) Carbazole	11.43	167	745193	40.95	nq	98
73) Di-n-butylphthalate	11.76	149	902068	40.92	nq	99
74) Fluoranthene	12.40	202	714656	41.05	nq	99
76) Benzidine	12.52	184	304832	35.46	nq #	92
77) Pyrene	12.63	202	726148	50.50	nq	100
79) Butylbenzylphthalate	13.25	149	317767	43.65	nq #	77
80) Benzo(a)anthracene	13.81	228	485139	46.76	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	130184	30.55	nq	98
82) Chrysene	13.85	228	489435	45.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	357517	44.00	nq	99
84) Di-n-octyl phthalate	14.43	149	653482	40.84	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	549528	64.08	nq	98
87) Benzo(b)fluoranthene	14.83	252	461929	40.65	nq	98
88) Benzo(k)fluoranthene	14.85	252	423336	41.64	nq	98
89) Benzo(a)pyrene	15.16	252	453487	44.70	nq	98
90) Dibenzo(a,h)anthracene	16.57	278	444538	55.69	nq	97
91) Benzo(g,h,i)perylene	16.96	276	488929	59.11	nq	99

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

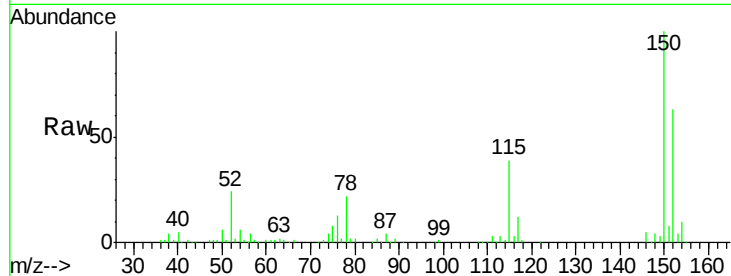


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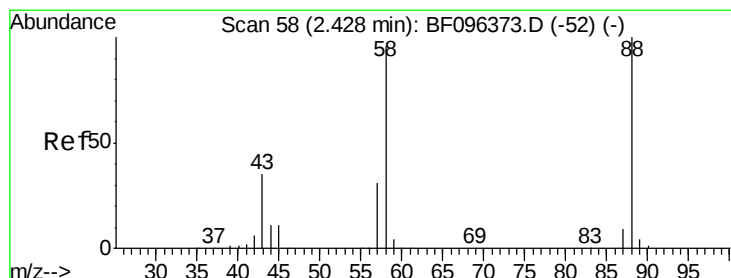
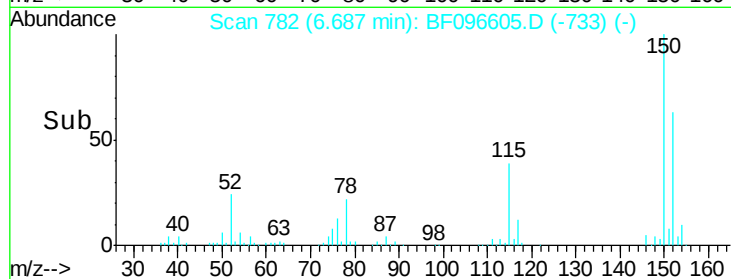
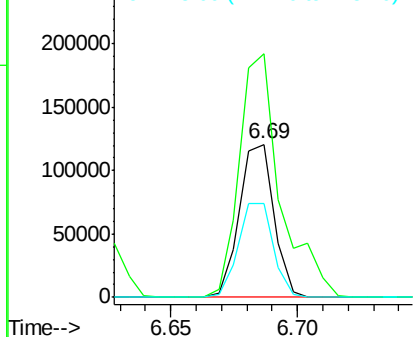
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114891
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 61.4 52.2 78.2



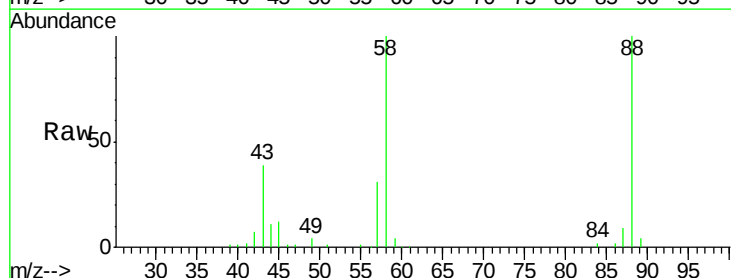
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



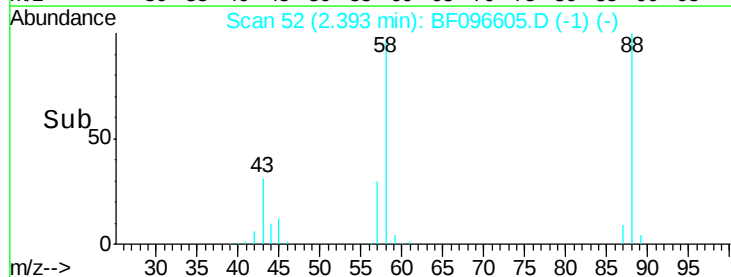
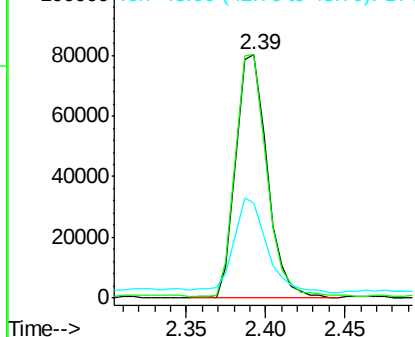
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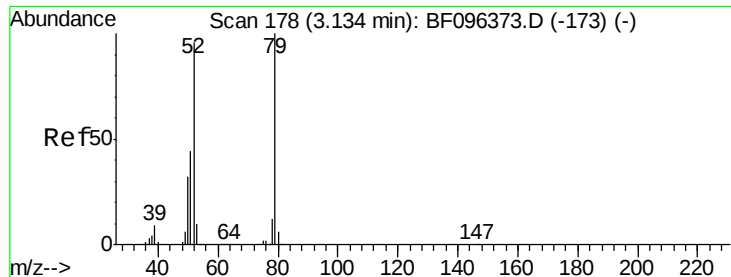
1,4-Dioxane
Concen: 29.96 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion: 88 Resp: 110569
Ion Ratio Lower Upper
88 100
58 98.5 61.4 92.0#
43 40.6 23.4 35.0#



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





#3

Pvridine

Concen: 30.81 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

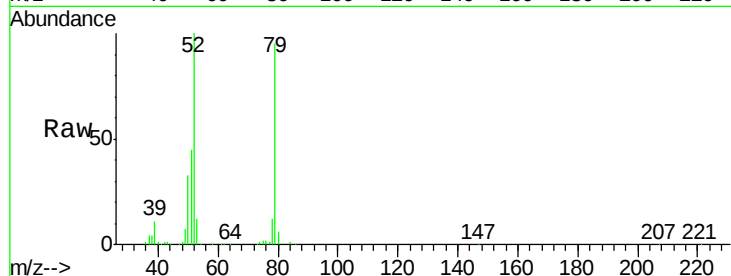
Tot Ion: 79 Resp: 311974

Ion Ratio Lower Upper

79 100

52 105.6 54.8 82.2#

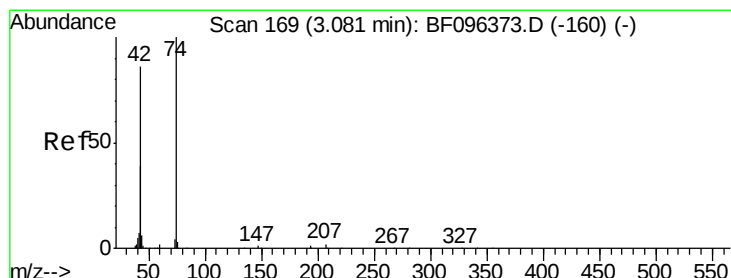
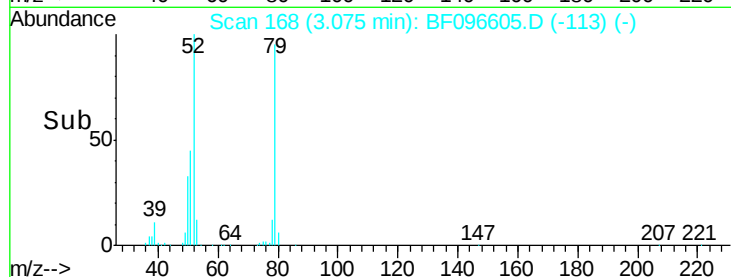
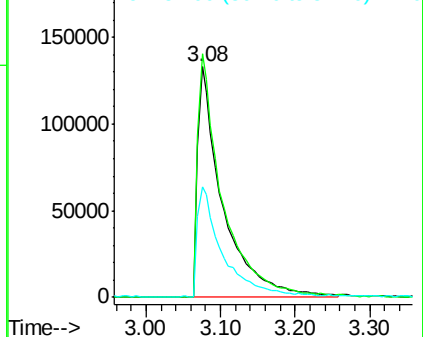
51 48.0 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.25 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

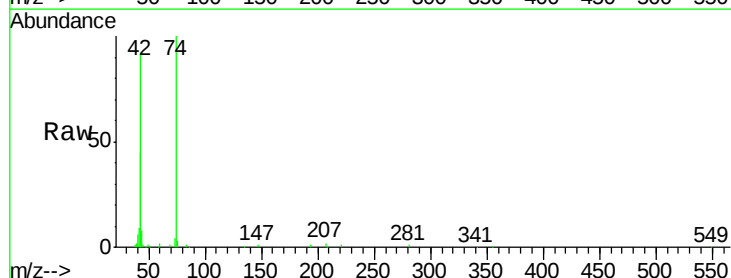
Tgt Ion: 42 Resp: 186181

Ion Ratio Lower Upper

42 100

74 109.2 103.9 155.9

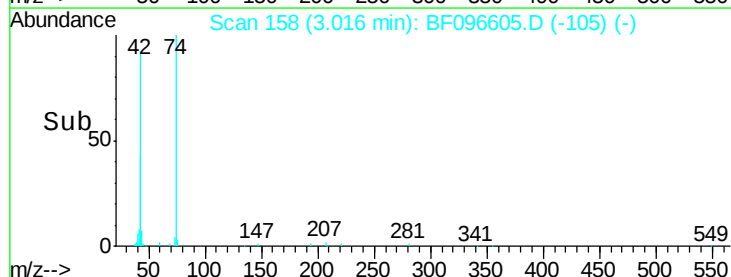
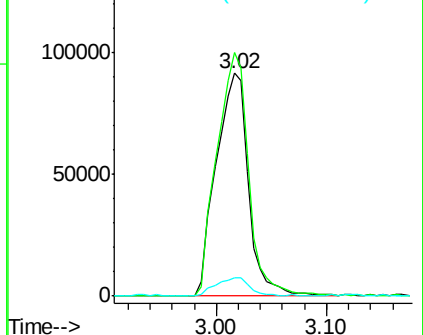
44 8.3 5.7 8.5

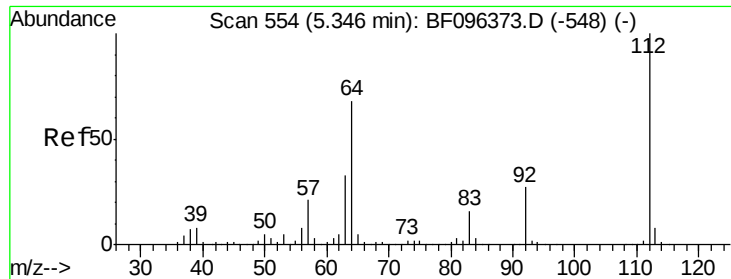


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.09 ng

RT: 5.30 min Scan# 547

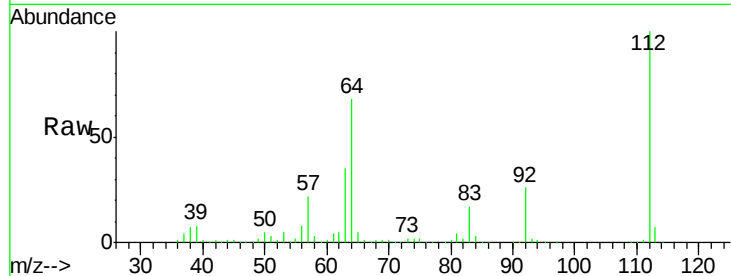
Delta R.T. -0.01 min

Lab File: BF096605.D

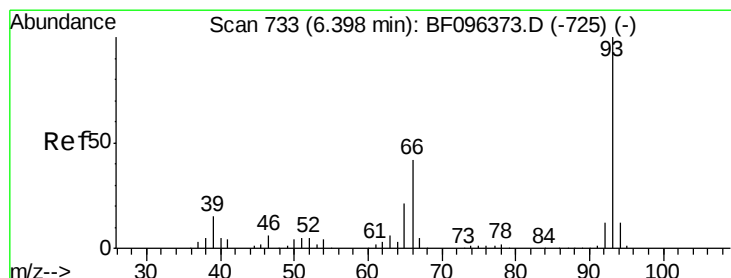
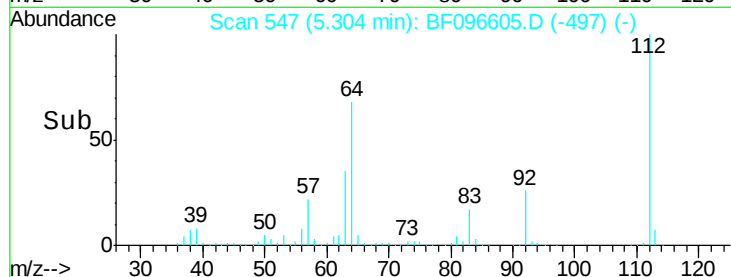
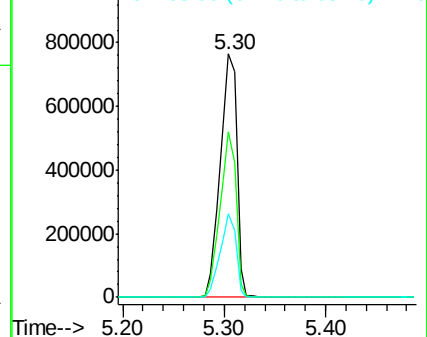
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	880321
Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.0	69.0
63	34.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 30.19 ng

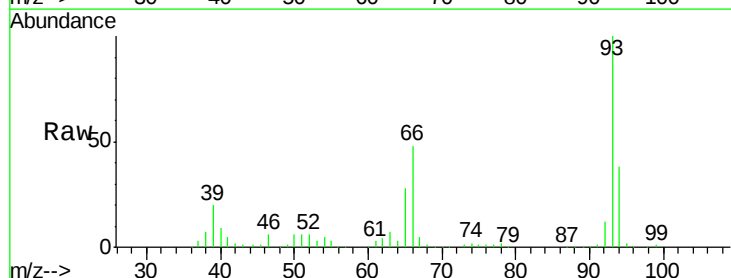
RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

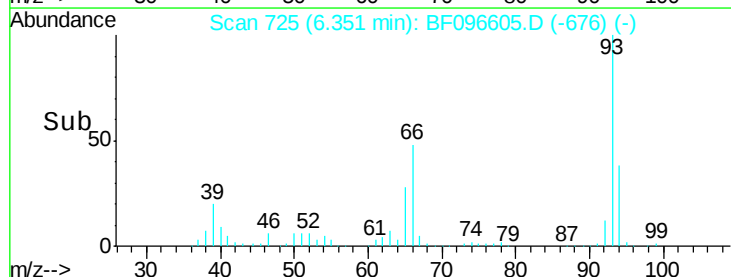
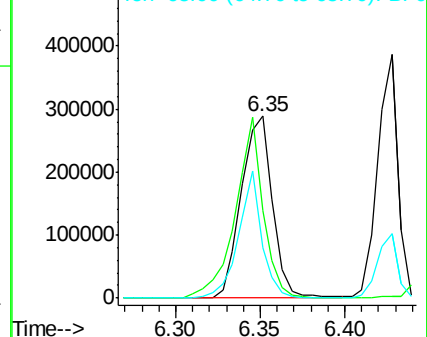
Lab File: BF096605.D

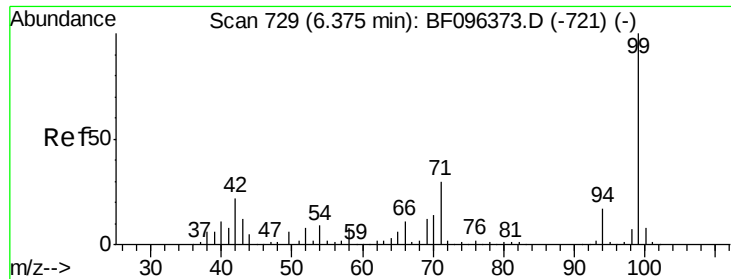
Acq: 10 Jul 2017 17:12

Tgt Ion:	93	Resp:	373424
Ion	Ratio	Lower	Upper
93	100		
66	48.4	32.9	49.3
65	28.0	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 111.33 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

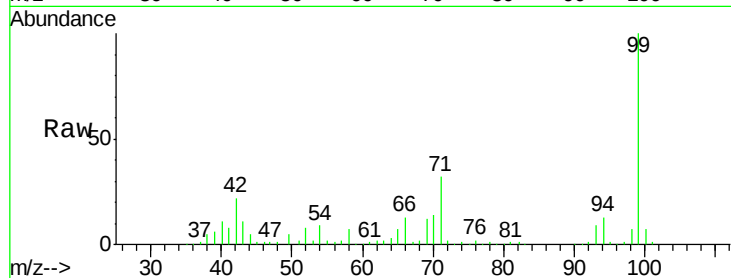
Instrument :

BNA_F

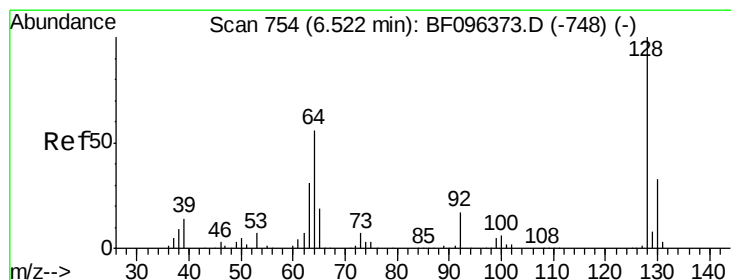
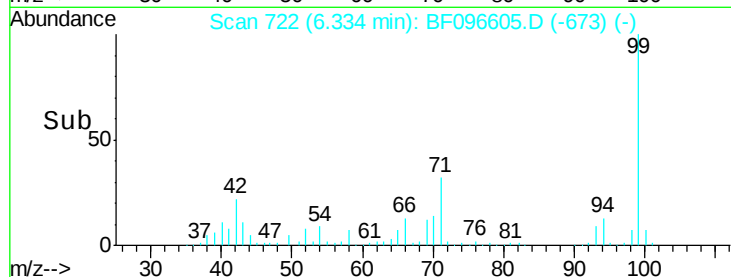
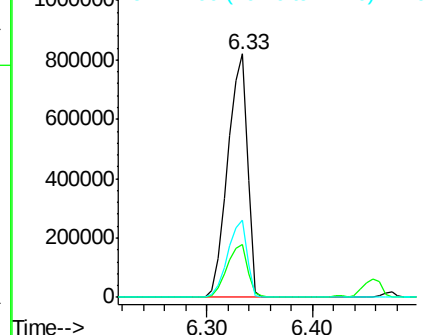
ClientSampleId :

Tot Ion: 99 Resp: 1065366

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.56 ng

RT: 6.47 min Scan# 746

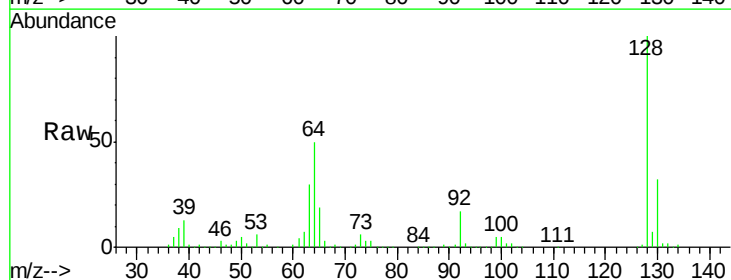
Delta R.T. -0.01 min

Lab File: BF096605.D

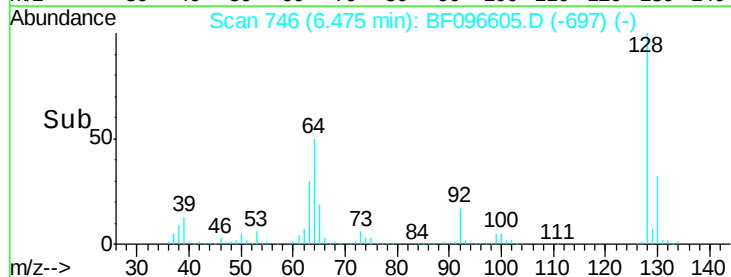
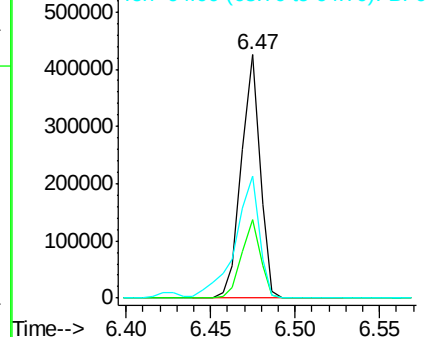
Acq: 10 Jul 2017 17:12

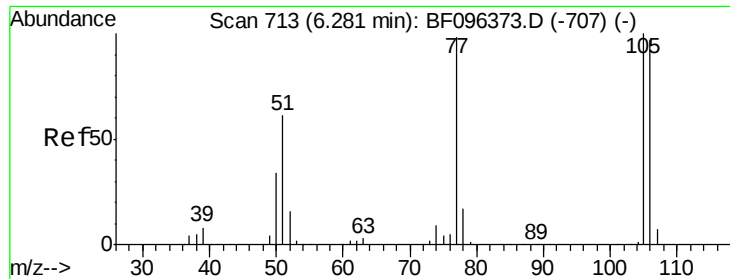
Tgt Ion: 128 Resp: 328390

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	50.3	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

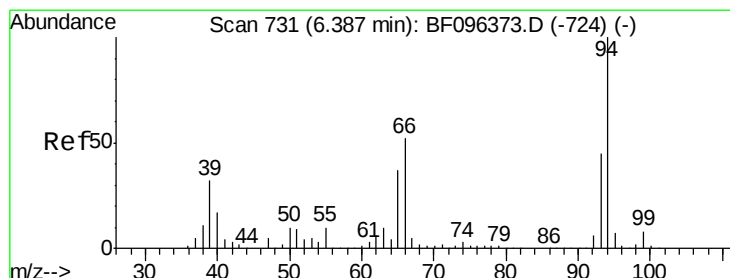
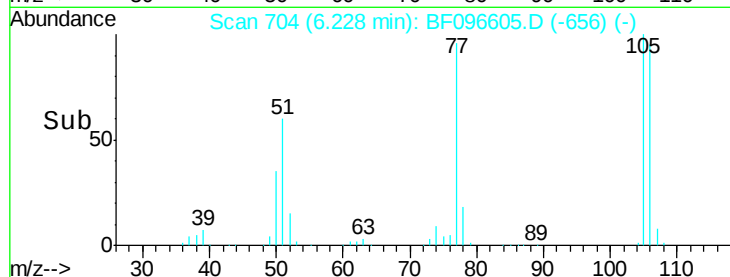
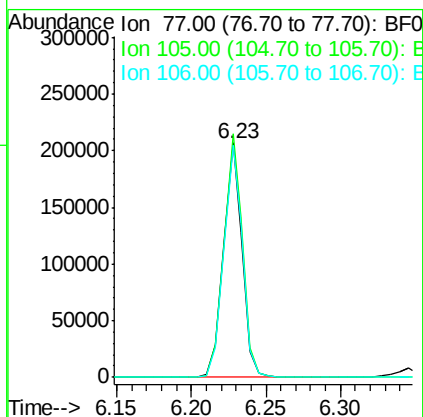
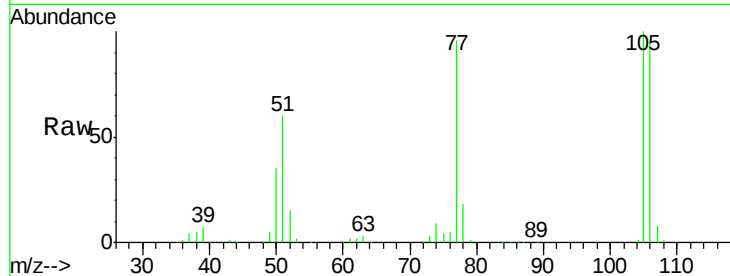




#9
Benzaldehyde
Concen: 30.50 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

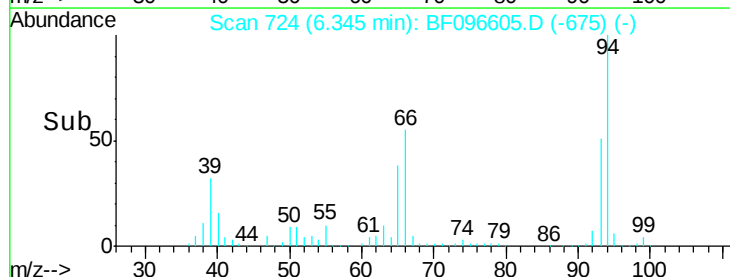
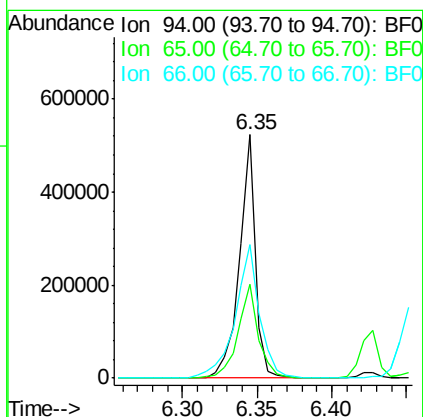
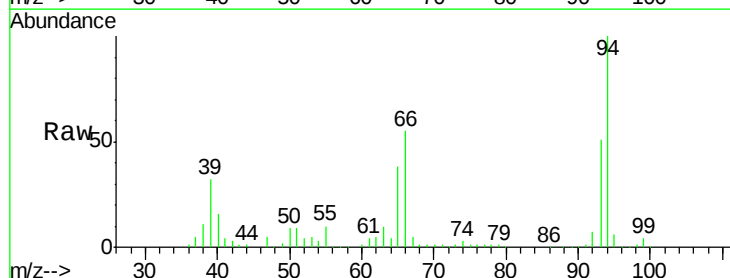
Instrument :
BNA_F
ClientSampled :

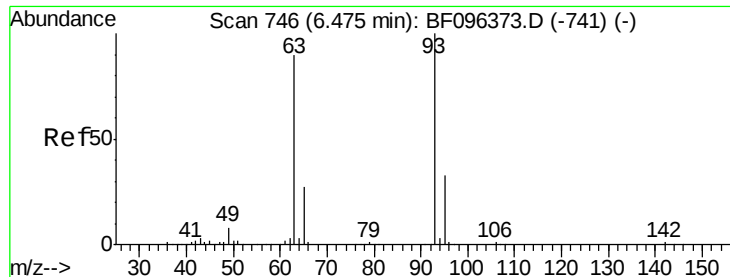
Tot Ion: 77 Resp: 182636
Ion Ratio Lower Upper
77 100
105 103.8 83.8 123.8
106 98.9 79.1 119.1



#10
Phenol
Concen: 36.26 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion: 94 Resp: 395267
Ion Ratio Lower Upper
94 100
65 38.4 9.9 49.9
66 54.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.89 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

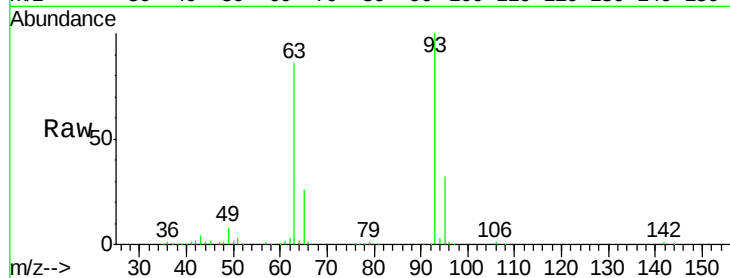
Tot Ion: 93 Resp: 319242

Ion Ratio Lower Upper

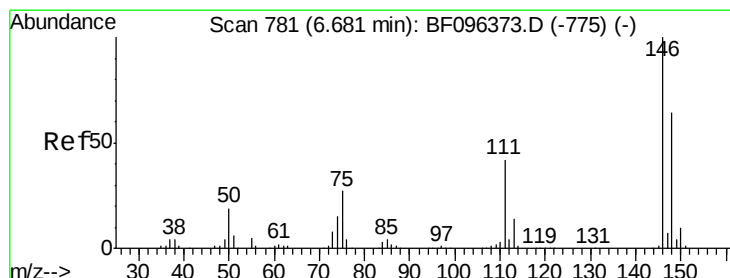
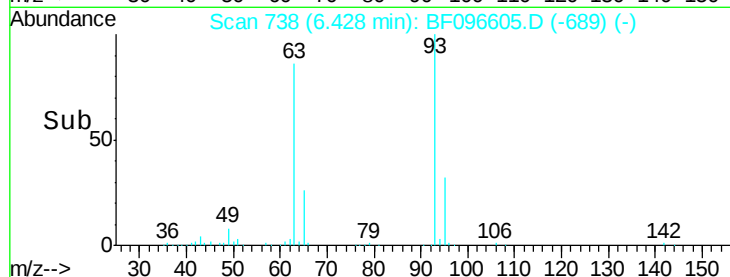
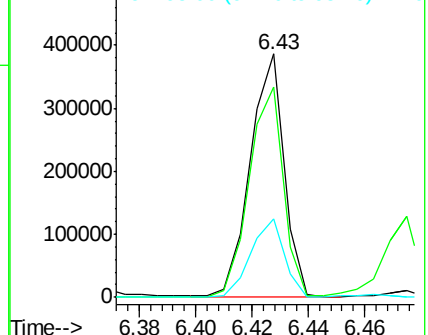
93 100

63 86.3 59.2 99.2

95 32.2 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: 39.95 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

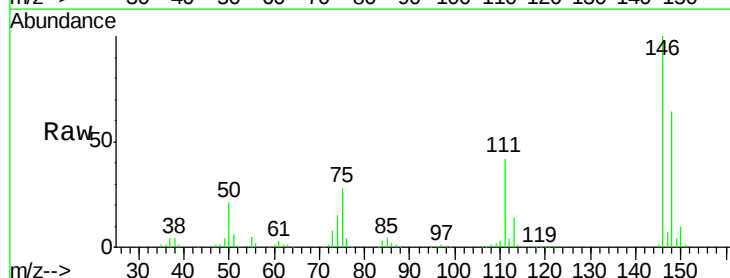
Tgt Ion: 146 Resp: 347750

Ion Ratio Lower Upper

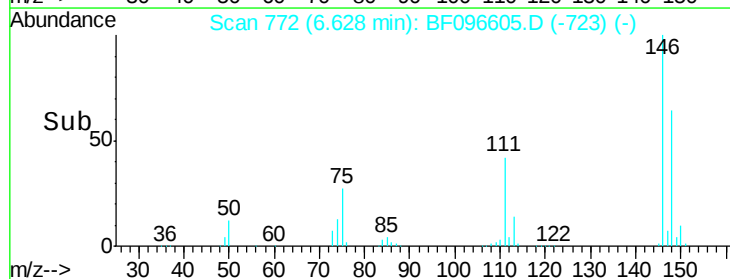
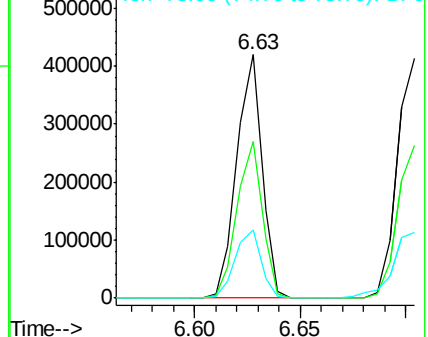
146 100

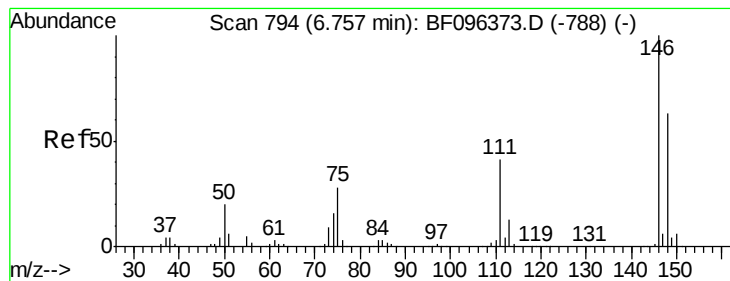
148 64.2 51.8 77.6

75 28.0 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: 40.98 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampled :

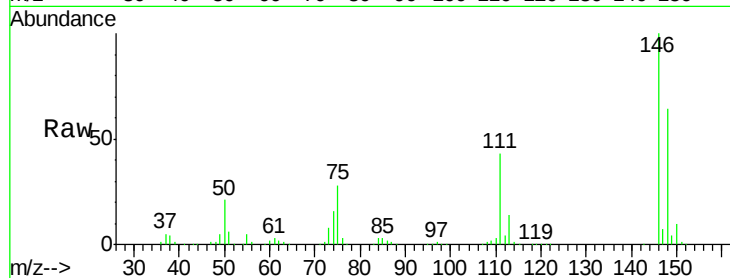
Tot Ion:146 Resp: 356472

Ion Ratio Lower Upper

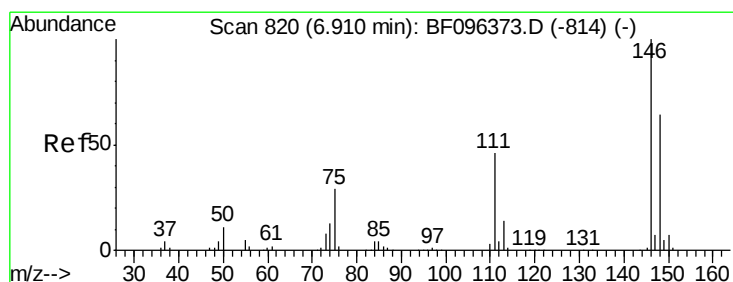
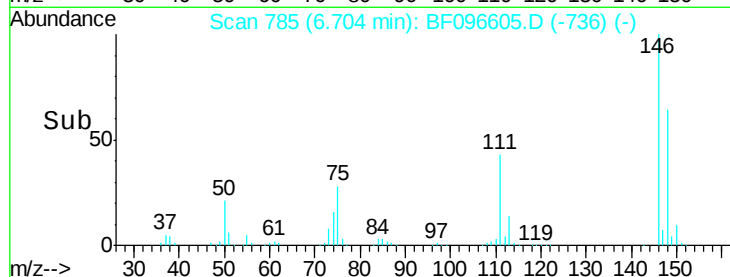
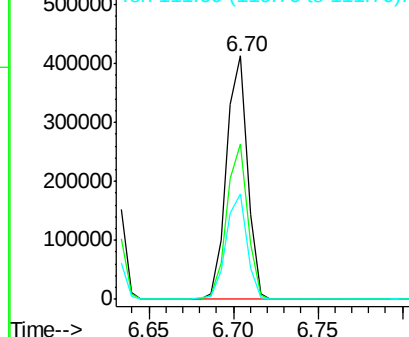
146 100

148 63.7 52.2 78.2

111 43.1 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.80 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

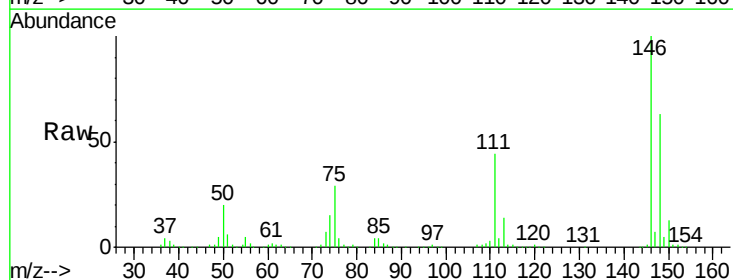
Tgt Ion:146 Resp: 325857

Ion Ratio Lower Upper

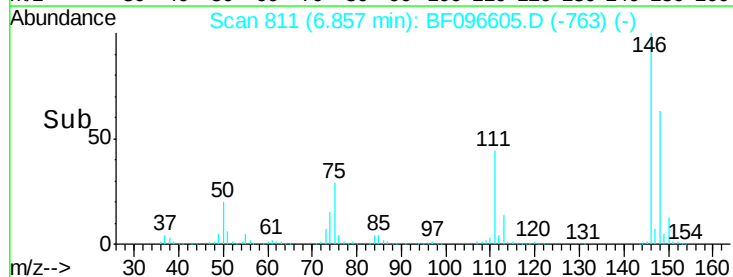
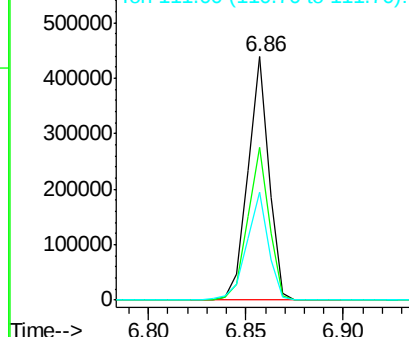
146 100

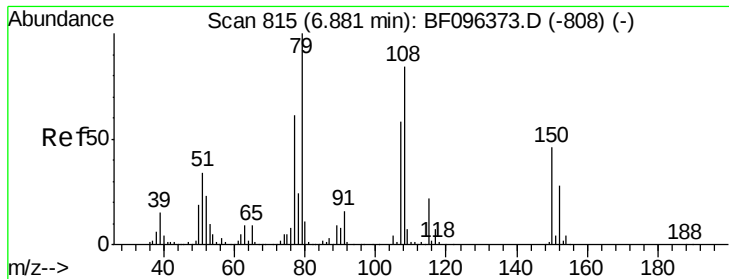
148 62.7 50.4 75.6

111 44.2 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 42.00 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

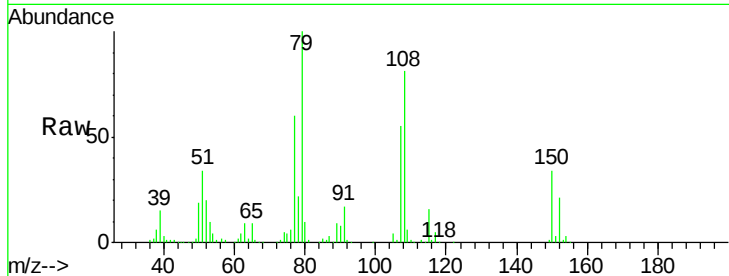
Tot Ion: 79 Resp: 268670

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

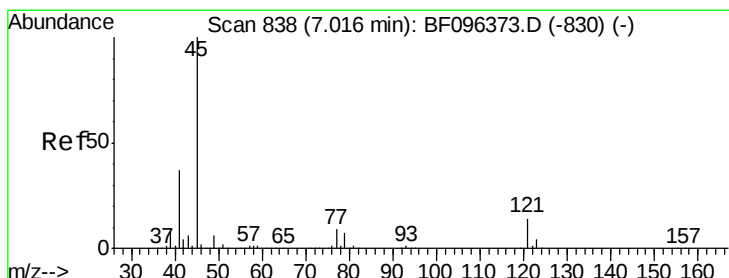
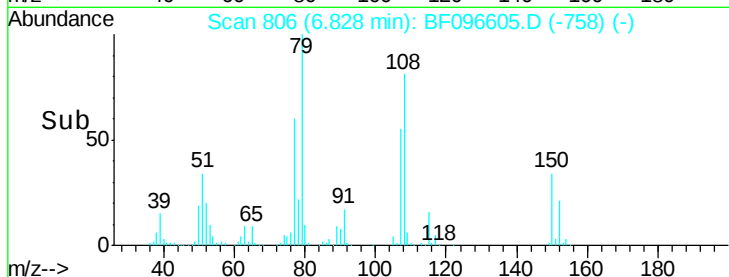
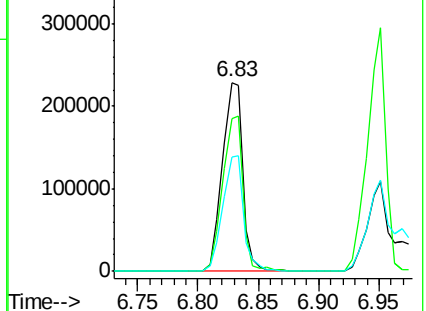
77 60.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.80 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

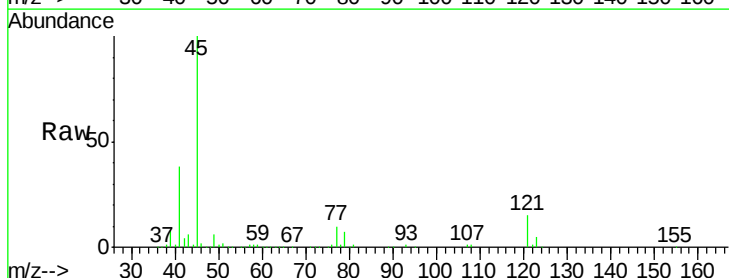
Tgt Ion: 45 Resp: 681697

Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

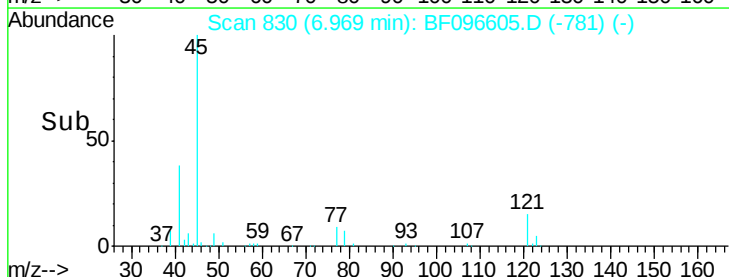
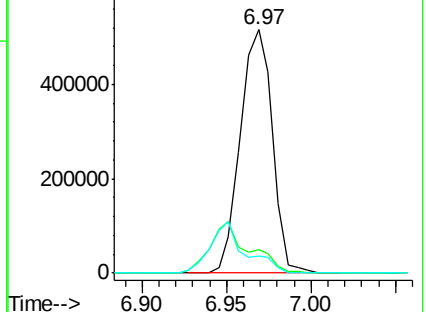
79 7.2 0.0 30.0

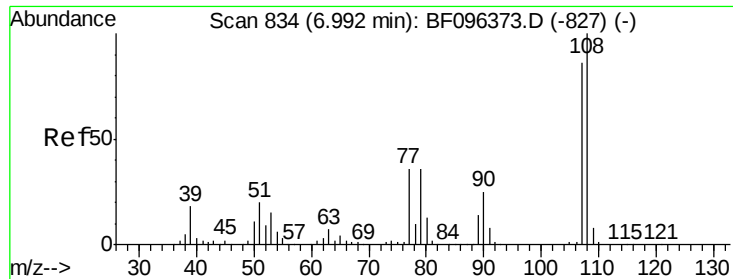


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

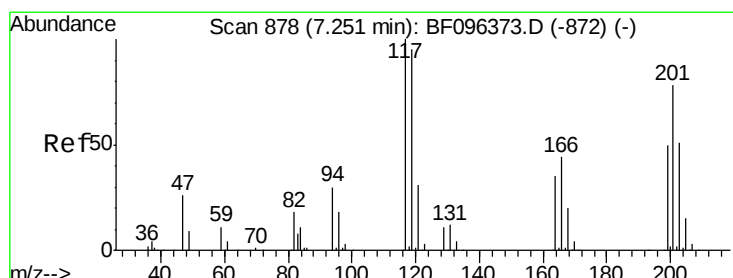
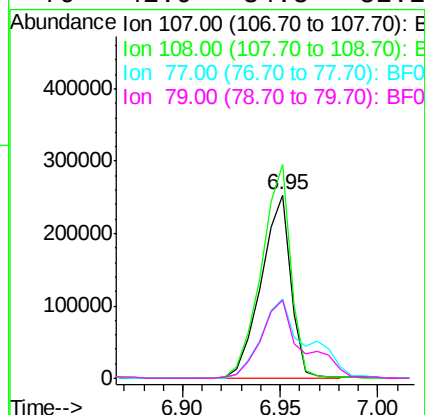
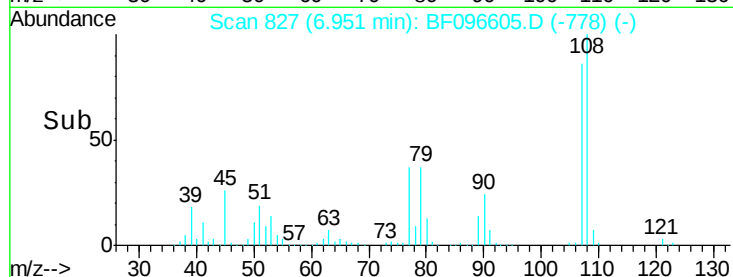
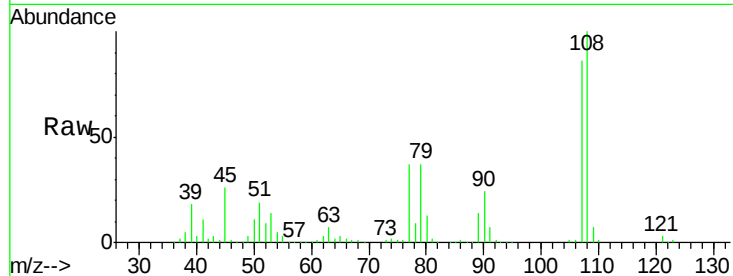




#17
2-Methylphenol
Concen: 40.33 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

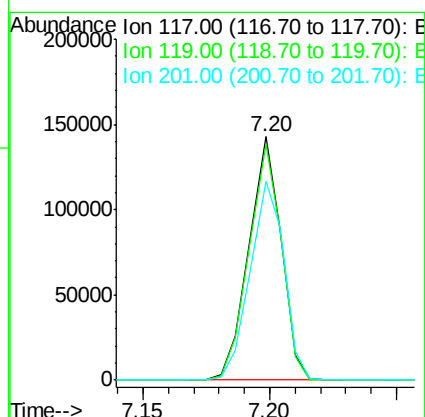
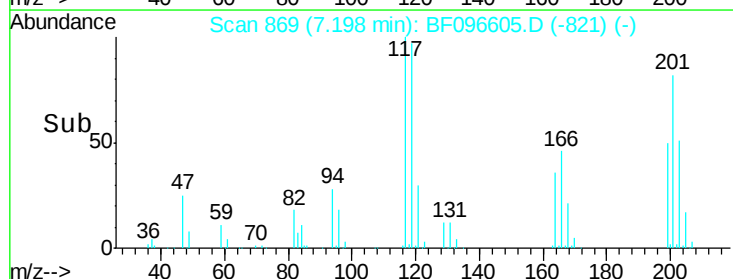
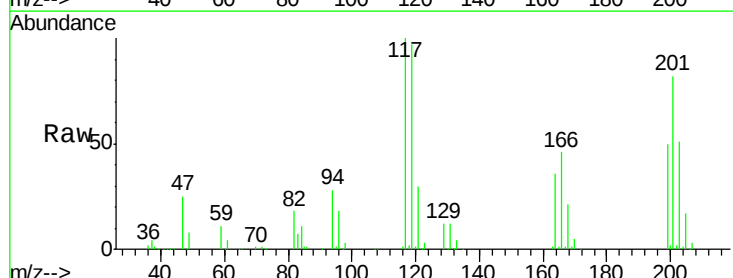
Instrument :
BNA_F
ClientSampleId :

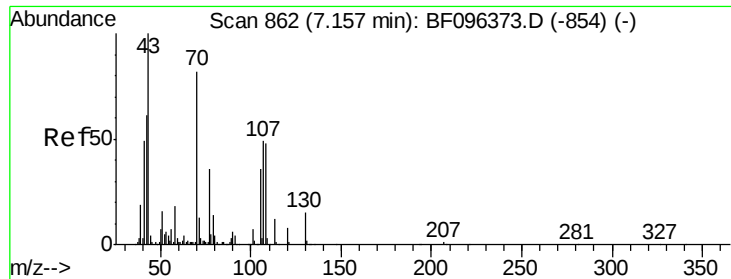
Tot Ion:	107	Resp:	266773
Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.4	140.0
77	43.6	35.8	53.6
79	42.9	34.8	52.2



#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:	117	Resp:	127014
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	81.8	94.6	141.8#

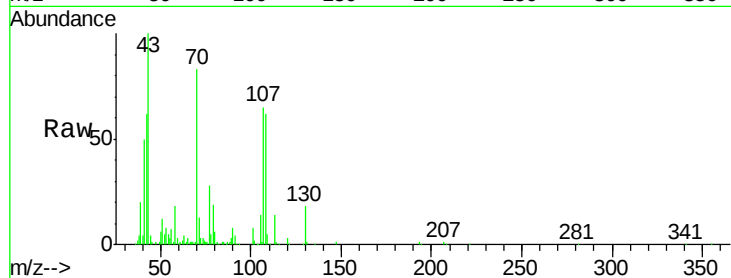




#19
n-Nitroso-di-n-propylamine
Concen: 38.49 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.7	47.2	70.8	
101	9.7	7.2	10.8	
130	22.0	15.9	23.9	



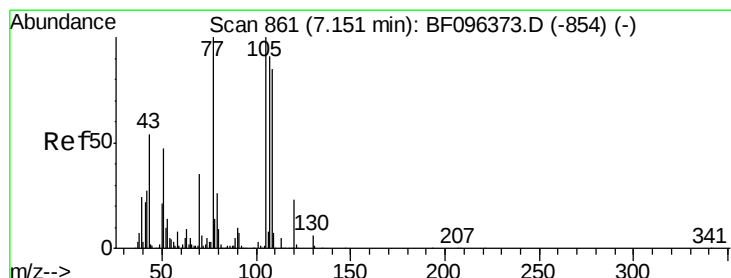
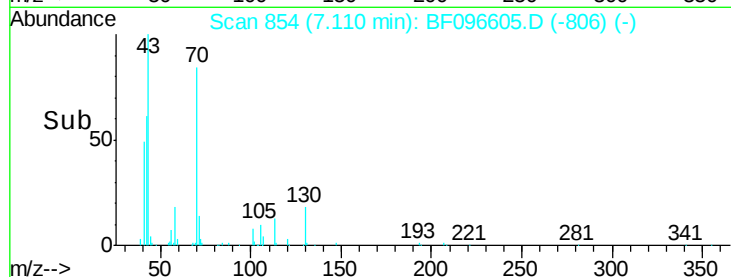
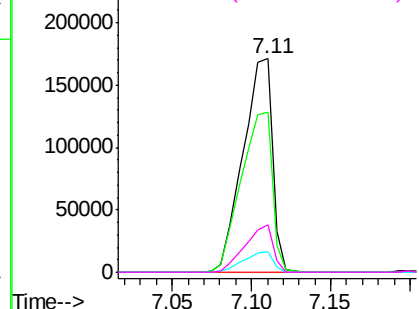
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

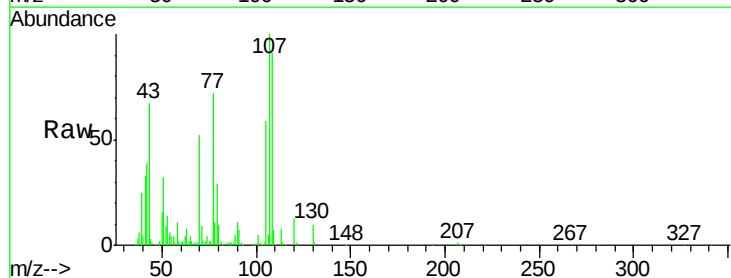
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 43.11 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	71.0	111.0	
77	71.7	90.5	130.5	
79	29.1	8.4	48.4	



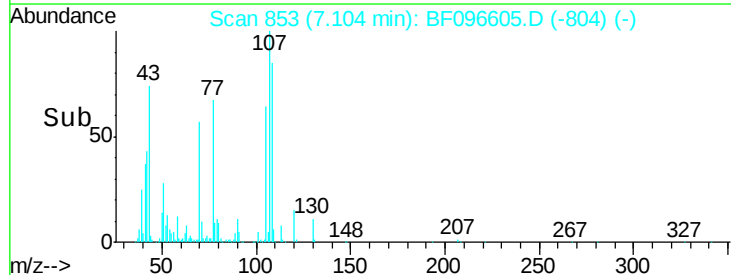
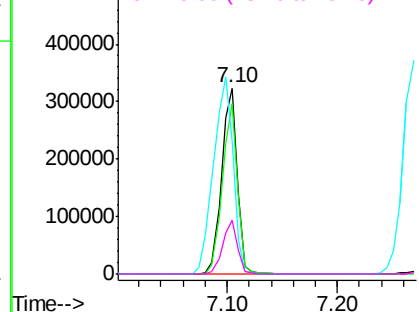
Abundance

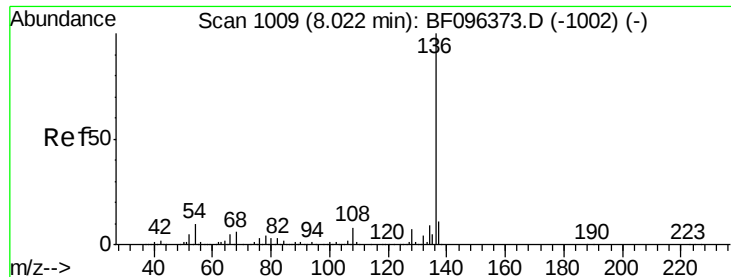
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 479089

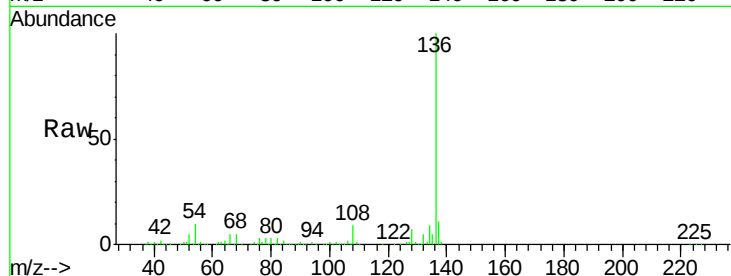
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.7 4.9 7.3#

68 5.0 4.1 6.1

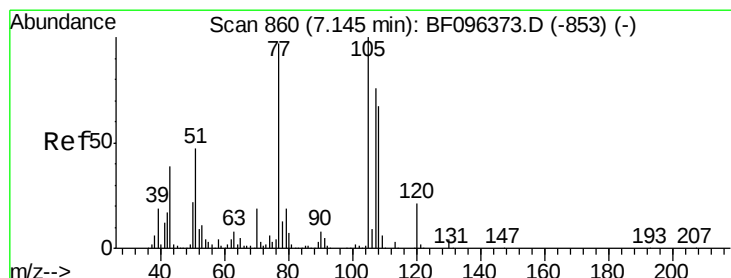
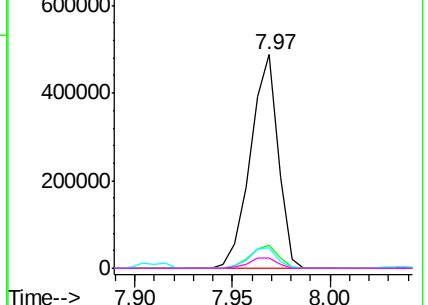
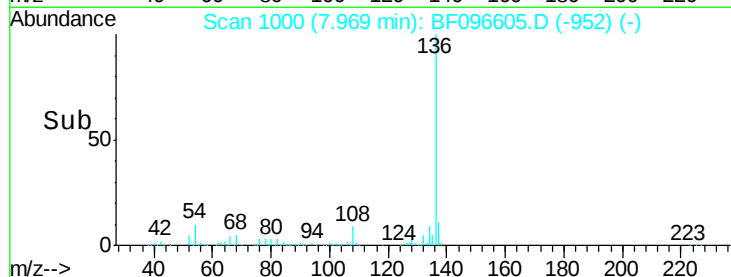


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.61 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:105 Resp: 435577

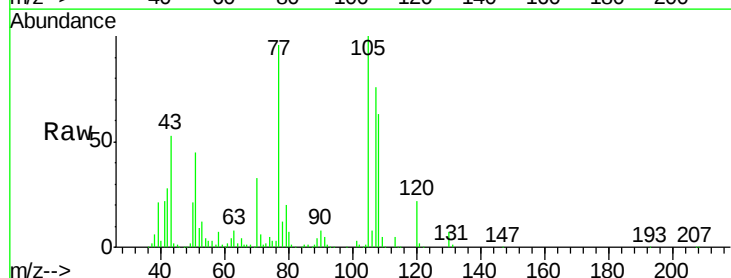
Ion Ratio Lower Upper

105 100

71 5.5 2.8 4.2#

51 45.0 30.7 46.1

120 22.2 17.4 26.0

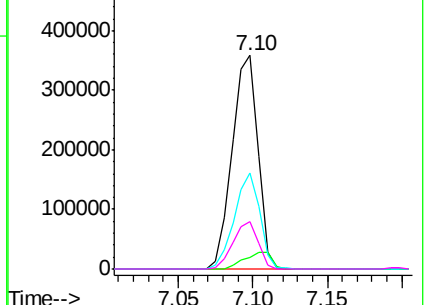
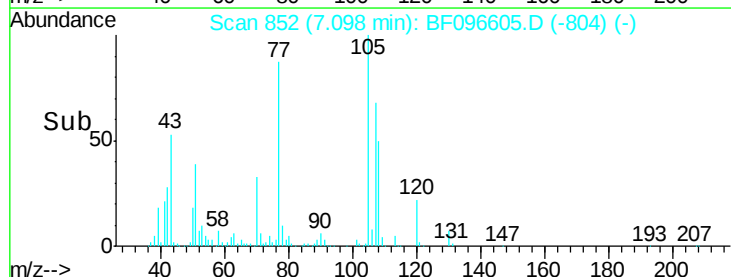


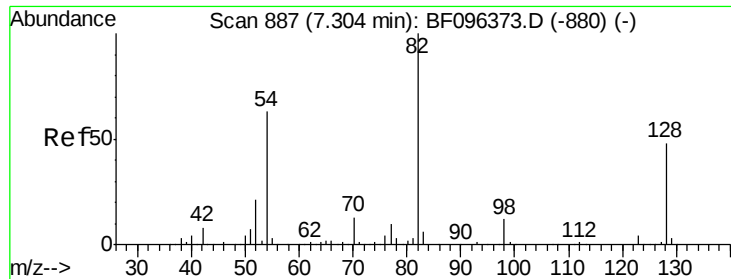
Abundance Ion 105.00 (104.70 to 105.70): E

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

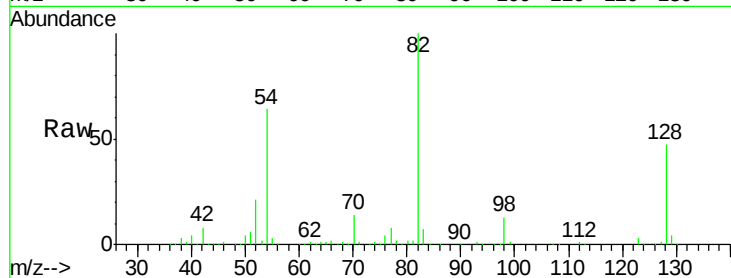




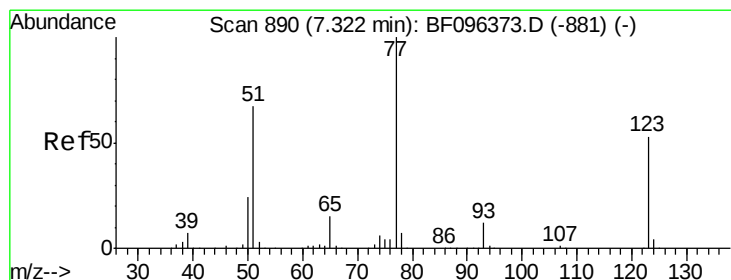
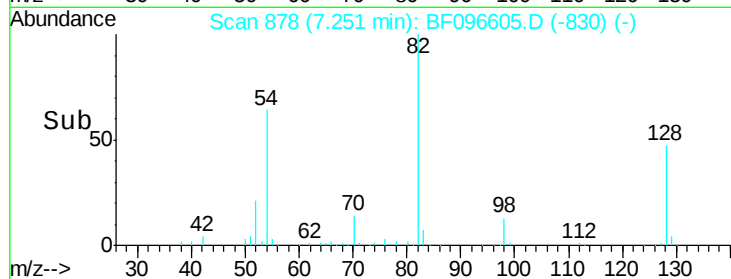
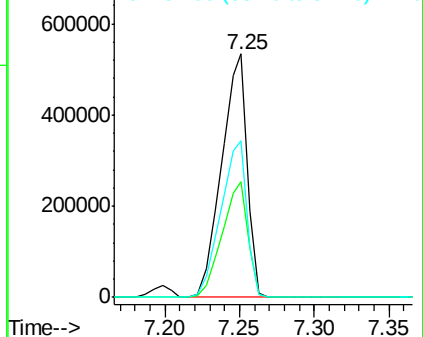
#23
Nitrobenzene-d5
Concen: 80.63 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 642827
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 64.3 42.2 63.2#

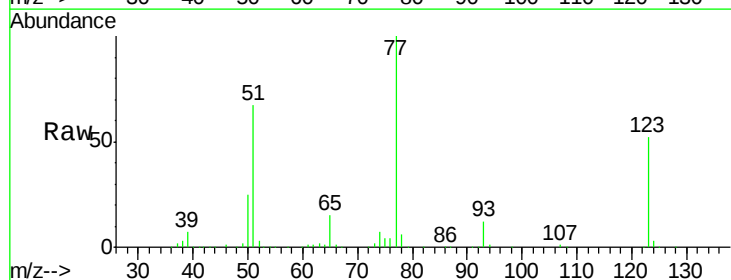


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

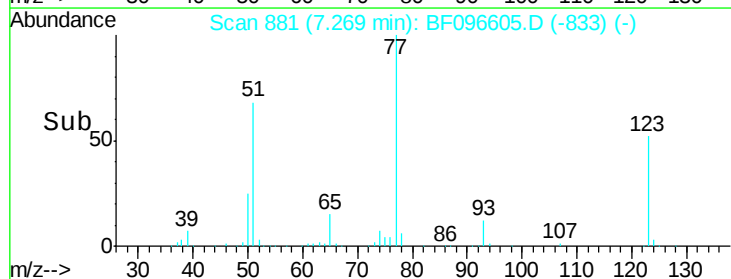
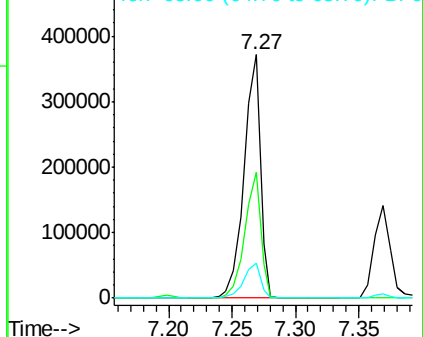


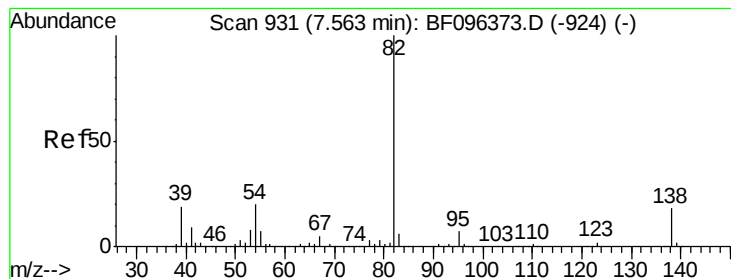
#24
Nitrobenzene
Concen: 39.53 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion: 77 Resp: 330655
Ion Ratio Lower Upper
77 100
123 51.9 35.8 53.8
65 14.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.11 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

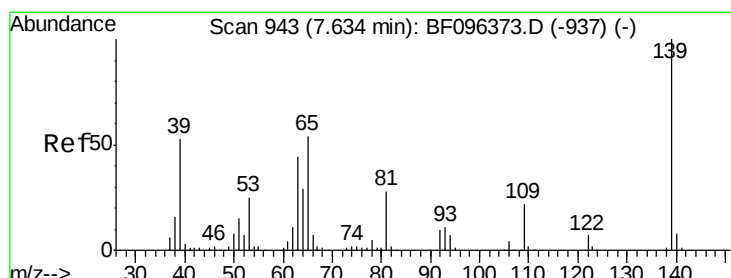
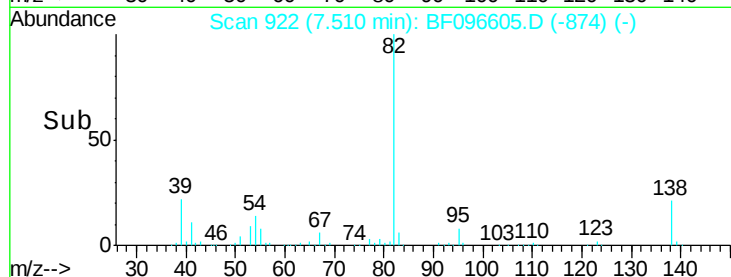
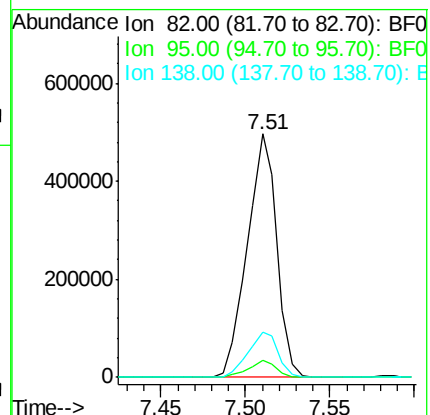
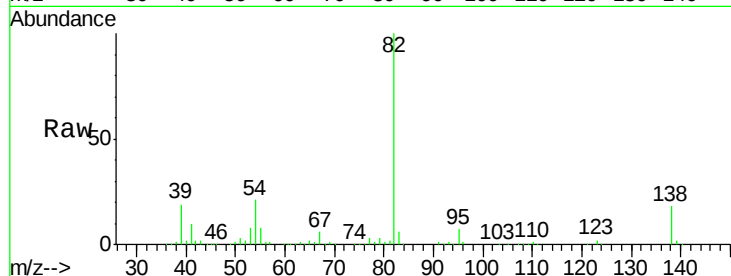
Tot Ion: 82 Resp: 604513

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 42.32 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

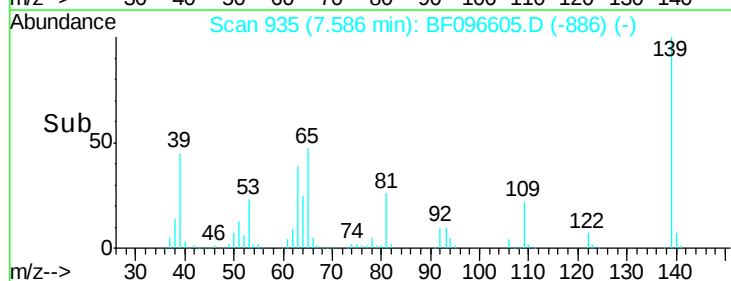
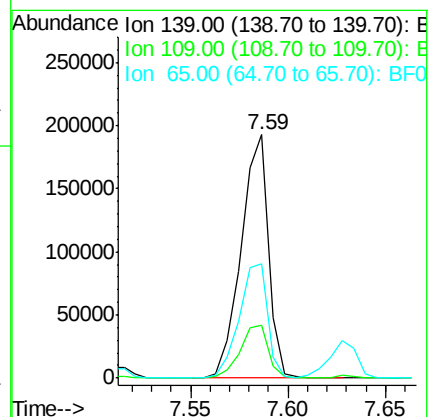
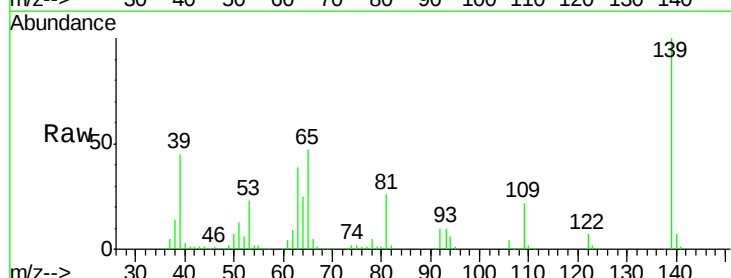
Tgt Ion: 139 Resp: 187363

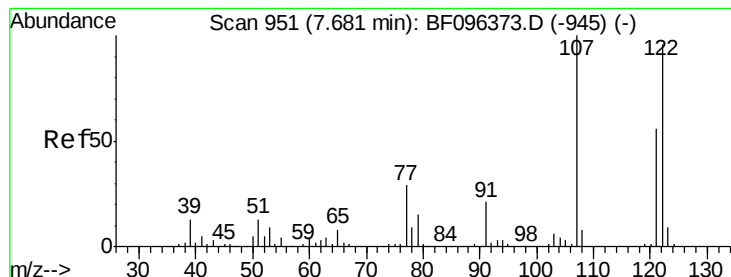
Ion Ratio Lower Upper

139 100

109 21.6 21.0 31.6

65 46.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.30 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

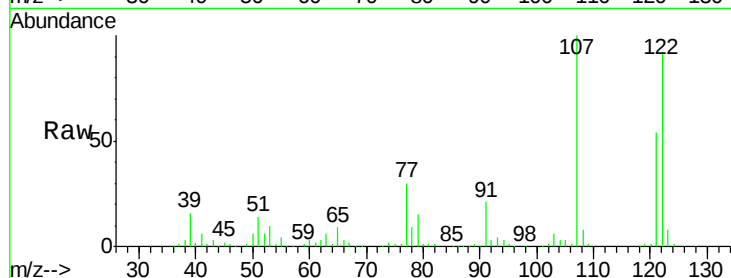
Tot Ion:122 Resp: 311293

Ion Ratio Lower Upper

122 100

107 108.4 89.2 133.8

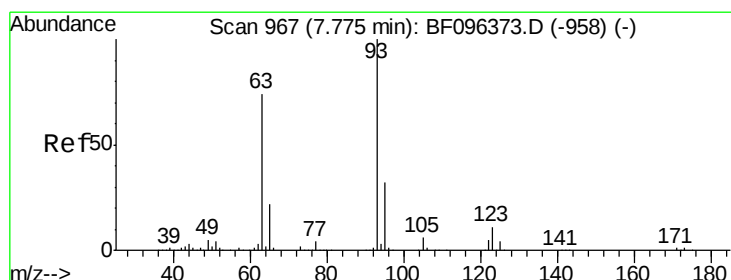
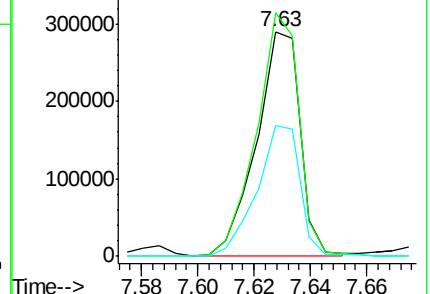
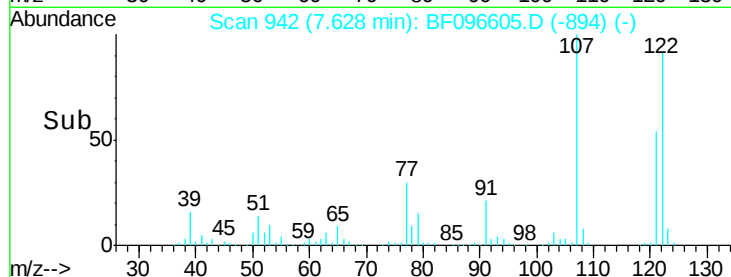
121 58.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.60 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

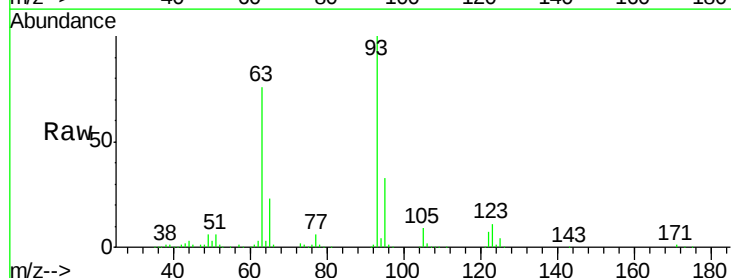
Tgt Ion: 93 Resp: 414248

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

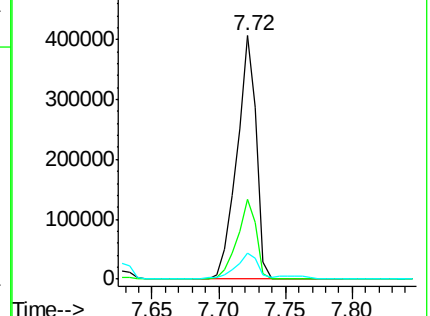
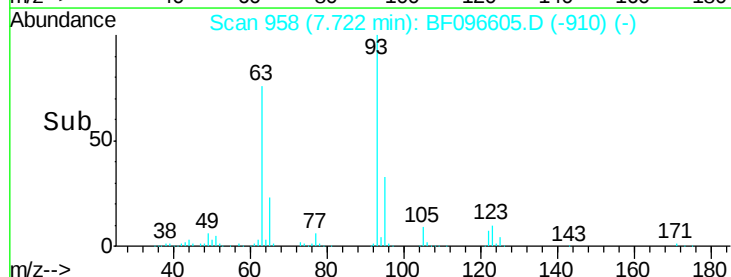
123 10.6 9.0 13.4

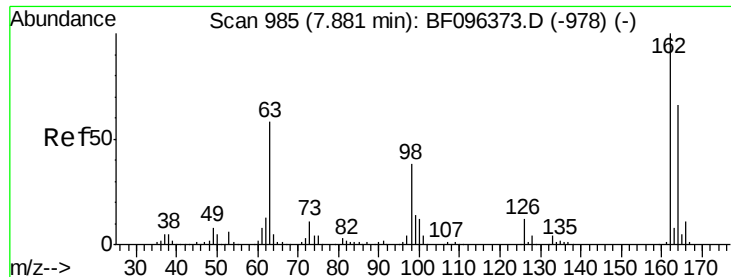


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

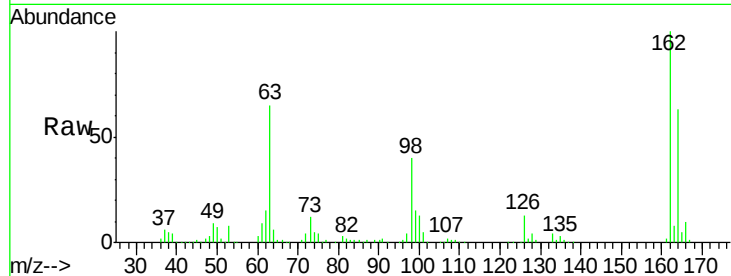




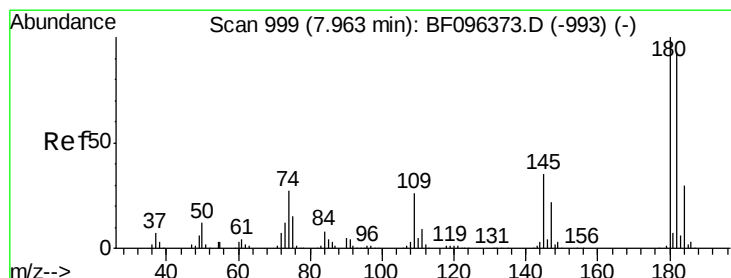
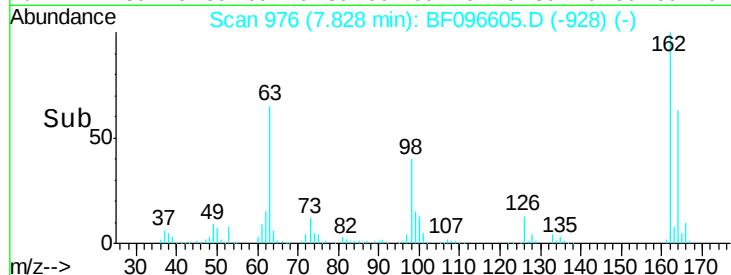
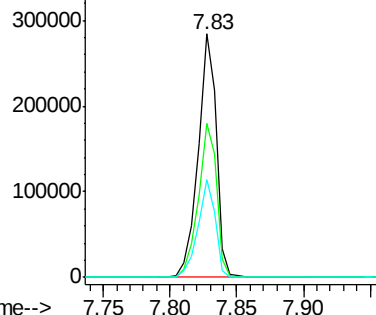
#29
2,4-Dichlorophenol
Concen: 42.35 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 275435
Ion Ratio Lower Upper
162 100
164 63.4 44.6 84.6
98 40.3 14.8 54.8

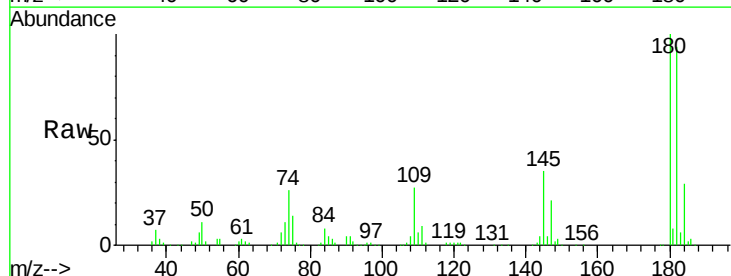


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

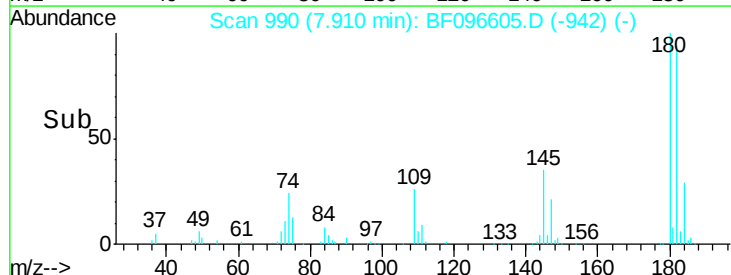
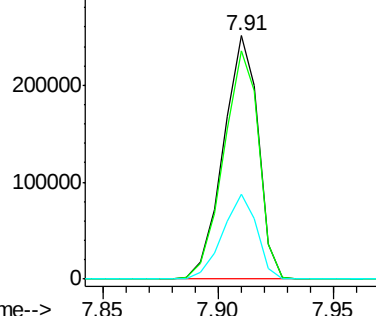


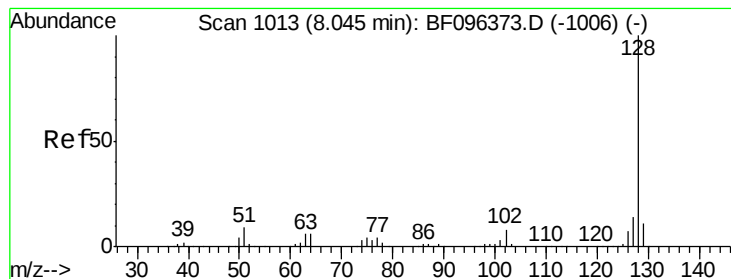
#30
1,2,4-Trichlorobenzene
Concen: 43.08 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:180 Resp: 264262
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.6
145 35.1 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: 42.36 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

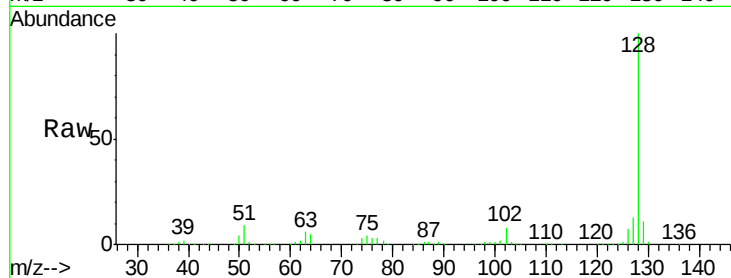
Tot Ion:128 Resp: 958131

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

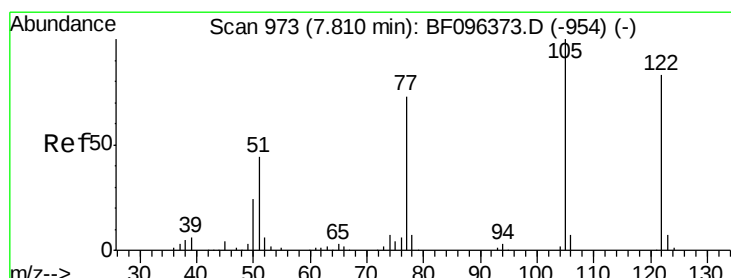
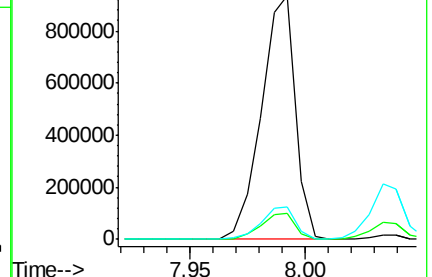
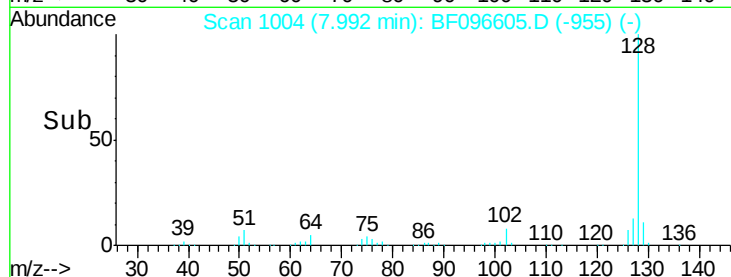
127 13.2 10.8 16.2



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: 33.23 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

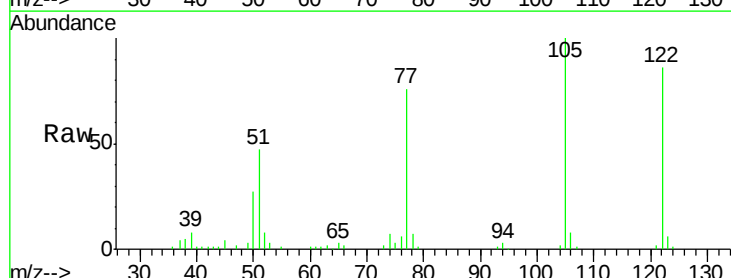
Tgt Ion:122 Resp: 210364

Ion Ratio Lower Upper

122 100

105 116.4 103.3 143.3

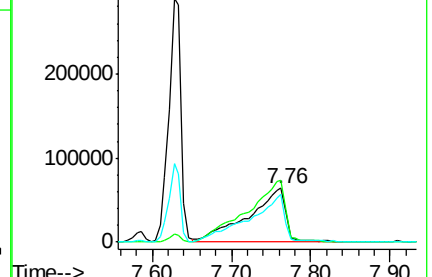
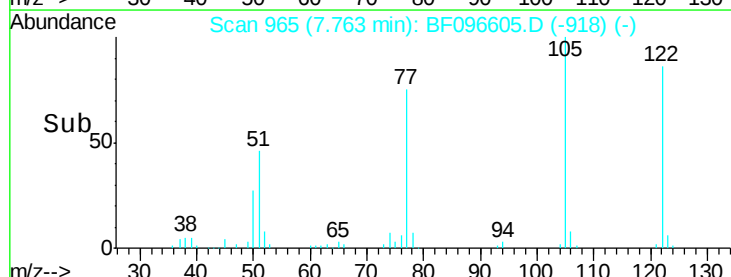
77 88.4 73.7 113.7

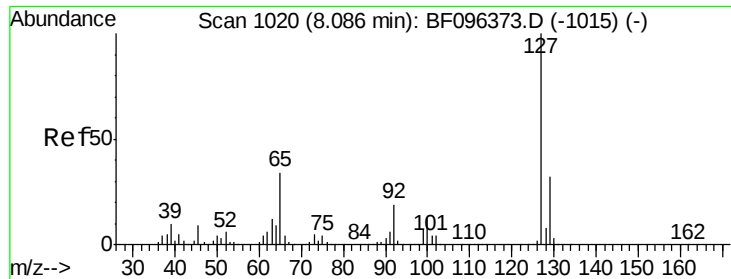


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

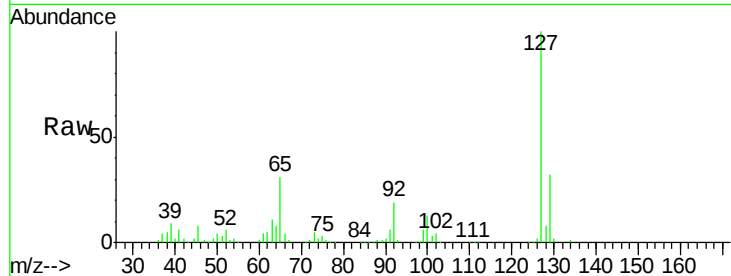




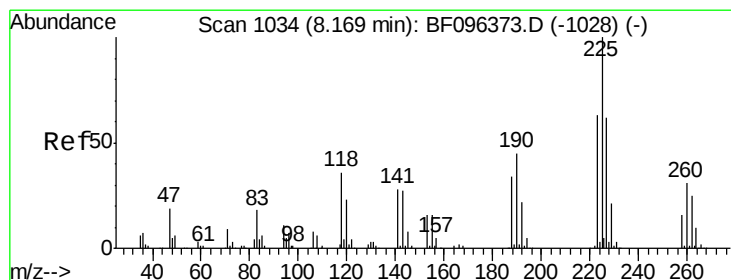
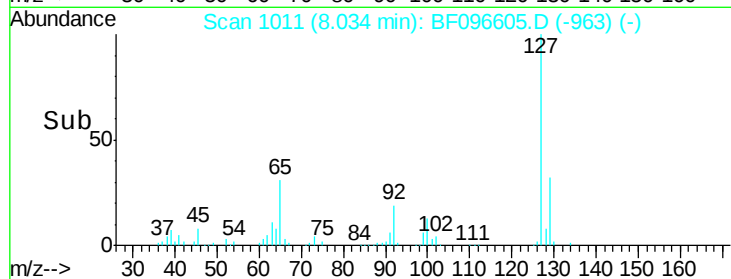
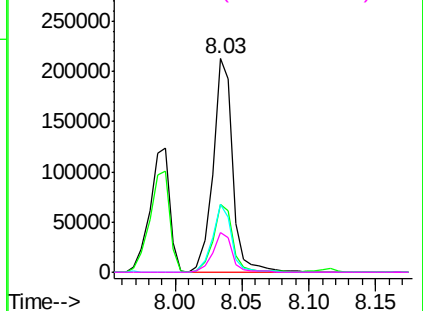
#33
4-Chloroaniline
Concen: 23.44 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	220218
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	31.5	27.8	41.8
92	18.8	16.8	25.2

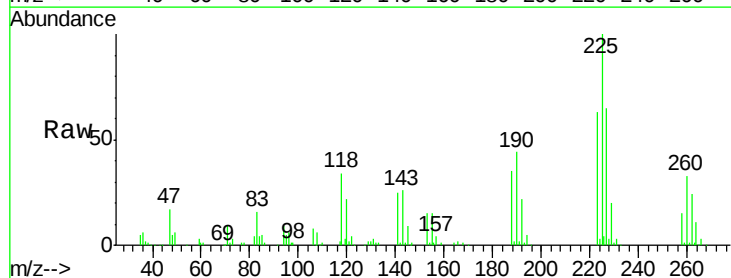


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

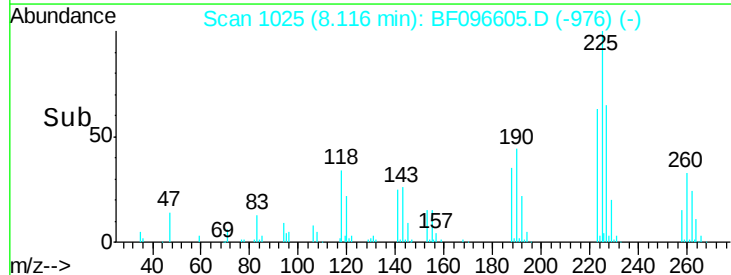
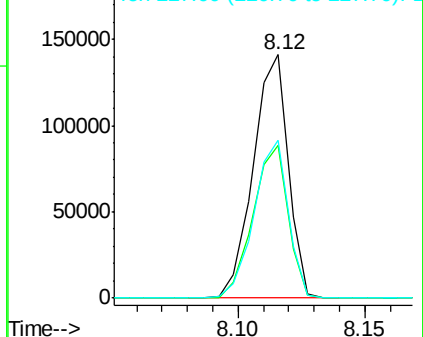


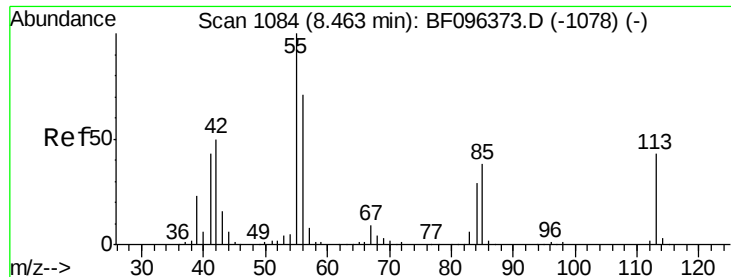
#34
Hexachlorobutadiene
Concen: 43.40 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:	225	Resp:	136564
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.6	51.1	76.7



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





#35

Caprolactam

Concen: 27.12 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

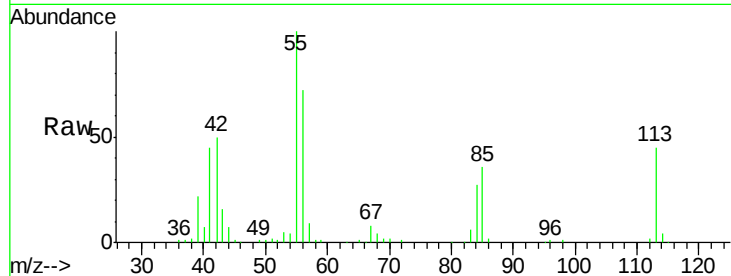
Tot Ion:113 Resp: 60830

Ion Ratio Lower Upper

113 100

55 221.0 150.2 190.2#

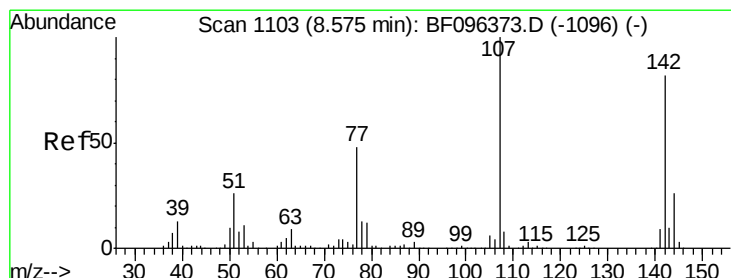
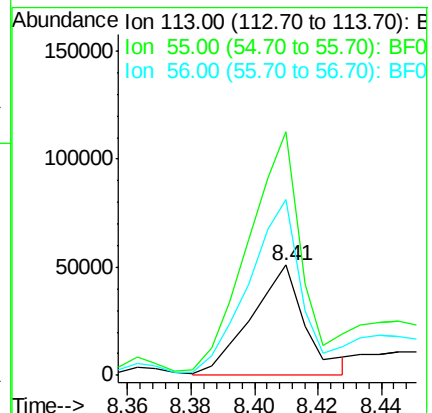
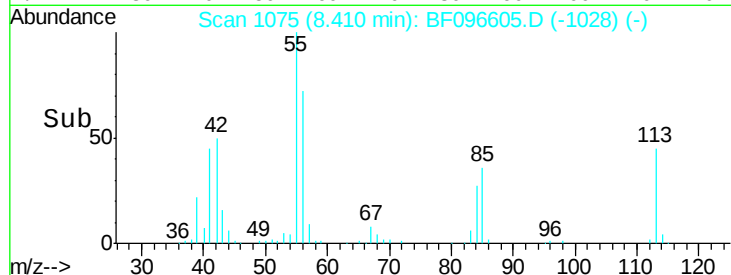
56 159.2 107.8 147.8#



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: 40.38 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

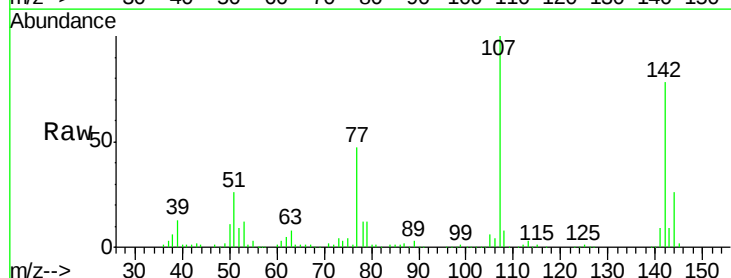
Tgt Ion:107 Resp: 290590

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

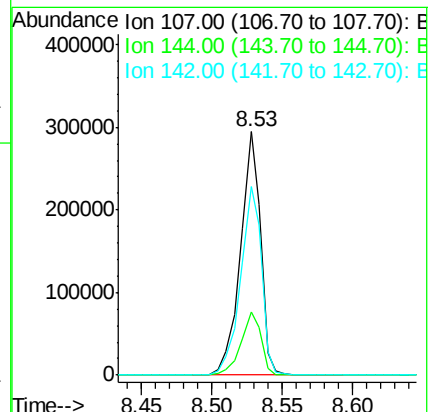
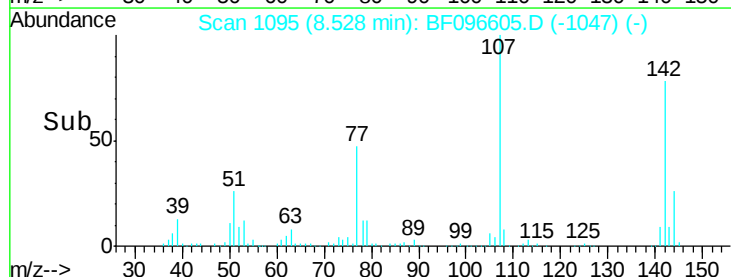
142 77.7 73.4 110.0

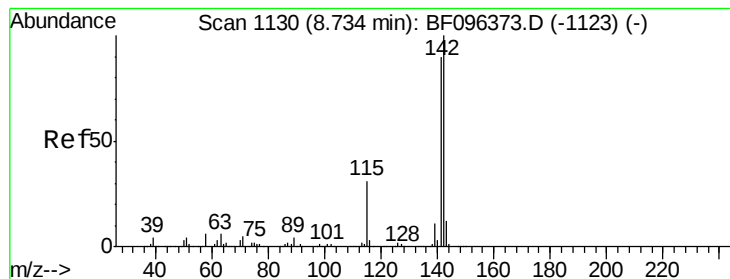


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

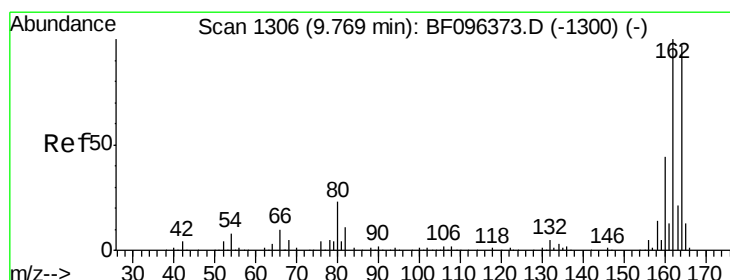
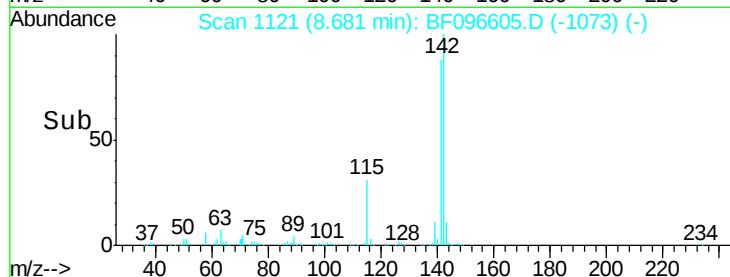
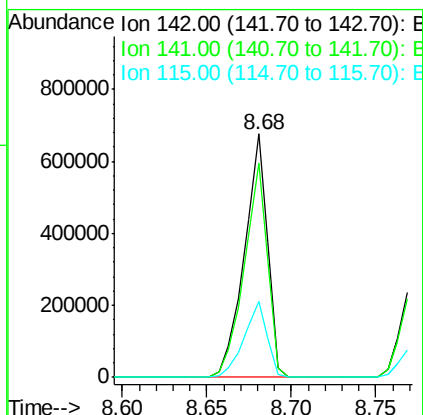
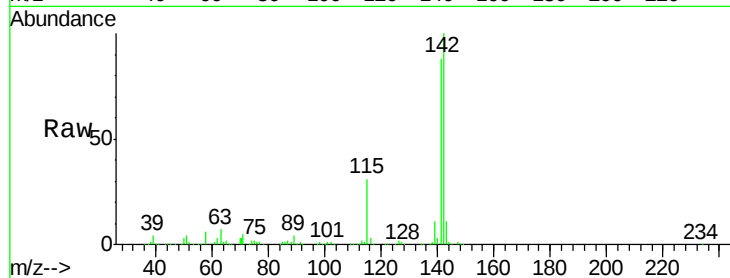




#37
2-Methylnaphthalene
Concen: 45.12 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

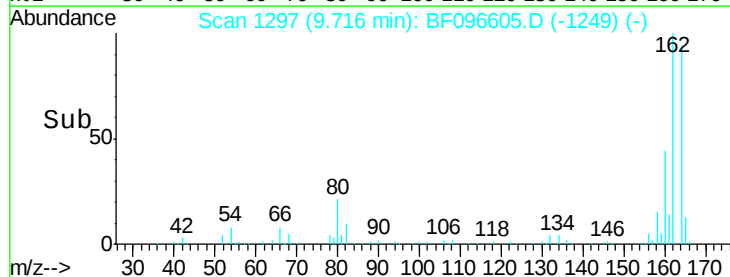
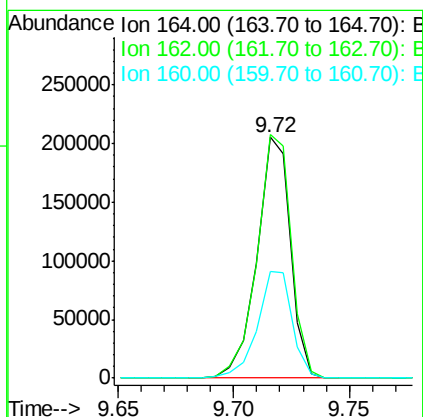
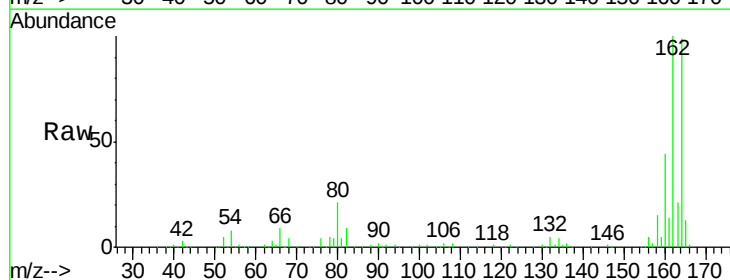
Instrument :
BNA_F
ClientSampleId :

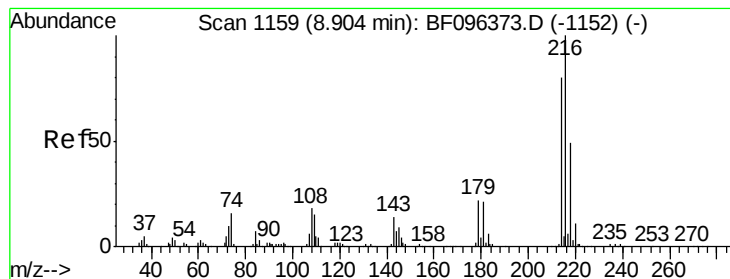
Tot Ion:142 Resp: 649626
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 31.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:164 Resp: 207183
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 44.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.13 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 215864

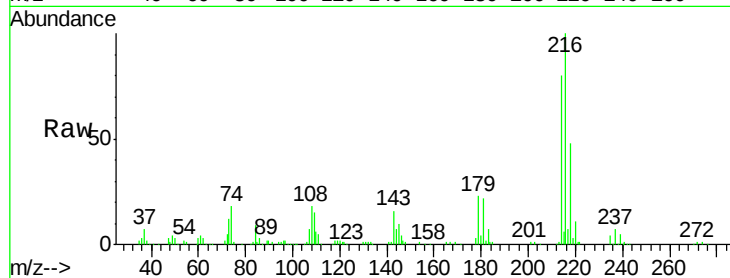
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.5 17.9 26.9

108 22.7 16.5 24.7

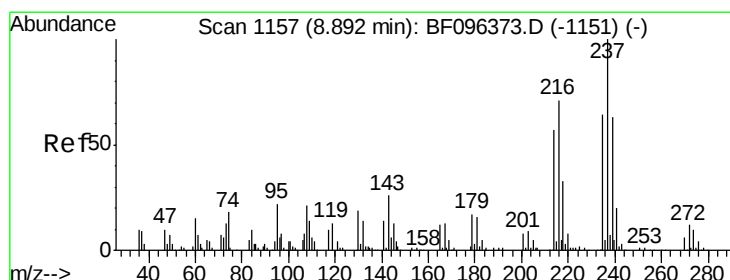
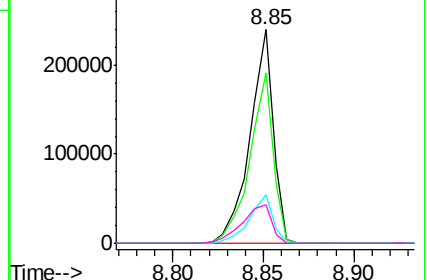
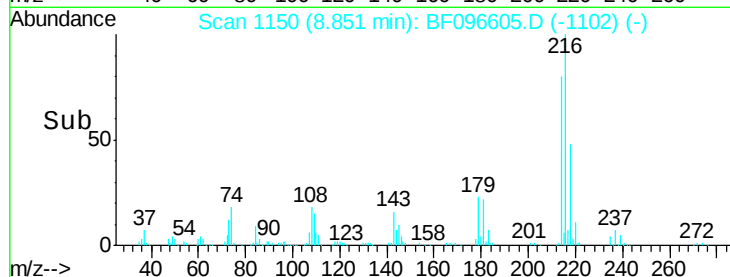


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.61 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

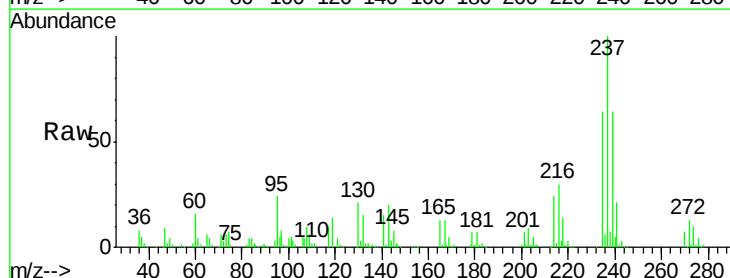
Tgt Ion:237 Resp: 239614

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

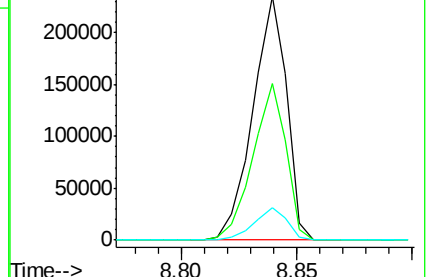
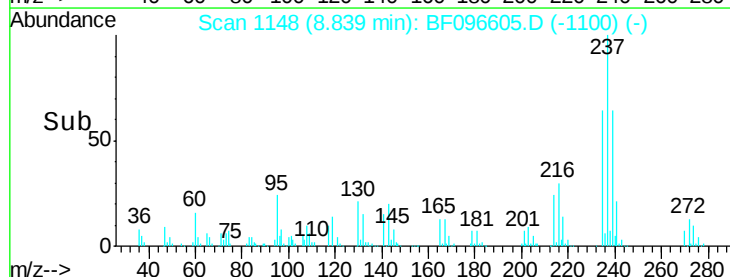
272 13.2 0.0 31.9

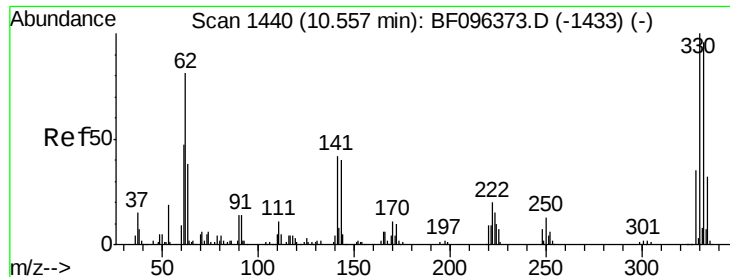


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

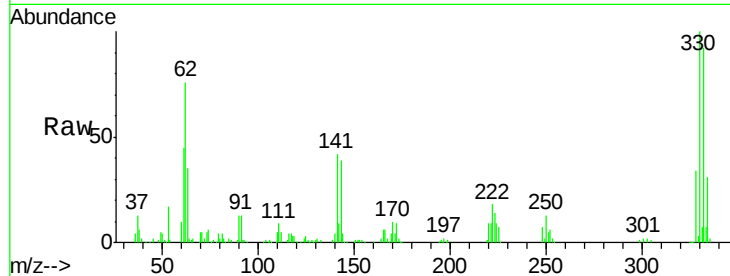




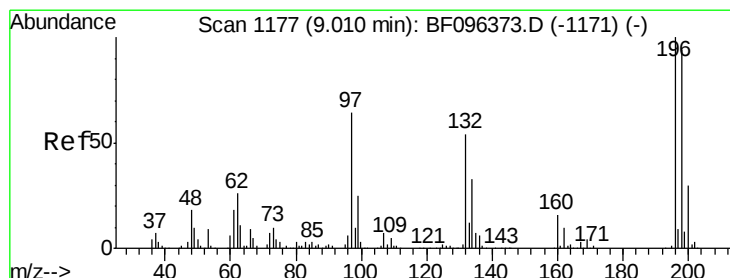
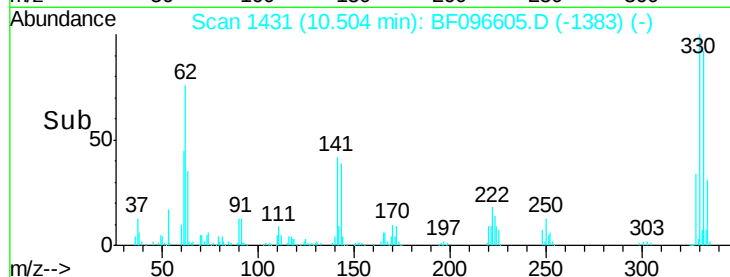
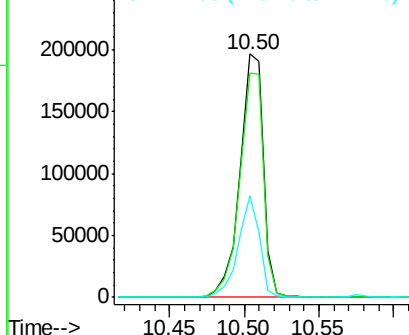
#41
 2,4,6-Tribromophenol
 Concen: 132.34 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214175
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 37.9 31.4 47.2

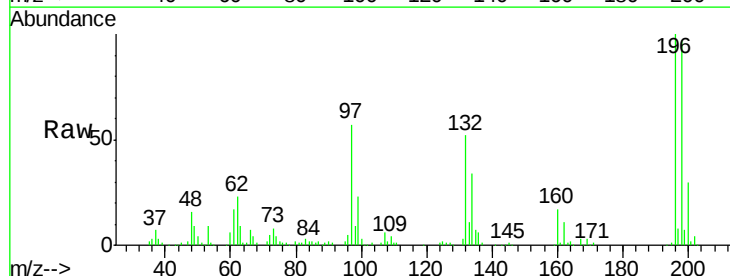


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

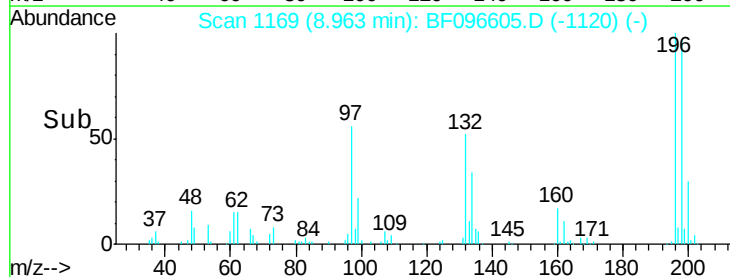
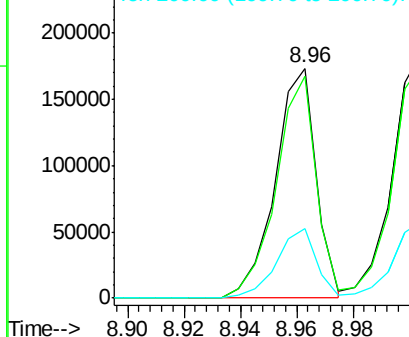


#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:196 Resp: 174495
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.2 111.4
 200 30.3 24.0 36.0



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

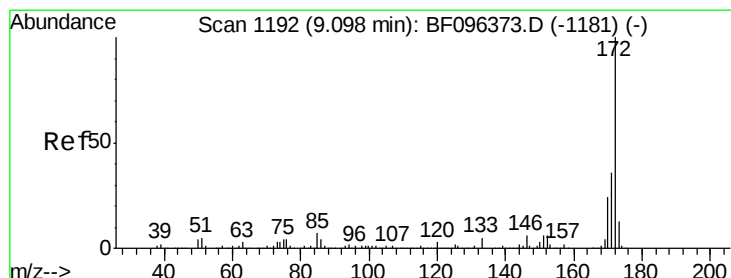
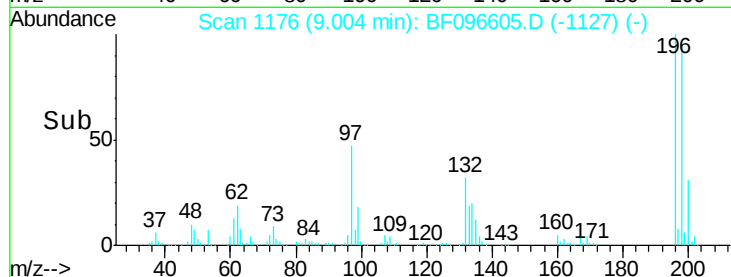
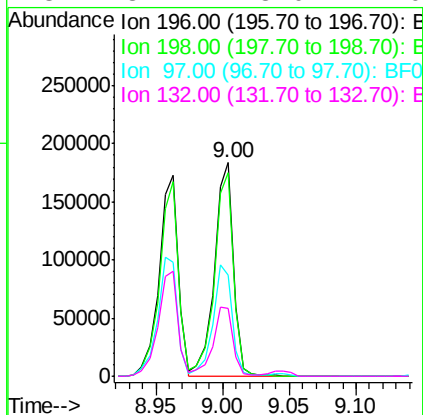
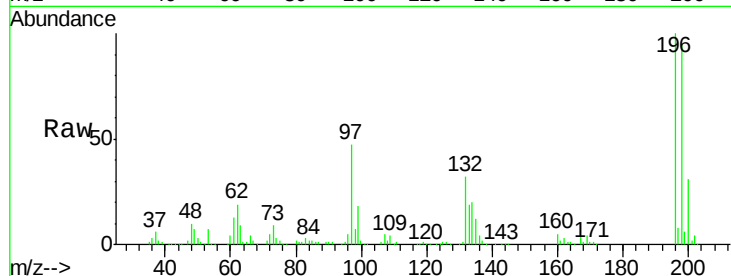




#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

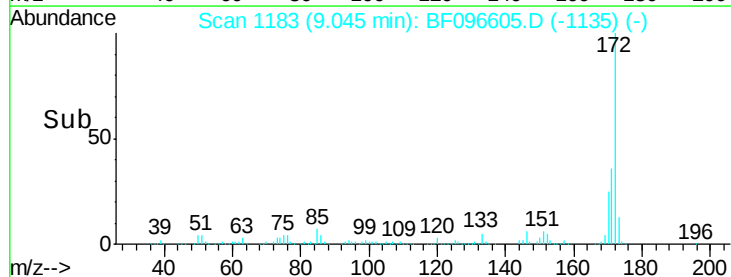
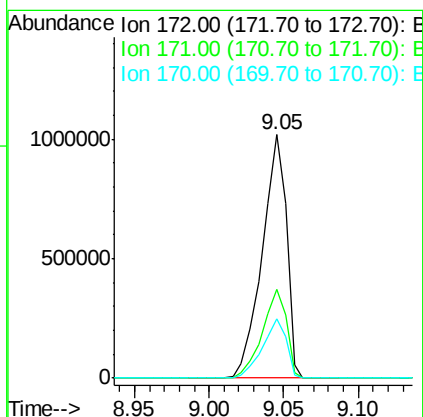
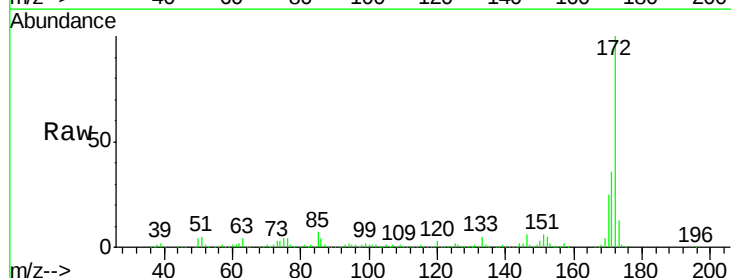
Instrument :
 BNA_F
 ClientSampleId :

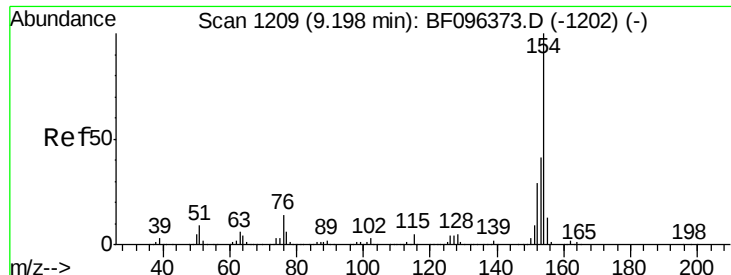
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	47.5	47.7	71.5
132	32.1	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.6	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.32 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

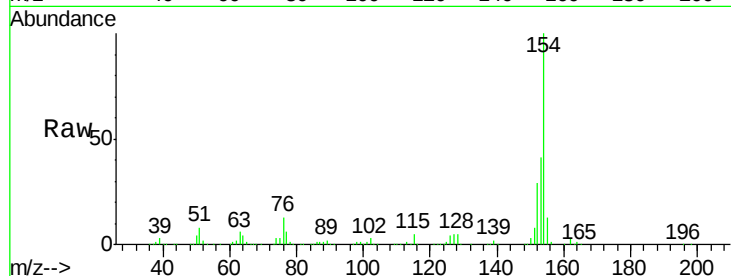
Tot Ion:154 Resp: 715782

Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

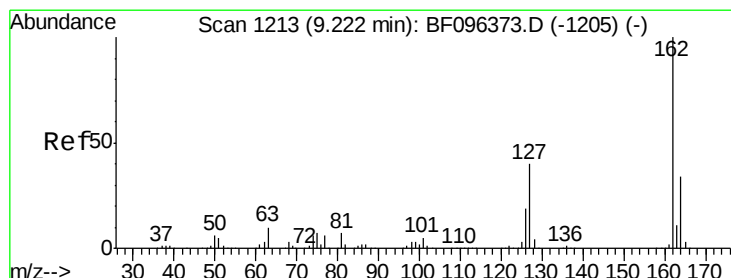
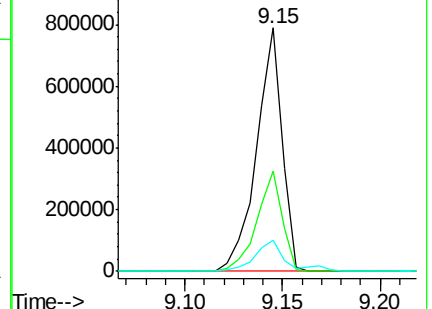
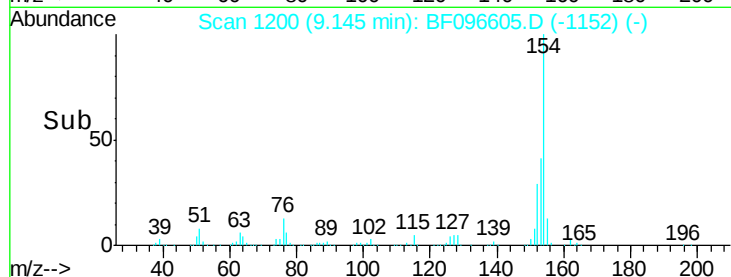
76 12.8 0.0 29.9



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: 42.68 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

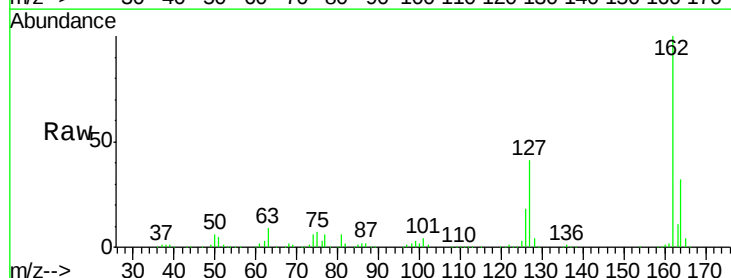
Tgt Ion:162 Resp: 564631

Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

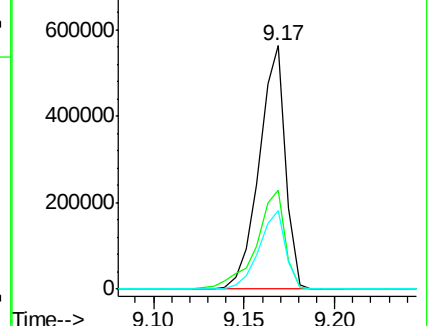
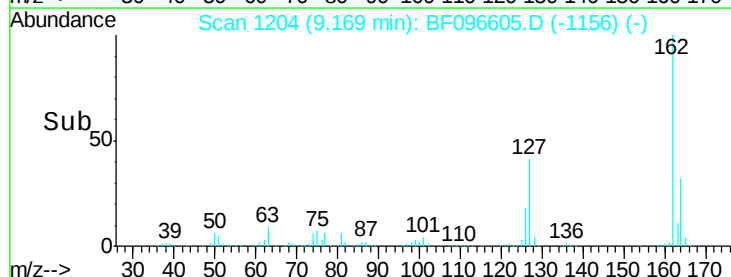
164 32.2 27.0 40.4

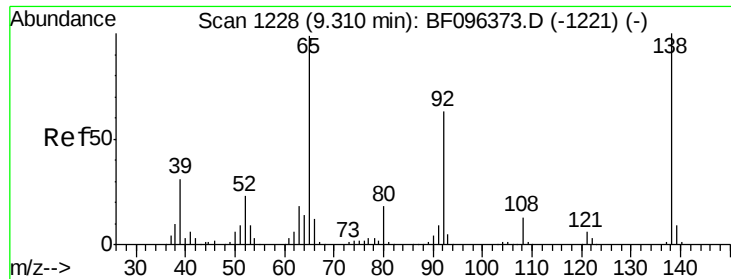


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

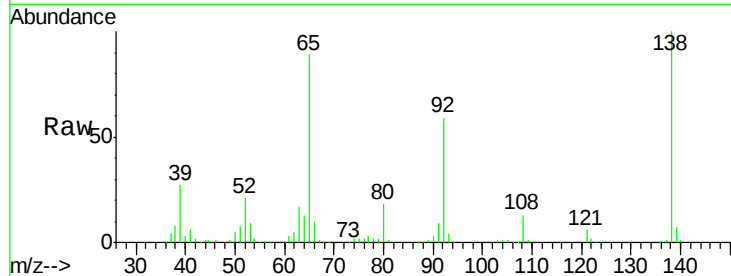




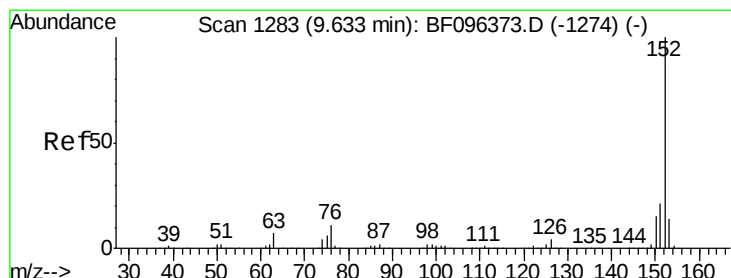
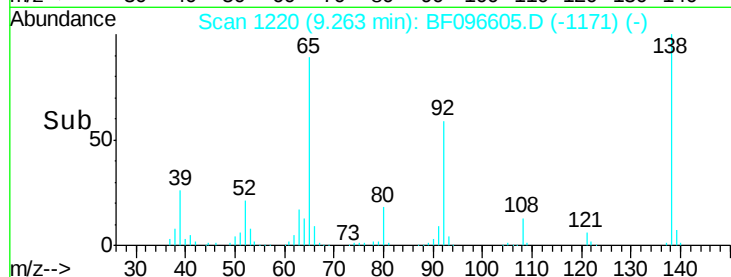
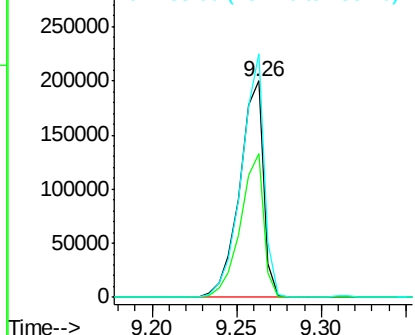
#47
2-Nitroaniline
Concen: 40.91 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 196934
Ion Ratio Lower Upper
65 100
92 66.5 53.9 80.9
138 112.4 78.8 118.2

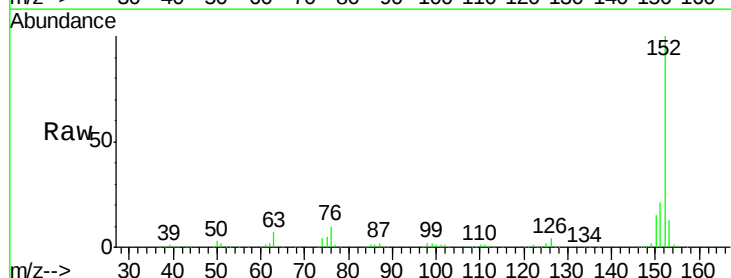


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

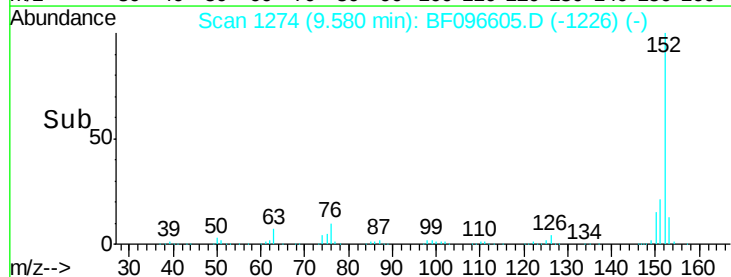
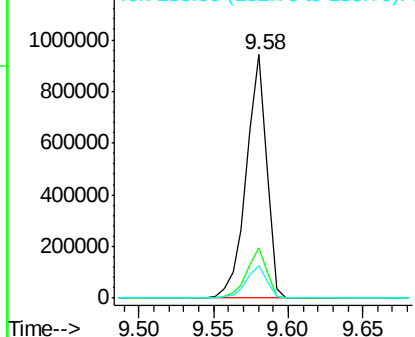


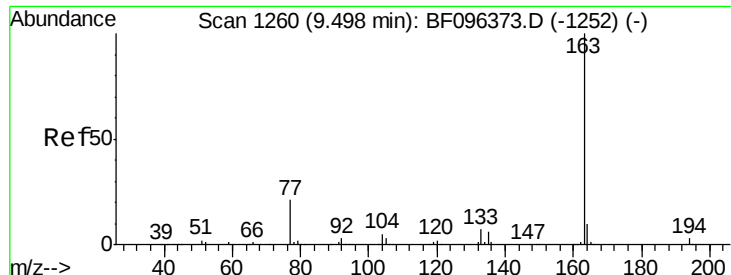
#48
Acenaphthylene
Concen: 42.22 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion: 152 Resp: 885136
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

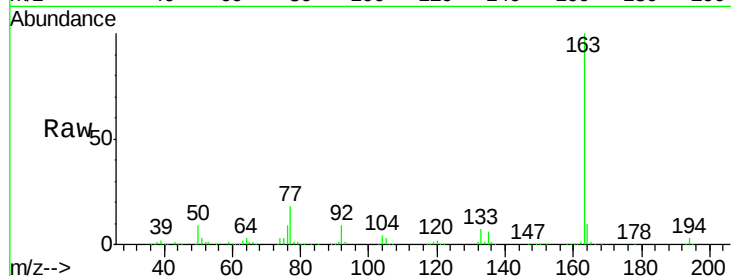




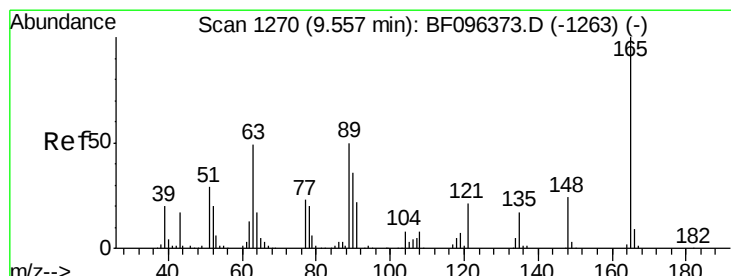
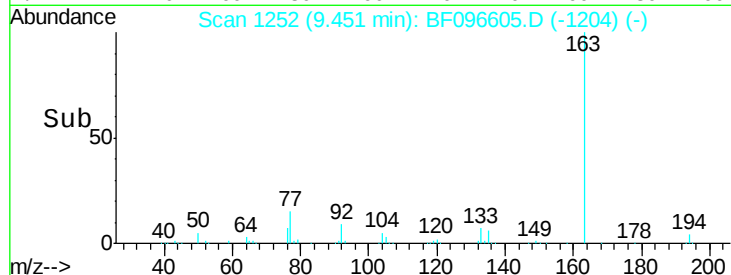
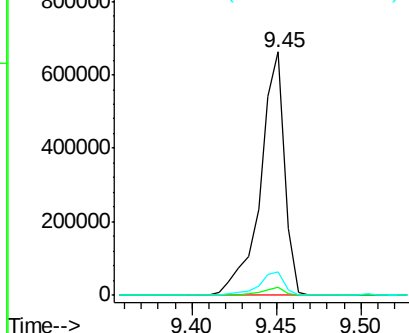
#49
Dimethylphthalate
Concen: 42.30 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

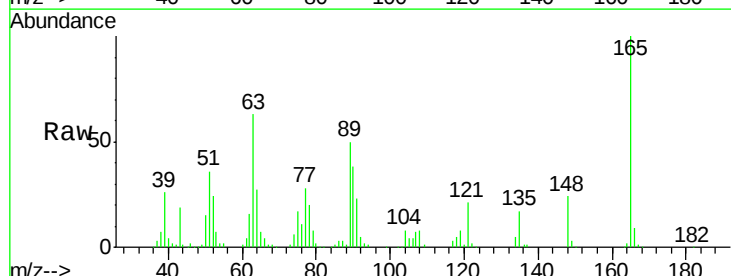


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

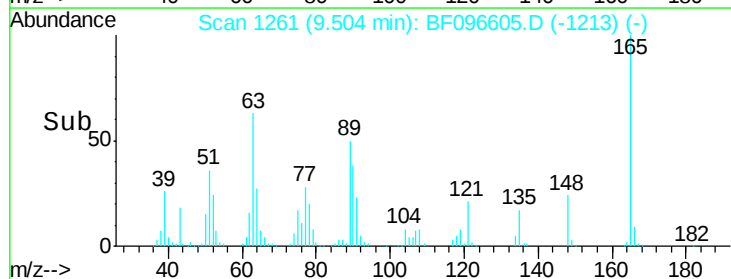
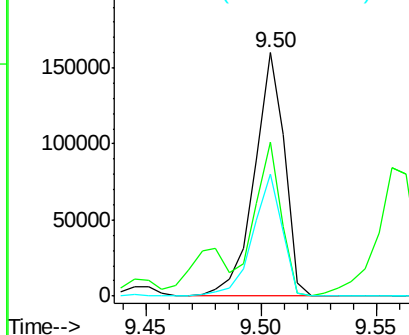


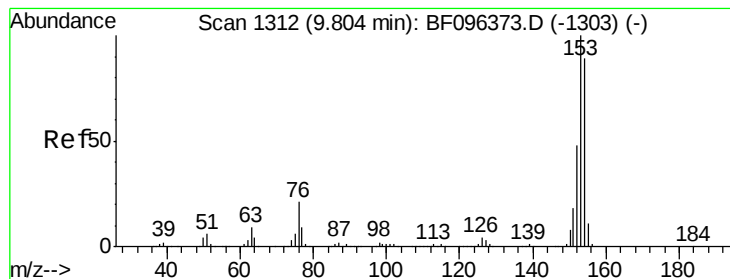
#50
2,6-Dinitrotoluene
Concen: 42.60 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.0	34.3	51.5#
89	50.3	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.95 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

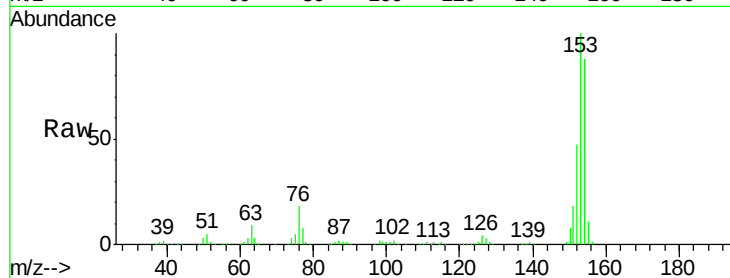
Tot Ion:154 Resp: 516145

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

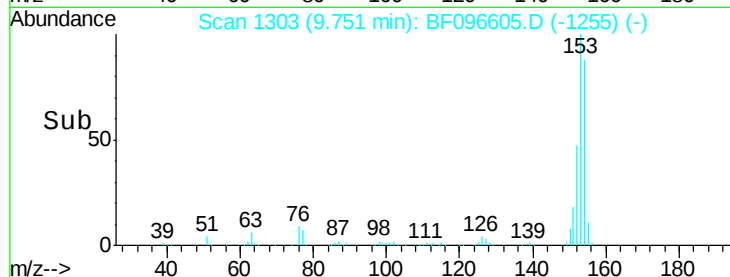
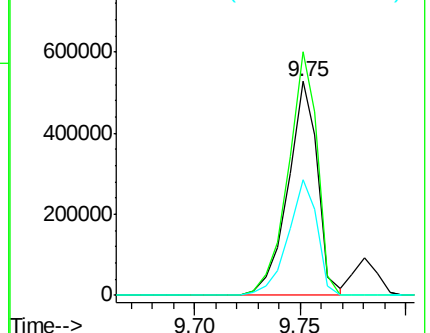
152 53.9 43.6 65.4



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: 24.33 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

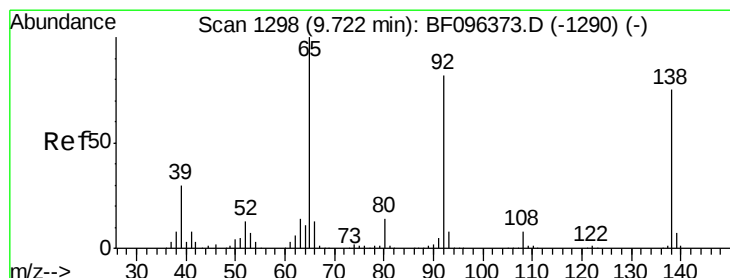
Tgt Ion:138 Resp: 103775

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

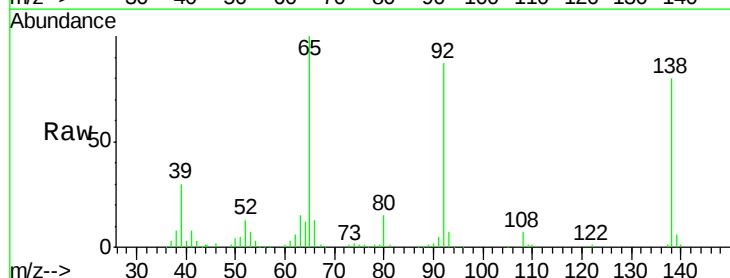
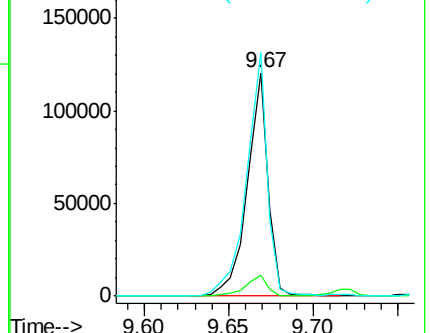
92 109.1 93.8 140.6

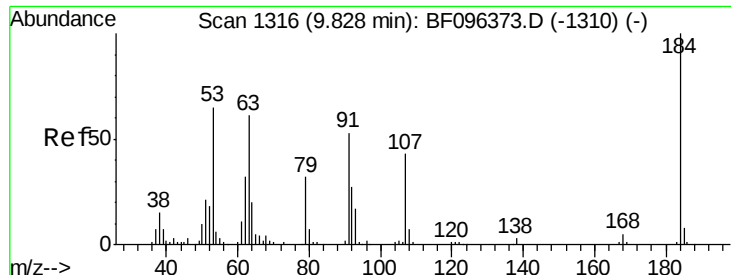


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

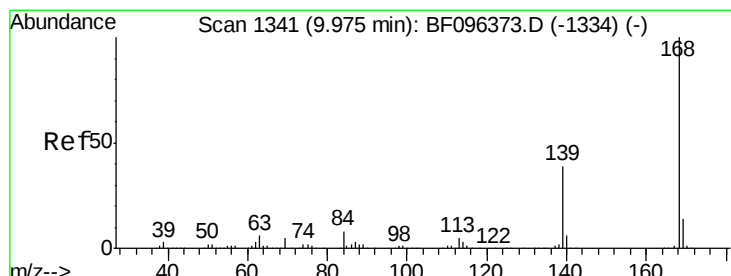
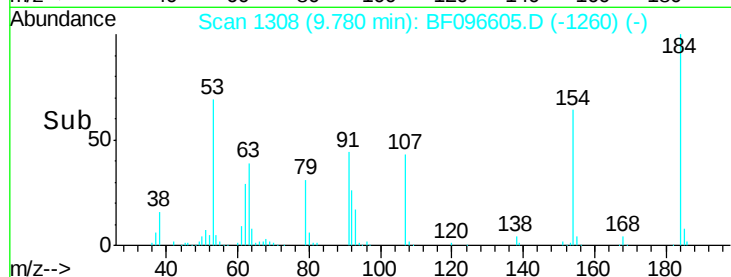
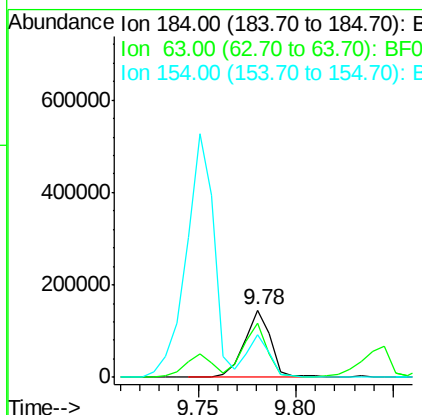
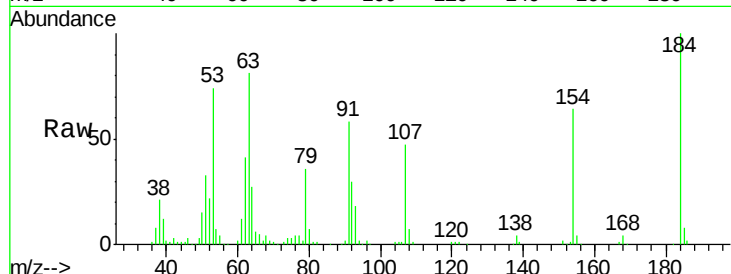




#53
 2,4-Dinitrophenol
 Concen: 75.24 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

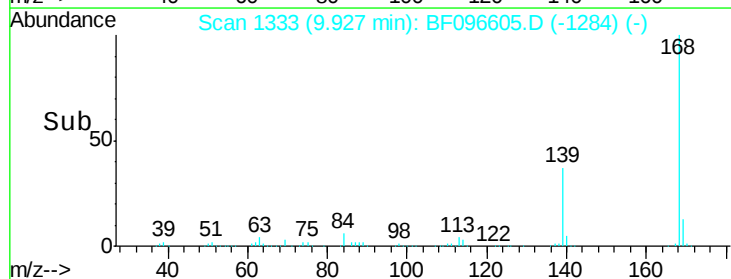
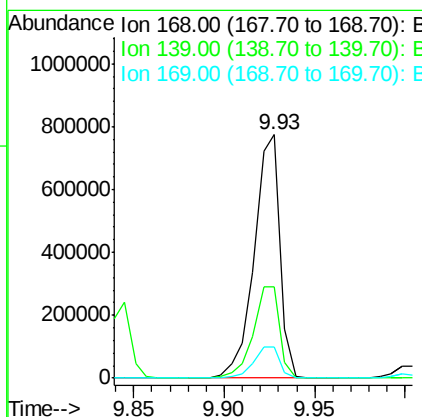
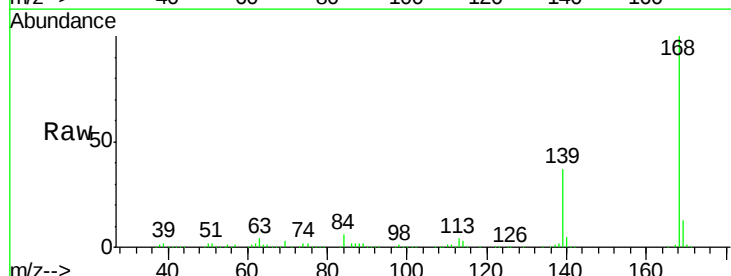
Instrument :
 BNA_F
 ClientSampleId :

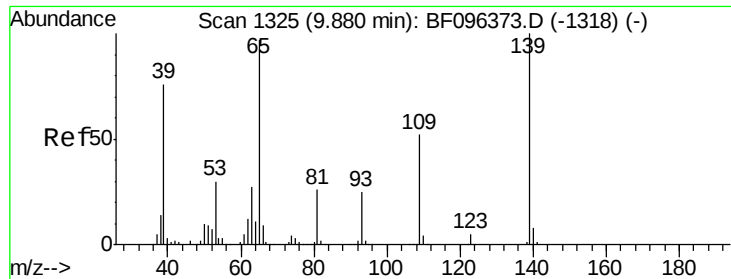
Tot Ion:184 Resp: 136677
 Ion Ratio Lower Upper
 184 100
 63 81.2 62.7 94.1
 154 63.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.79 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:168 Resp: 764071
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 12.6 10.8 16.2





#55

4-Nitrophenol

Concen: 67.11 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

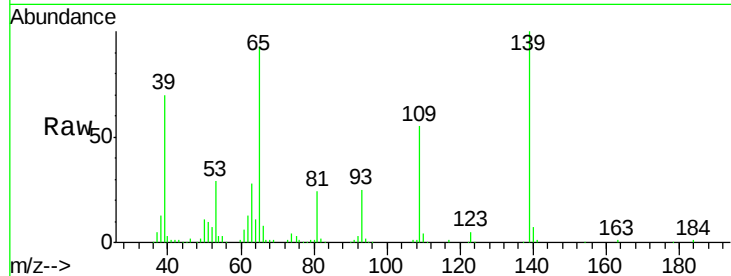
Tot Ion:139 Resp: 237281

Ion Ratio Lower Upper

139 100

109 54.7 34.1 74.1

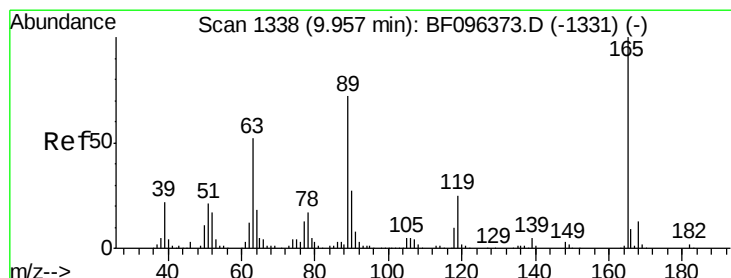
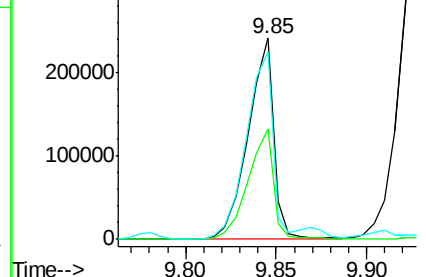
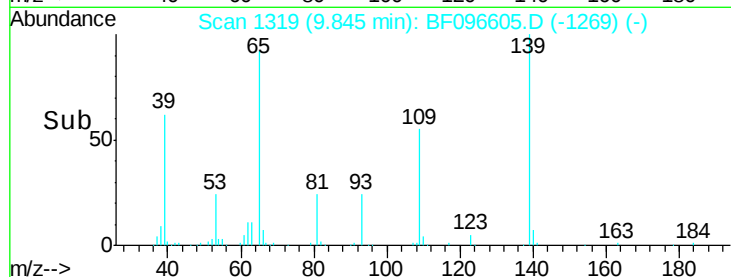
65 93.2 31.4 71.4#



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: 42.88 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion:165 Resp: 185714

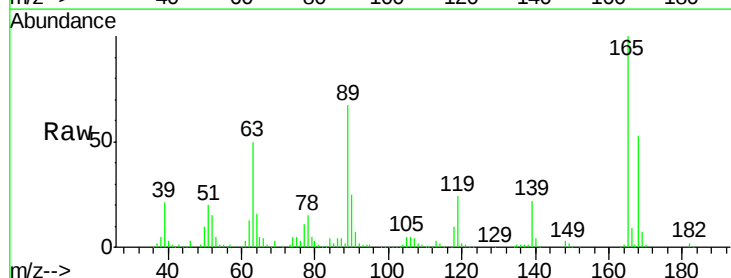
Ion Ratio Lower Upper

165 100

63 50.4 25.4 38.0#

89 66.5 46.4 69.6

182 2.2 1.8 2.6

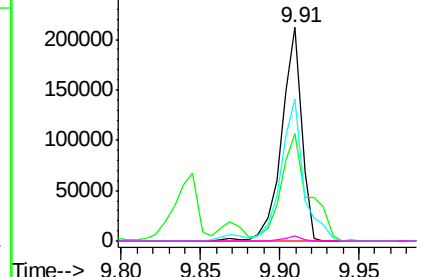
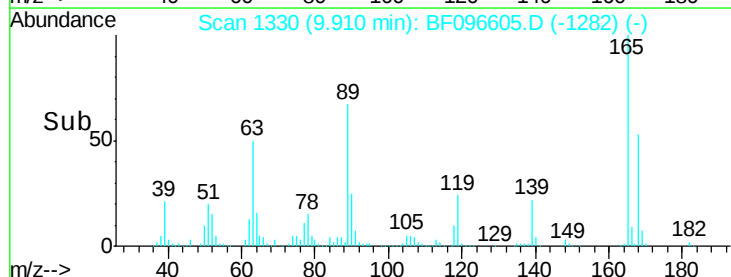


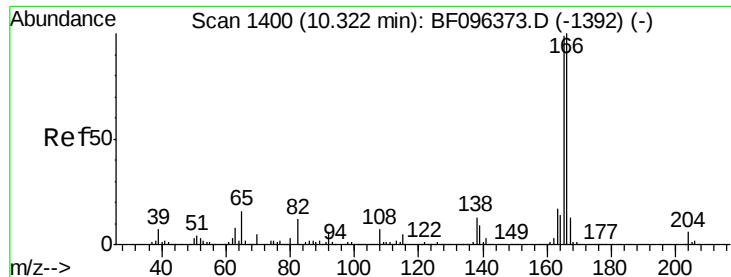
Abundance Ion 165.00 (164.70 to 165.70): E

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

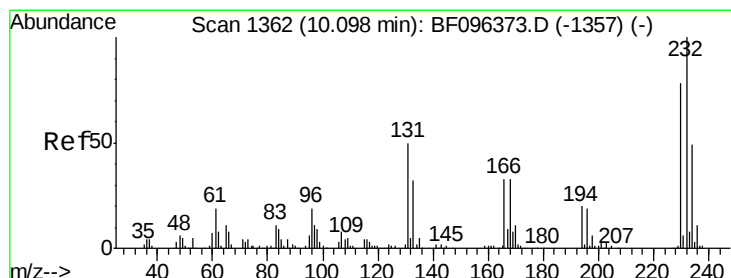
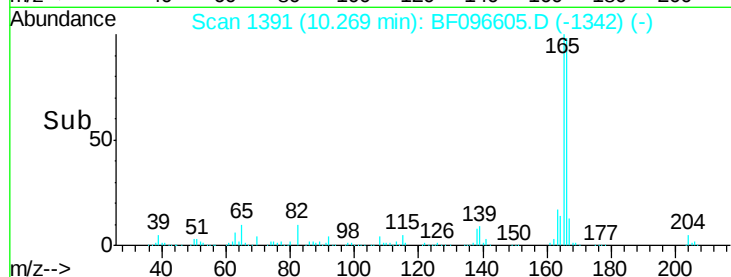
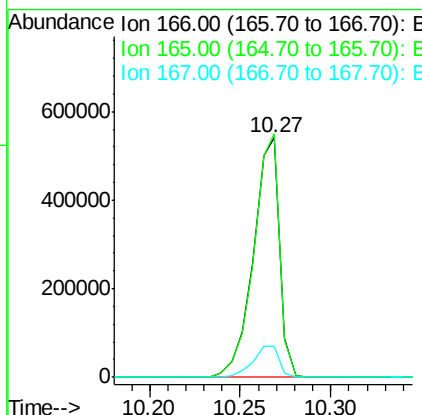
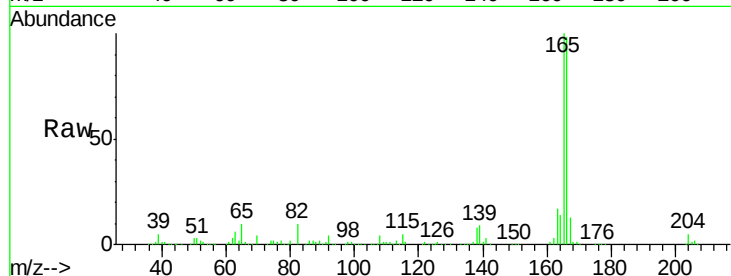




#57
 Fluorene
 Concen: 45.01 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

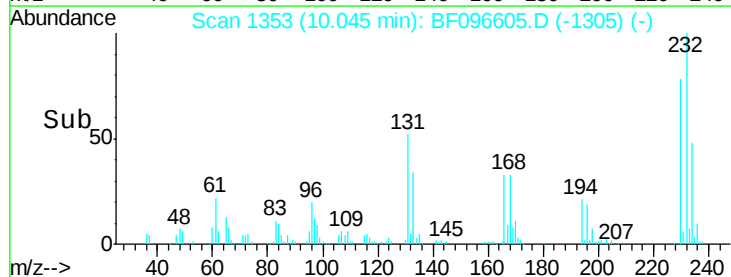
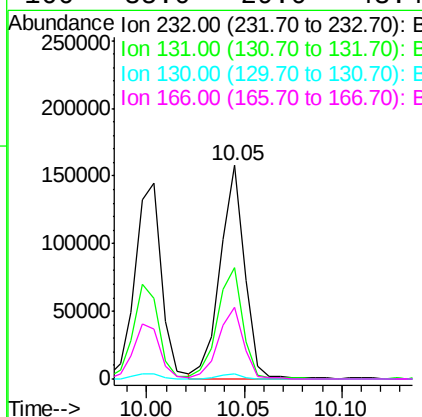
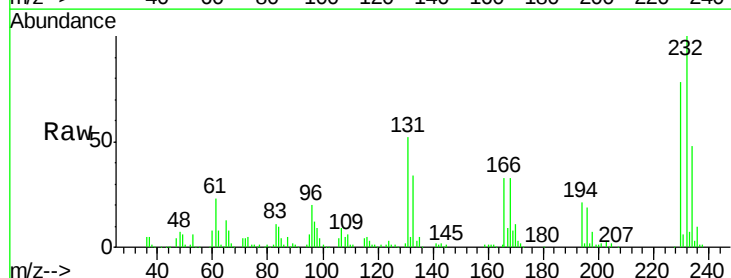
Instrument :
 BNA_F
 ClientSampleId :

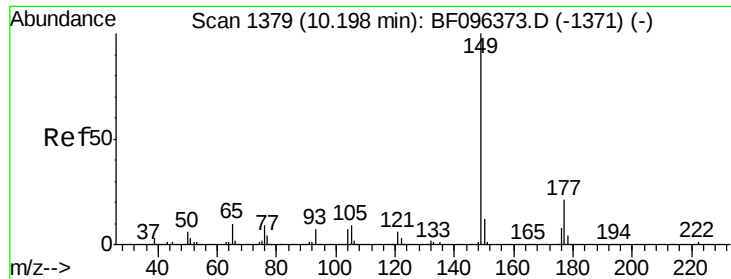
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.98 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.6	44.8	67.2
130	2.5	2.3	3.5
166	35.0	29.0	43.4

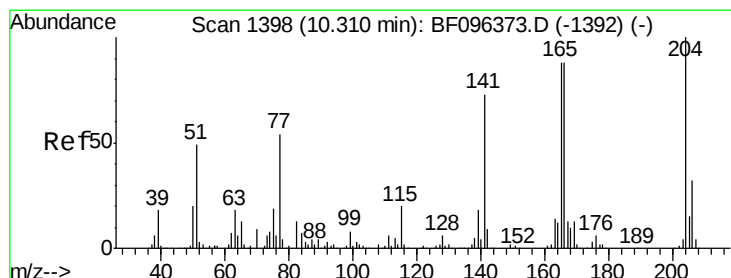
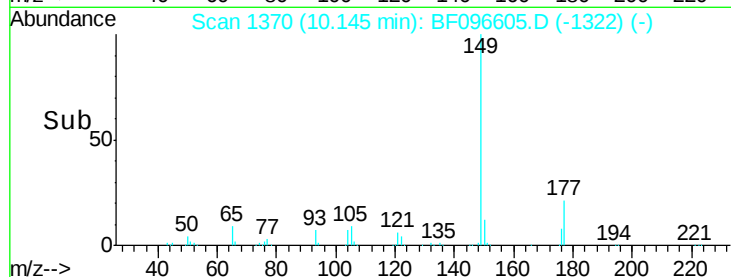
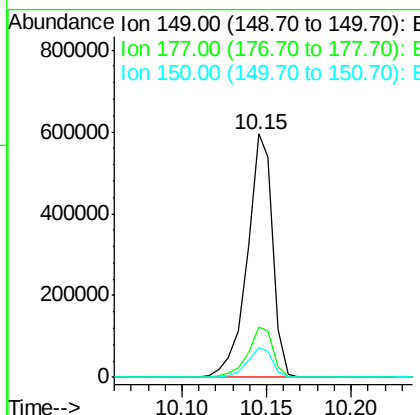
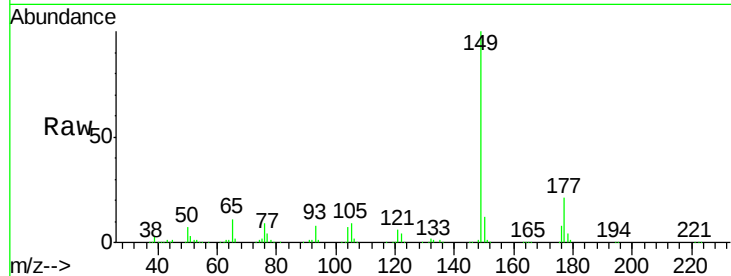




#59
Diethylphthalate
Concen: 42.55 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

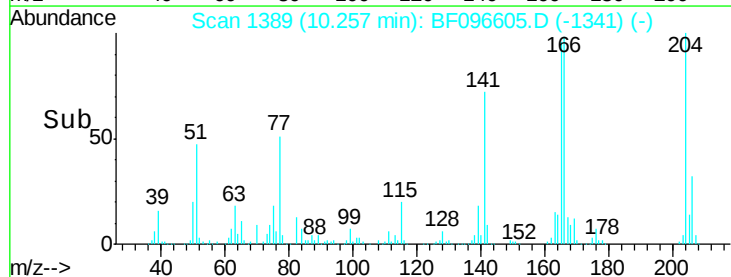
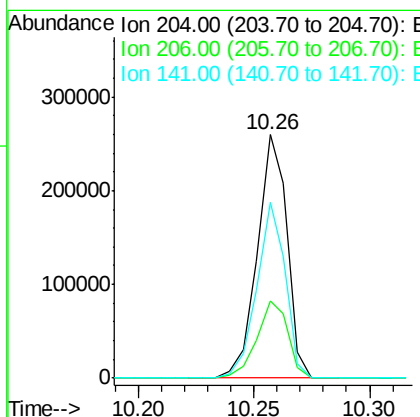
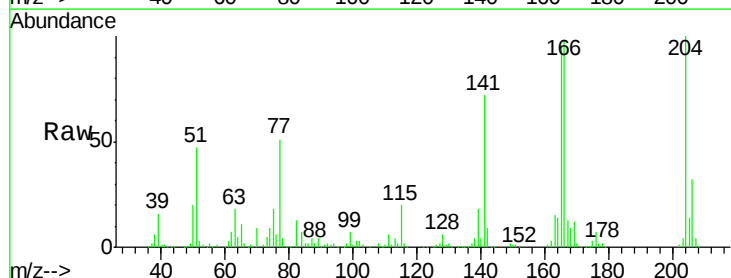
Instrument :
BNA_F
ClientSampleId :

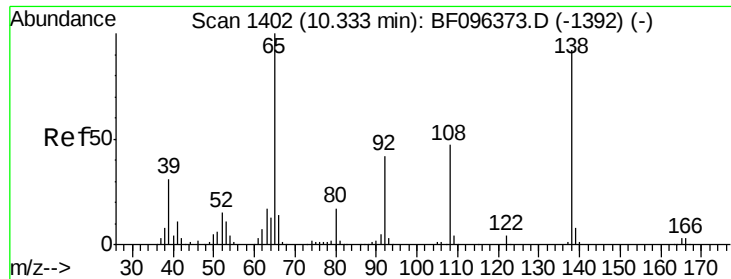
Tot Ion:149 Resp: 622071
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.52 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:204 Resp: 233381
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 72.1 60.8 91.2





#61

4-Nitroaniline

Concen: 39.82 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

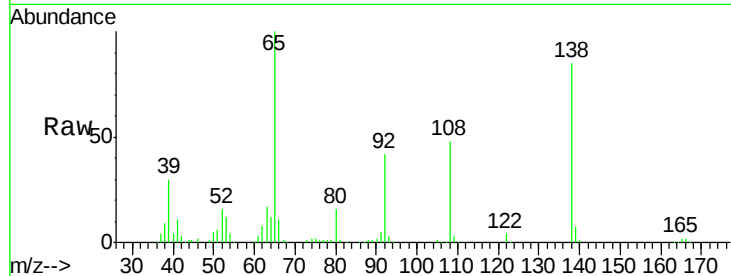
Tot Ion:138 Resp: 154470

Ion Ratio Lower Upper

138 100

92 48.7 21.8 61.8

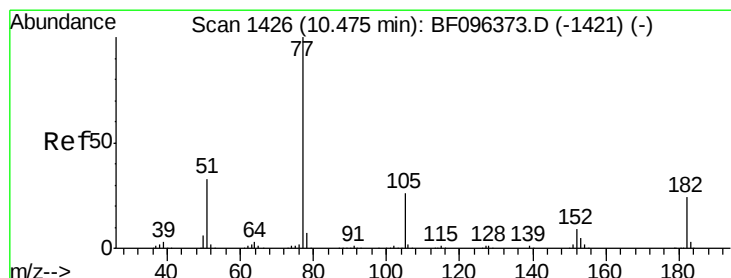
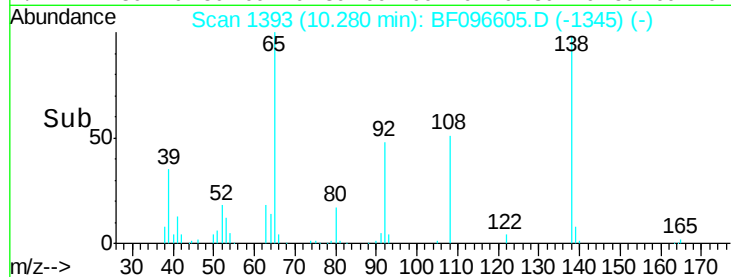
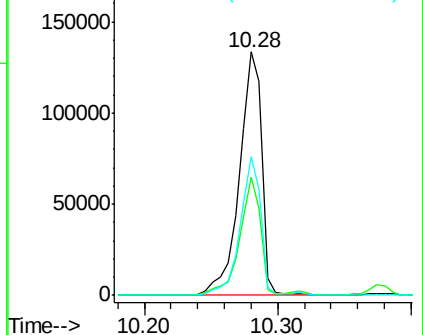
108 56.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.09 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Tgt Ion: 77 Resp: 609152

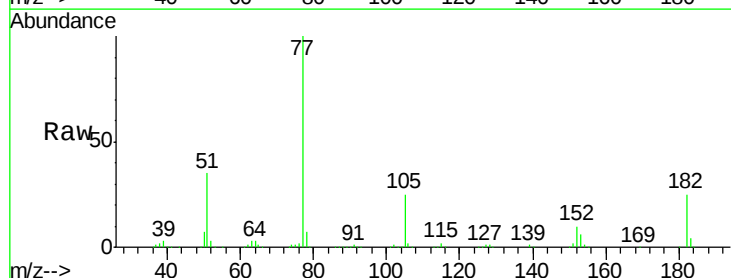
Ion Ratio Lower Upper

77 100

182 25.4 0.1 40.1

105 25.5 3.6 43.6

51 34.7 9.4 49.4

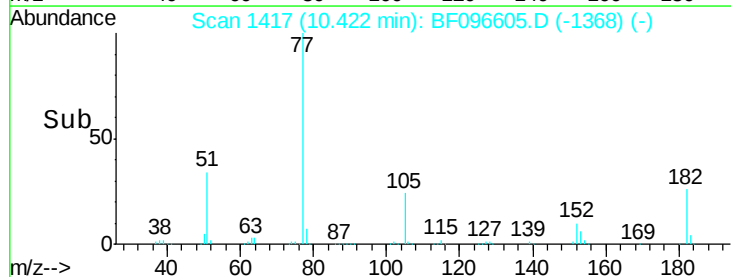
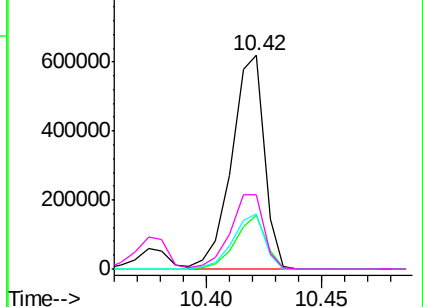


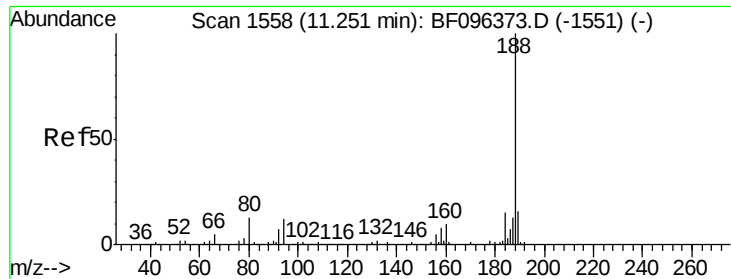
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

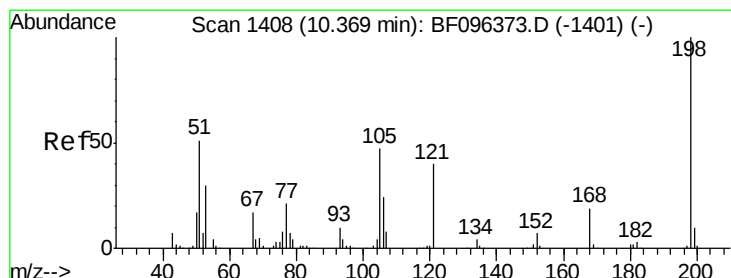
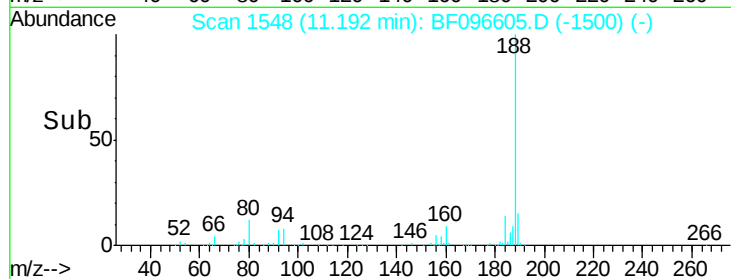
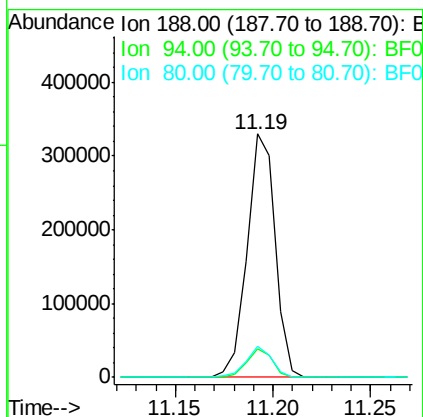
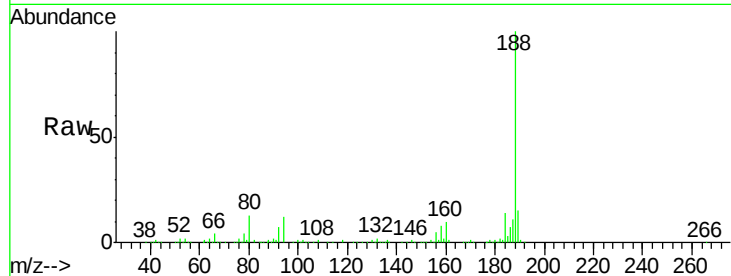




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

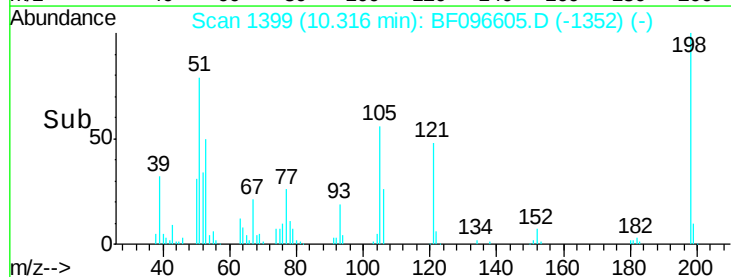
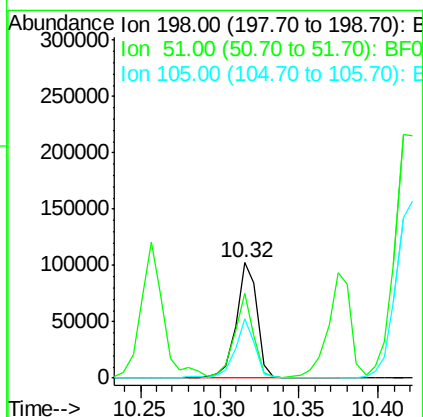
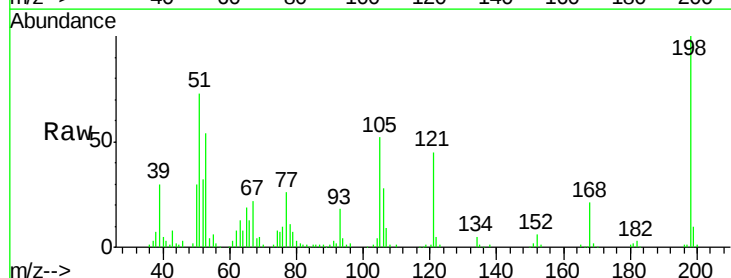
Instrument :
BNA_F
ClientSampled :

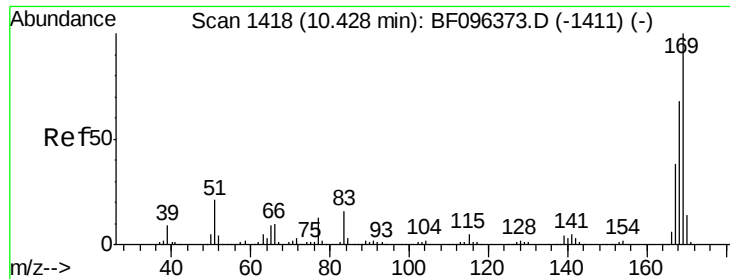
Tot Ion:188 Resp: 328499
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.38 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:198 Resp: 93745
Ion Ratio Lower Upper
198 100
51 73.4 53.2 93.2
105 51.7 45.8 85.8

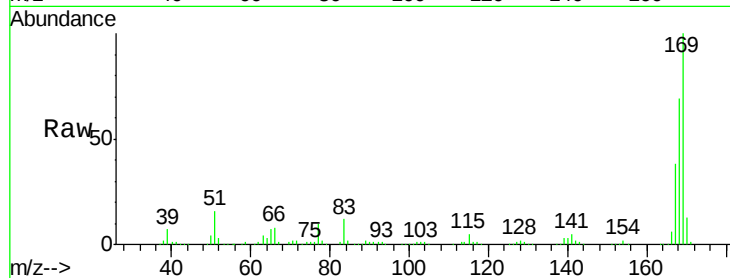




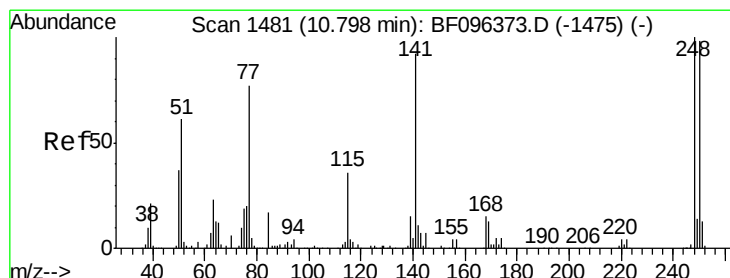
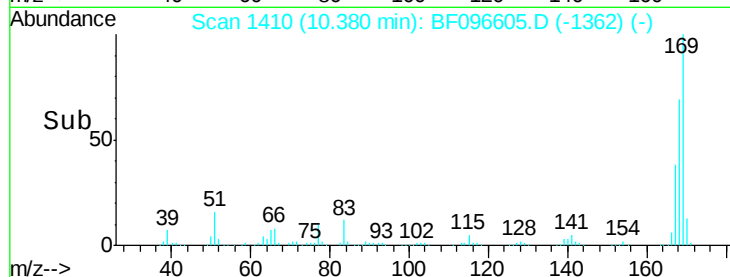
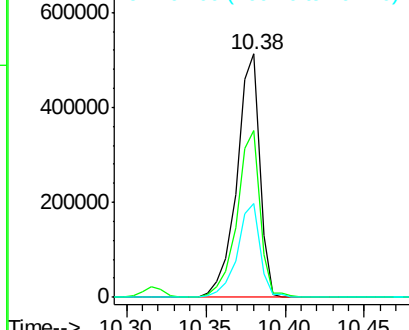
#65
 n-Nitrosodiphenylamine
 Concen: 44.49 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 512749
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 38.5 29.5 44.3

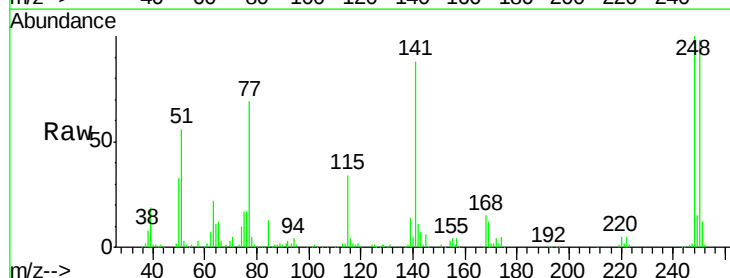


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

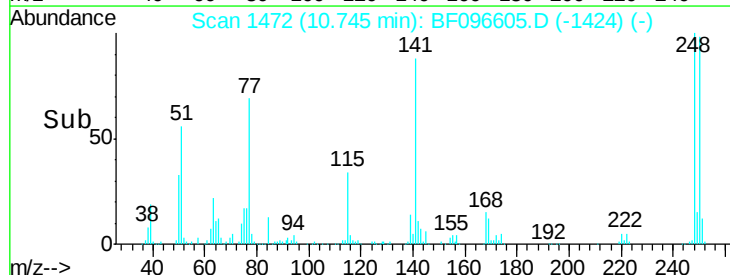
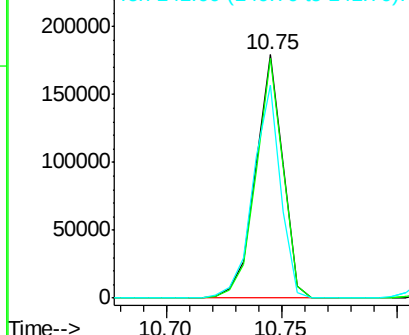


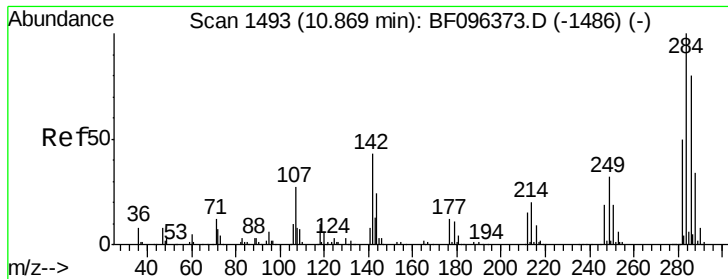
#66
 4-Bromophenyl-phenylether
 Concen: 46.64 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:248 Resp: 149136
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 87.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.30 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

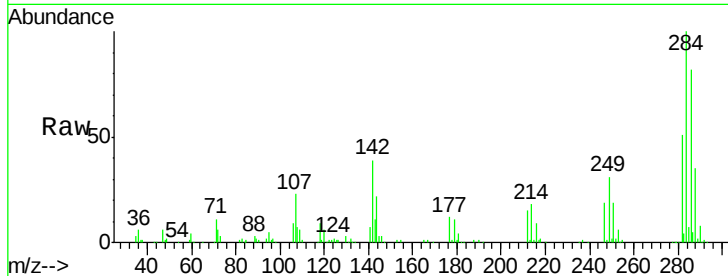
Tot Ion:284 Resp: 155069

Ion Ratio Lower Upper

284 100

142 38.9 22.8 34.2#

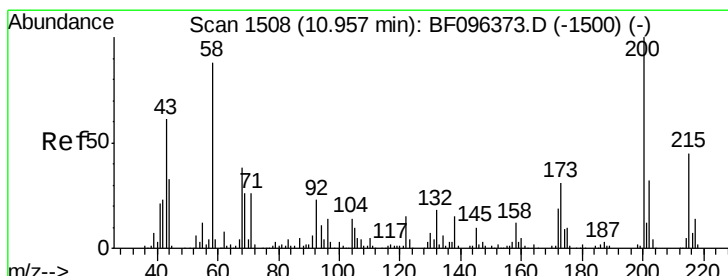
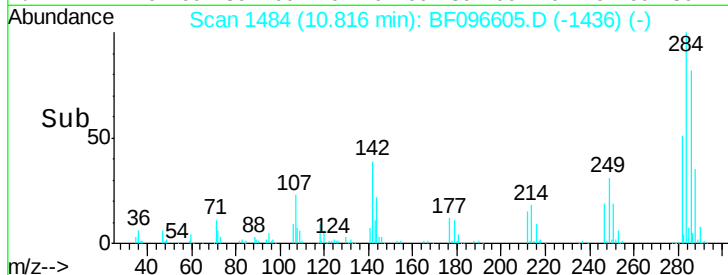
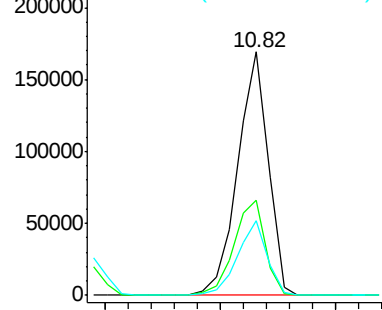
249 30.8 24.0 36.0



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: 44.45 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

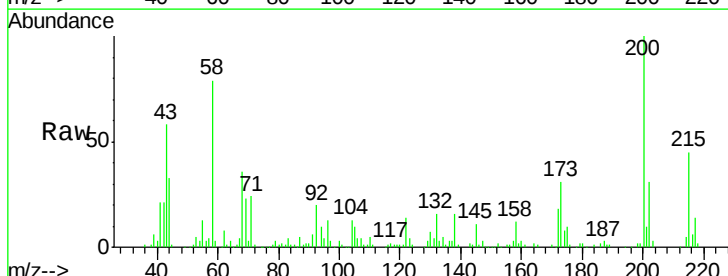
Tgt Ion:200 Resp: 146379

Ion Ratio Lower Upper

200 100

173 31.2 6.3 46.3

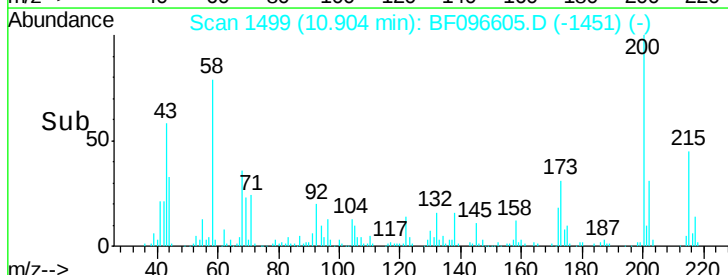
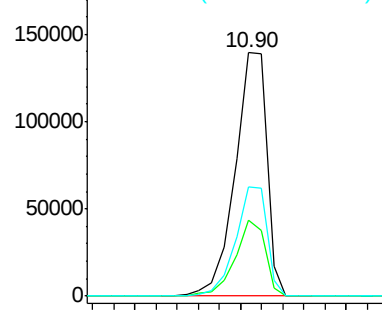
215 44.8 27.2 67.2

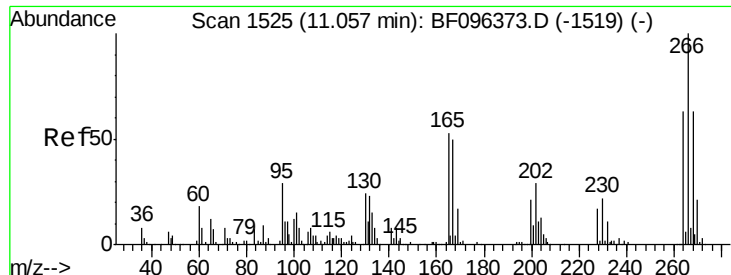


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

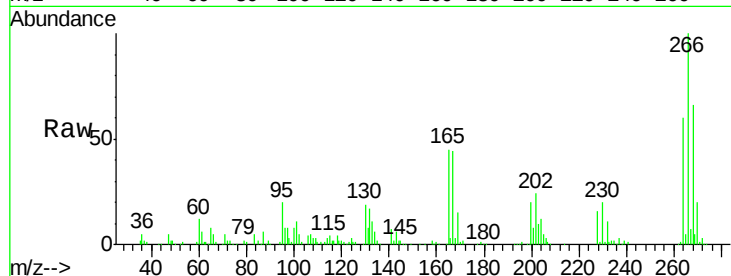




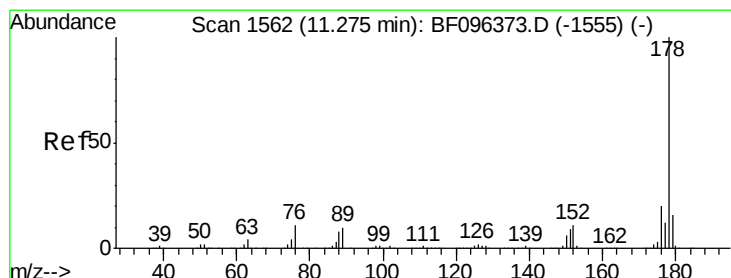
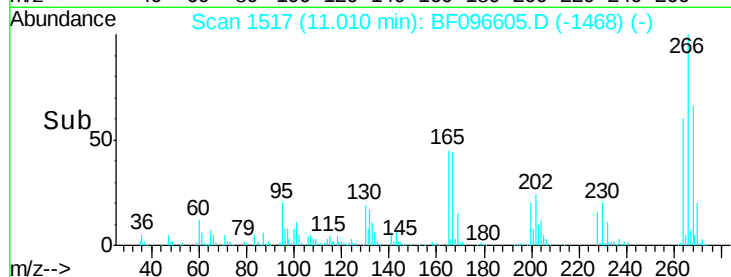
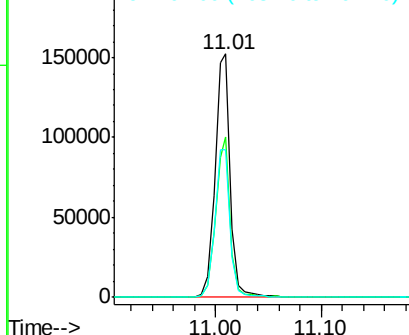
#69
 Pentachlorophenol
 Concen: 75.34 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 156300
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 60.4 51.7 77.5

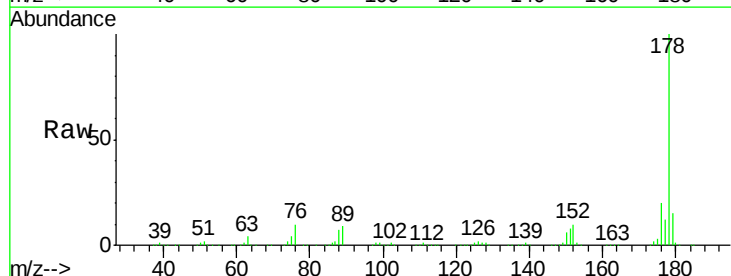


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

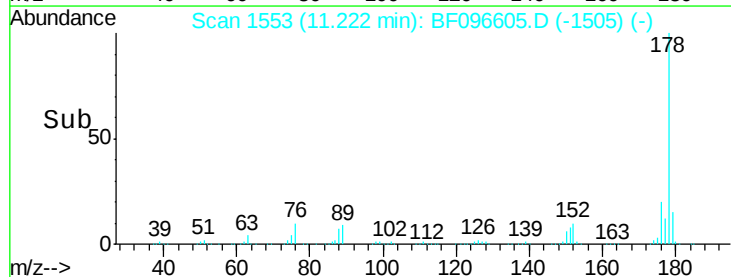
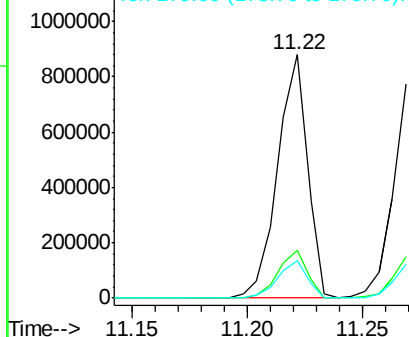


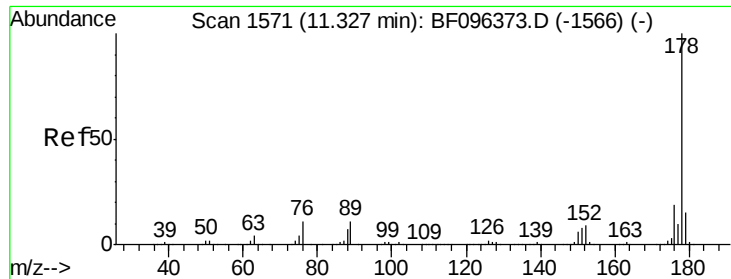
#70
 Phenanthrene
 Concen: 44.49 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:178 Resp: 790107
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.3 12.6 19.0



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

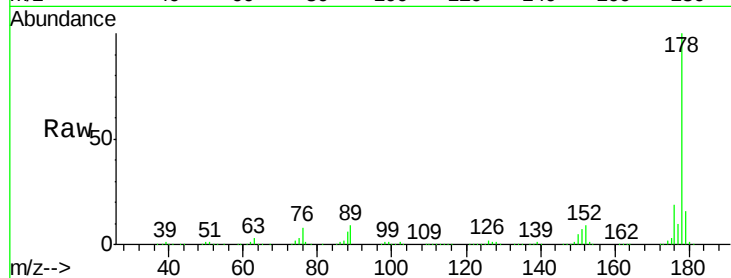




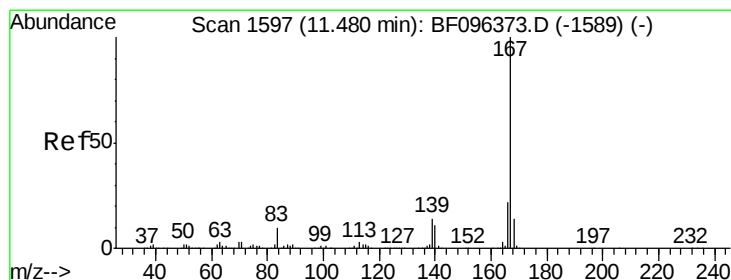
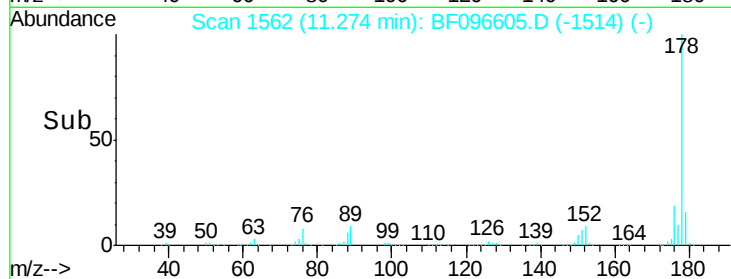
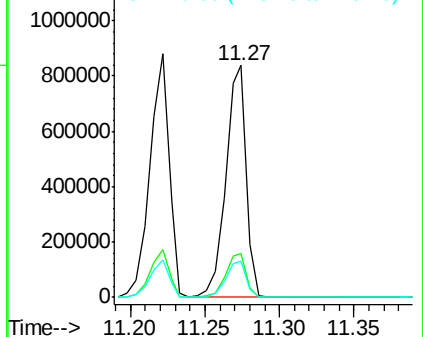
#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 811639
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1

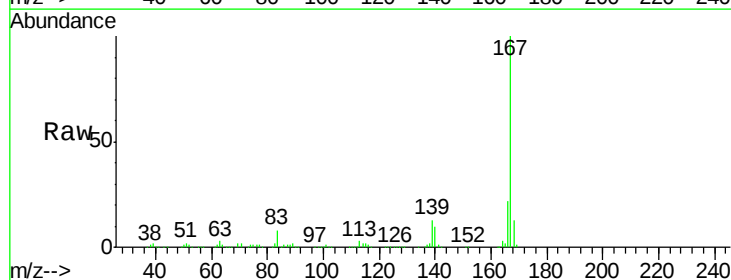


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

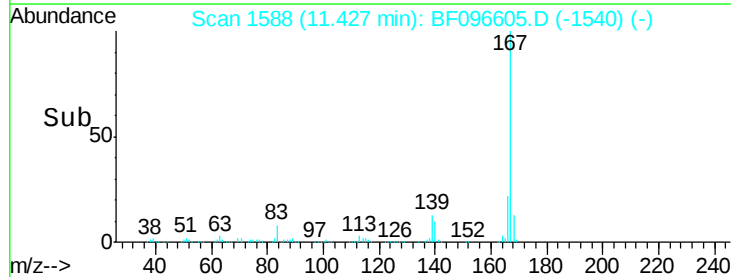
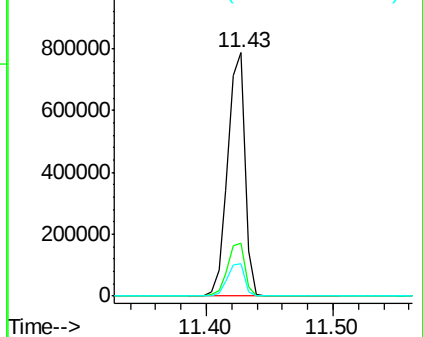


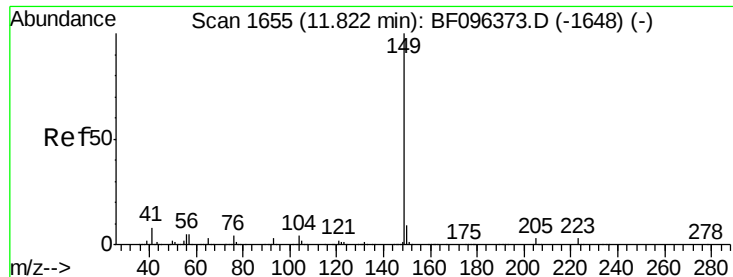
#72
 Carbazole
 Concen: 40.95 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:167 Resp: 745193
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.3 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: 40.92 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

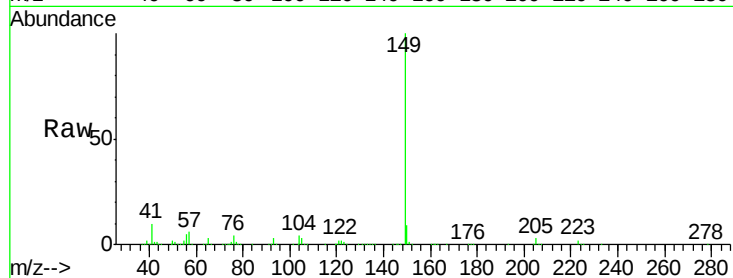
Tot Ion:149 Resp: 902068

Ion Ratio Lower Upper

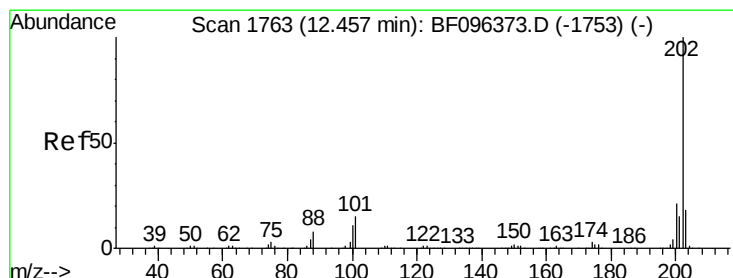
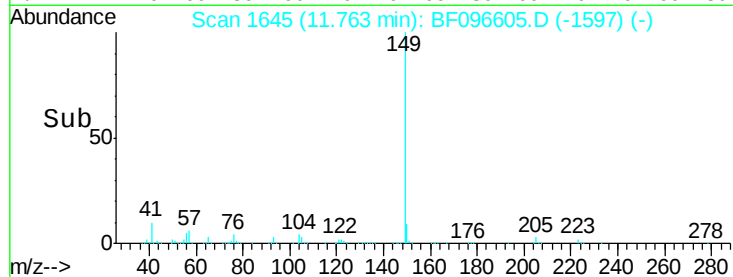
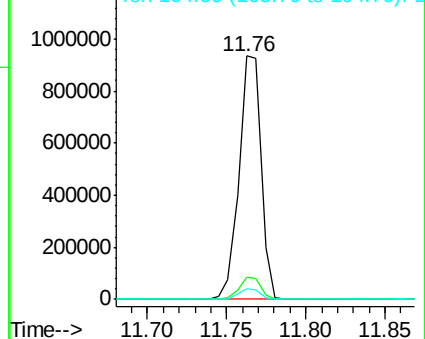
149 100

150 9.3 7.7 11.5

104 4.3 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: 41.05 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

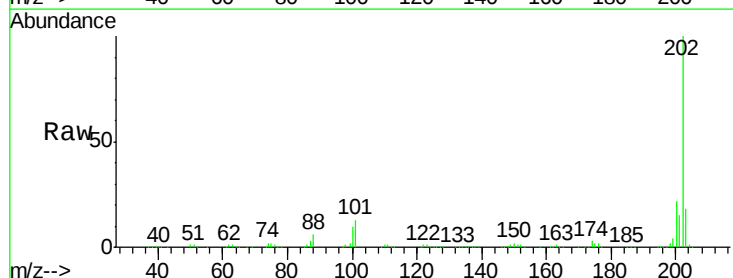
Tgt Ion:202 Resp: 714656

Ion Ratio Lower Upper

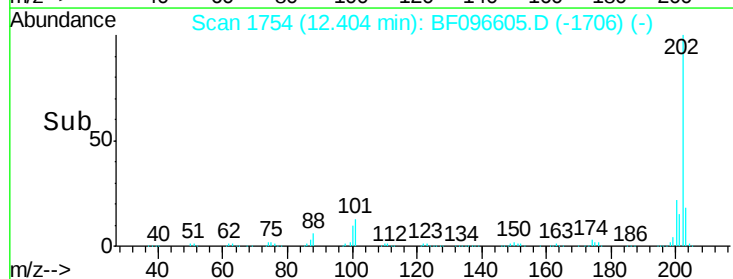
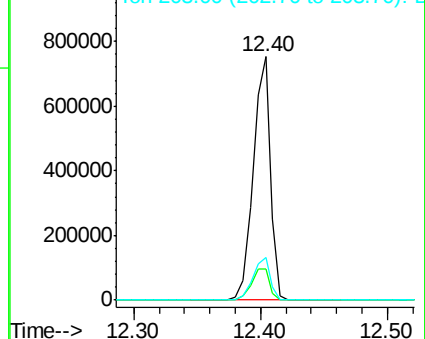
202 100

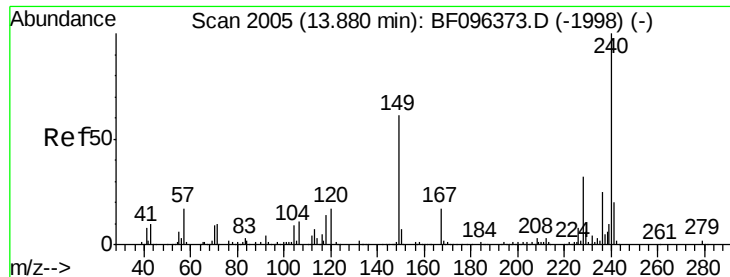
101 12.7 0.0 33.2

203 17.5 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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampled :

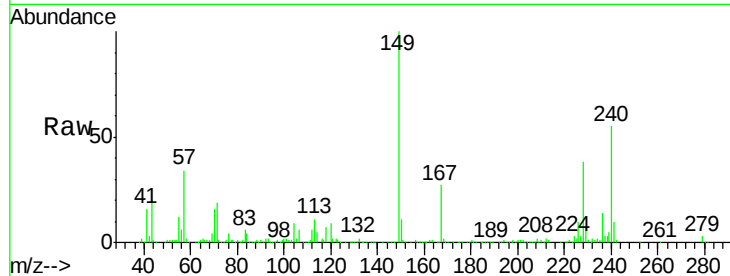
Tot Ion:240 Resp: 179154

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

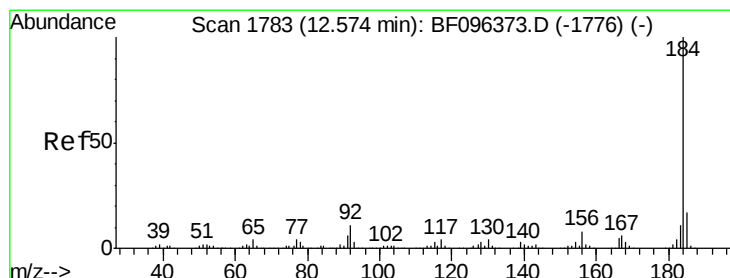
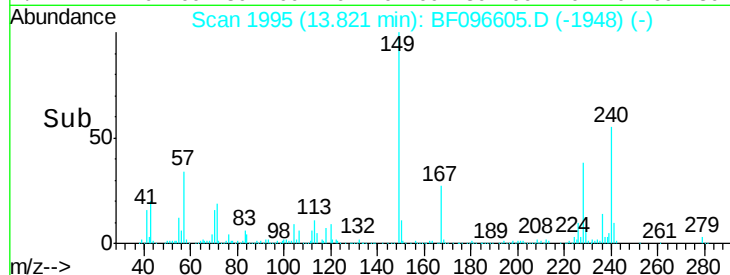
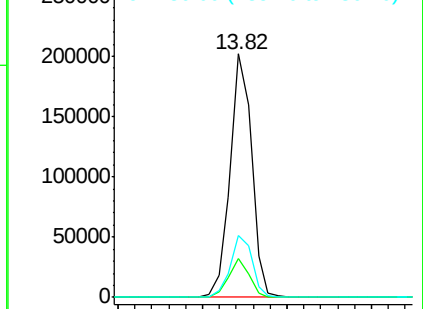
236 25.7 20.5 30.7



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: 35.46 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

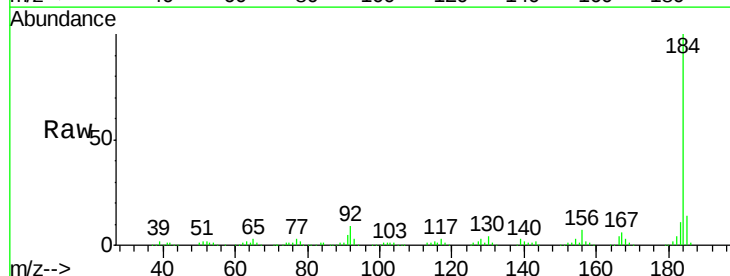
Tgt Ion:184 Resp: 304832

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

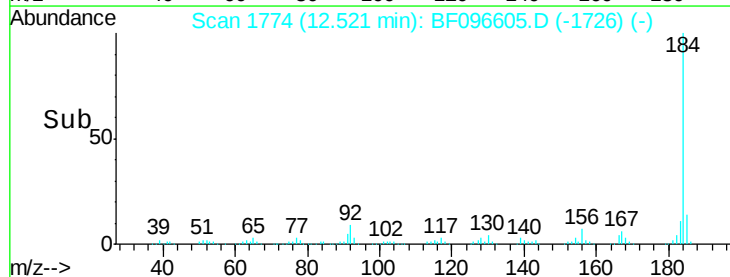
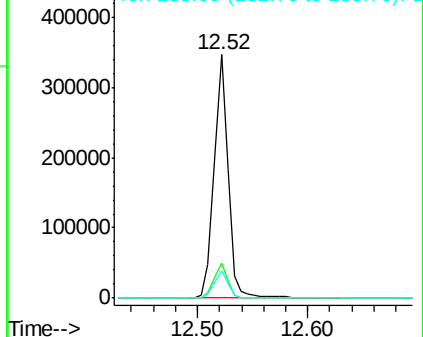
183 11.4 9.8 14.6

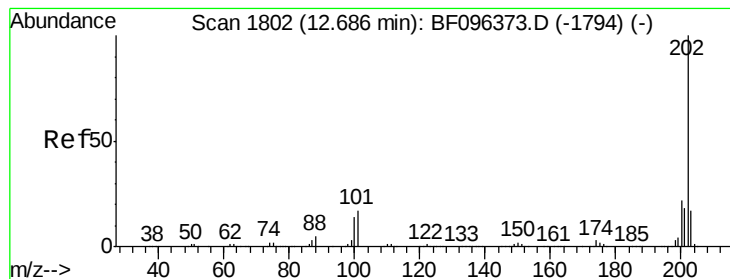


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.50 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampled :

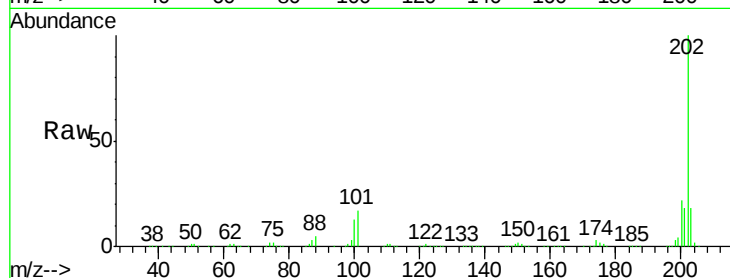
Tot Ion:202 Resp: 726148

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

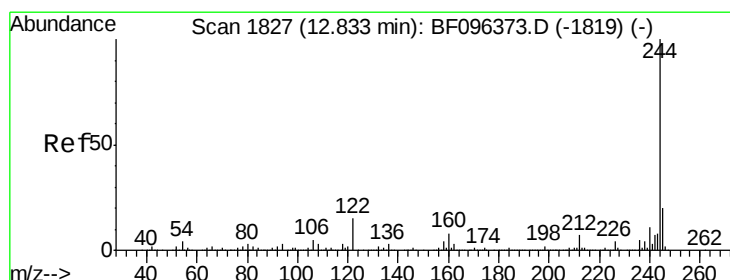
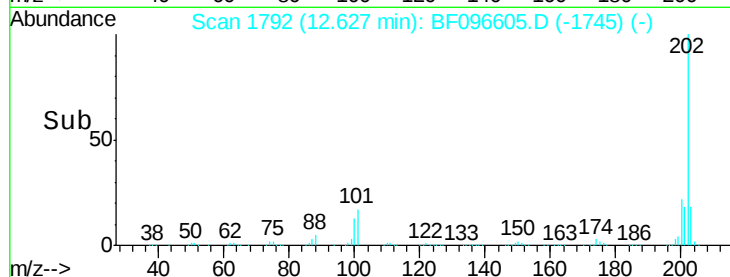
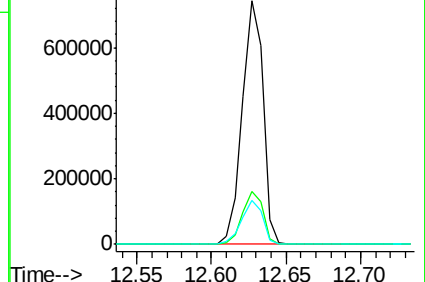
203 18.0 14.4 21.6



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: 89.72 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

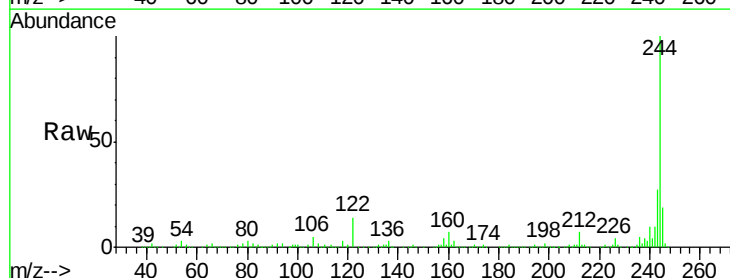
Tgt Ion:244 Resp: 752177

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

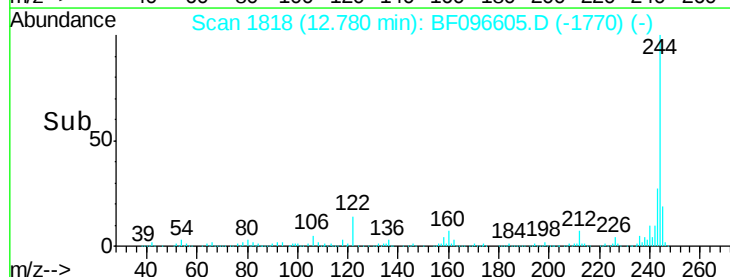
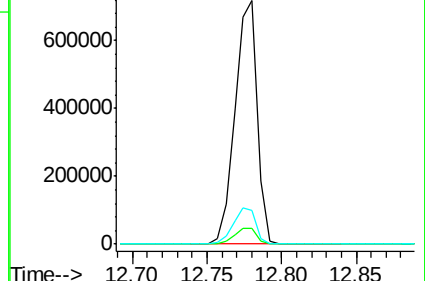
122 13.7 10.3 15.5

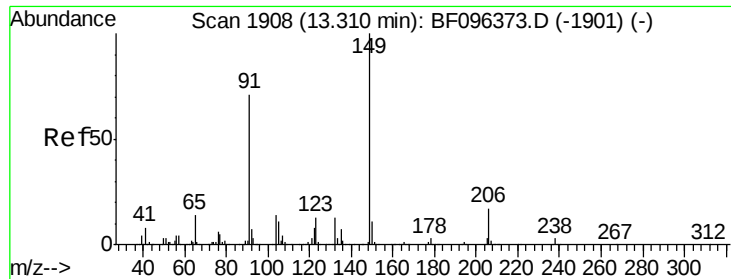


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

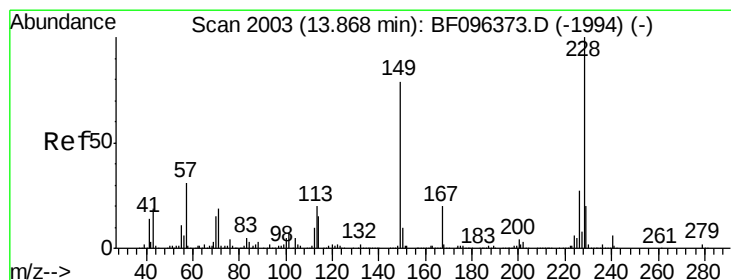
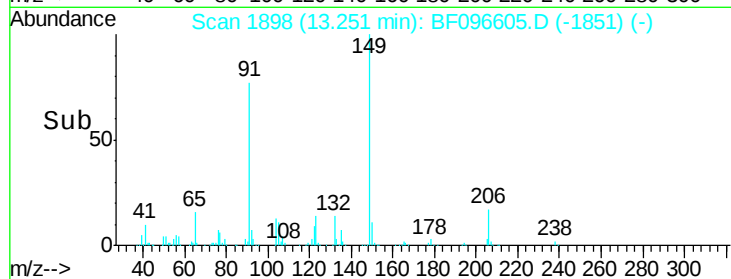
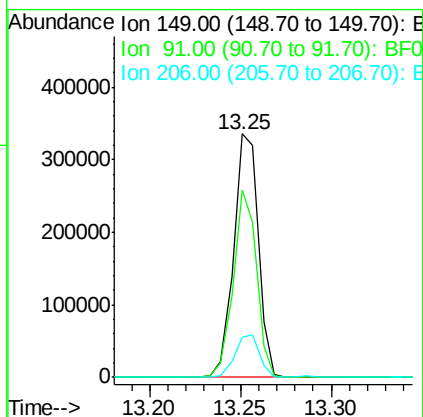
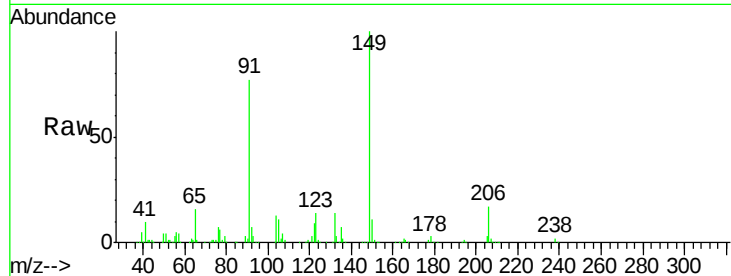




#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

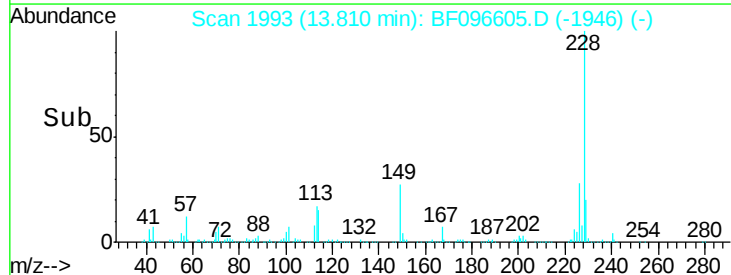
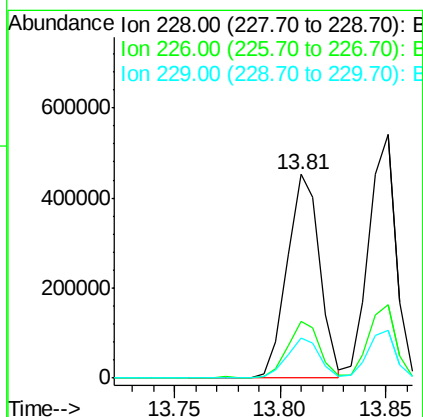
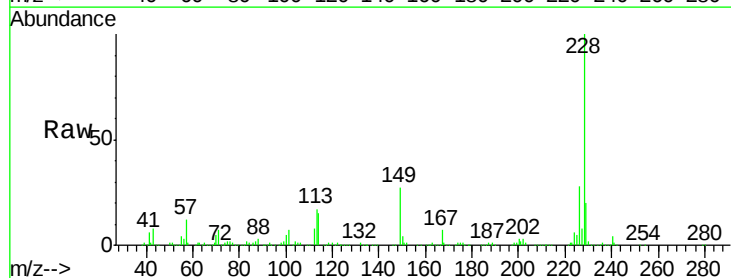
Instrument :
BNA_F
ClientSampleId :

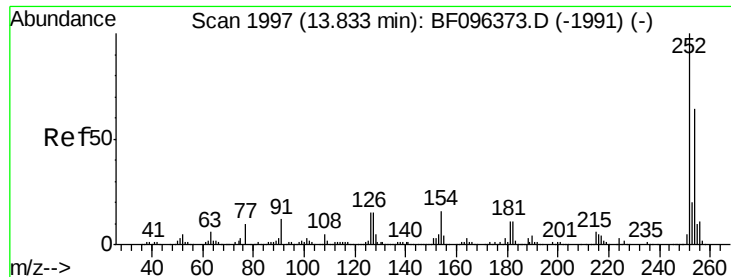
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.0	45.0	67.4#
206	16.6	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 46.76 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	16.3	24.5

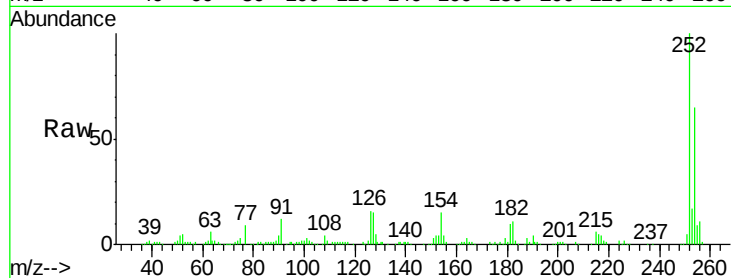




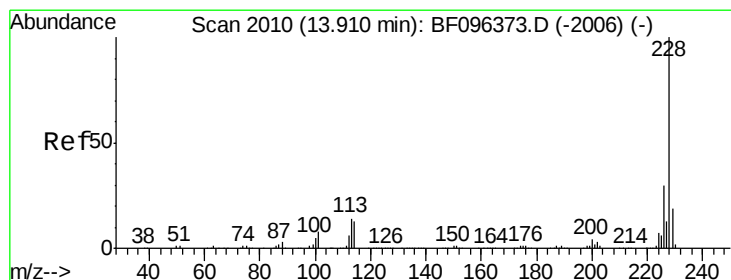
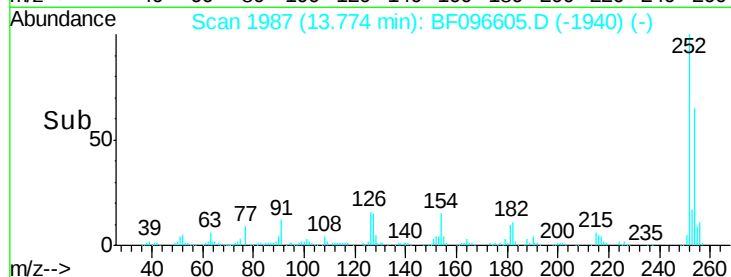
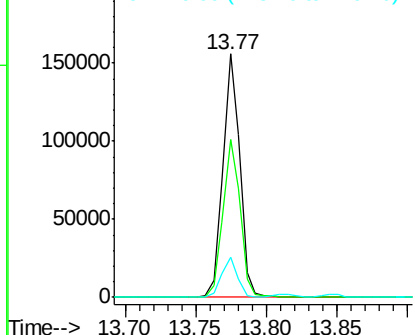
#81
 3,3'-Dichlorobenzidine
 Concen: 30.55 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 130184
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 16.4 15.8 23.8

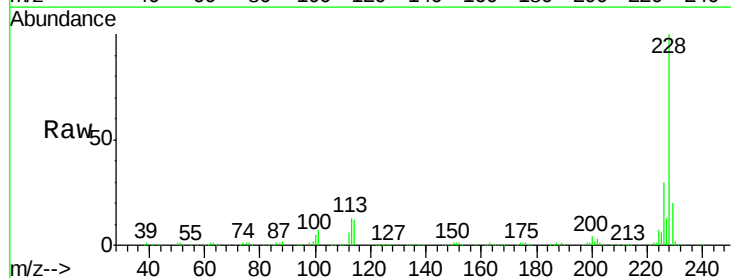


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

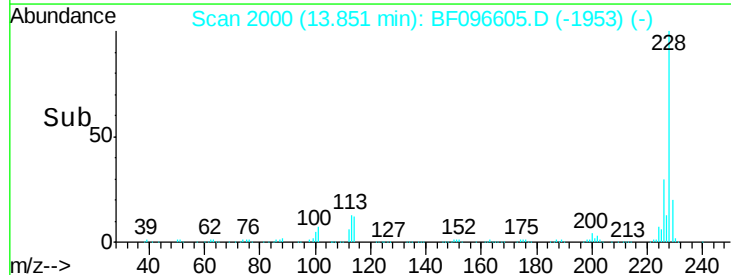
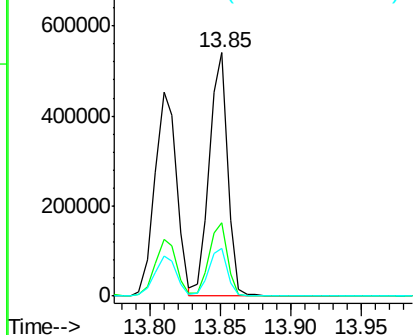


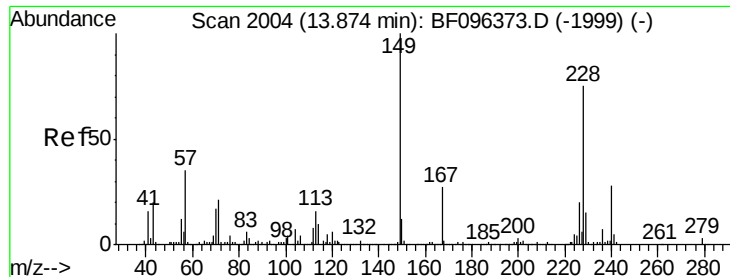
#82
 Chrysene
 Concen: 45.05 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF096605.D
 Acq: 10 Jul 2017 17:12

Tgt Ion:228 Resp: 489435
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.7 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: 44.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

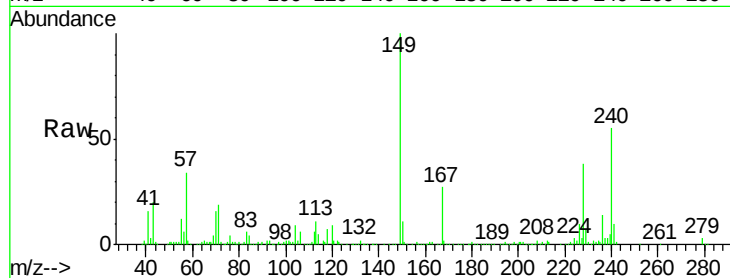
Tot Ion:149 Resp: 357517

Ion Ratio Lower Upper

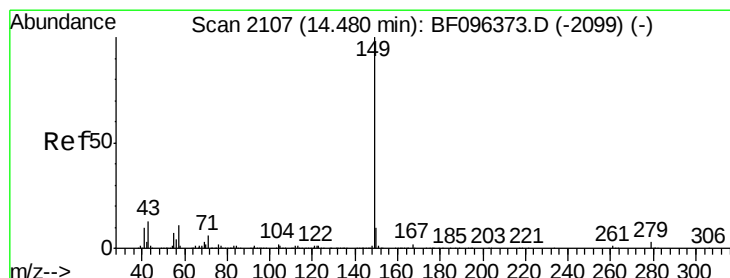
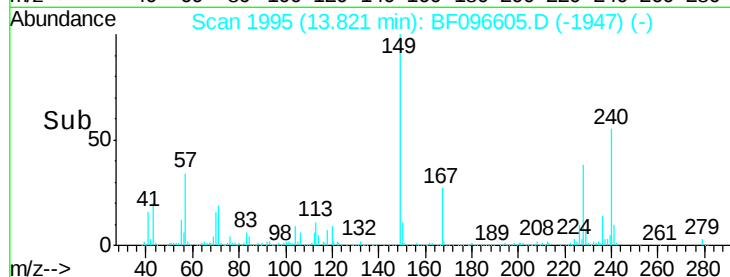
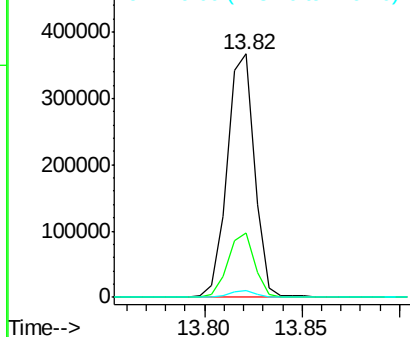
149 100

167 26.5 21.0 31.4

279 2.9 1.9 2.9



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



#84

Di-n-octyl phthalate

Concen: 40.84 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

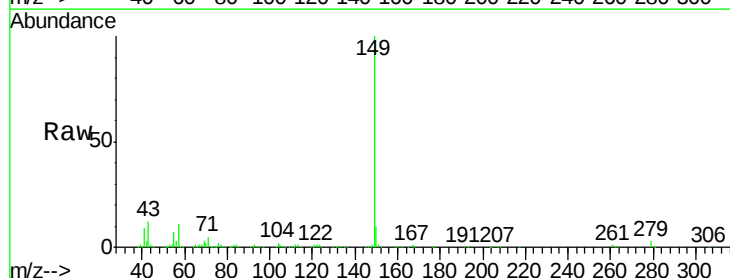
Tgt Ion:149 Resp: 653482

Ion Ratio Lower Upper

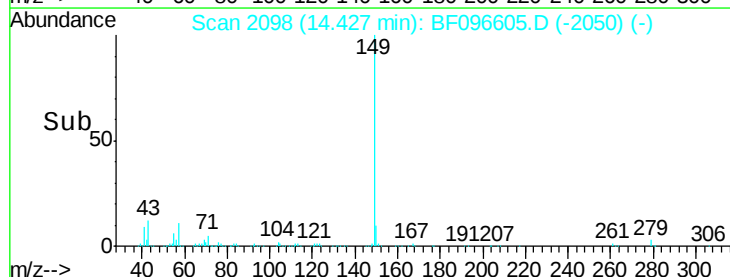
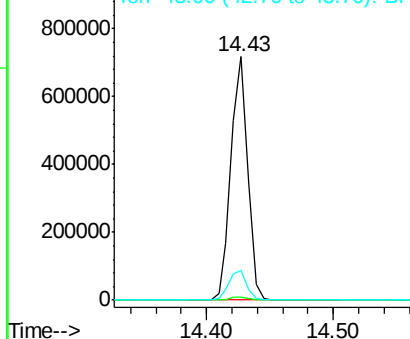
149 100

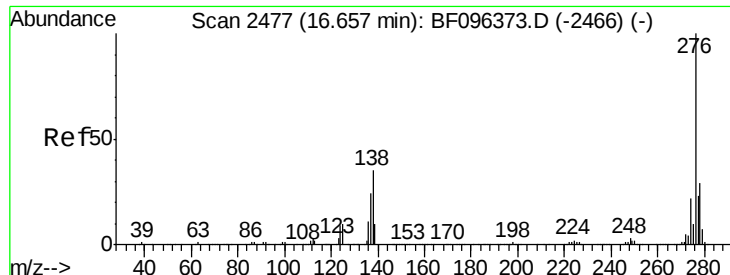
167 1.5 1.2 1.8

43 13.0 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

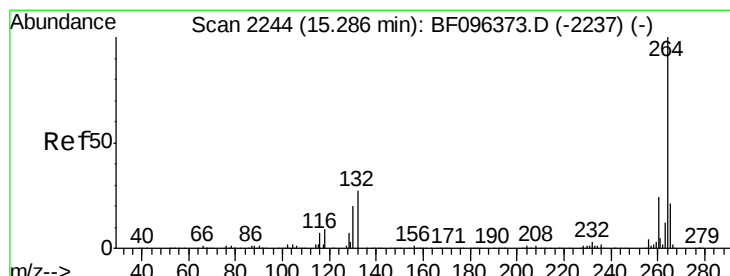
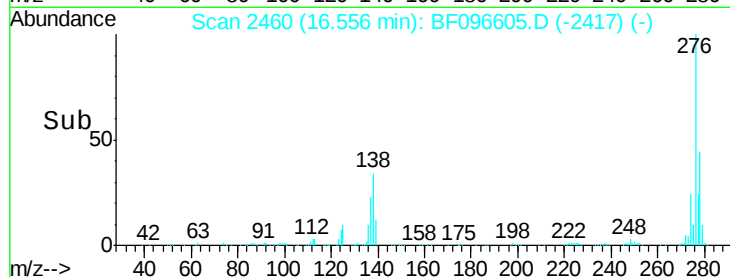
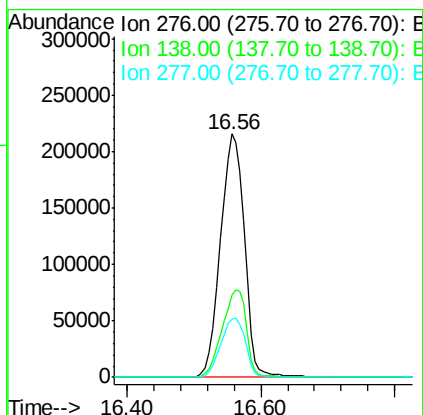
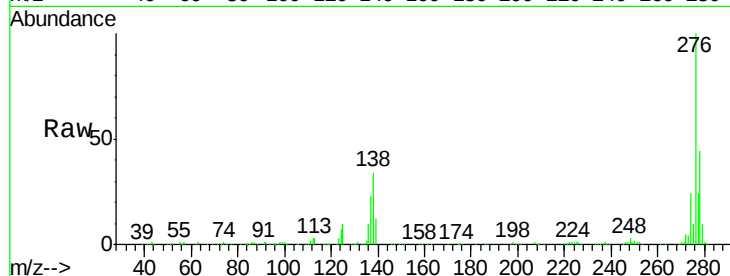




#85
Indeno(1,2,3-cd)pyrene
Concen: 64.08 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.05 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

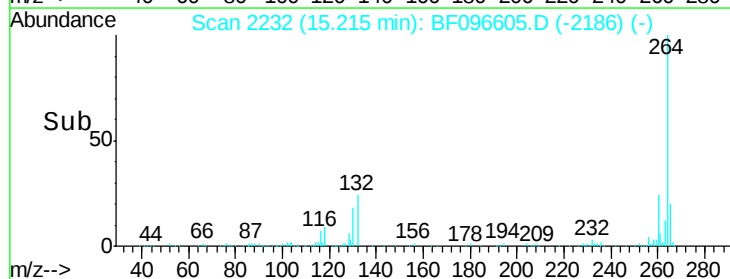
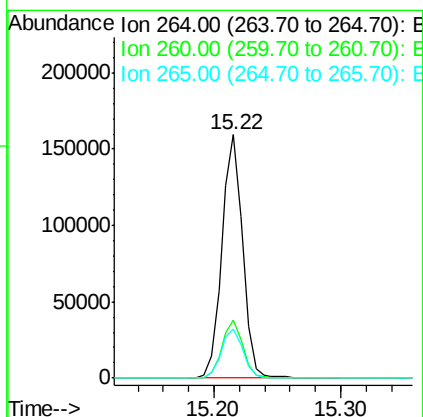
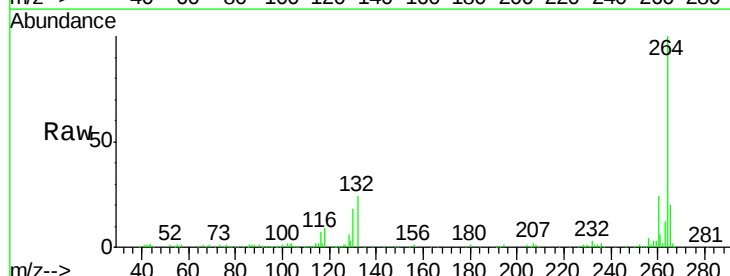
Instrument :
BNA_F
ClientSampled :

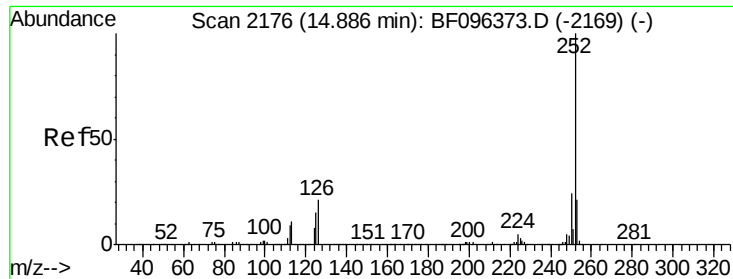
Tot Ion:276 Resp: 549528
Ion Ratio Lower Upper
276 100
138 36.5 27.8 41.6
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:264 Resp: 181368
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 20.0 17.2 25.8

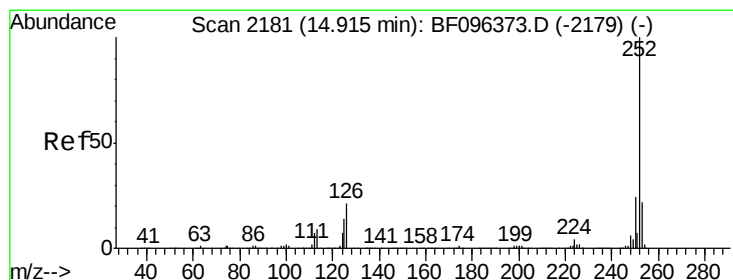
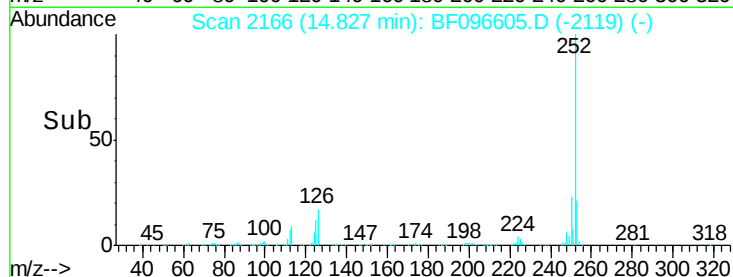
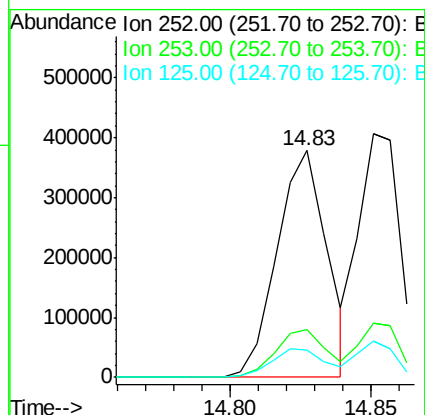
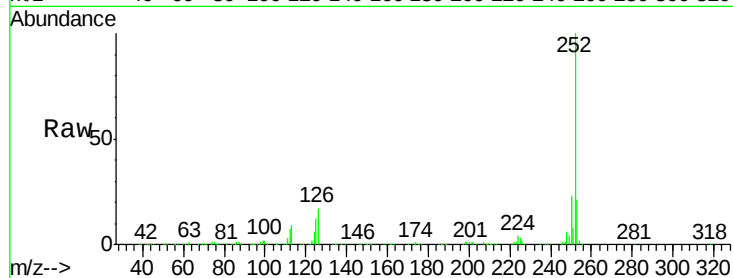




#87
Benzo(b)fluoranthene
Concen: 40.65 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

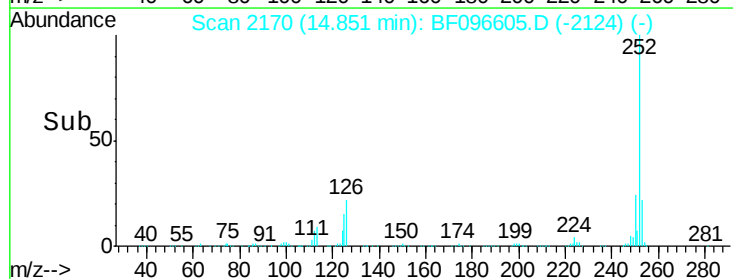
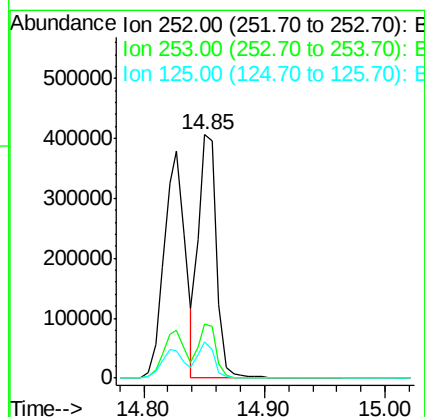
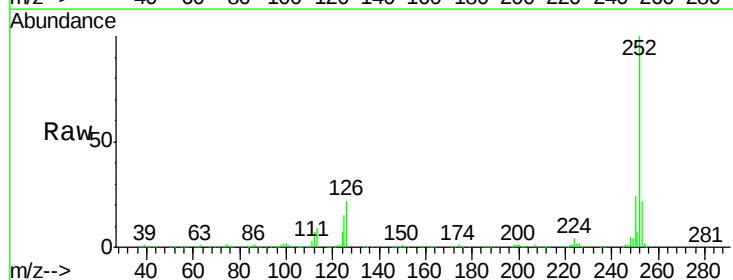
Instrument :
BNA_F
ClientSampleId :

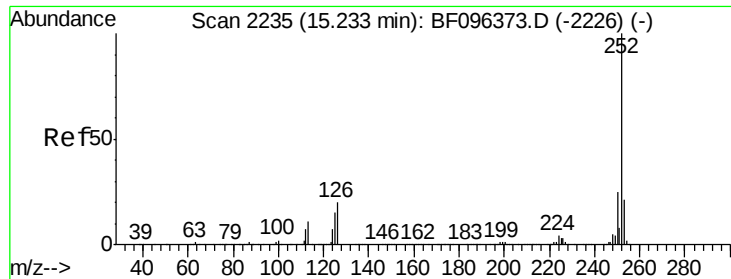
Tot Ion:252 Resp: 461929
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 12.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.64 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF096605.D
Acq: 10 Jul 2017 17:12

Tgt Ion:252 Resp: 423336
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 14.8 13.1 19.7





#89

Benzo(a)pyrene

Concen: 44.70 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.03 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampled :

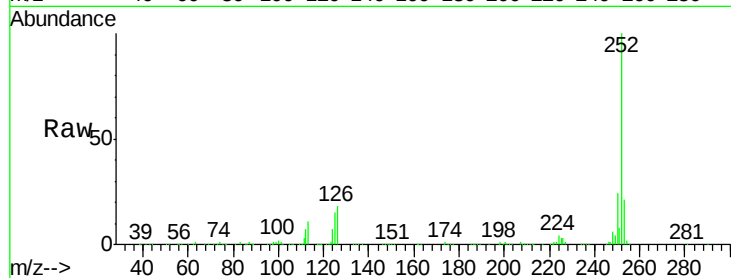
Tot Ion:252 Resp: 453487

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

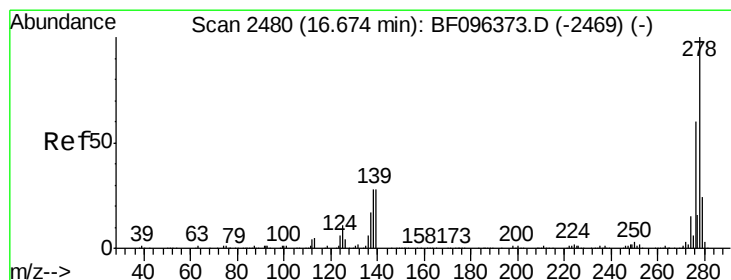
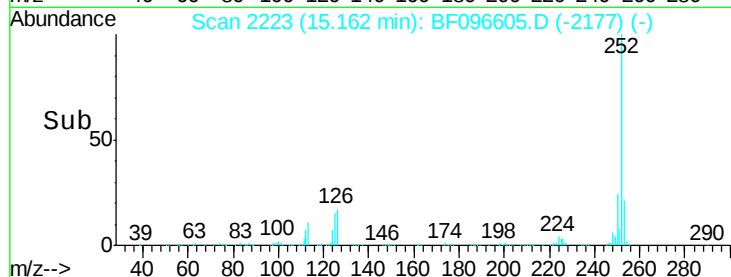
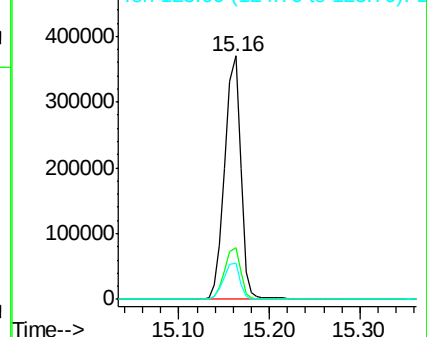
125 14.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 55.69 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.04 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

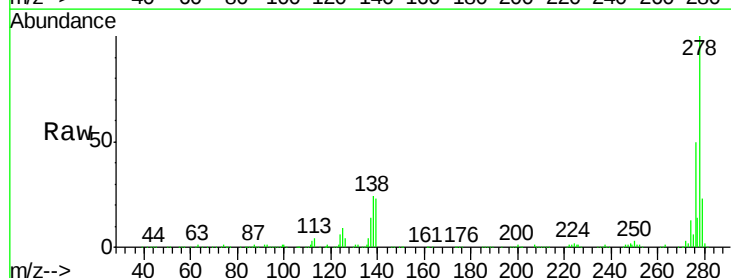
Tgt Ion:278 Resp: 444538

Ion Ratio Lower Upper

278 100

139 22.6 16.6 24.8

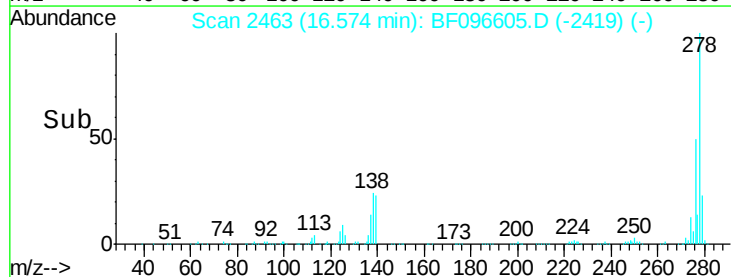
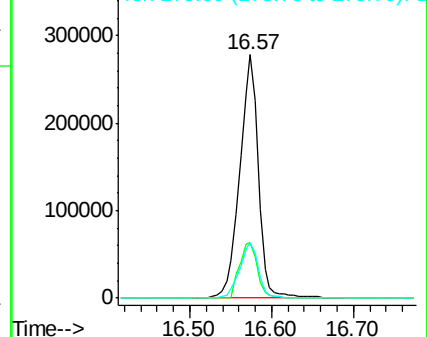
279 22.7 19.3 28.9

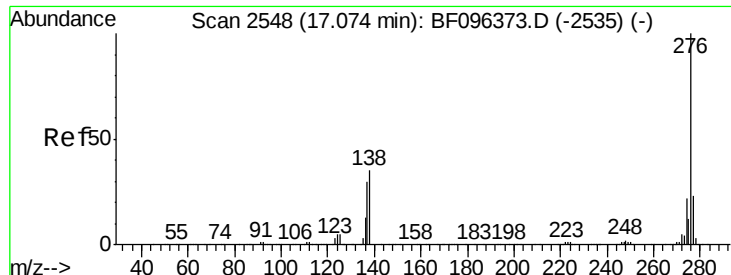


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 59.11 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.04 min

Lab File: BF096605.D

Acq: 10 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

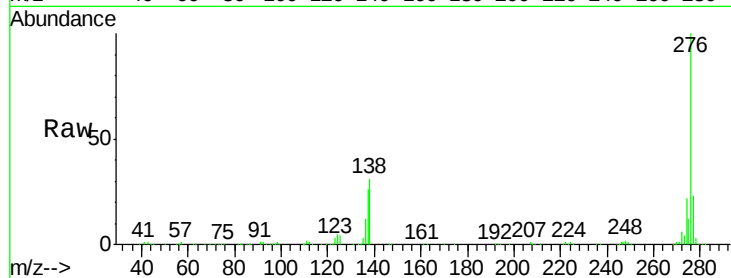
Tot Ion: 276 Resp: 488929

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 31.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

