

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087996.D
 Acq On : 14 Jun 2016 8:46
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 13:37:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118216	20.00	ng	0.01
21) Naphthalene-d8	8.09	136	459836	20.00	ng	0.01
38) Acenaphthene-d10	9.84	164	192050	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312051	20.00	ng	0.01
75) Chrysene-d12	13.95	240	212103	20.00	ng	0.00
86) Perylene-d12	15.37	264	197443	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	471012	68.11	ng	0.00
7) Phenol-d6	6.44	99	644530	76.91	ng	0.01
23) Nitrobenzene-d5	7.37	82	584218	74.19	ng	0.01
41) 2,4,6-Tribromophenol	10.63	330	120857	59.60	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	981897	79.99	ng	0.00
78) Terphenyl-d14	12.90	244	714650	76.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	126689	37.70	ng	# 39
3) Pyridine	3.03	79	346909	43.73	ng	97
4) n-Nitrosodimethylamine	2.98	42	126514	37.65	ng	85
6) Aniline	6.46	93	405700	34.01	ng	# 37
8) 2-Chlorophenol	6.58	128	304297	37.18	ng	93
9) Benzaldehyde	6.34	77	182208	32.11	ng	94
10) Phenol	6.46	94	391163	45.22	ng	# 63
11) bis(2-Chloroethyl)ether	6.54	93	263867	35.91	ng	93
12) 1,3-Dichlorobenzene	6.81	146	314118	35.77	ng	97
13) 1,4-Dichlorobenzene	6.81	146	314118	35.51	ng	96
14) 1,2-Dichlorobenzene	6.74	146	334537	41.58	ng	99
15) Benzyl Alcohol	6.95	79	236543	36.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	363113	36.57	ng	93
17) 2-Methylphenol	7.06	107	230643	34.75	ng	99
18) Hexachloroethane	7.31	117	105553	33.63	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	168431	31.42	ng	91
20) 3+4-Methylphenols	7.22	107	271601	35.07	ng	96
22) Acetophenone	7.21	105	393296	38.27	ng	# 91
24) Nitrobenzene	7.39	77	302791	39.70	ng	91
25) Isophorone	7.63	82	553822	37.97	ng	97
26) 2-Nitrophenol	7.70	139	133384	32.64	ng	95
27) 2,4-Dimethylphenol	7.75	122	243207	32.33	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	340877	37.68	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	258702	41.18	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	257426	37.64	ng	99
31) Naphthalene	8.11	128	876028	38.50	ng	99
32) Benzoic acid	7.87	122	129801	31.33	ng	96
33) 4-Chloroaniline	8.16	127	333781	32.85	ng	99
34) Hexachlorobutadiene	8.23	225	127880	35.45	ng	99
35) Caprolactam	8.55	113	80703	38.79	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	237979	35.43	ng	100
37) 2-Methylnaphthalene	8.80	142	501747	33.45	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	238038	49.16	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	36281	11.71	ng	98

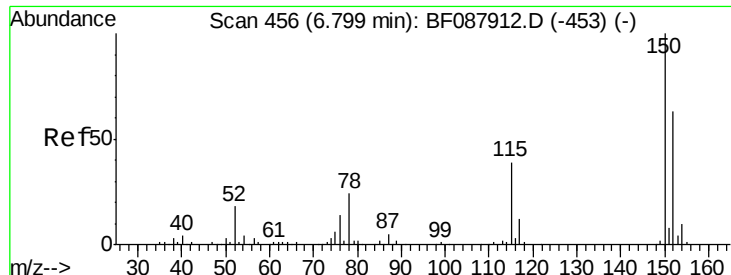
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087996.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	159563	41.55	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	159305	39.87	nq	97
45) 1,1'-Biphenyl	9.27	154	619853	42.68	nq	98
46) 2-Chloronaphthalene	9.29	162	473882	38.13	nq	99
47) 2-Nitroaniline	9.39	65	154323	42.09	nq	# 57
48) Acenaphthylene	9.70	152	706205	35.73	nq	100
49) Dimethylphthalate	9.58	163	618059	44.43	nq	99
50) 2,6-Dinitrotoluene	9.63	165	124766	39.16	nq	# 77
51) Acenaphthene	9.87	154	432117	35.04	nq	99
52) 3-Nitroaniline	9.80	138	165417	45.00	nq	# 76
53) 2,4-Dinitrophenol	9.91	184	17269	14.70	nq	# 77
54) Dibenzofuran	10.04	168	623571	36.72	nq	# 90
55) 4-Nitrophenol	9.96	139	93912	32.91	nq	90
56) 2,4-Dinitrotoluene	10.03	165	145098	35.44	nq	# 70
57) Fluorene	10.39	166	430545	36.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	122354	38.97	nq	# 56
59) Diethylphthalate	10.27	149	578992	41.12	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	224586	39.77	nq	# 87
61) 4-Nitroaniline	10.41	138	132657	38.04	nq	99
62) Azobenzene	10.55	77	543761	39.05	nq	86
64) 4,6-Dinitro-2-methylphenol	10.44	198	31905	17.80	nq	# 61
65) n-Nitrosodiphenylamine	10.50	169	423538	40.90	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	135360	40.43	nq	# 79
67) Hexachlorobenzene	10.94	284	130458	37.51	nq	97
68) Atrazine	11.04	200	124982	39.86	nq	98
69) Pentachlorophenol	11.13	266	68951	37.61	nq	97
70) Phenanthrene	11.35	178	638525	38.99	nq	100
71) Anthracene	11.40	178	676970	40.99	nq	98
72) Carbazole	11.55	167	575379	37.23	nq	99
73) Di-n-butylphthalate	11.90	149	821572	41.99	nq	# 97
74) Fluoranthene	12.54	202	613101	35.48	nq	94
76) Benzidine	12.66	184	323244	55.04	nq	98
77) Pyrene	12.75	202	595781	37.85	nq	99
79) Butylbenzylphthalate	13.38	149	280489	40.31	nq	# 85
80) Benzo(a)anthracene	13.94	228	456834	37.80	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	150684	46.36	nq	# 95
82) Chrysene	13.99	228	483449	42.52	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	349992	41.32	nq	99
84) Di-n-octyl phthalate	14.56	149	675241	49.06	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.73	276	424089	40.14	nq	# 100
87) Benzo(b)fluoranthene	14.99	252	885768	64.37	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	885779	85.33	nq	99
89) Benzo(a)pyrene	15.31	252	432198	38.82	nq	# 94
90) Dibenzo(a,h)anthracene	16.75	278	361300	34.94	nq	96
91) Benzo(g,h,i)perylene	17.14	276	352678	33.15	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampled :

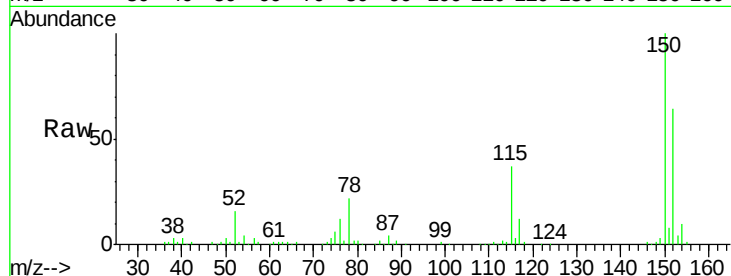
Tot Ion:152 Resp: 118216

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

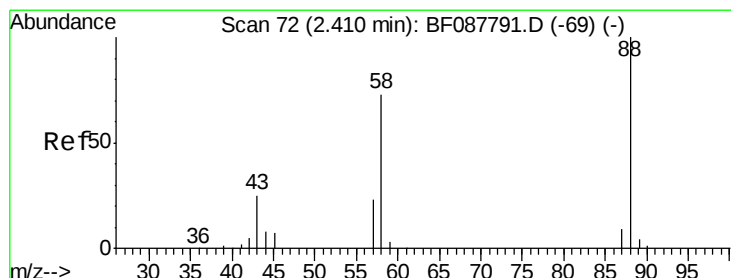
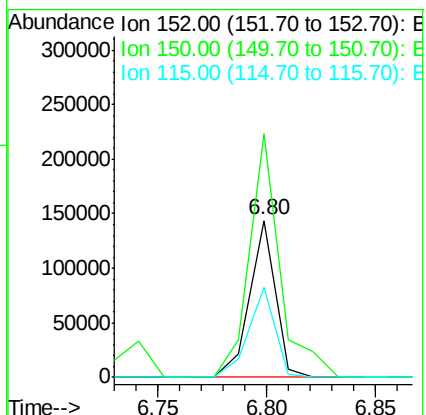
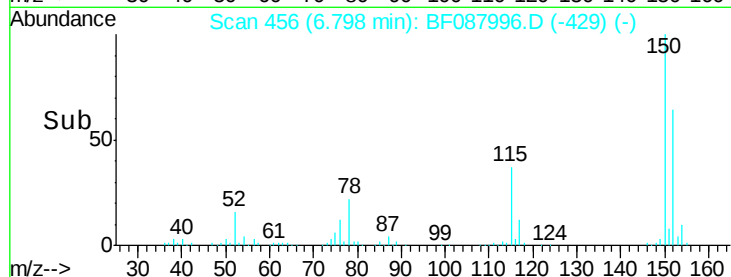
115 57.5 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.70 ng

RT: 2.33 min Scan# 65

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

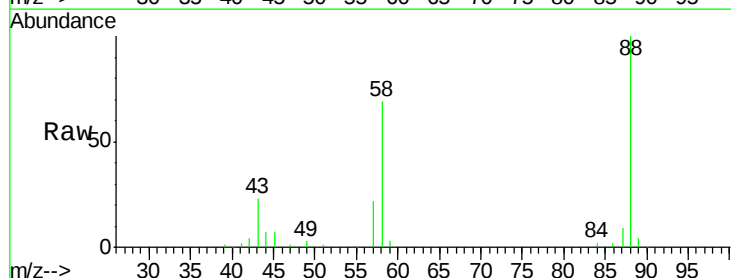
Tgt Ion: 88 Resp: 126689

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

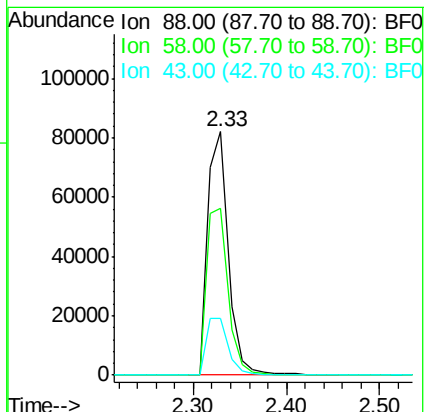
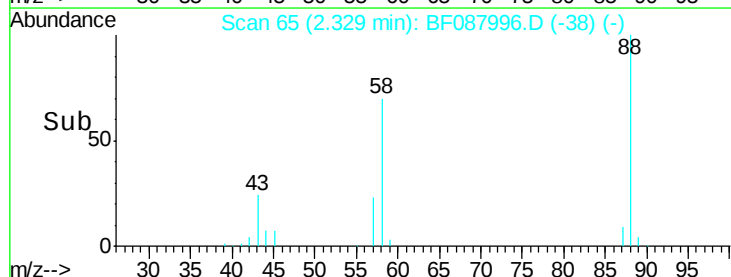
43 24.5 3.4 5.2#

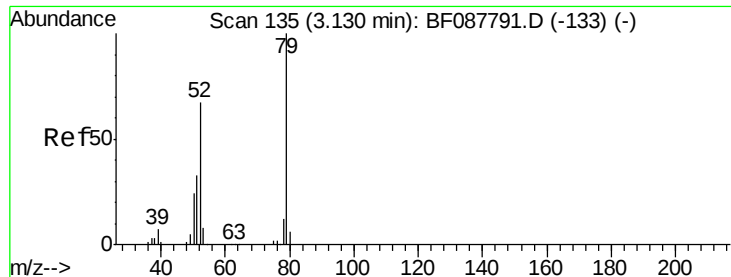


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.73 ng

RT: 3.03 min Scan# 126

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

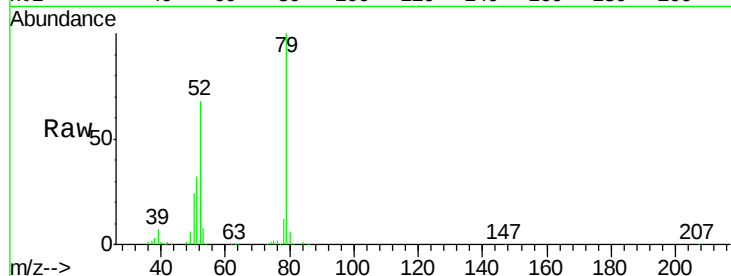
Tot Ion: 79 Resp: 346909

Ion Ratio Lower Upper

79 100

52 67.7 56.3 84.5

51 32.4 27.4 41.2

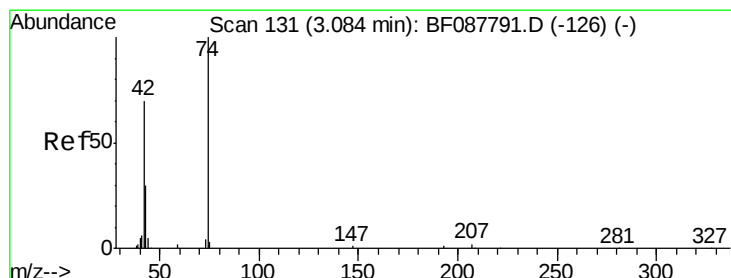
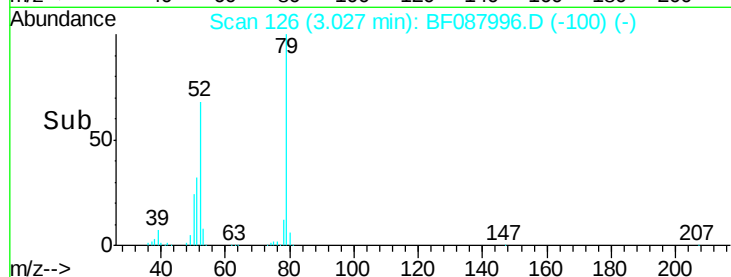
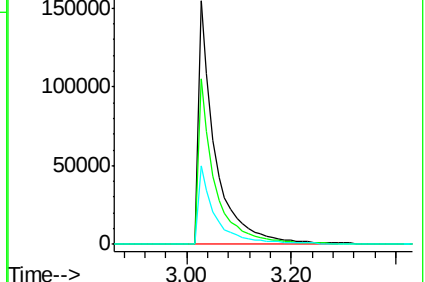


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

3.03



#4

n-Nitrosodimethylamine

Concen: 37.65 ng

RT: 2.98 min Scan# 122

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

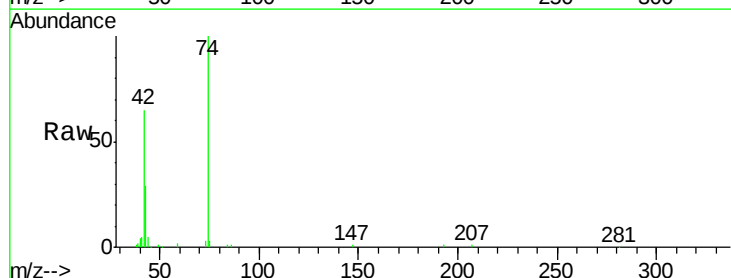
Tgt Ion: 42 Resp: 126514

Ion Ratio Lower Upper

42 100

74 154.2 108.6 163.0

44 7.2 5.5 8.3

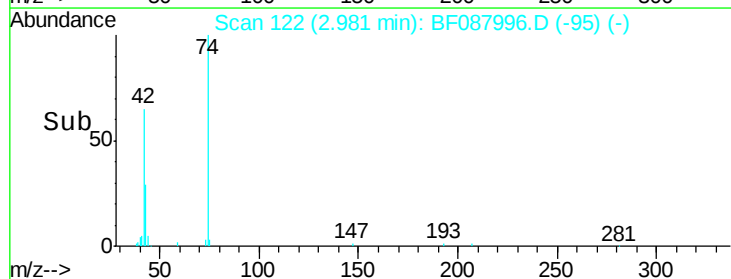
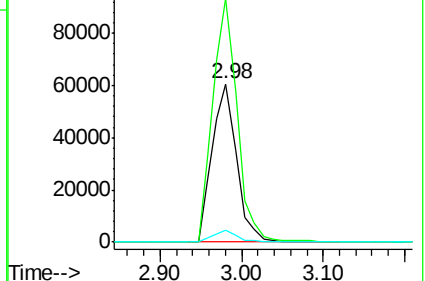


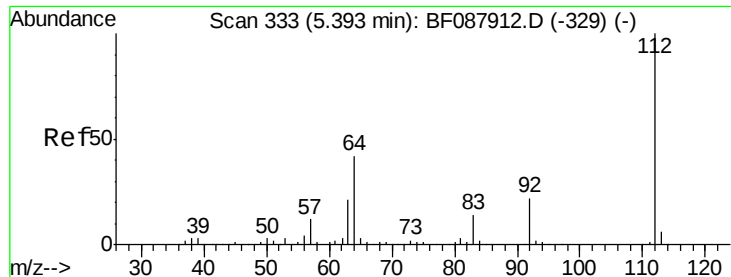
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

2.98





#5

2-Fluorophenol

Concen: 68.11 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

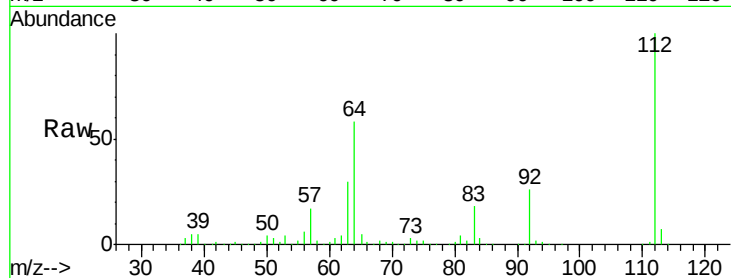
Tot Ion:112 Resp: 471012

Ion Ratio Lower Upper

112 100

64 57.7 42.2 63.2

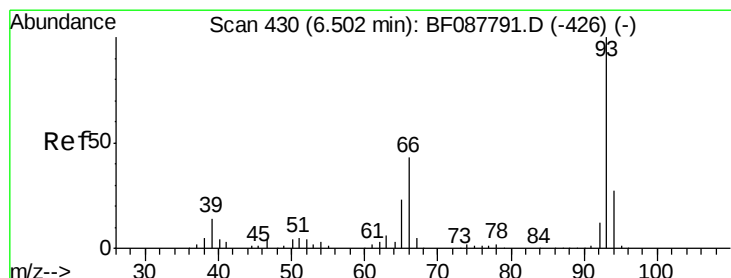
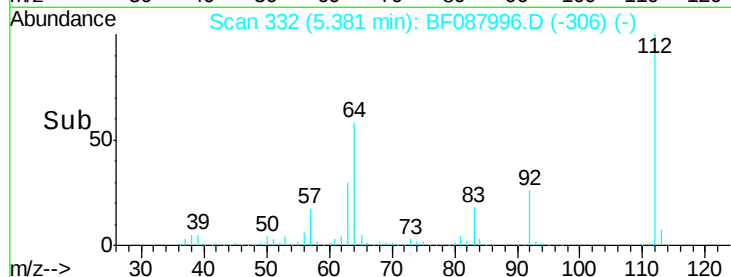
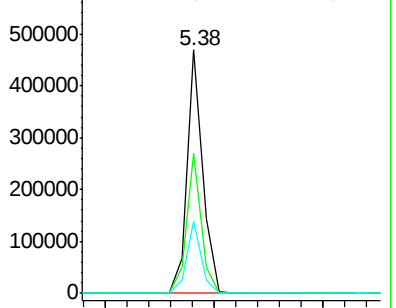
63 29.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.01 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

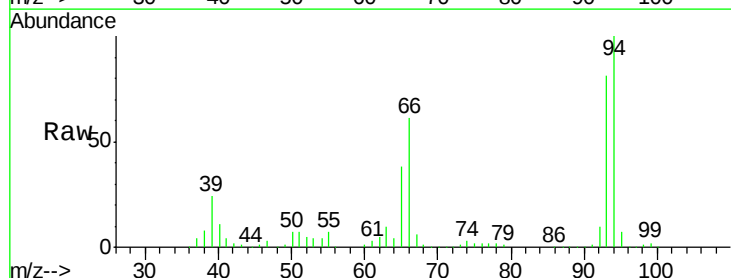
Tgt Ion: 93 Resp: 405700

Ion Ratio Lower Upper

93 100

66 74.6 29.8 44.8#

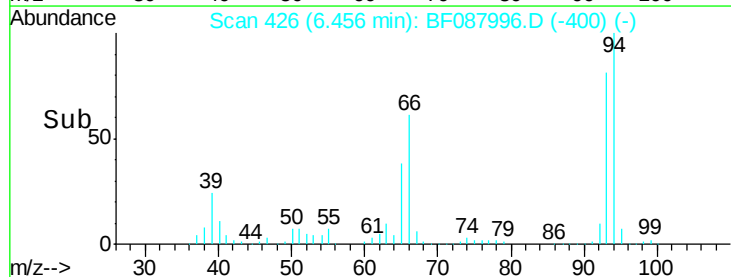
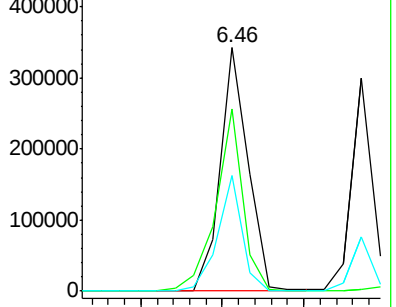
65 47.4 14.9 22.3#

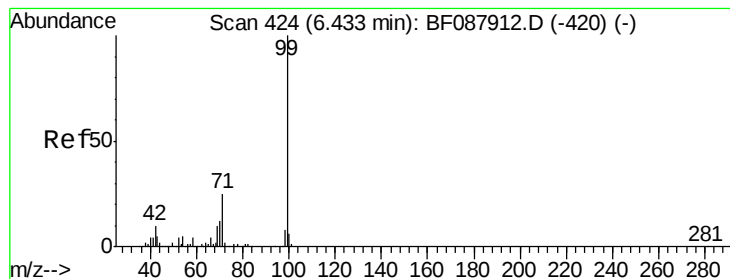


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.91 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

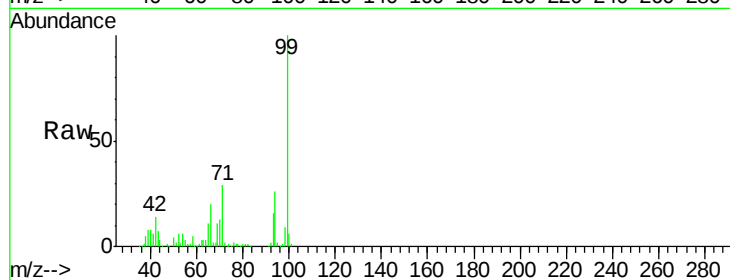
Tot Ion: 99 Resp: 644530

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

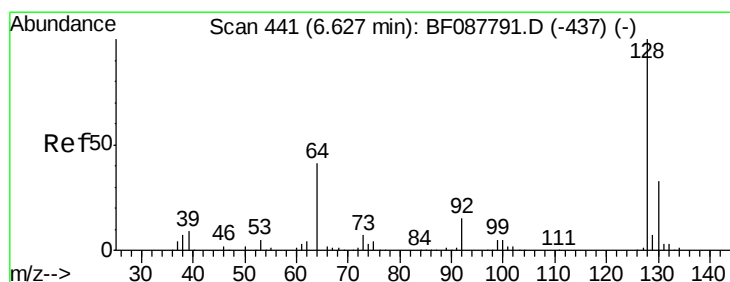
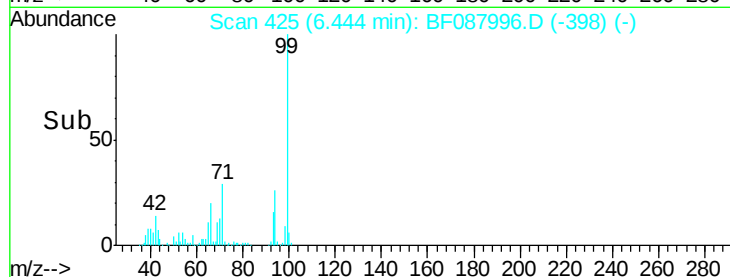
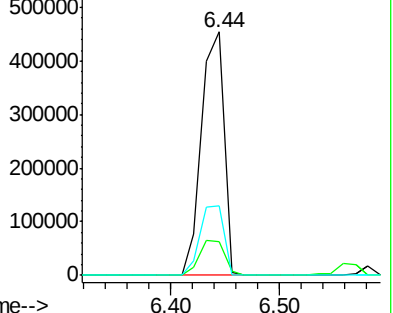
71 28.6 23.4 35.0



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: 37.18 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

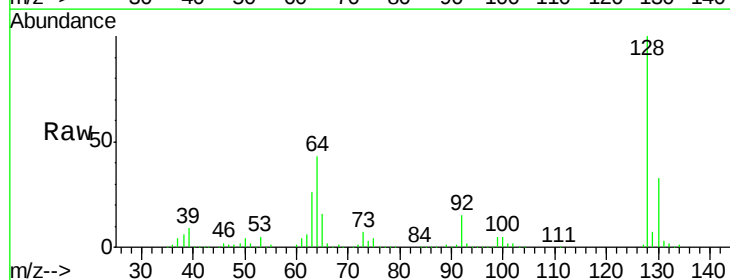
Tgt Ion: 128 Resp: 304297

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

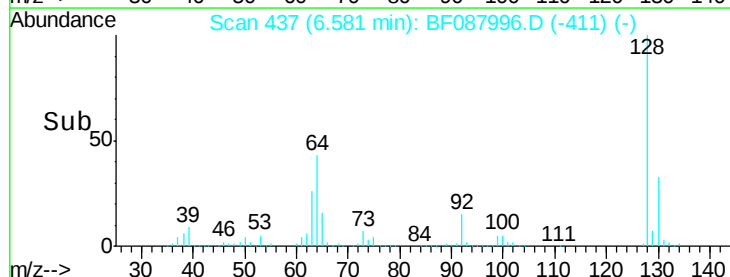
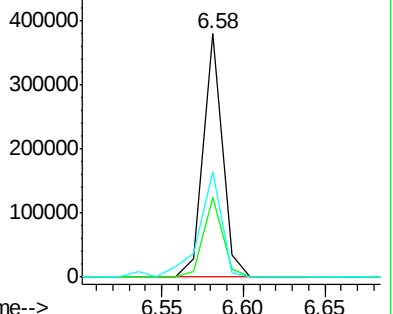
64 43.2 30.8 70.8

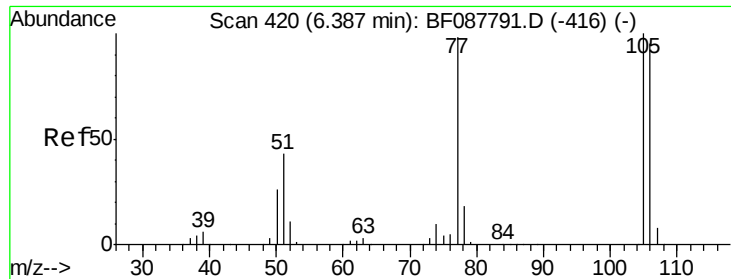


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

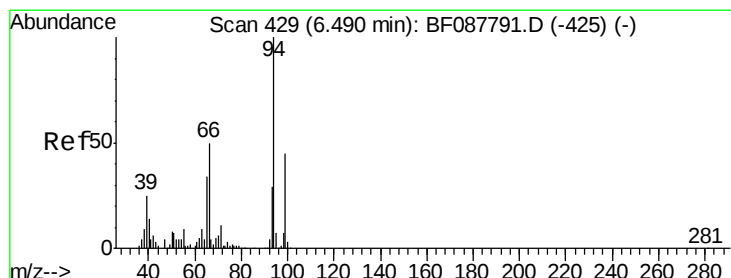
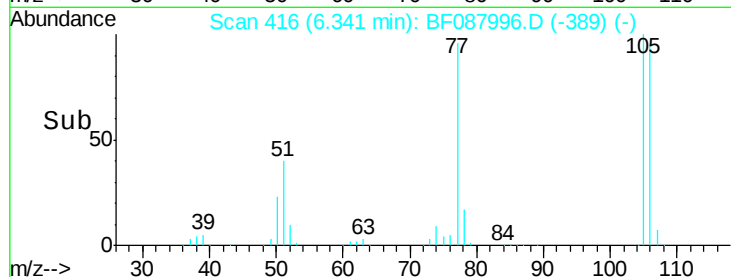
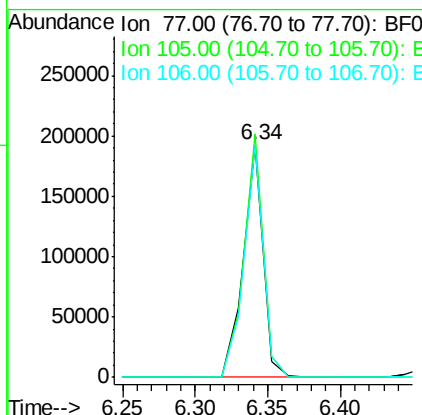
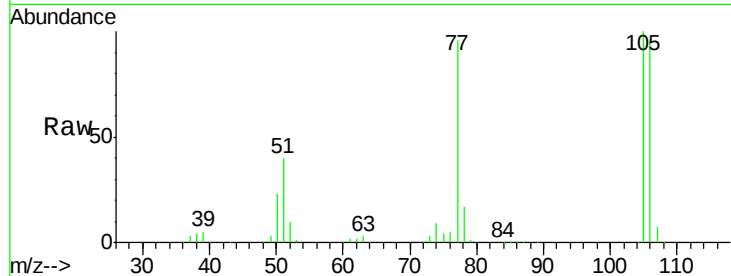




#9
Benzaldehyde
Concen: 32.11 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

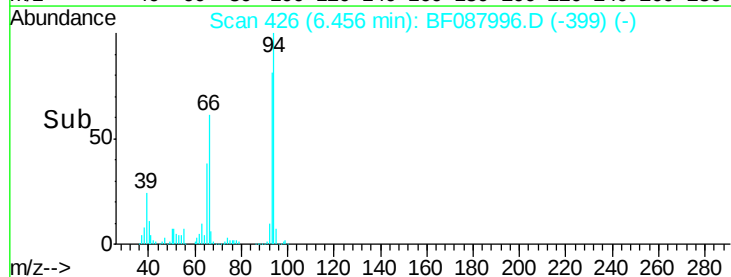
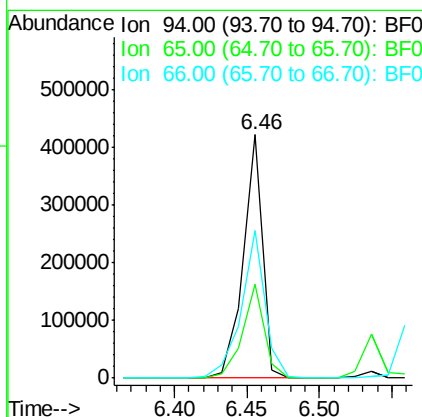
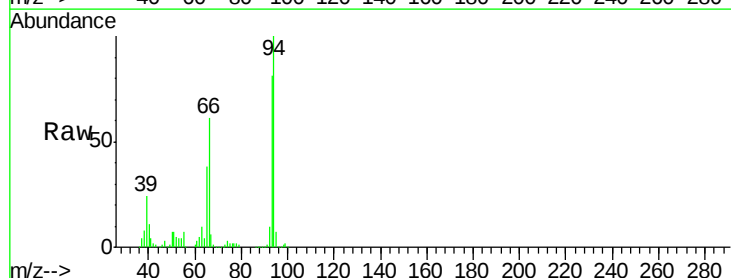
Instrument :
BNA_F
ClientSampleId :

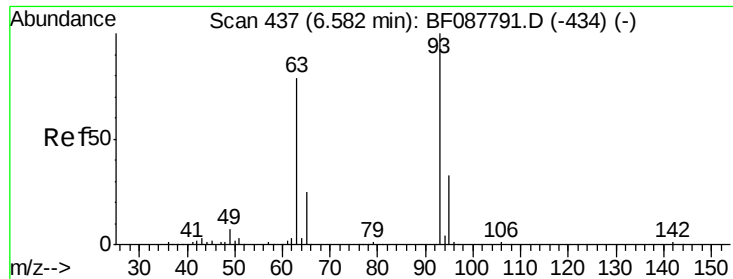
Tot Ion: 77 Resp: 182208
Ion Ratio Lower Upper
77 100
105 104.7 90.6 130.6
106 99.6 85.3 125.3



#10
Phenol
Concen: 45.22 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion: 94 Resp: 391163
Ion Ratio Lower Upper
94 100
65 38.5 5.9 45.9
66 60.6 14.0 54.0#

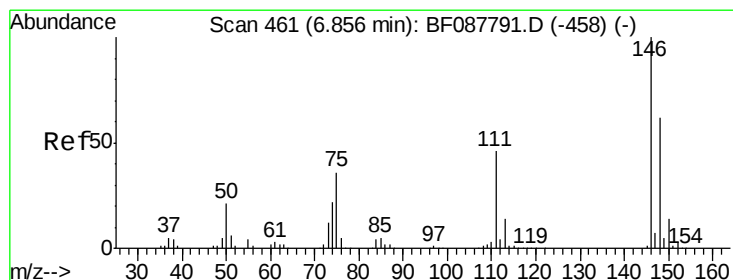
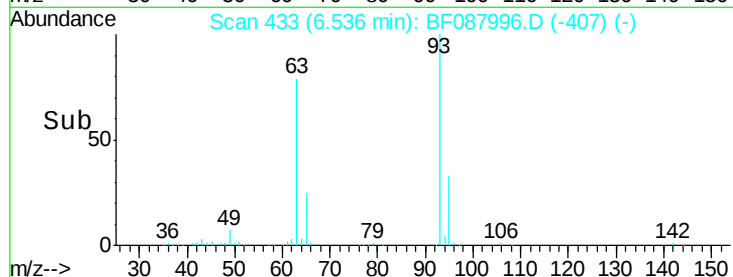
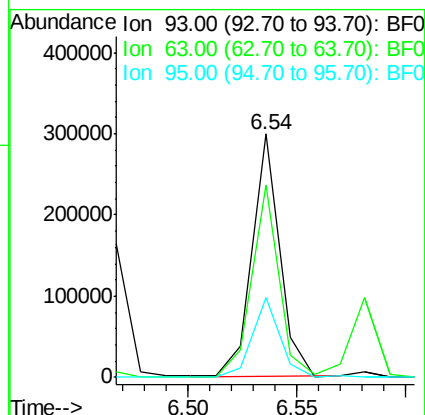
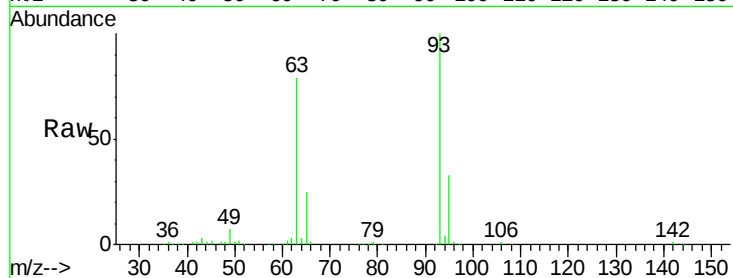




#11
bis(2-Chloroethyl)ether
Concen: 35.91 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

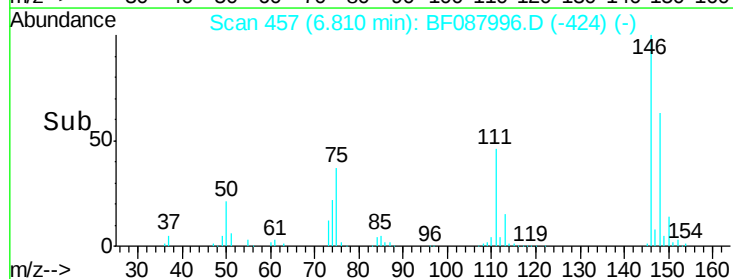
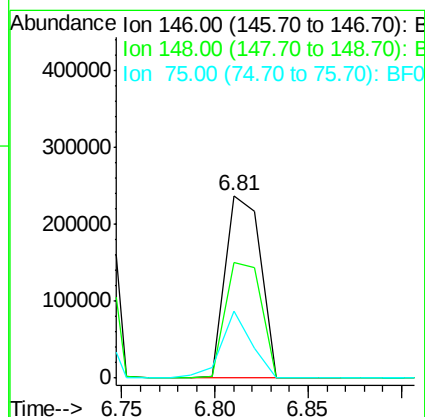
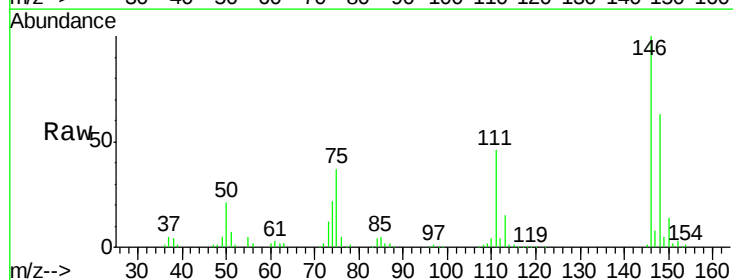
Instrument :
BNA_F
ClientSampleId :

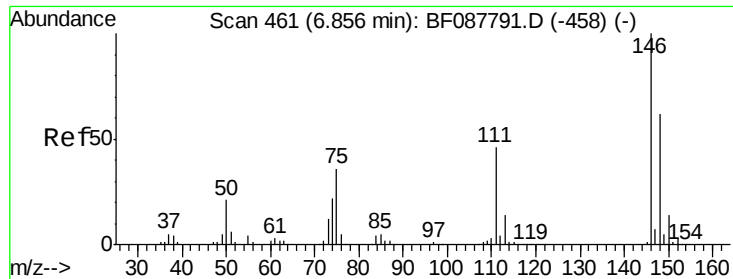
Tot Ion: 93 Resp: 263867
Ion Ratio Lower Upper
93 100
63 79.0 67.6 107.6
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 35.77 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.08 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion: 146 Resp: 314118
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 37.0 25.6 38.4

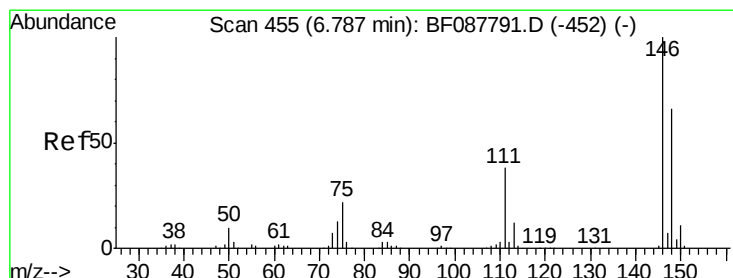
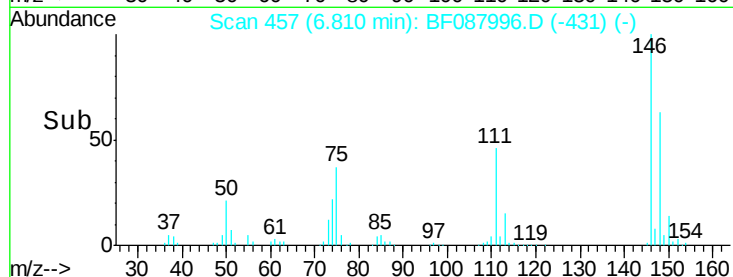
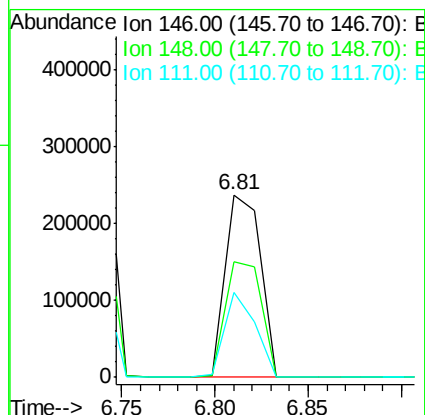
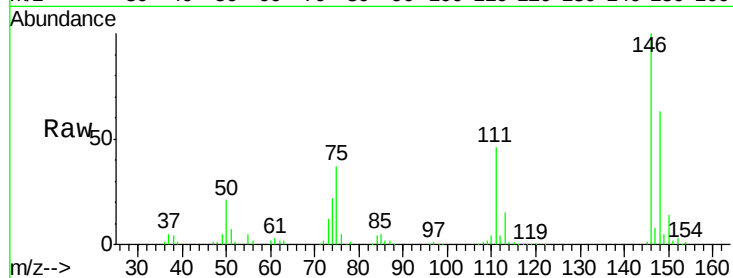




#13
 1,4-Dichlorobenzene
 Concen: 35.51 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

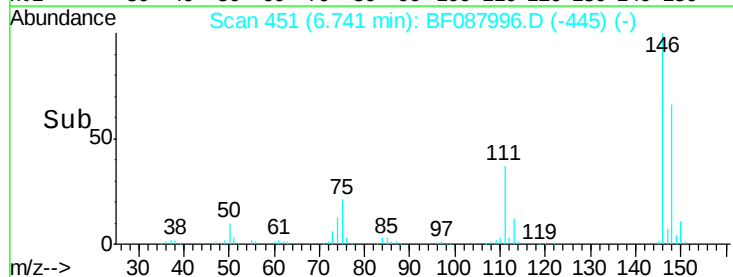
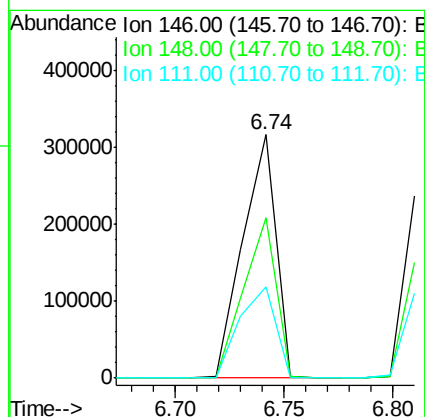
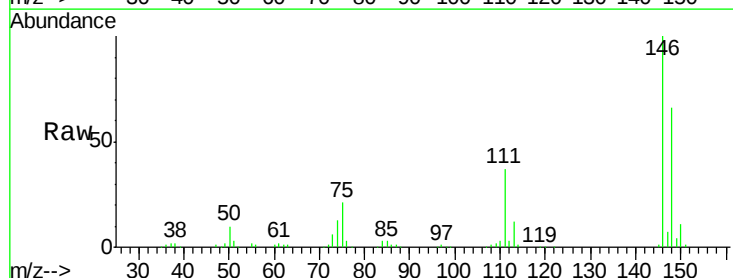
Instrument :
 BNA_F
 ClientSampleId :

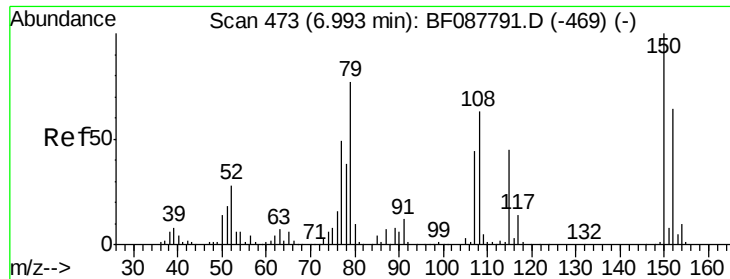
Tot Ion:146 Resp: 314118
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 46.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.58 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.23 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:146 Resp: 334537
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 111 37.4 28.7 43.1

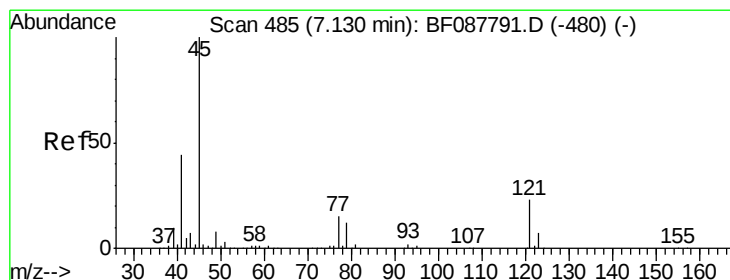
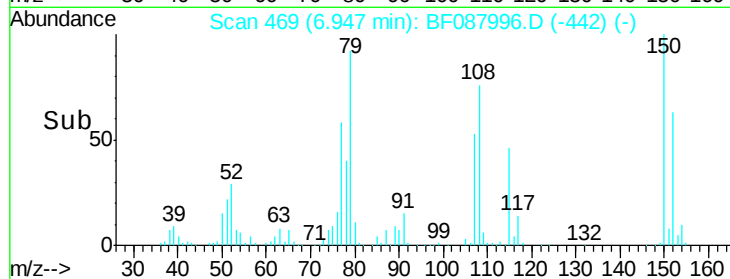
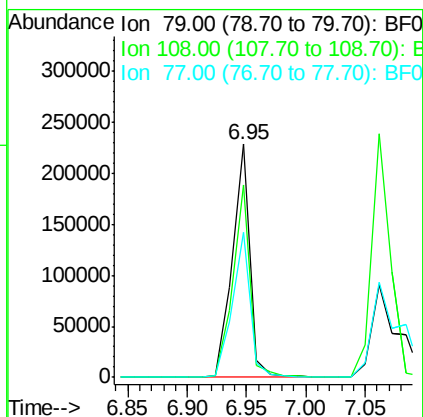
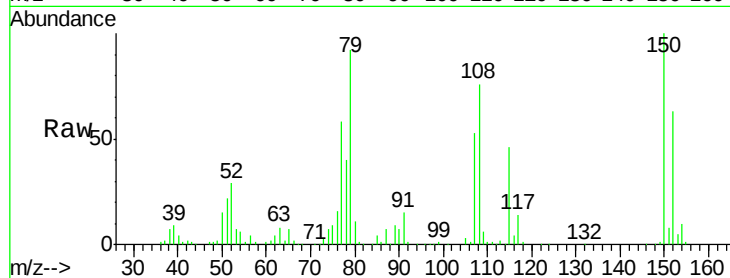




#15
Benzyl Alcohol
Concen: 36.08 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

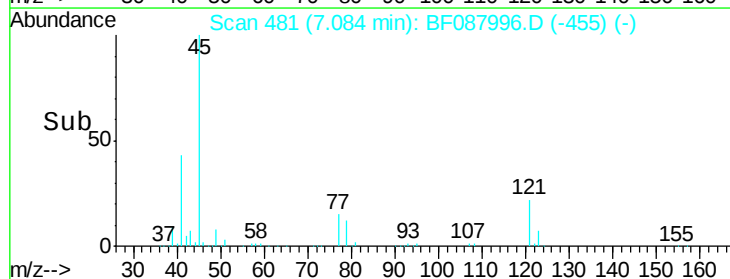
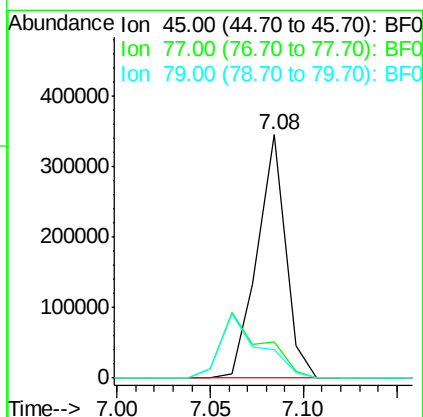
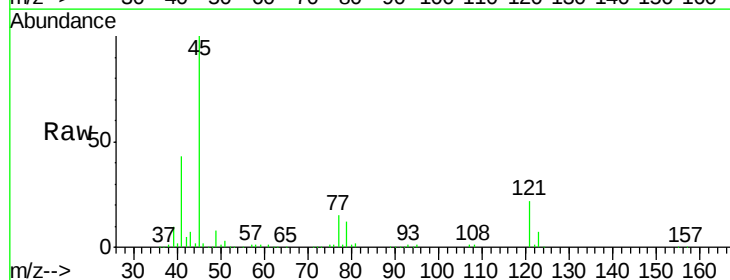
Instrument :
BNA_F
ClientSampleId :

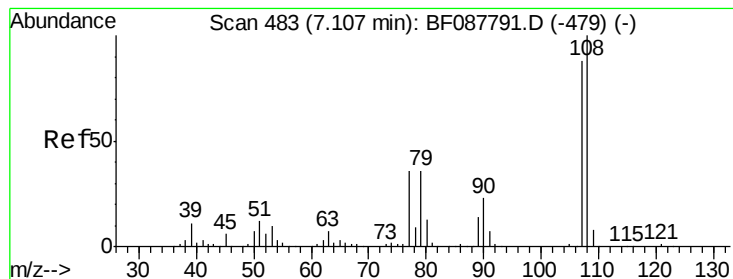
Tot Ion: 79 Resp: 236543
Ion Ratio Lower Upper
79 100
108 82.3 65.0 97.6
77 62.4 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.57 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion: 45 Resp: 363113
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.5
79 12.0 0.0 29.5

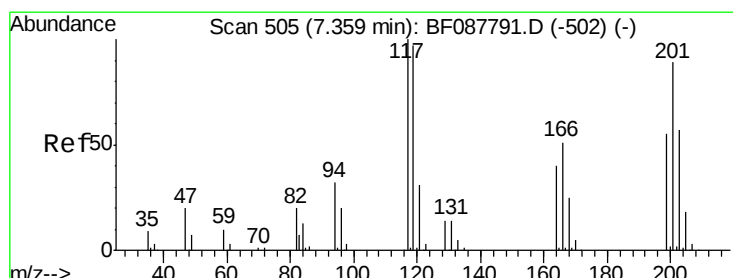
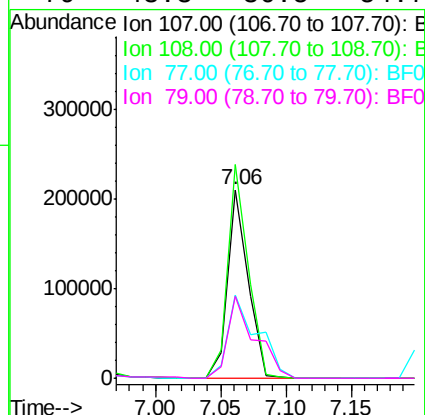
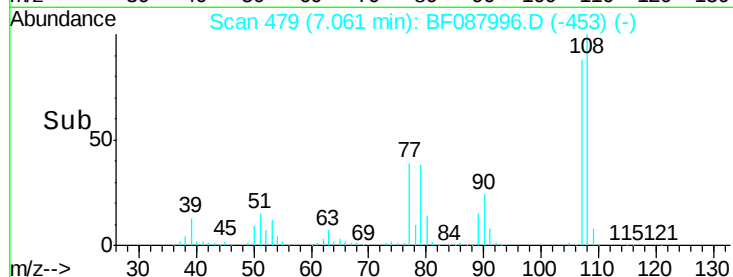
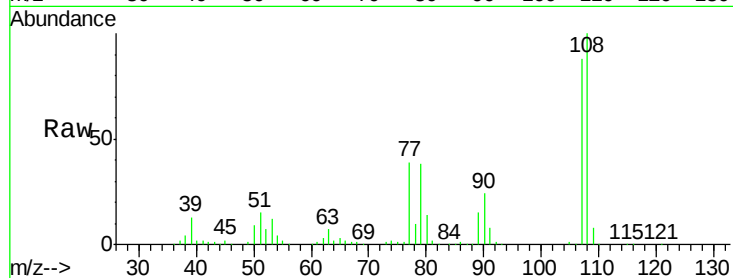




#17
2-Methylphenol
Concen: 34.75 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

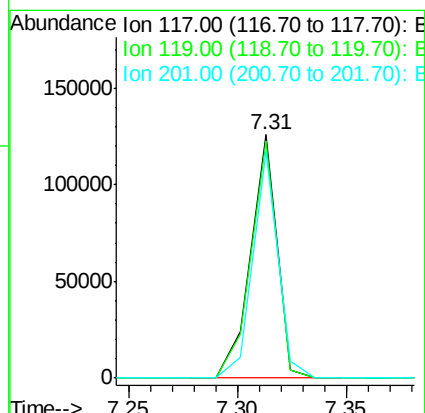
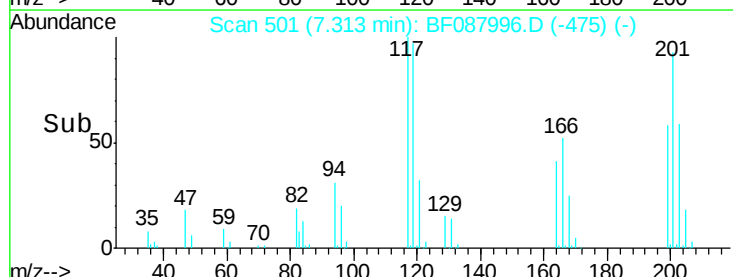
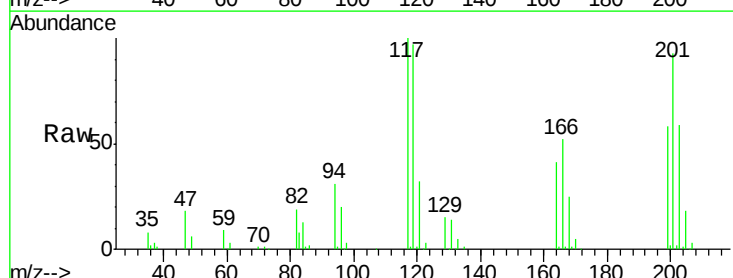
Instrument :
BNA_F
ClientSampleId :

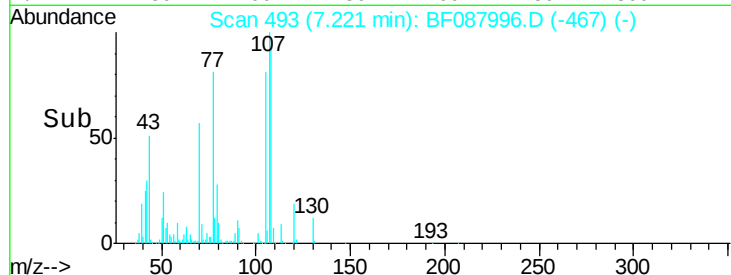
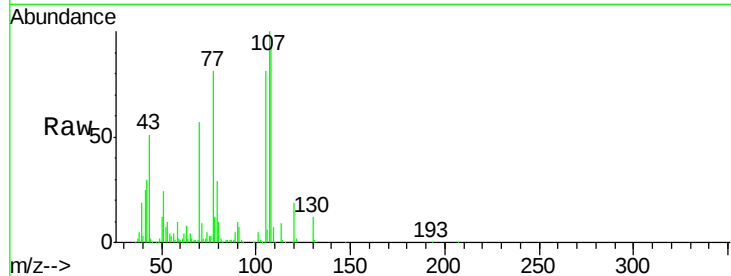
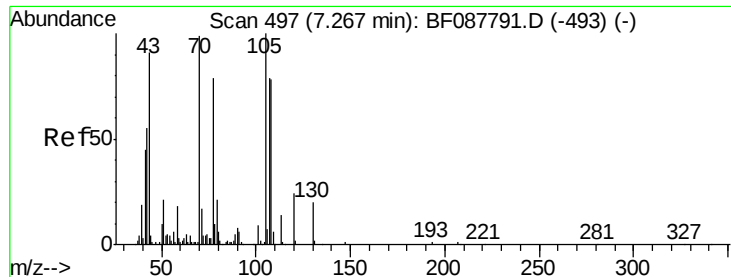
Tot Ion:107 Resp: 230643
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 44.2 36.6 55.0
79 43.3 36.5 54.7



#18
Hexachloroethane
Concen: 33.63 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:117 Resp: 105553
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.2
201 93.2 80.4 120.6

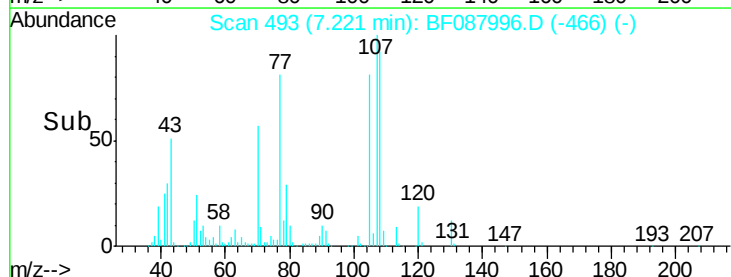
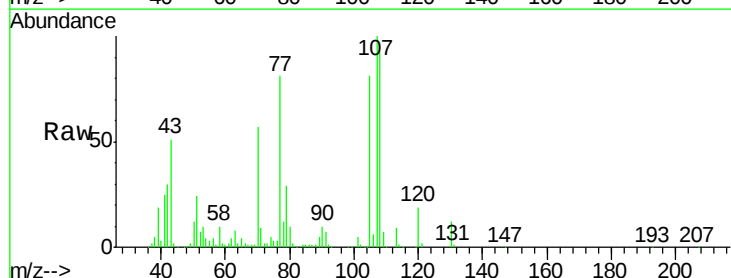
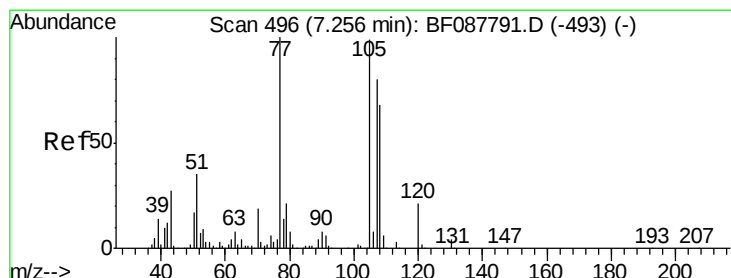
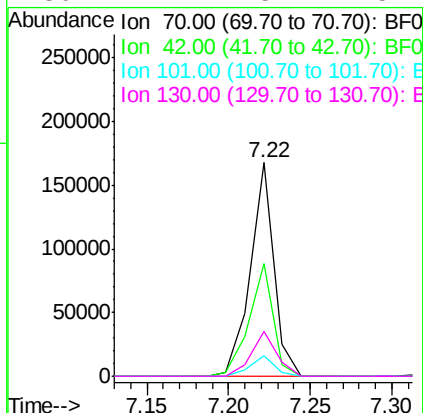




#19
n-Nitroso-di-n-propylamine
Concen: 31.42 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

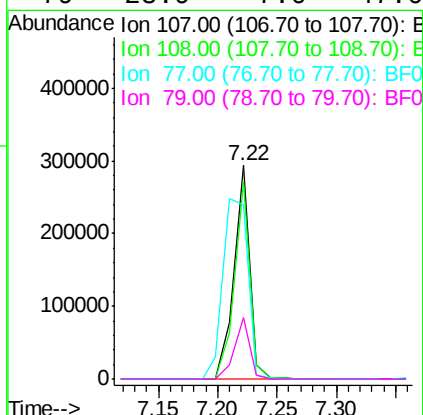
Instrument :
BNA_F
ClientSampleId :

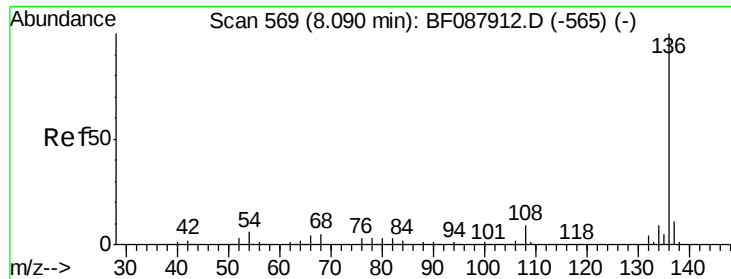
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.8	49.6	74.4	
101	9.5	7.1	10.7	
130	21.2	15.4	23.2	



#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	67.8	107.8	
77	81.4	59.3	99.3	
79	28.9	7.0	47.0	

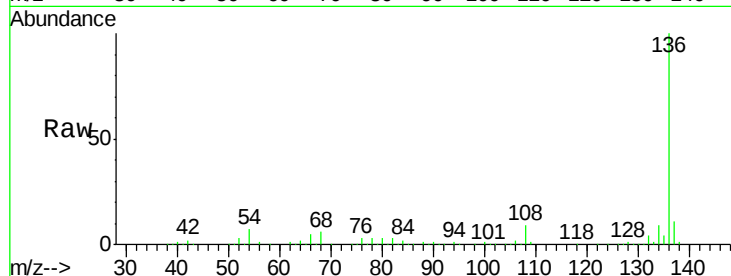




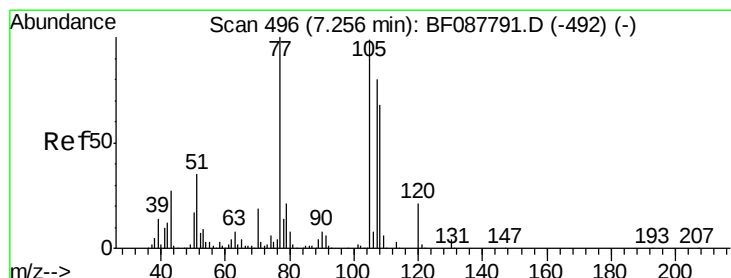
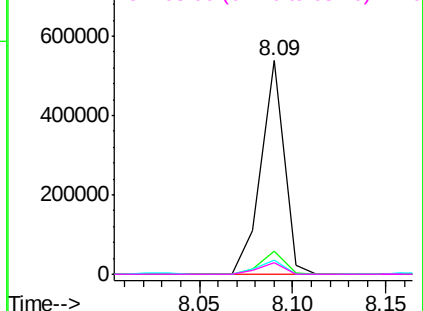
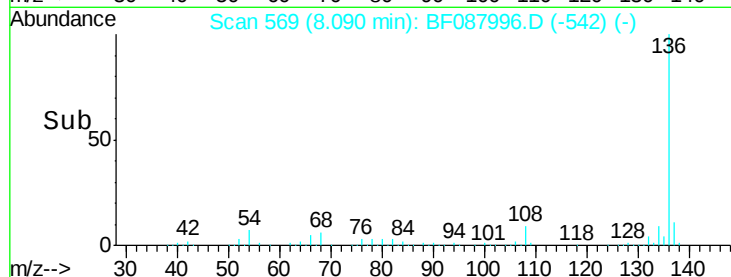
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	459836
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.6	6.6 10.0#
68	5.6	5.1 7.7

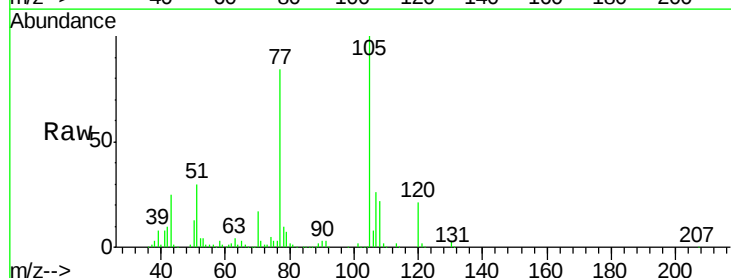


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

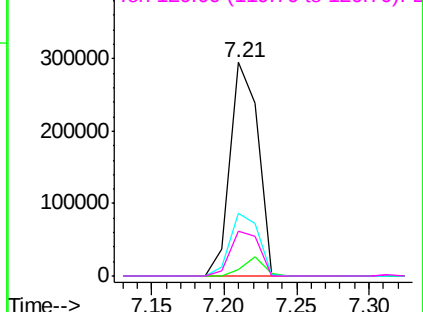
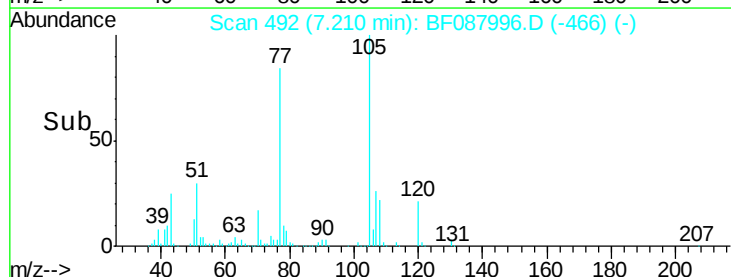


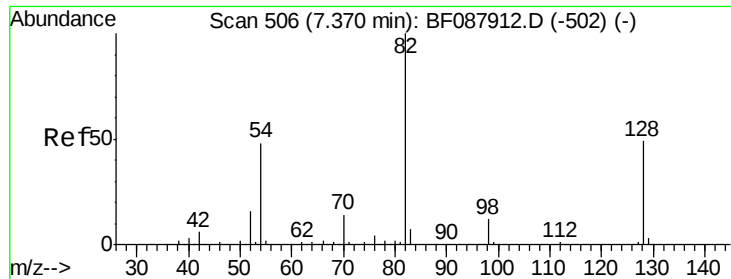
#22
Acetophenone
Concen: 38.27 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:105	Resp:	393296
Ion Ratio	Lower	Upper
105	100	
71	2.9	5.3 7.9#
51	29.7	18.2 27.4#
120	20.9	18.0 27.0



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

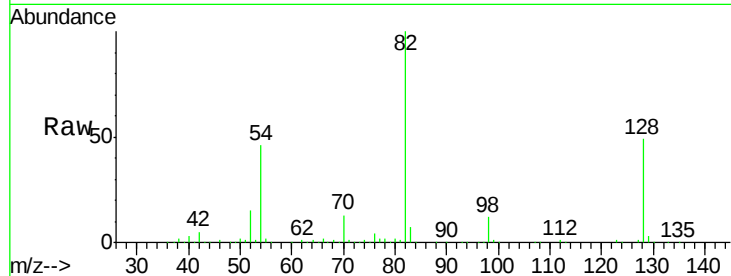




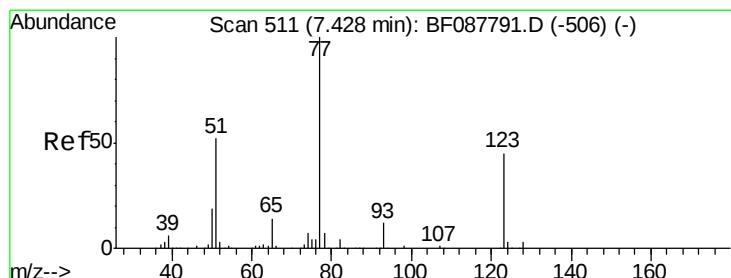
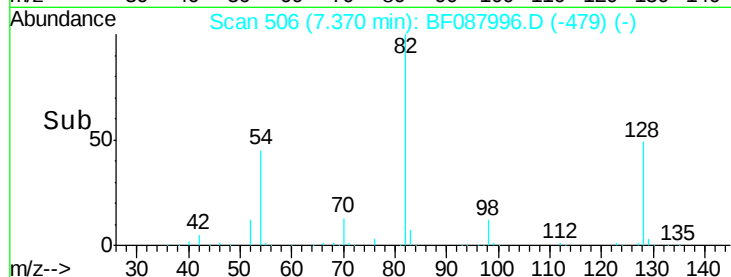
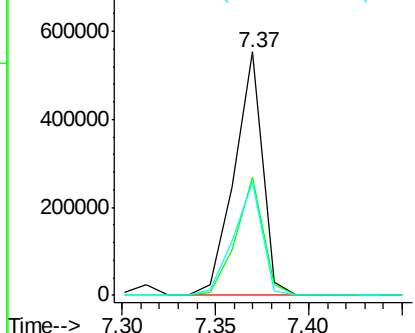
#23
Nitrobenzene-d5
Concen: 74.19 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	584218
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.9	53.9
54	46.4	40.9	61.3

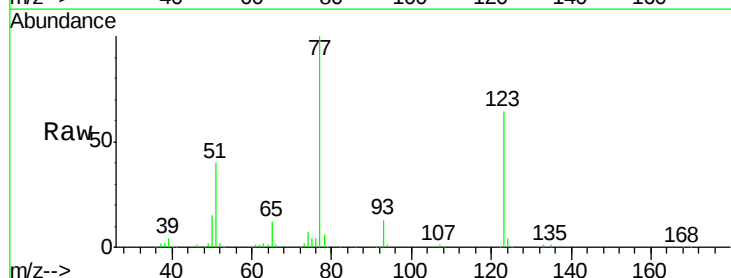


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

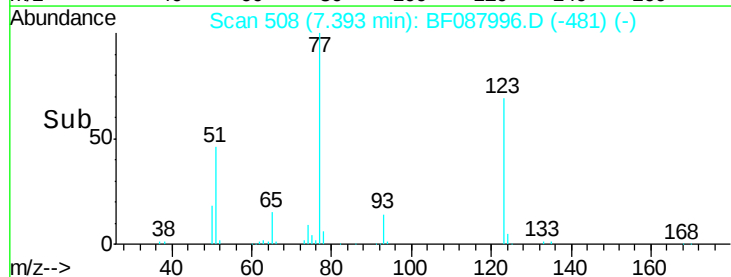
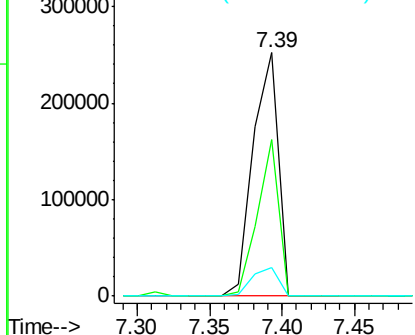


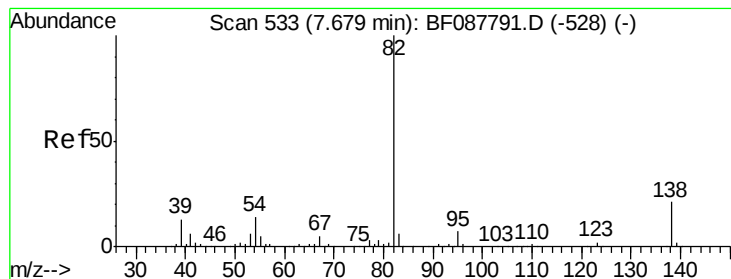
#24
Nitrobenzene
Concen: 39.70 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion	77	Resp	302791
Ion Ratio	Lower	Upper	
77	100		
123	64.1	45.0	67.4
65	11.9	10.2	15.2



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: 37.97 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

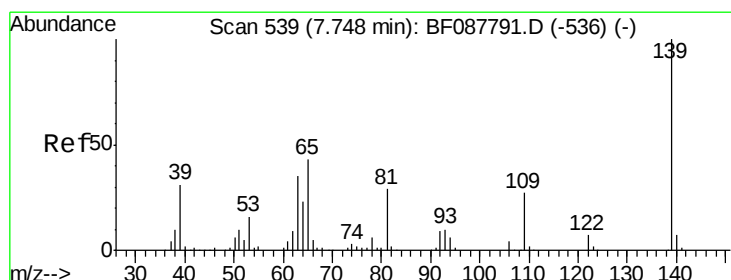
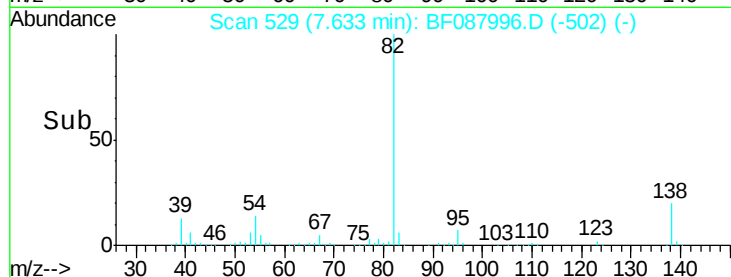
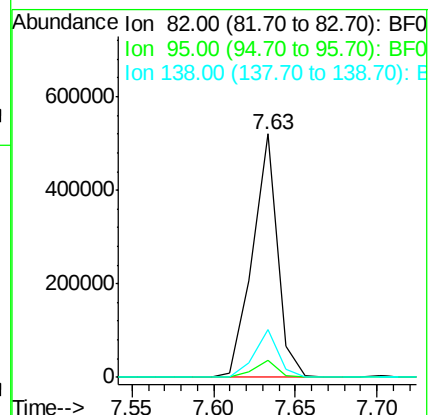
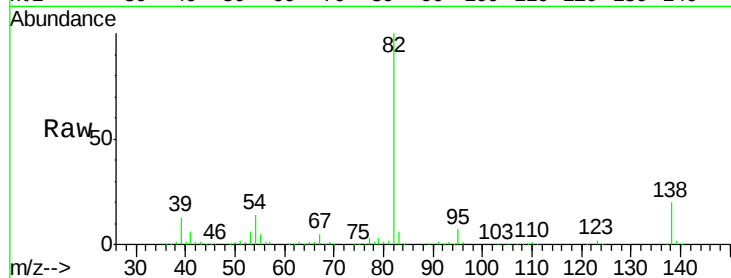
Tot Ion: 82 Resp: 553822

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.7 14.6 21.8



#26

2-Nitrophenol

Concen: 32.64 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

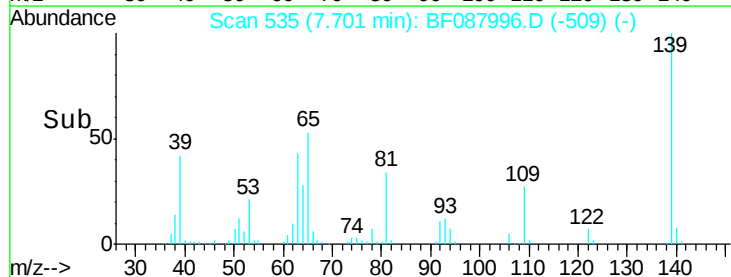
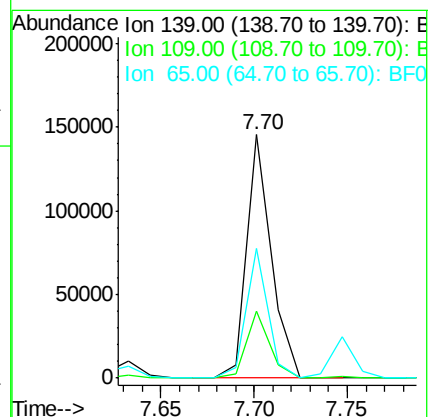
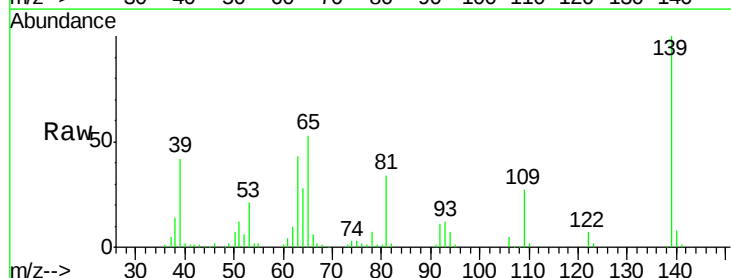
Tgt Ion: 139 Resp: 133384

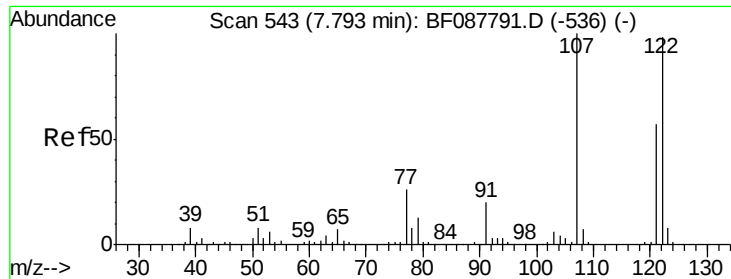
Ion Ratio Lower Upper

139 100

109 27.4 23.0 34.4

65 53.2 45.8 68.8

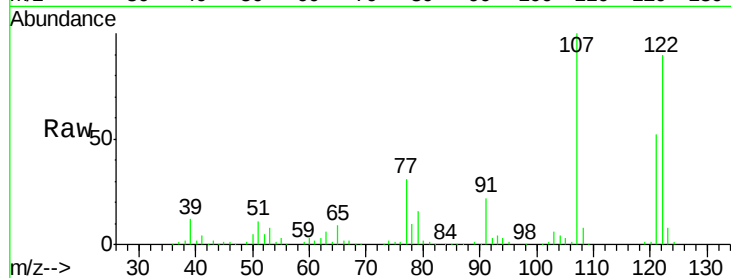




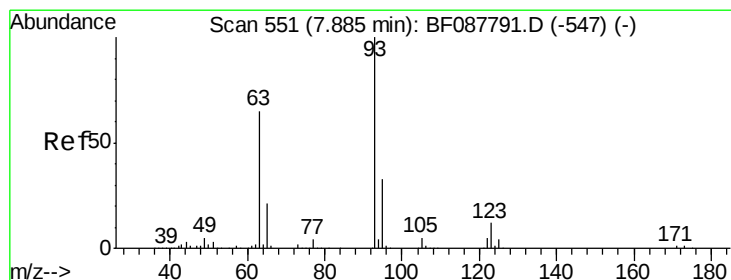
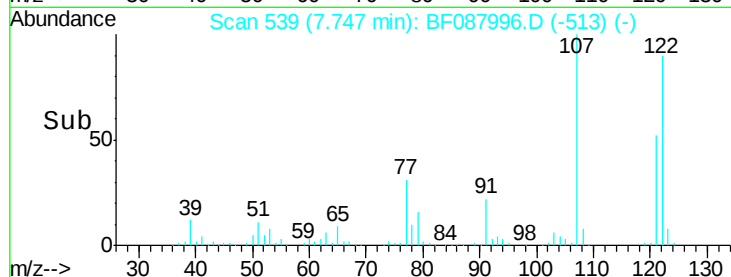
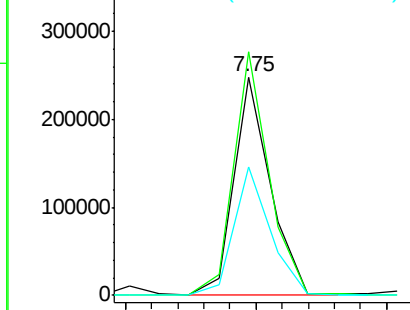
#27
 2,4-Dimethylphenol
 Concen: 32.33 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 243207
 Ion Ratio Lower Upper
 122 100
 107 111.6 82.4 123.6
 121 58.6 46.3 69.5

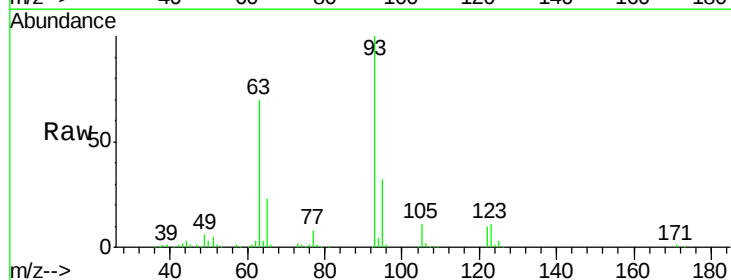


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

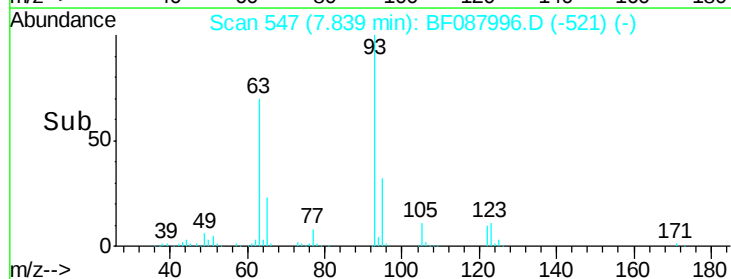
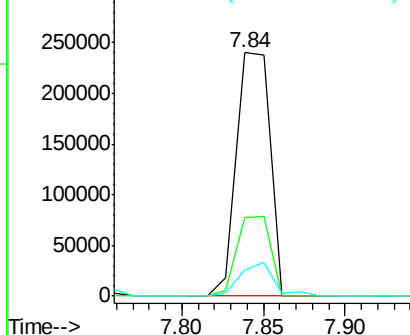


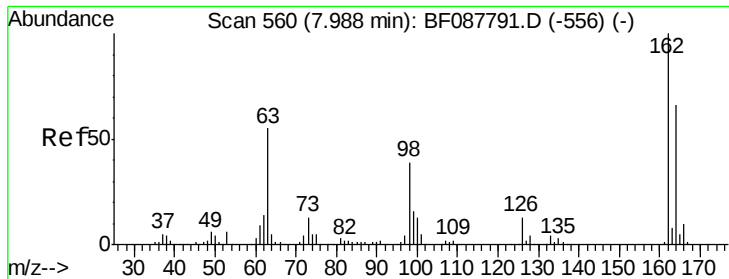
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.68 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion: 93 Resp: 340877
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.6 11.6 17.4#



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

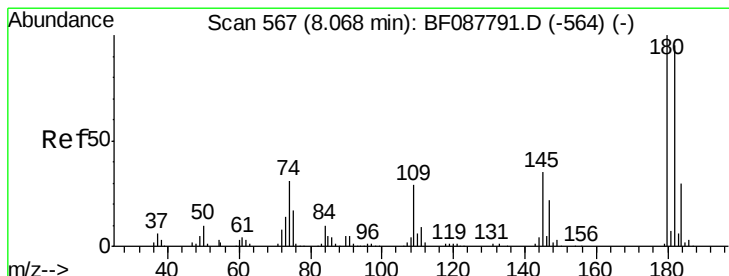
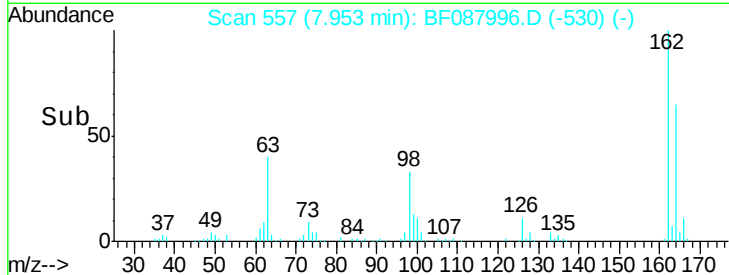
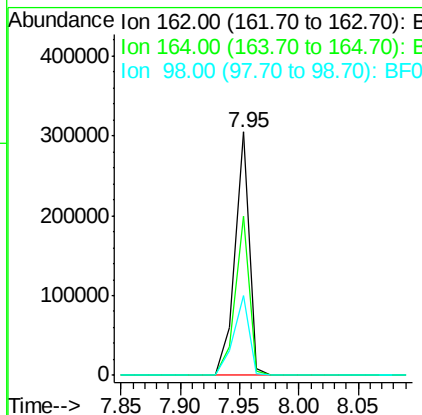
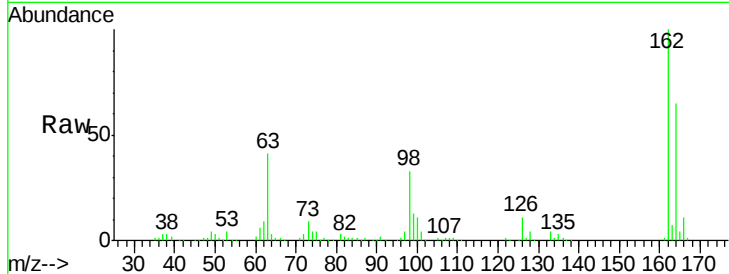




#29
 2,4-Dichlorophenol
 Concen: 41.18 ng
 RT: 7.95 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

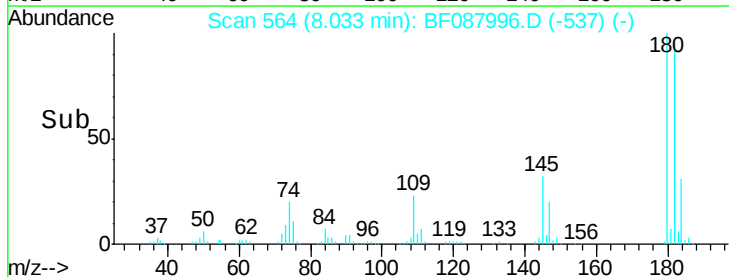
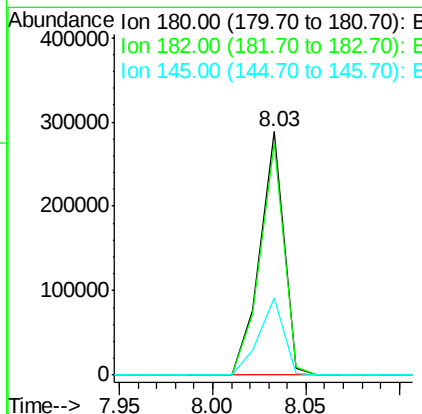
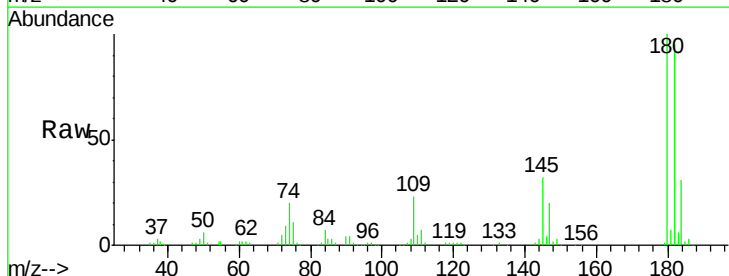
Instrument :
 BNA_F
 ClientSampleId :

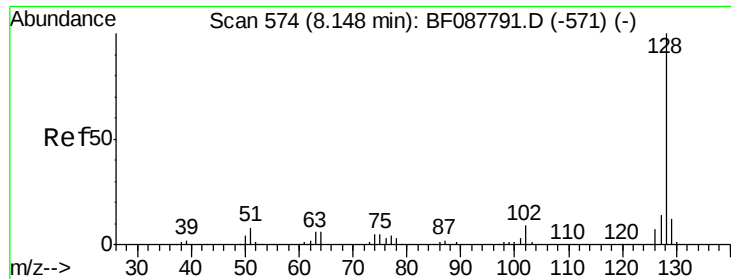
Tot Ion	Ratio	Resp	Lower	Upper
162	100	258702		
164	65.2	43.8	83.8	
98	32.7	21.3	61.3	



#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 8.03 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257426		
182	95.1	76.0	114.0	
145	31.7	26.5	39.7	

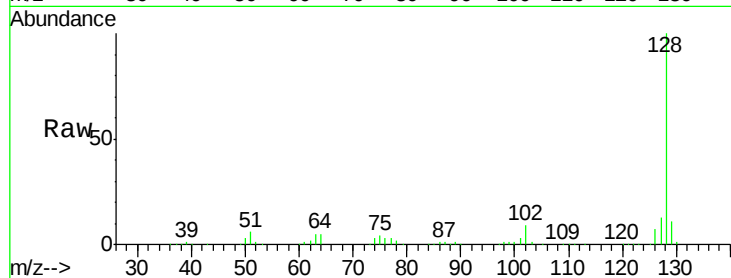




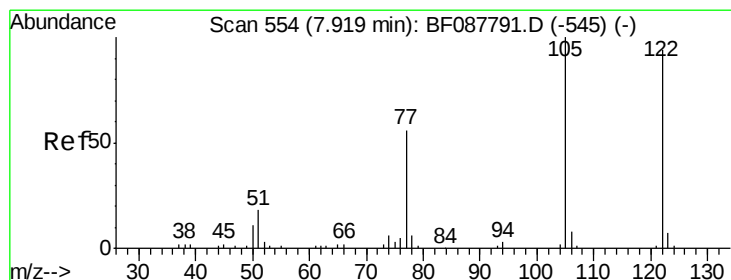
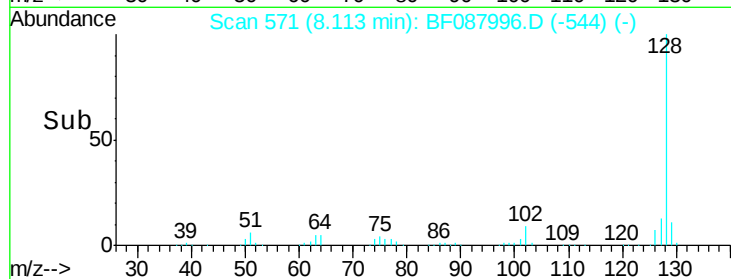
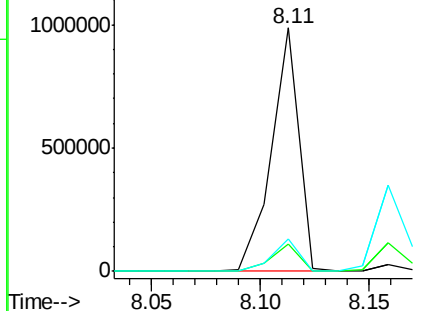
#31
Naphthalene
Concen: 38.50 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 876028
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.4 10.9 16.3

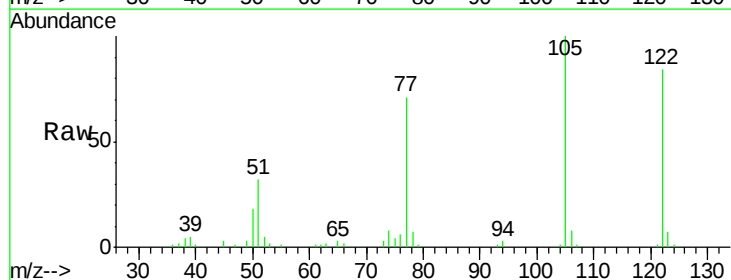


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

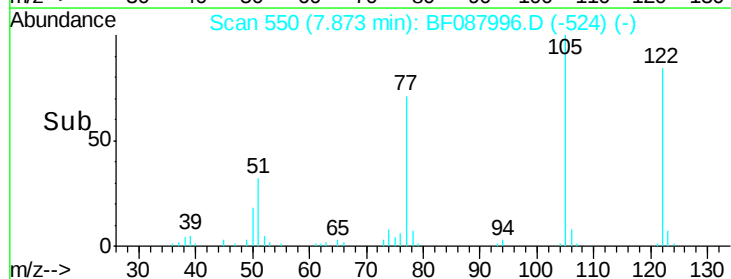
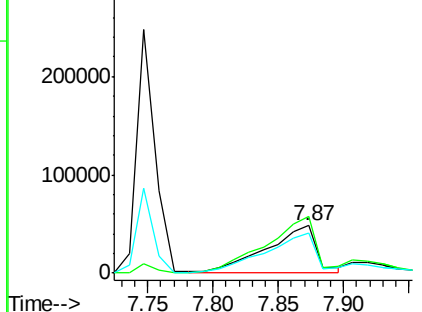


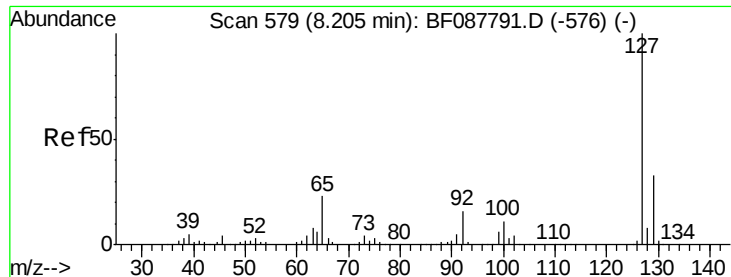
#32
Benzoic acid
Concen: 31.33 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:122 Resp: 129801
Ion Ratio Lower Upper
122 100
105 119.4 101.6 141.6
77 85.1 70.6 110.6



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

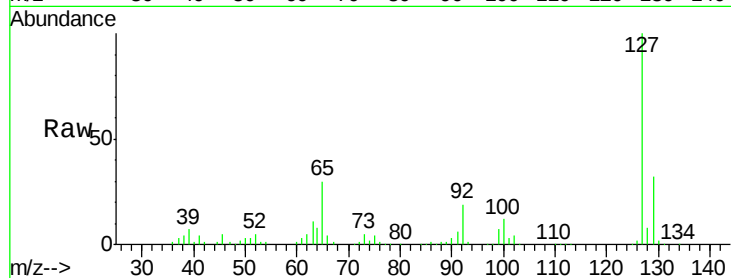




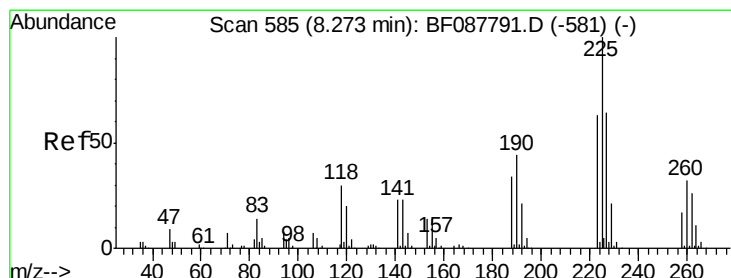
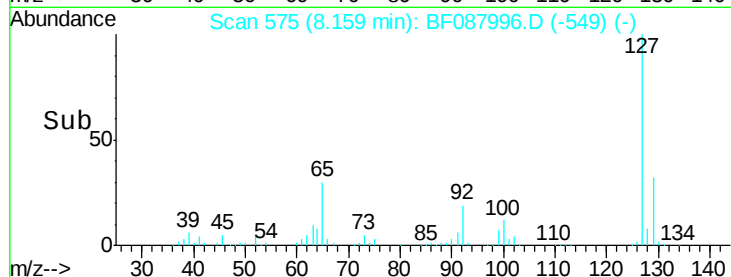
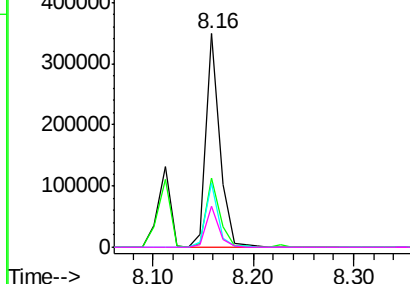
#33
4-Chloroaniline
Concen: 32.85 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	333781
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.1	24.7	37.1
92	18.9	15.4	23.0

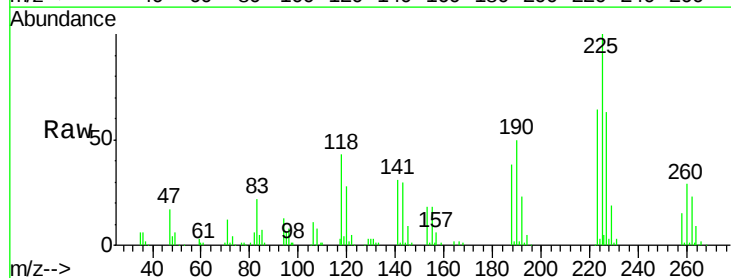


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

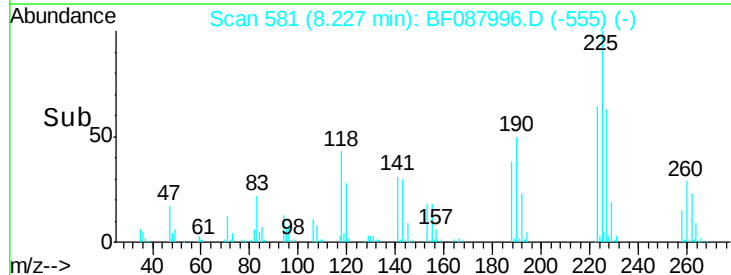
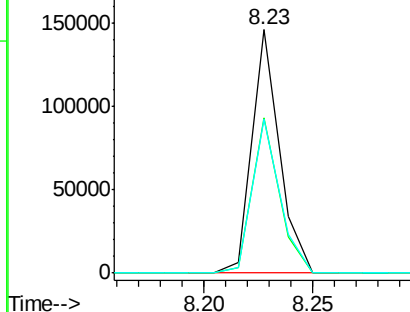


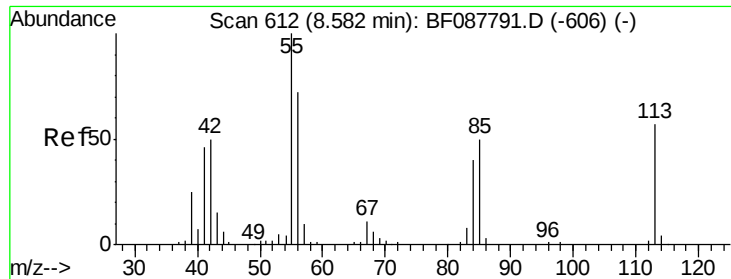
#34
Hexachlorobutadiene
Concen: 35.45 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:	225	Resp:	127880
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	63.0	51.9	77.9



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

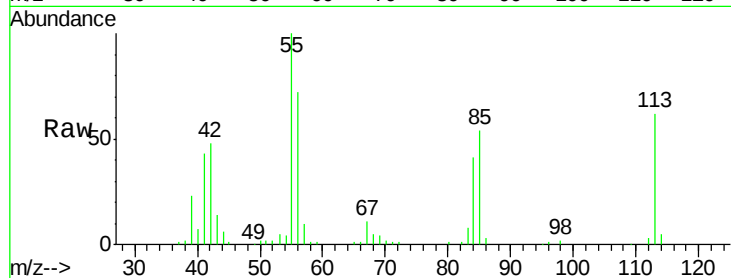




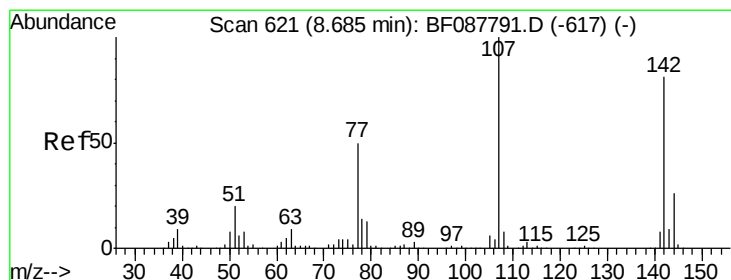
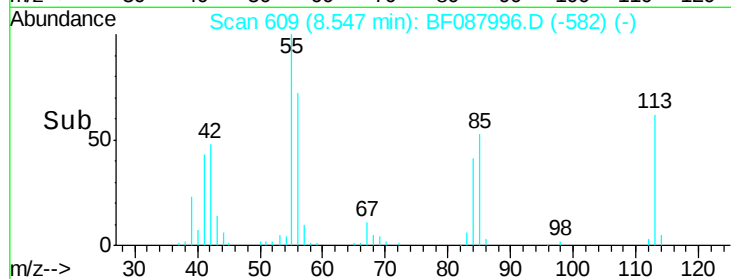
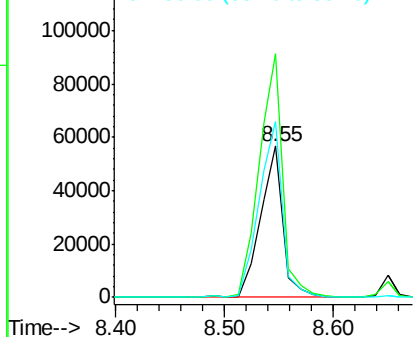
#35
Caprolactam
Concen: 38.79 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 80703
Ion Ratio Lower Upper
113 100
55 161.3 158.6 198.6
56 116.1 110.6 150.6

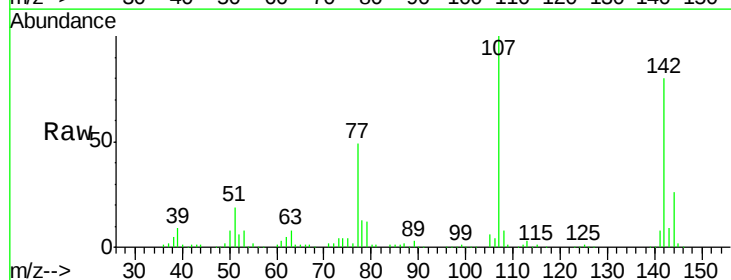


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

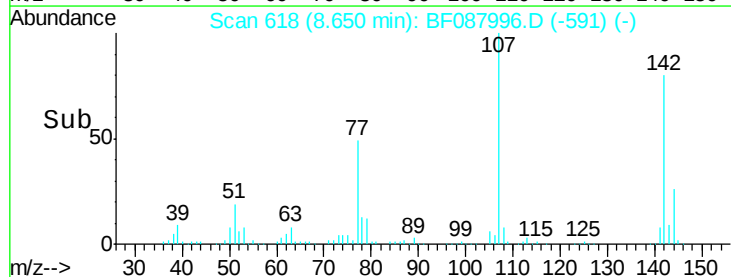
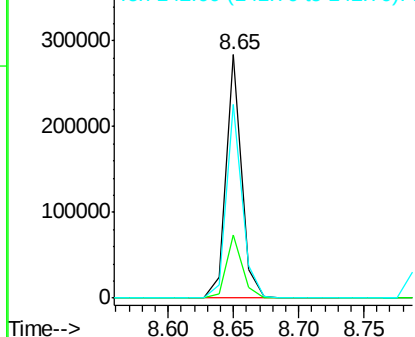


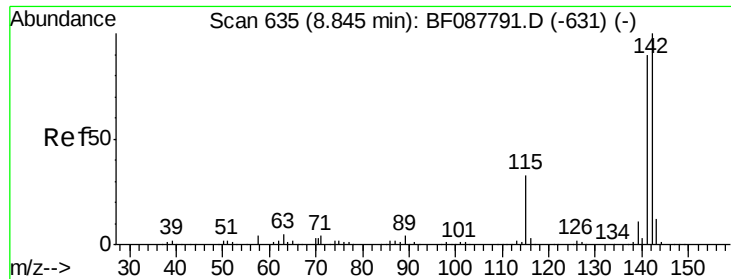
#36
4-Chloro-3-methylphenol
Concen: 35.43 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:107 Resp: 237979
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 79.5 63.4 95.2



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

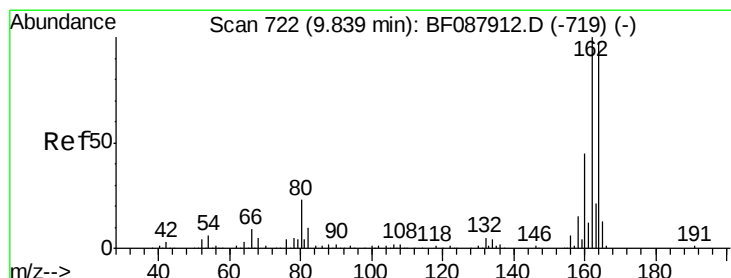
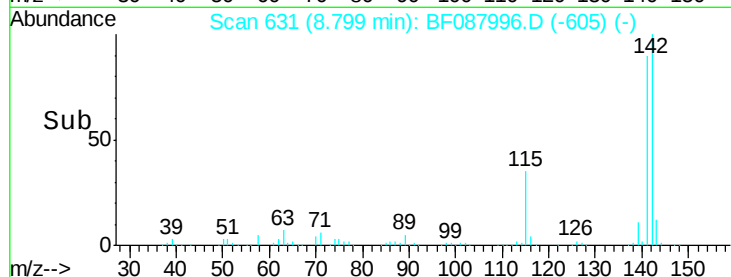
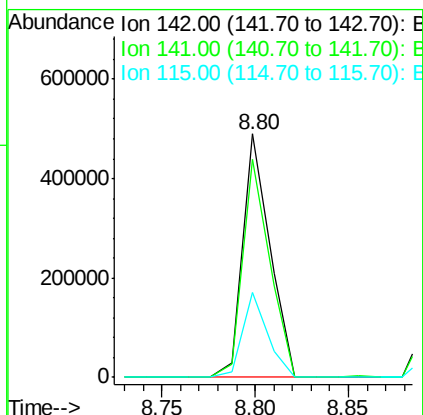
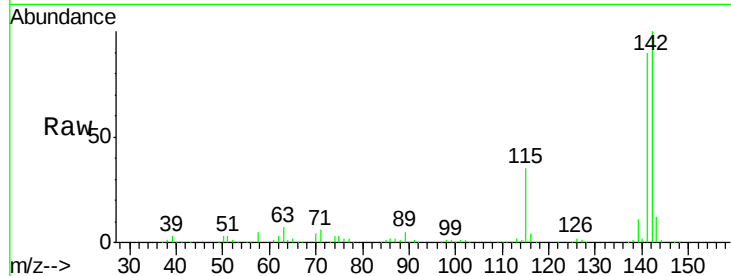




#37
2-Methylnaphthalene
Concen: 33.45 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

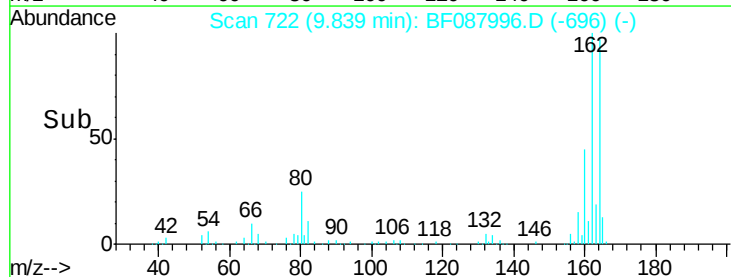
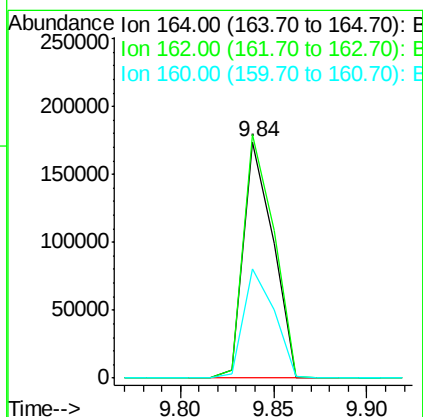
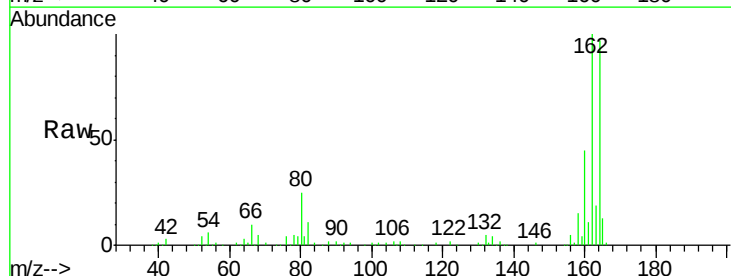
Instrument :
BNA_F
ClientSampleId :

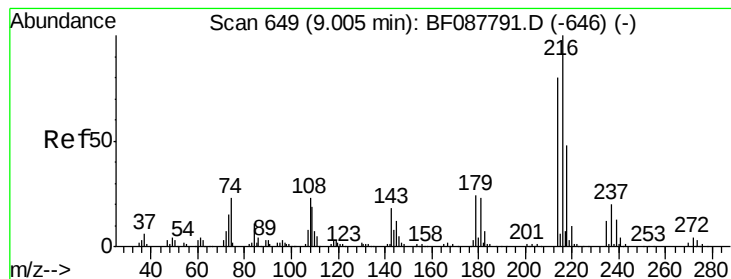
Tot Ion:142 Resp: 501747
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 34.9 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:164 Resp: 192050
Ion Ratio Lower Upper
164 100
162 103.0 85.4 128.2
160 46.2 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.16 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 238038

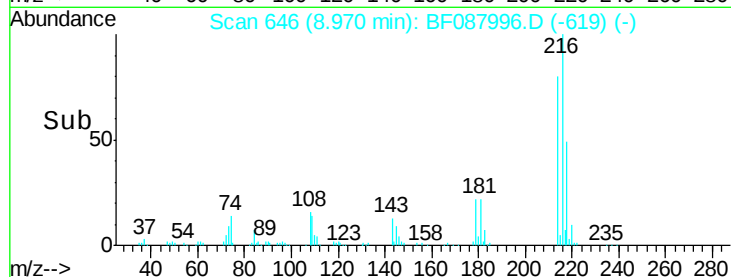
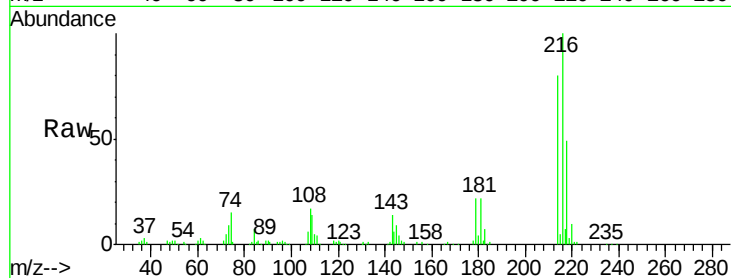
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 22.5 0.0 0.0#

108 19.3 0.5 0.7#

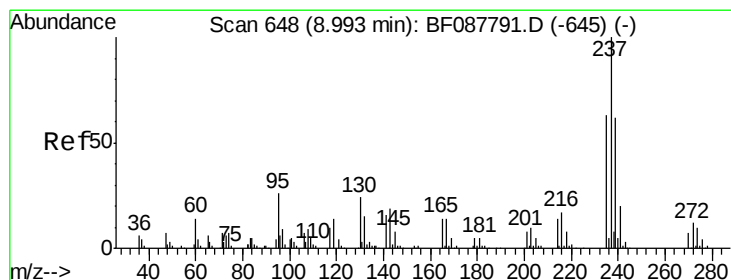
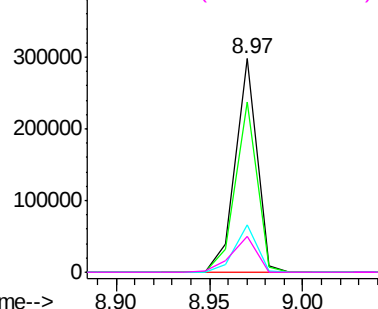


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.71 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

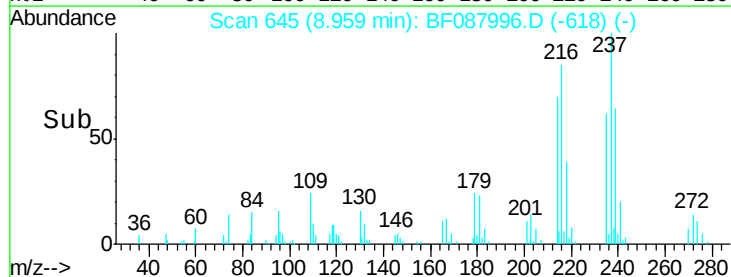
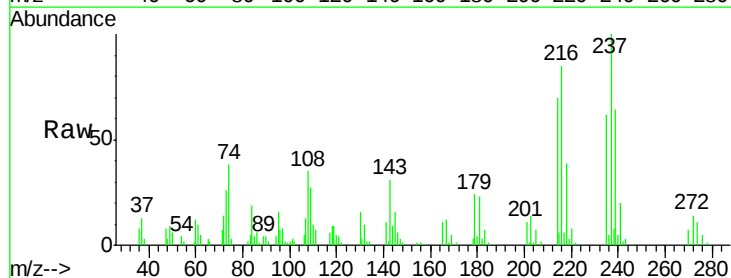
Tgt Ion:237 Resp: 36281

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

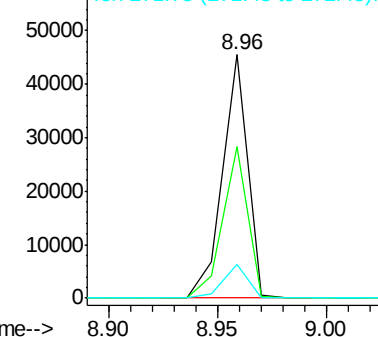
272 13.6 0.0 32.3

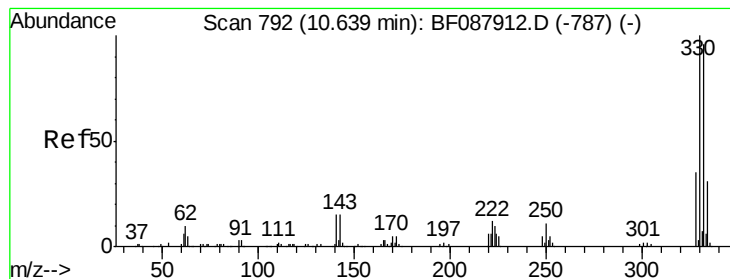


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

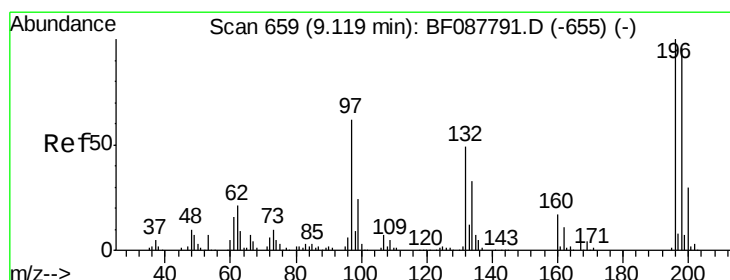
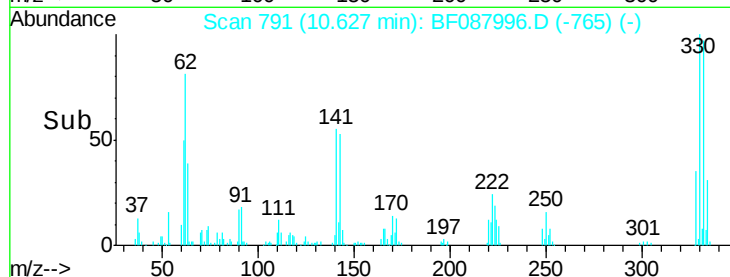
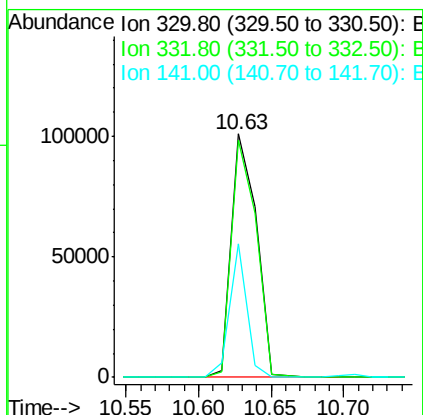
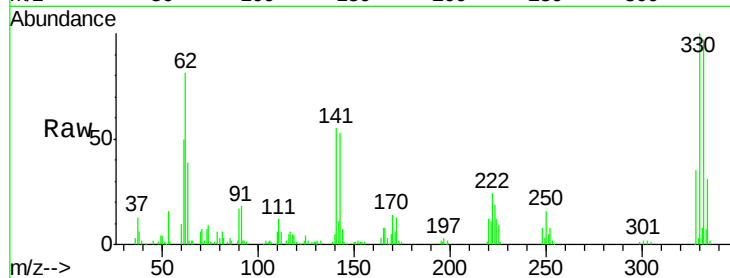




#41
 2,4,6-Tribromophenol
 Concen: 59.60 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

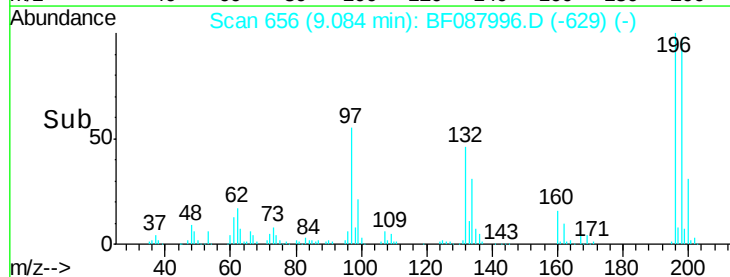
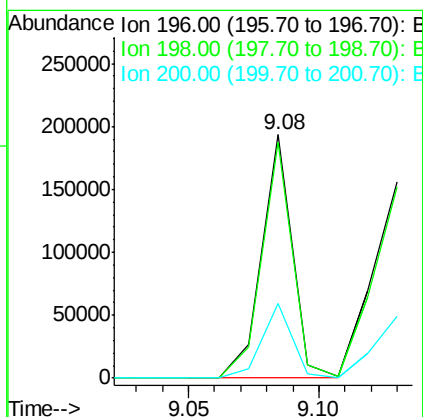
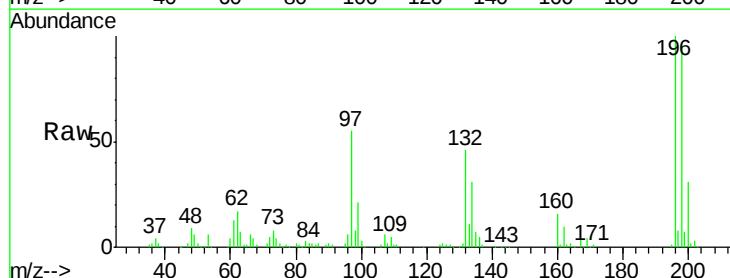
Instrument :
 BNA_F
 ClientSampleId :

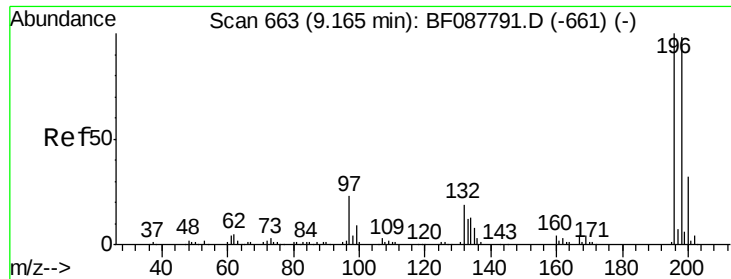
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	37.9	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	78.0	117.0
200	30.9	25.4	38.2

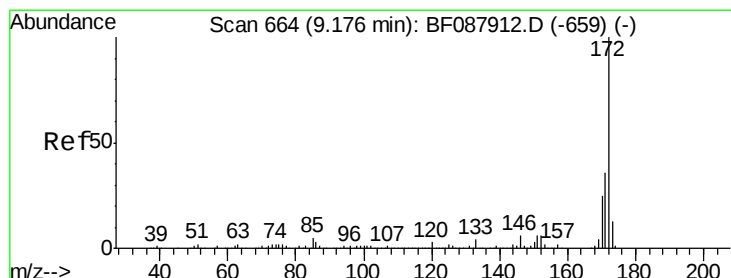
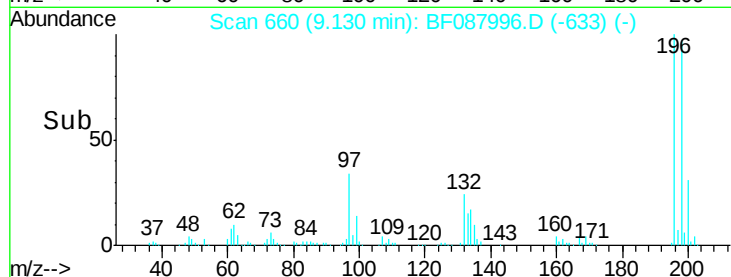
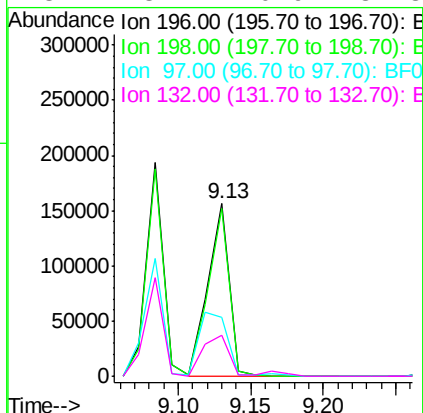
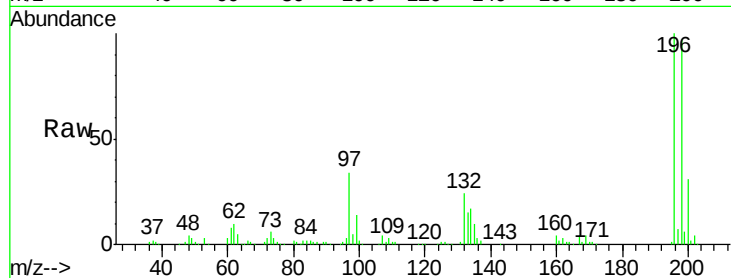




#43
 2,4,5-Trichlorophenol
 Concen: 39.87 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

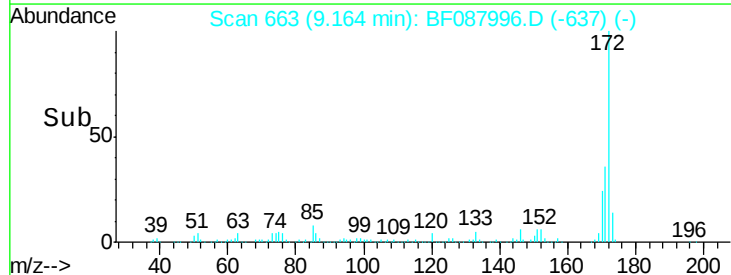
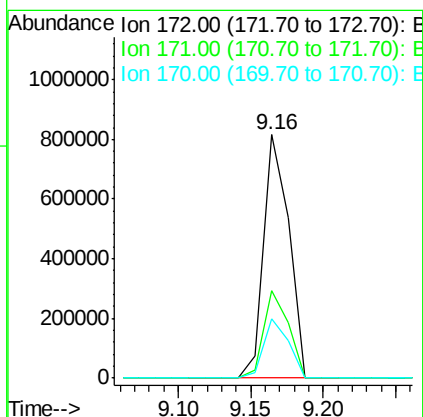
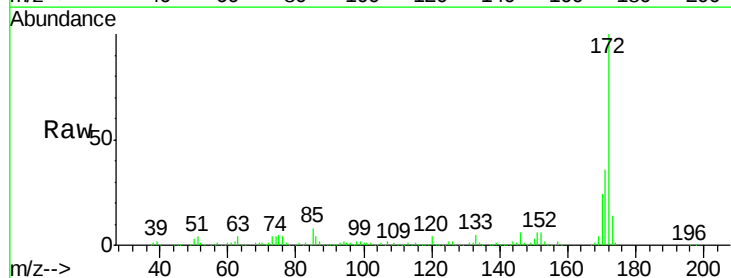
Instrument :
 BNA_F
 ClientSampled :

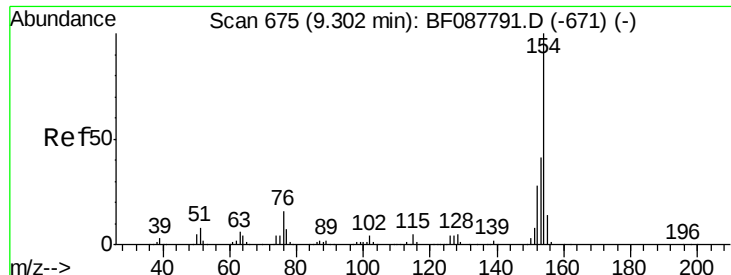
Tot Ion:196 Resp: 159305
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.5 116.3
 97 34.4 32.0 48.0
 132 23.7 20.9 31.3



#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:172 Resp: 981897
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8





#45

1,1'-Biphenyl

Concen: 42.68 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

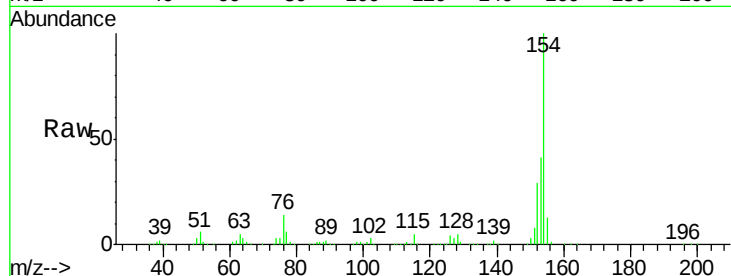
Tot Ion:154 Resp: 619853

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

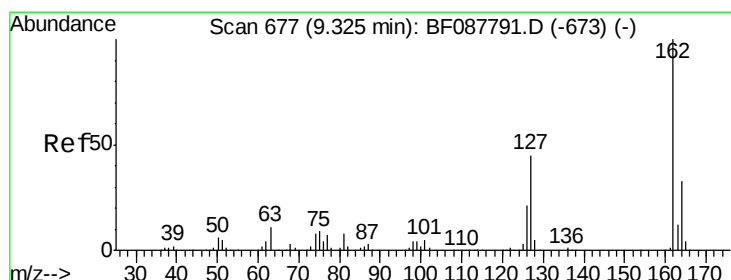
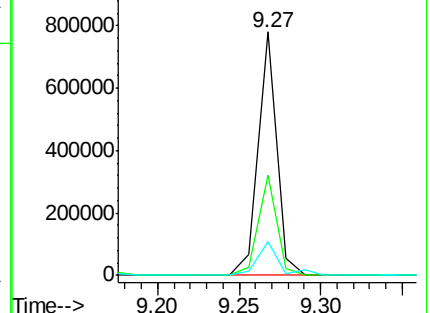
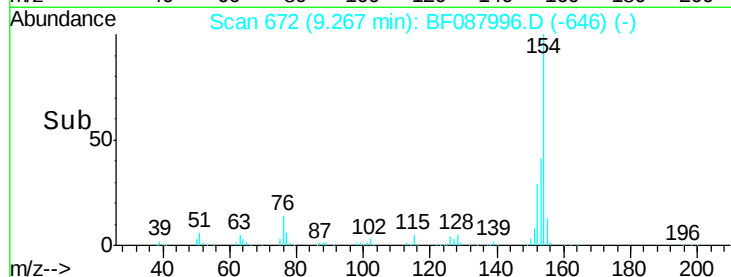
76 13.6 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.13 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

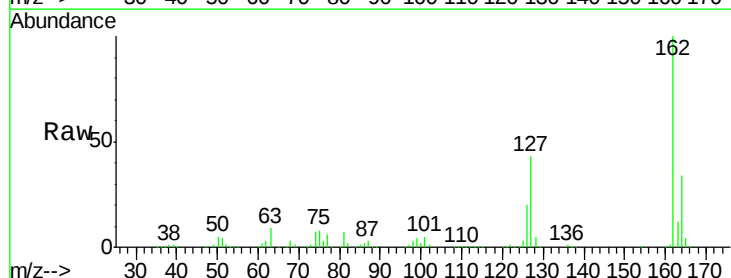
Tgt Ion:162 Resp: 473882

Ion Ratio Lower Upper

162 100

127 43.1 35.2 52.8

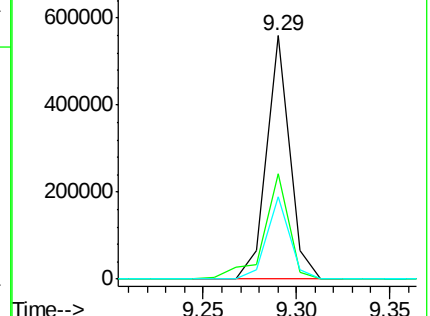
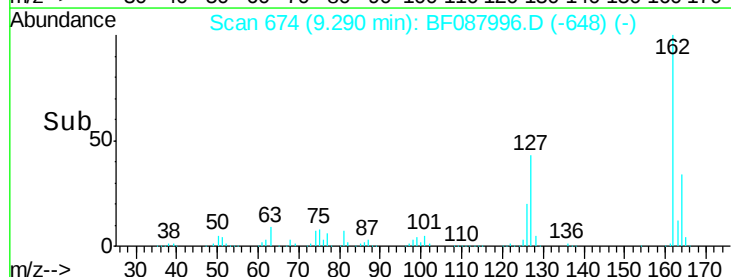
164 33.8 26.6 39.8

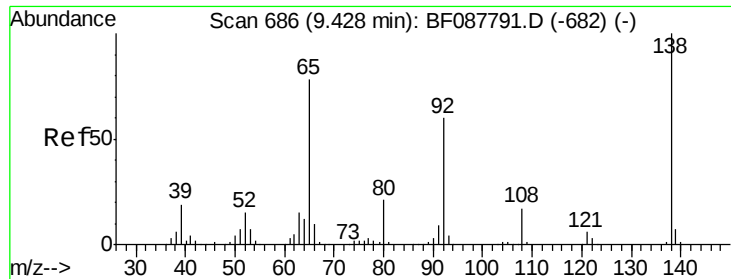


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

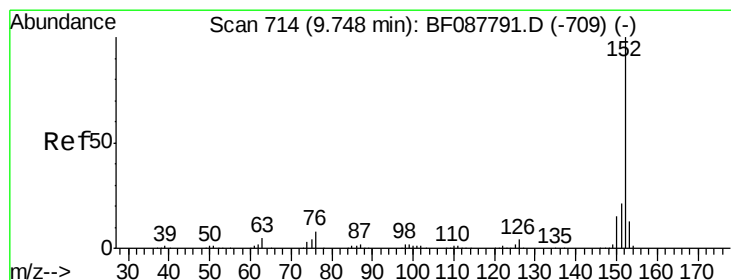
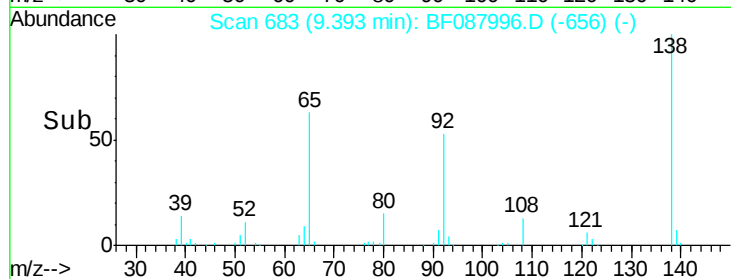
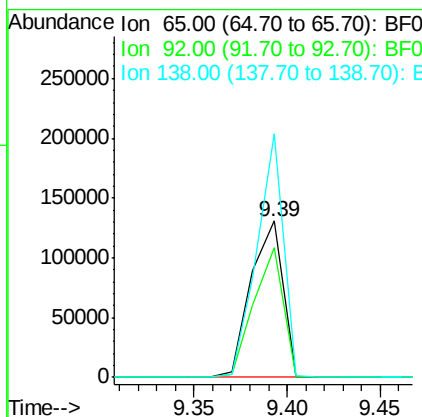
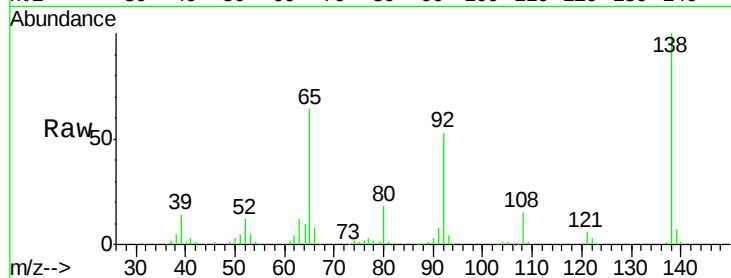




#47
 2-Nitroaniline
 Concen: 42.09 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

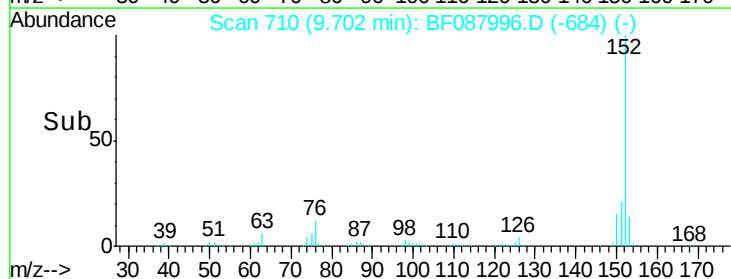
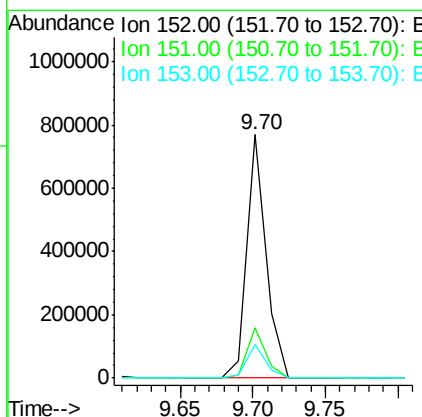
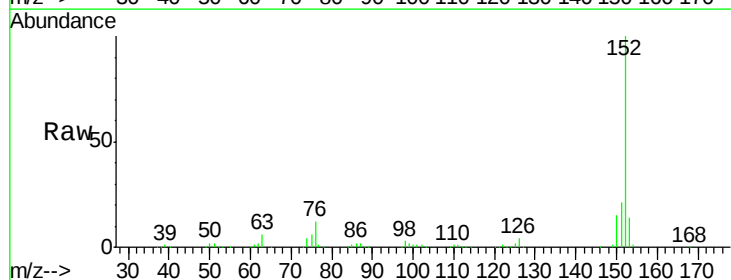
Instrument :
 BNA_F
 ClientSampleId :

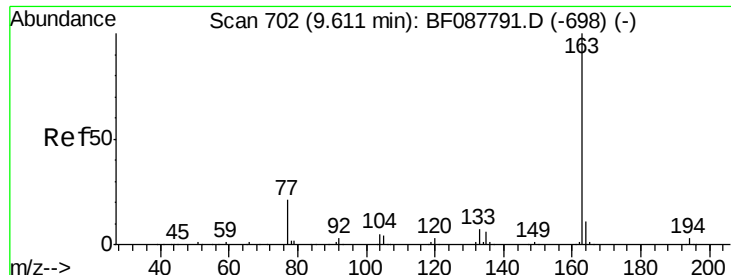
Tot Ion: 65 Resp: 154323
 Ion Ratio Lower Upper
 65 100
 92 83.0 54.6 82.0#
 138 155.9 77.0 115.4#



#48
 Acenaphthylene
 Concen: 35.73 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion: 152 Resp: 706205
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.7 11.0 16.6

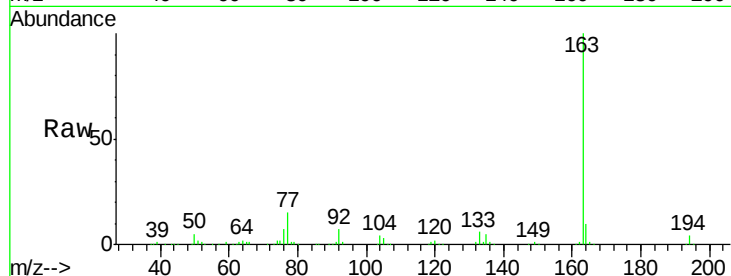




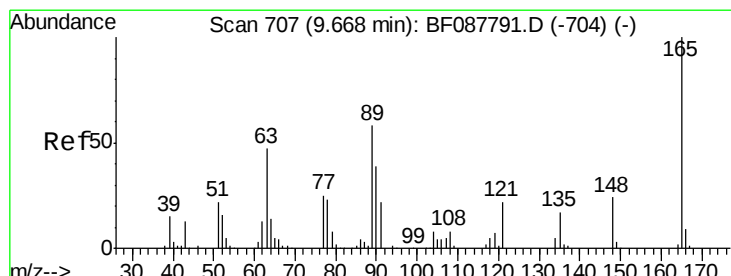
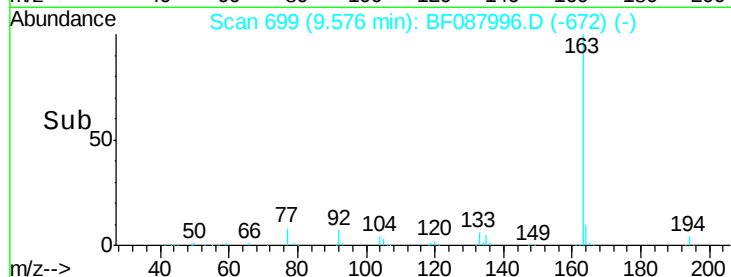
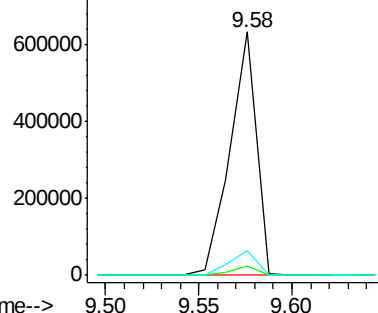
#49
Dimethylphthalate
Concen: 44.43 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 618059
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 8.3 12.5

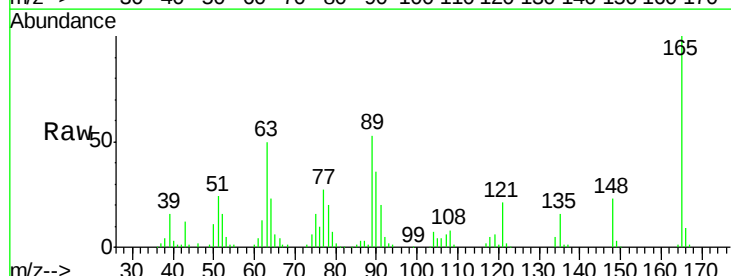


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

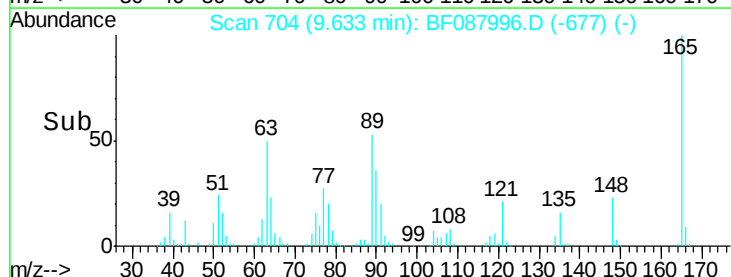
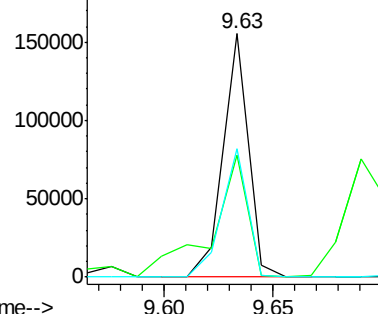


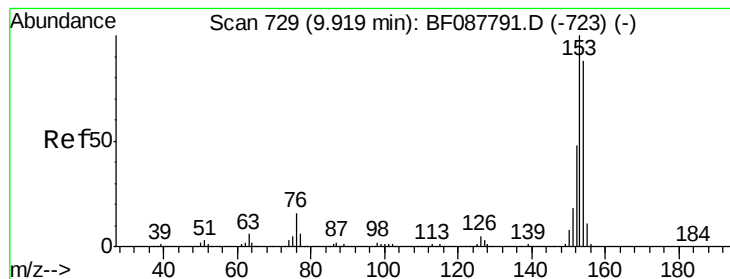
#50
2,6-Dinitrotoluene
Concen: 39.16 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:165 Resp: 124766
Ion Ratio Lower Upper
165 100
63 50.1 28.1 42.1#
89 52.6 32.2 48.2#



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: 35.04 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

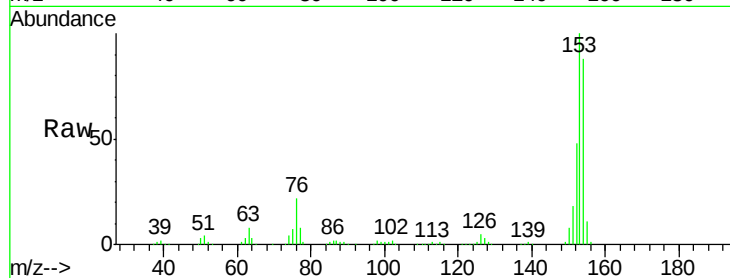
Tot Ion:154 Resp: 432117

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

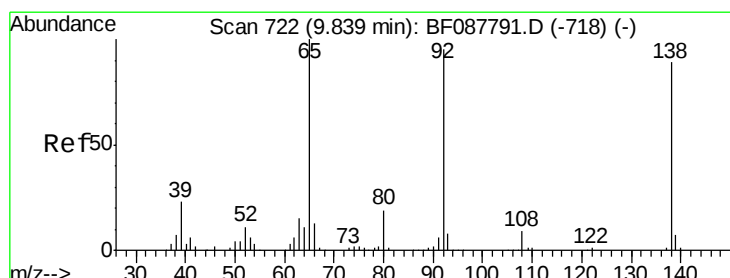
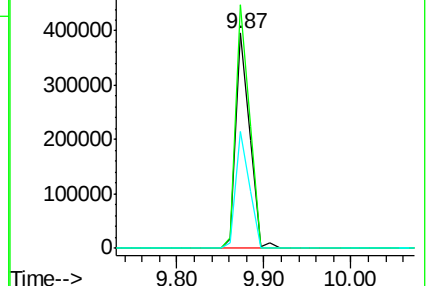
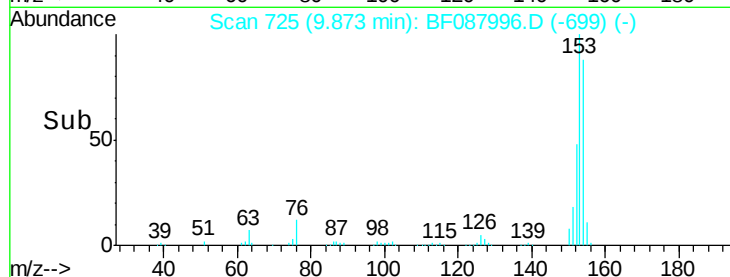
152 54.4 42.7 64.1



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: 45.00 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

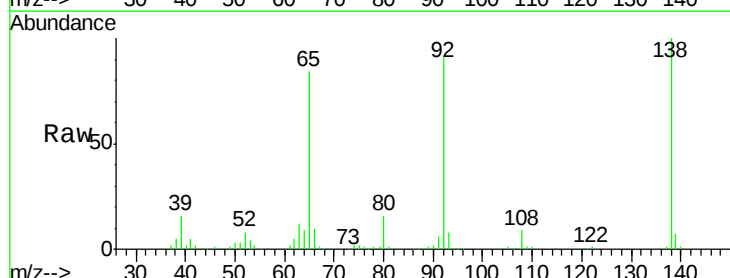
Tgt Ion:138 Resp: 165417

Ion Ratio Lower Upper

138 100

108 8.6 8.5 12.7

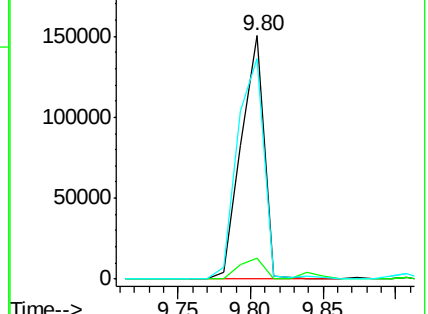
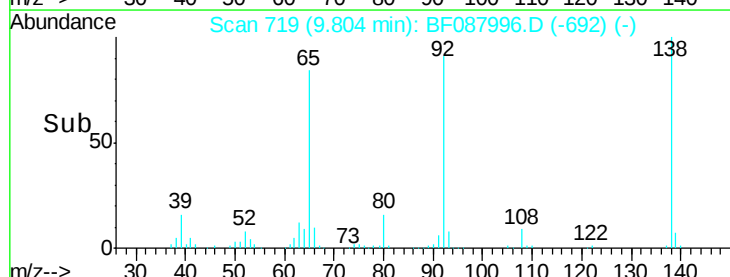
92 90.7 95.7 143.5#

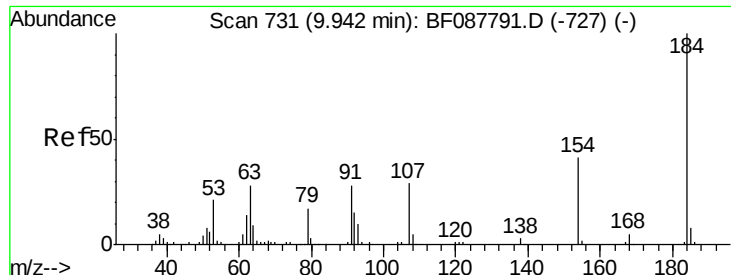


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

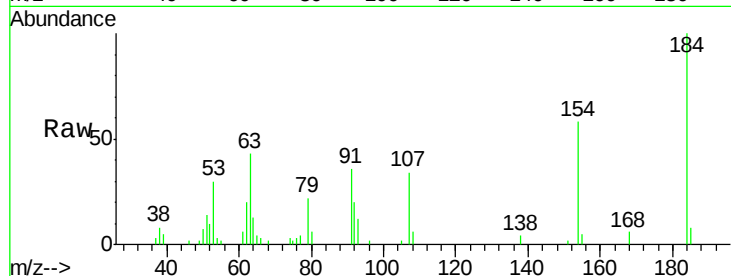




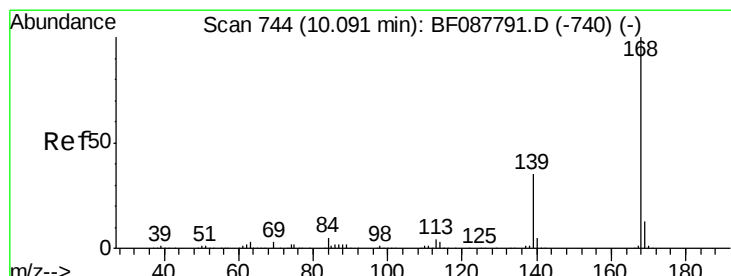
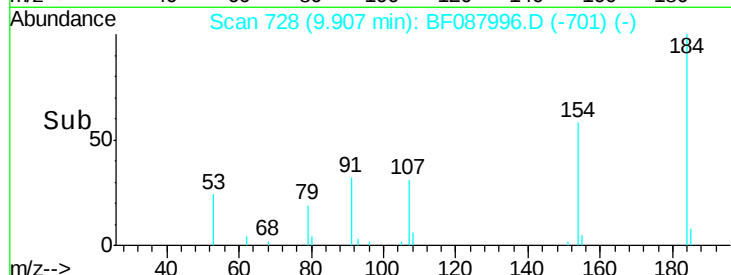
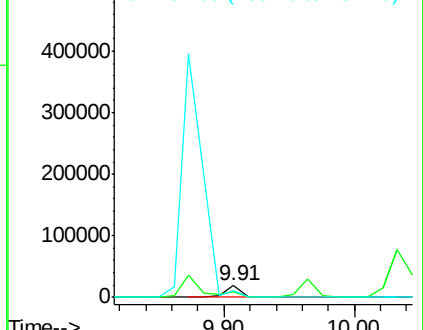
#53
 2,4-Dinitrophenol
 Concen: 14.70 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 17269
 Ion Ratio Lower Upper
 184 100
 63 43.2 57.6 86.4#
 154 58.1 53.5 80.3

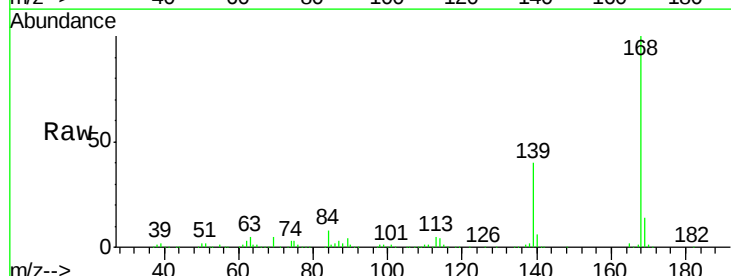


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

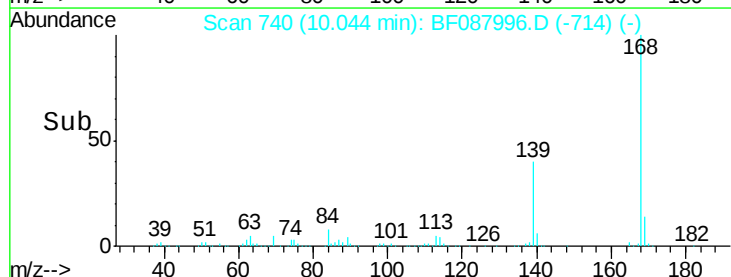
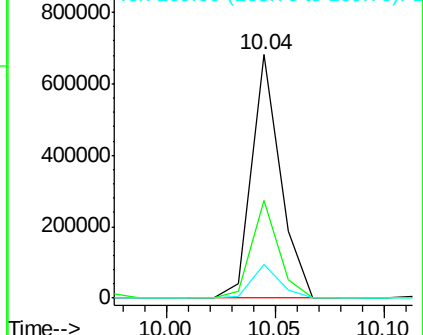


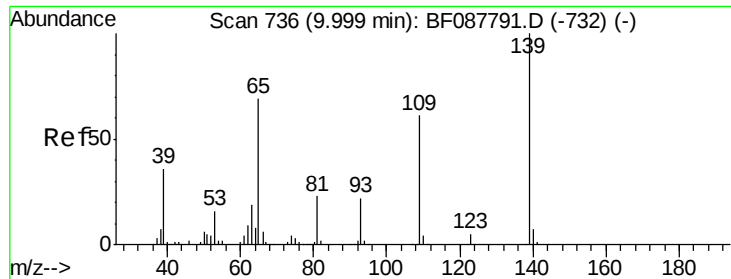
#54
 Dibenzofuran
 Concen: 36.72 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:168 Resp: 623571
 Ion Ratio Lower Upper
 168 100
 139 40.0 26.4 39.6#
 169 14.0 10.4 15.6



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

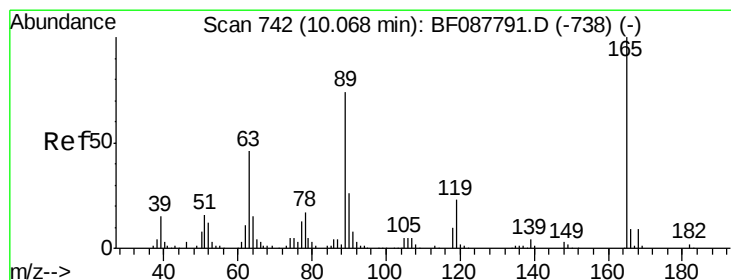
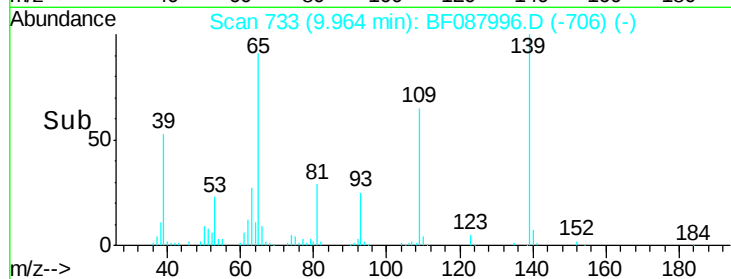
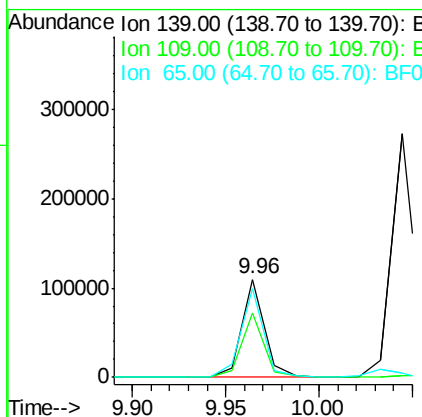
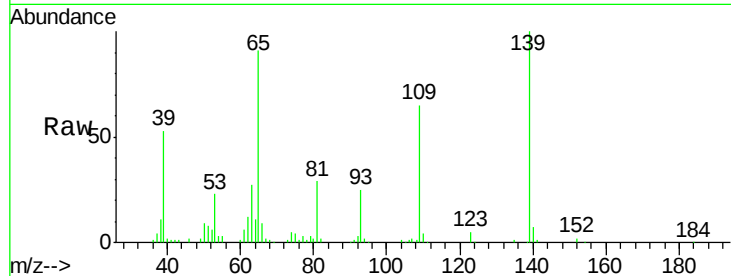




#55
4-Nitrophenol
Concen: 32.91 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

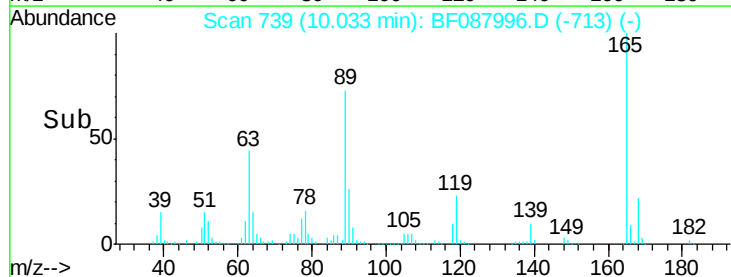
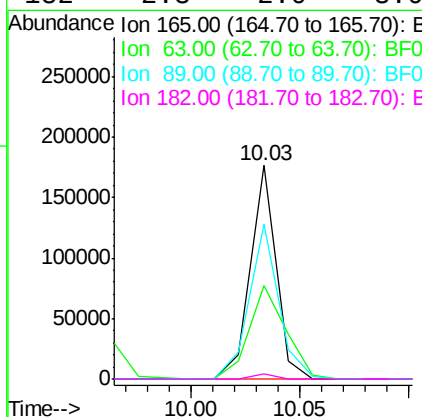
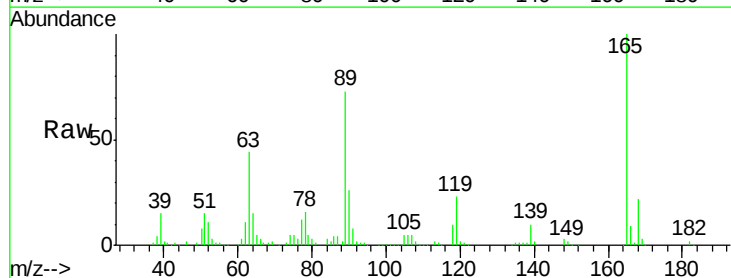
Instrument :
BNA_F
ClientSampleId :

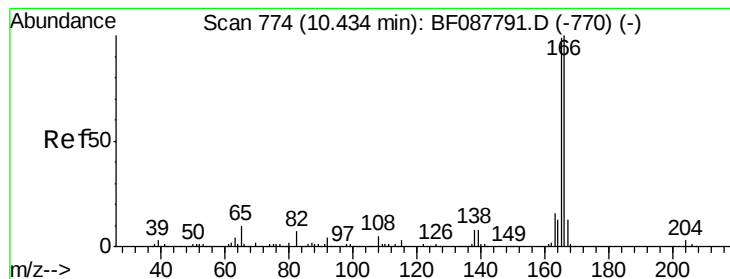
Tot Ion:139 Resp: 93912
Ion Ratio Lower Upper
139 100
109 65.4 48.9 88.9
65 91.2 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 35.44 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:165 Resp: 145098
Ion Ratio Lower Upper
165 100
63 43.8 22.0 33.0#
89 72.6 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 36.62 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

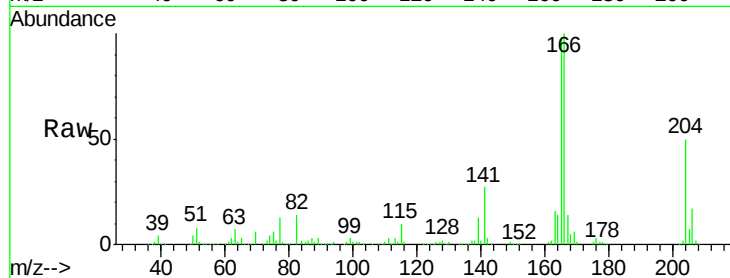
Tot Ion:166 Resp: 430545

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

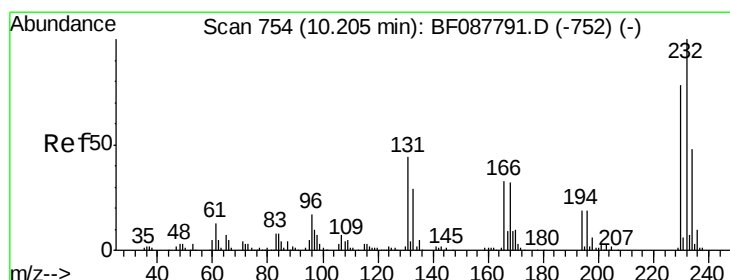
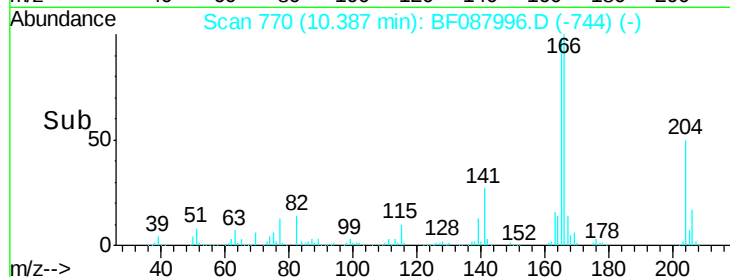
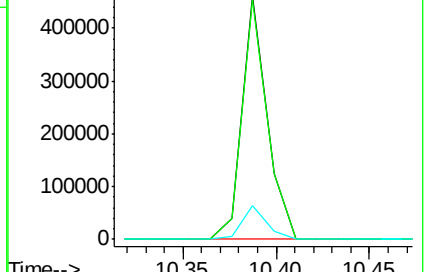
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.97 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Tgt Ion:232 Resp: 122354

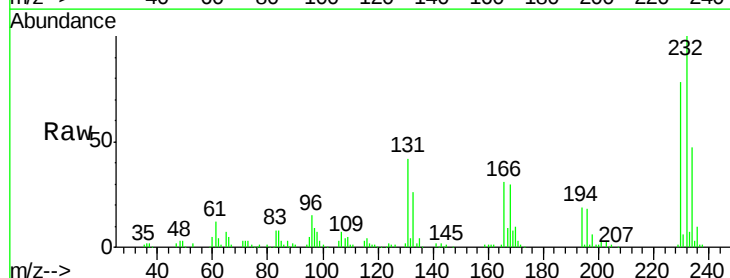
Ion Ratio Lower Upper

232 100

131 48.1 0.9 1.3#

130 2.4 1.5 2.3#

166 33.0 0.5 0.7#

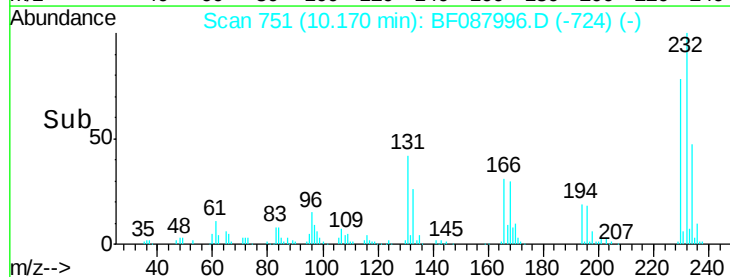
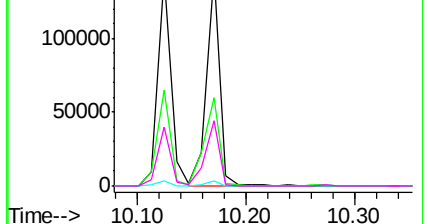


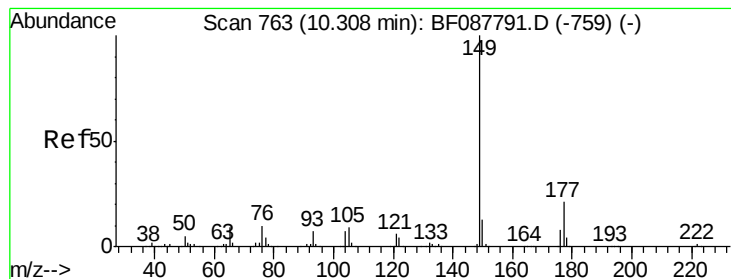
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.12 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

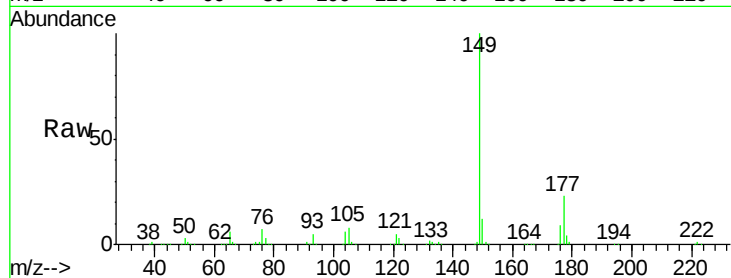
Tot Ion:149 Resp: 578992

Ion Ratio Lower Upper

149 100

177 23.0 16.9 25.3

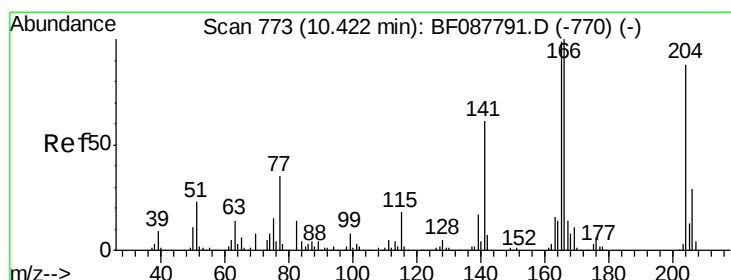
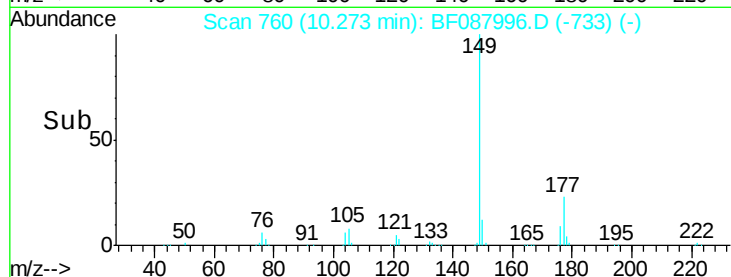
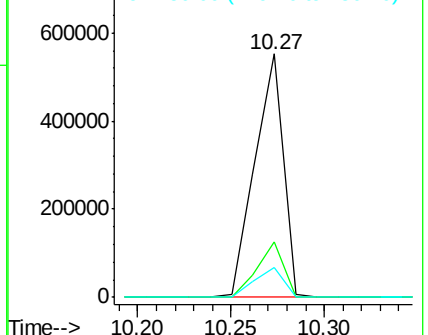
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.77 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

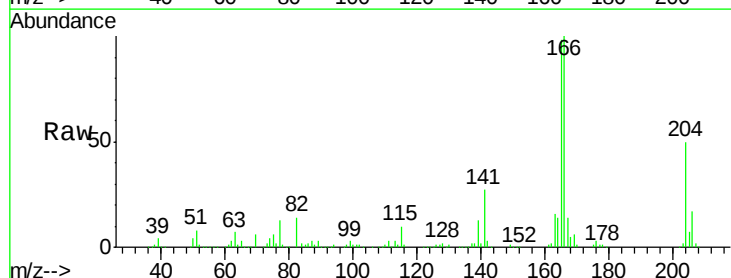
Tgt Ion:204 Resp: 224586

Ion Ratio Lower Upper

204 100

206 33.2 26.3 39.5

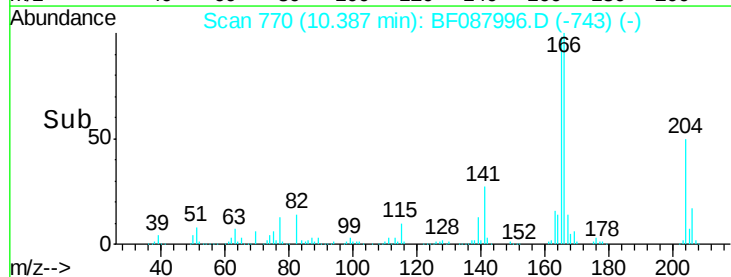
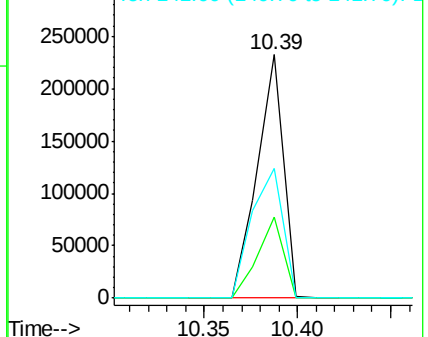
141 53.4 55.0 82.6#

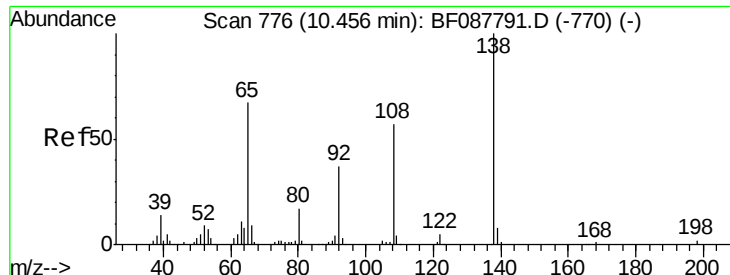


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

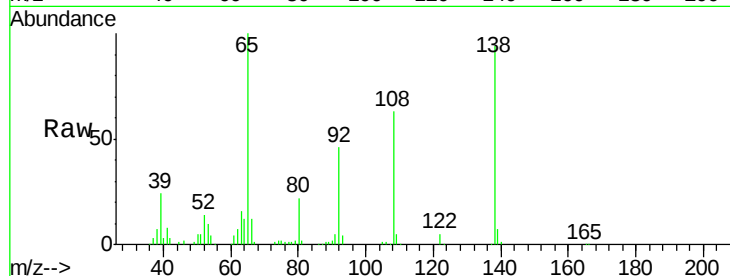




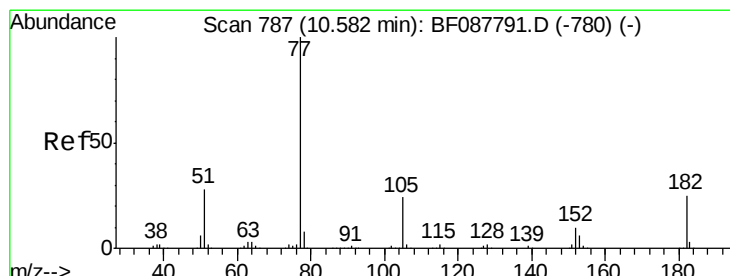
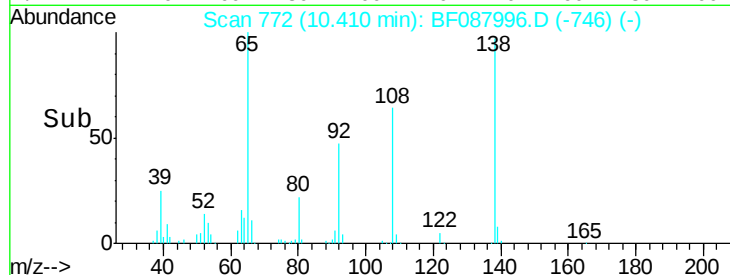
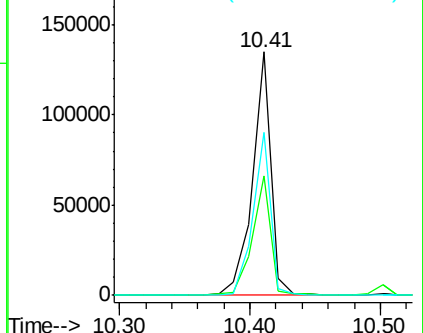
#61
4-Nitroaniline
Concen: 38.04 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 132657
Ion Ratio Lower Upper
138 100
92 49.0 27.3 67.3
108 67.0 46.7 86.7

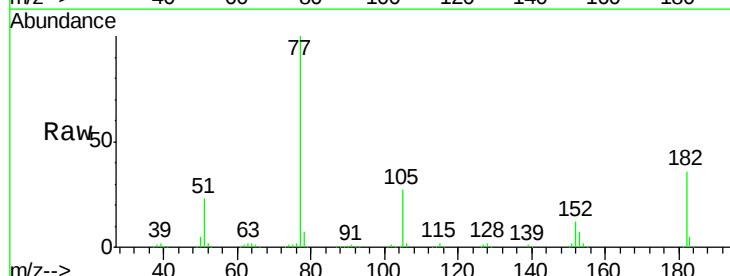


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

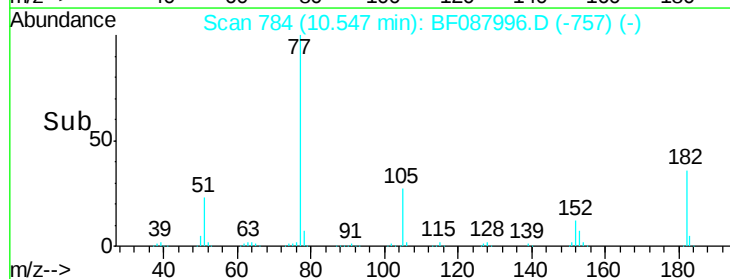
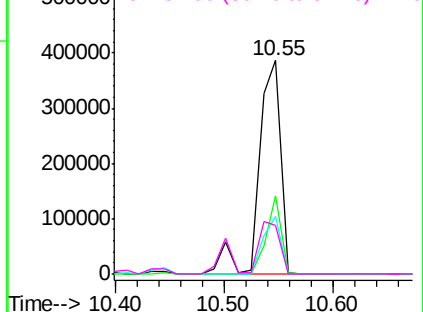


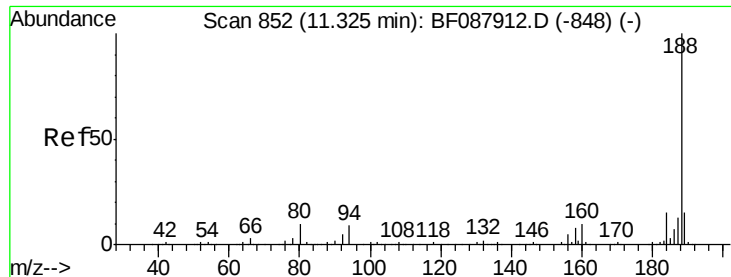
#62
Azobenzene
Concen: 39.05 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion: 77 Resp: 543761
Ion Ratio Lower Upper
77 100
182 36.5 4.4 44.4
105 26.7 3.8 43.8
51 22.9 9.3 49.3



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

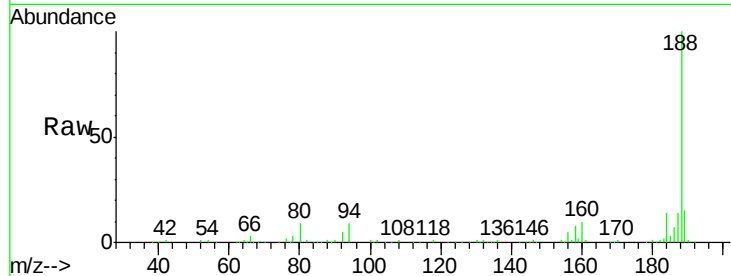




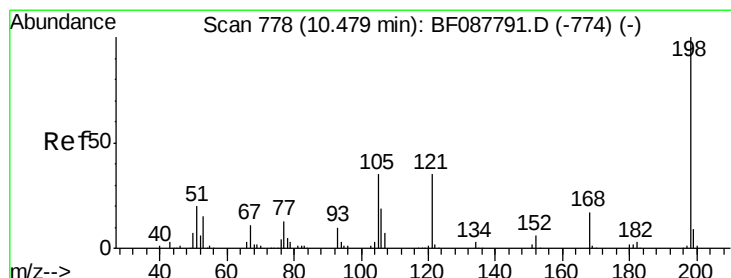
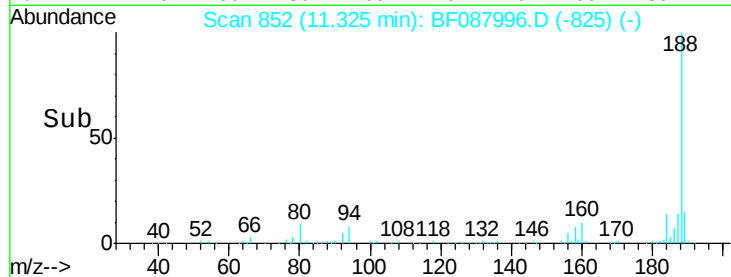
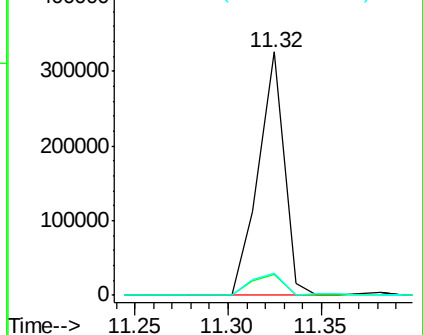
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 312051
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 8.9 10.0 15.0#

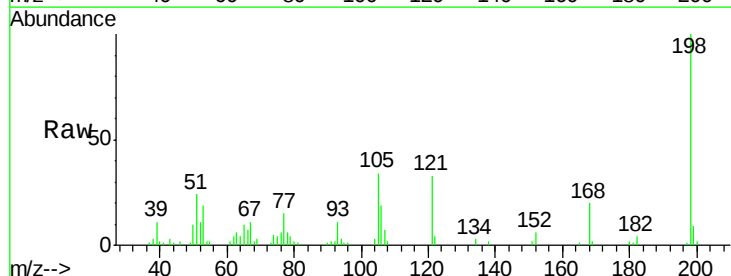


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

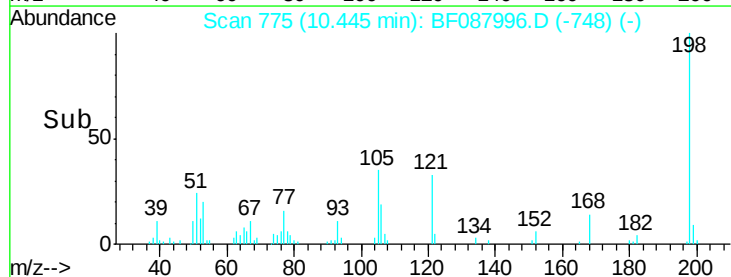
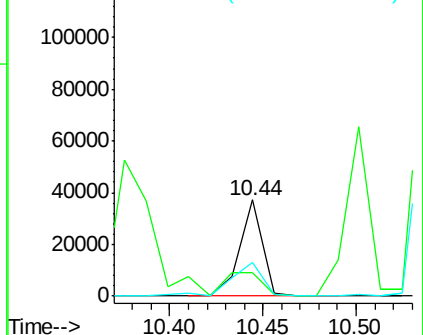


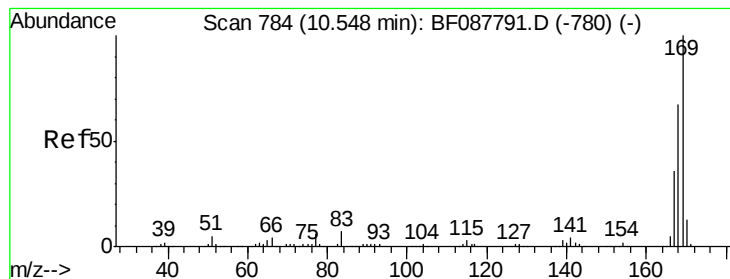
#64
4,6-Dinitro-2-methylphenol
Concen: 17.80 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:198 Resp: 31905
Ion Ratio Lower Upper
198 100
51 23.8 39.6 79.6#
105 34.5 36.6 76.6#



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





#65

n-Nitrosodiphenylamine

Concen: 40.90 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

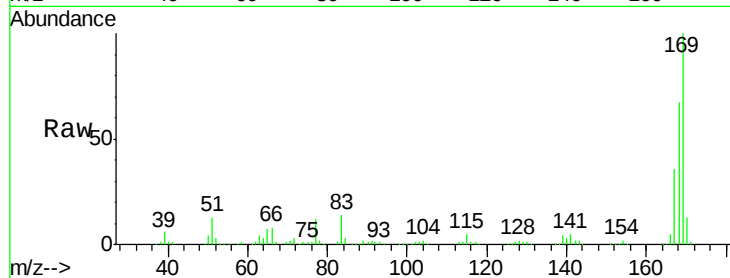
Tot Ion:169 Resp: 423538

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

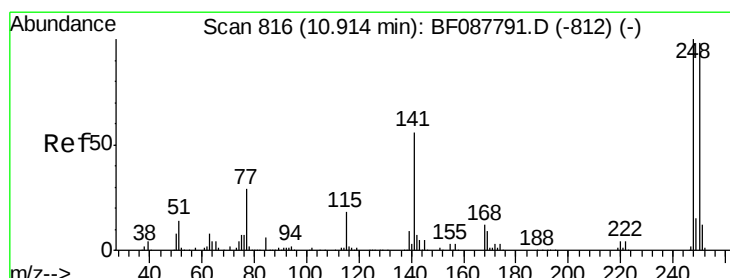
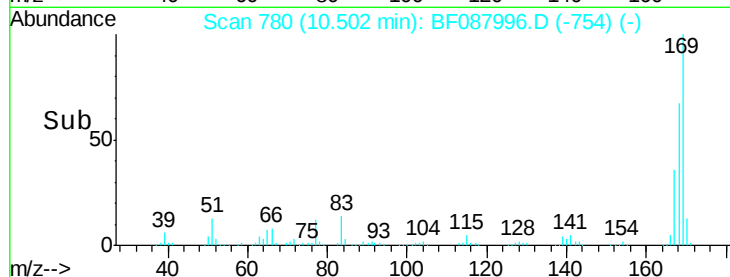
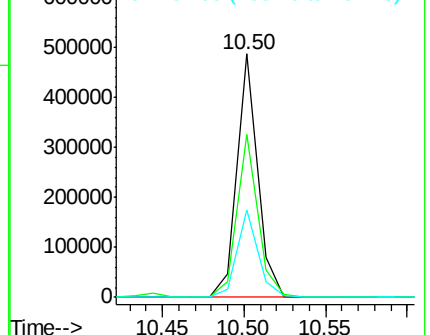
167 36.1 29.4 44.0



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: 40.43 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

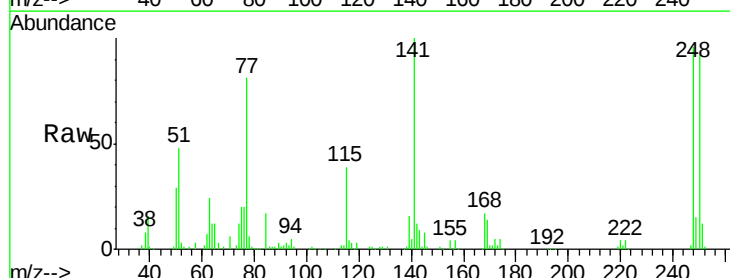
Tgt Ion:248 Resp: 135360

Ion Ratio Lower Upper

248 100

250 95.7 77.1 115.7

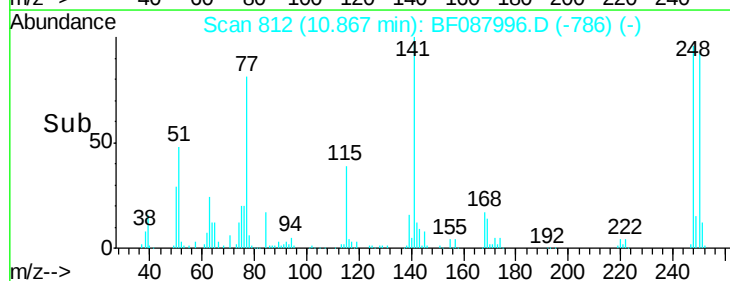
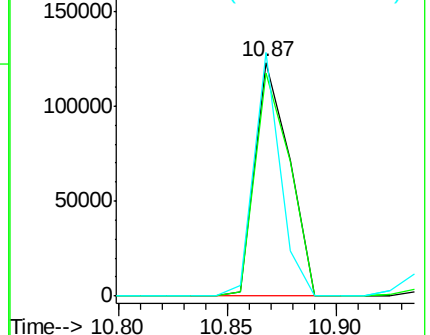
141 104.2 50.6 76.0#

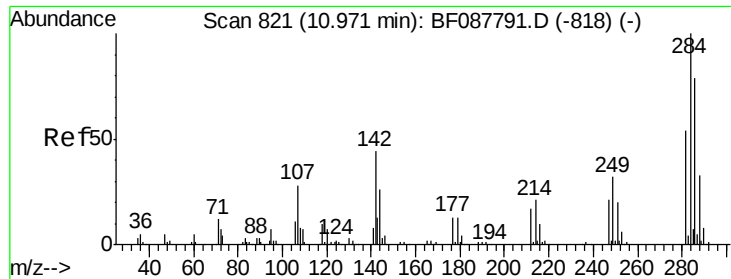


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

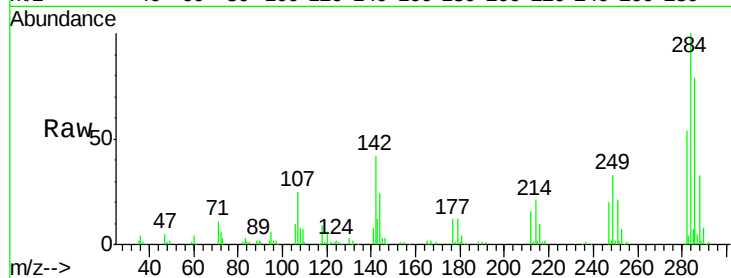




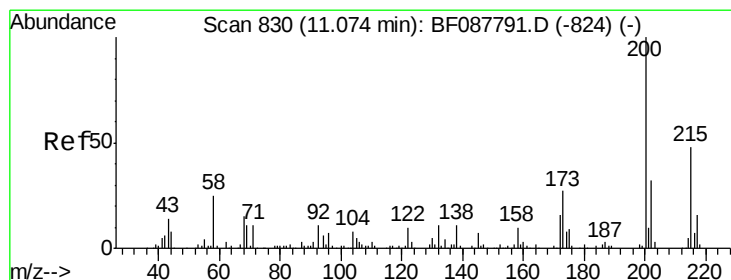
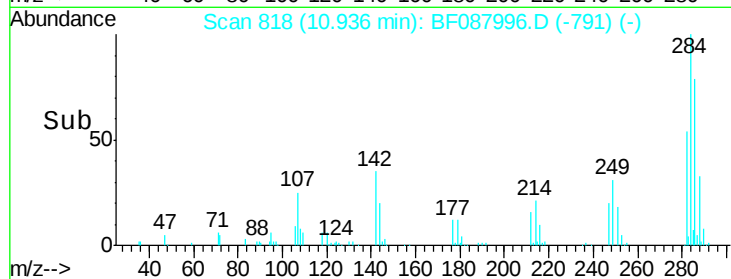
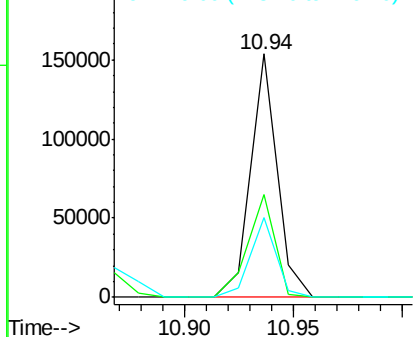
#67
Hexachlorobenzene
Concen: 37.51 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.1	35.8	53.8
249	32.9	25.8	38.6

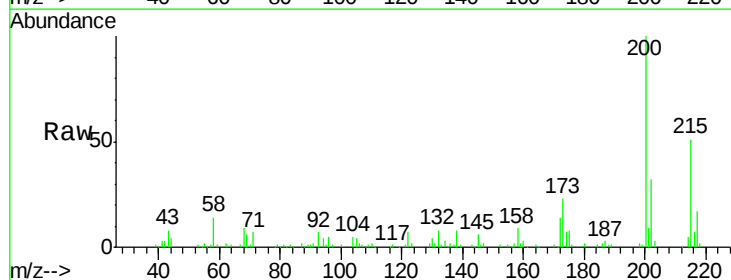


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

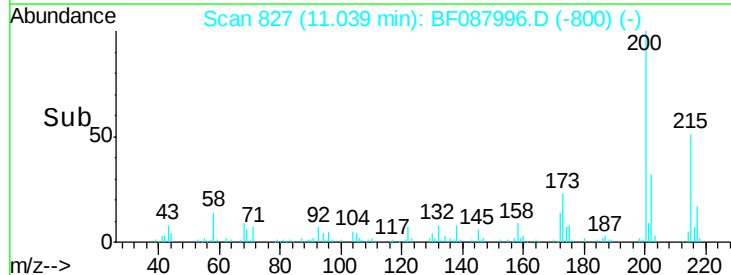
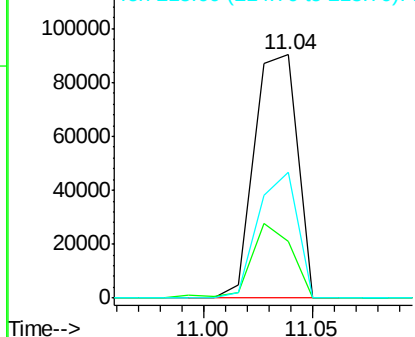


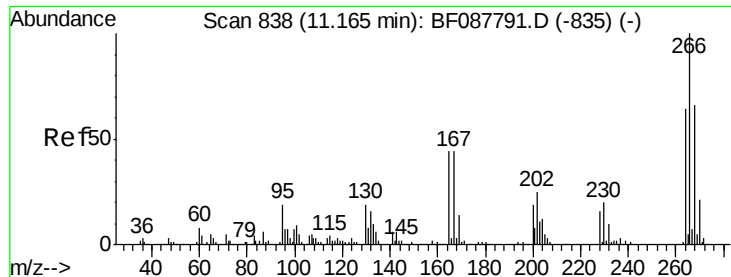
#68
Atrazine
Concen: 39.86 ng
RT: 11.04 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.0	44.0
215	51.4	29.3	69.3



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

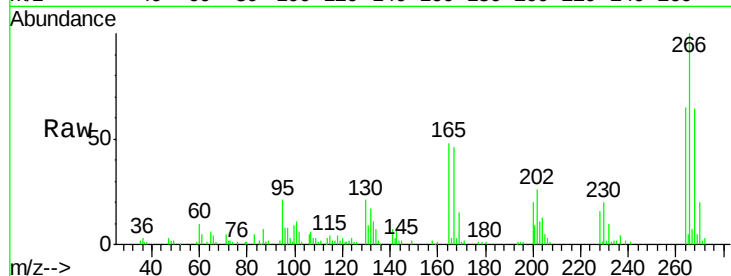




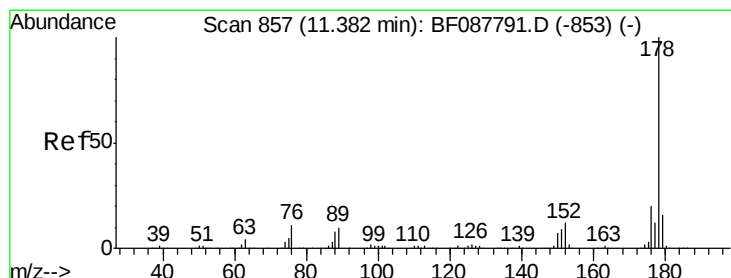
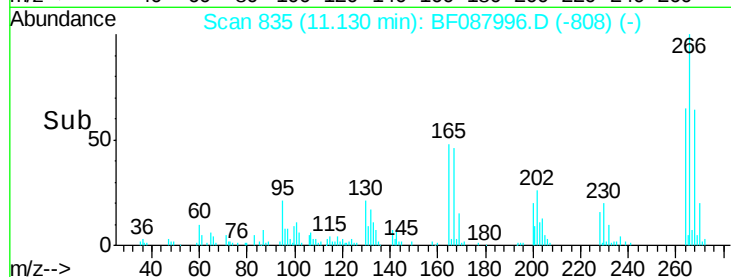
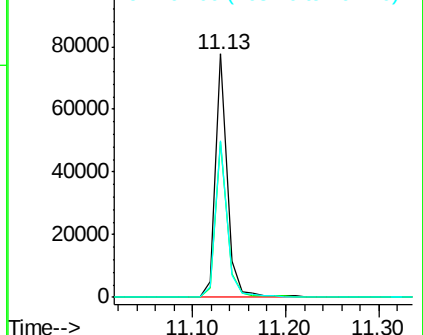
#69
 Pentachlorophenol
 Concen: 37.61 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 68951
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.8 79.2
 264 64.6 49.6 74.4

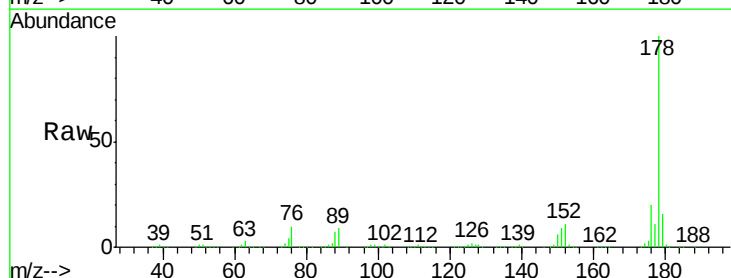


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

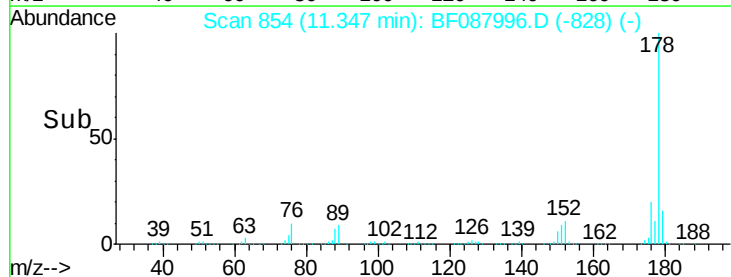
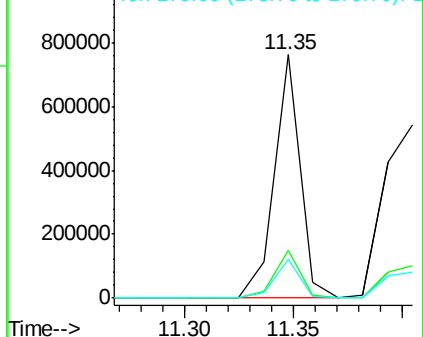


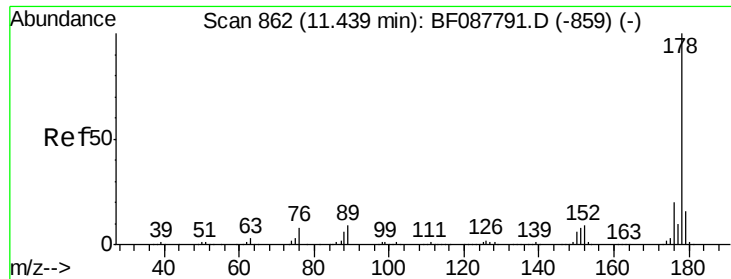
#70
 Phenanthrene
 Concen: 38.99 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:178 Resp: 638525
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.9 13.0 19.4



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

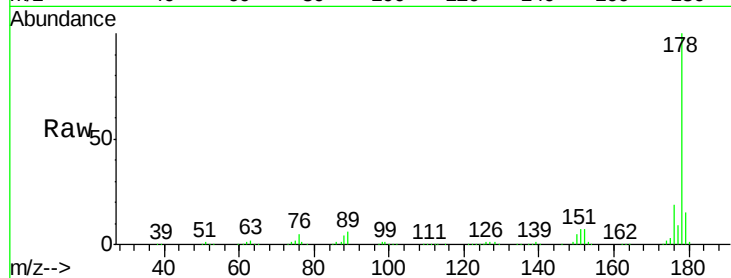




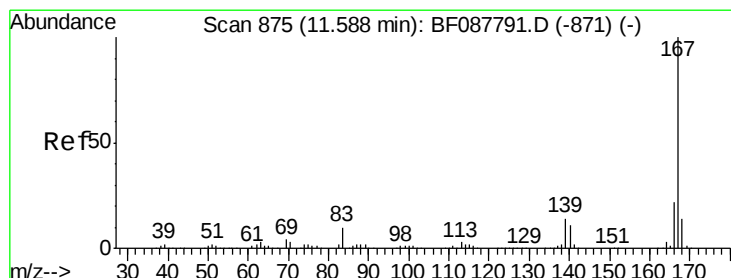
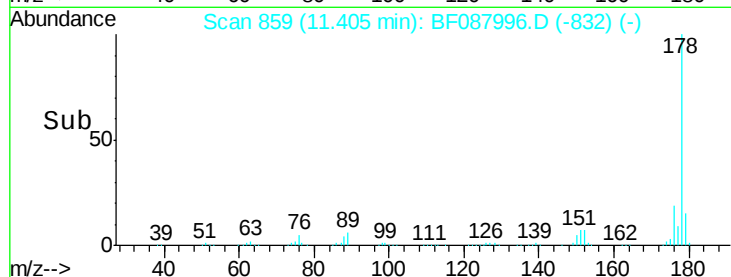
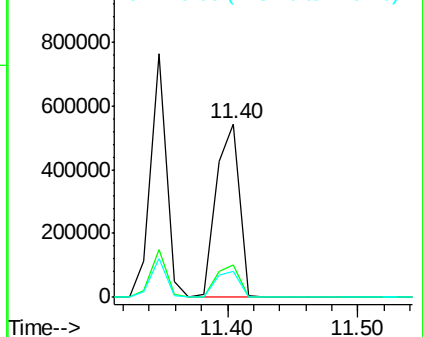
#71
 Anthracene
 Concen: 40.99 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 676970
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.2 12.8 19.2

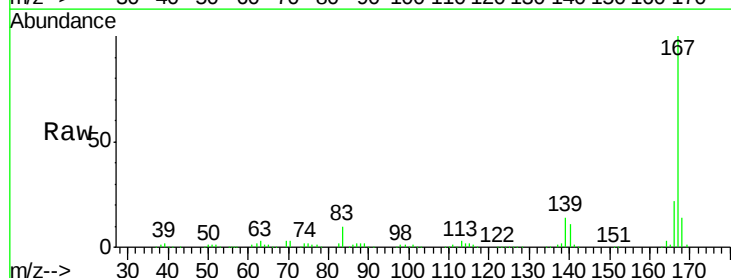


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

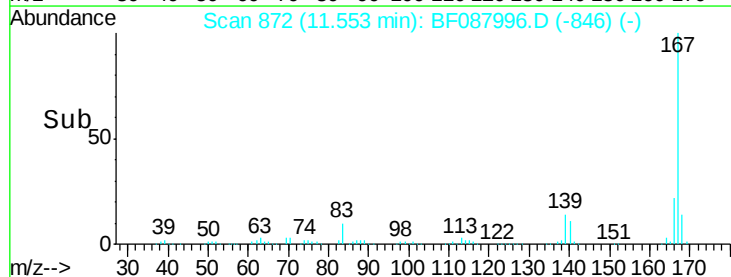
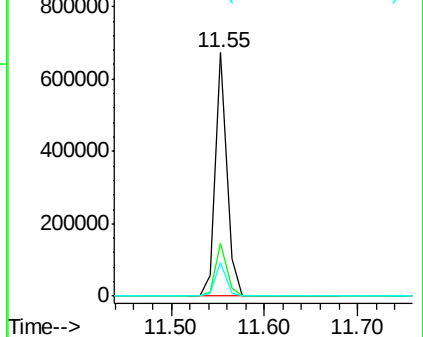


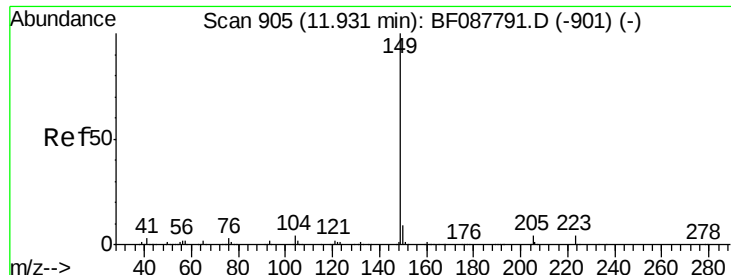
#72
 Carbazole
 Concen: 37.23 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:167 Resp: 575379
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.9 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 41.99 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

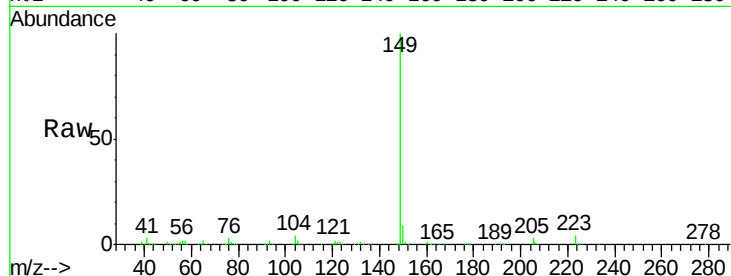
Tot Ion:149 Resp: 821572

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

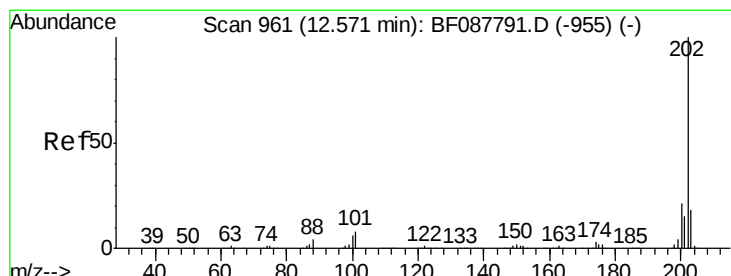
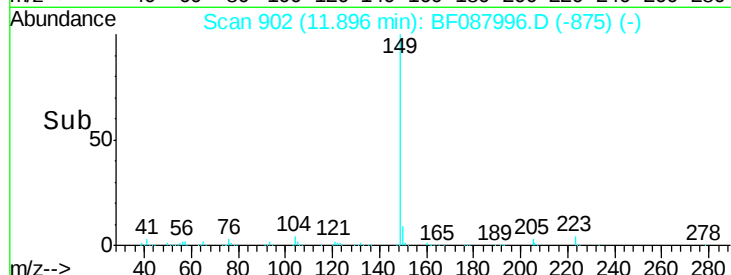
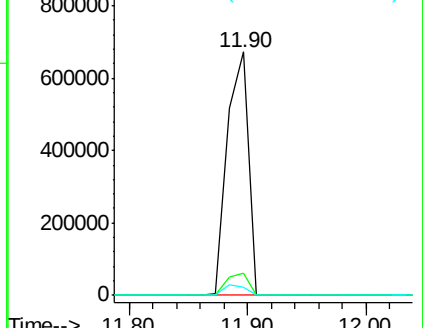
104 3.6 4.0 6.0#



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: 35.48 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

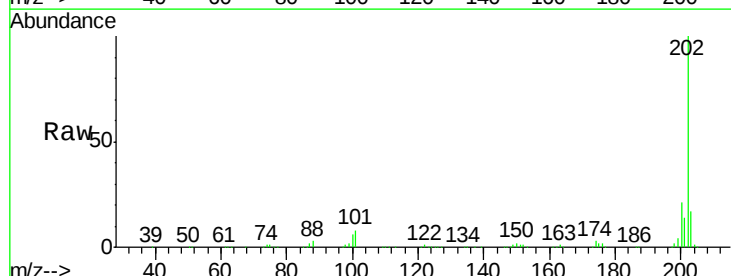
Tgt Ion:202 Resp: 613101

Ion Ratio Lower Upper

202 100

101 7.8 0.0 33.1

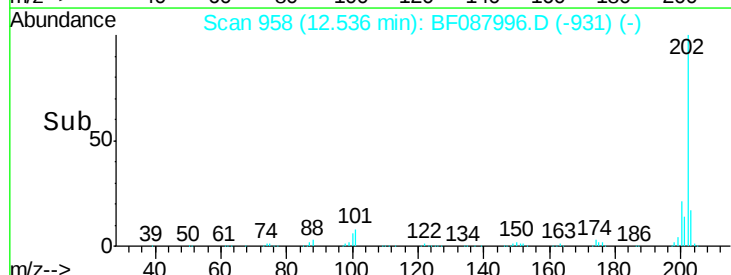
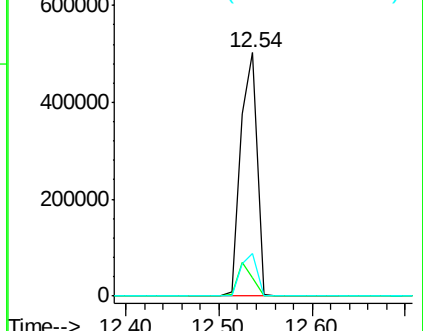
203 17.5 0.0 38.1

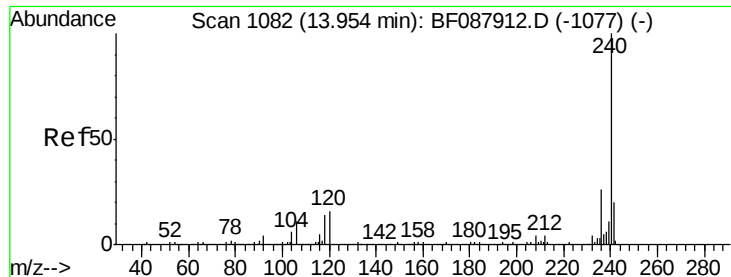


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampled :

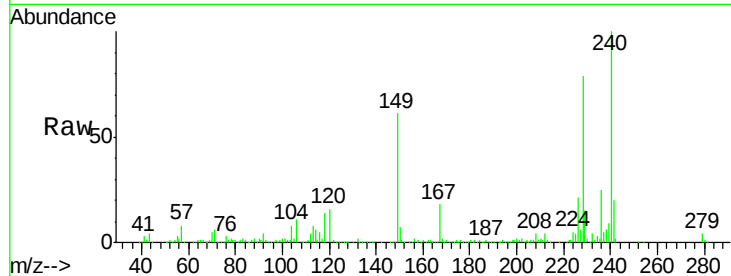
Tot Ion:240 Resp: 212103

Ion Ratio Lower Upper

240 100

120 16.3 6.8 10.2#

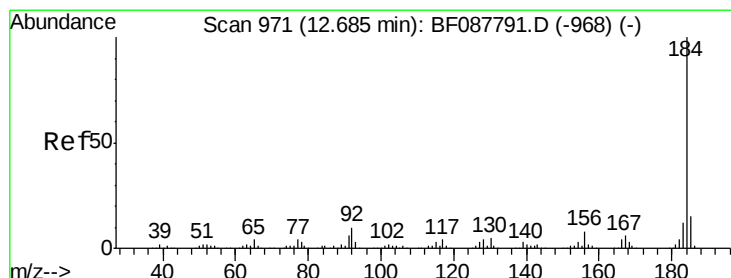
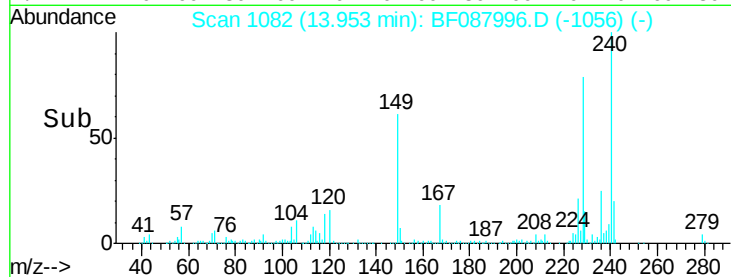
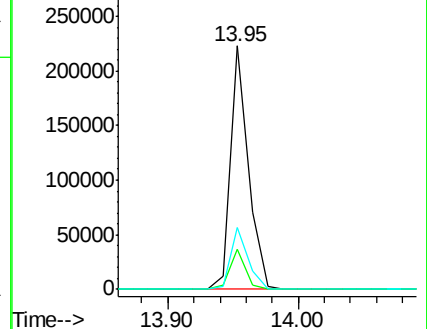
236 25.4 20.2 30.2



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: 55.04 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

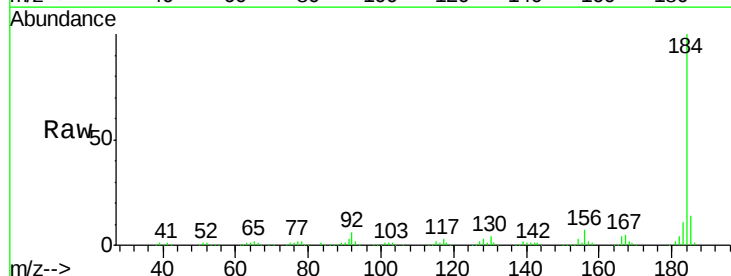
Tgt Ion:184 Resp: 323244

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

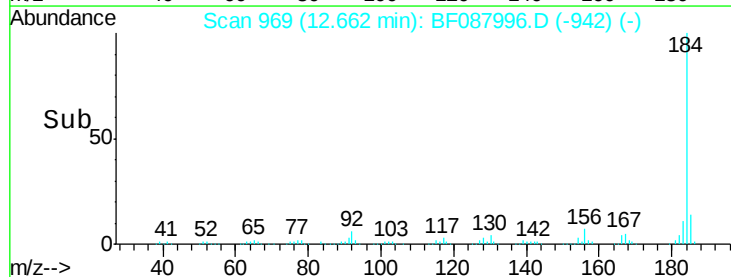
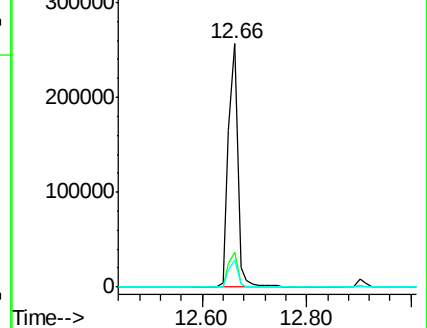
183 11.4 9.3 13.9

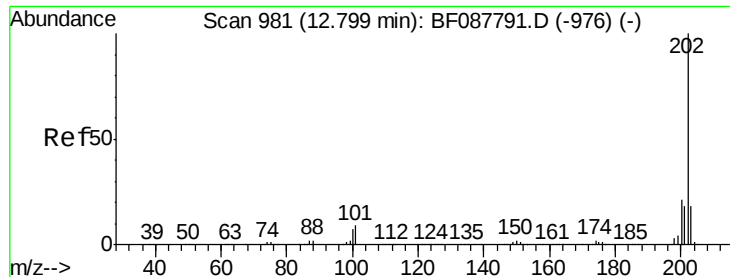


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

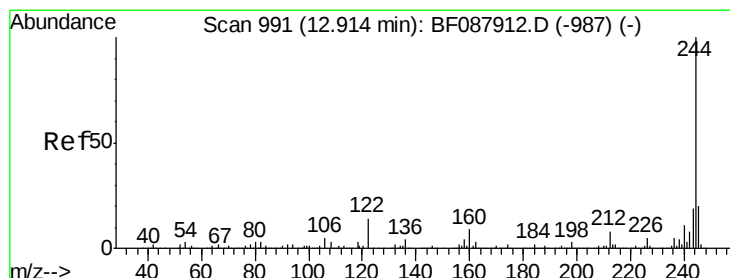
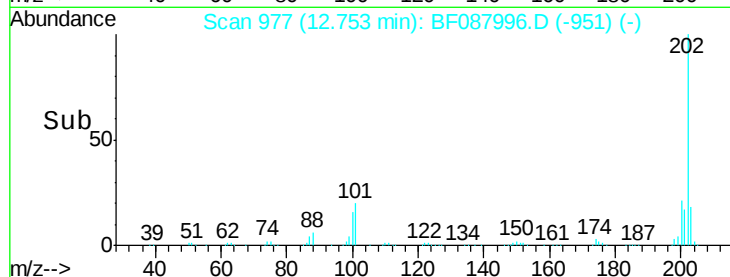
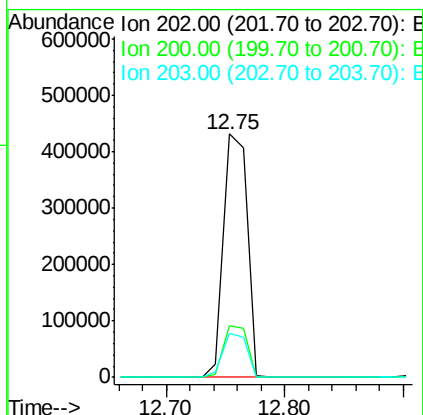
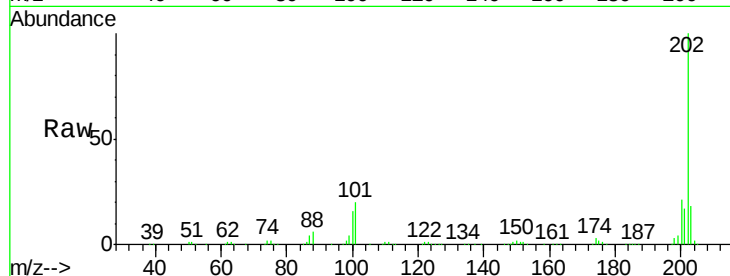




#77
Pvrene
Concen: 37.85 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

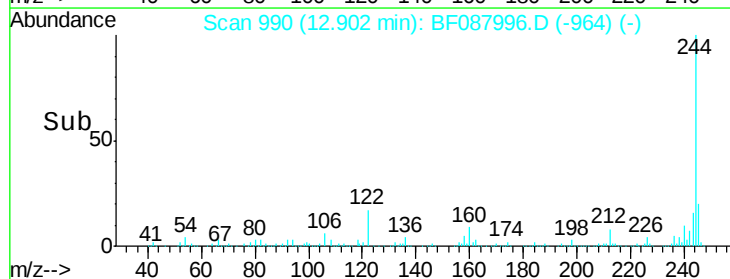
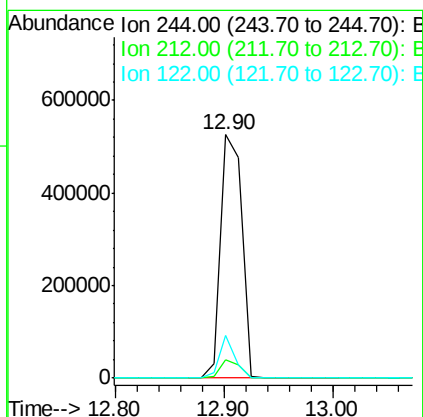
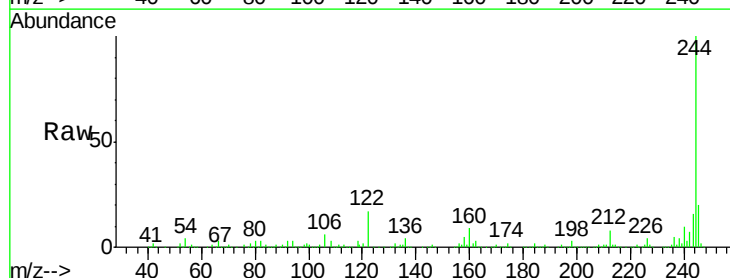
Instrument :
BNA_F
ClientSampled :

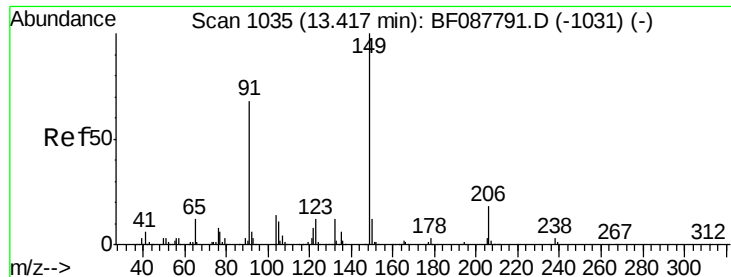
Tot Ion:202 Resp: 595781
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.3 14.5 21.7



#78
Terphenyl-d14
Concen: 76.67 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:244 Resp: 714650
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 17.4 11.2 16.8#

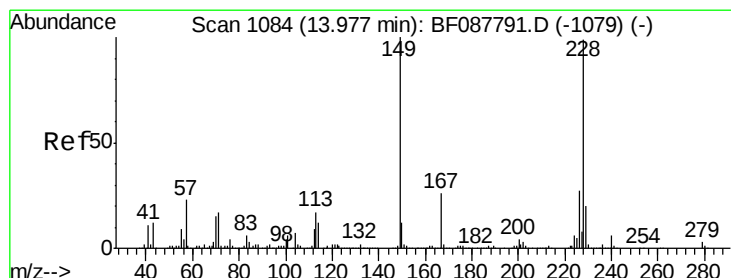
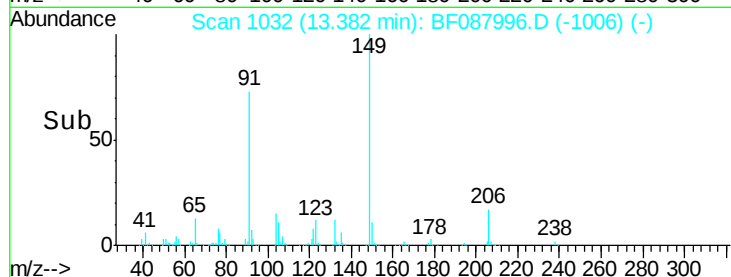
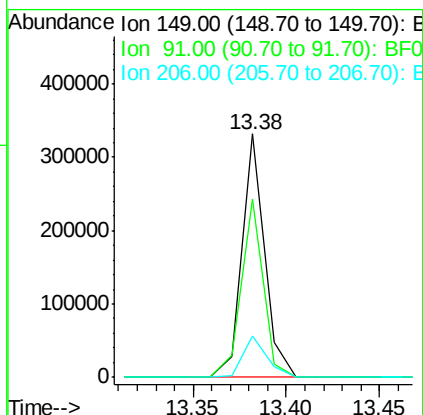
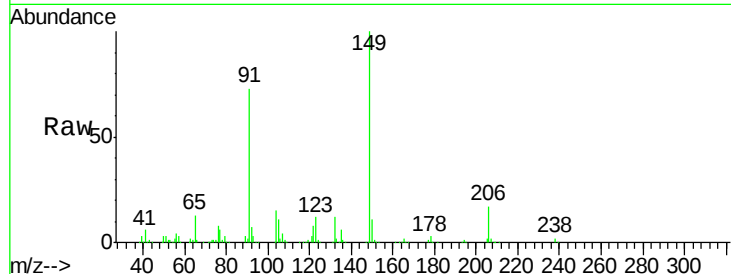




#79
Butylbenzylphthalate
Concen: 40.31 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

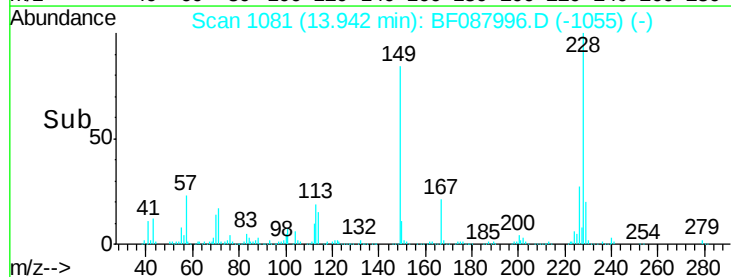
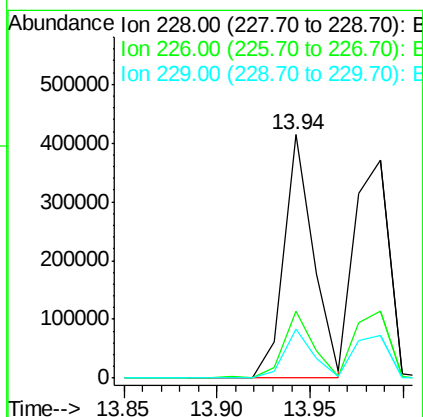
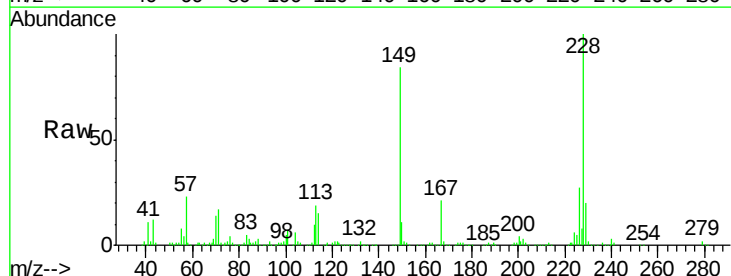
Instrument :
BNA_F
ClientSampleId :

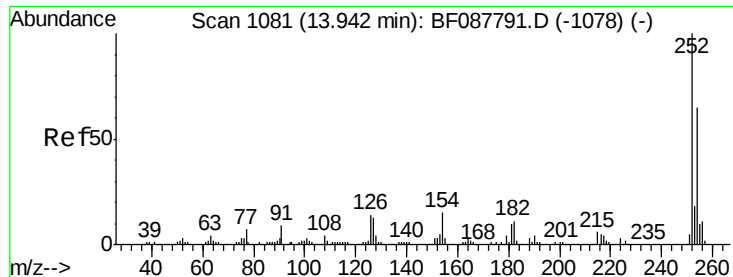
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	48.0	72.0#
206	16.9	16.0	24.0



#80
Benzo(a)anthracene
Concen: 37.80 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.2	16.0	24.0

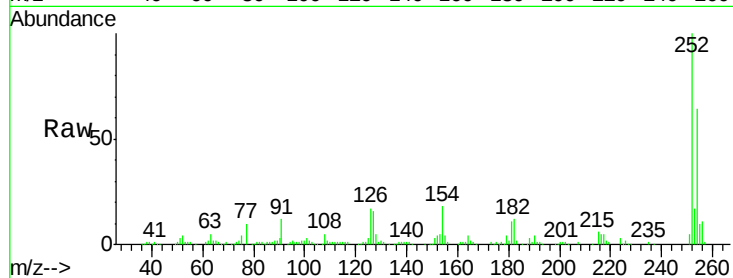




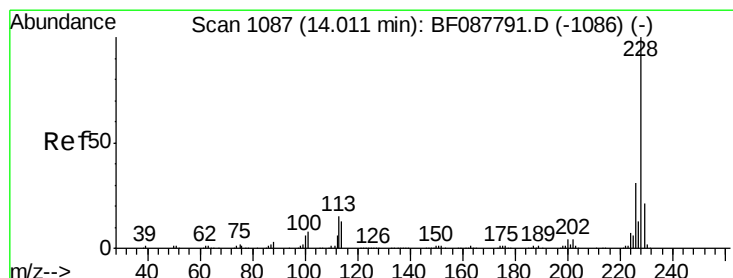
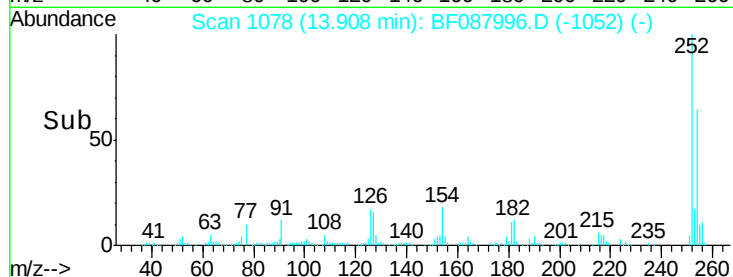
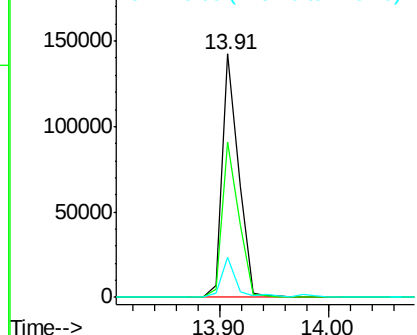
#81
 3,3'-Dichlorobenzidine
 Concen: 46.36 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 150684
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 16.5 6.2 9.2#

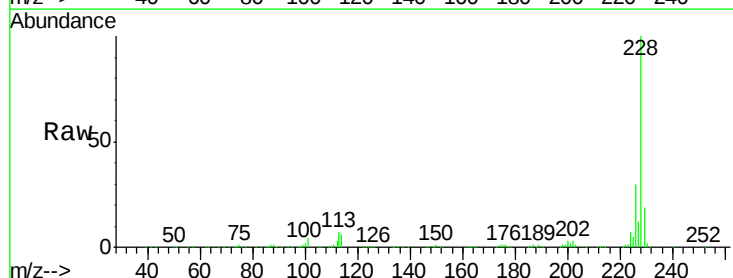


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

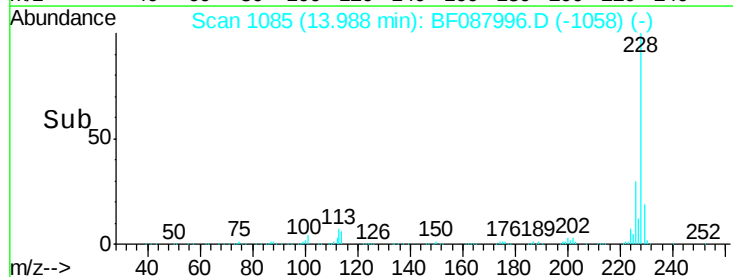
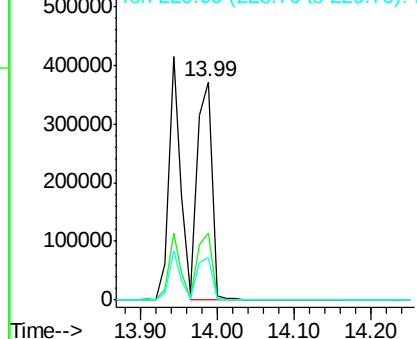


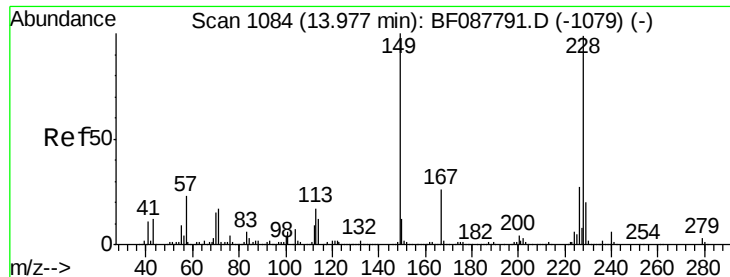
#82
 Chrysene
 Concen: 42.52 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Tgt Ion:228 Resp: 483449
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 19.4 16.3 24.5



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: 41.32 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

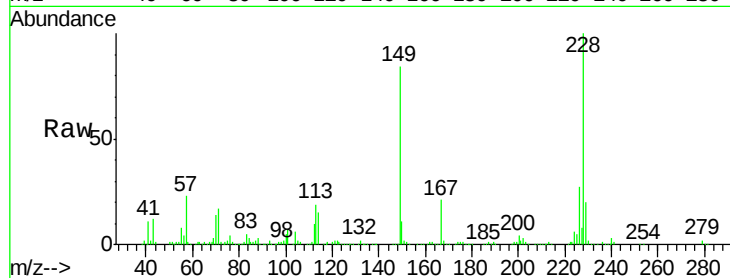
Tot Ion:149 Resp: 349992

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

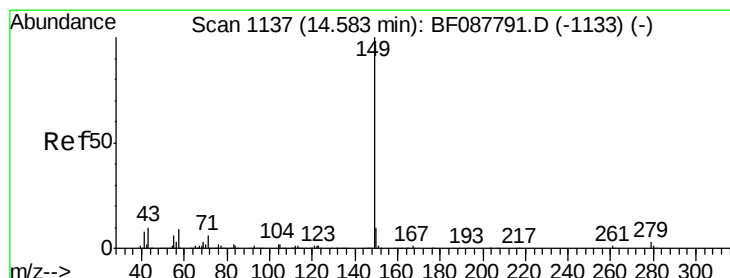
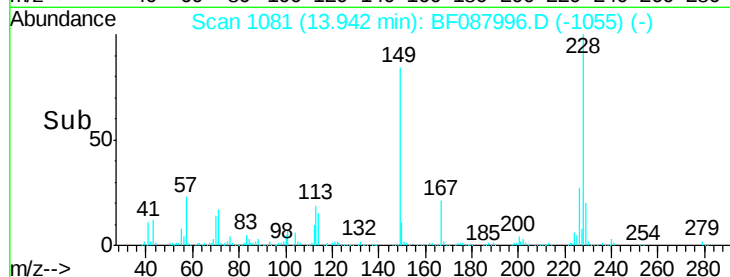
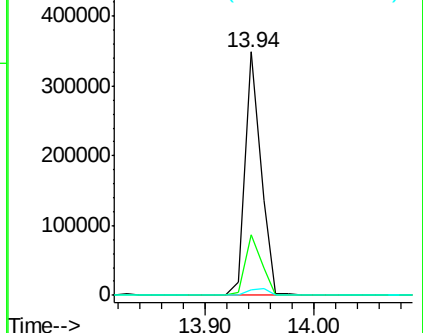
279 2.2 2.0 3.0



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: 49.06 ng

RT: 14.56 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

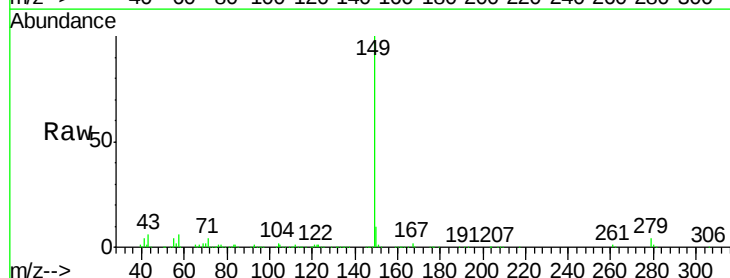
Tgt Ion:149 Resp: 675241

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

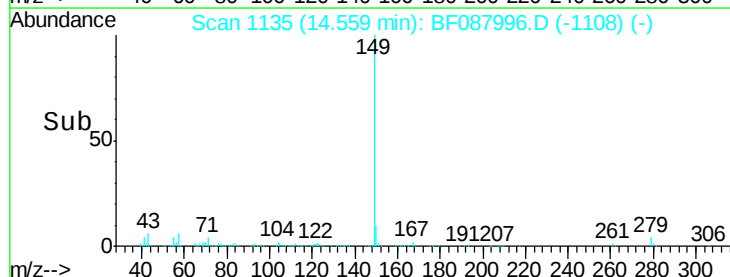
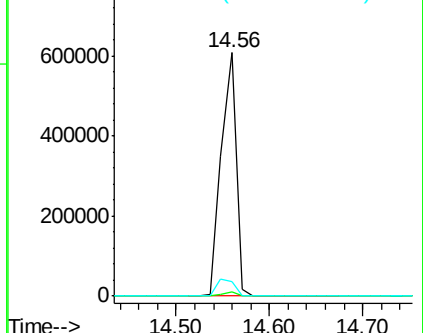
43 8.2 0.0 0.0#

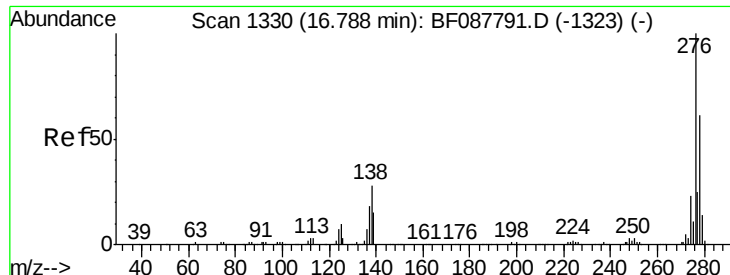


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

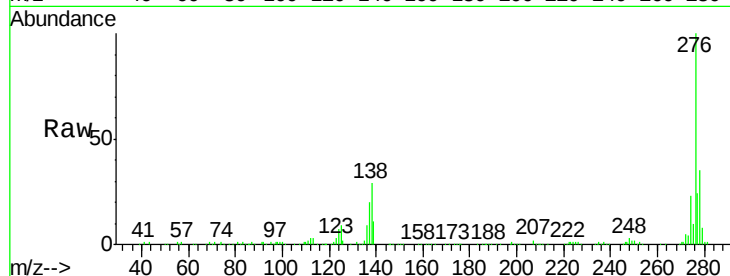




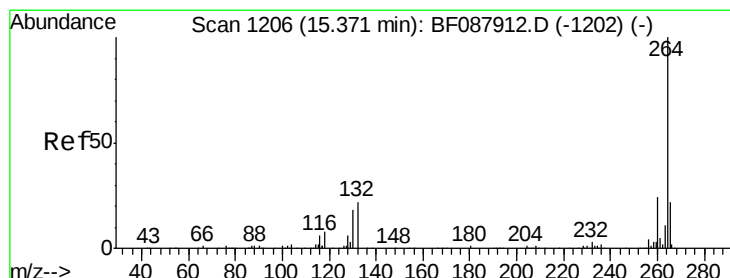
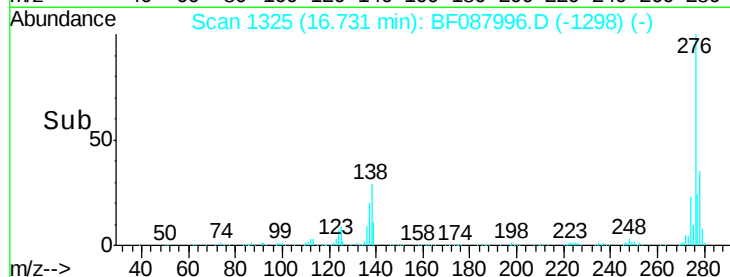
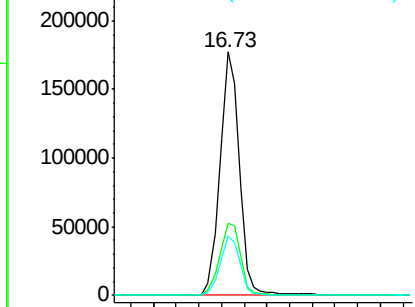
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.14 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 424089
Ion Ratio Lower Upper
276 100
138 32.0 0.0 0.0#
277 25.1 0.0 0.0#

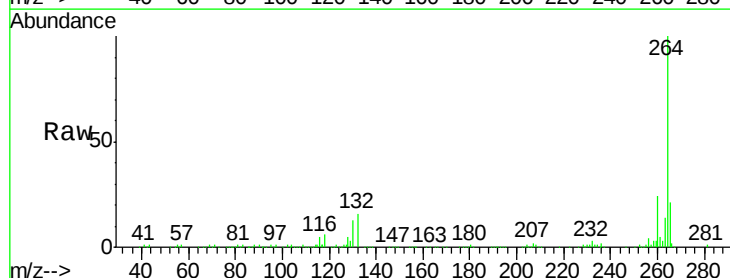


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

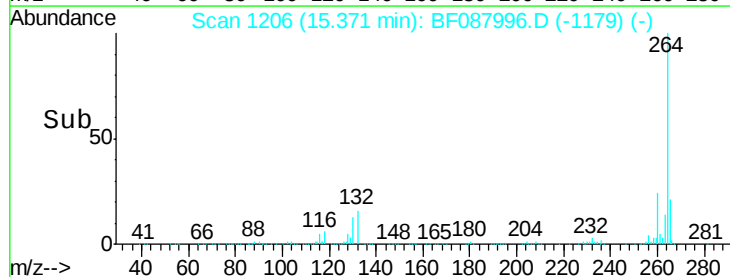
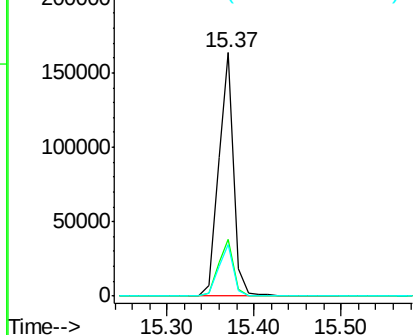


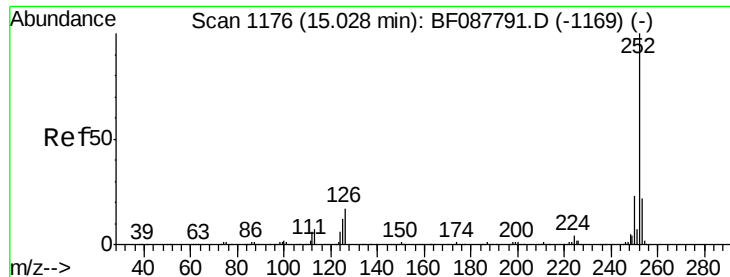
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:264 Resp: 197443
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 16.9 25.3



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

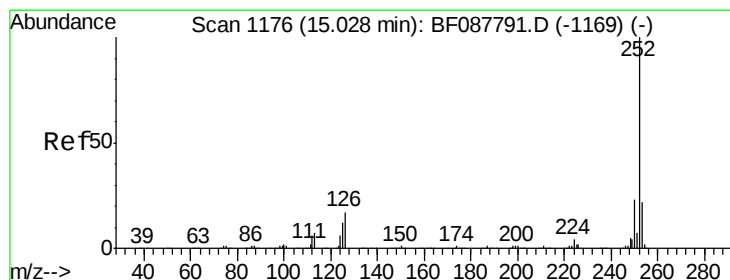
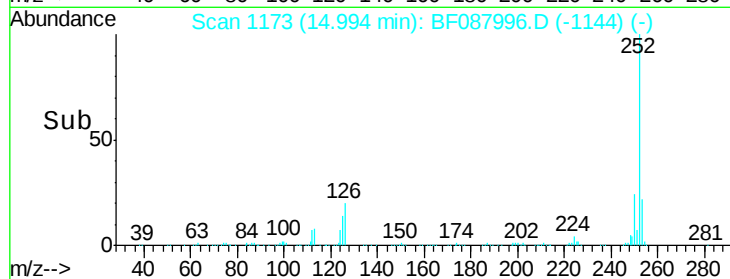
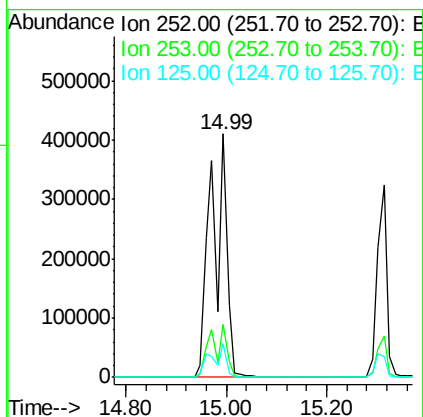
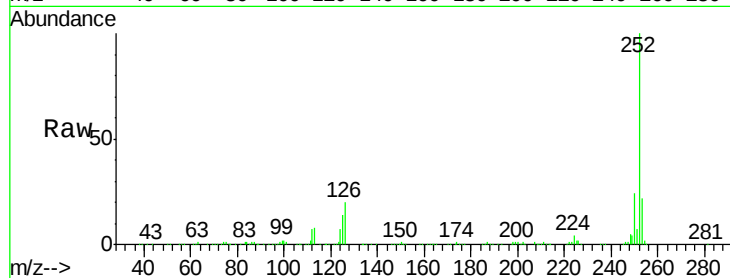




#87
Benzo(b)fluoranthene
Concen: 64.37 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

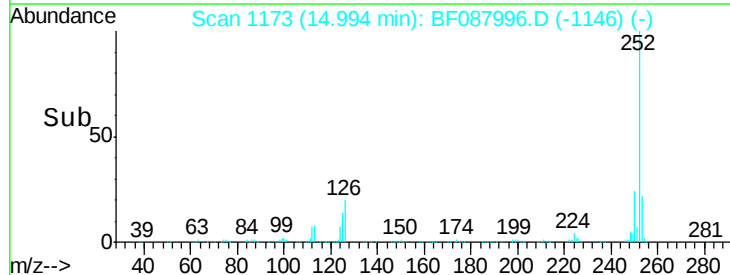
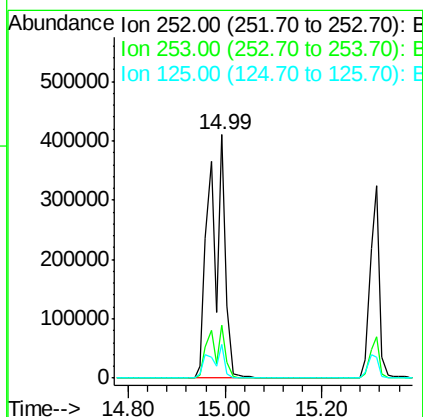
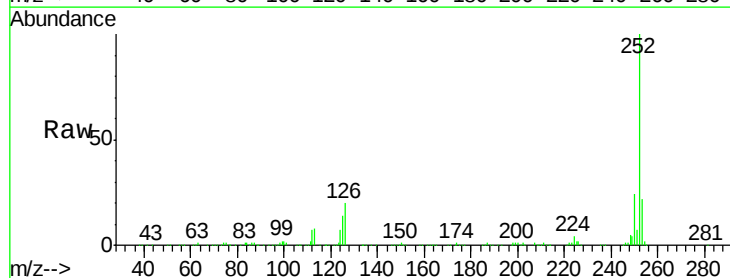
Instrument :
BNA_F
ClientSampleId :

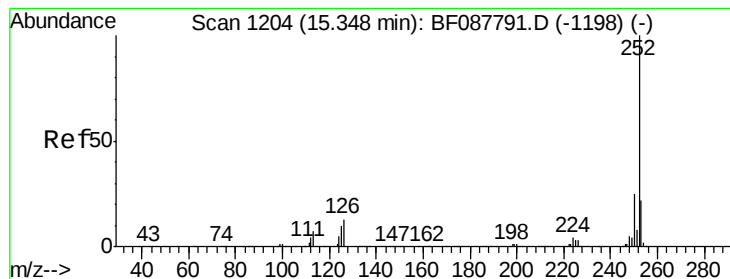
Tot Ion:252 Resp: 885768
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.8 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 85.33 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF087996.D
Acq: 14 Jun 2016 8:46

Tgt Ion:252 Resp: 885779
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 13.8 11.2 16.8





#89

Benzo(a)pyrene

Concen: 38.82 ng

RT: 15.31 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

Instrument :

BNA_F

ClientSampleId :

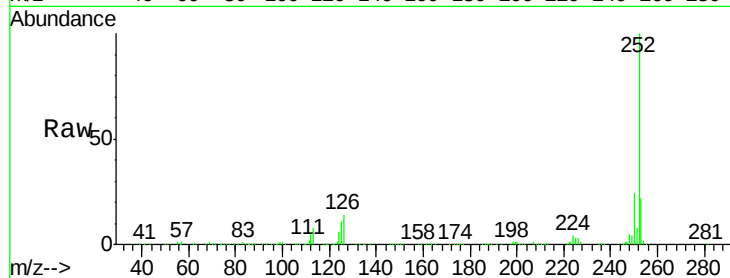
Tot Ion:252 Resp: 432198

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

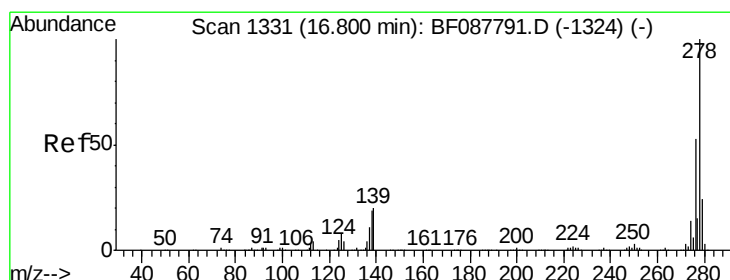
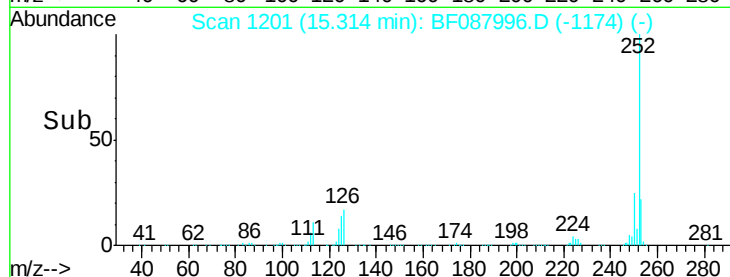
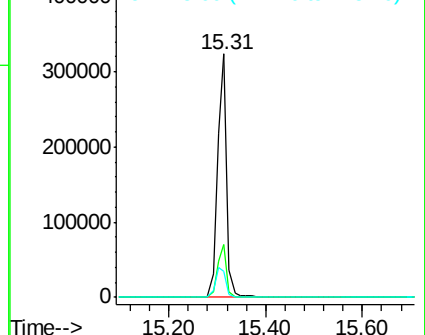
125 10.9 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.94 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF087996.D

Acq: 14 Jun 2016 8:46

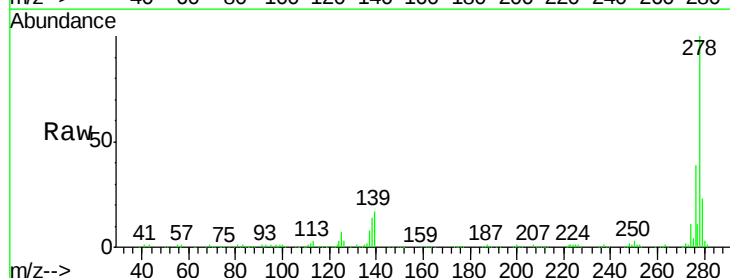
Tgt Ion:278 Resp: 361300

Ion Ratio Lower Upper

278 100

139 16.6 15.7 23.5

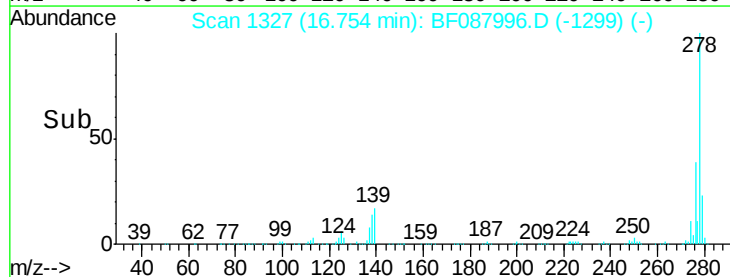
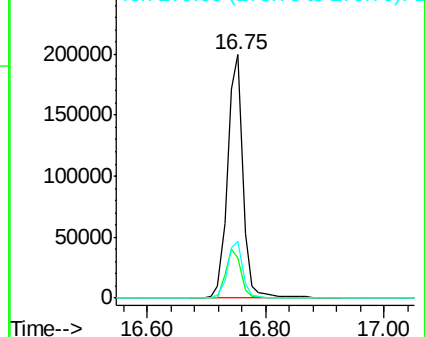
279 23.3 19.4 29.2

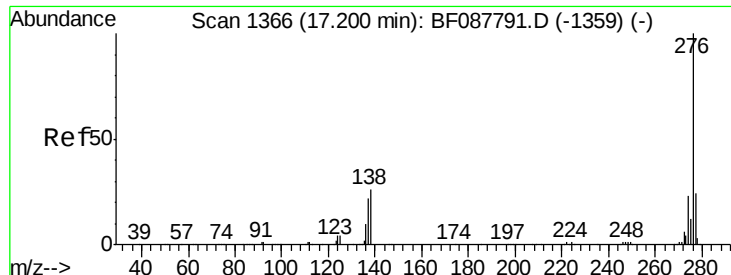


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

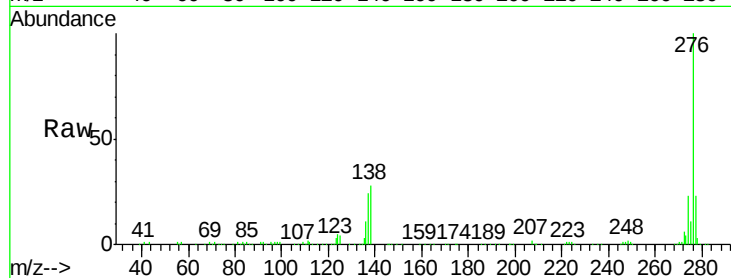




#91
 Benzo(a,h,i)perylene
 Concen: 33.15 ng
 RT: 17.14 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF087996.D
 Acq: 14 Jun 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 352678
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.9 28.3
 138 27.5 21.4 32.2



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

