

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080889.D
 Acq On : 6 Aug 2015 14:16
 Operator : TP/UM
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 01:34:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48526	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	204389	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	96150	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	201678	20.00	ng	0.01
75) Chrysene-d12	13.96	240	147636	20.00	ng	0.00
86) Perylene-d12	15.37	264	157266	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	439677	144.44	ng	0.00
7) Phenol-d6	6.45	99	663321	158.29	ng	0.01
23) Nitrobenzene-d5	7.39	82	680909	156.94	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	178378	172.72	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	1084937	160.83	ng	0.01
78) Terphenyl-d14	12.92	244	1255218	179.25	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	118934	80.66	ng	99
3) Pyridine	3.04	79	318894	76.67	ng	99
4) n-Nitrosodimethylamine	2.99	42	184688	86.09	ng	97
6) Aniline	6.48	93	464190	74.68	ng	97
8) 2-Chlorophenol	6.60	128	265235	76.74	ng	# 81
9) Benzaldehyde	6.35	77	213202	73.85	ng	99
10) Phenol	6.46	94	422104	83.94	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	307126	86.28	ng	93
12) 1,3-Dichlorobenzene	6.75	146	271442	72.40	ng	95
13) 1,4-Dichlorobenzene	6.83	146	295898	77.51	ng	97
14) 1,2-Dichlorobenzene	6.83	146	295898	84.55	ng	96
15) Benzyl Alcohol	6.96	79	266743	80.25	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	580849	79.50	ng	96
17) 2-Methylphenol	7.07	107	234190	75.61	ng	97
18) Hexachloroethane	7.32	117	111440	76.86	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	221195	74.14	ng	99
20) 3+4-Methylphenols	7.23	107	252433	67.23	ng	98
22) Acetophenone	7.23	105	357443	69.93	ng	# 93
24) Nitrobenzene	7.40	77	309148	69.92	ng	95
25) Isophorone	7.65	82	637563	76.67	ng	98
26) 2-Nitrophenol	7.72	139	156487	84.32	ng	# 74
27) 2,4-Dimethylphenol	7.76	122	247712	69.58	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	396033	80.35	ng	98
29) 2,4-Dichlorophenol	7.96	162	234039	82.46	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	231396	73.53	ng	96
31) Naphthalene	8.12	128	780696	70.39	ng	99
32) Benzoic acid	7.90	122	193266	85.35	ng	97
33) 4-Chloroaniline	8.17	127	341893	74.58	ng	94
34) Hexachlorobutadiene	8.25	225	138279	77.23	ng	98
35) Caprolactam	8.57	113	79939	75.45	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	260675	76.25	ng	98
37) 2-Methylnaphthalene	8.82	142	531409	77.72	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	209509	71.53	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	139158	82.81	ng	98

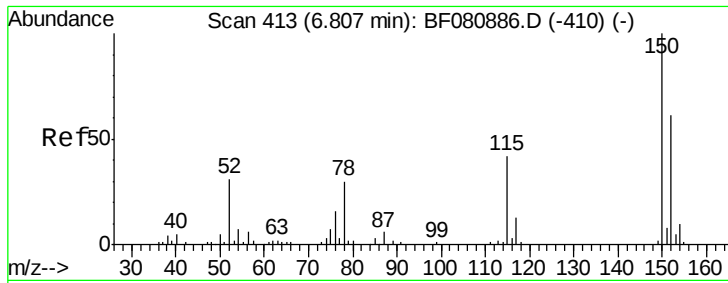
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	174725	80.86	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	149654	69.31	nq	# 82
45) 1,1'-Biphenyl	9.28	154	545977	67.12	nq	97
46) 2-Chloronaphthalene	9.30	162	443946	69.80	nq	93
47) 2-Nitroaniline	9.40	65	236188	91.31	nq	# 86
48) Acenaphthylene	9.72	152	884820	79.32	nq	99
49) Dimethylphthalate	9.58	163	576898	75.55	nq	99
50) 2,6-Dinitrotoluene	9.64	165	117626	71.84	nq	95
51) Acenaphthene	9.89	154	558343	82.38	nq	99
52) 3-Nitroaniline	9.81	138	157258	77.68	nq	97
53) 2,4-Dinitrophenol	9.92	184	89416	99.67	nq	# 85
54) Dibenzofuran	10.06	168	690580	75.22	nq	92
55) 4-Nitrophenol	9.97	139	137606	90.07	nq	# 74
56) 2,4-Dinitrotoluene	10.04	165	164142	74.52	nq	96
57) Fluorene	10.40	166	498106	69.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	147259	84.87	nq	96
59) Diethylphthalate	10.28	149	611614	73.53	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	263114	78.15	nq	# 85
61) 4-Nitroaniline	10.43	138	156261	75.26	nq	86
62) Azobenzene	10.56	77	774668	84.99	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	94862	72.19	nq	83
65) n-Nitrosodiphenylamine	10.52	169	518807	72.20	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	166931	76.16	nq	# 78
67) Hexachlorobenzene	10.94	284	154867	65.34	nq	# 70
68) Atrazine	11.05	200	160097	77.16	nq	97
69) Pentachlorophenol	11.14	266	116558	87.74	nq	98
70) Phenanthrene	11.36	178	742071	62.87	nq	98
71) Anthracene	11.41	178	893994	76.96	nq	99
72) Carbazole	11.56	167	740779	63.14	nq	98
73) Di-n-butylphthalate	11.90	149	1100985	76.97	nq	# 98
74) Fluoranthene	12.54	202	989507	76.68	nq	94
76) Benzidine	12.67	184	534530	88.63	nq	97
77) Pyrene	12.77	202	1015385	92.53	nq	100
79) Butylbenzylphthalate	13.39	149	430556	82.03	nq	# 82
80) Benzo(a)anthracene	13.95	228	785370	81.43	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	330848	91.62	nq	# 96
82) Chrysene	14.00	228	826939	89.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	567362	78.88	nq	# 99
84) Di-n-octyl phthalate	14.57	149	1149323	90.66	nq	96
85) Indeno(1,2,3-cd)pyrene	16.74	276	750877	83.65	nq	99
87) Benzo(b)fluoranthene	15.00	252	1515622	137.23	nq	# 96
88) Benzo(k)fluoranthene	15.00	252	1516157	161.92	nq	100
89) Benzo(a)pyrene	15.31	252	747268	78.51	nq	# 96
90) Dibenzo(a,h)anthracene	16.76	278	612719	74.69	nq	97
91) Benzo(g,h,i)perylene	17.15	276	596968	75.06	nq	98

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

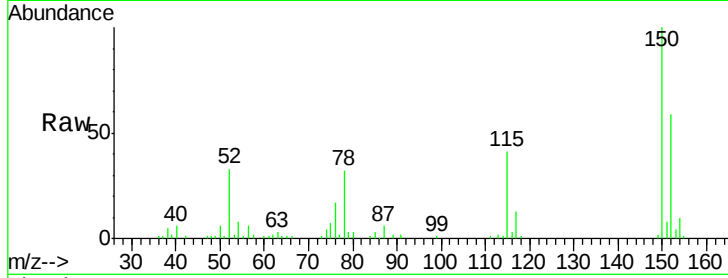


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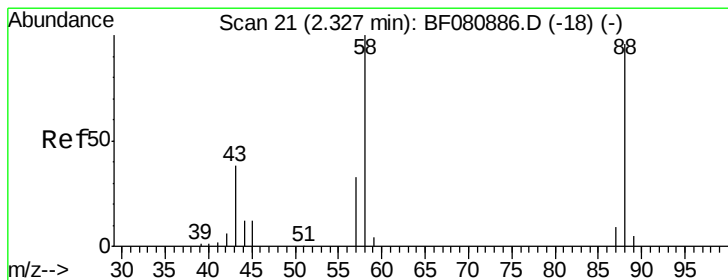
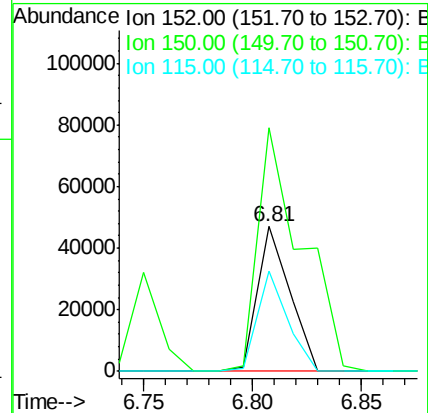
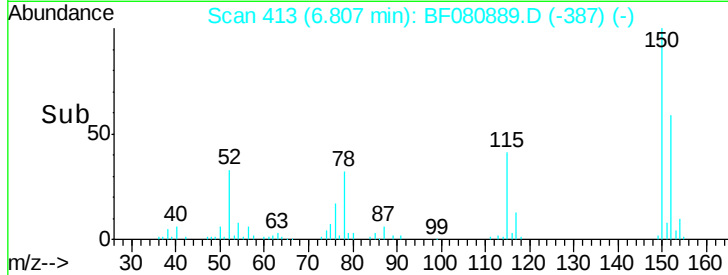
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 48526
Ion Ratio Lower Upper
152 100
150 168.3 132.2 198.2
115 69.3 54.9 82.3



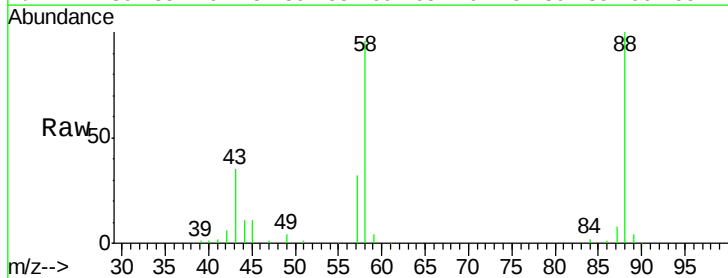
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



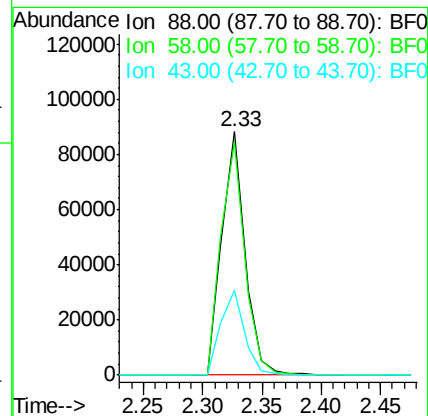
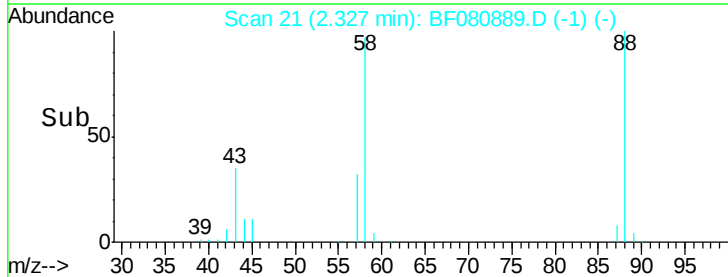
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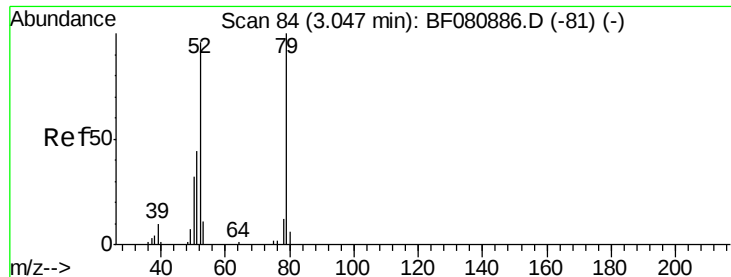
1,4-Dioxane
Concen: 80.66 ng
RT: 2.33 min Scan# 21
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion: 88 Resp: 118934
Ion Ratio Lower Upper
88 100
58 98.3 78.2 117.4
43 35.4 29.1 43.7



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: 76.67 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

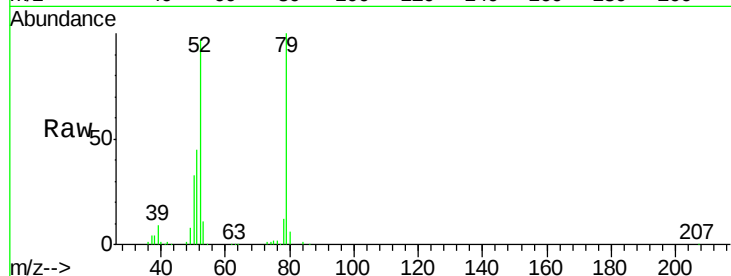
Tot Ion: 79 Resp: 318894

Ion Ratio Lower Upper

79 100

52 97.1 76.7 115.1

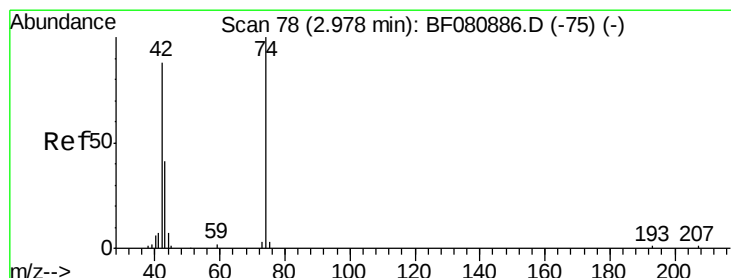
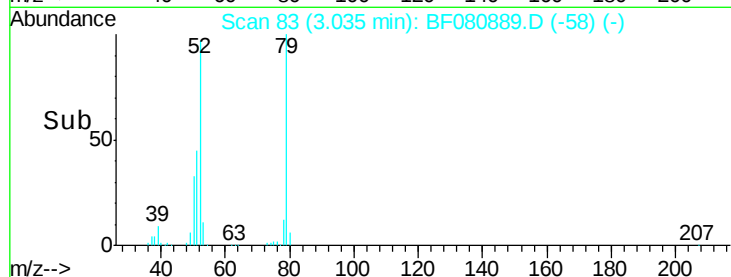
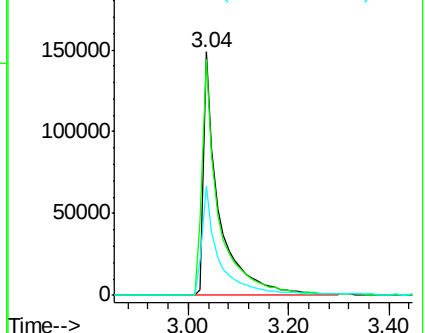
51 45.1 35.8 53.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 86.09 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

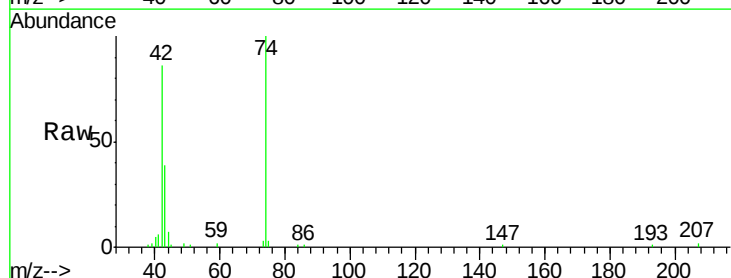
Tgt Ion: 42 Resp: 184688

Ion Ratio Lower Upper

42 100

74 116.8 90.6 135.8

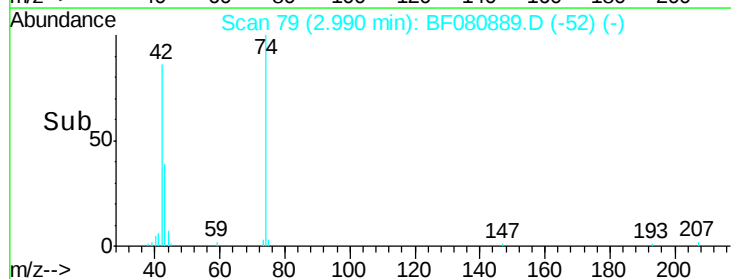
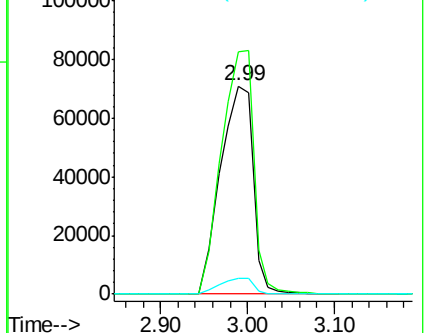
44 7.8 6.6 10.0

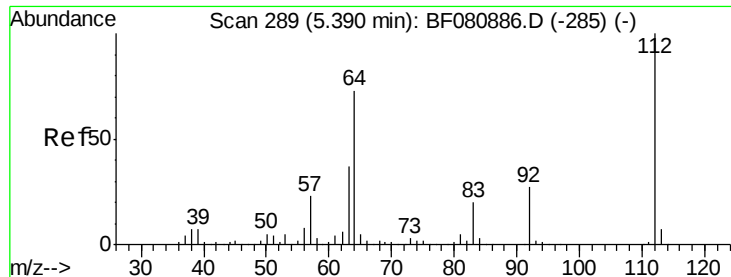


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 144.44 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080889.D

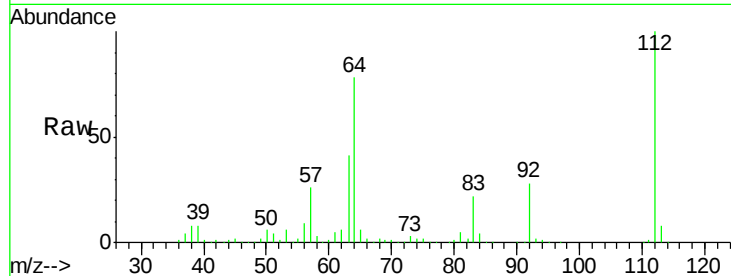
Acq: 6 Aug 2015 14:16

Instrument :

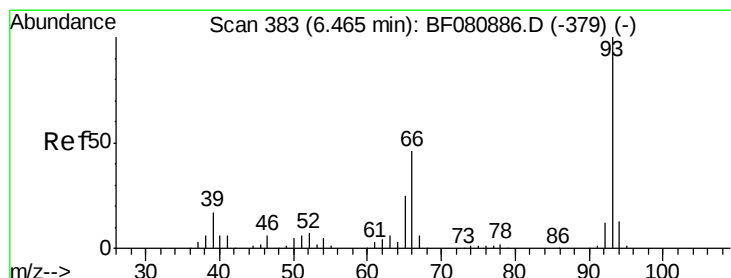
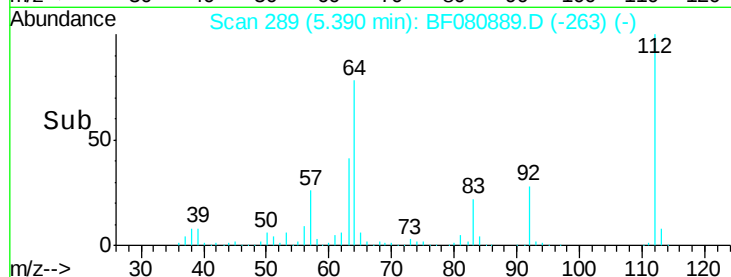
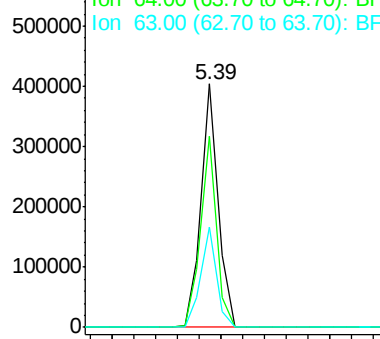
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	439677
Ion	Ratio	Lower	Upper
112	100		
64	78.3	58.0	87.0
63	41.1	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 74.68 ng

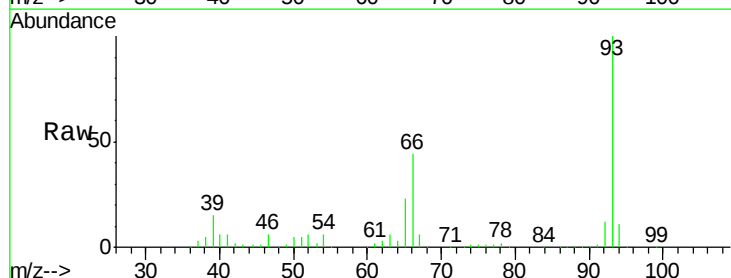
RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

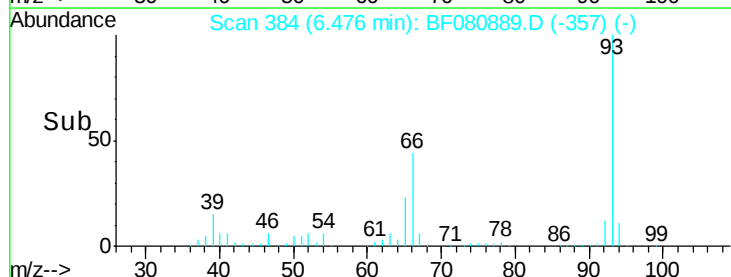
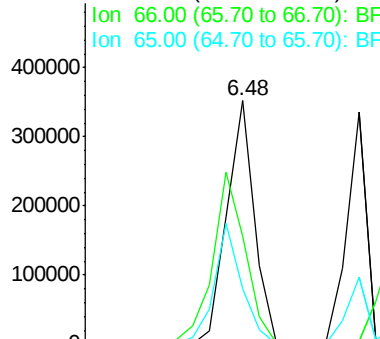
Lab File: BF080889.D

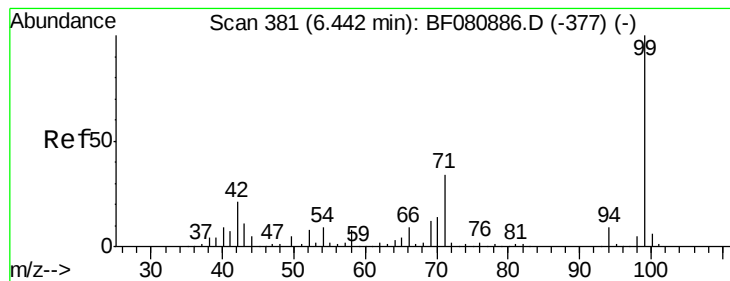
Acq: 6 Aug 2015 14:16

Tgt Ion:	93	Resp:	464190
Ion	Ratio	Lower	Upper
93	100		
66	44.4	37.4	56.0
65	22.9	19.8	29.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 158.29 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

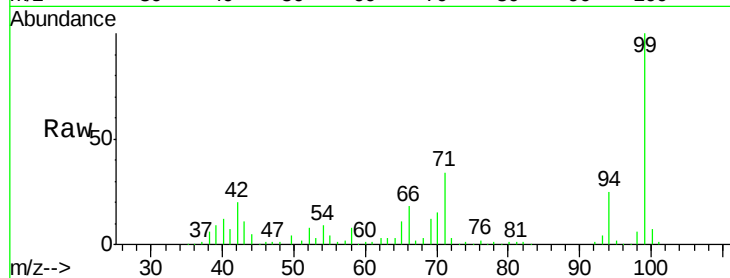
Tot Ion: 99 Resp: 663321

Ion Ratio Lower Upper

99 100

42 20.4 16.8 25.2

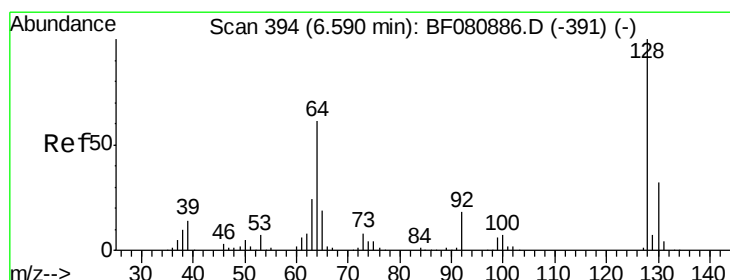
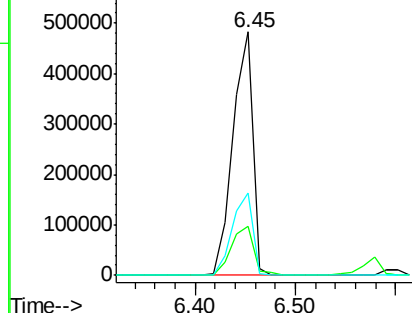
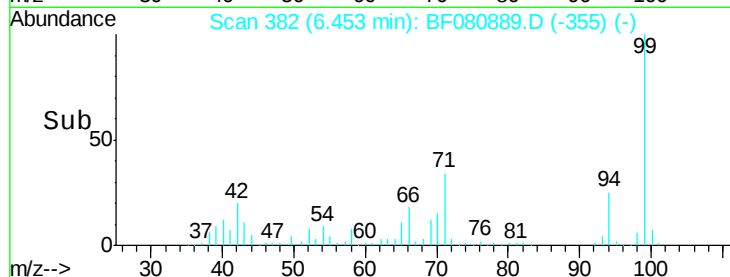
71 33.7 27.4 41.0



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: 76.74 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

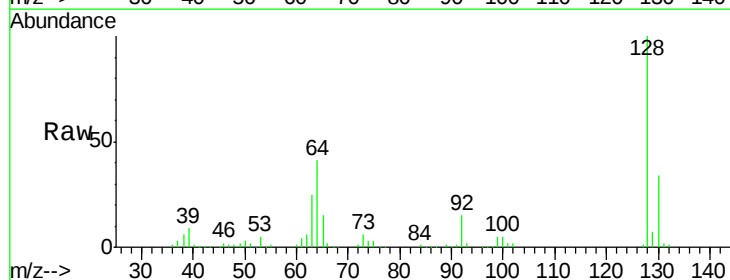
Tgt Ion: 128 Resp: 265235

Ion Ratio Lower Upper

128 100

130 34.5 12.1 52.1

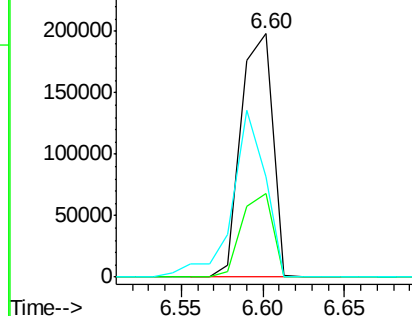
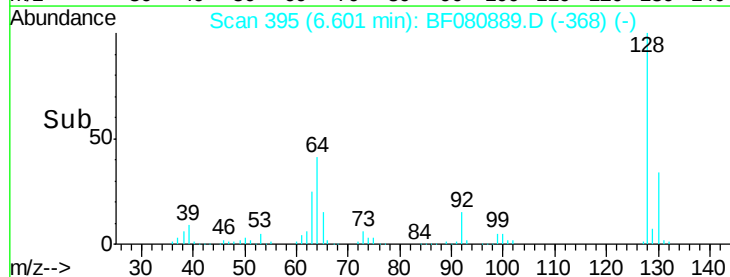
64 41.1 41.3 81.3#

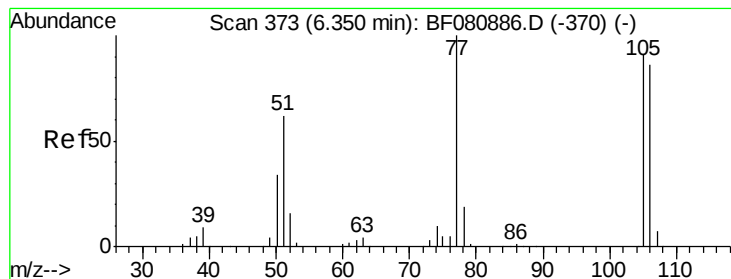


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 73.85 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

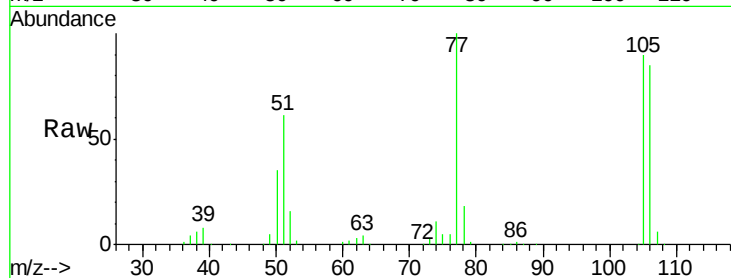
Tot Ion: 77 Resp: 213202

Ion Ratio Lower Upper

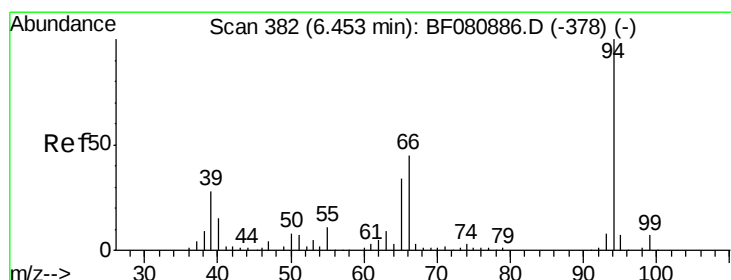
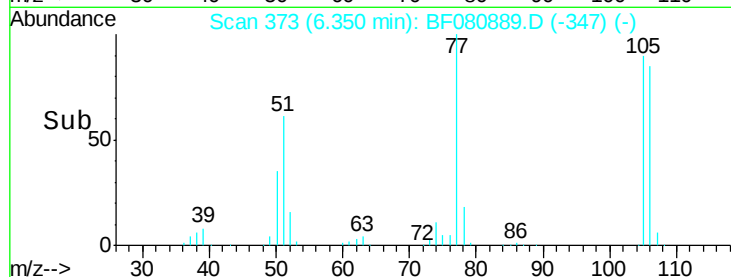
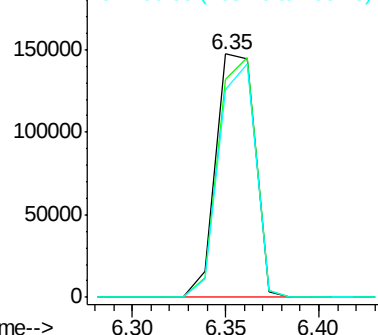
77 100

105 89.8 70.7 110.7

106 85.2 66.1 106.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 83.94 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

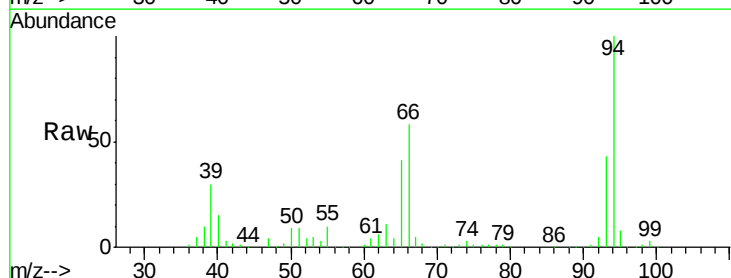
Tgt Ion: 94 Resp: 422104

Ion Ratio Lower Upper

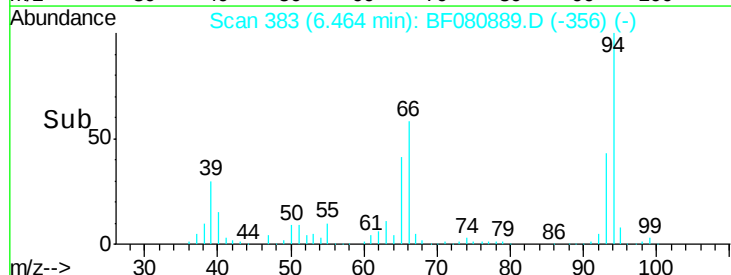
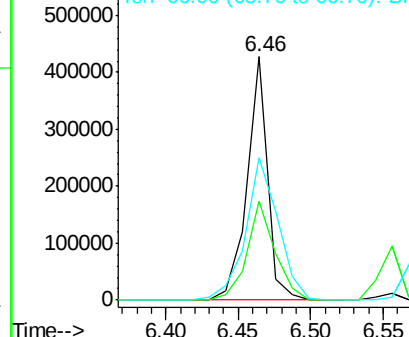
94 100

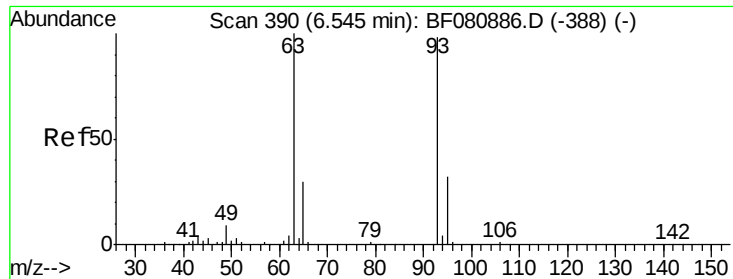
65 40.7 14.0 54.0

66 58.3 24.6 64.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

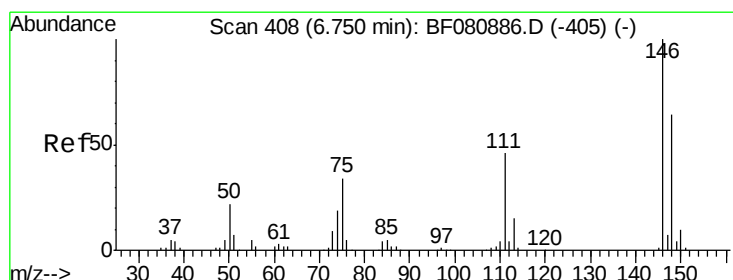
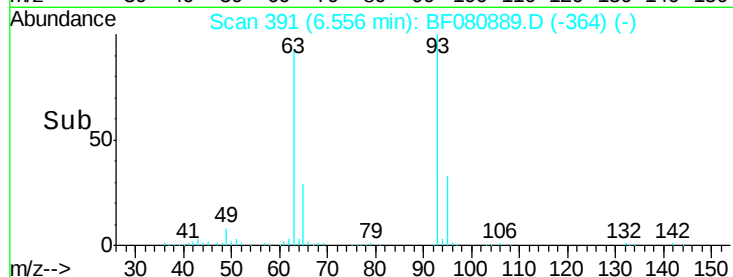
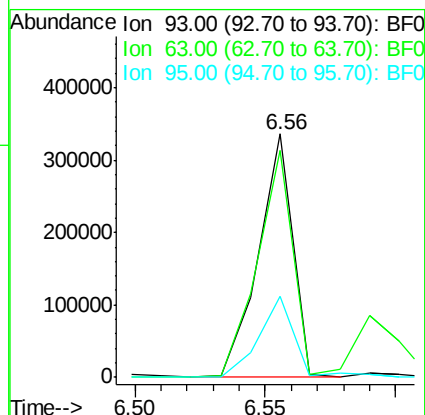
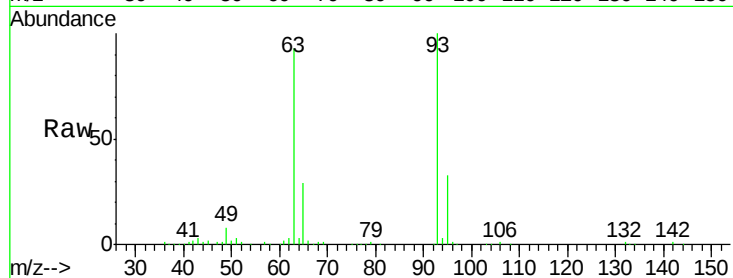




#11
bis(2-Chloroethyl)ether
Concen: 86.28 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

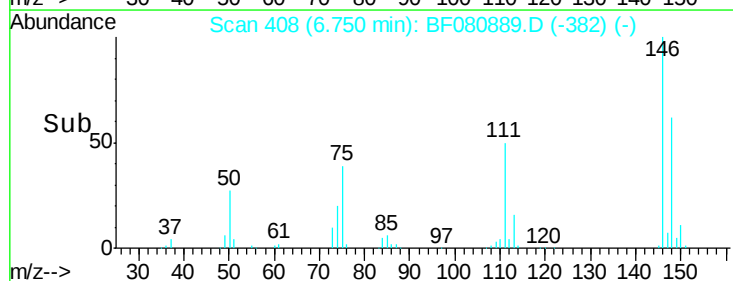
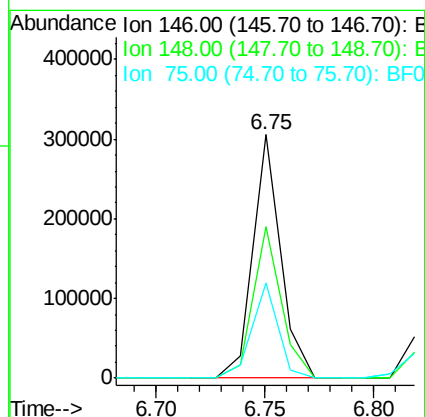
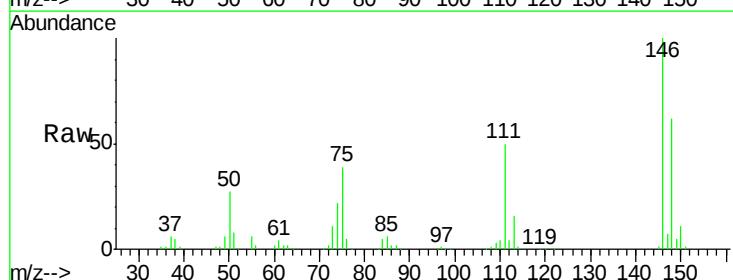
Instrument :
BNA_F
ClientSampleId :

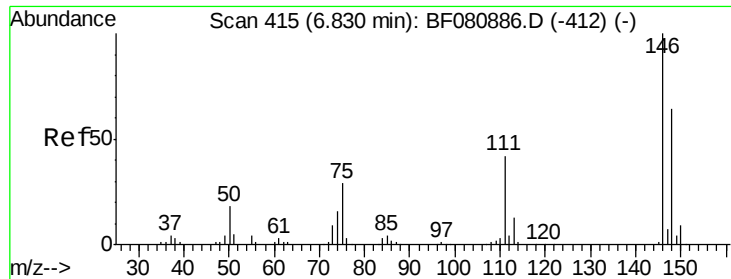
Tot Ion: 93 Resp: 307126
Ion Ratio Lower Upper
93 100
63 93.2 81.4 121.4
95 33.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 72.40 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion: 146 Resp: 271442
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 39.1 27.0 40.4

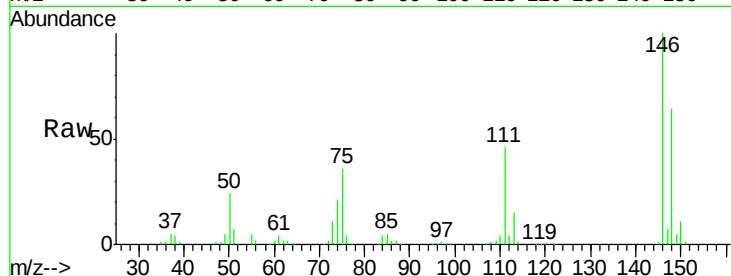




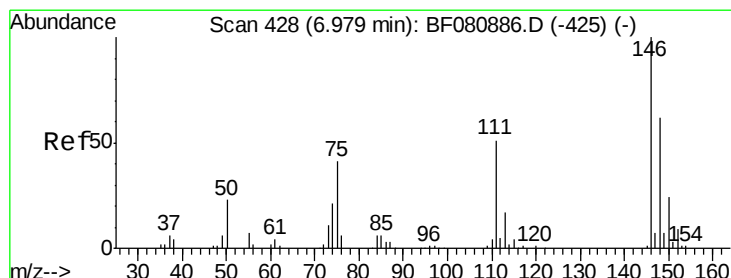
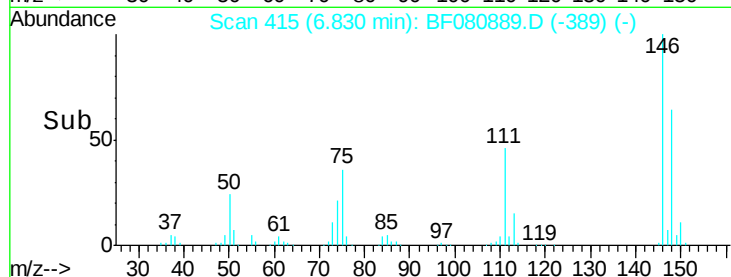
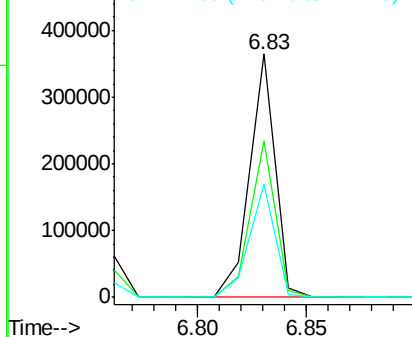
#13
 1,4-Dichlorobenzene
 Concen: 77.51 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	46.4	33.8	50.6

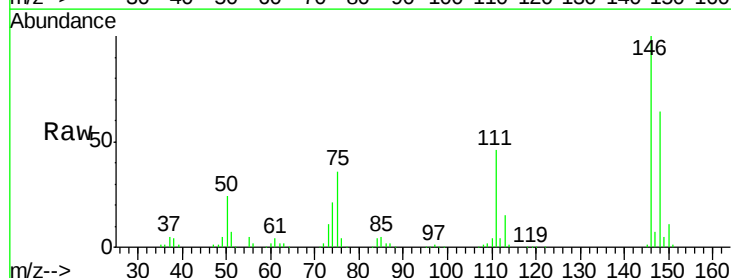


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

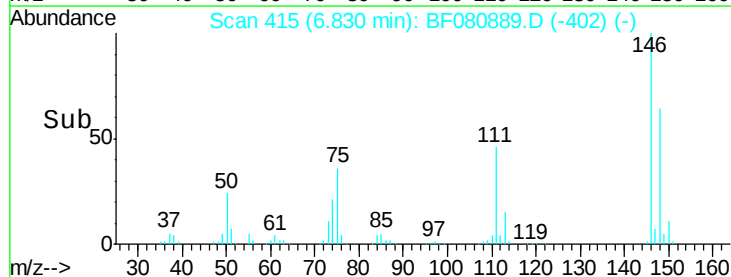
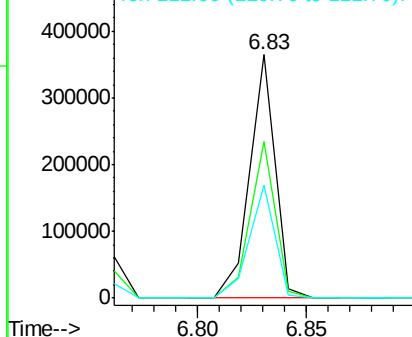


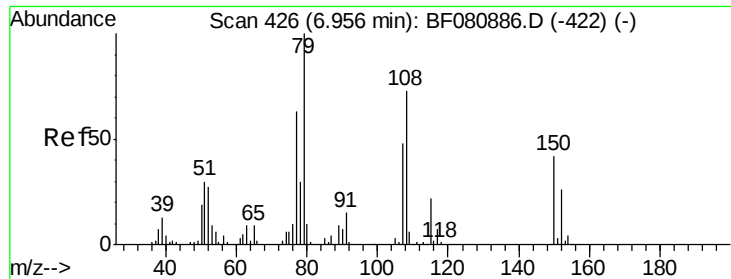
#14
 1,2-Dichlorobenzene
 Concen: 84.55 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.15 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.0	75.0
111	46.4	41.0	61.6



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





#15

Benzyl Alcohol

Concen: 80.25 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampled :

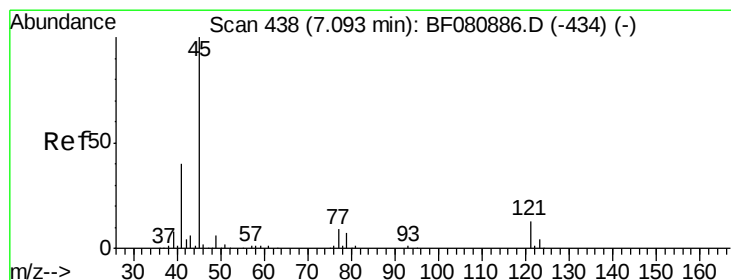
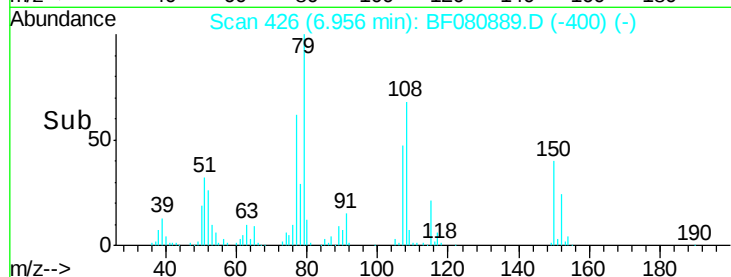
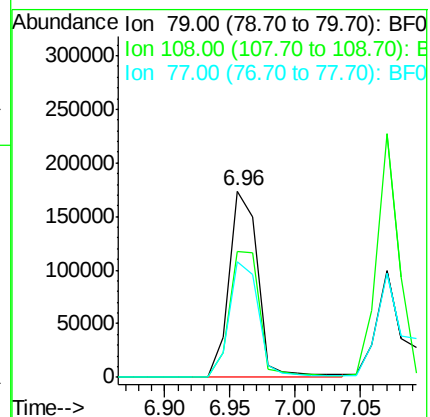
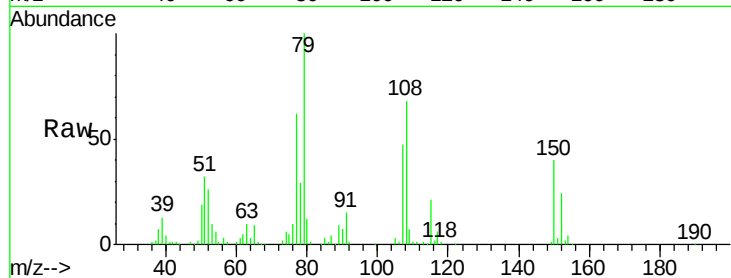
Tot Ion: 79 Resp: 266743

Ion Ratio Lower Upper

79 100

108 67.8 58.2 87.2

77 61.7 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 79.50 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

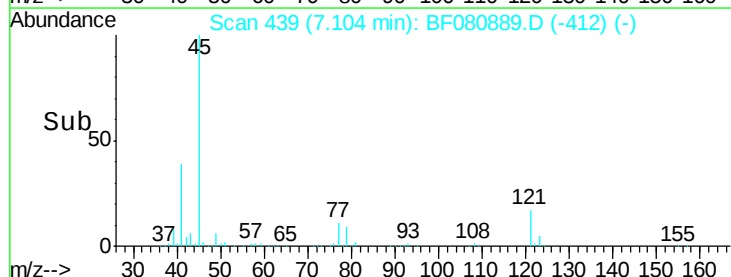
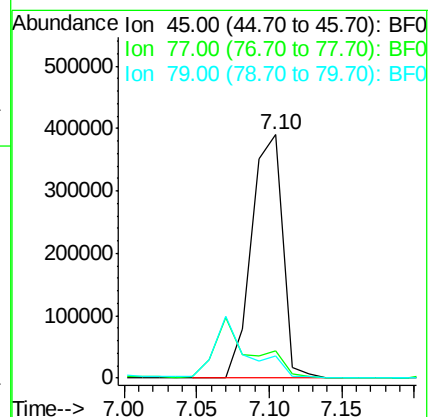
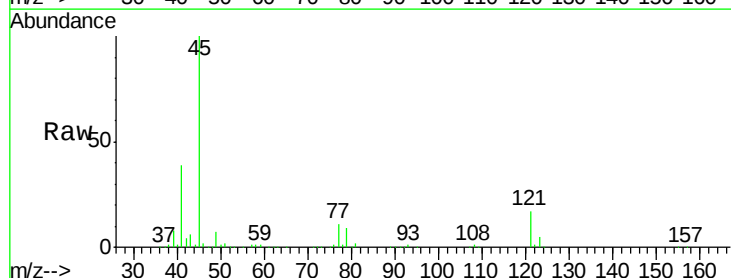
Tgt Ion: 45 Resp: 580849

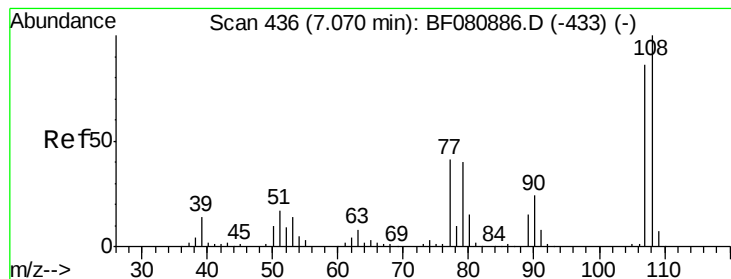
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.1

79 9.3 0.0 27.6

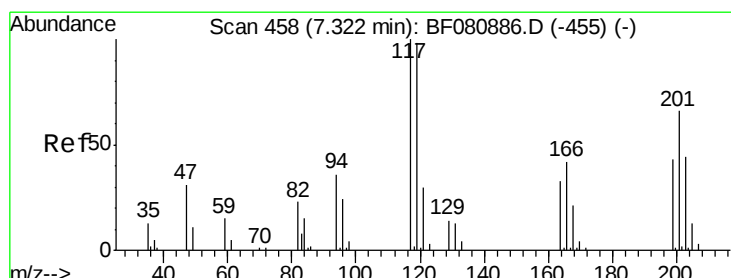
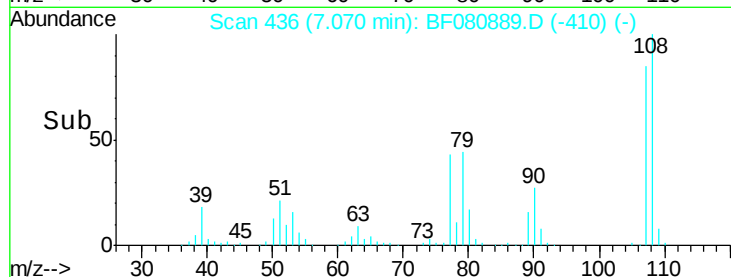
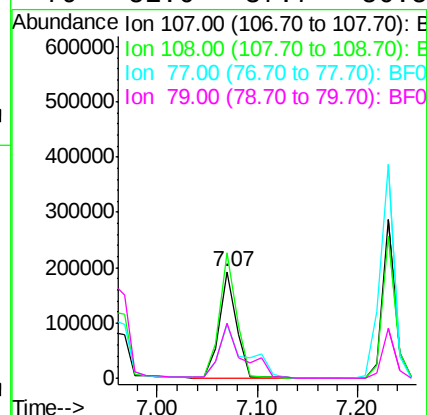
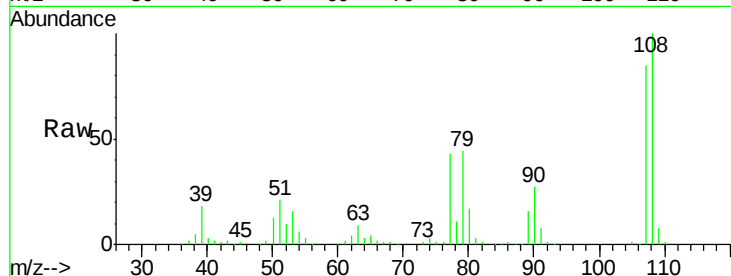




#17
2-Methylphenol
Concen: 75.61 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

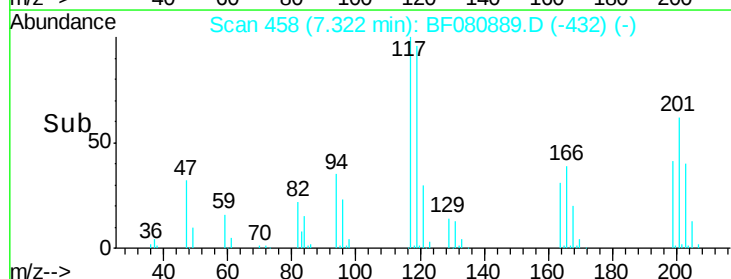
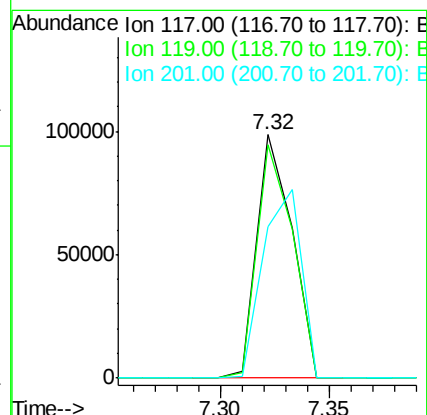
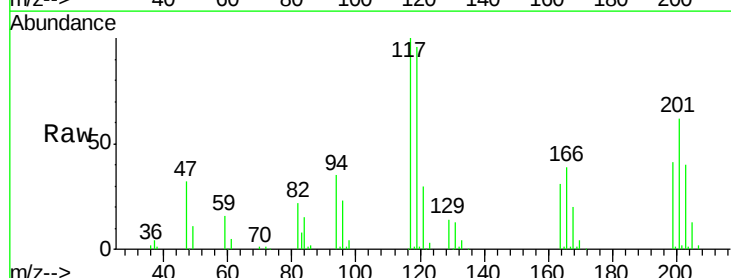
Instrument :
BNA_F
ClientSampled :

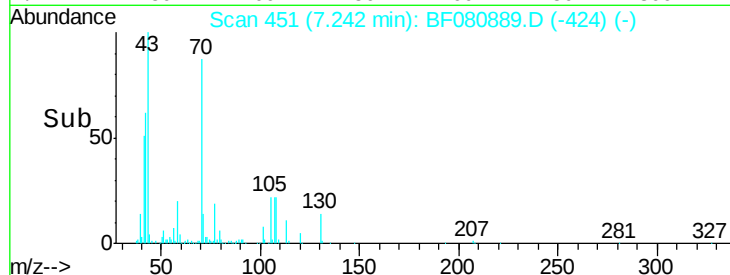
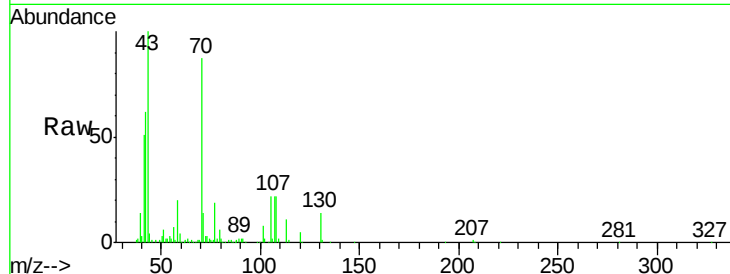
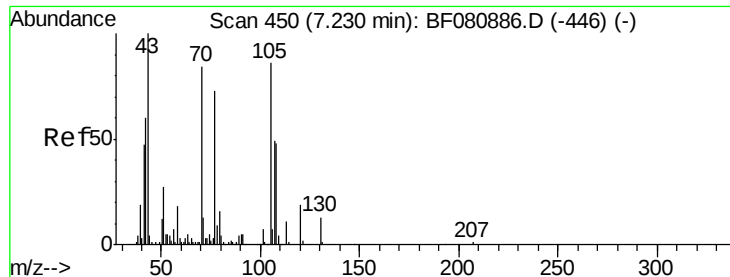
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.8	93.1	139.7
77	50.5	38.2	57.2
79	51.6	37.7	56.5



#18
Hexachloroethane
Concen: 76.86 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.4	117.6
201	62.2	53.1	79.7

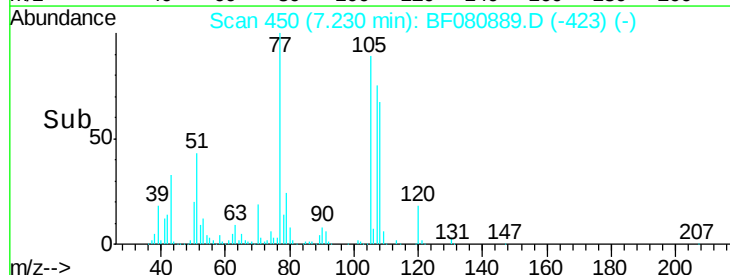
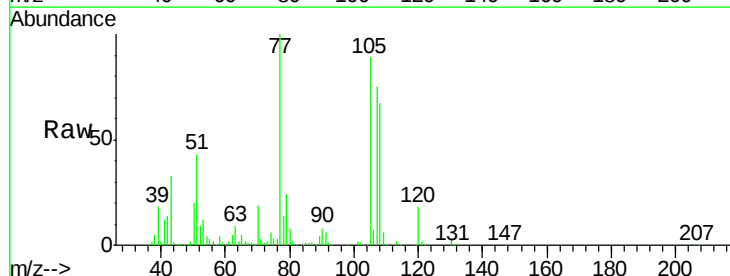
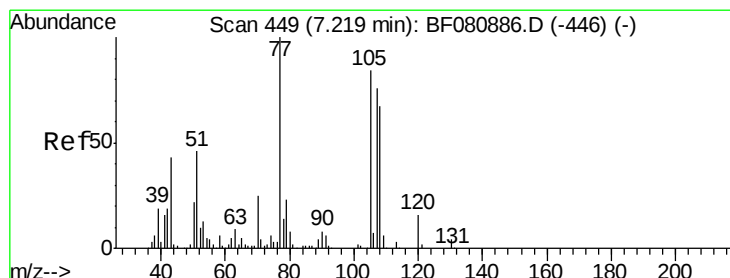
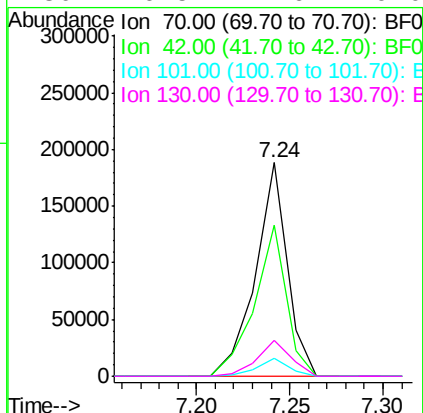




#19
n-Nitroso-di-n-propylamine
Concen: 74.14 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

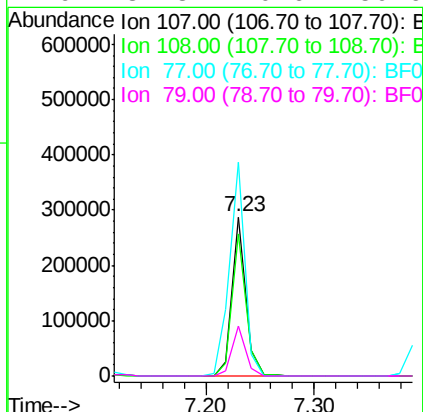
Instrument :
BNA_F
ClientSampled :

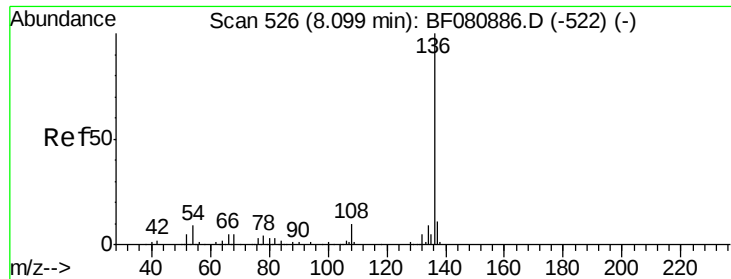
Tot Ion:	70	Resp:	221195
Ion	Ratio	Lower	Upper
70	100		
42	70.9	57.2	85.8
101	8.6	6.6	9.8
130	16.5	12.6	19.0



#20
3+4-Methylphenols
Concen: 67.23 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:	107	Resp:	252433
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.3	107.3
77	134.2	111.2	151.2
79	31.8	10.6	50.6

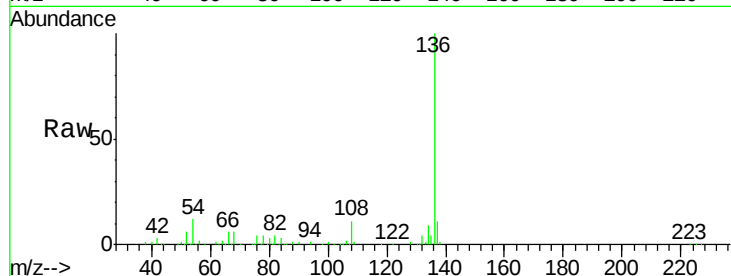




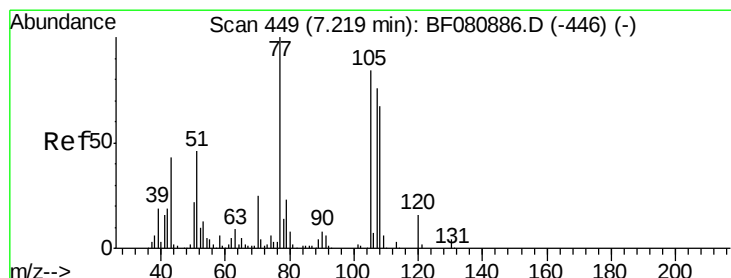
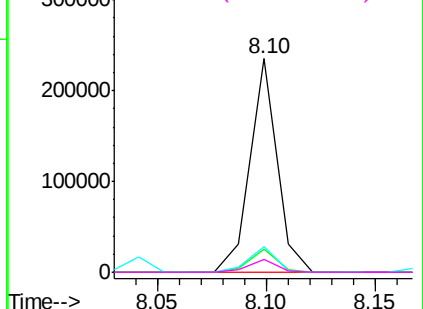
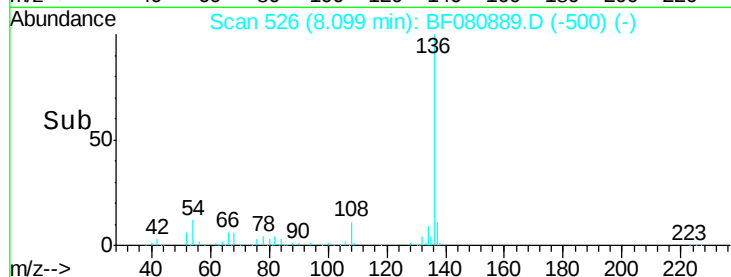
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	204389
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	12.1	7.5 11.3#
68	6.2	4.2 6.2

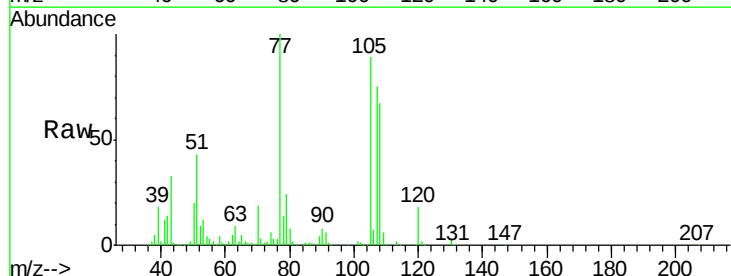


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

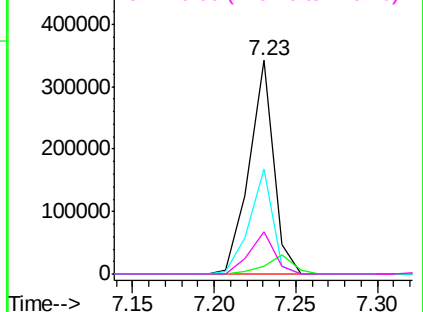
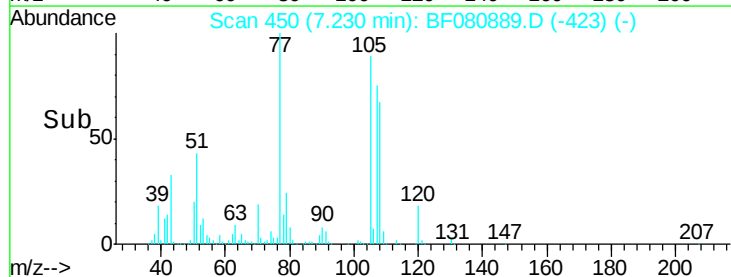


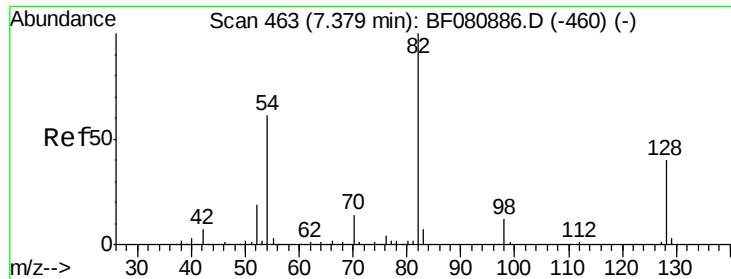
#22
Acetophenone
Concen: 69.93 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:105	Resp:	357443
Ion Ratio	Lower	Upper
105	100	
71	3.6	3.8 5.8#
51	49.1	44.2 66.4
120	20.0	15.4 23.0



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

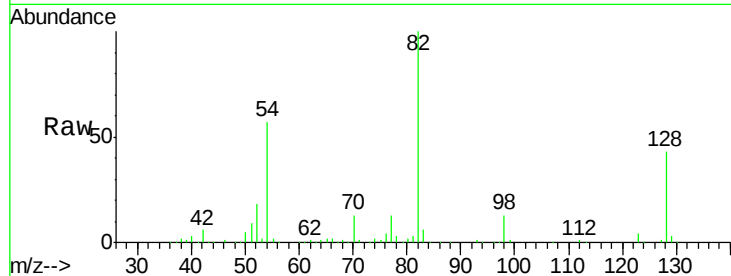




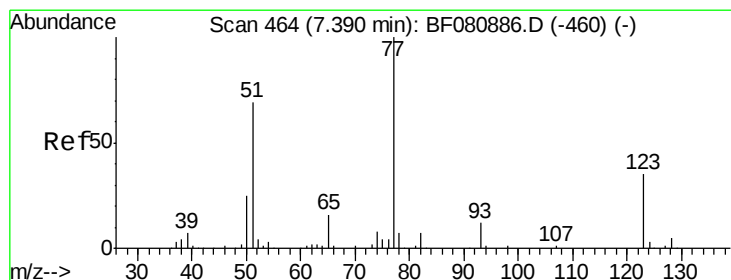
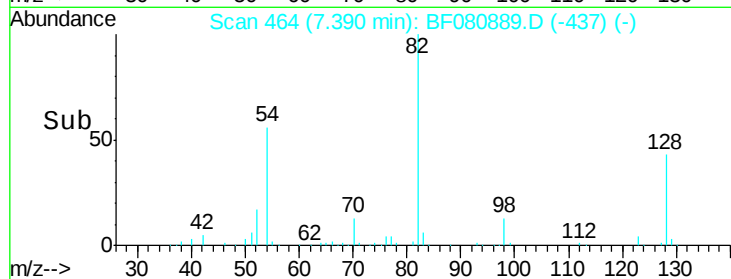
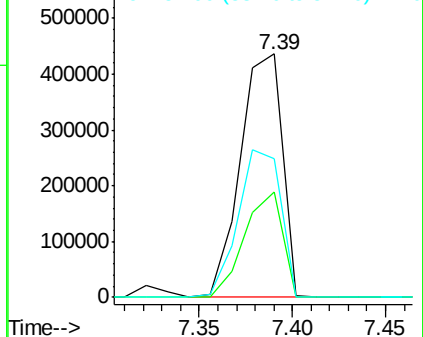
#23
 Nitrobenzene-d5
 Concen: 156.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	680909
Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.8	47.6
54	57.1	48.6	72.8

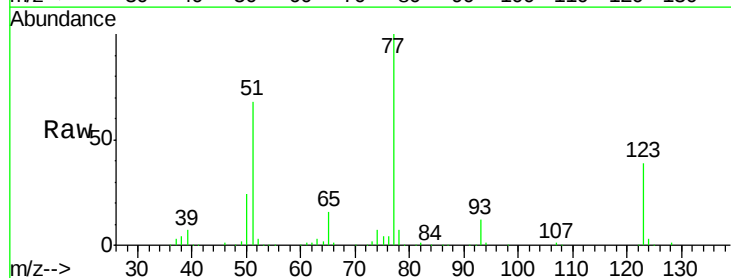


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

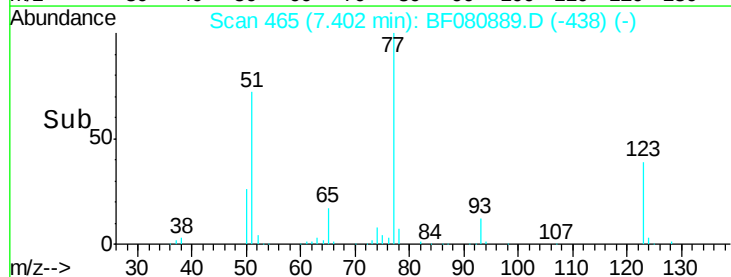
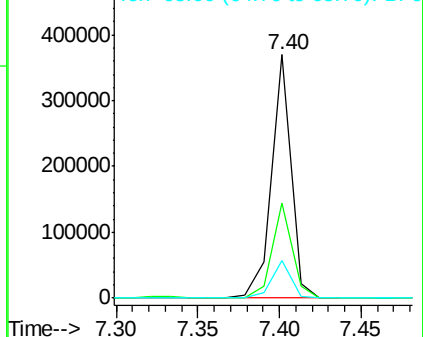


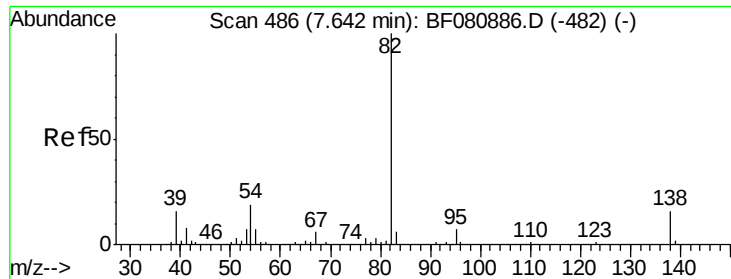
#24
 Nitrobenzene
 Concen: 69.92 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion	77	Resp	309148
Ion	Ratio	Lower	Upper
77	100		
123	39.2	28.3	42.5
65	15.6	12.5	18.7



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: 76.67 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

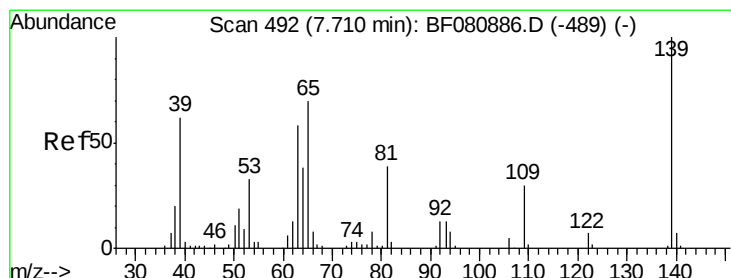
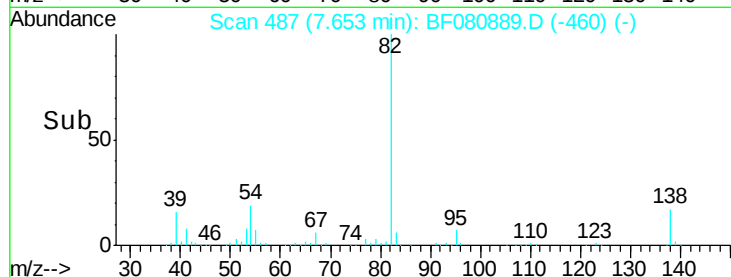
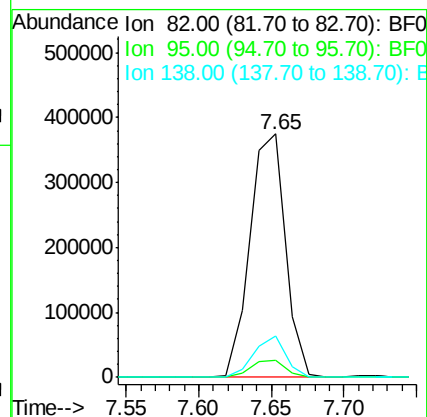
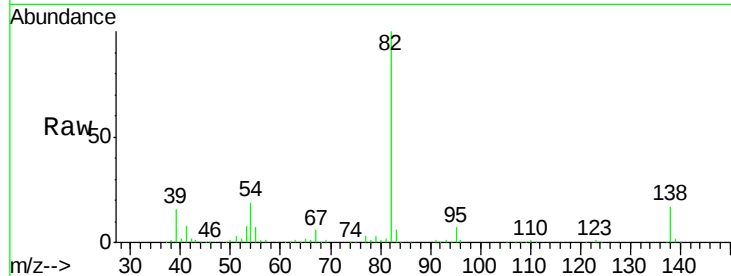
Tot Ion: 82 Resp: 637563

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 17.2 13.0 19.6



#26

2-Nitrophenol

Concen: 84.32 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

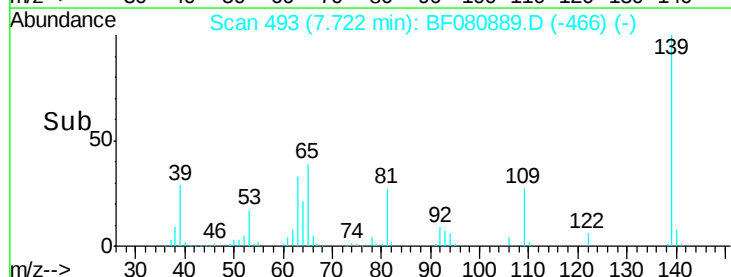
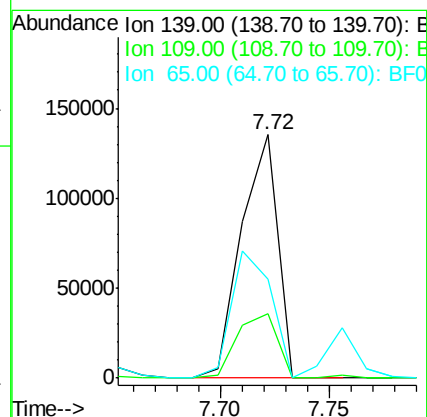
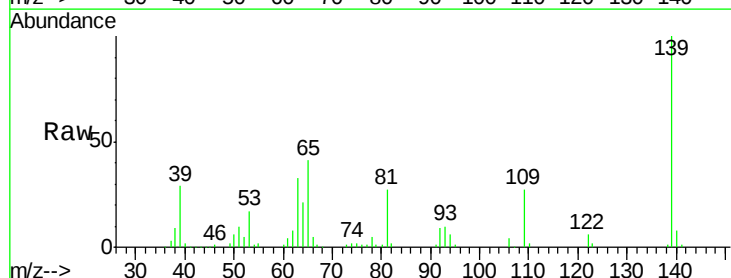
Tgt Ion: 139 Resp: 156487

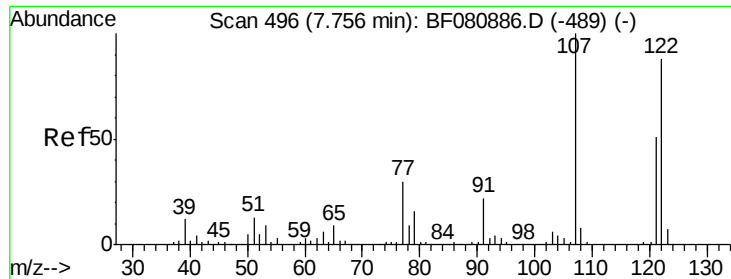
Ion Ratio Lower Upper

139 100

109 26.7 24.2 36.4

65 40.9 55.6 83.4#

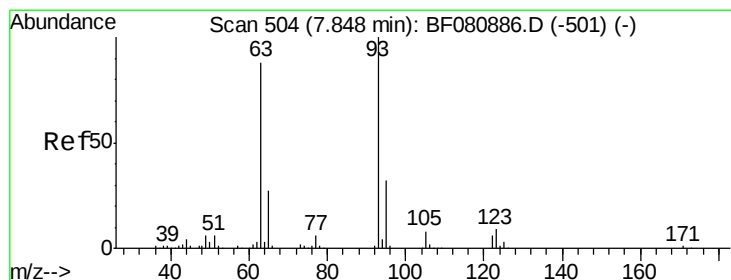
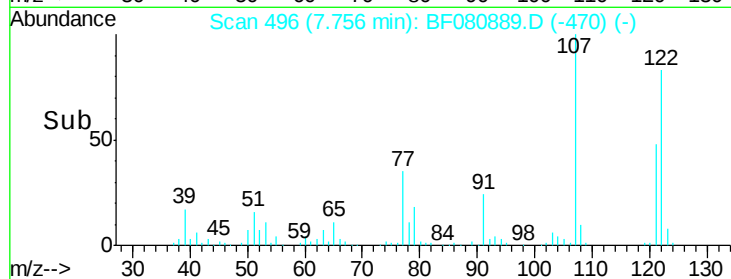
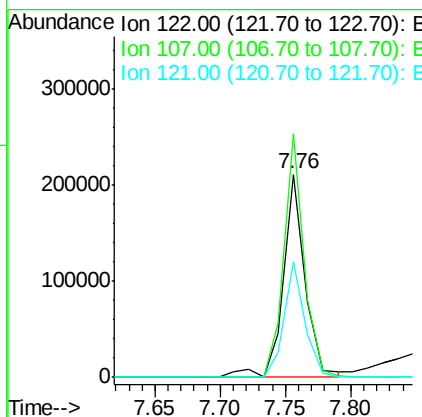
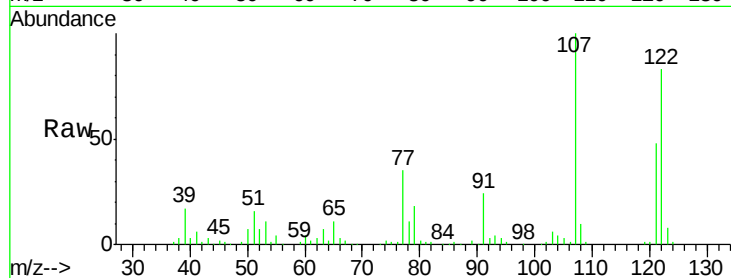




#27
 2,4-Dimethylphenol
 Concen: 69.58 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

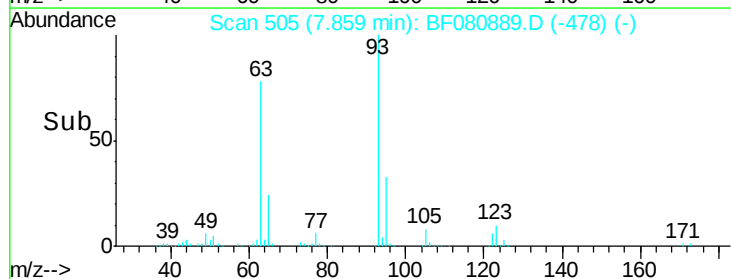
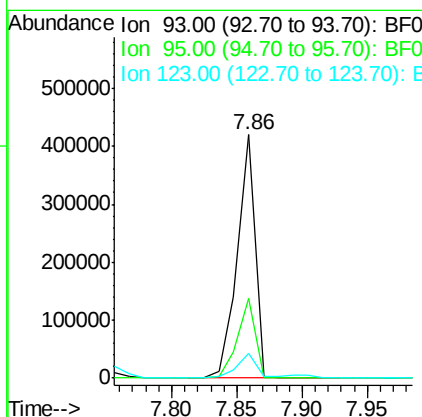
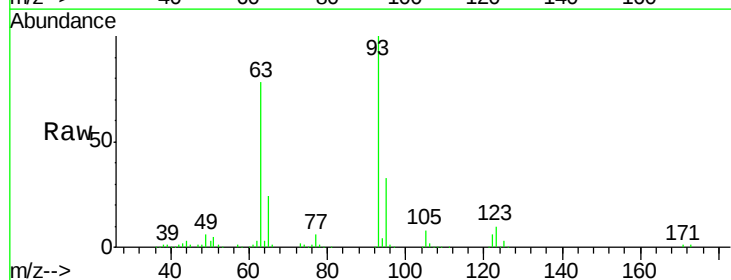
Instrument :
 BNA_F
 ClientSampleId :

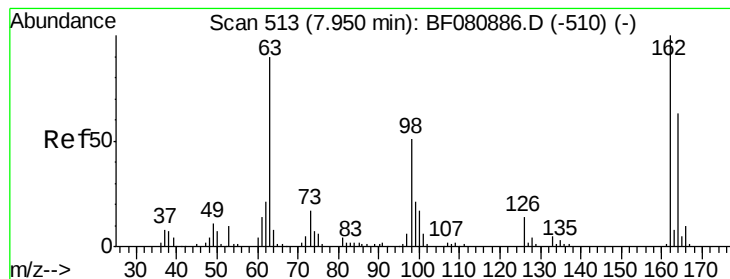
Tot Ion:122 Resp: 247712
 Ion Ratio Lower Upper
 122 100
 107 120.0 91.1 136.7
 121 57.0 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 80.35 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion: 93 Resp: 396033
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.5 38.3
 123 10.2 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 82.46 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

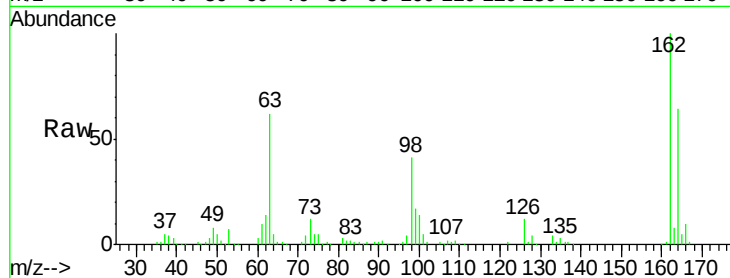
Tot Ion:162 Resp: 234039

Ion Ratio Lower Upper

162 100

164 64.3 43.4 83.4

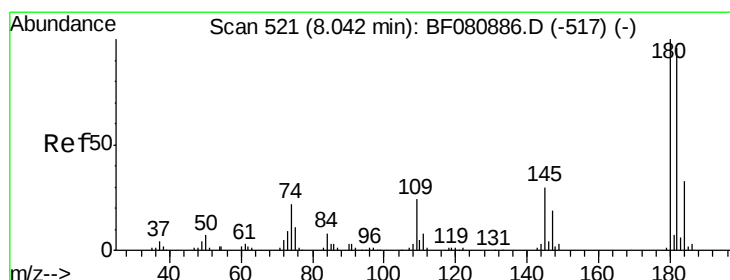
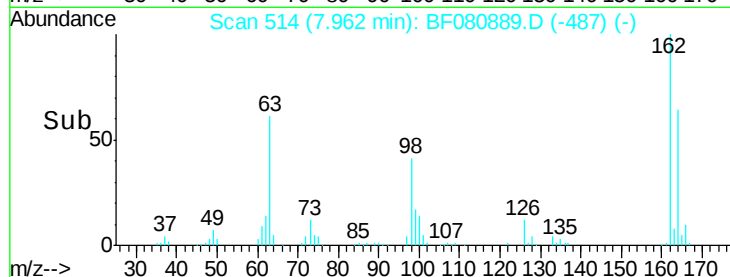
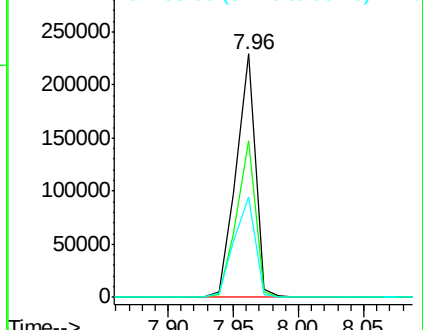
98 41.3 30.9 70.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 73.53 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

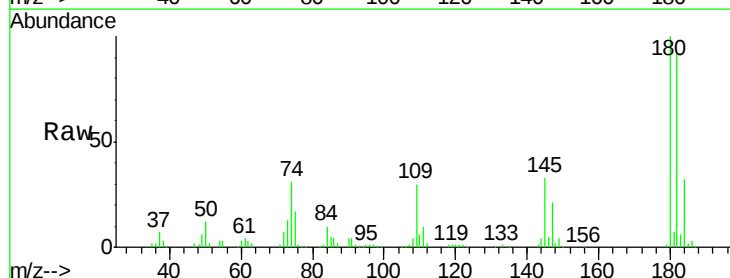
Tgt Ion:180 Resp: 231396

Ion Ratio Lower Upper

180 100

182 91.9 76.8 115.2

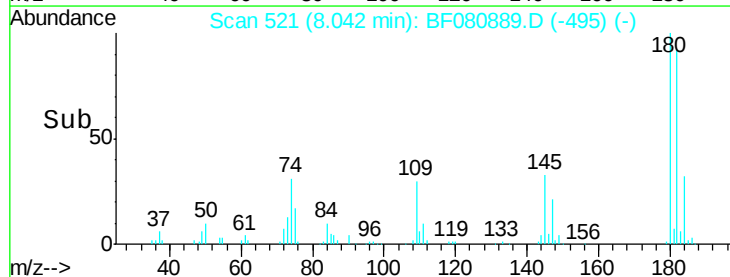
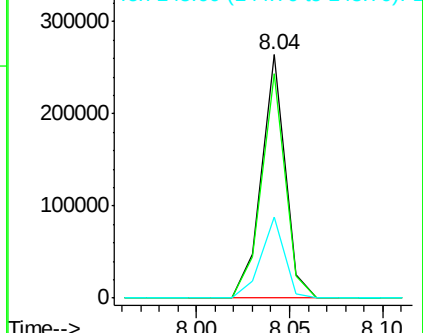
145 33.2 24.2 36.2

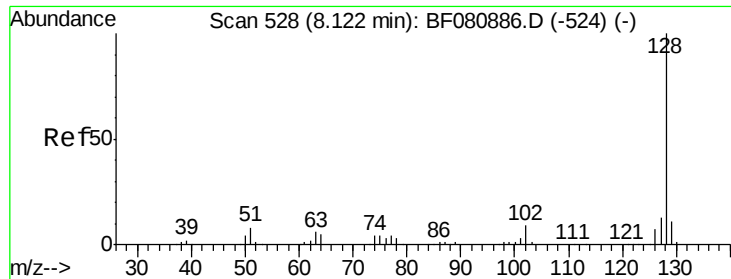


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

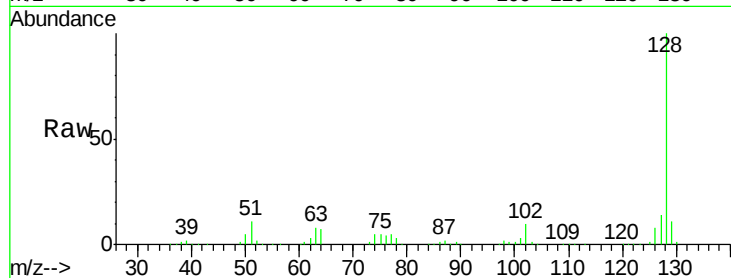




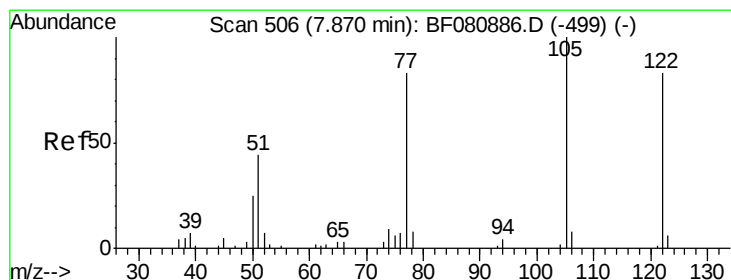
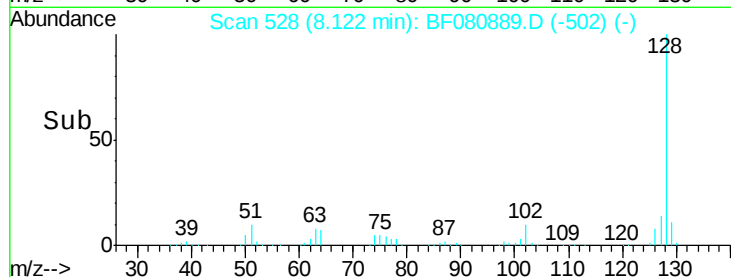
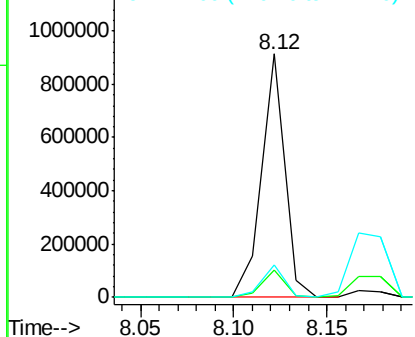
#31
Naphthalene
Concen: 70.39 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 780696
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.6 15.8

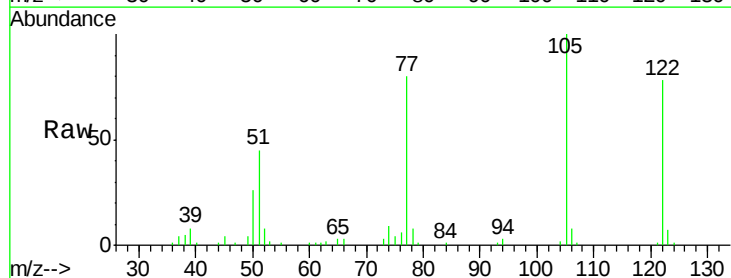


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

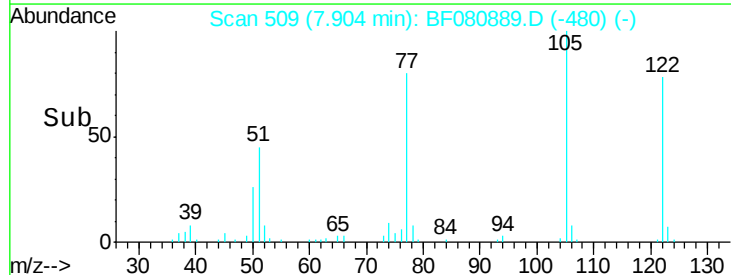
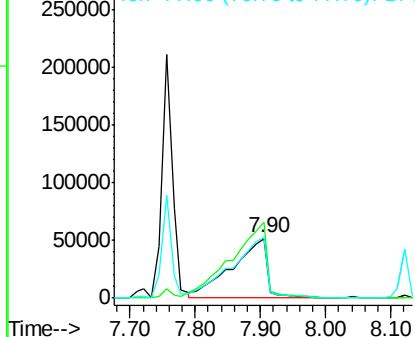


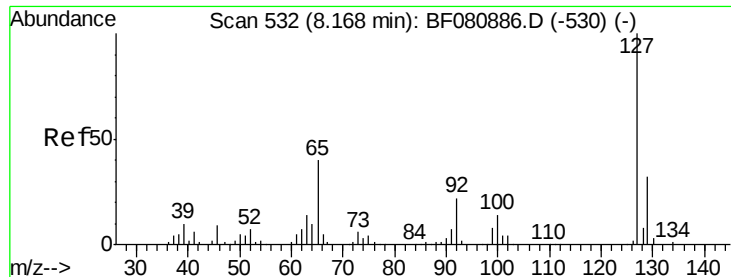
#32
Benzoic acid
Concen: 85.35 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.03 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:122 Resp: 193266
Ion Ratio Lower Upper
122 100
105 127.6 101.6 141.6
77 102.0 80.9 120.9



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

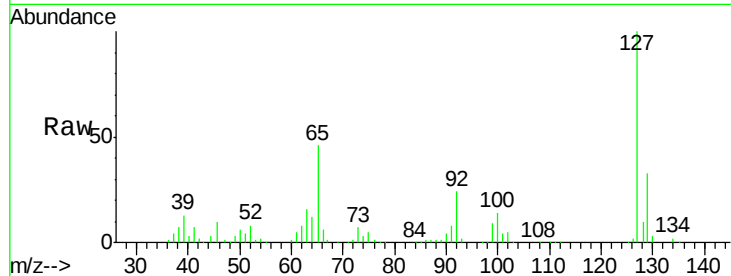




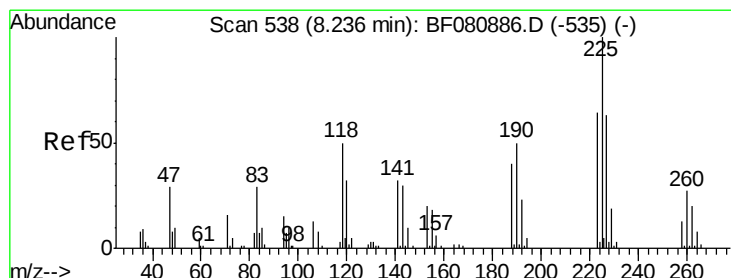
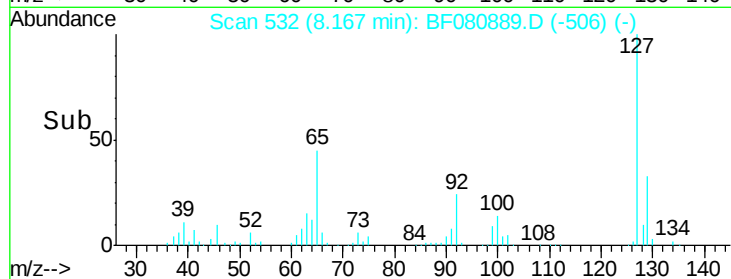
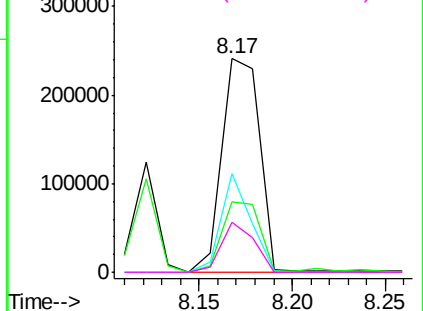
#33
4-Chloroaniline
Concen: 74.58 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	341893
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	46.1	31.7	47.5
92	23.5	17.6	26.4

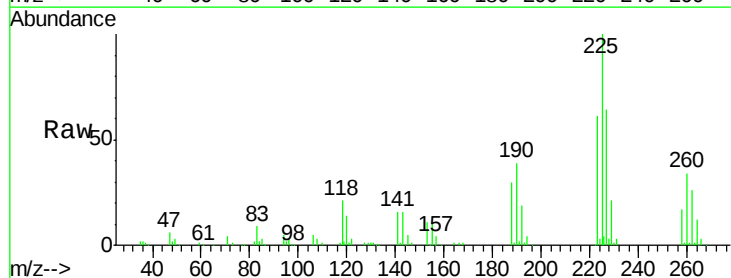


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

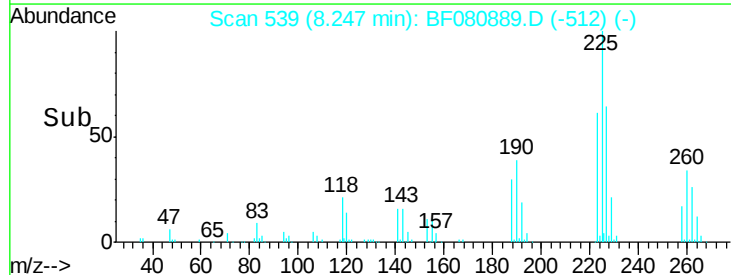
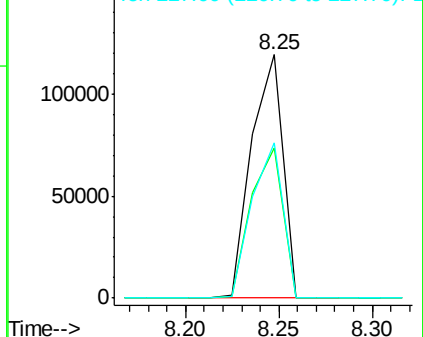


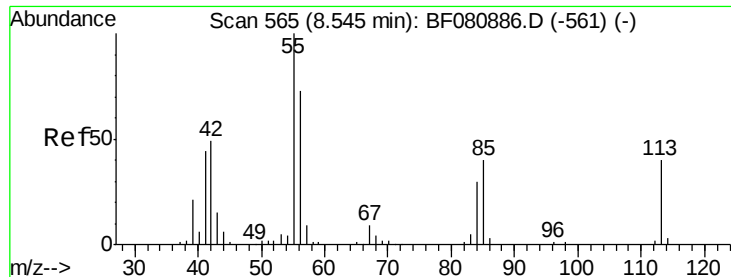
#34
Hexachlorobutadiene
Concen: 77.23 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:	225	Resp:	138279
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.2	76.8
227	63.8	50.4	75.6



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

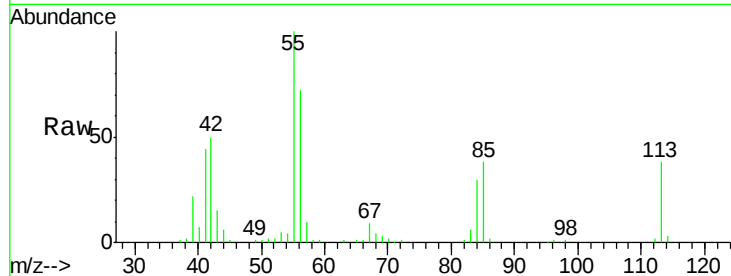




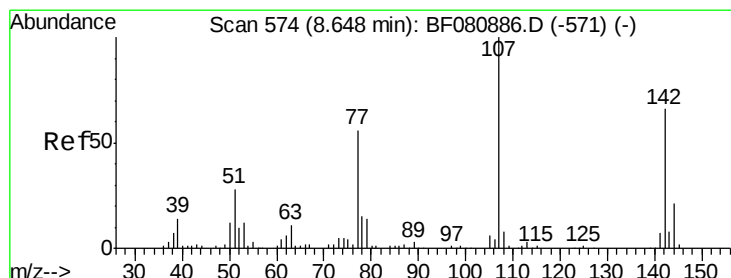
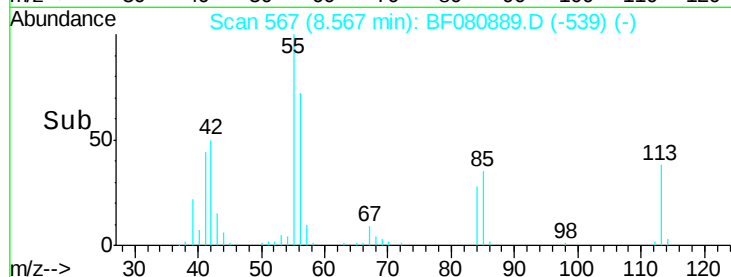
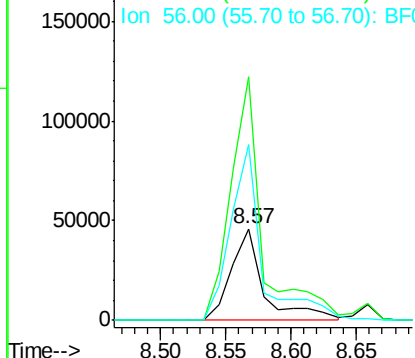
#35
 Caprolactam
 Concen: 75.45 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 79939
 Ion Ratio Lower Upper
 113 100
 55 266.5 228.4 268.4
 56 192.9 161.5 201.5

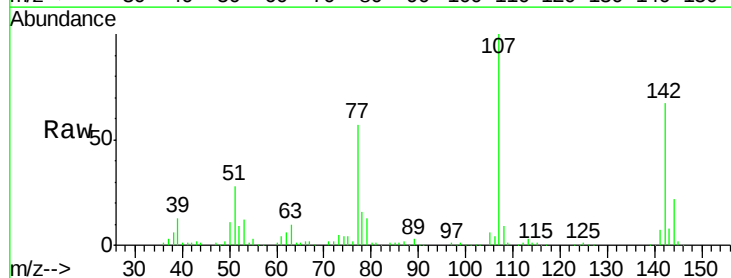


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

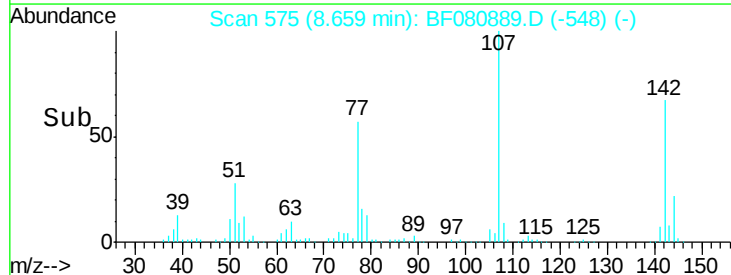
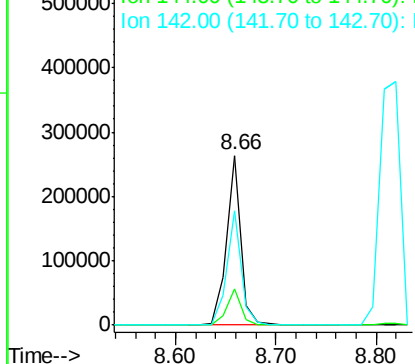


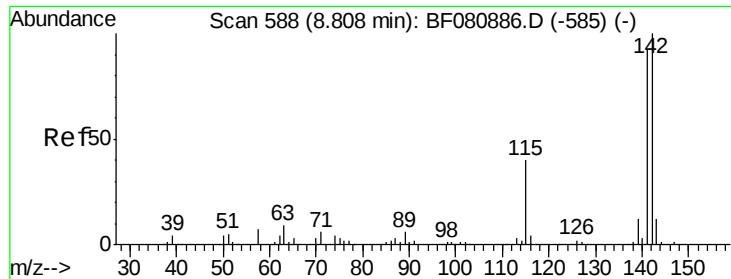
#36
 4-Chloro-3-methylphenol
 Concen: 76.25 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:107 Resp: 260675
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.0 25.6
 142 67.2 52.6 78.8



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

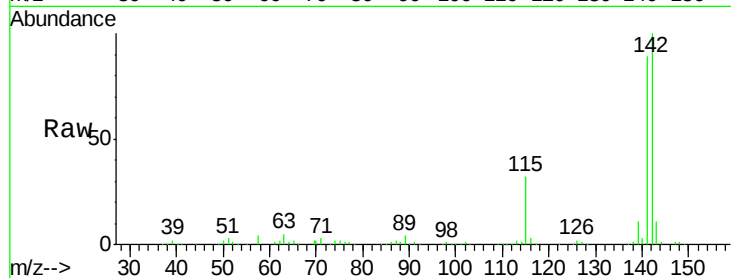




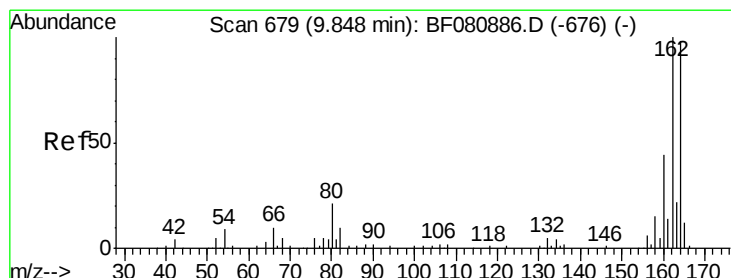
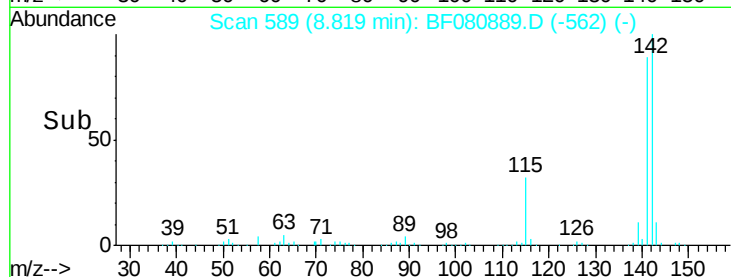
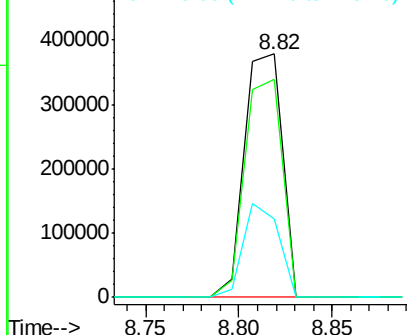
#37
2-Methylnaphthalene
Concen: 77.72 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 531409
Ion Ratio Lower Upper
142 100
141 89.4 73.5 110.3
115 32.3 32.1 48.1

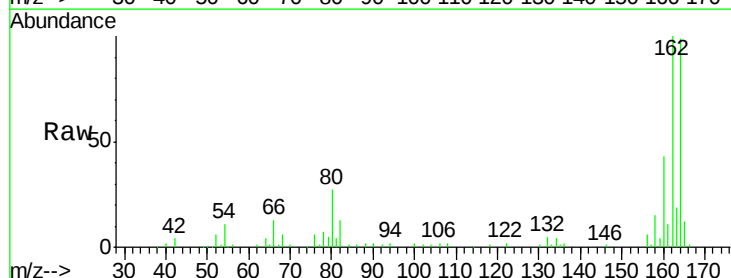


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

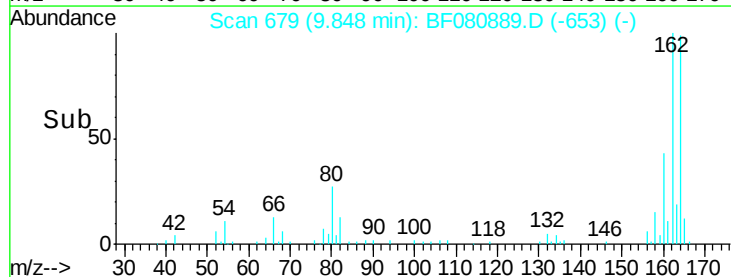
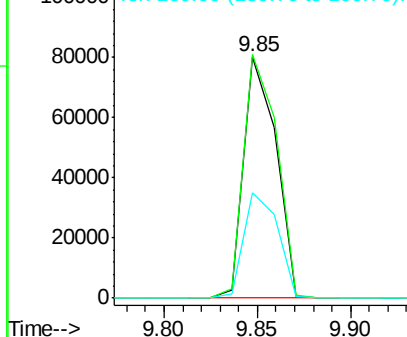


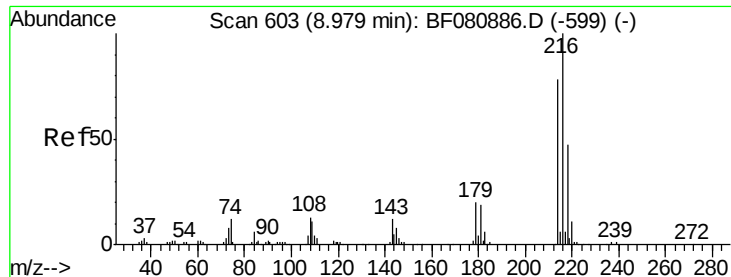
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:164 Resp: 96150
Ion Ratio Lower Upper
164 100
162 101.0 81.5 122.3
160 43.7 35.9 53.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 71.53 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080889.D

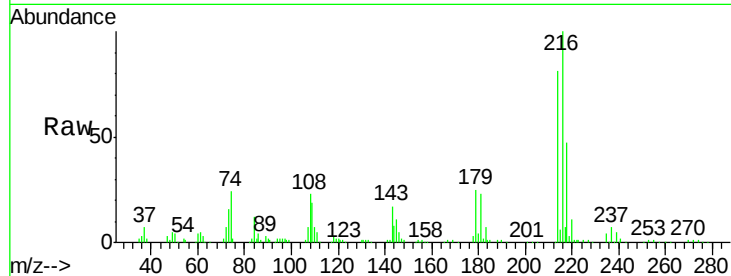
Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	209509
Ion Ratio	Lower	Upper
216	100	
214	80.7	62.8 94.2
179	24.1	17.0 25.6
108	25.3	16.7 25.1#

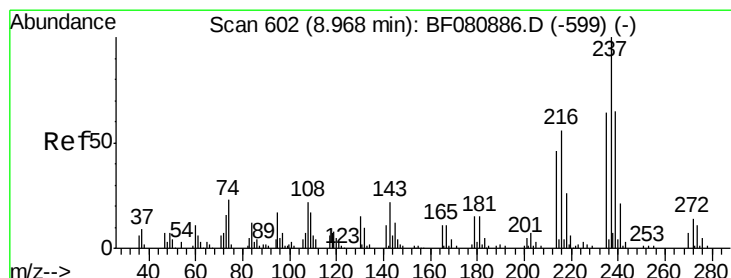
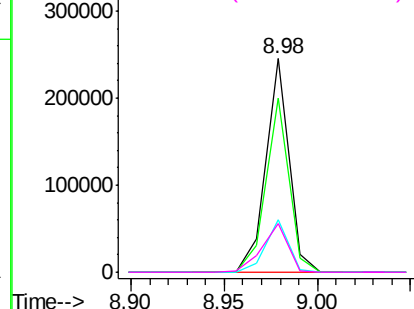
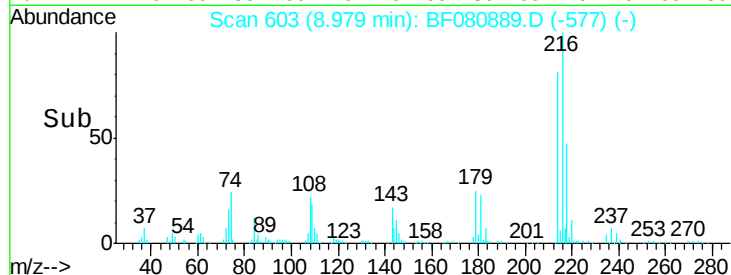


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.81 ng

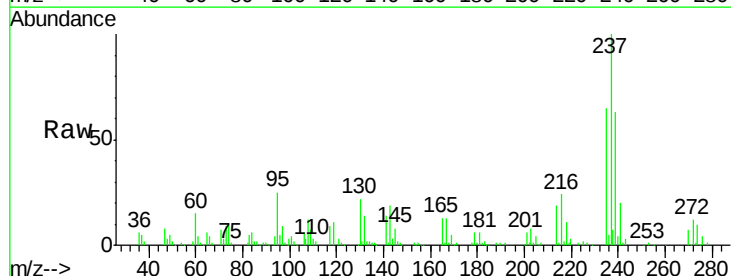
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

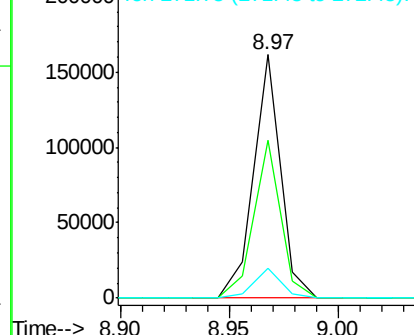
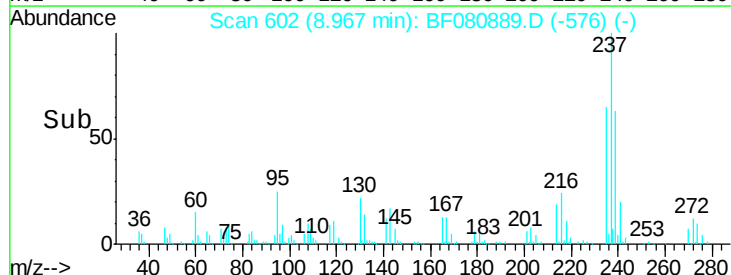
Tgt Ion:237	Resp:	139158
Ion Ratio	Lower	Upper
237	100	
235	64.6	43.7 83.7
272	12.2	0.0 33.8

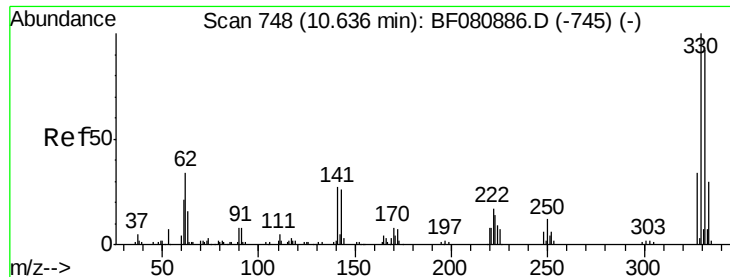


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

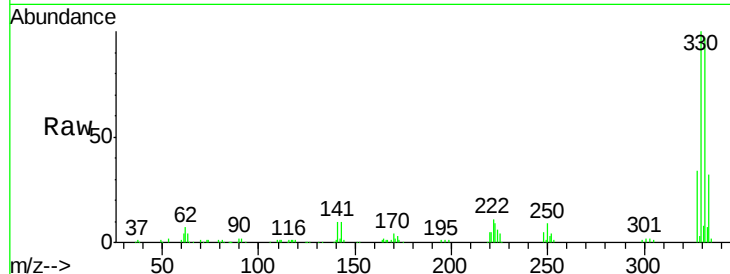




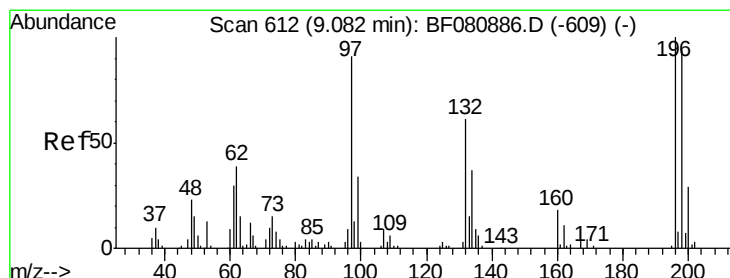
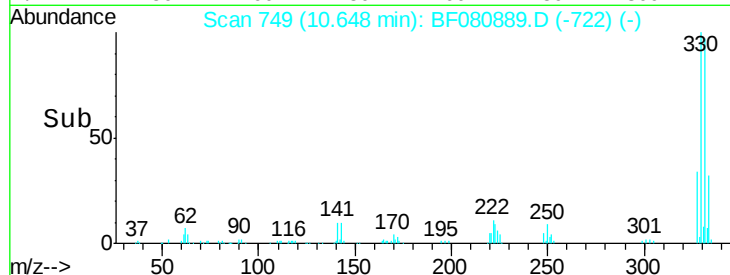
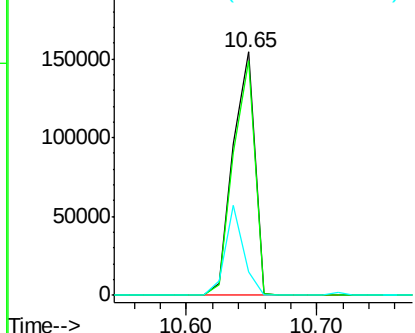
#41
 2,4,6-Tribromophenol
 Concen: 172.72 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	74.1	111.1
141	31.4	30.1	45.1

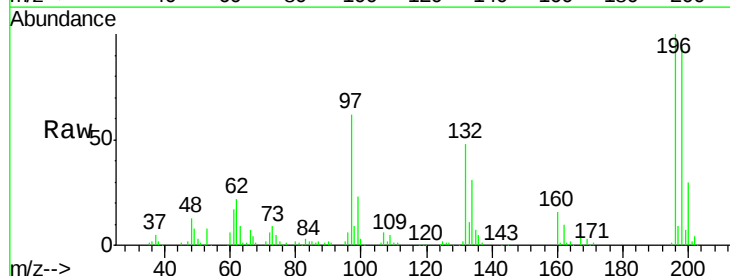


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

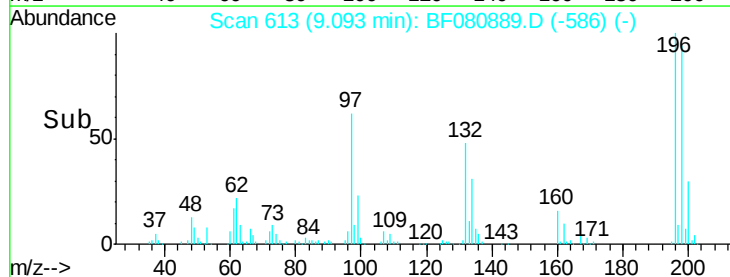
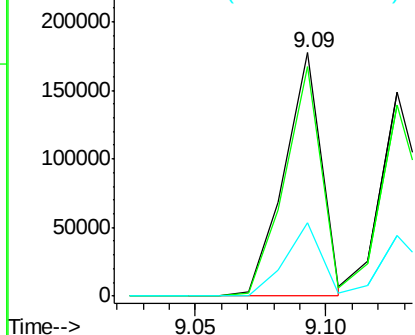


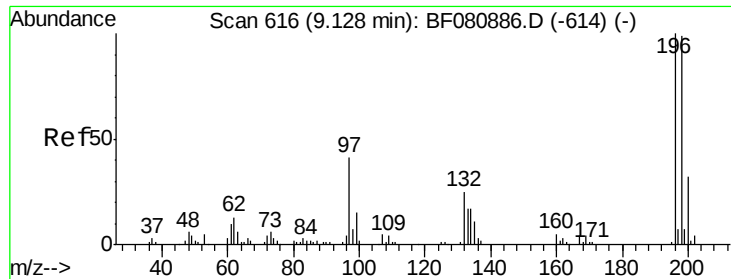
#42
 2,4,6-Trichlorophenol
 Concen: 80.86 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.9	112.3
200	30.0	23.2	34.8



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

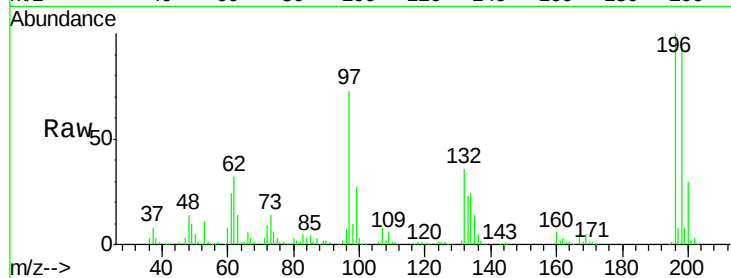




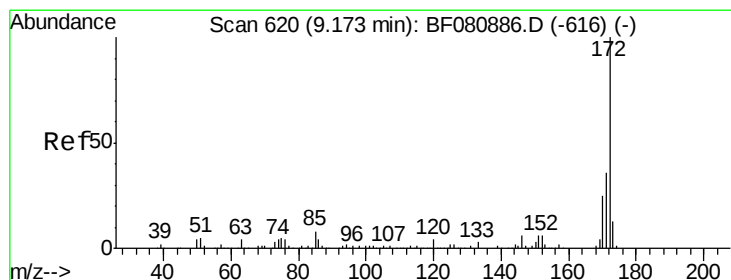
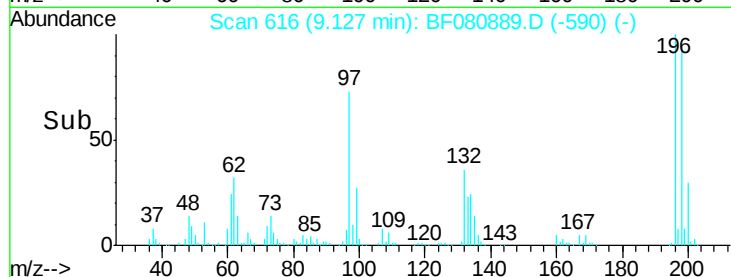
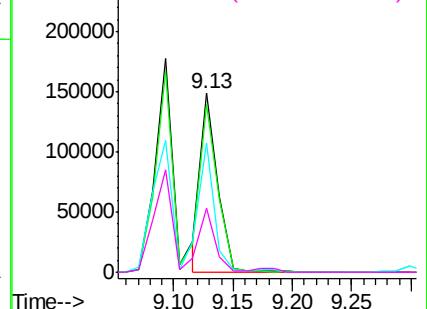
#43
 2,4,5-Trichlorophenol
 Concen: 69.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 149654
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.7 118.1
 97 72.5 33.9 50.9#
 132 35.9 20.1 30.1#

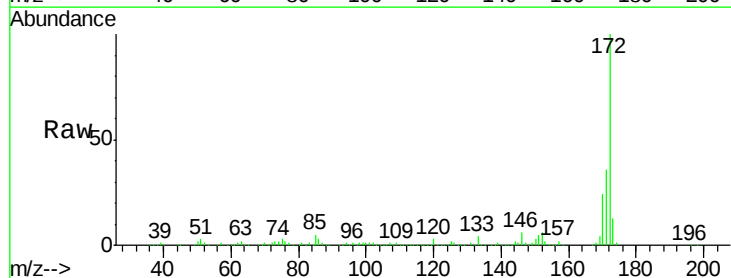


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

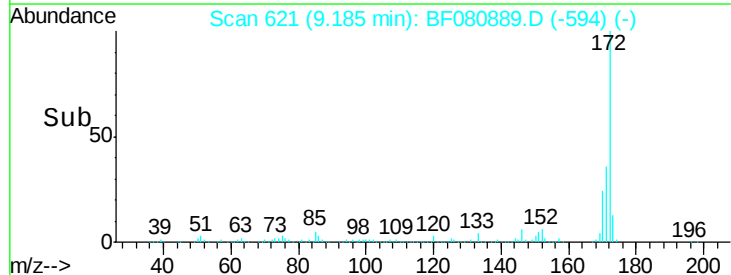
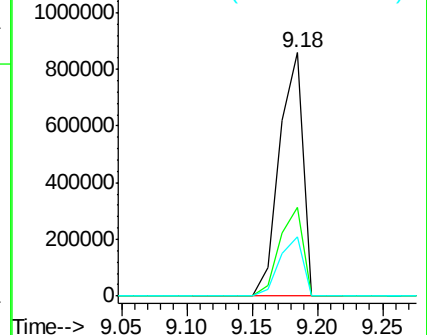


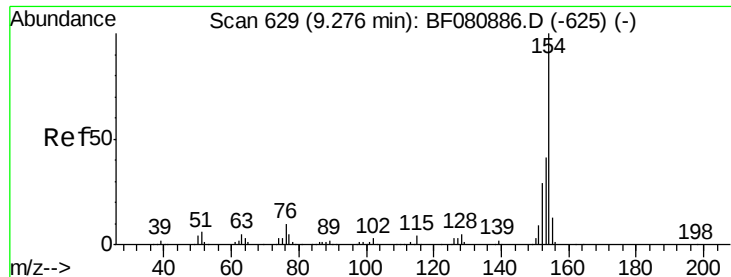
#44
 2-Fluorobiphenyl
 Concen: 160.83 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:172 Resp: 1084937
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.4 19.9 29.9



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





#45

1,1'-Biphenyl

Concen: 67.12 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

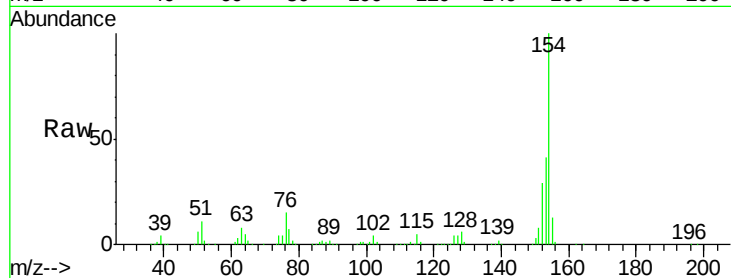
Tot Ion:154 Resp: 545977

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

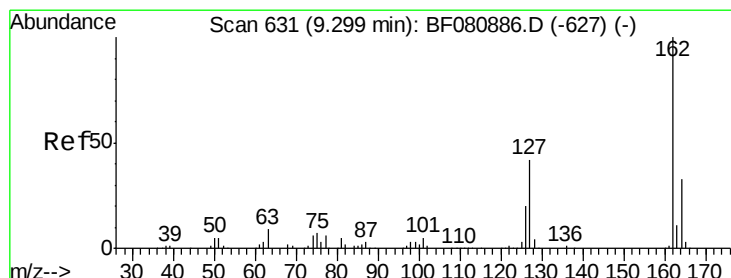
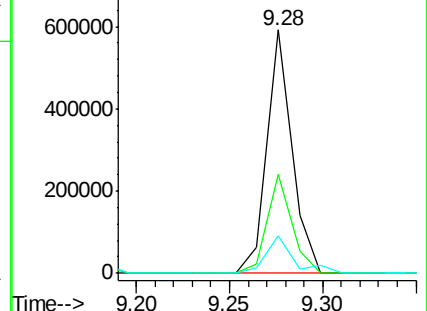
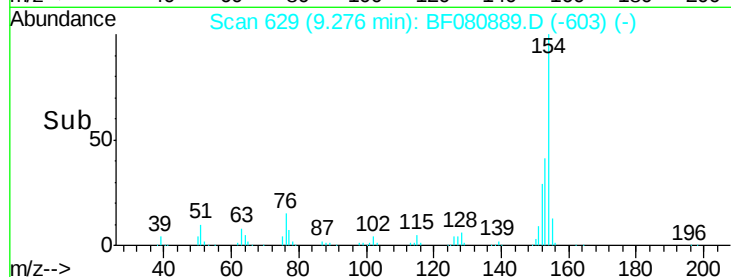
76 15.2 0.0 30.3



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: 69.80 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

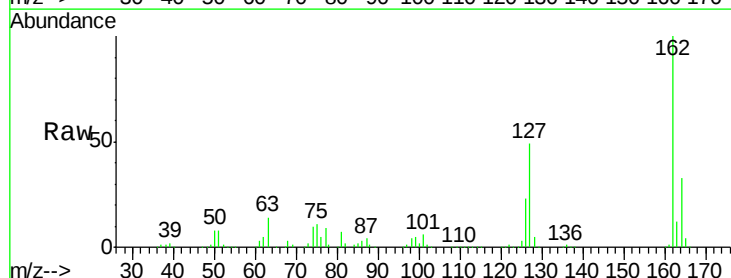
Tgt Ion:162 Resp: 443946

Ion Ratio Lower Upper

162 100

127 49.5 33.5 50.3

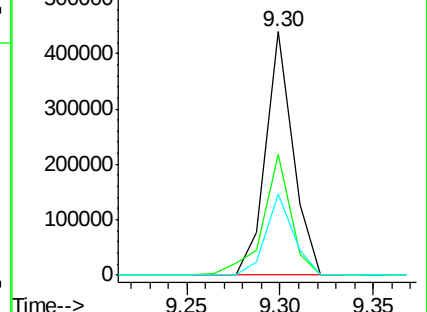
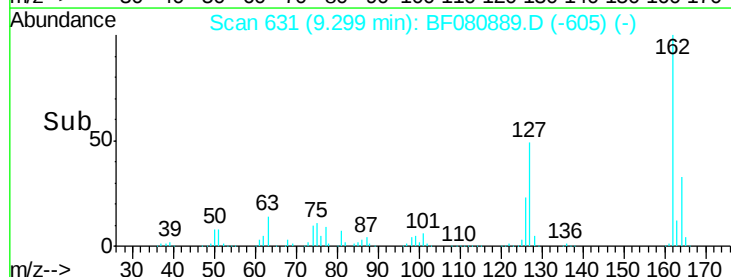
164 33.2 26.5 39.7

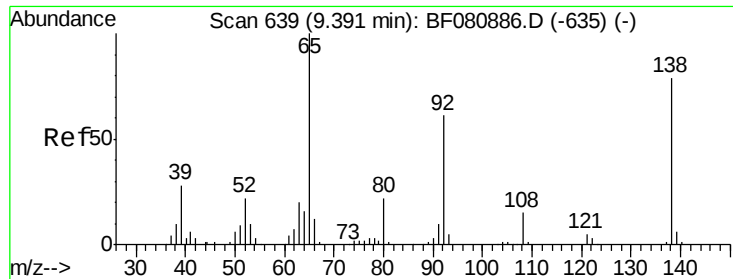


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

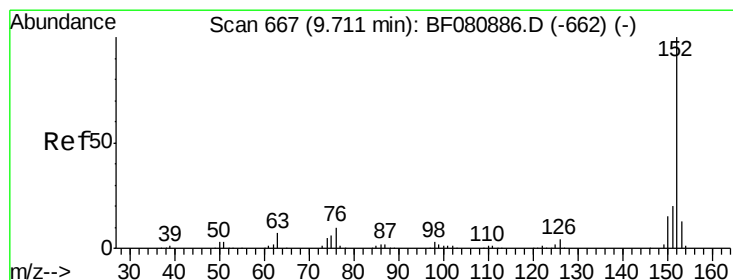
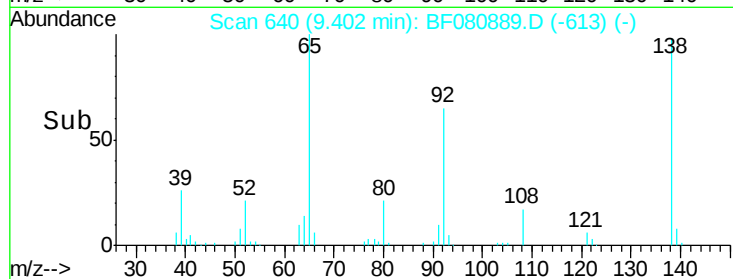
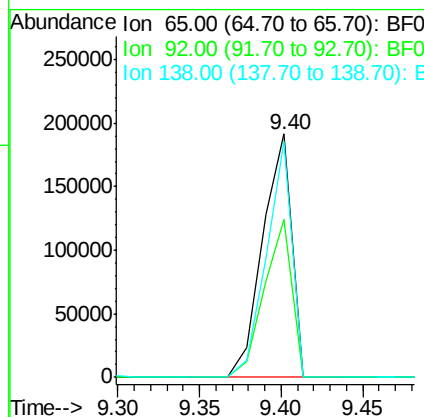
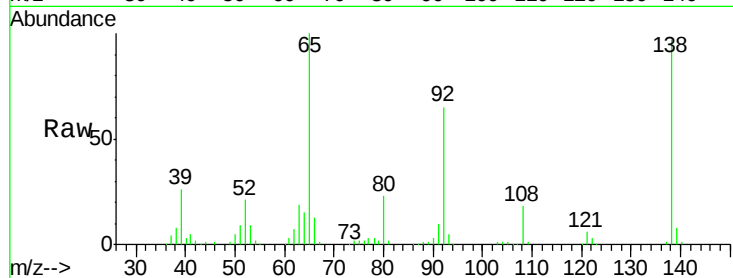




#47
 2-Nitroaniline
 Concen: 91.31 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

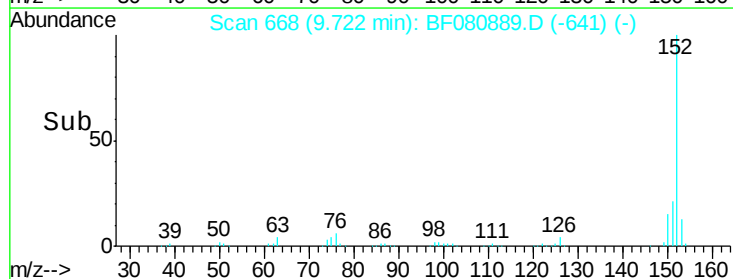
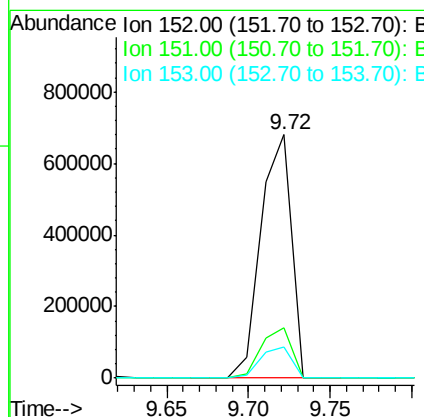
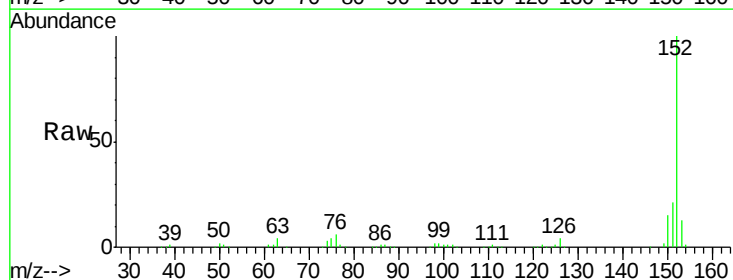
Instrument :
 BNA_F
 ClientSampleId :

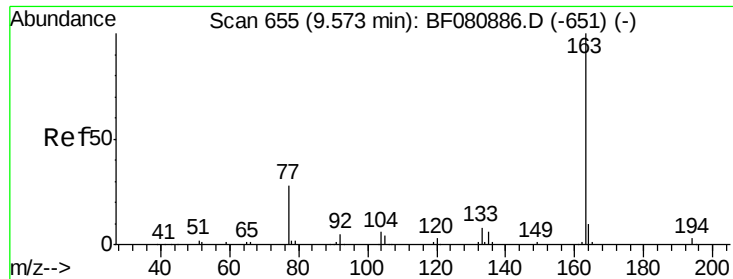
Tot Ion: 65 Resp: 236188
 Ion Ratio Lower Upper
 65 100
 92 64.6 48.5 72.7
 138 96.8 63.3 94.9#



#48
 Acenaphthylene
 Concen: 79.32 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion: 152 Resp: 884820
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6
 153 12.8 10.6 16.0

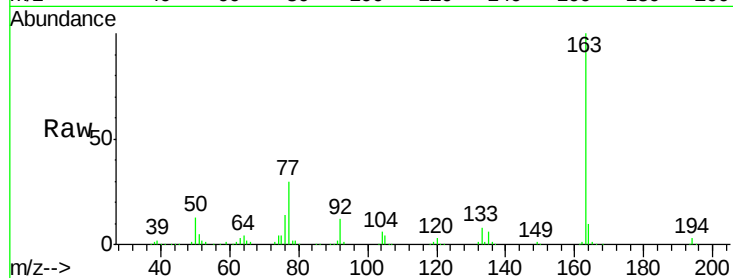




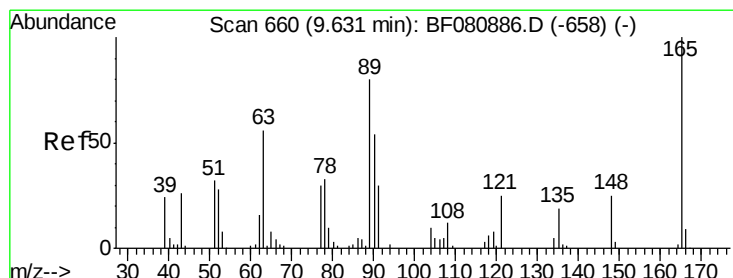
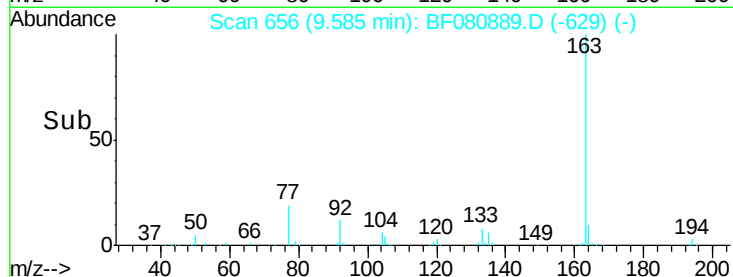
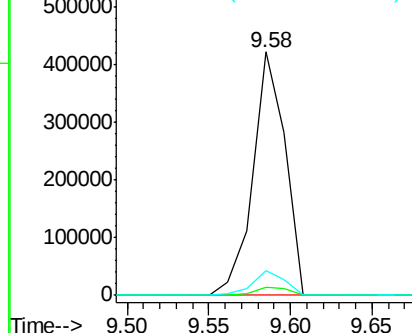
#49
Dimethylphthalate
Concen: 75.55 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 576898
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.2 8.3 12.5

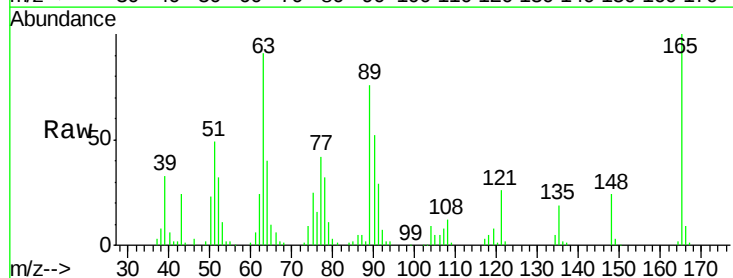


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

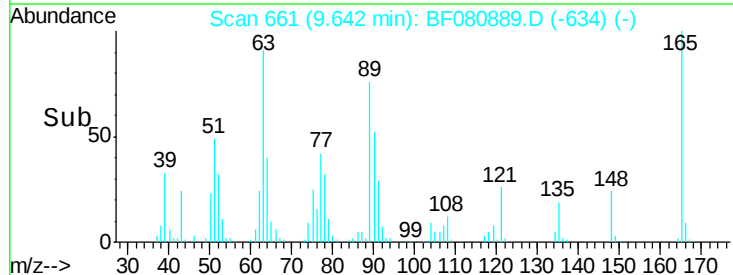
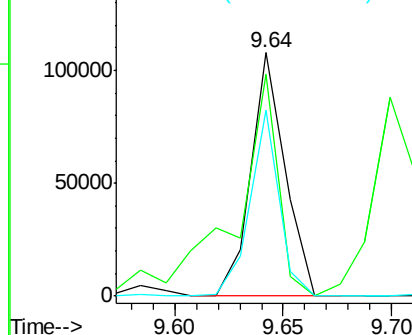


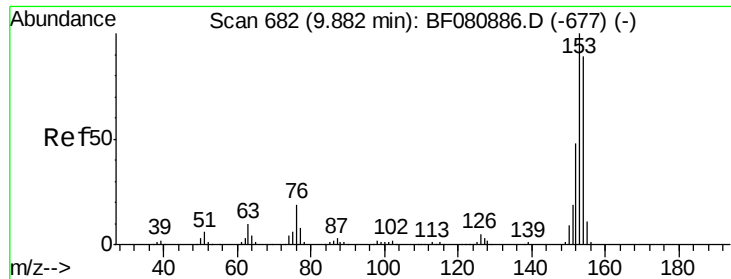
#50
2,6-Dinitrotoluene
Concen: 71.84 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:165 Resp: 117626
Ion Ratio Lower Upper
165 100
63 91.4 77.6 116.4
89 76.3 63.7 95.5



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: 82.38 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

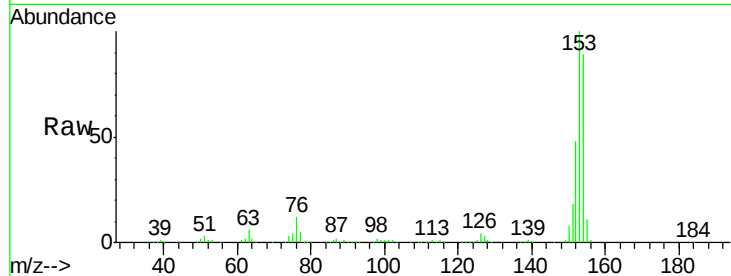
Tot Ion:154 Resp: 558343

Ion Ratio Lower Upper

154 100

153 112.3 90.4 135.6

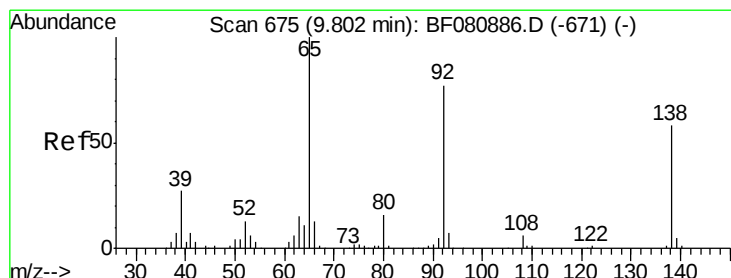
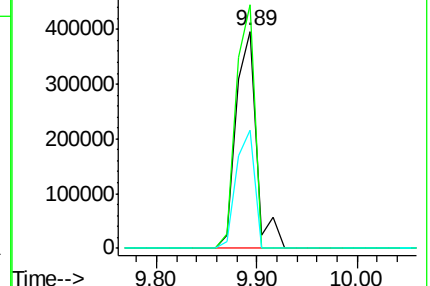
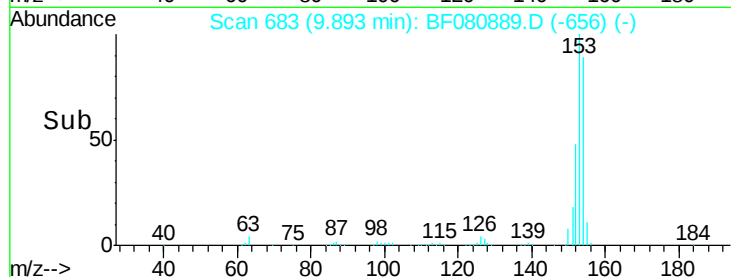
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 77.68 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

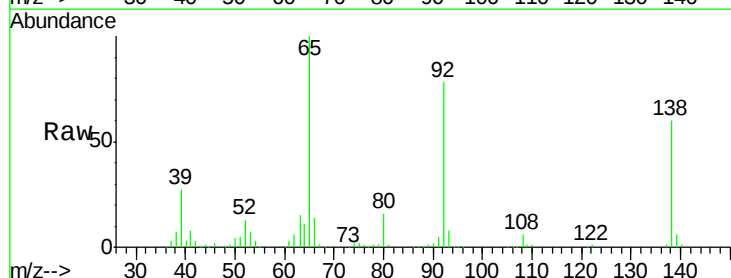
Tgt Ion:138 Resp: 157258

Ion Ratio Lower Upper

138 100

108 10.5 8.9 13.3

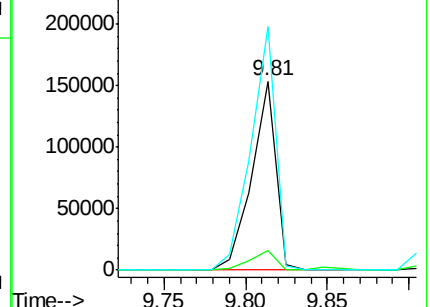
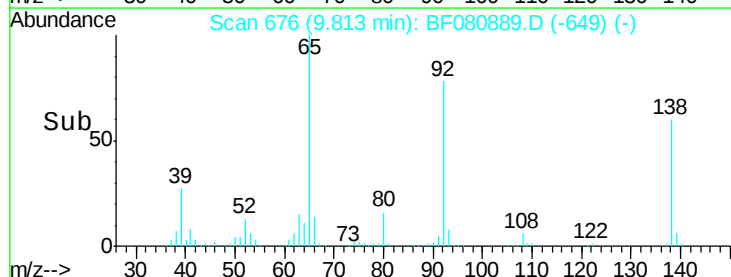
92 129.1 106.2 159.2

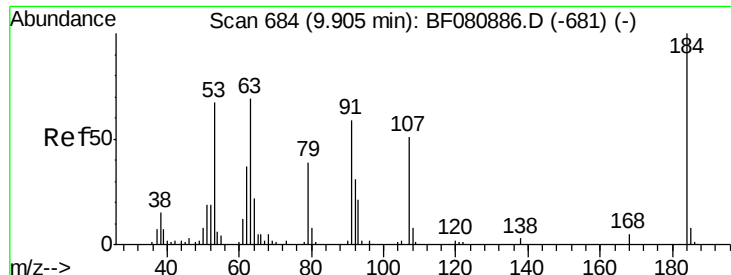


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

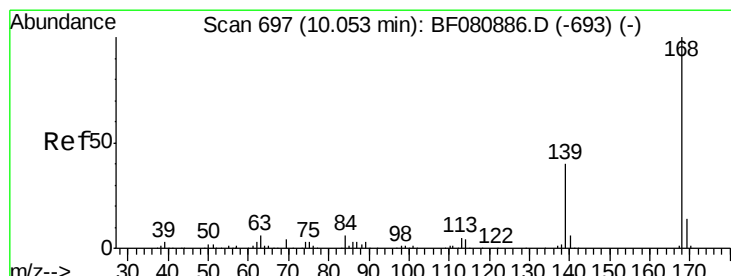
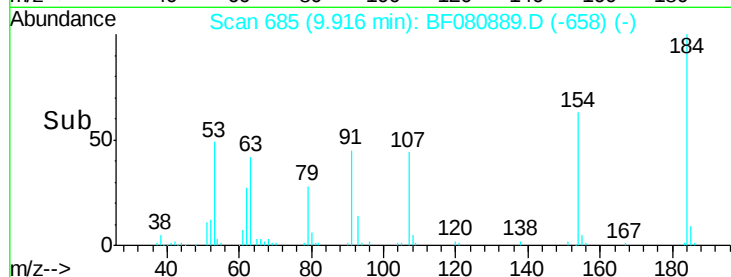
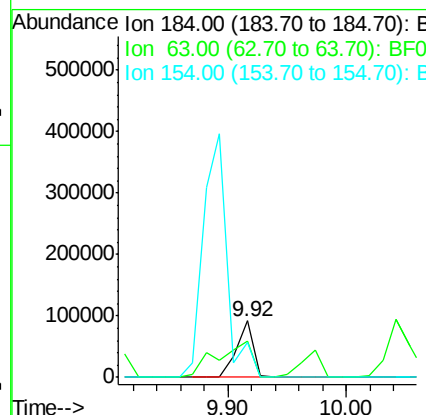
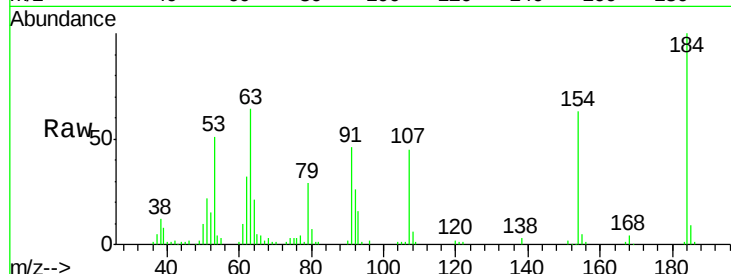




#53
2,4-Dinitrophenol
Concen: 99.67 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

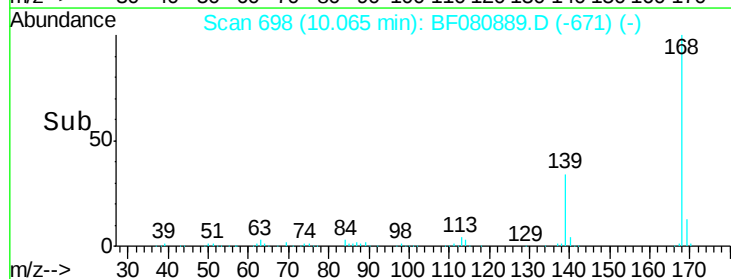
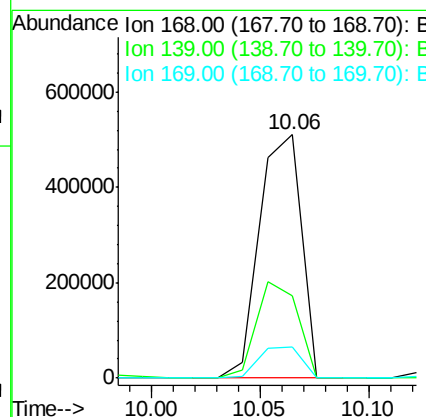
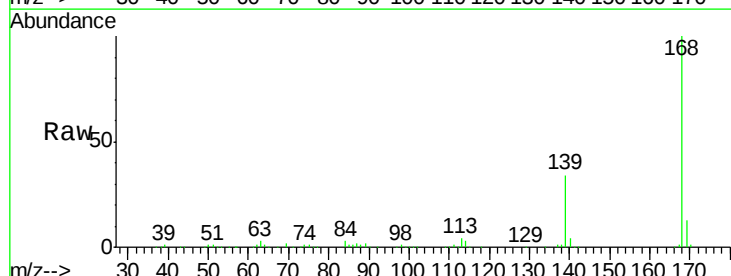
Instrument :
BNA_F
ClientSampleId :

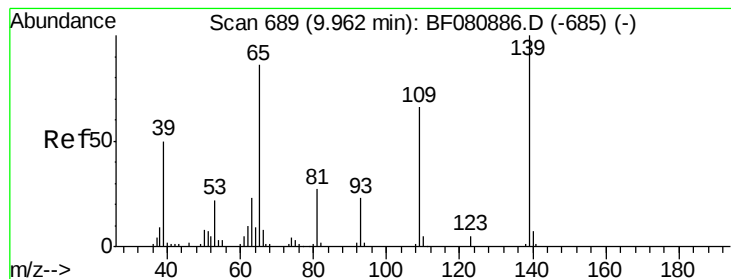
Tot Ion:184 Resp: 89416
Ion Ratio Lower Upper
184 100
63 64.3 67.6 101.4#
154 63.1 54.3 81.5



#54
Dibenzofuran
Concen: 75.22 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:168 Resp: 690580
Ion Ratio Lower Upper
168 100
139 33.7 31.8 47.8
169 12.6 10.8 16.2





#55

4-Nitrophenol

Concen: 90.07 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampled :

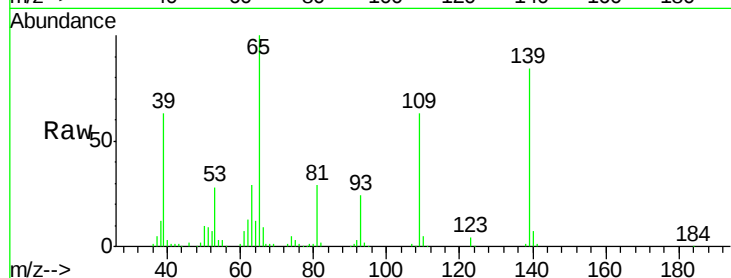
Tot Ion:139 Resp: 137606

Ion Ratio Lower Upper

139 100

109 74.9 46.4 86.4

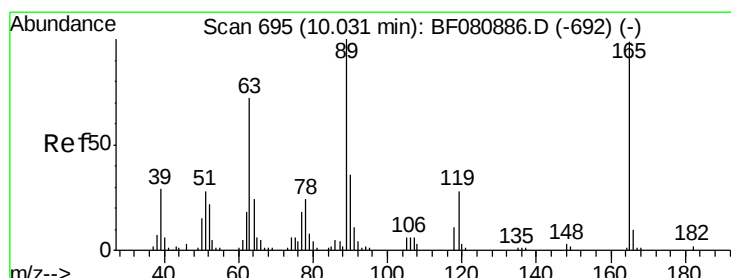
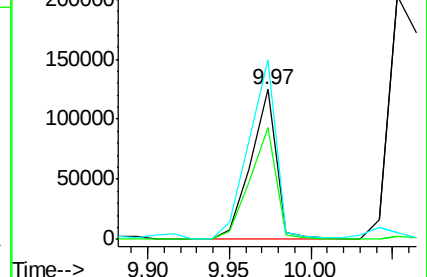
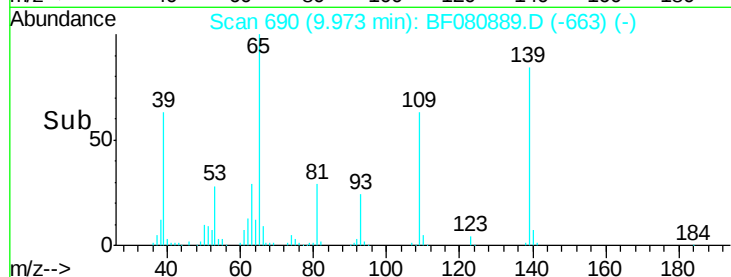
65 119.6 65.6 105.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 74.52 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Tgt Ion:165 Resp: 164142

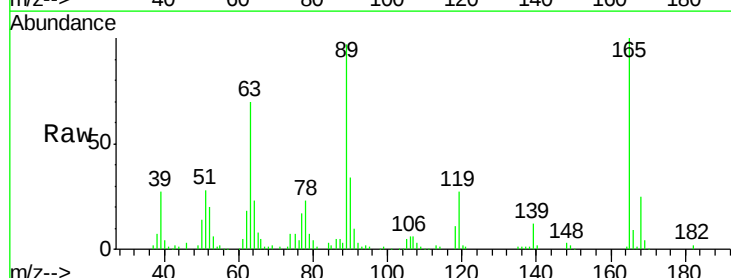
Ion Ratio Lower Upper

165 100

63 70.2 58.6 87.8

89 96.9 80.7 121.1

182 1.9 1.8 2.8

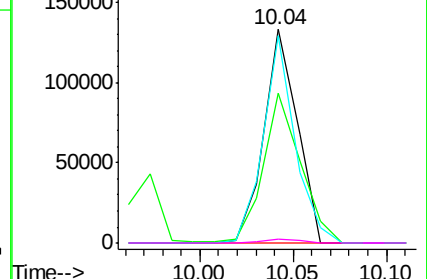
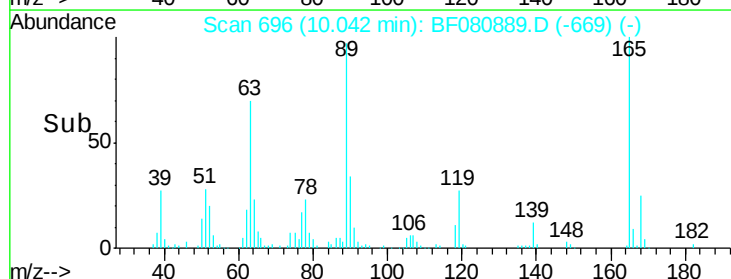


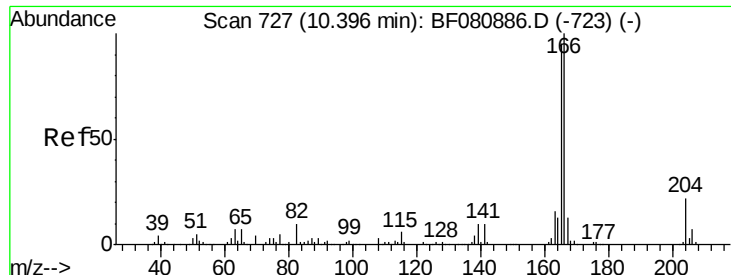
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

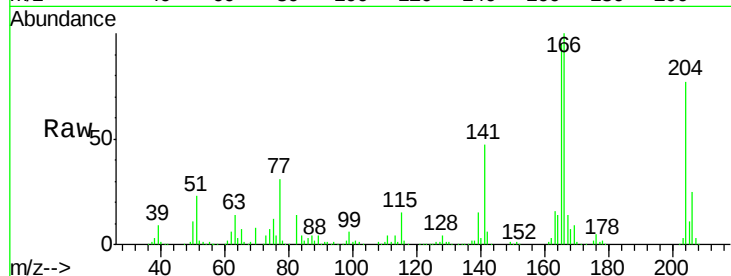




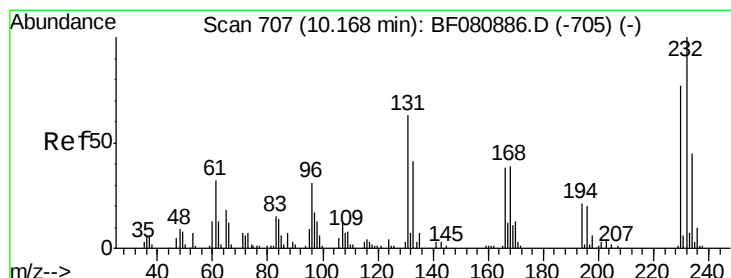
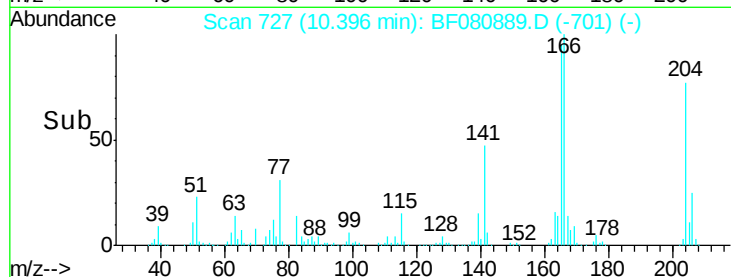
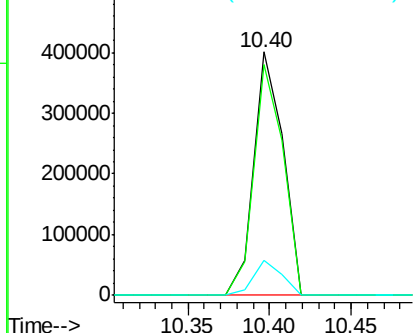
#57
 Fluorene
 Concen: 69.35 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 498106
 Ion Ratio Lower Upper
 166 100
 165 95.0 75.9 113.9
 167 14.3 10.8 16.2

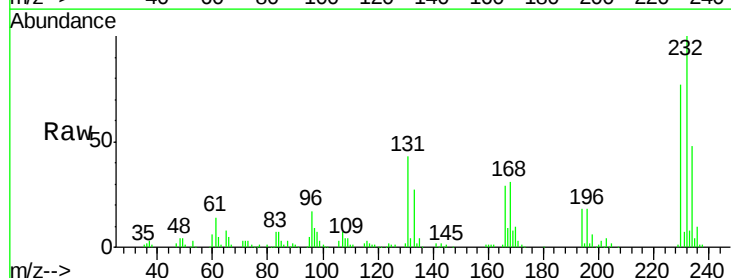


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

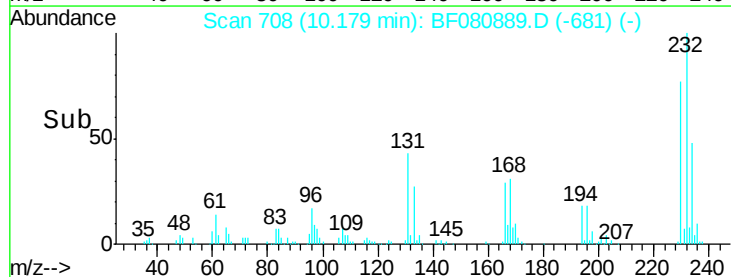
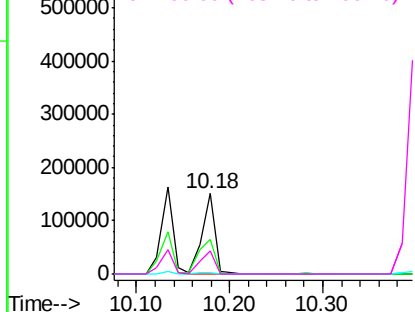


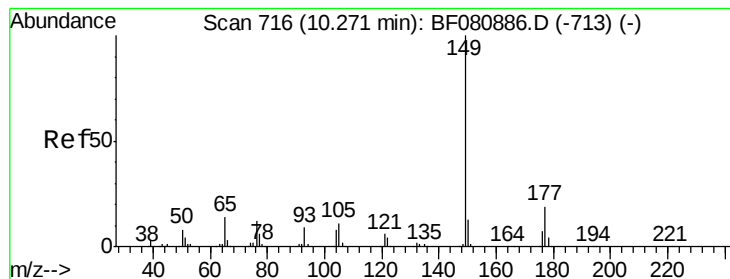
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 84.87 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:232 Resp: 147259
 Ion Ratio Lower Upper
 232 100
 131 52.6 44.9 67.3
 130 2.4 1.9 2.9
 166 32.6 27.2 40.8



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: 73.53 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

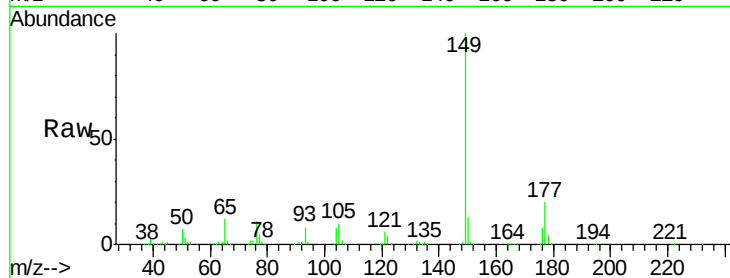
Tot Ion:149 Resp: 611614

Ion Ratio Lower Upper

149 100

177 19.5 14.9 22.3

150 12.8 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

10.28

800000

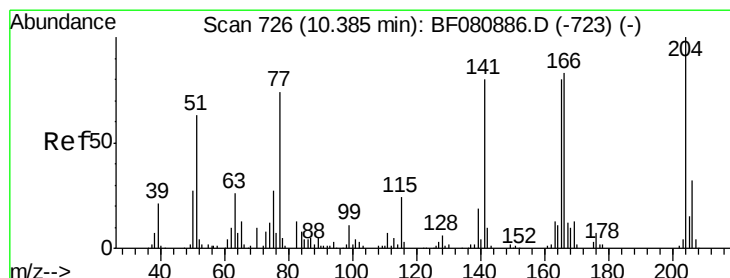
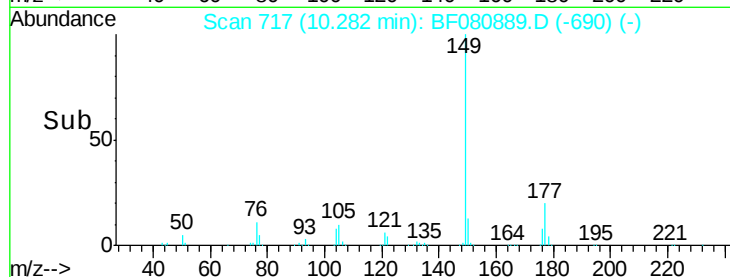
600000

400000

200000

0

Time--> 10.20 10.25 10.30 10.35



#60

4-Chlorophenyl-phenylether

Concen: 78.15 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

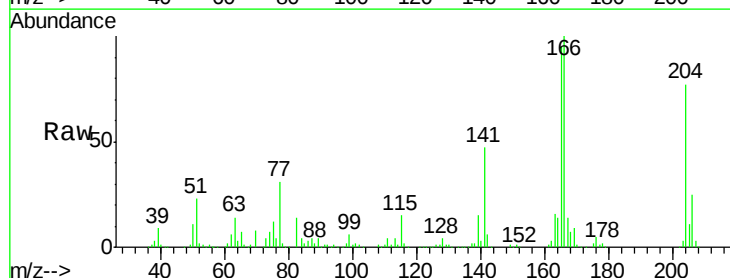
Tgt Ion:204 Resp: 263114

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

141 61.9 63.8 95.6#



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

10.40

400000

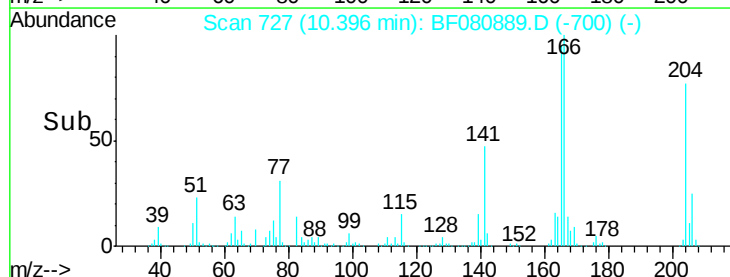
300000

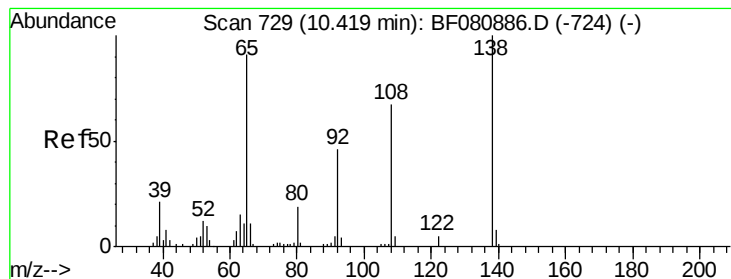
200000

100000

0

Time--> 10.35 10.40 10.45





#61

4-Nitroaniline

Concen: 75.26 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

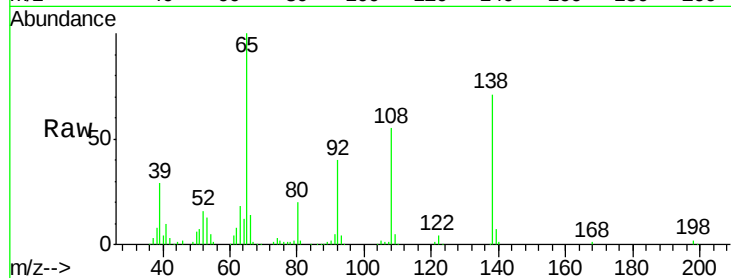
Tot Ion:138 Resp: 156261

Ion Ratio Lower Upper

138 100

92 56.2 25.6 65.6

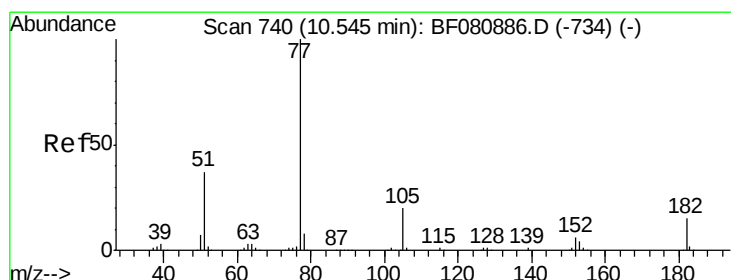
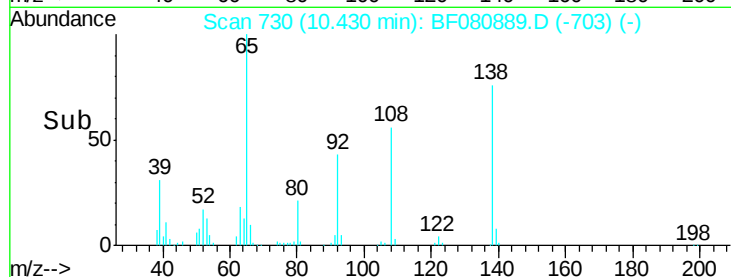
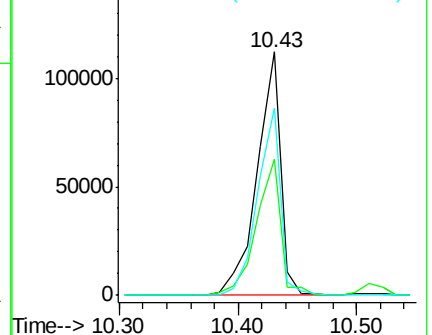
108 76.9 46.9 86.9



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: 84.99 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Tgt Ion: 77 Resp: 774668

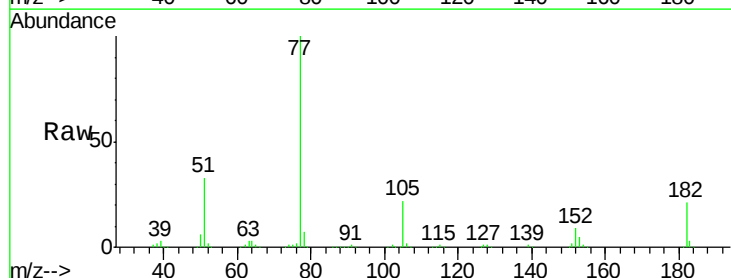
Ion Ratio Lower Upper

77 100

182 20.8 0.0 34.5

105 22.3 0.2 40.2

51 33.2 16.7 56.7

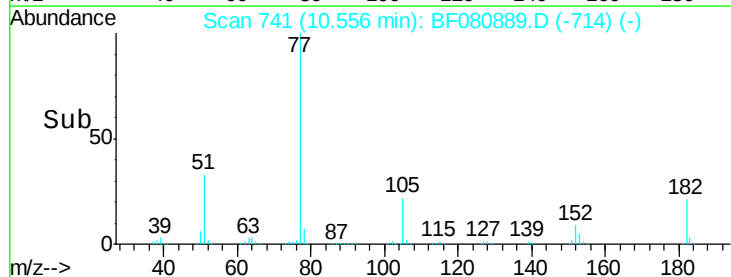
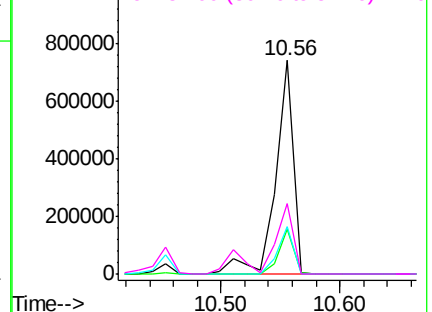


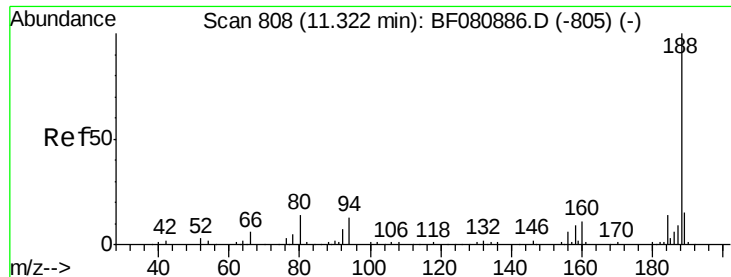
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

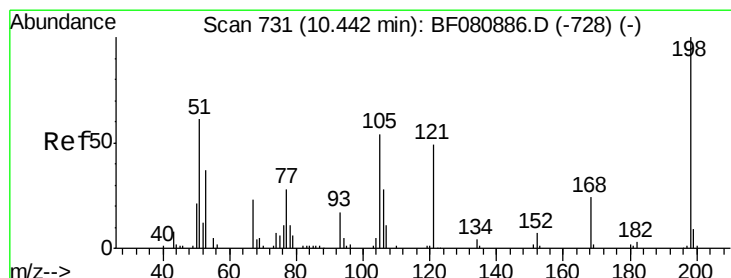
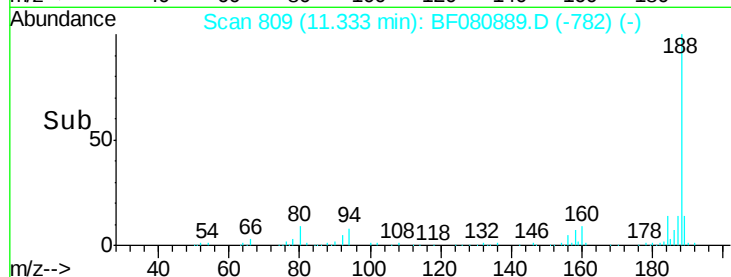
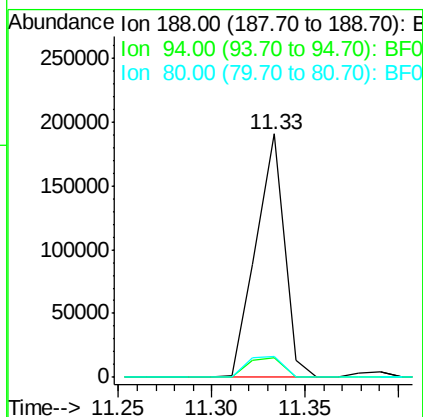
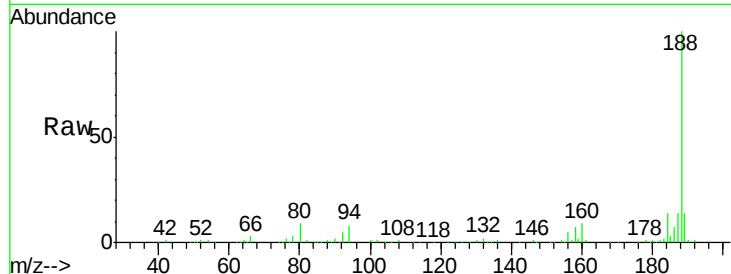




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

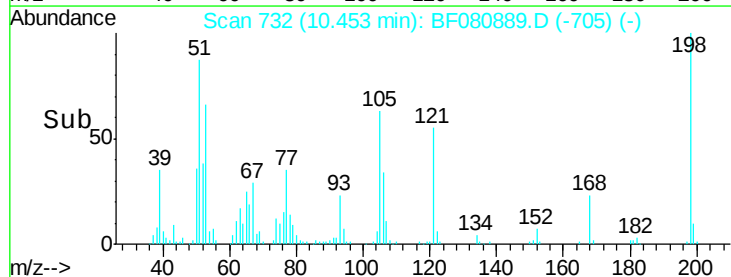
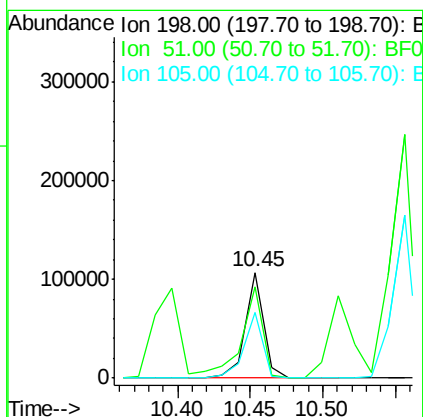
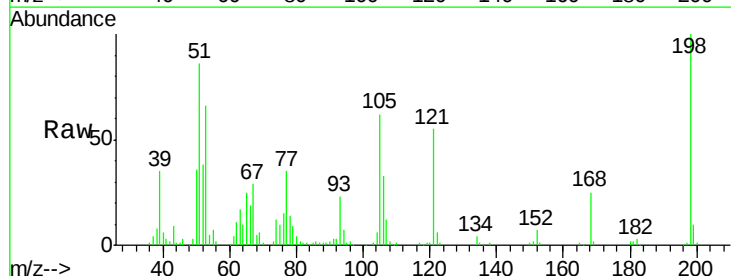
Instrument :
 BNA_F
 ClientSampleId :

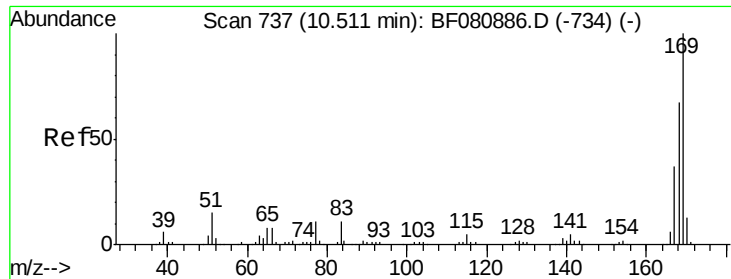
Tot Ion:188 Resp: 201678
 Ion Ratio Lower Upper
 188 100
 94 8.3 10.2 15.2#
 80 8.7 11.4 17.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 72.19 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:198 Resp: 94862
 Ion Ratio Lower Upper
 198 100
 51 86.2 47.9 87.9
 105 62.2 35.0 75.0

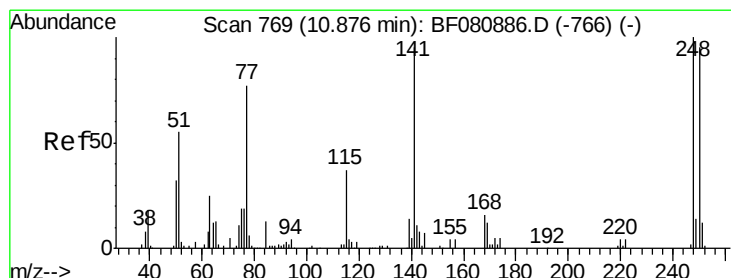
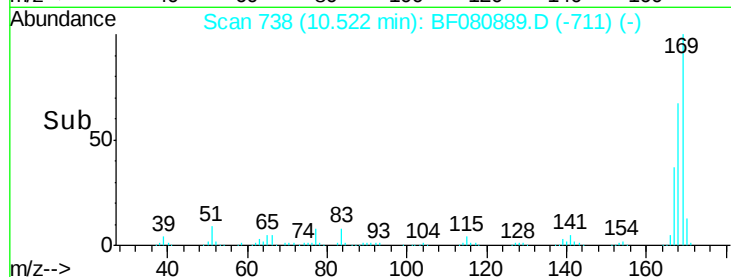
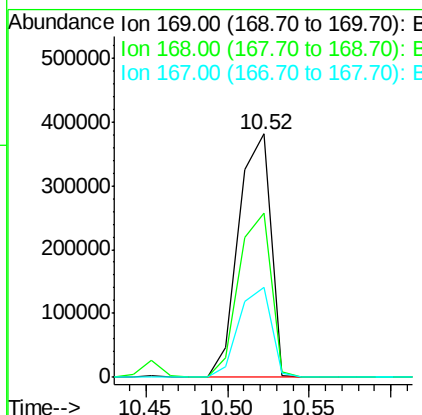
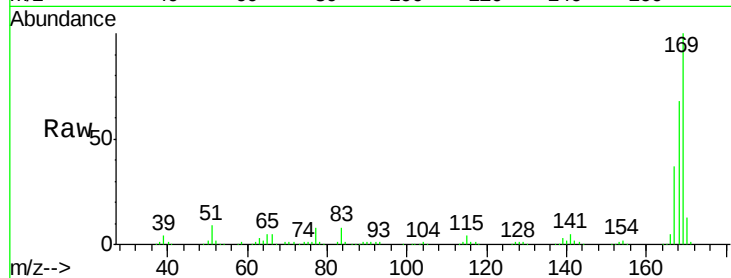




#65
 n-Nitrosodiphenylamine
 Concen: 72.20 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

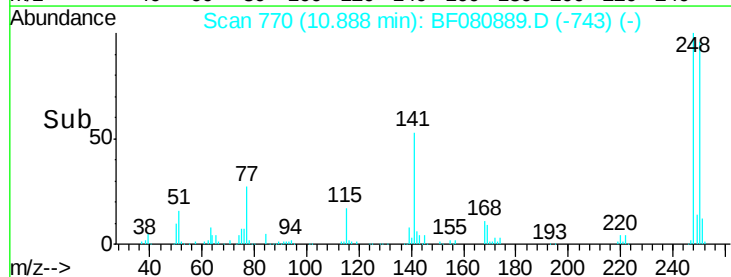
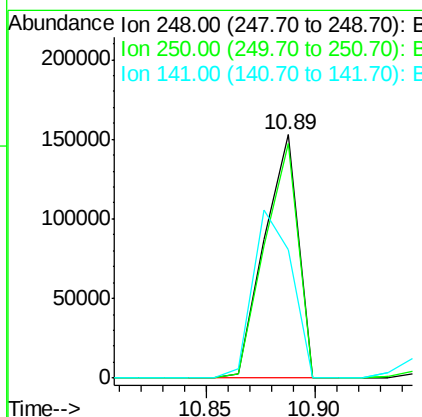
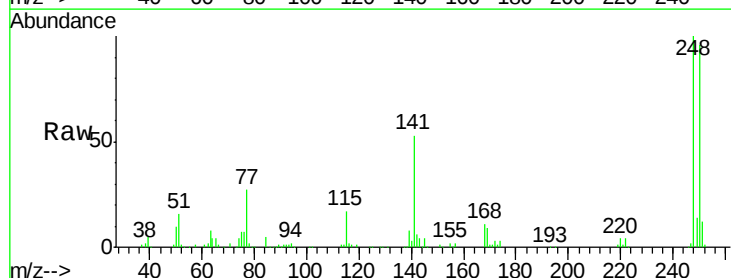
Instrument :
 BNA_F
 ClientSampleId :

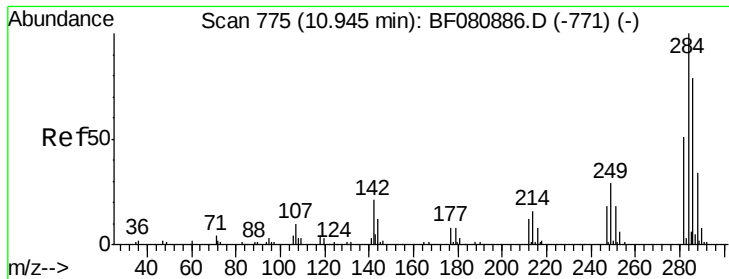
Tot Ion:169 Resp: 518807
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.0 81.0
 167 37.2 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 76.16 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:248 Resp: 166931
 Ion Ratio Lower Upper
 248 100
 250 96.1 75.9 113.9
 141 52.6 75.8 113.6#





#67

Hexachlorobenzene

Concen: 65.34 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

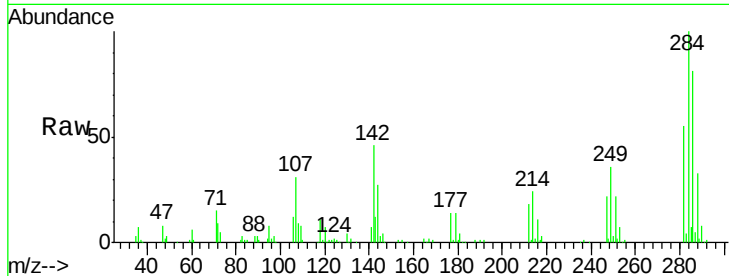
Tot Ion:284 Resp: 154867

Ion Ratio Lower Upper

284 100

142 46.4 16.4 24.6#

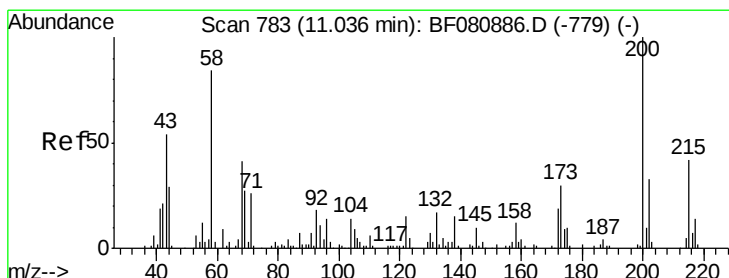
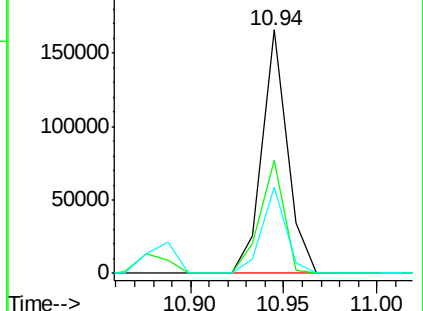
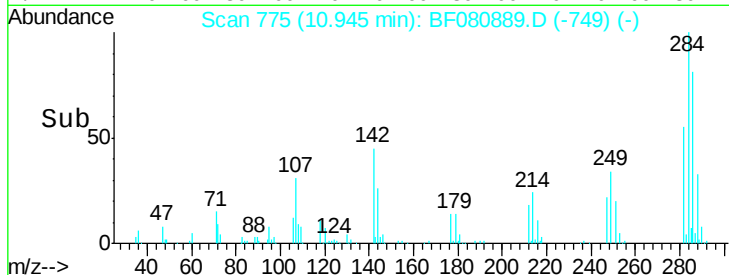
249 35.5 23.1 34.7#



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: 77.16 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

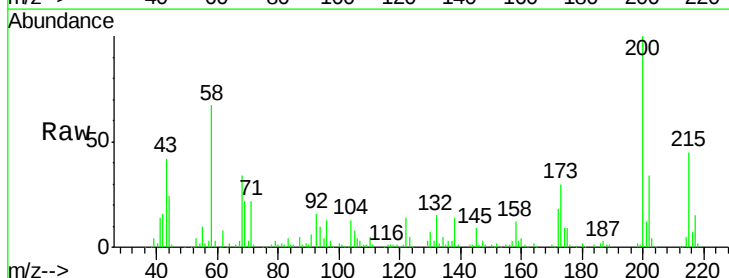
Tgt Ion:200 Resp: 160097

Ion Ratio Lower Upper

200 100

173 30.2 10.0 50.0

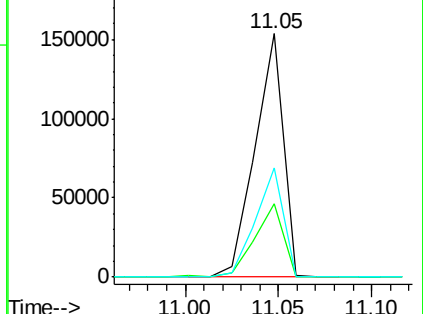
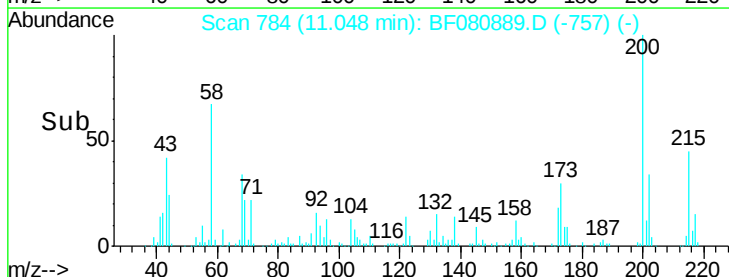
215 45.1 22.3 62.3

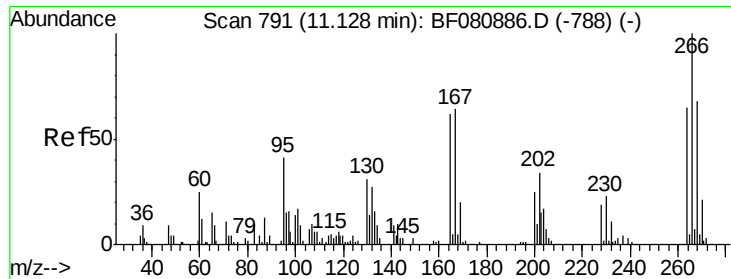


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

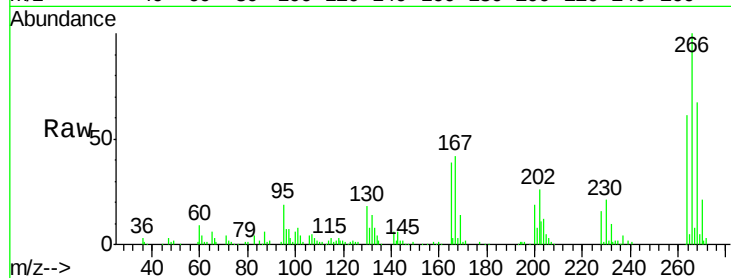




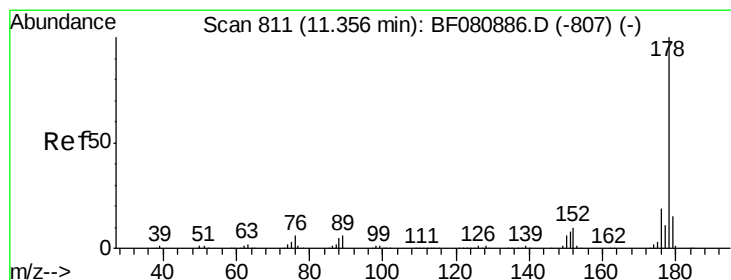
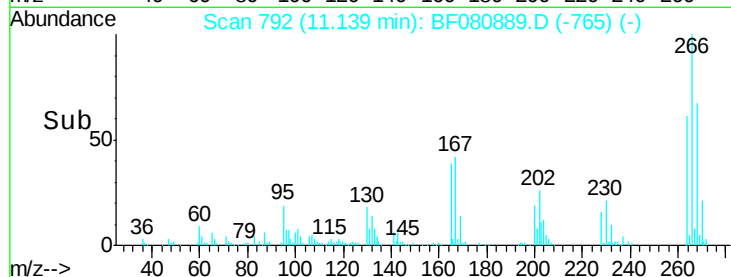
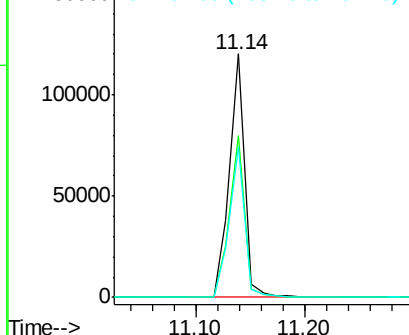
#69
 Pentachlorophenol
 Concen: 87.74 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 116558
 Ion Ratio Lower Upper
 266 100
 268 66.7 54.1 81.1
 264 61.5 51.6 77.4

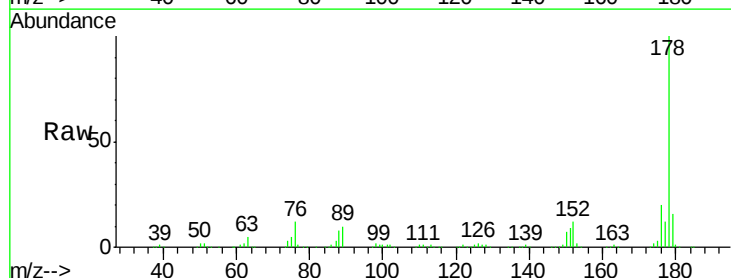


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

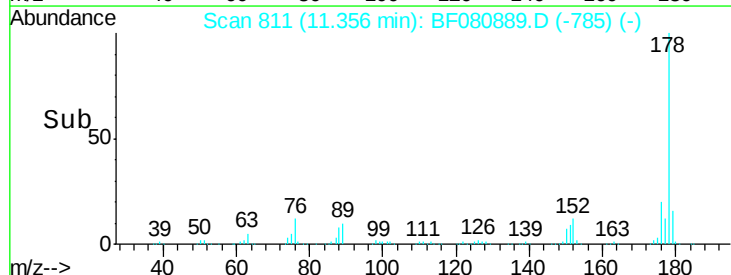
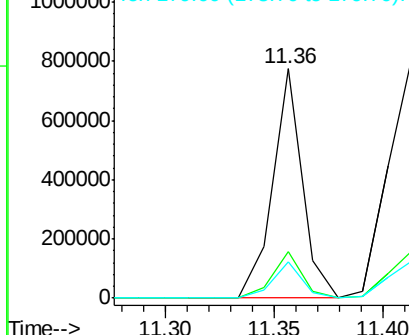


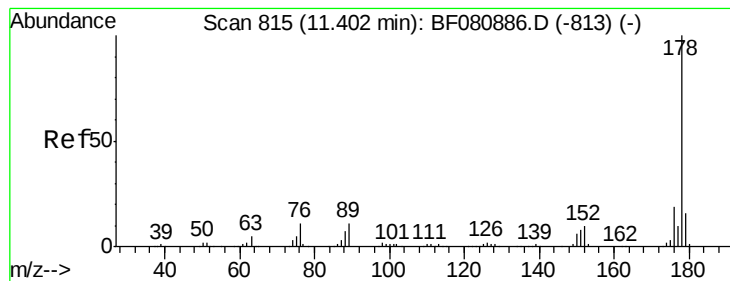
#70
 Phenanthrene
 Concen: 62.87 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:178 Resp: 742071
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.6 23.4
 179 15.9 12.0 18.0



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





#71

Anthracene

Concen: 76.96 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampled :

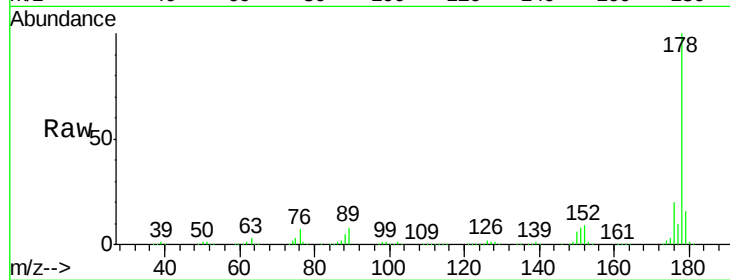
Tot Ion:178 Resp: 893994

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

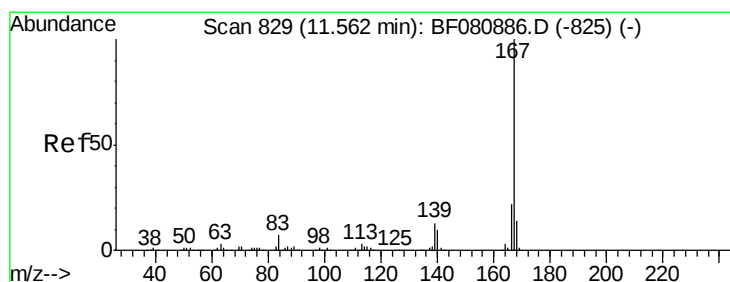
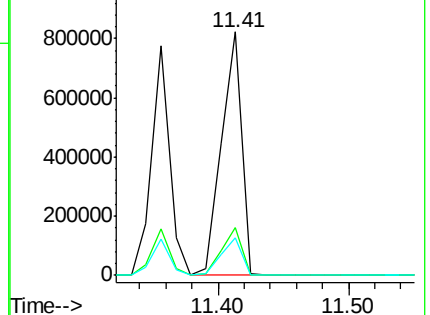
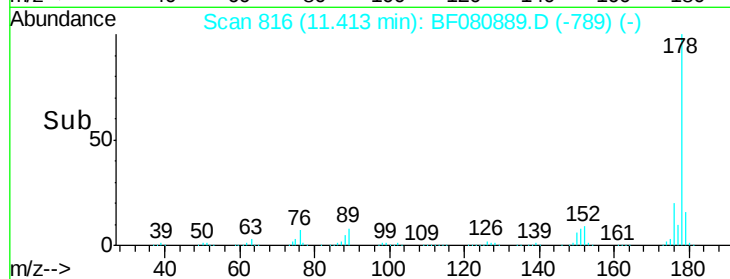
179 15.6 12.5 18.7



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: 63.14 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

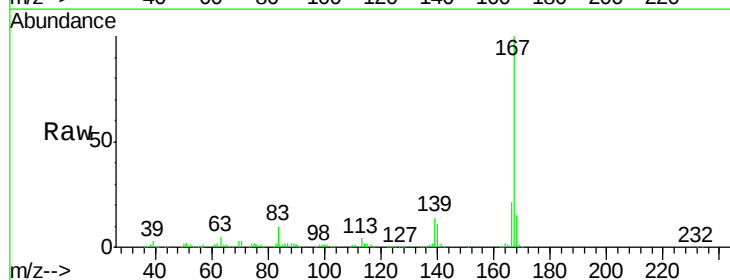
Tgt Ion:167 Resp: 740779

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

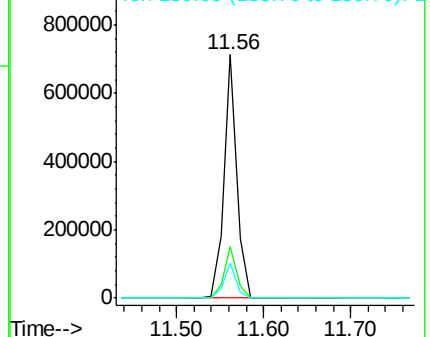
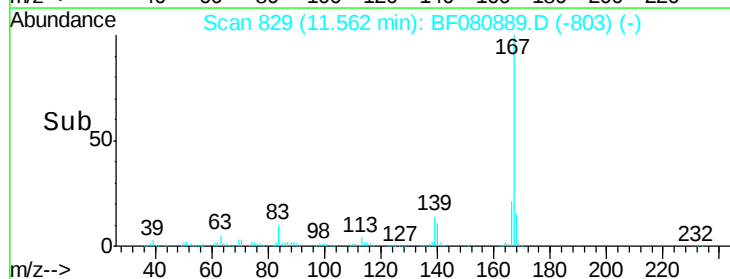
139 14.5 10.2 15.2

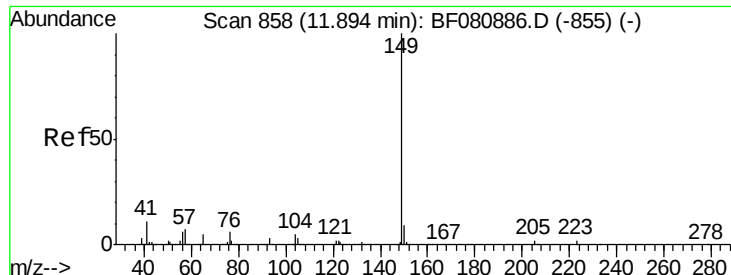


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 76.97 ng

RT: 11.90 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

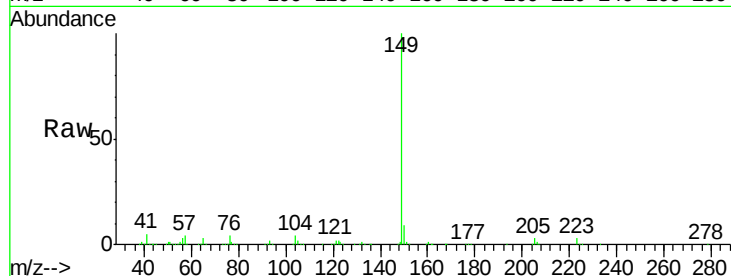
Tot Ion:149 Resp: 1100985

Ion Ratio Lower Upper

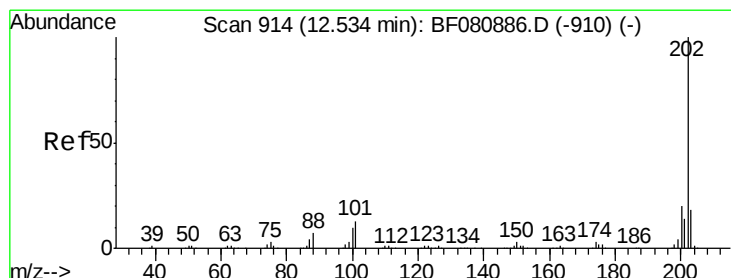
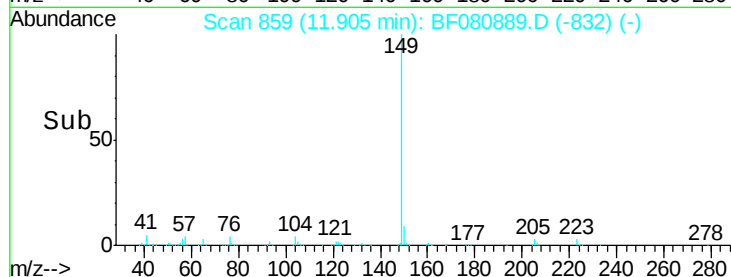
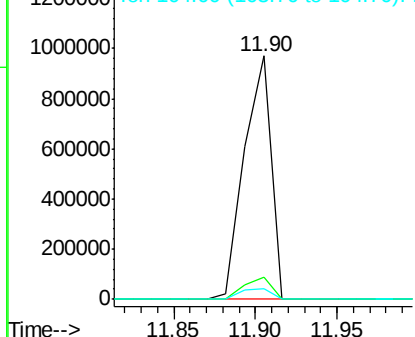
149 100

150 9.2 7.6 11.4

104 4.2 4.3 6.5#



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: 76.68 ng

RT: 12.54 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

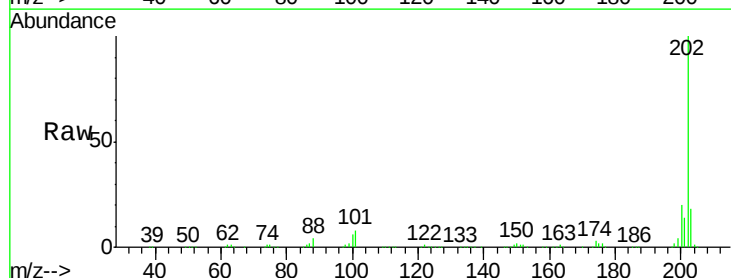
Tgt Ion:202 Resp: 989507

Ion Ratio Lower Upper

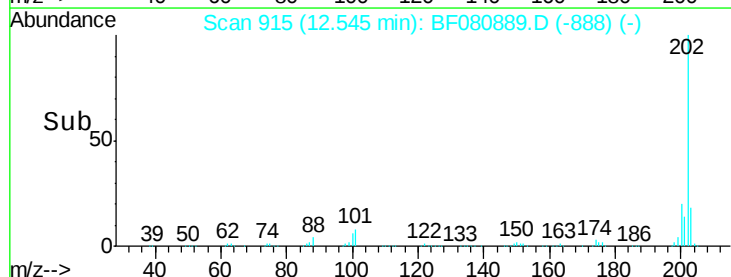
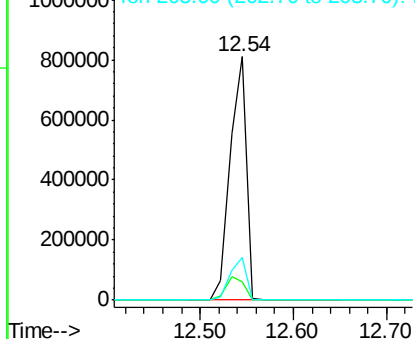
202 100

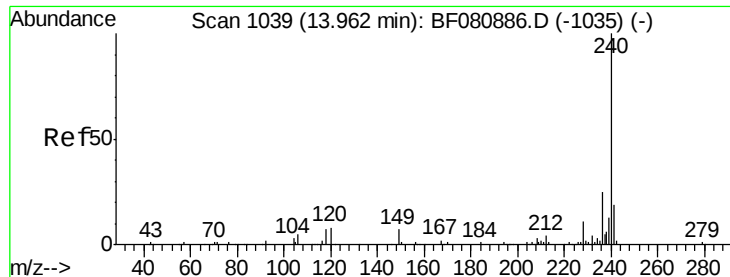
101 7.6 0.0 32.7

203 17.7 0.0 37.6



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

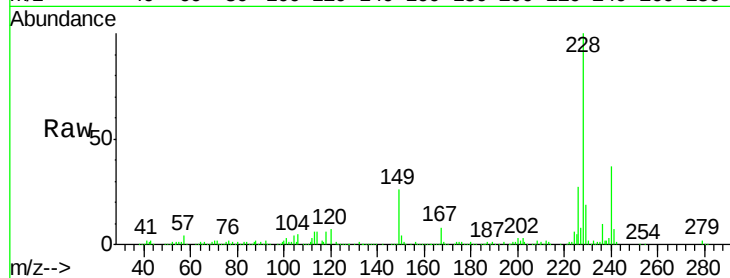
Tot Ion:240 Resp: 147636

Ion Ratio Lower Upper

240 100

120 19.0 6.4 9.6#

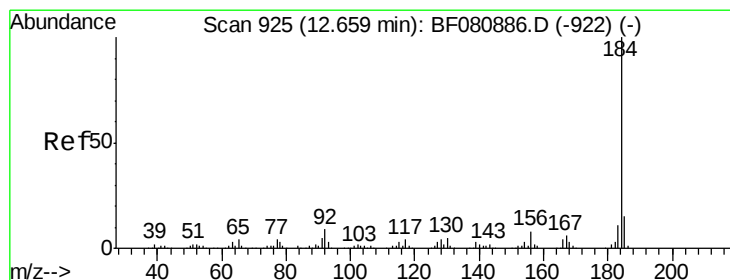
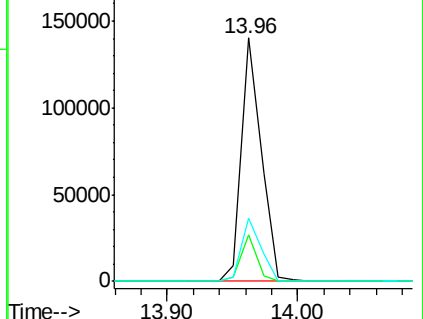
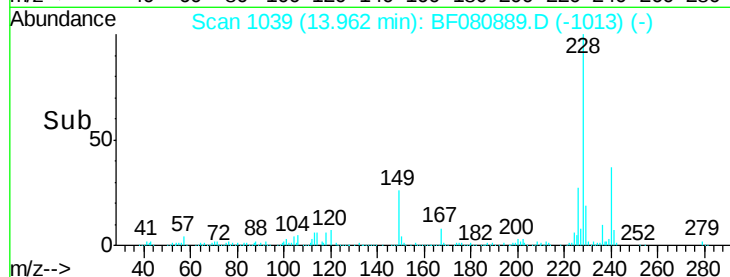
236 26.1 20.2 30.4



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: 88.63 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

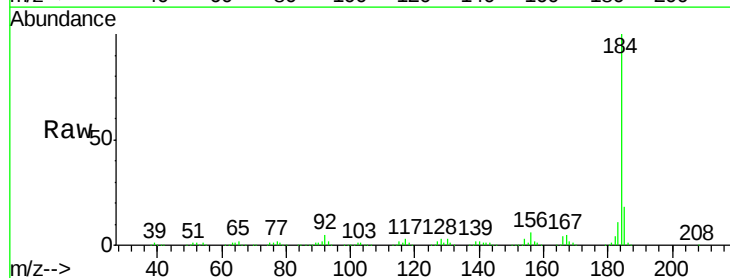
Tgt Ion:184 Resp: 534530

Ion Ratio Lower Upper

184 100

185 17.5 12.4 18.6

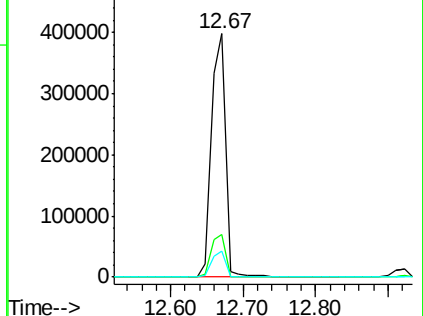
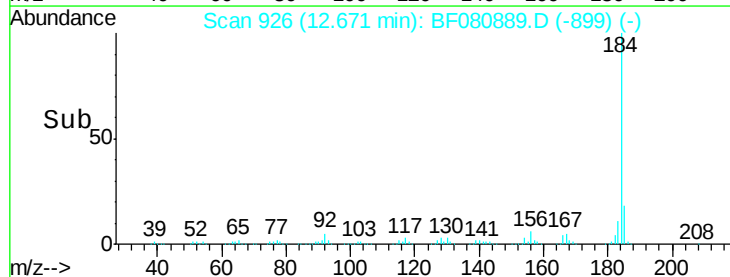
183 10.7 8.9 13.3

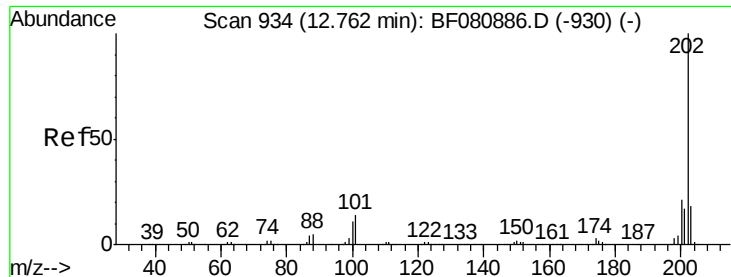


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

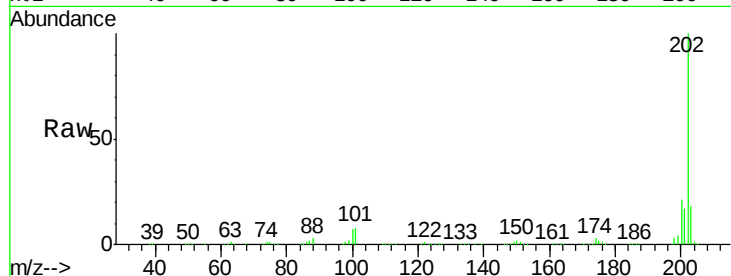




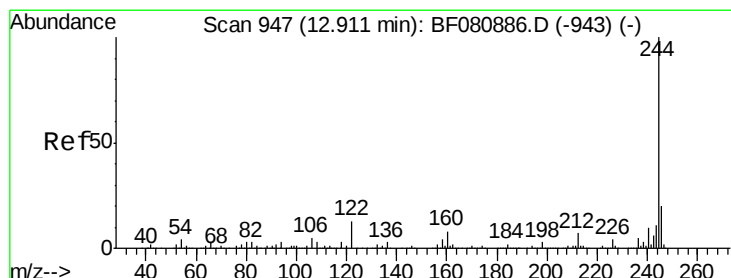
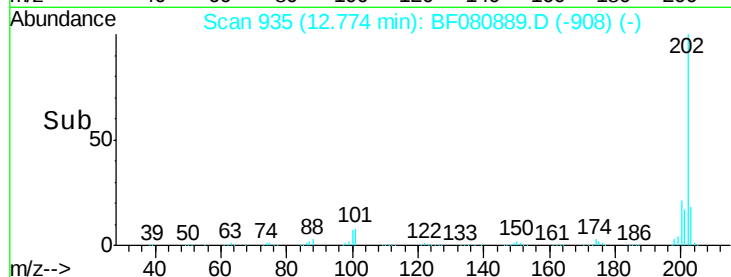
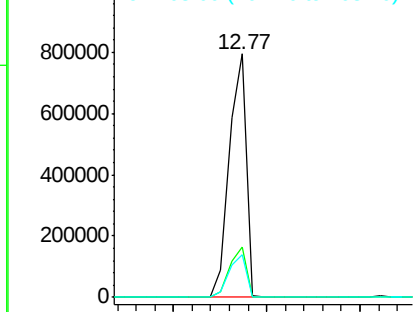
#77
 Pvrene
 Concen: 92.53 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1015385
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 24.8
 203 17.7 14.3 21.5

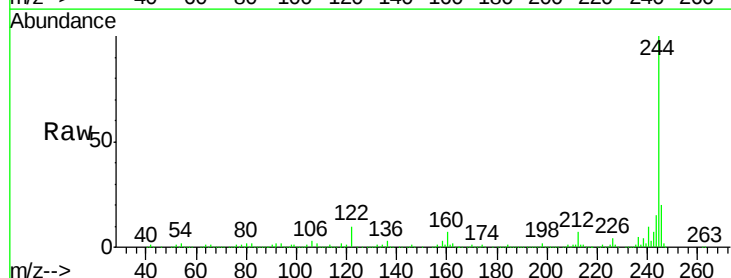


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

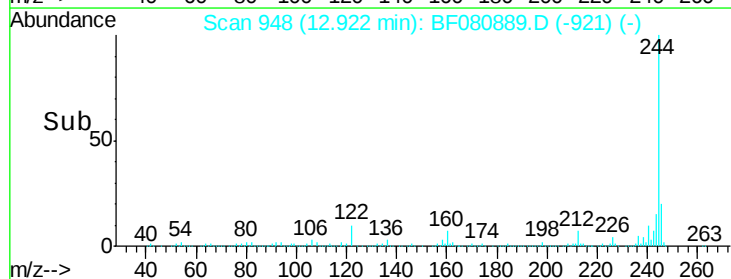
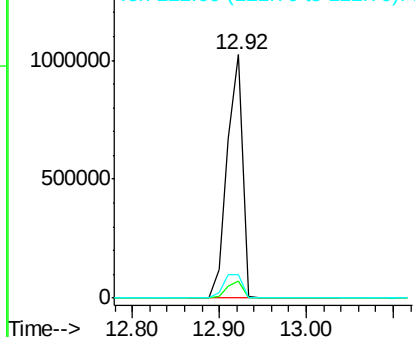


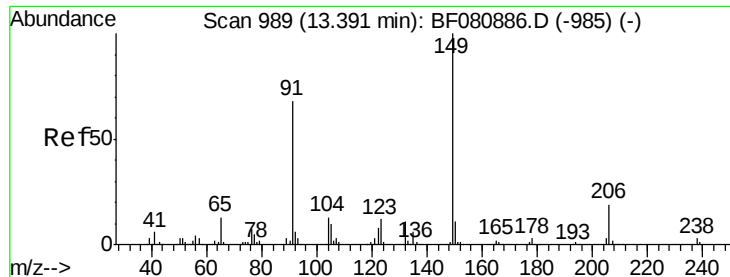
#78
 Terphenyl-d14
 Concen: 179.25 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:244 Resp: 1255218
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.9 10.6 16.0#



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

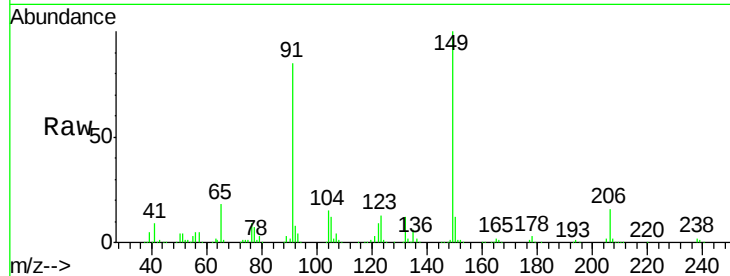




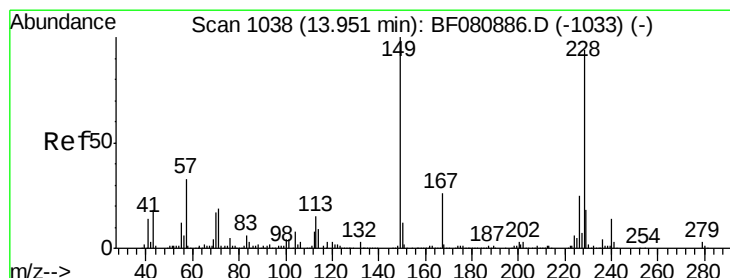
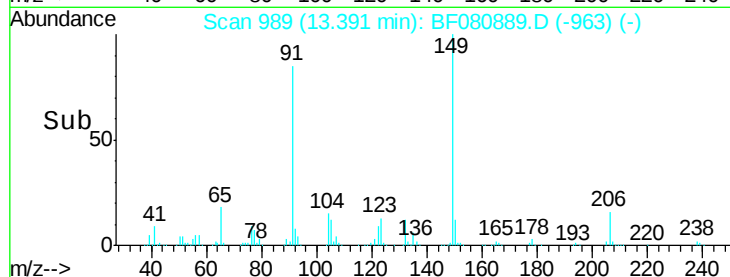
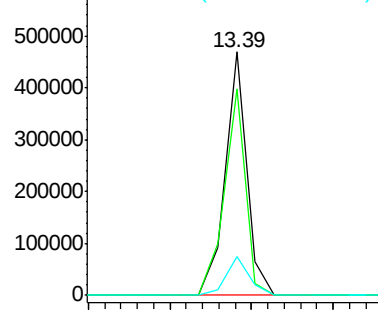
#79
Butylbenzylphthalate
Concen: 82.03 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.0	54.0	81.0
206	16.2	15.1	22.7

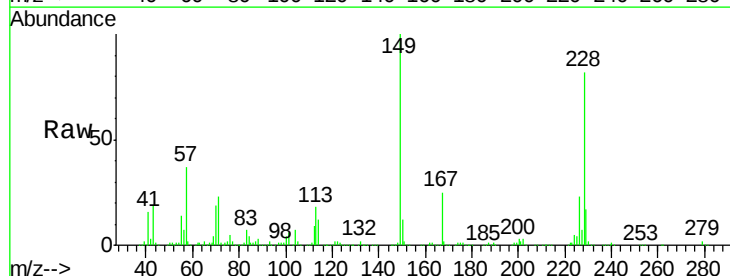


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

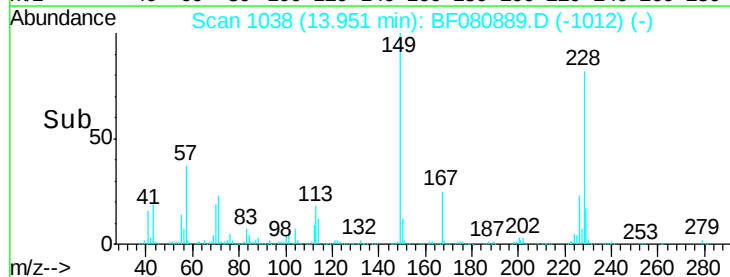
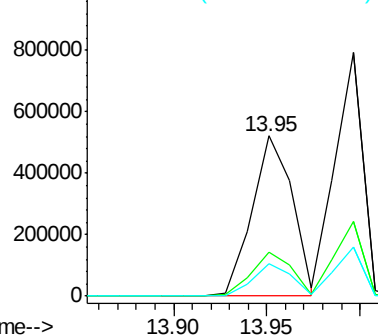


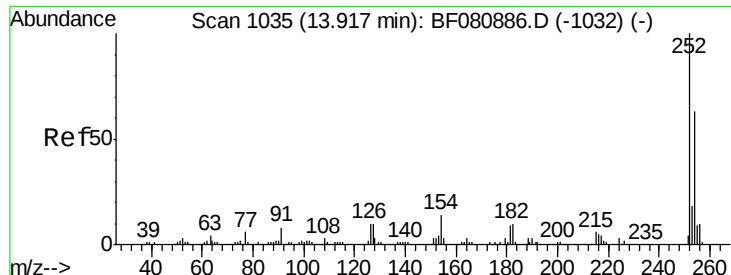
#80
Benzo(a)anthracene
Concen: 81.43 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.2
229	20.4	14.9	22.3



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

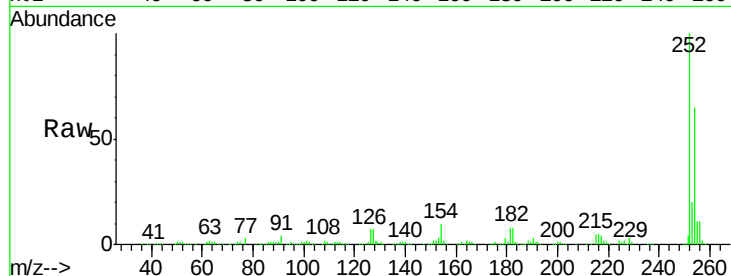




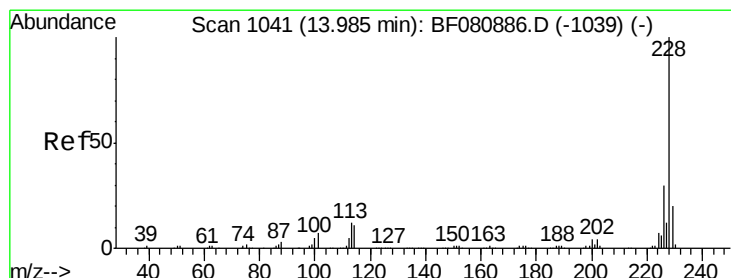
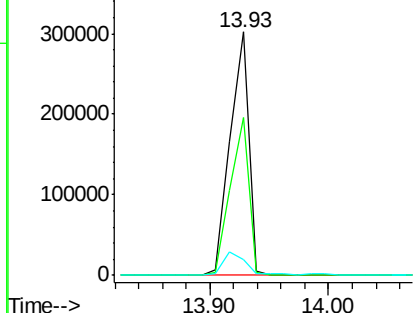
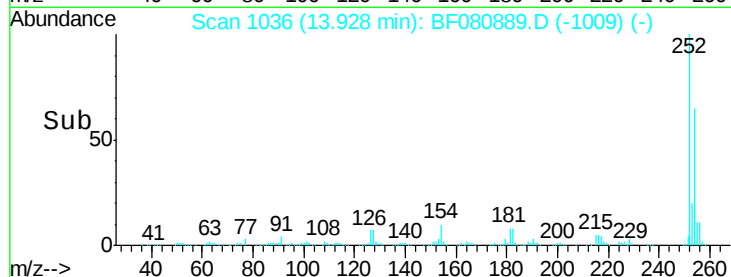
#81
 3,3'-Dichlorobenzidine
 Concen: 91.62 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 330848
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.0 75.0
 126 6.7 8.1 12.1#

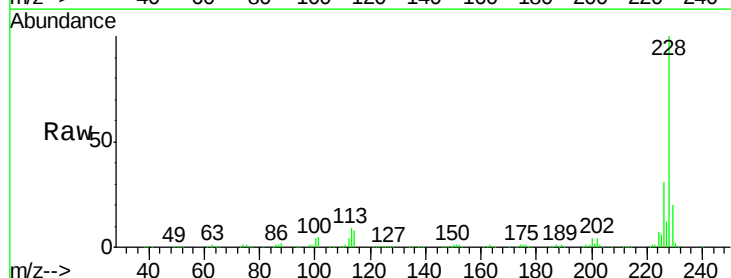


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

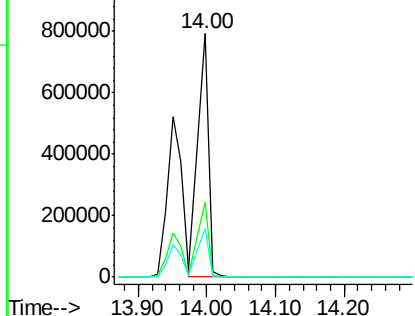
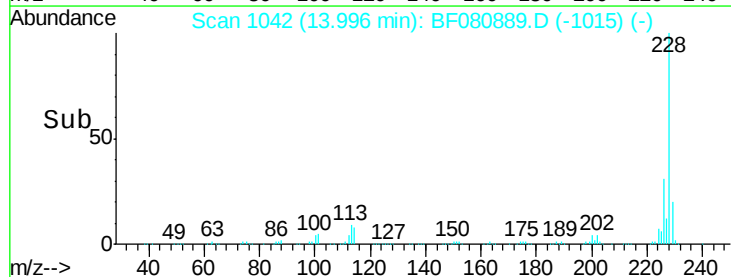


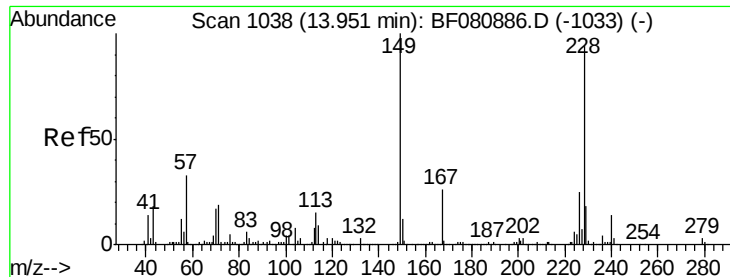
#82
 Chrysene
 Concen: 89.70 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:228 Resp: 826939
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.2 36.2
 229 20.0 16.2 24.2



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

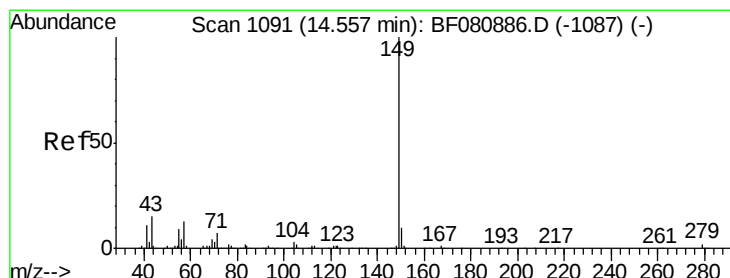
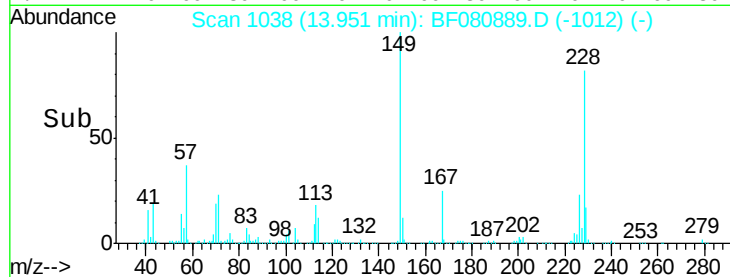
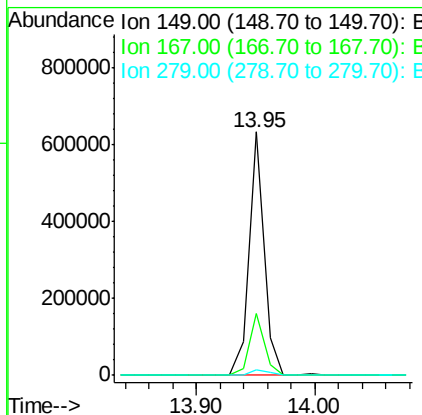
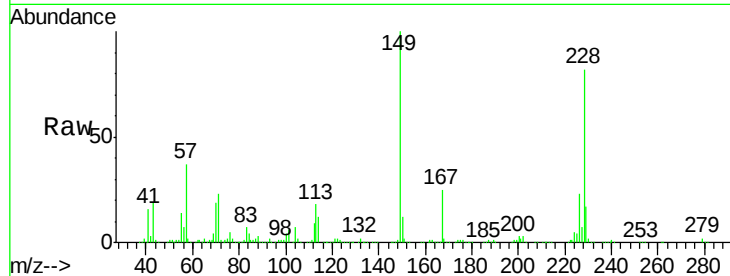




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.88 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

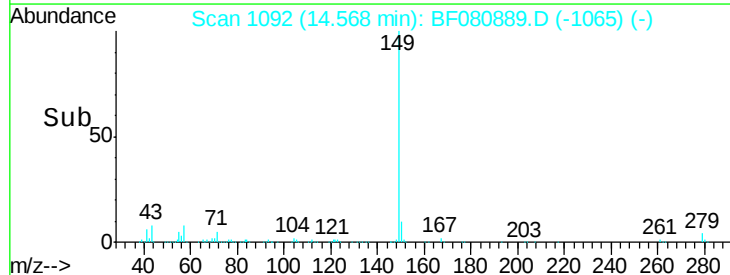
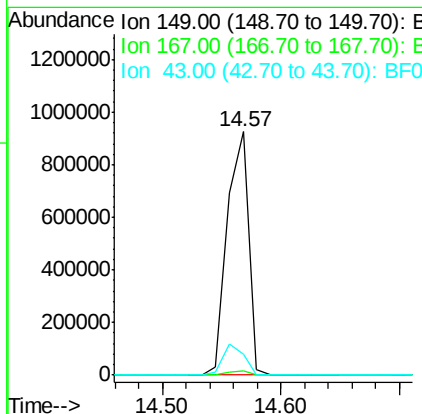
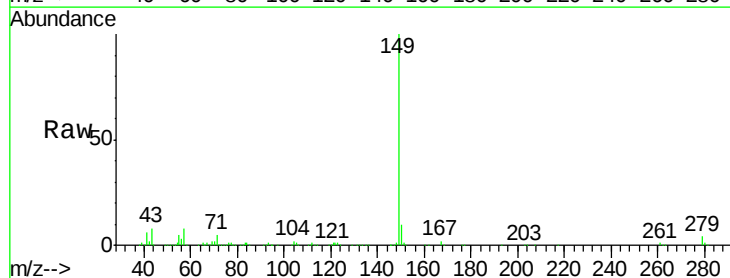
Instrument :
 BNA_F
 ClientSampleId :

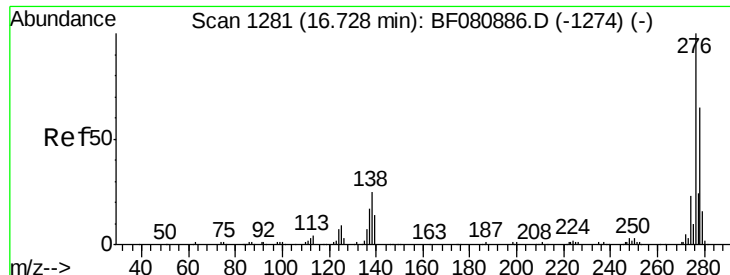
Tot Ion:149 Resp: 567362
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.6 31.0
 279 2.4 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 90.66 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF080889.D
 Acq: 6 Aug 2015 14:16

Tgt Ion:149 Resp: 1149323
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 12.5 11.5 17.3

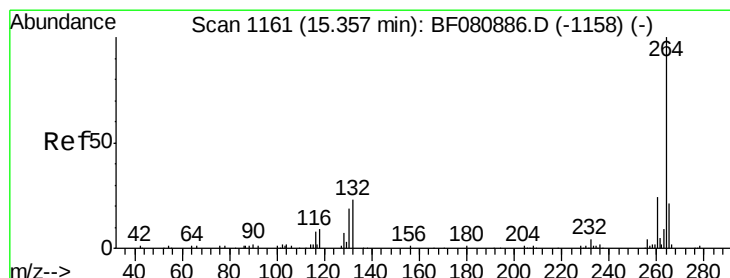
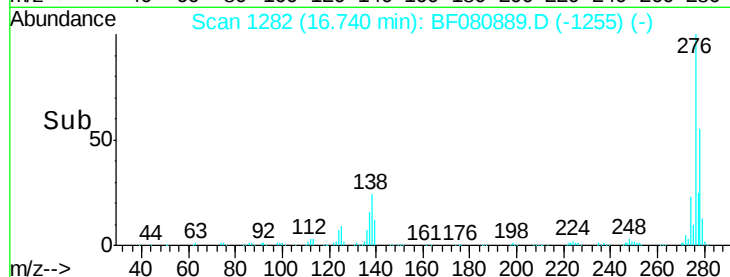
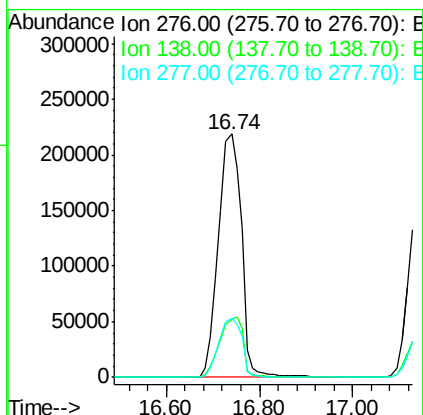
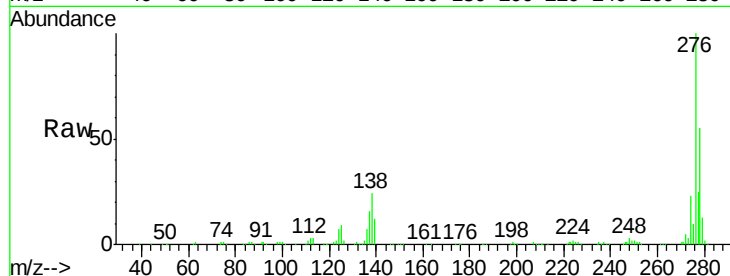




#85
Indeno(1,2,3-cd)pyrene
Concen: 83.65 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

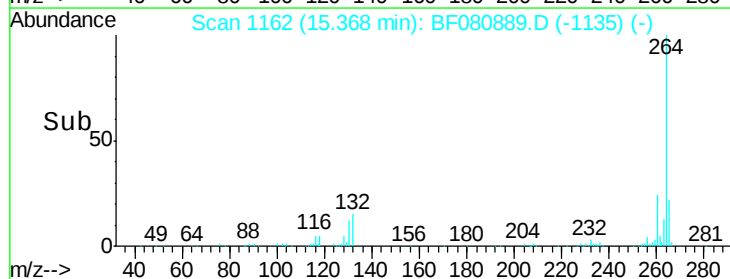
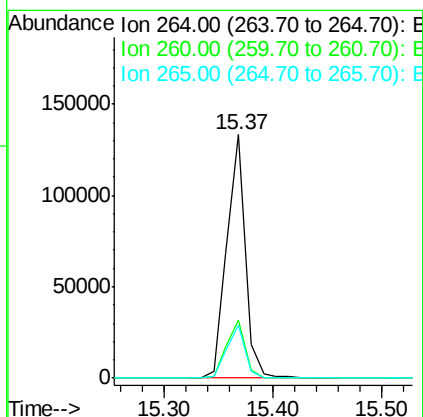
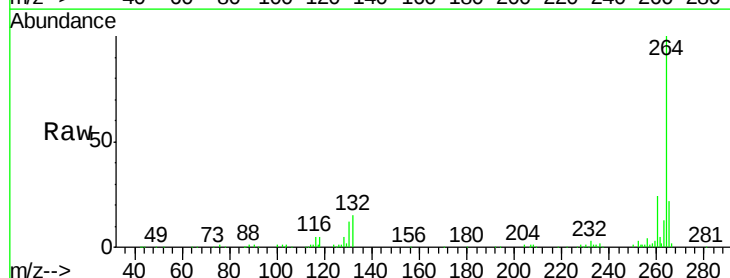
Instrument :
BNA_F
ClientSampleId :

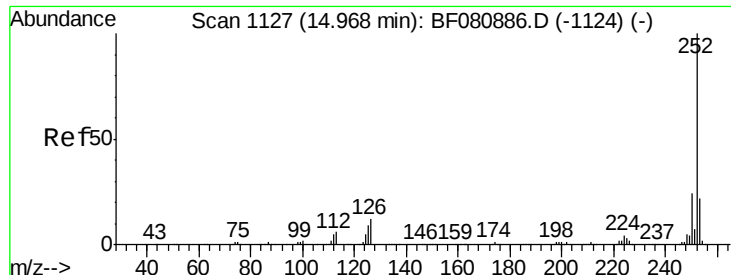
Tot Ion:276 Resp: 750877
Ion Ratio Lower Upper
276 100
138 25.4 20.7 31.1
277 24.7 19.4 29.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF080889.D
Acq: 6 Aug 2015 14:16

Tgt Ion:264 Resp: 157266
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.6 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 137.23 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

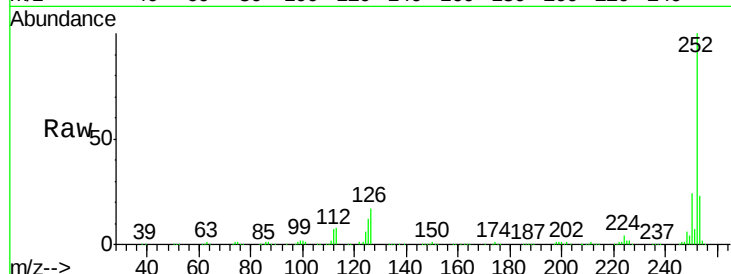
Tot Ion:252 Resp: 1515622

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

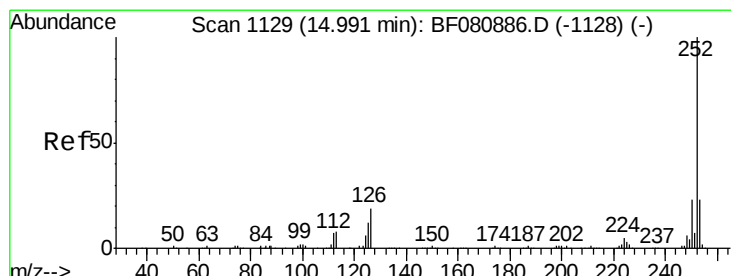
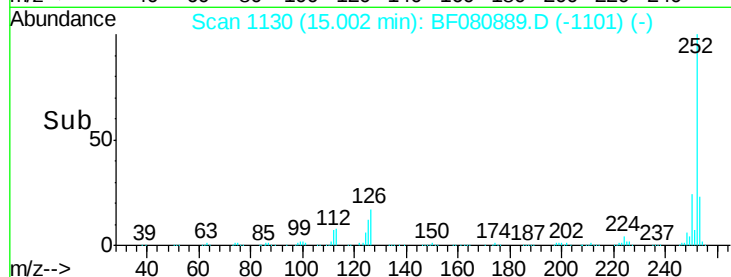
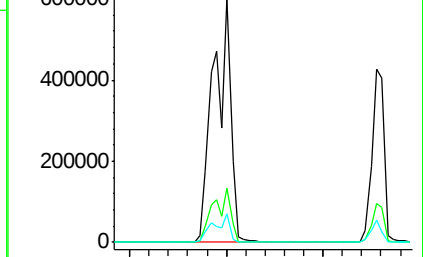
125 11.9 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 161.92 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

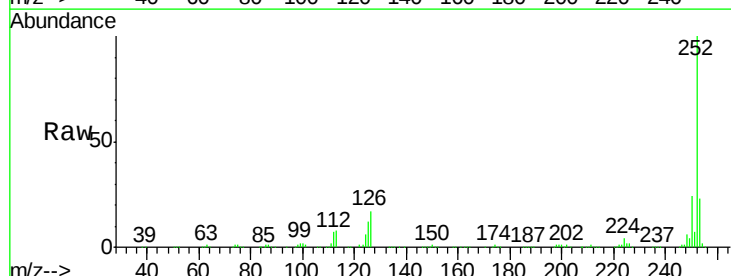
Tgt Ion:252 Resp: 1516157

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

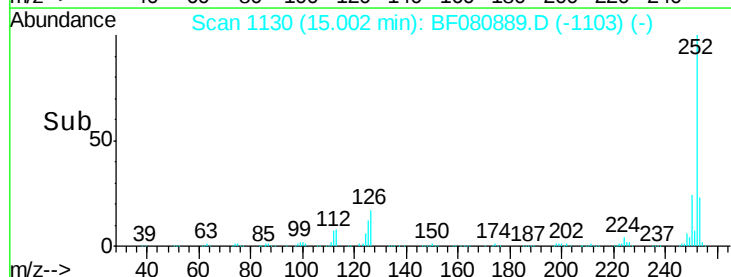
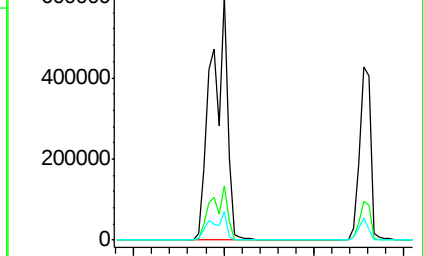
125 11.9 9.8 14.8

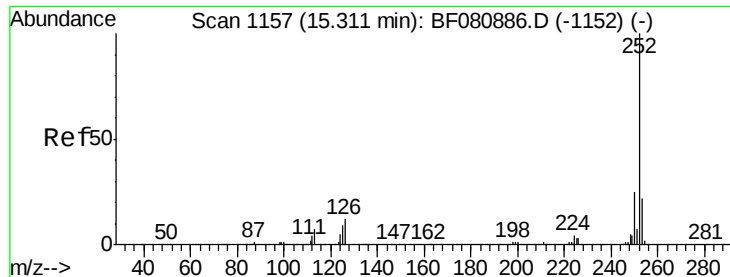


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 78.51 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

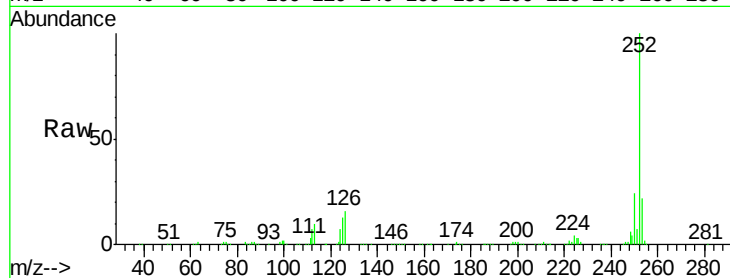
Tot Ion:252 Resp: 747268

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

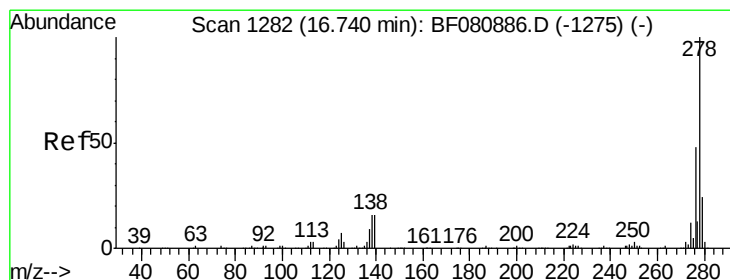
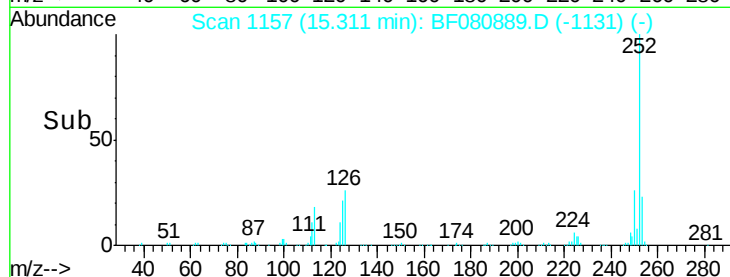
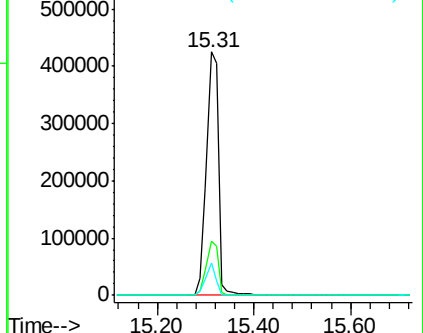
125 13.1 7.5 11.3#



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: 74.69 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

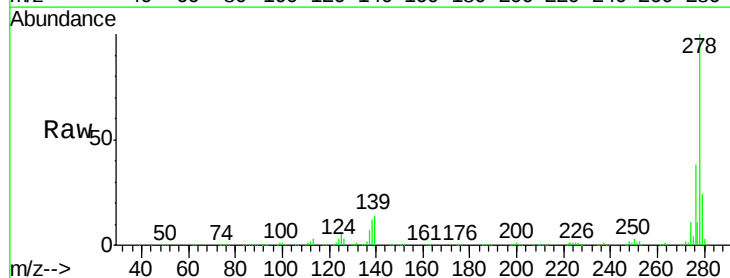
Tgt Ion:278 Resp: 612719

Ion Ratio Lower Upper

278 100

139 13.8 13.2 19.8

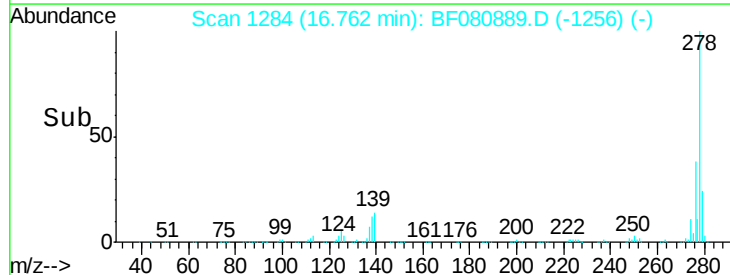
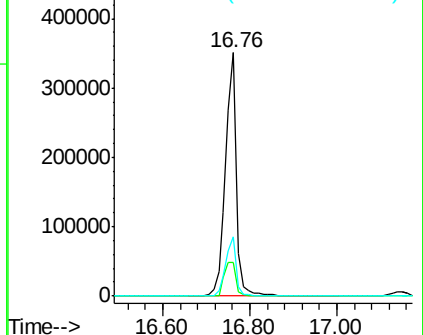
279 24.2 19.1 28.7

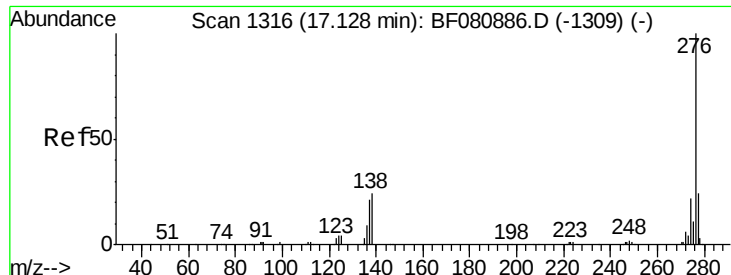


Abundance Ion 278.00 (277.70 to 278.70): E

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: 75.06 ng

RT: 17.15 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF080889.D

Acq: 6 Aug 2015 14:16

Instrument :

BNA_F

ClientSampleId :

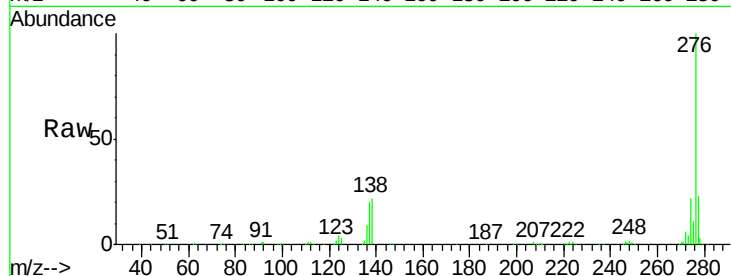
Tot Ion:276 Resp: 596968

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 22.4 19.1 28.7



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

