

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080883.D
 Acq On : 6 Aug 2015 11:01
 Operator : TP/UM
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:39:17 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	54615	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	210230	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	105007	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	202103	20.00	ng	0.00
75) Chrysene-d12	13.95	240	188836	20.00	ng	-0.01
86) Perylene-d12	15.36	264	180735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	17559	5.13	ng	0.00
7) Phenol-d6	6.43	99	24431	5.18	ng	-0.01
23) Nitrobenzene-d5	7.37	82	26758	6.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	5740	5.09	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	42808	5.81	ng	0.00
78) Terphenyl-d14	12.91	244	49928	5.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	4046	2.44	ng	98
3) Pyridine	3.15	79	8144	1.74	ng	97
4) n-Nitrosodimethylamine	3.00	42	4995	2.07	ng	# 96
6) Aniline	6.46	93	18307	2.62	ng	# 92
8) 2-Chlorophenol	6.58	128	9539	2.45	ng	86
9) Benzaldehyde	6.35	77	8506	2.62	ng	86
10) Phenol	6.44	94	15253	2.70	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	9721	2.43	ng	93
12) 1,3-Dichlorobenzene	6.75	146	10733	2.54	ng	94
13) 1,4-Dichlorobenzene	6.83	146	10694	2.49	ng	96
14) 1,2-Dichlorobenzene	6.98	146	10964	2.78	ng	96
15) Benzyl Alcohol	6.94	79	8793	2.35	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	22492	2.74	ng	98
17) 2-Methylphenol	7.06	107	9502	2.73	ng	97
18) Hexachloroethane	7.32	117	4267	2.62	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	8782	2.62	ng	# 97
20) 3+4-Methylphenols	7.22	107	11379	2.69	ng	94
22) Acetophenone	7.22	105	15057	2.86	ng	# 79
24) Nitrobenzene	7.39	77	11750	2.58	ng	# 77
25) Isophorone	7.63	82	24064	2.81	ng	96
26) 2-Nitrophenol	7.71	139	4829	2.53	ng	# 86
27) 2,4-Dimethylphenol	7.74	122	9971	2.72	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	14774	2.91	ng	99
29) 2,4-Dichlorophenol	7.95	162	7776	2.66	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	8718	2.69	ng	96
31) Naphthalene	8.11	128	31882	2.79	ng	100
32) Benzoic acid	7.79	122	2925	1.26	ng	# 87
33) 4-Chloroaniline	8.17	127	13157	2.79	ng	# 93
34) Hexachlorobutadiene	8.24	225	5321	2.89	ng	98
35) Caprolactam	8.49	113	2745	2.52	ng	# 73
36) 4-Chloro-3-methylphenol	8.64	107	9057	2.58	ng	94
37) 2-Methylnaphthalene	8.81	142	22399	3.18	ng	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	8315	2.60	ng	99
40) Hexachlorocyclopentadiene	8.97	237	3552	1.94	ng	92

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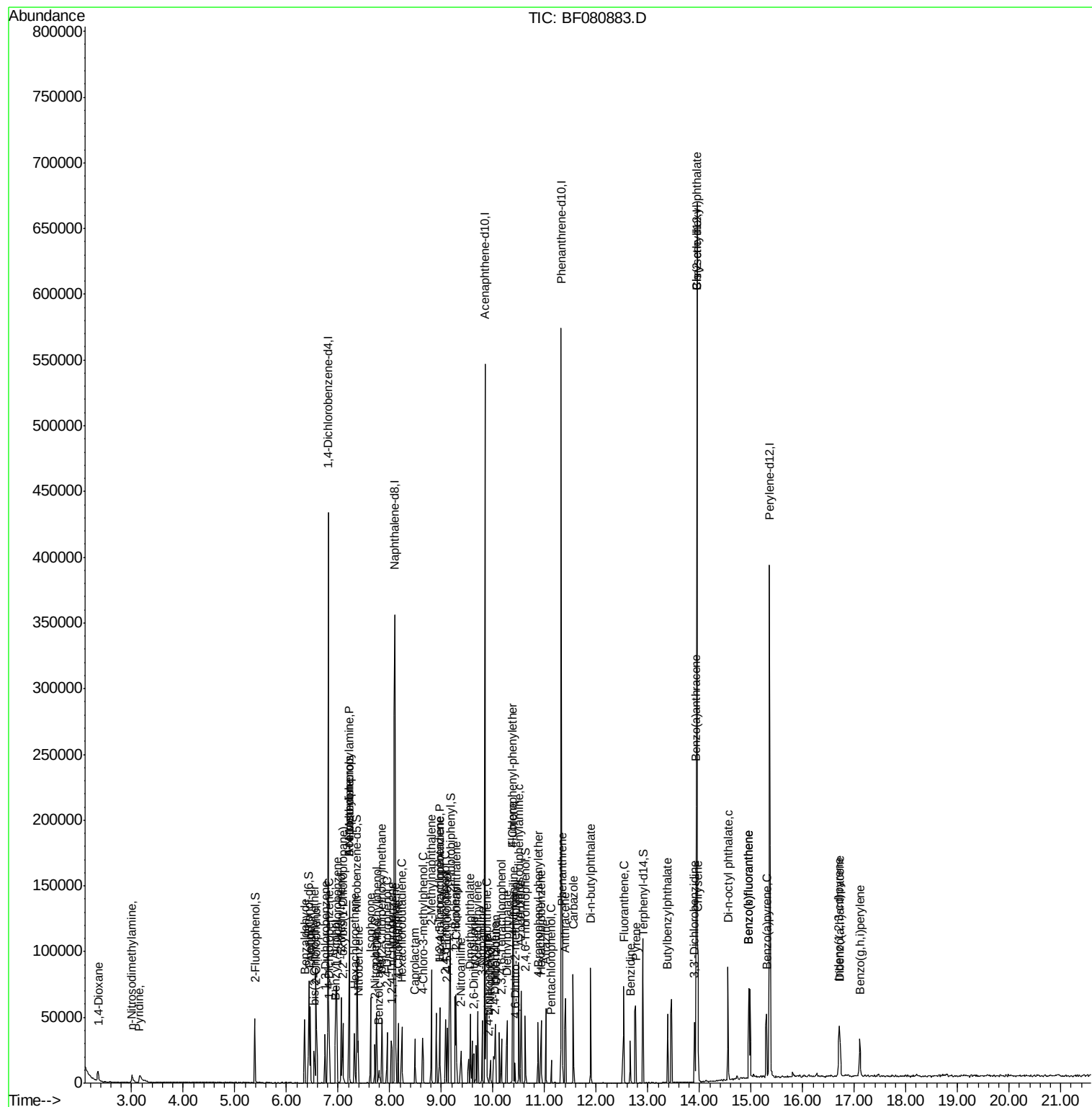
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	6457	2.74	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	5882	2.49	nq	# 85
45) 1,1'-Biphenyl	9.26	154	23378	2.63	nq	95
46) 2-Chloronaphthalene	9.29	162	18502	2.66	nq	# 91
47) 2-Nitroaniline	9.38	65	6369	2.25	nq	# 82
48) Acenaphthylene	9.70	152	32217	2.64	nq	98
49) Dimethylphthalate	9.56	163	20729	2.49	nq	99
50) 2,6-Dinitrotoluene	9.63	165	4257	2.38	nq	# 50
51) Acenaphthene	9.88	154	19076	2.58	nq	98
52) 3-Nitroaniline	9.79	138	5323	2.41	nq	94
53) 2,4-Dinitrophenol	9.90	184	657	0.67	nq	86
54) Dibenzofuran	10.05	168	27295	2.72	nq	91
55) 4-Nitrophenol	9.95	139	3581	2.15	nq	90
56) 2,4-Dinitrotoluene	10.03	165	5224	2.17	nq	# 58
57) Fluorene	10.38	166	22048	2.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	4926	2.60	nq	# 93
59) Diethylphthalate	10.27	149	23741	2.61	nq	# 92
60) 4-Chlorophenyl-phenylether	10.38	204	10629	2.89	nq	95
61) 4-Nitroaniline	10.40	138	5541	2.44	nq	92
62) Azobenzene	10.54	77	25429	2.55	nq	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	1893	1.44	nq	88
65) n-Nitrosodiphenylamine	10.50	169	21107	2.93	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	6650	3.03	nq	# 86
67) Hexachlorobenzene	10.93	284	6444	2.71	nq	# 68
68) Atrazine	11.02	200	5299	2.55	nq	92
69) Pentachlorophenol	11.13	266	2493	1.87	nq	99
70) Phenanthrene	11.34	178	35052	2.96	nq	98
71) Anthracene	11.40	178	33636	2.89	nq	99
72) Carbazole	11.55	167	33049	2.81	nq	99
73) Di-n-butylphthalate	11.89	149	40699	2.84	nq	98
74) Fluoranthene	12.53	202	37220	2.88	nq	93
76) Benzidine	12.66	184	16085	2.09	nq	98
77) Pyrene	12.76	202	37746	2.69	nq	96
79) Butylbenzylphthalate	13.38	149	15537	2.31	nq	# 64
80) Benzo(a)anthracene	13.94	228	34987	2.84	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	11464	2.48	nq	# 97
82) Chrysene	13.97	228	32405	2.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	23291	2.53	nq	# 96
84) Di-n-octyl phthalate	14.56	149	40177	2.48	nq	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	28085	2.45	nq	99
87) Benzo(b)fluoranthene	14.96	252	63768	5.02	nq	98
88) Benzo(k)fluoranthene	14.96	252	63768	5.93	nq	# 96
89) Benzo(a)pyrene	15.30	252	27648	2.53	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	23904	2.54	nq	98
91) Benzo(g,h,i)perylene	17.11	276	22868	2.50	nq	95

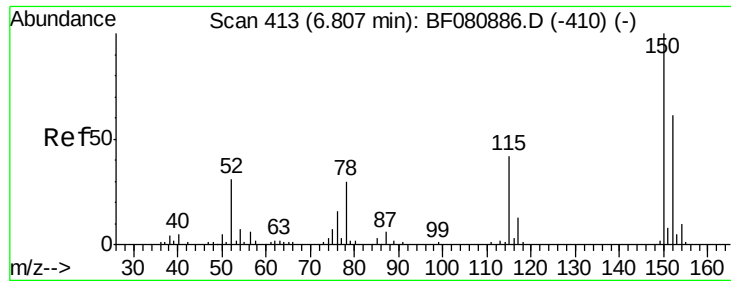
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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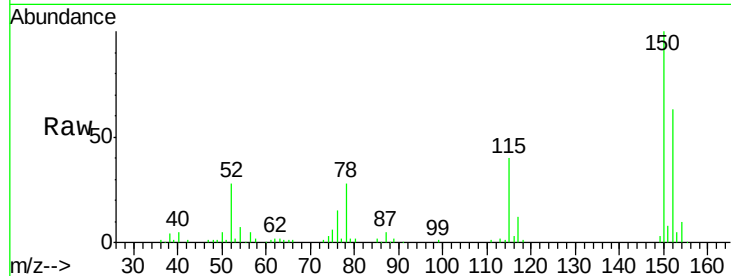


#1

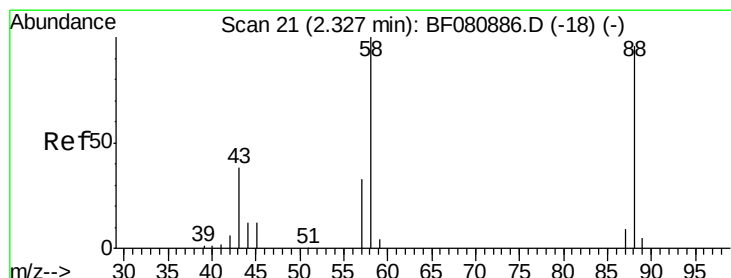
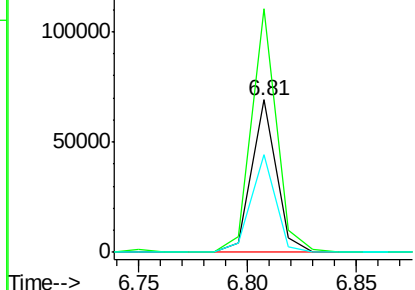
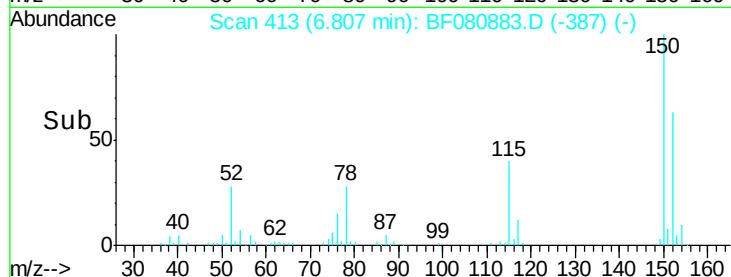
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54615
Ion Ratio Lower Upper
152 100
150 159.9 132.2 198.2
115 63.9 54.9 82.3



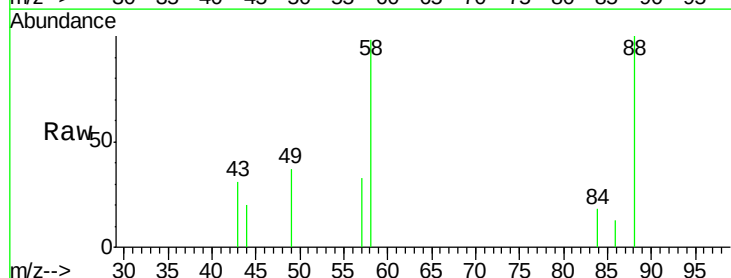
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



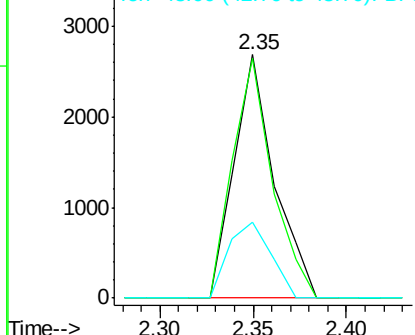
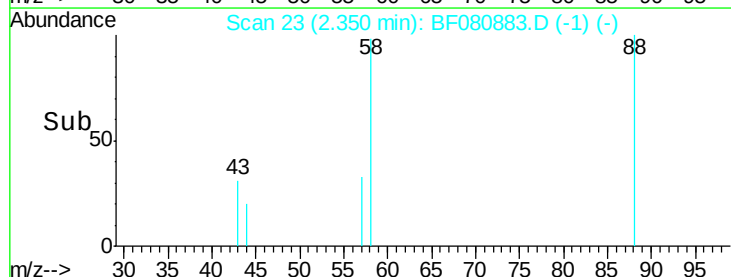
#2

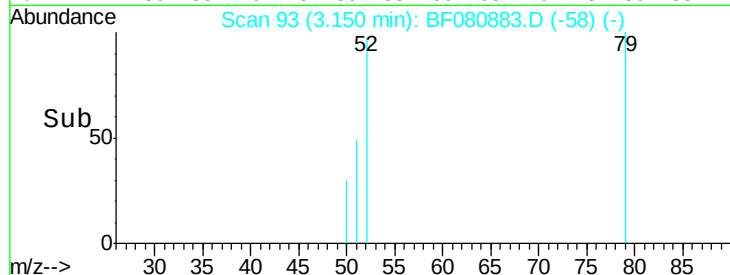
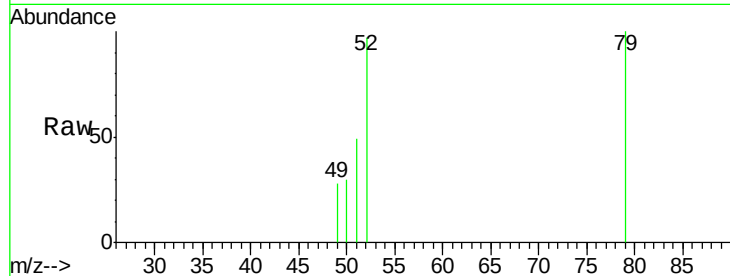
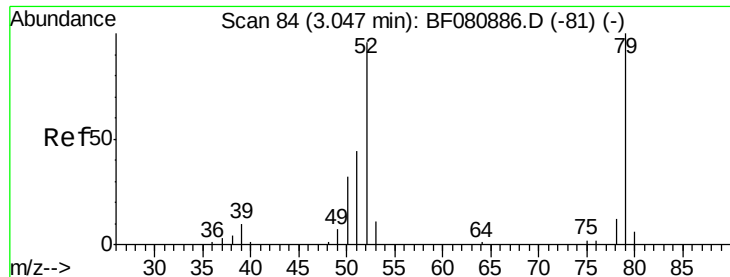
1,4-Dioxane
Concen: 2.44 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 88 Resp: 4046
Ion Ratio Lower Upper
88 100
58 97.3 78.2 117.4
43 32.6 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

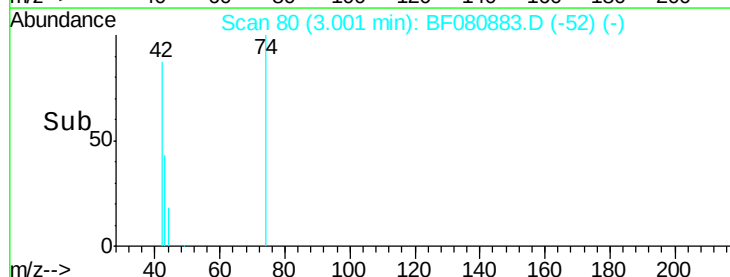
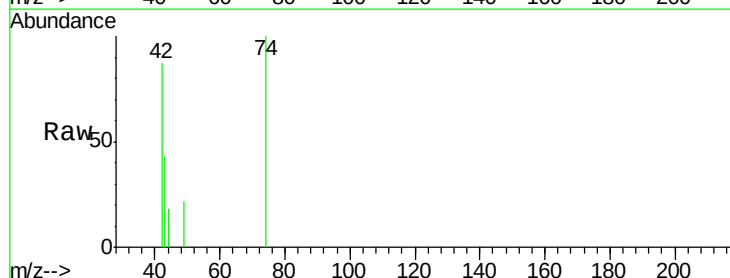
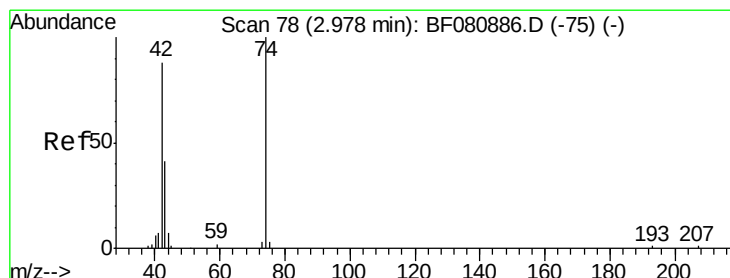
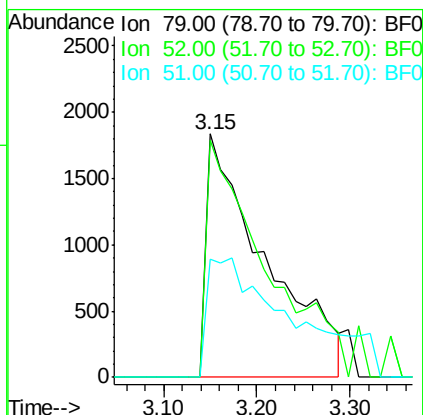




#3
 Pvridine
 Concen: 1.74 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.10 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

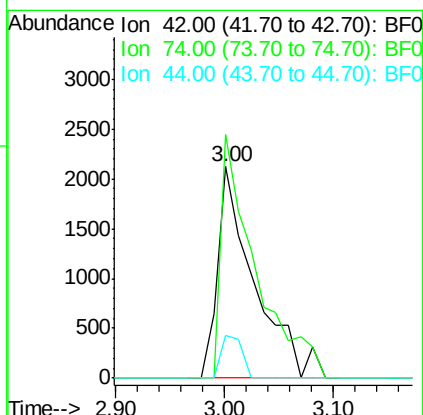
Instrument :
 BNA_F
 ClientSampled :

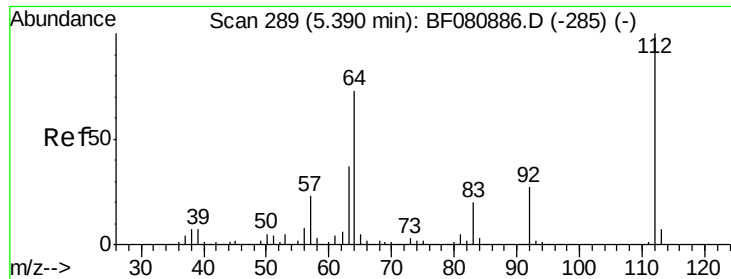
Tot Ion: 79 Resp: 8144
 Ion Ratio Lower Upper
 79 100
 52 97.2 76.7 115.1
 51 48.6 35.8 53.6



#4
 n-Nitrosodimethylamine
 Concen: 2.07 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion: 42 Resp: 4995
 Ion Ratio Lower Upper
 42 100
 74 115.3 90.6 135.8
 44 20.4 6.6 10.0#





#5

2-Fluorophenol

Concen: 5.13 ng

RT: 5.39 min Scan# 289

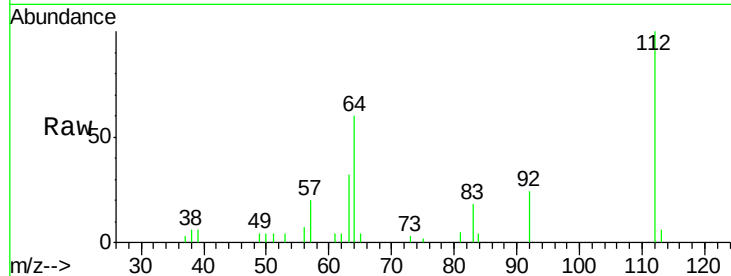
Delta R.T. -0.00 min

Lab File: BF080883.D

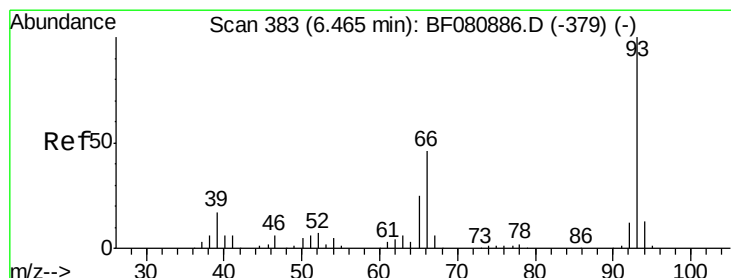
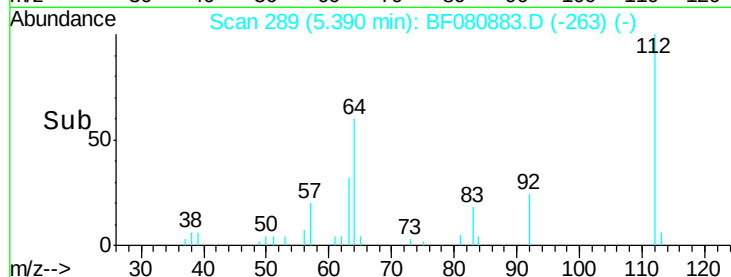
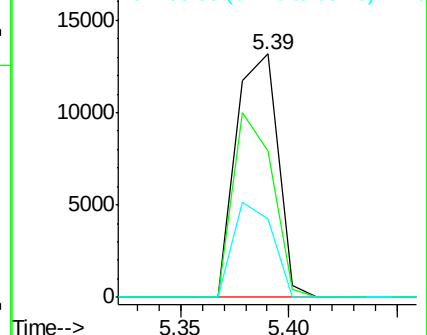
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	17559
Ion	Ratio	Lower	Upper
112	100		
64	60.3	58.0	87.0
63	32.0	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 2.62 ng

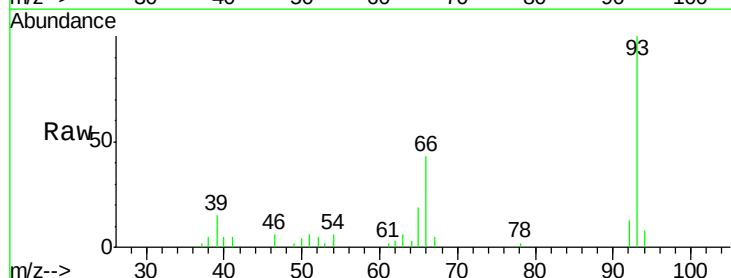
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

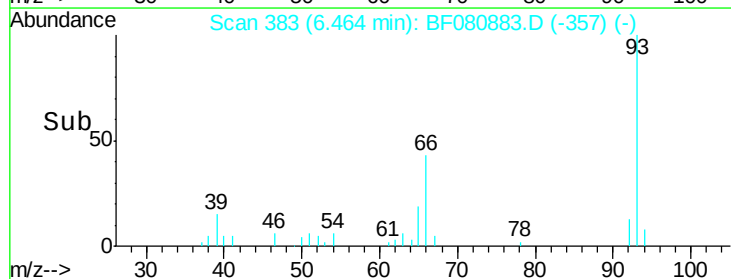
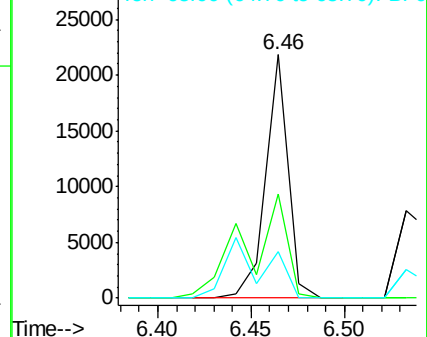
Lab File: BF080883.D

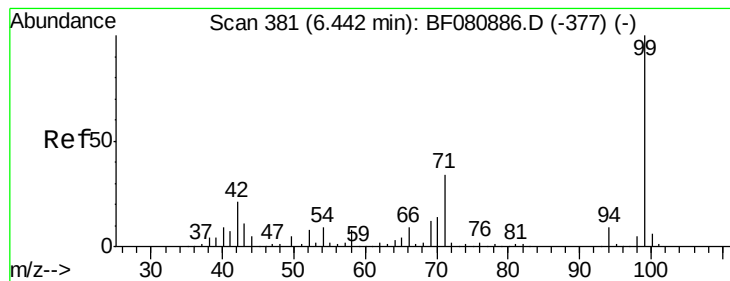
Acq: 6 Aug 2015 11:01

Tgt Ion:	93	Resp:	18307
Ion	Ratio	Lower	Upper
93	100		
66	42.6	37.4	56.0
65	19.1	19.8	29.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 5.18 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

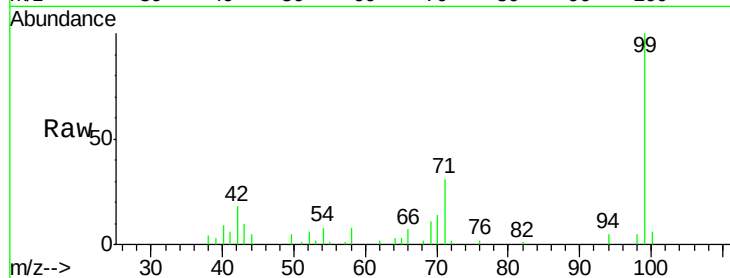
Tot Ion: 99 Resp: 24431

Ion Ratio Lower Upper

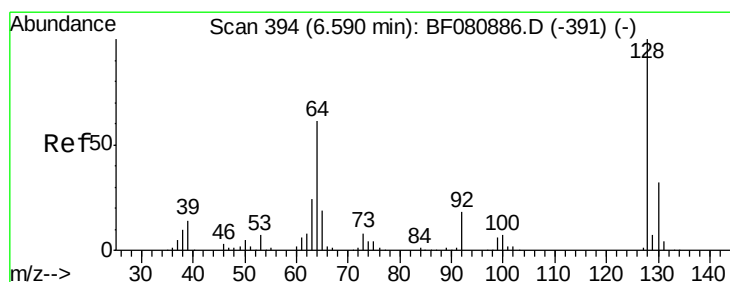
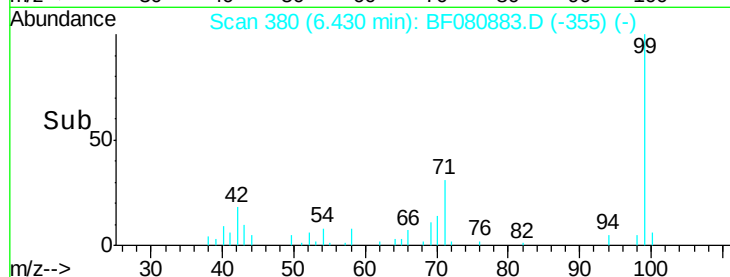
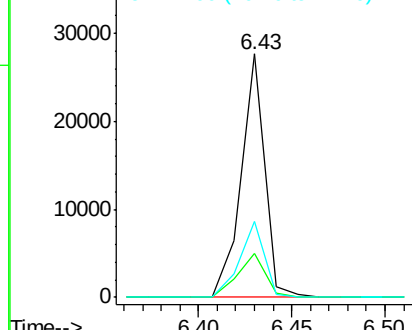
99 100

42 18.1 16.8 25.2

71 31.1 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: 2.45 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

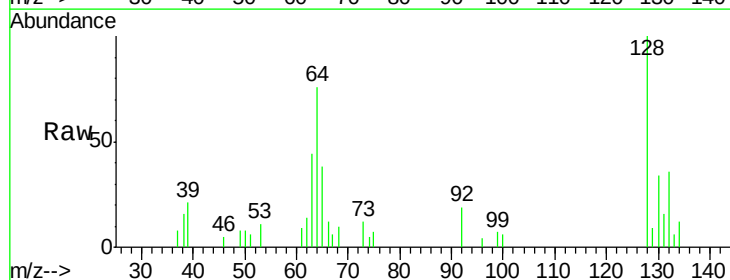
Tgt Ion: 128 Resp: 9539

Ion Ratio Lower Upper

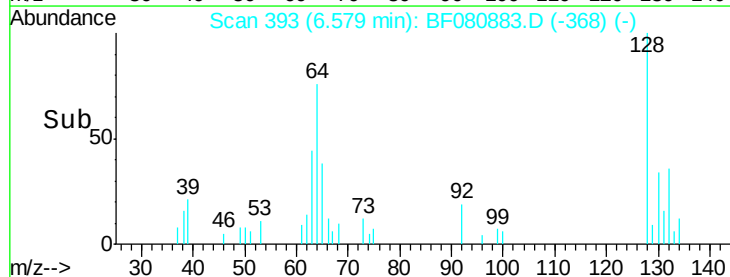
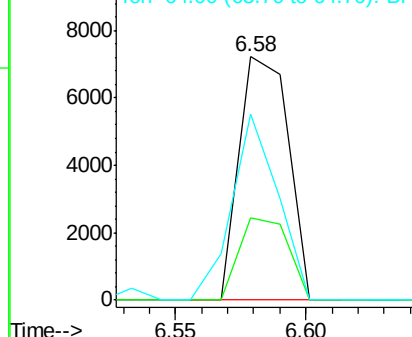
128 100

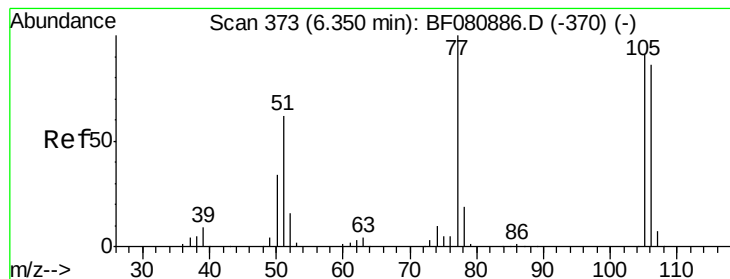
130 33.7 12.1 52.1

64 76.2 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: 2.62 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampled :

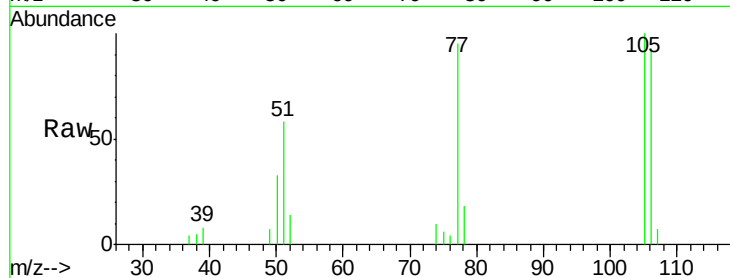
Tot Ion: 77 Resp: 8506

Ion Ratio Lower Upper

77 100

105 104.8 70.7 110.7

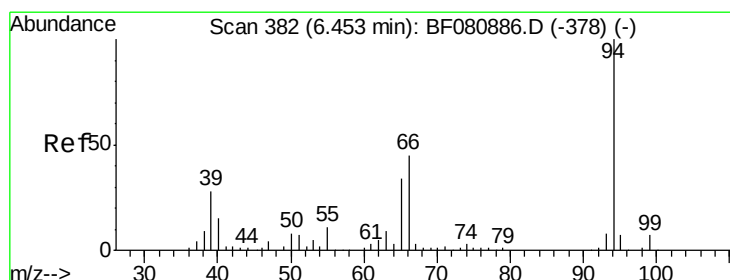
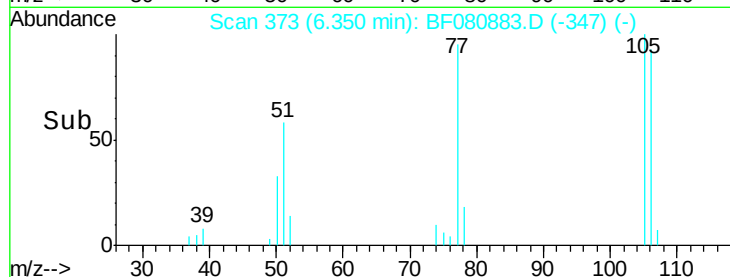
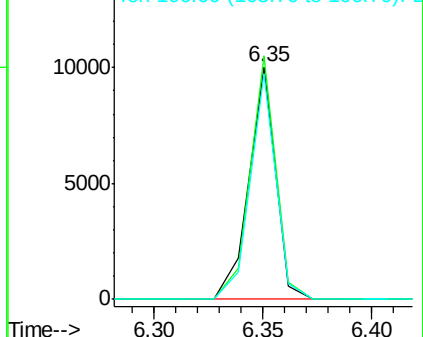
106 97.3 66.1 106.1



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: 2.70 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

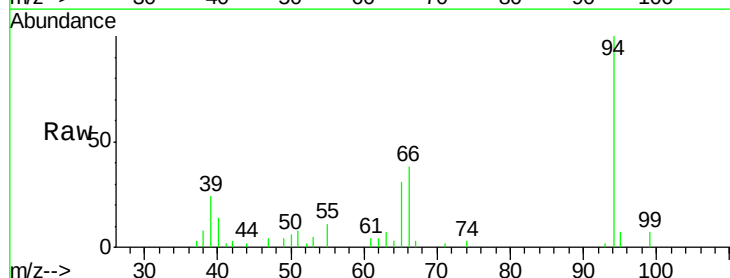
Tgt Ion: 94 Resp: 15253

Ion Ratio Lower Upper

94 100

65 30.8 14.0 54.0

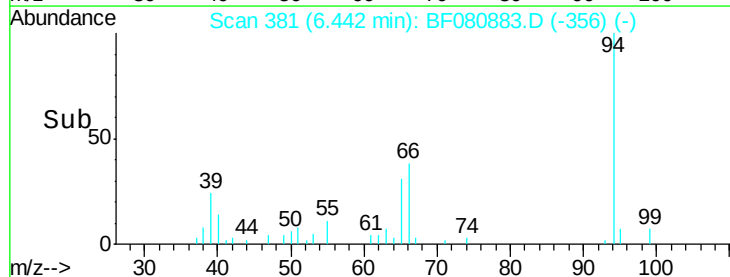
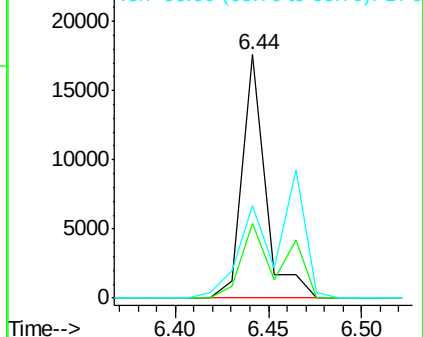
66 38.2 24.6 64.6

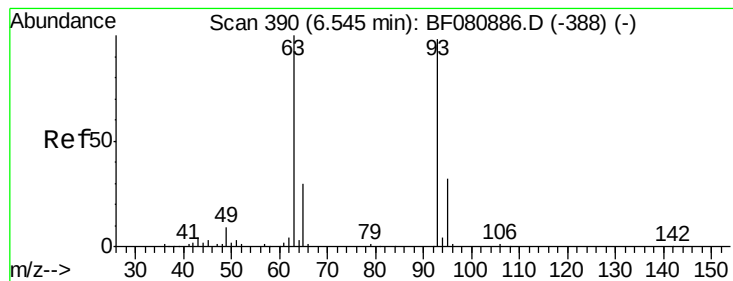


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

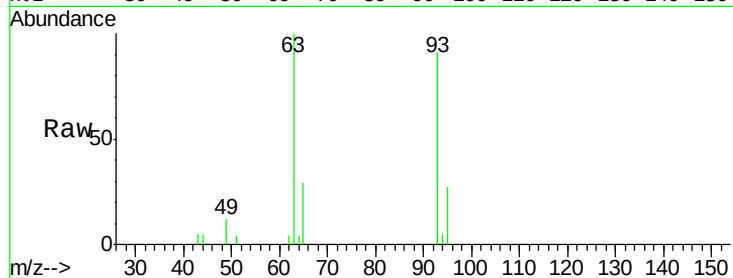




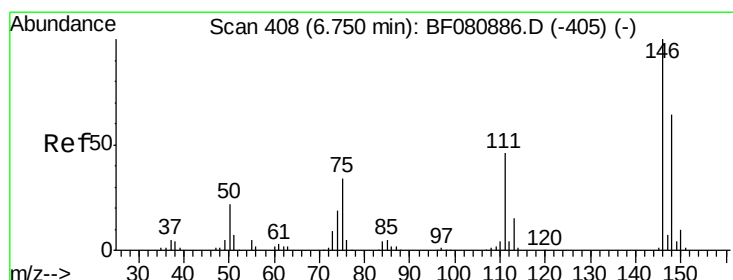
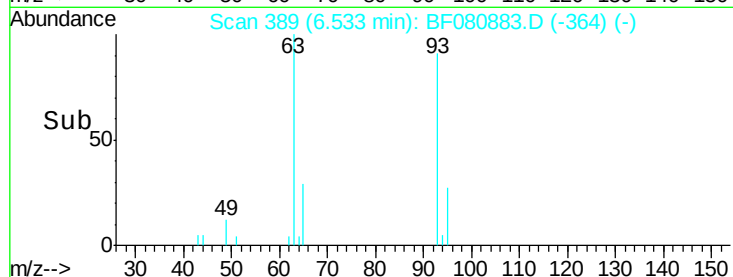
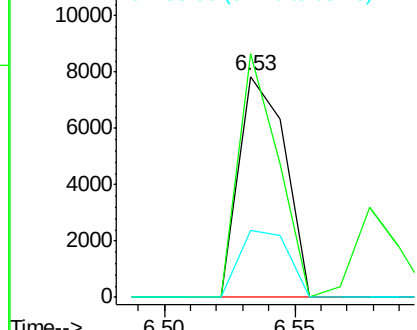
#11
bis(2-Chloroethyl)ether
Concen: 2.43 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 9721
Ion Ratio Lower Upper
93 100
63 110.1 81.4 121.4
95 30.2 12.1 52.1

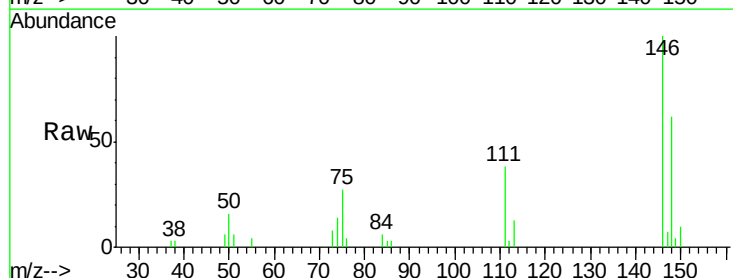


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

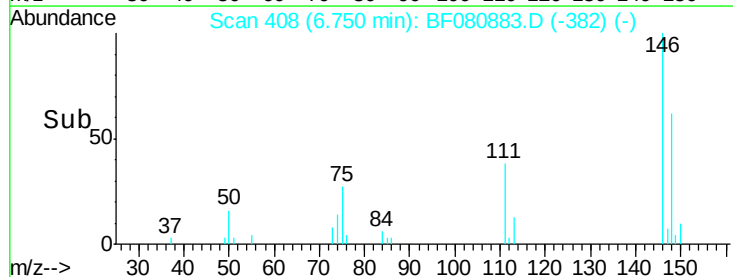
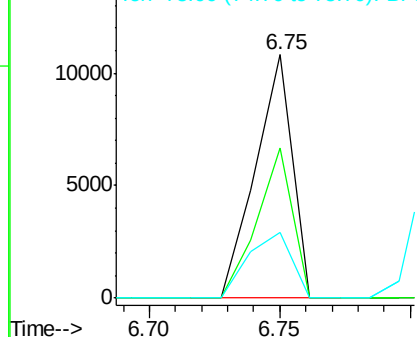


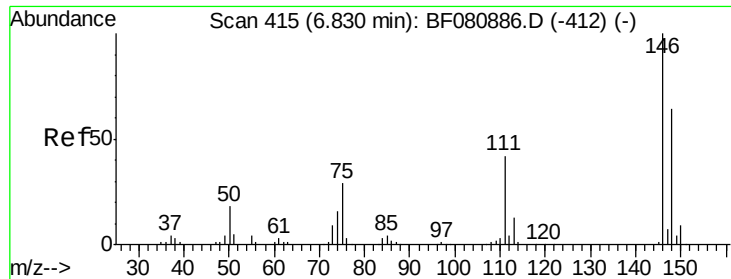
#12
1,3-Dichlorobenzene
Concen: 2.54 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 146 Resp: 10733
Ion Ratio Lower Upper
146 100
148 61.7 51.3 76.9
75 27.1 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

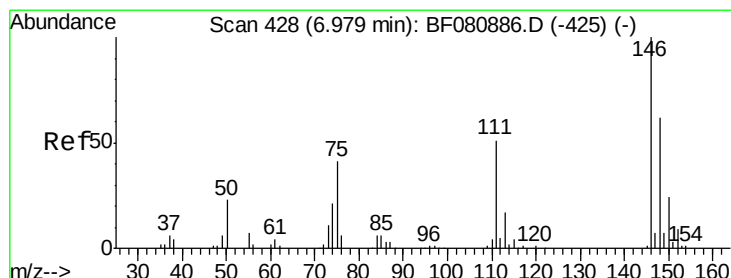
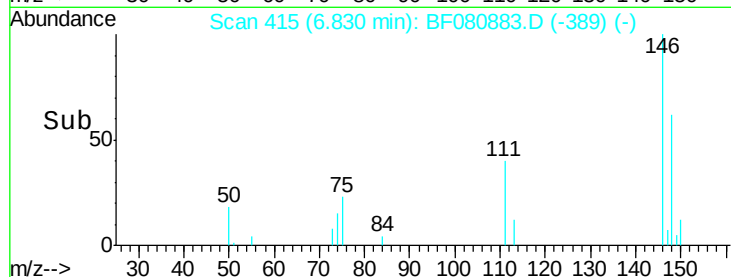
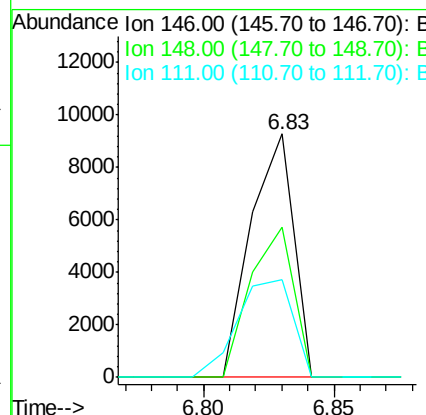
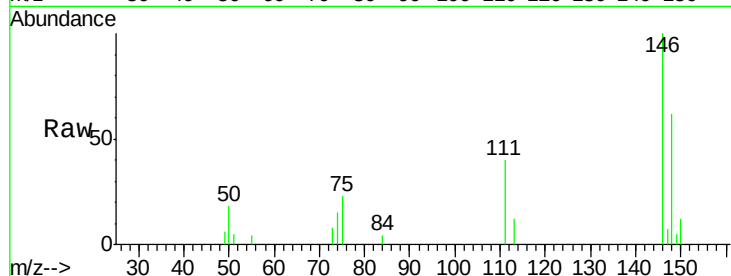




#13
 1,4-Dichlorobenzene
 Concen: 2.49 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

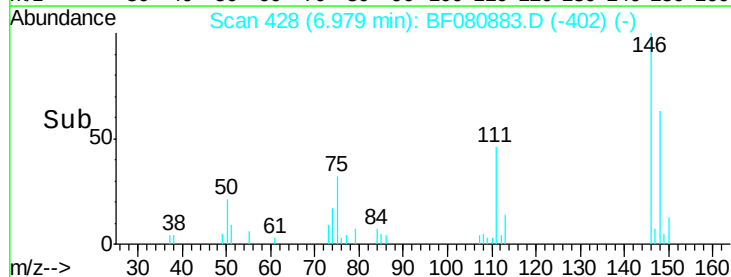
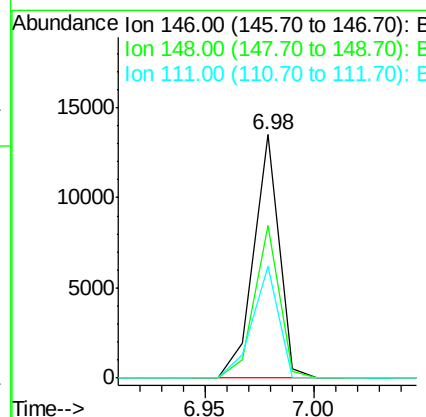
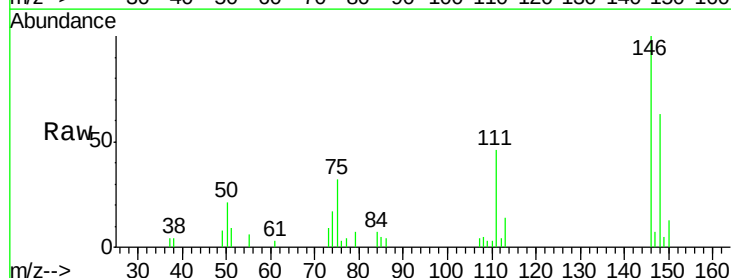
Instrument :
 BNA_F
 ClientSampleId :

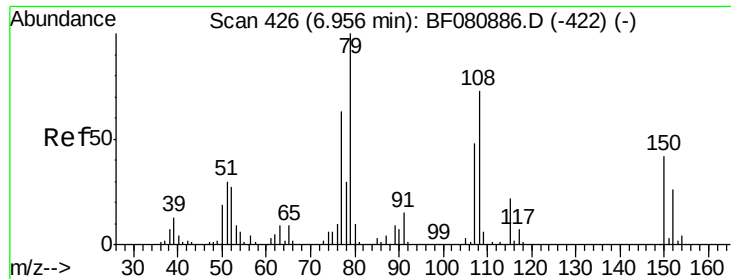
Tot Ion:146 Resp: 10694
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.5 77.3
 111 40.1 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 2.78 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:146 Resp: 10964
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.0 75.0
 111 45.8 41.0 61.6





#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

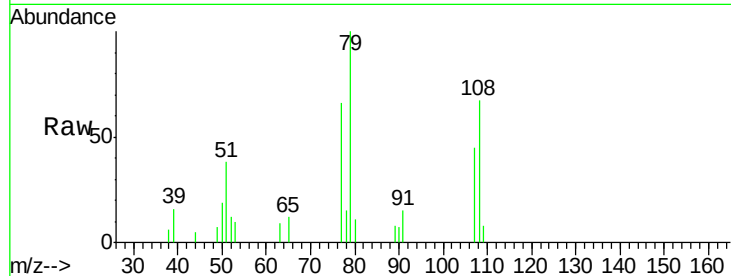
Tot Ion: 79 Resp: 8793

Ion Ratio Lower Upper

79 100

108 67.4 58.2 87.2

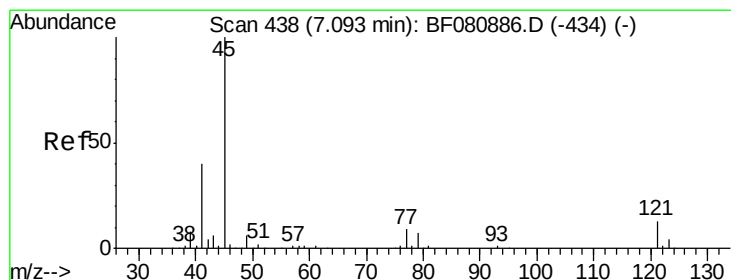
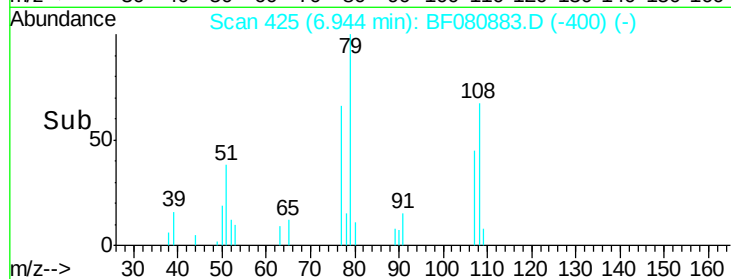
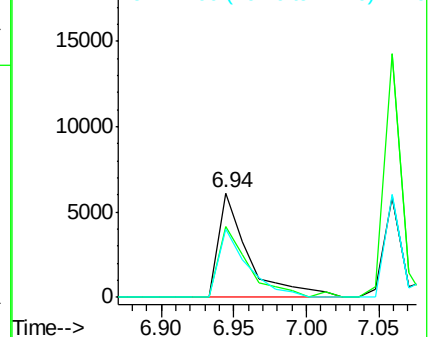
77 65.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.74 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

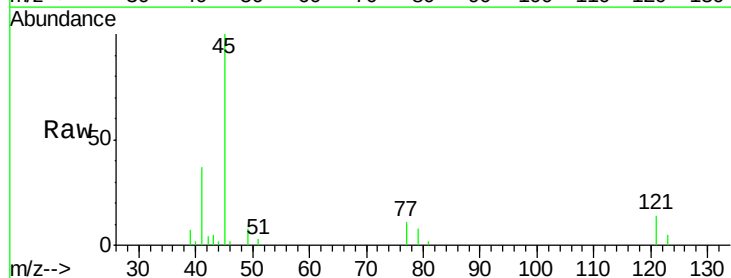
Tgt Ion: 45 Resp: 22492

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.1

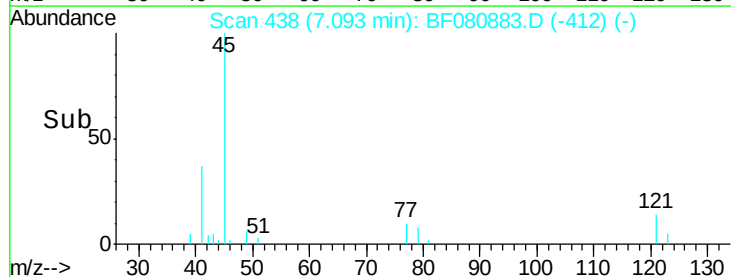
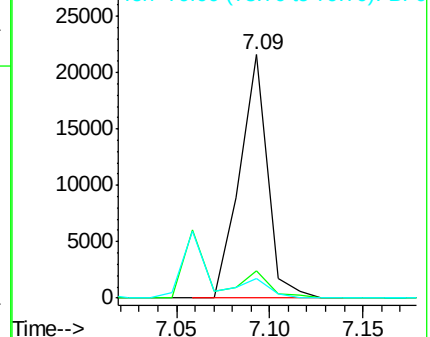
79 8.1 0.0 27.6

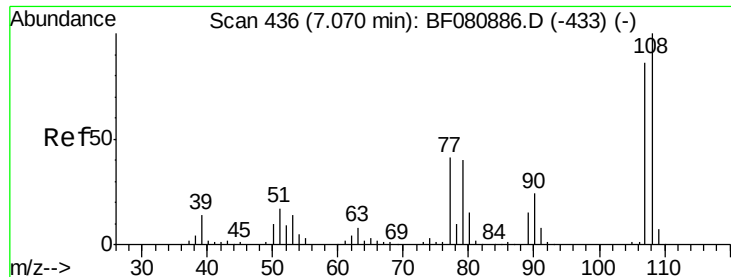


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

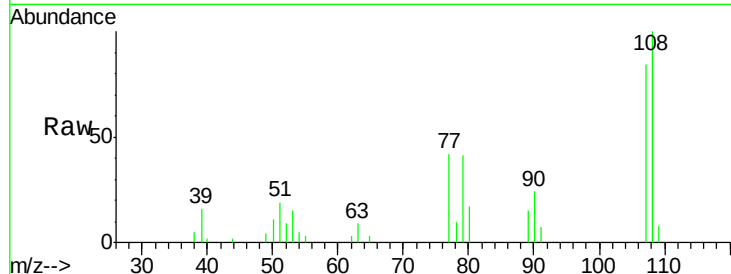




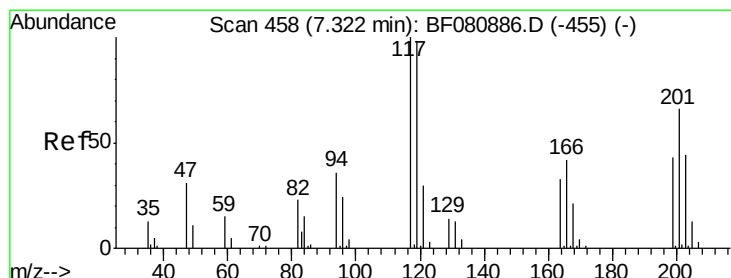
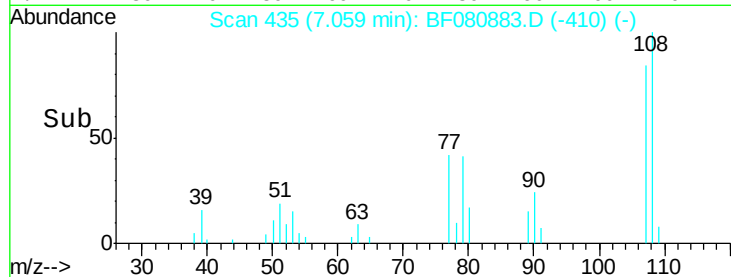
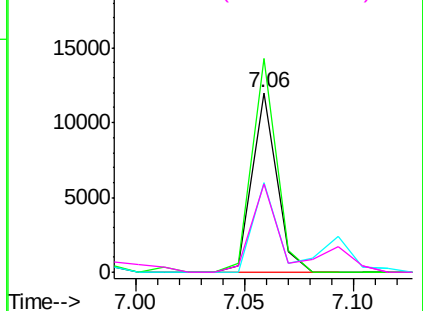
#17
2-Methylphenol
Concen: 2.73 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 9502
Ion Ratio Lower Upper
107 100
108 118.9 93.1 139.7
77 49.9 38.2 57.2
79 49.0 37.7 56.5

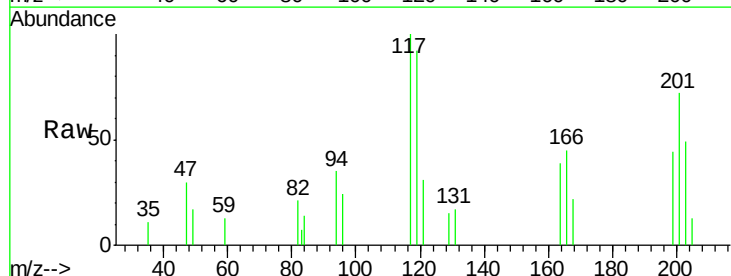


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

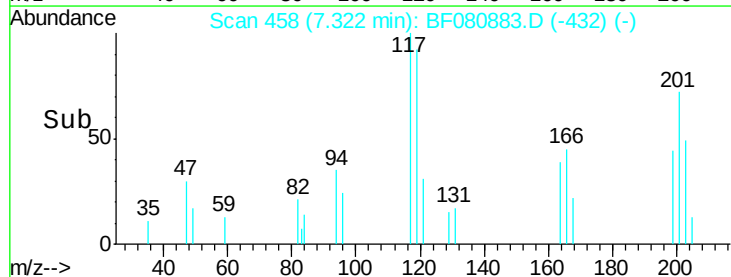
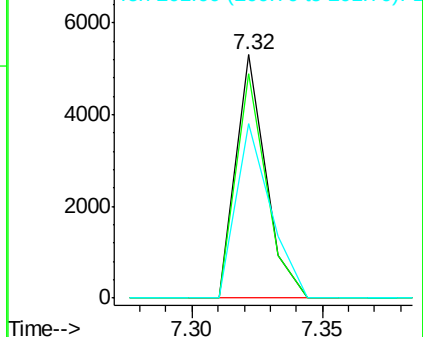


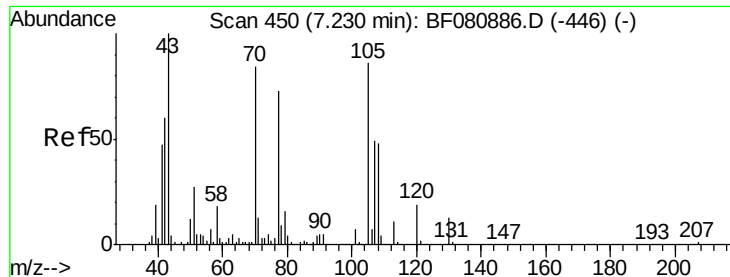
#18
Hexachloroethane
Concen: 2.62 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:117 Resp: 4267
Ion Ratio Lower Upper
117 100
119 92.4 78.4 117.6
201 71.8 53.1 79.7



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

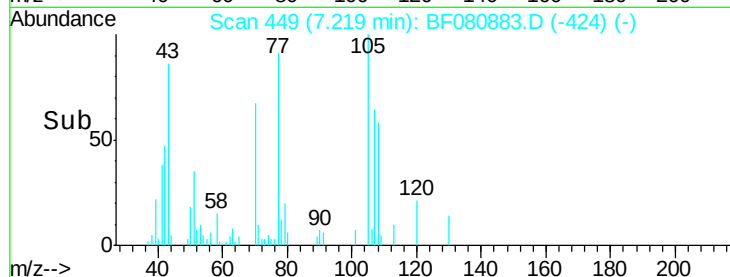
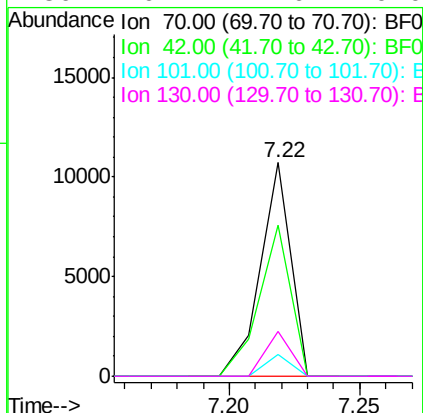
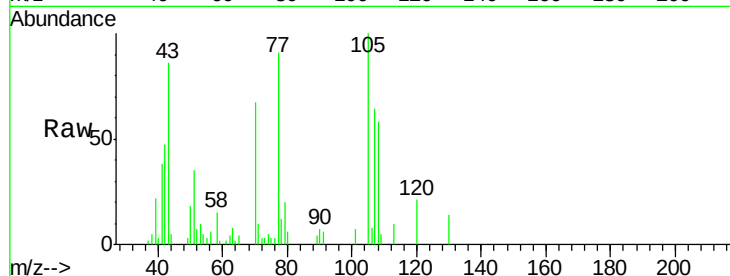




#19
n-Nitroso-di-n-propylamine
Concen: 2.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

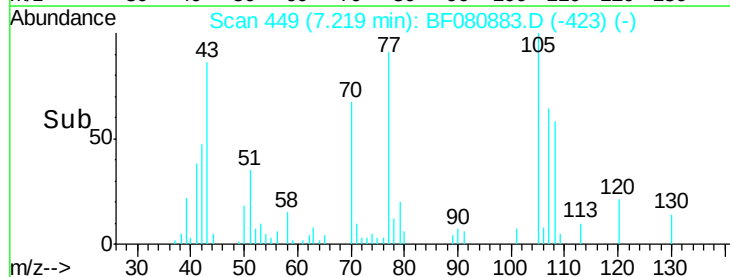
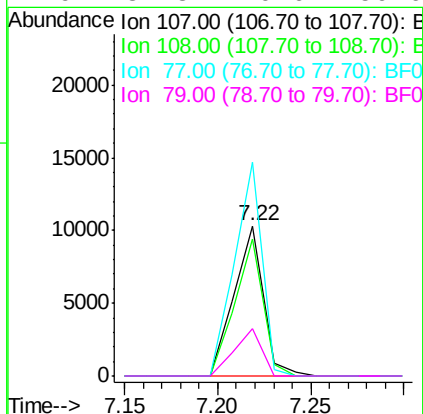
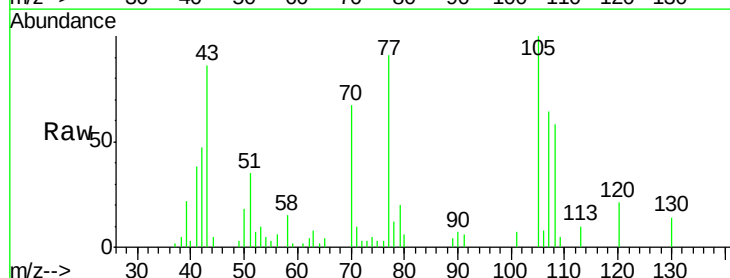
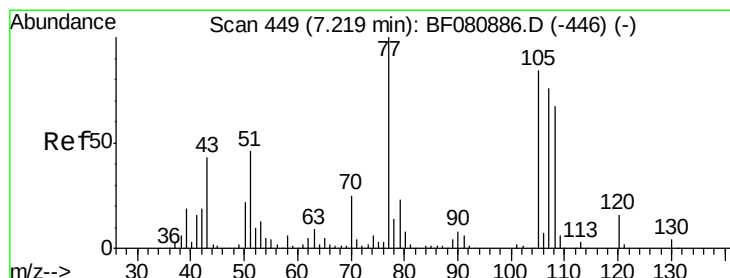
Instrument :
BNA_F
ClientSampleId :

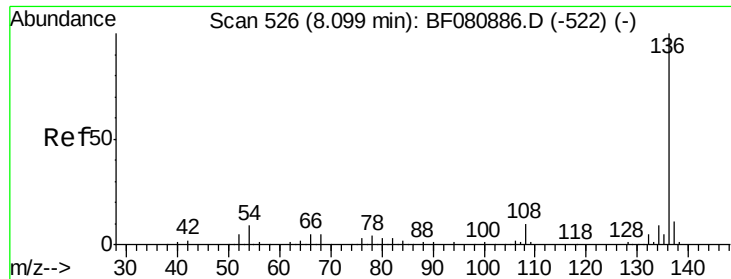
Tot Ion: 70 Resp: 8782
Ion Ratio Lower Upper
70 100
42 70.6 57.2 85.8
101 10.1 6.6 9.8#
130 20.7 12.6 19.0#



#20
3+4-Methylphenols
Concen: 2.69 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 107 Resp: 11379
Ion Ratio Lower Upper
107 100
108 90.8 67.3 107.3
77 142.1 111.2 151.2
79 31.3 10.6 50.6

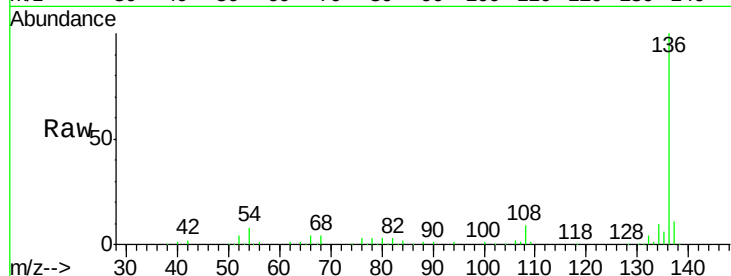




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	210230
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	7.8	7.5 11.3
68	4.4	4.2 6.2

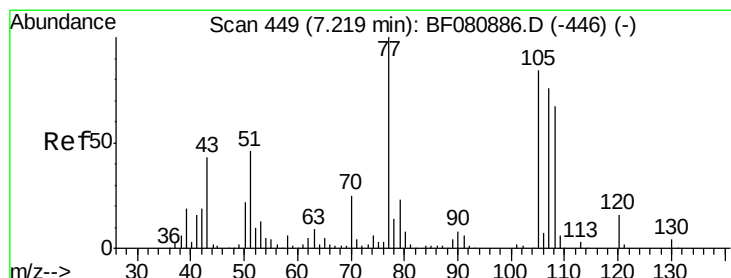
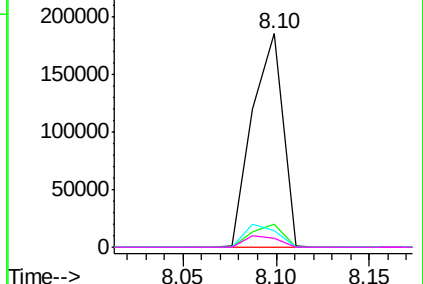
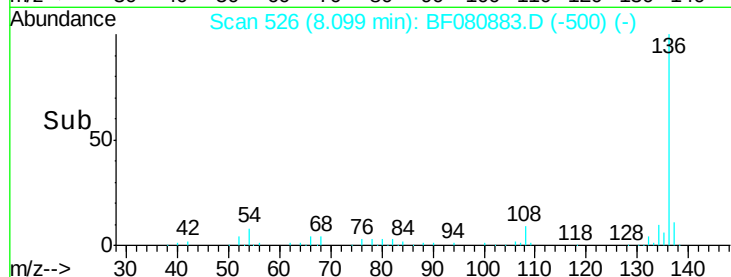


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

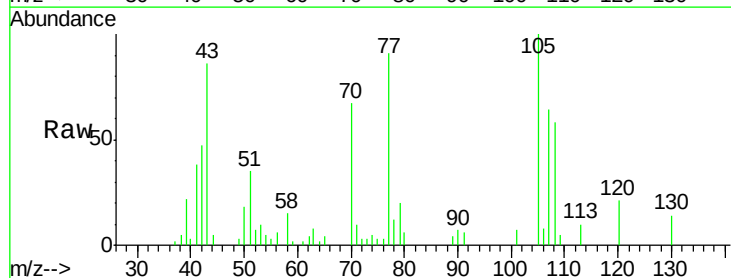
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 2.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:105	Resp:	15057
Ion Ratio	Lower	Upper
105	100	
71	10.3	3.8 5.8#
51	35.5	44.2 66.4#
120	21.2	15.4 23.0

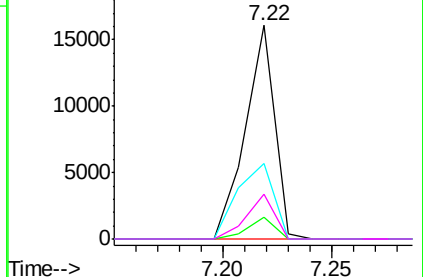
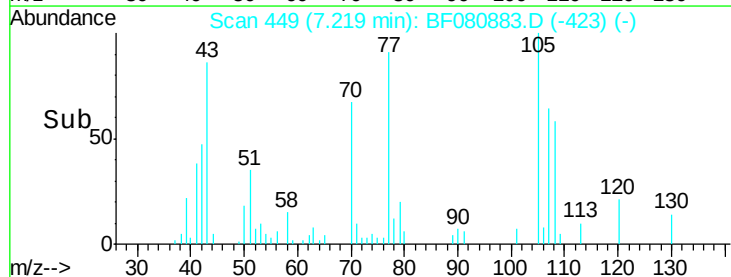


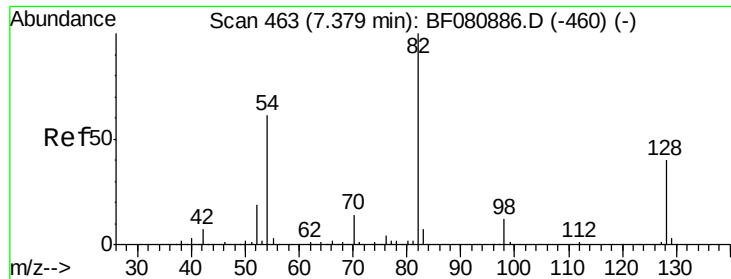
Abundance Ion 105.00 (104.70 to 105.70): E

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

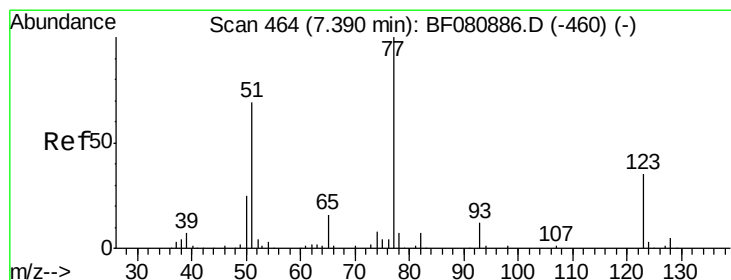
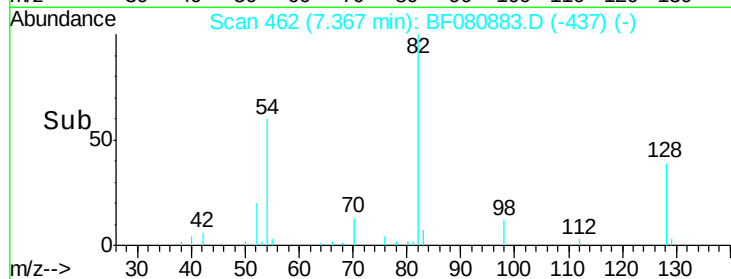
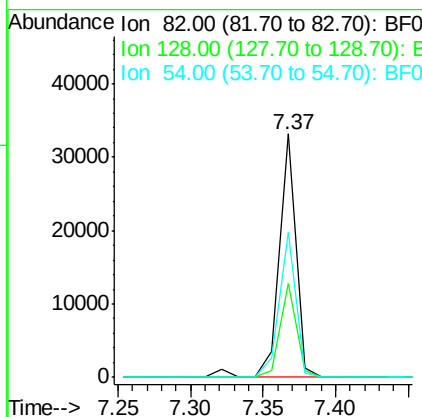
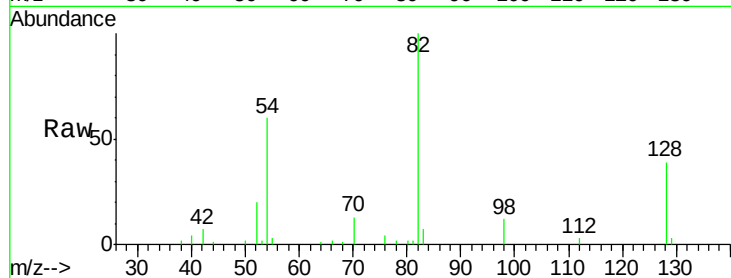




#23
 Nitrobenzene-d5
 Concen: 6.00 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

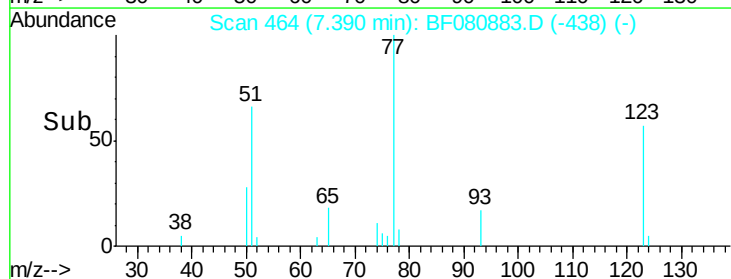
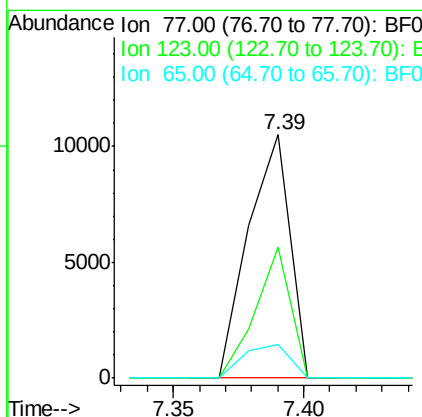
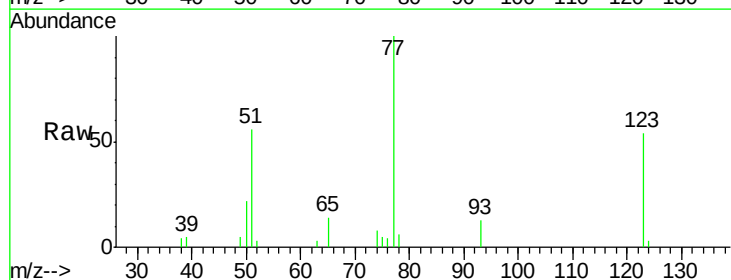
Instrument :
 BNA_F
 ClientSampleId :

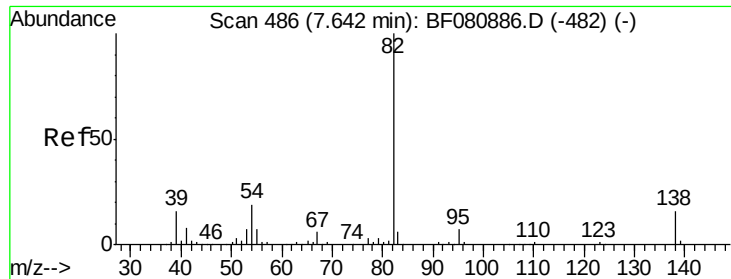
Tot Ion	82	Resp	26758
Ion Ratio	Lower	Upper	
82	100		
128	38.6	31.8	47.6
54	59.5	48.6	72.8



#24
 Nitrobenzene
 Concen: 2.58 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion	77	Resp	11750
Ion Ratio	Lower	Upper	
77	100		
123	53.6	28.3	42.5#
65	13.8	12.5	18.7





#25

Isophorone

Concen: 2.81 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

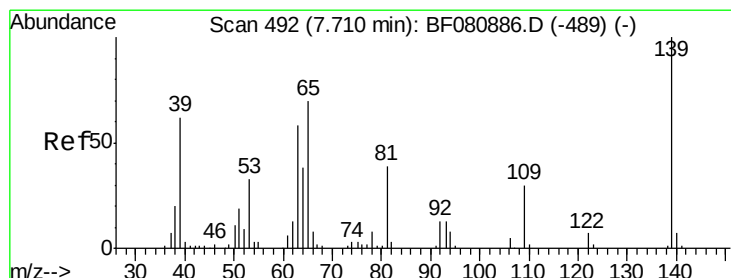
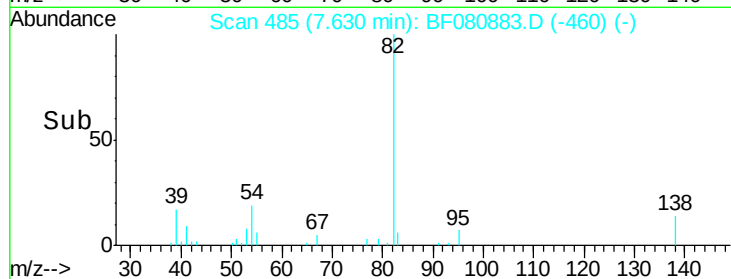
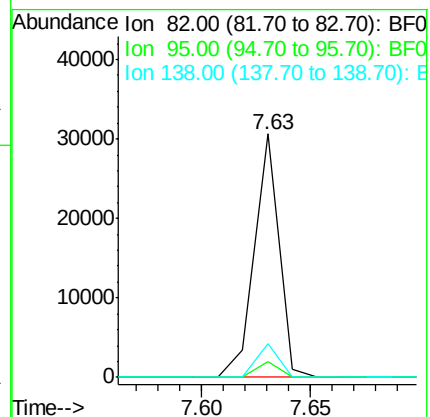
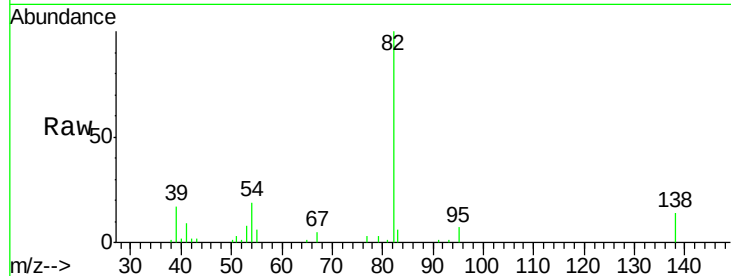
Tot Ion: 82 Resp: 24064

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 13.9 13.0 19.6



#26

2-Nitrophenol

Concen: 2.53 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

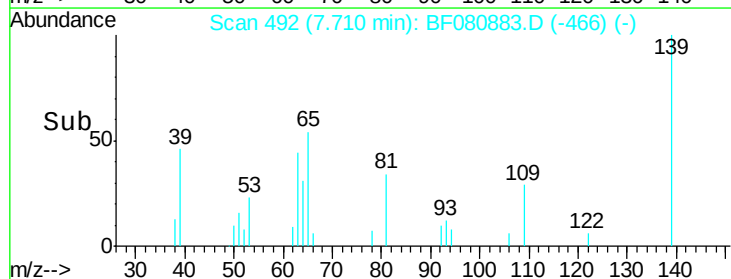
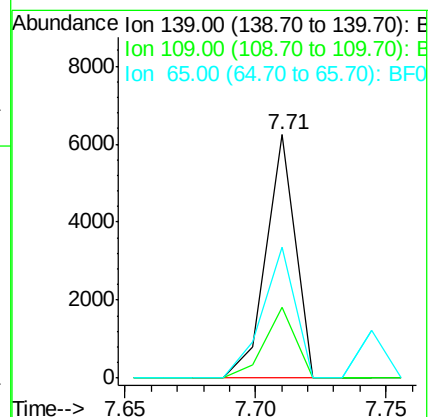
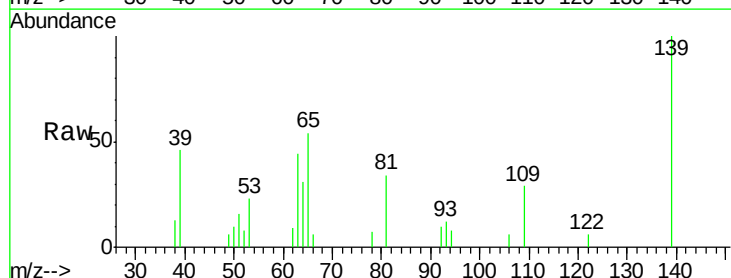
Tgt Ion: 139 Resp: 4829

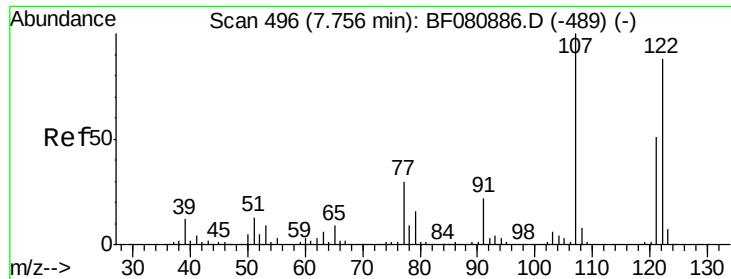
Ion Ratio Lower Upper

139 100

109 29.2 24.2 36.4

65 53.8 55.6 83.4#

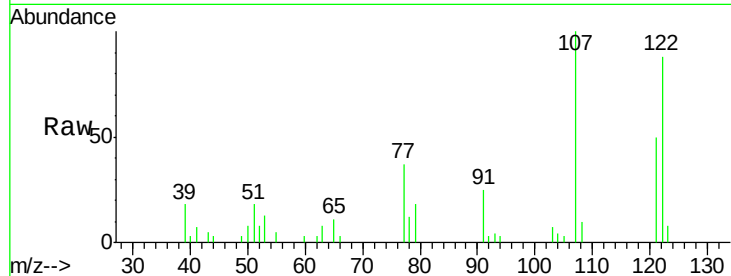




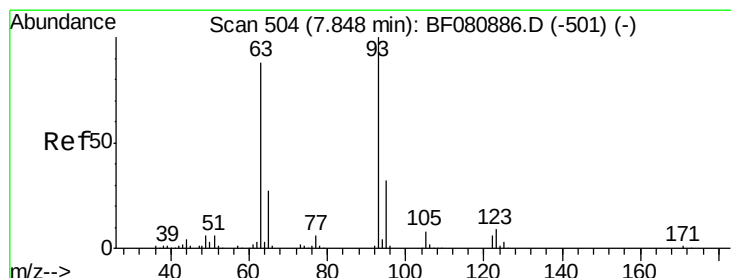
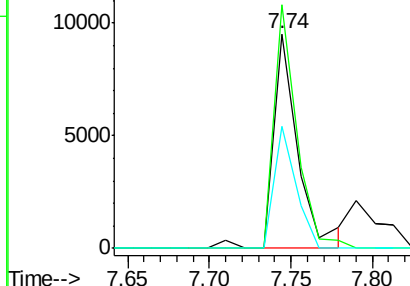
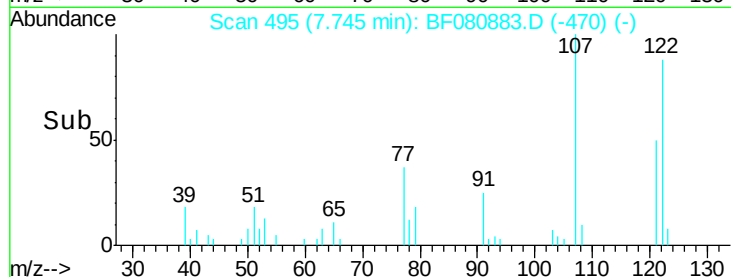
#27
 2,4-Dimethylphenol
 Concen: 2.72 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 9971
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.1 136.7
 121 56.9 46.2 69.4

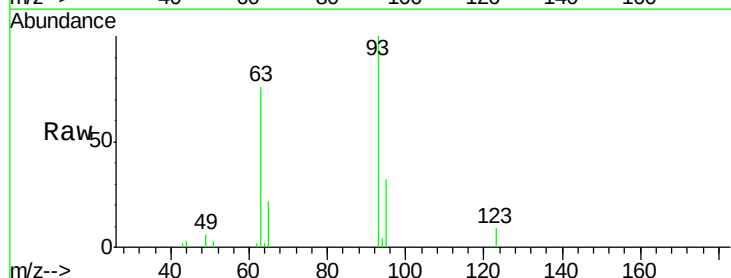


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

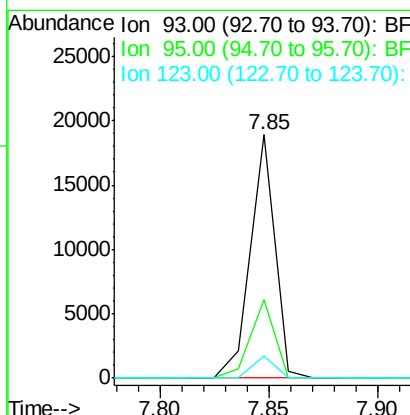
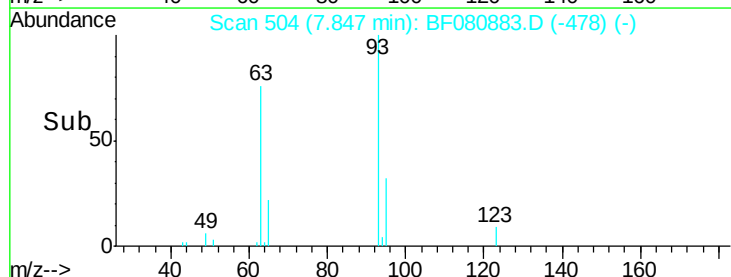


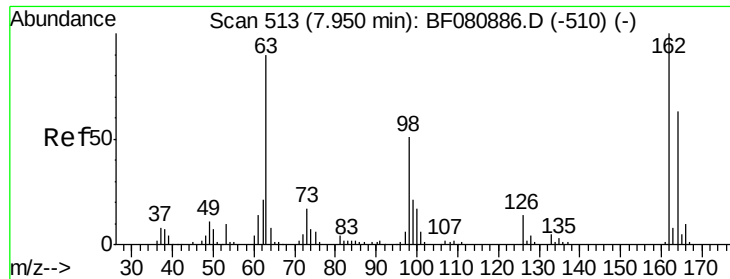
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.91 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion: 93 Resp: 14774
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.5 38.3
 123 9.3 7.6 11.4



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

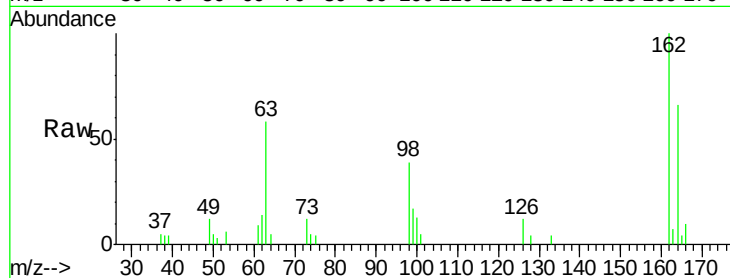




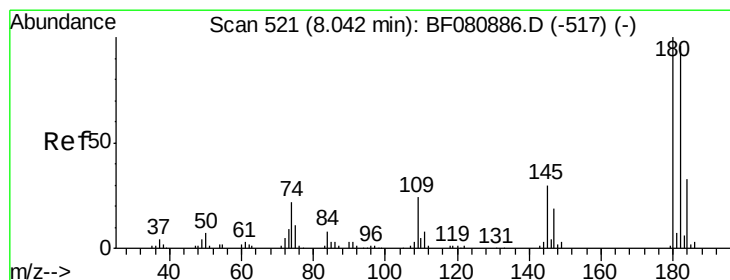
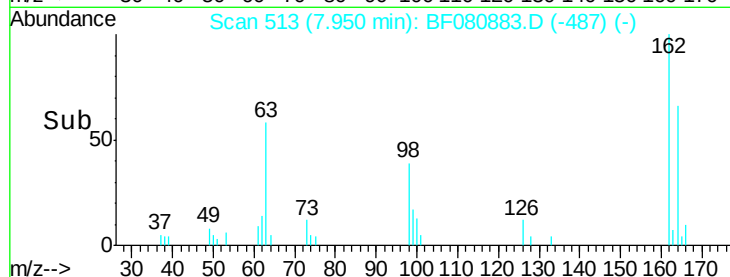
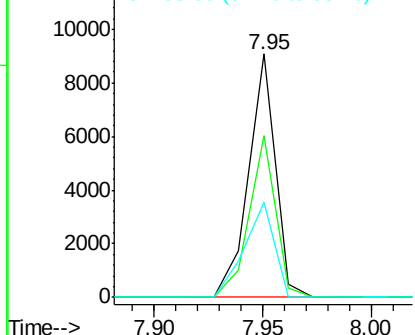
#29
 2,4-Dichlorophenol
 Concen: 2.66 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 7776
 Ion Ratio Lower Upper
 162 100
 164 66.2 43.4 83.4
 98 39.2 30.9 70.9

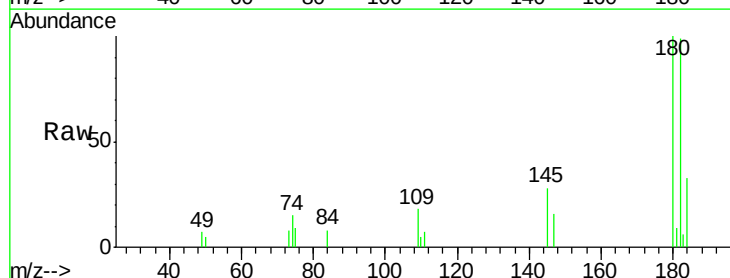


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

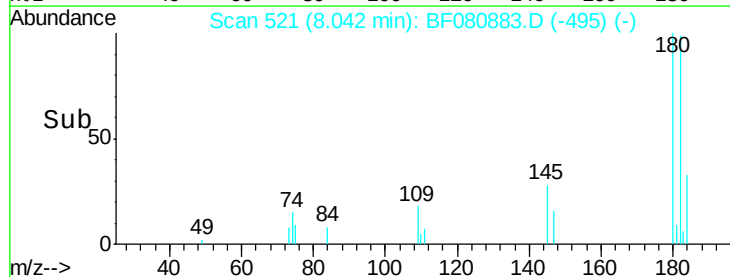
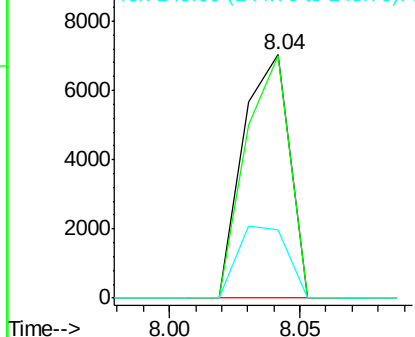


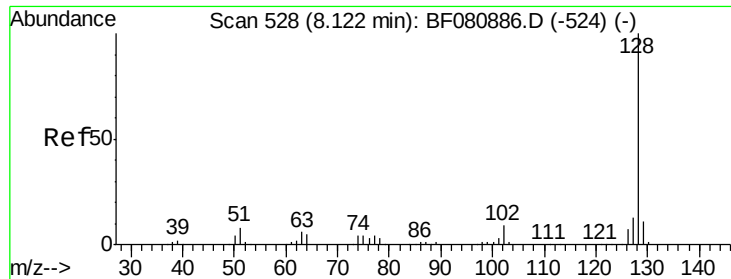
#30
 1,2,4-Trichlorobenzene
 Concen: 2.69 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:180 Resp: 8718
 Ion Ratio Lower Upper
 180 100
 182 99.5 76.8 115.2
 145 28.1 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

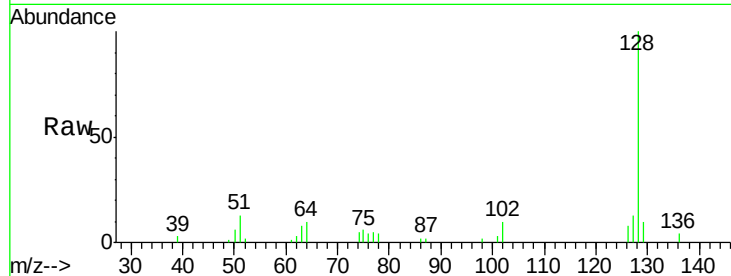




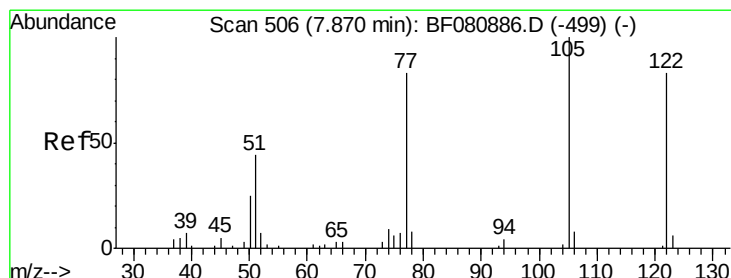
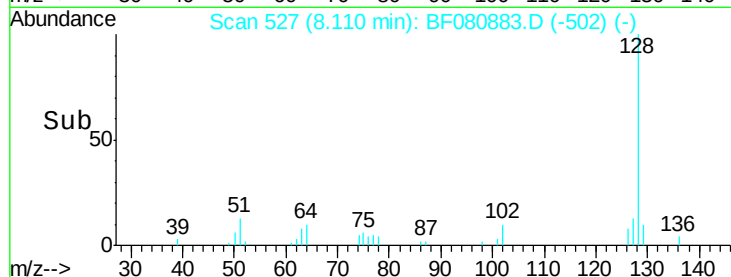
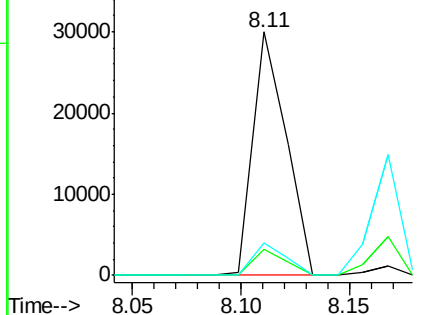
#31
Naphthalene
Concen: 2.79 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 31882
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.2 10.6 15.8

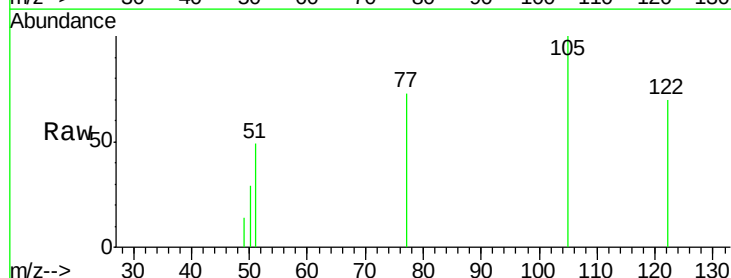


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

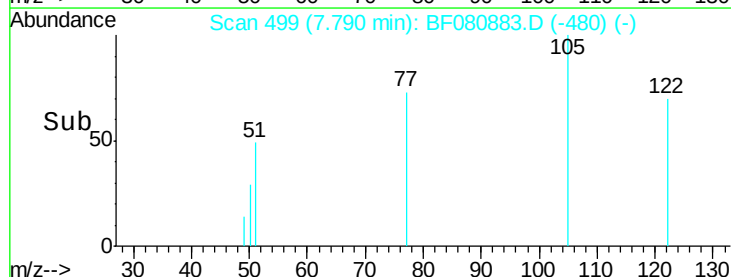
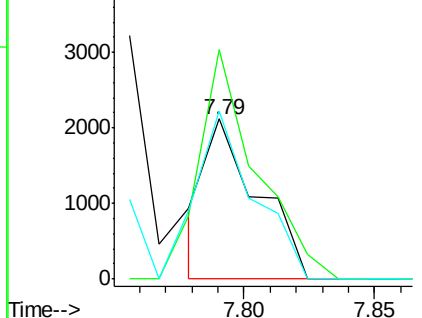


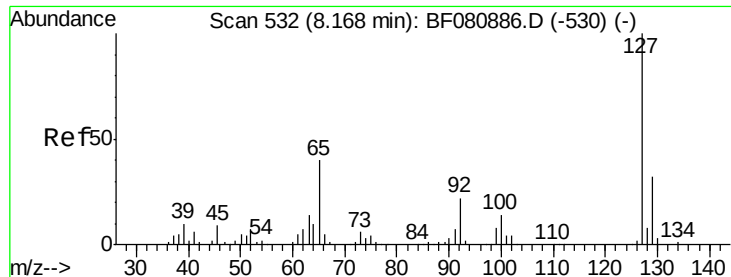
#32
Benzoic acid
Concen: 1.26 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.08 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:122 Resp: 2925
Ion Ratio Lower Upper
122 100
105 143.5 101.6 141.6#
77 105.2 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

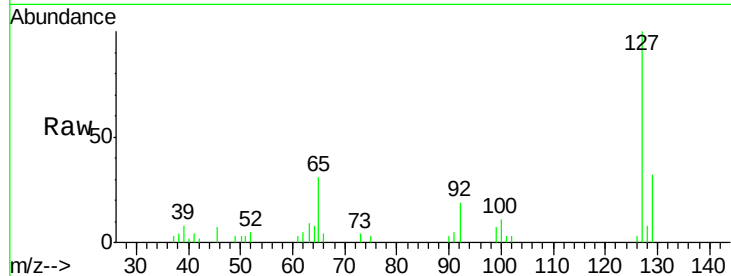




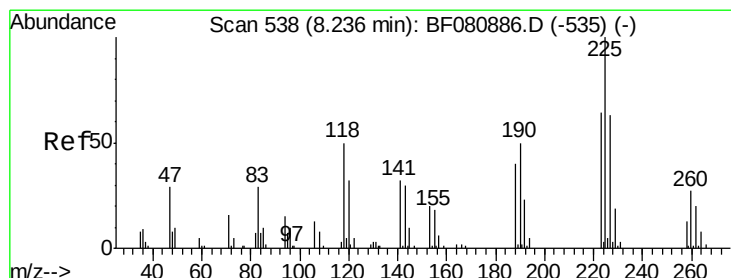
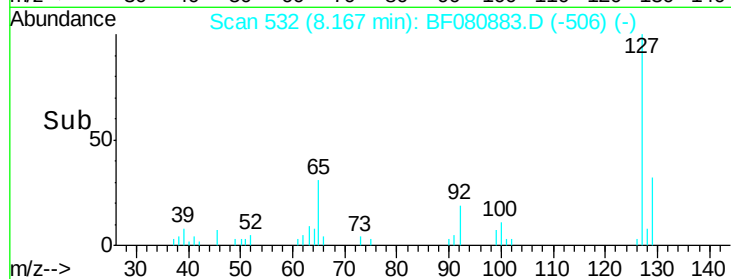
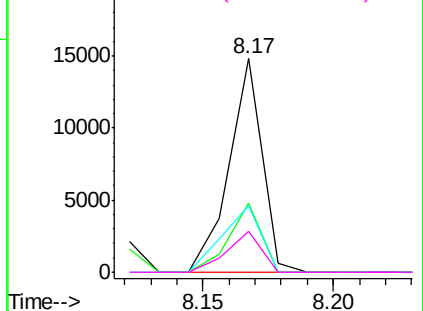
#33
4-Chloroaniline
Concen: 2.79 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	13157
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	31.1	31.7	47.5#
92	19.1	17.6	26.4

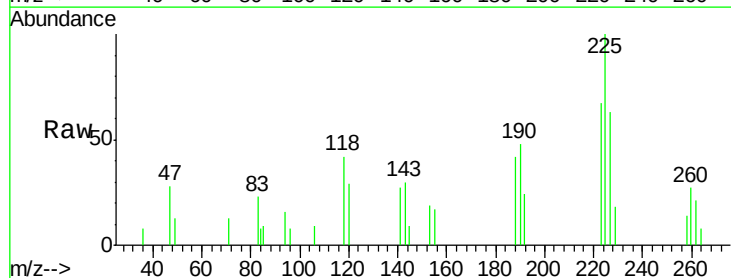


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

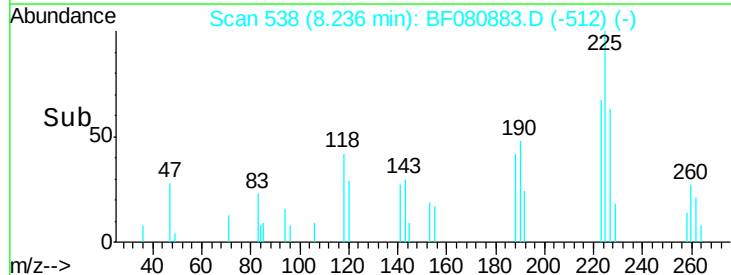
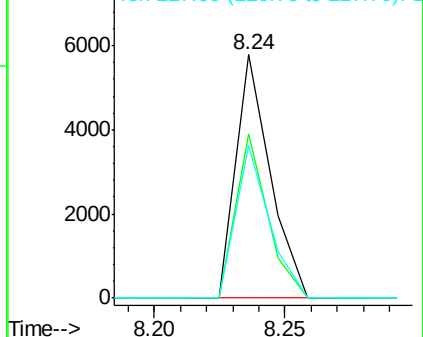


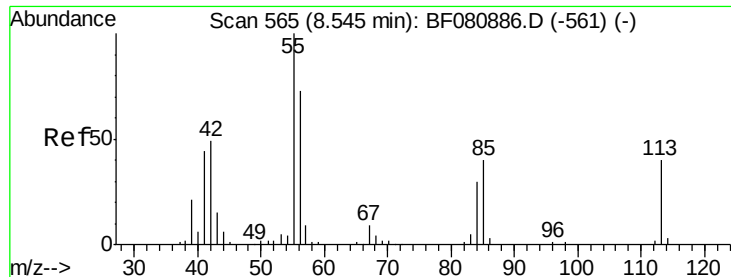
#34
Hexachlorobutadiene
Concen: 2.89 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:	225	Resp:	5321
Ion	Ratio	Lower	Upper
225	100		
223	67.3	51.2	76.8
227	62.7	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

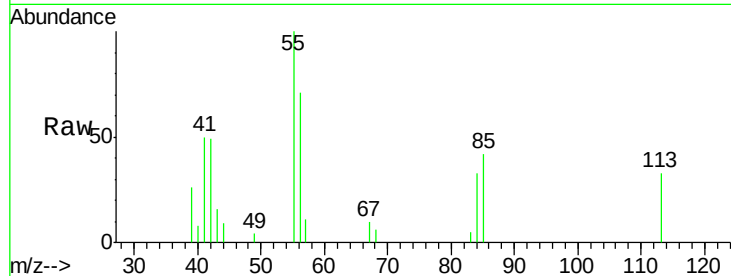




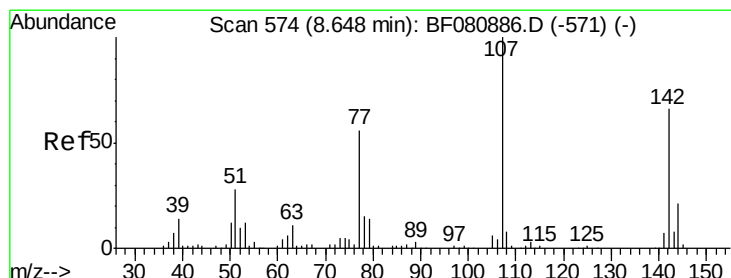
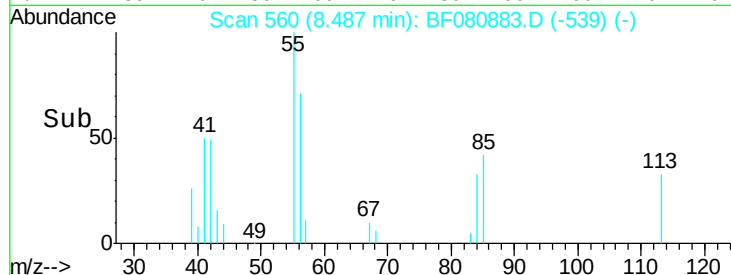
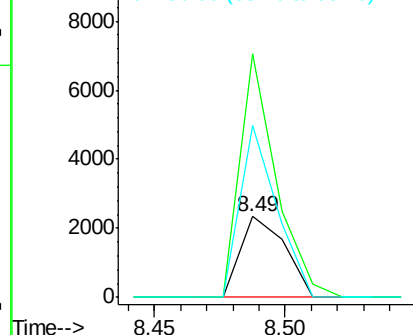
#35
 Caprolactam
 Concen: 2.52 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 2745
 Ion Ratio Lower Upper
 113 100
 55 301.8 228.4 268.4#
 56 213.7 161.5 201.5#

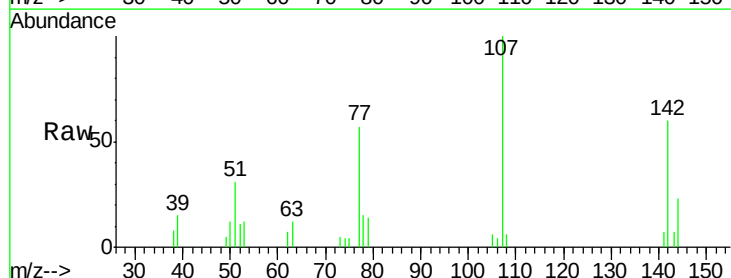


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

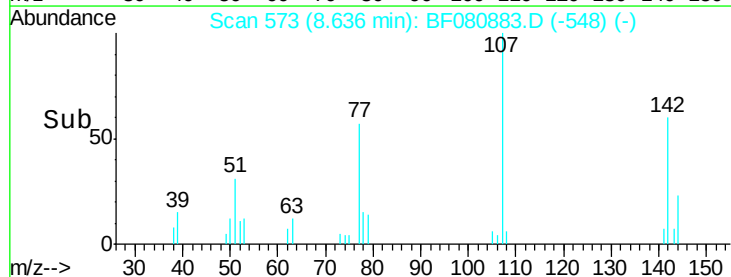
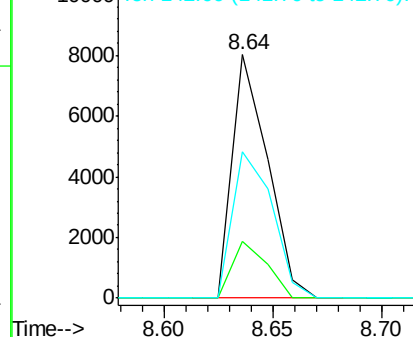


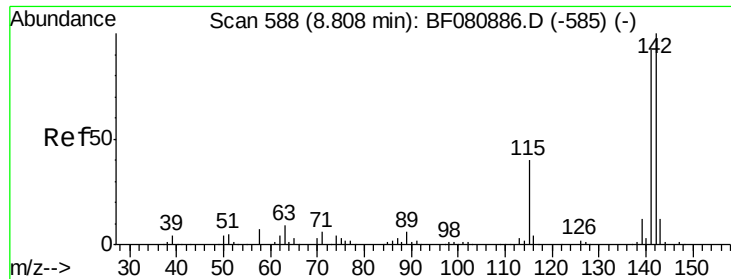
#36
 4-Chloro-3-methylphenol
 Concen: 2.58 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:107 Resp: 9057
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.0 25.6
 142 60.0 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

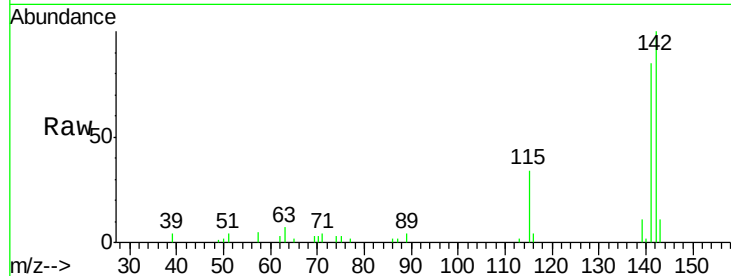




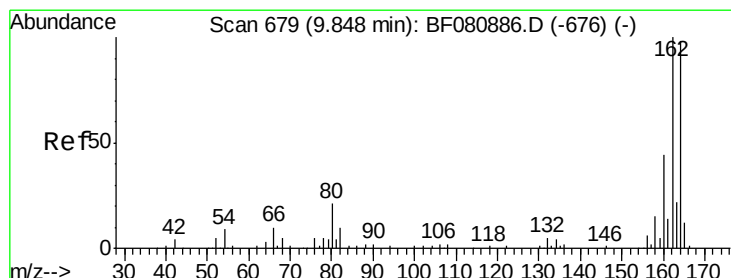
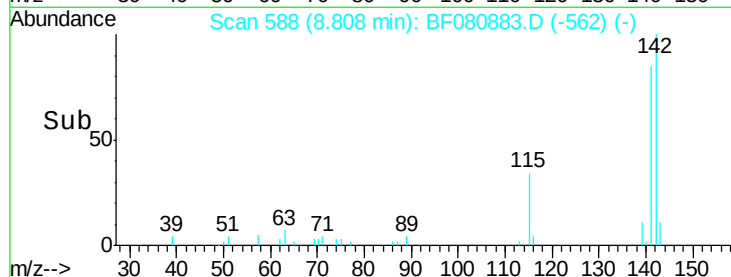
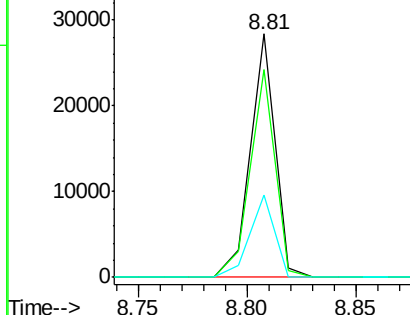
#37
 2-Methylnaphthalene
 Concen: 3.18 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 22399
 Ion Ratio Lower Upper
 142 100
 141 85.4 73.5 110.3
 115 33.9 32.1 48.1

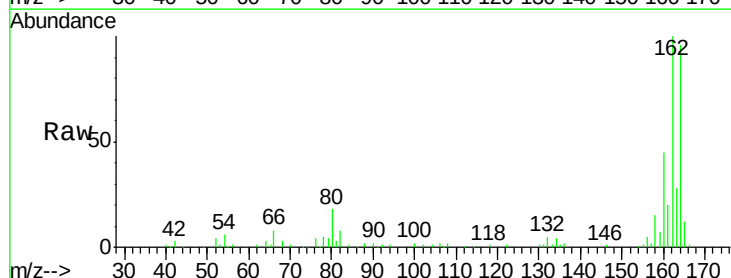


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

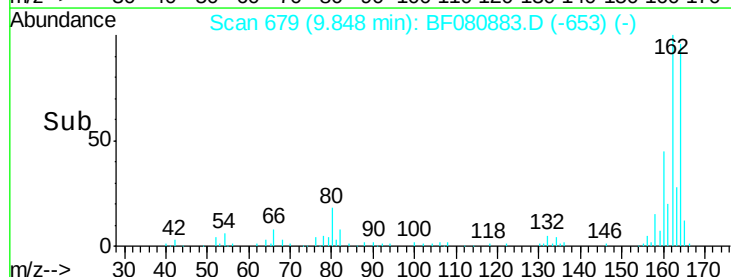
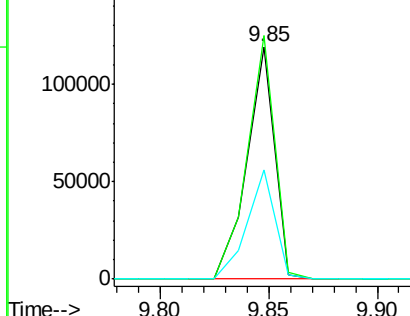


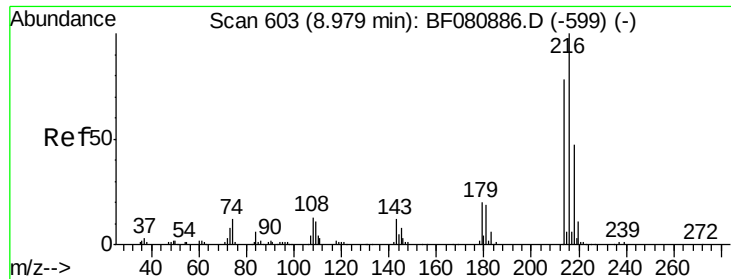
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:164 Resp: 105007
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.5 122.3
 160 47.1 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

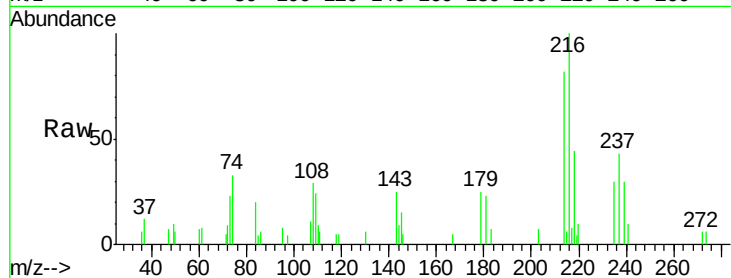




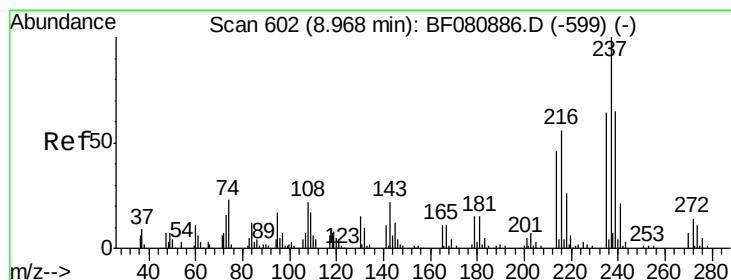
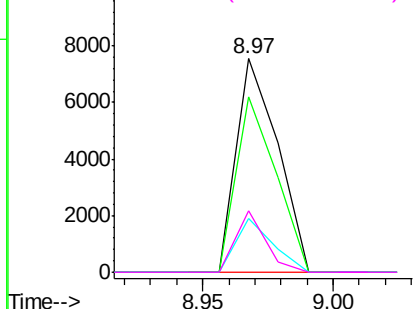
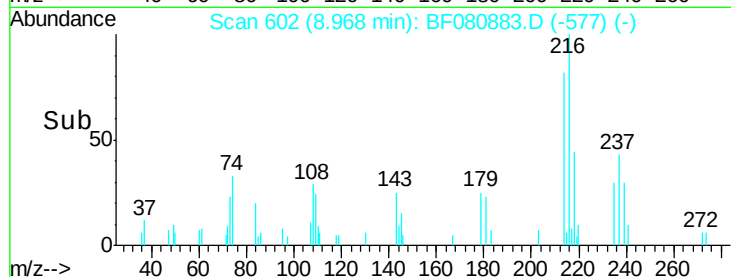
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.60 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	8315
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	22.3	17.0	25.6
108	20.7	16.7	25.1

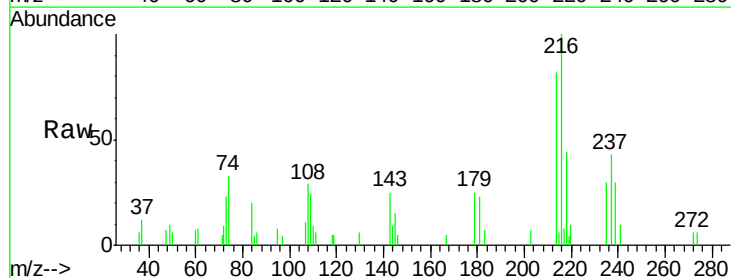


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

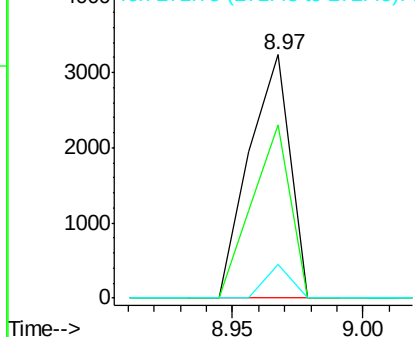
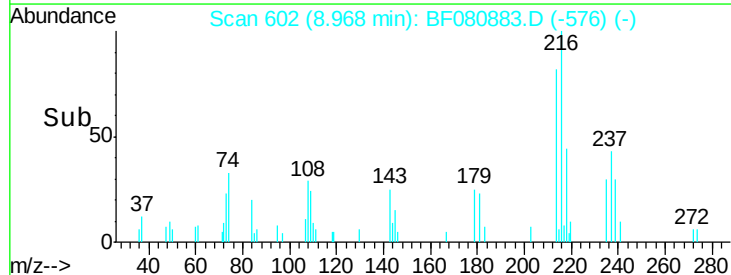


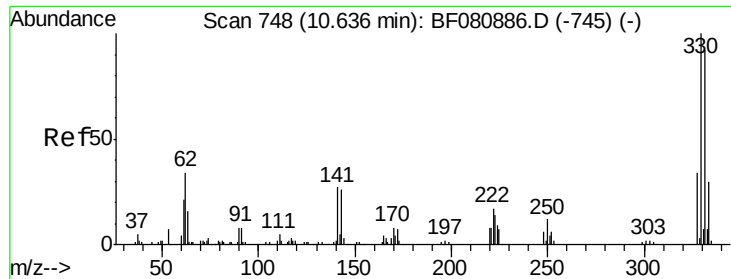
#40
 Hexachlorocyclopentadiene
 Concen: 1.94 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:	237	Resp:	3552
Ion	Ratio	Lower	Upper
237	100		
235	71.1	43.7	83.7
272	14.0	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

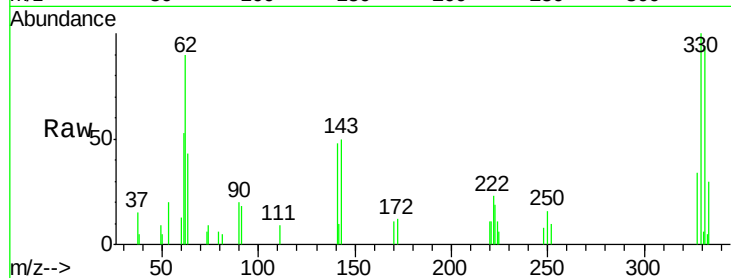




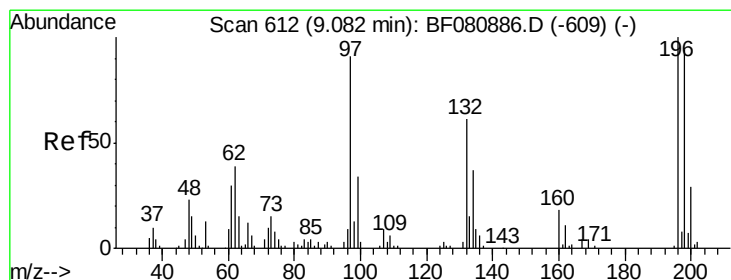
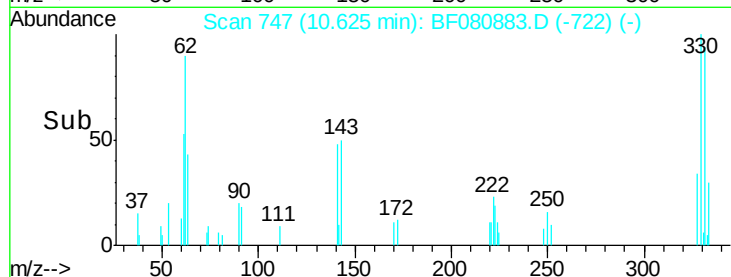
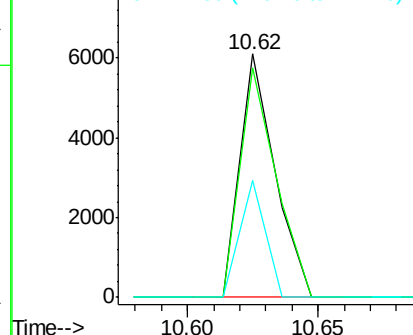
#41
 2,4,6-Tribromophenol
 Concen: 5.09 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 5740
 Ion Ratio Lower Upper
 330 100
 332 96.8 74.1 111.1
 141 34.9 30.1 45.1

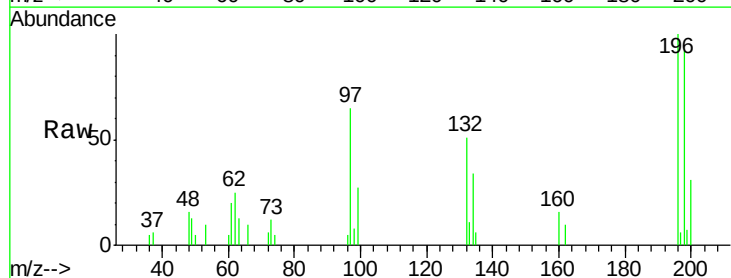


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

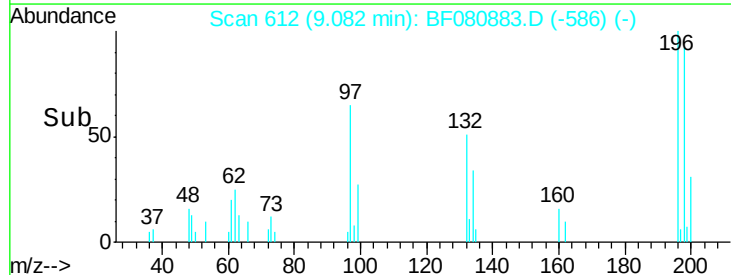
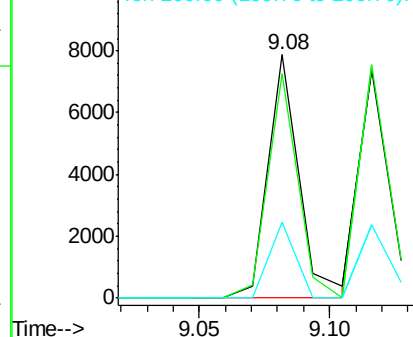


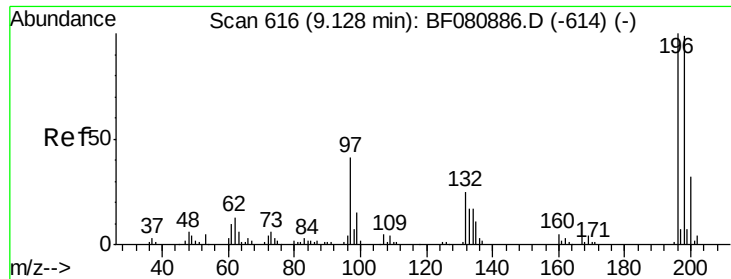
#42
 2,4,6-Trichlorophenol
 Concen: 2.74 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:196 Resp: 6457
 Ion Ratio Lower Upper
 196 100
 198 92.1 74.9 112.3
 200 31.0 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

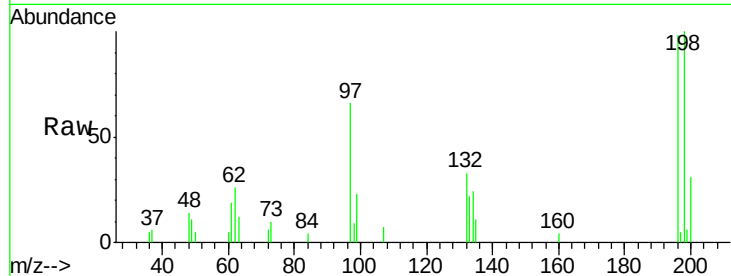




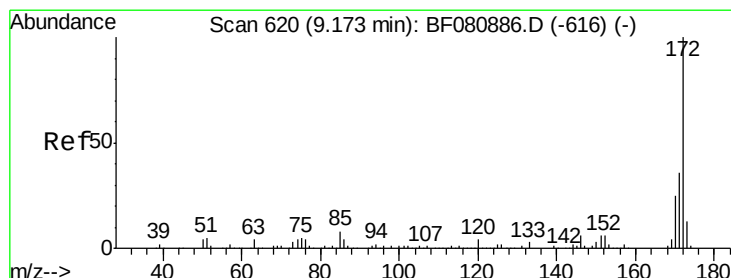
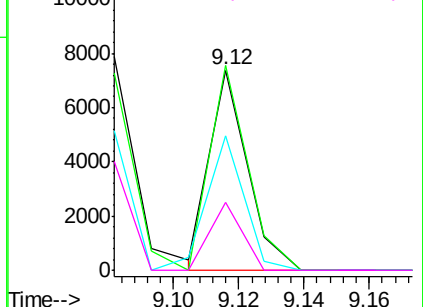
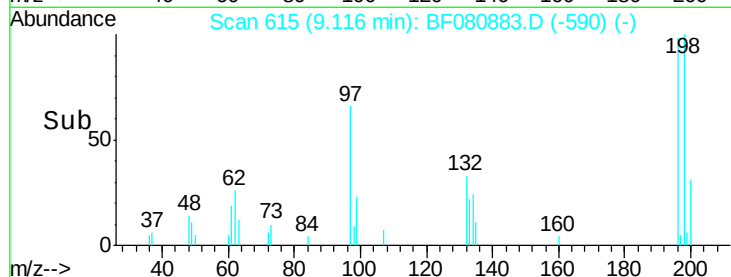
#43
 2,4,5-Trichlorophenol
 Concen: 2.49 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 5882
 Ion Ratio Lower Upper
 196 100
 198 102.3 78.7 118.1
 97 67.3 33.9 50.9#
 132 34.0 20.1 30.1#

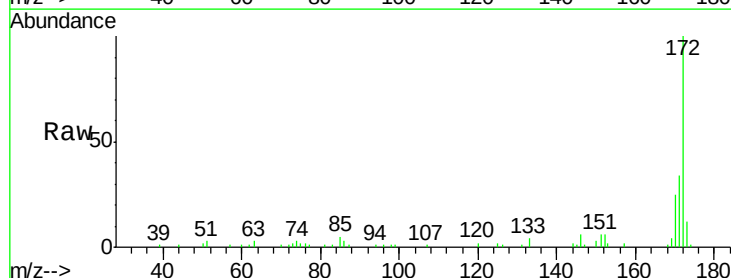


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

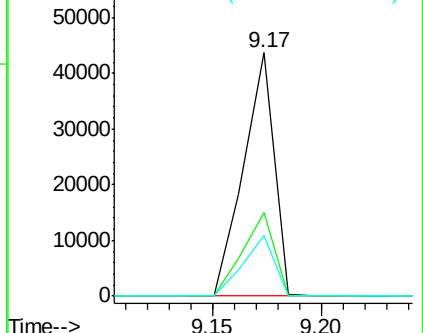
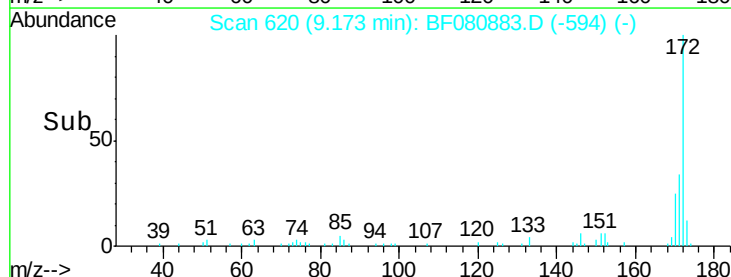


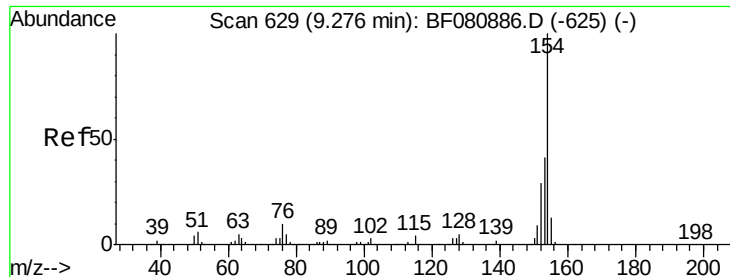
#44
 2-Fluorobiphenyl
 Concen: 5.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:172 Resp: 42808
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.4
 170 25.1 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: 2.63 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

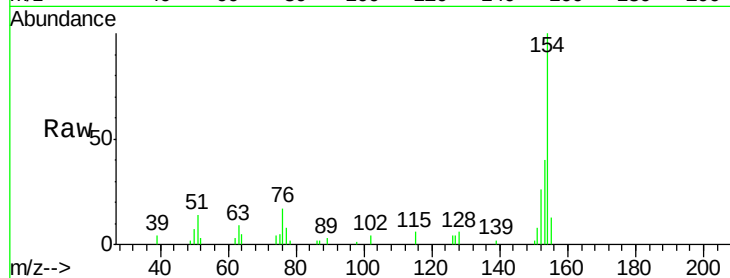
Tot Ion:154 Resp: 23378

Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

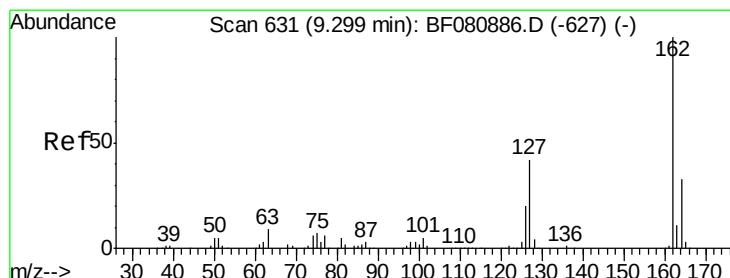
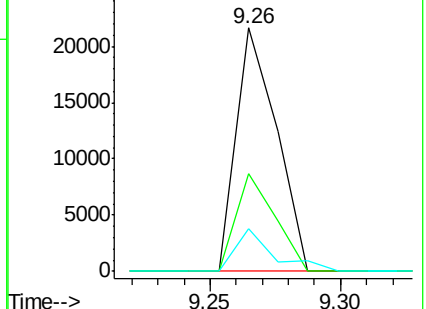
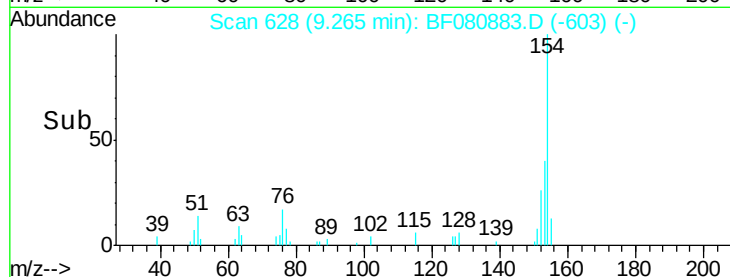
76 17.3 0.0 30.3



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: 2.66 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

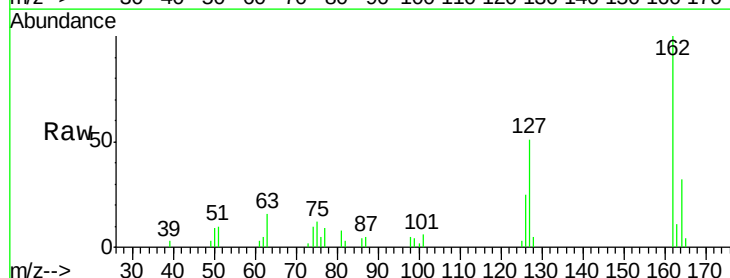
Tgt Ion:162 Resp: 18502

Ion Ratio Lower Upper

162 100

127 50.6 33.5 50.3#

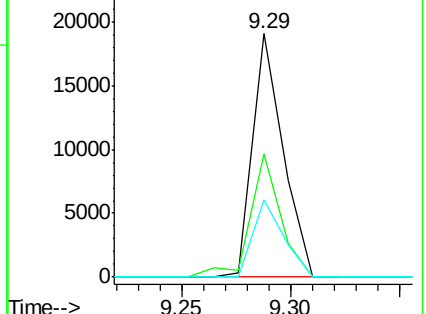
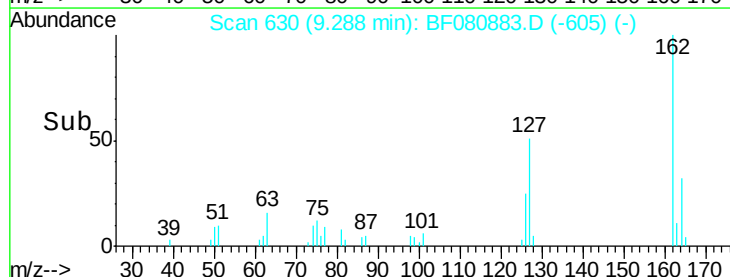
164 31.9 26.5 39.7

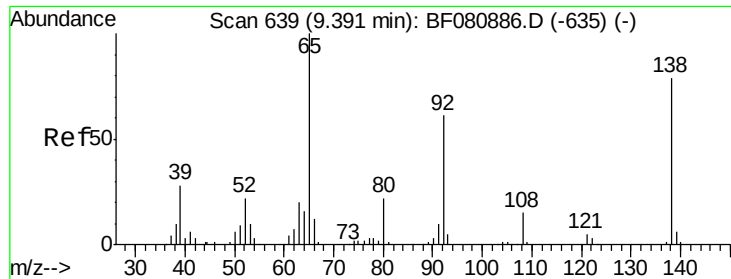


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.25 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampled :

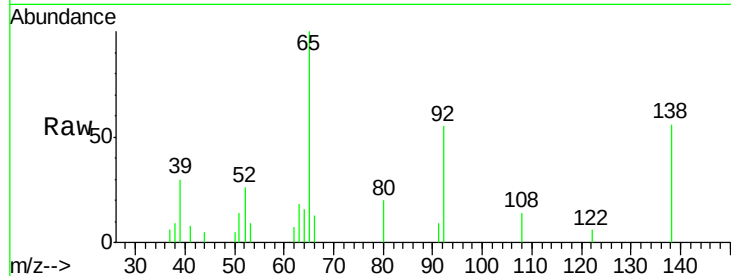
Tot Ion: 65 Resp: 6369

Ion Ratio Lower Upper

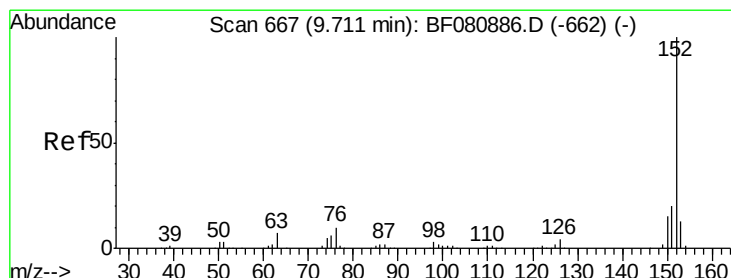
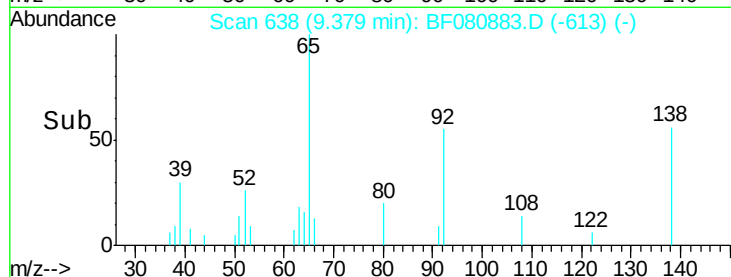
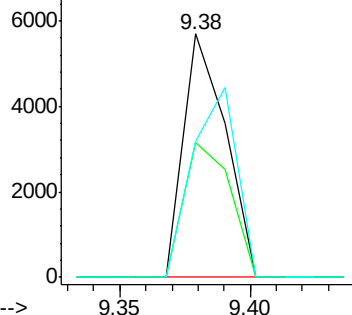
65 100

92 55.4 48.5 72.7

138 55.8 63.3 94.9#



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



#48

Acenaphthylene

Concen: 2.64 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

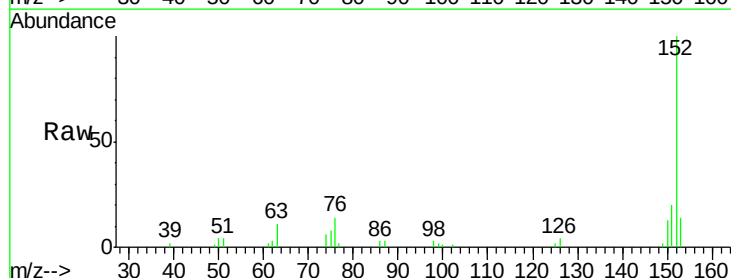
Tgt Ion: 152 Resp: 32217

Ion Ratio Lower Upper

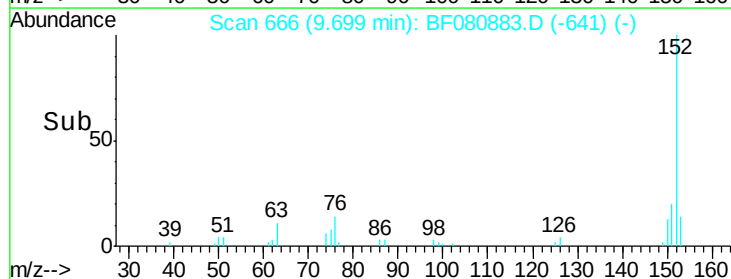
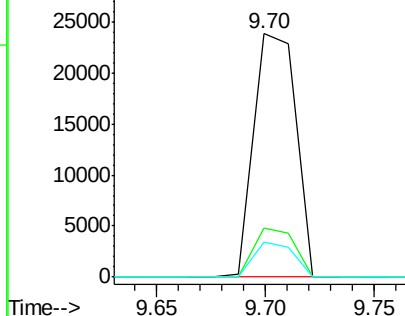
152 100

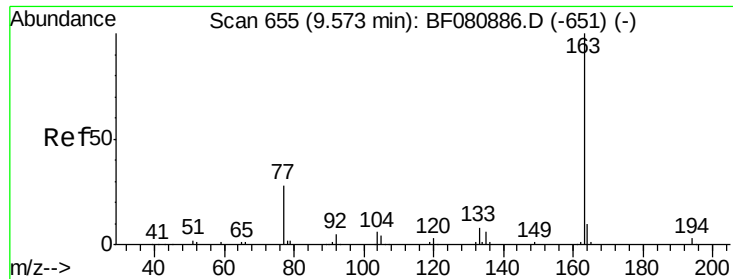
151 19.9 16.4 24.6

153 14.3 10.6 16.0



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

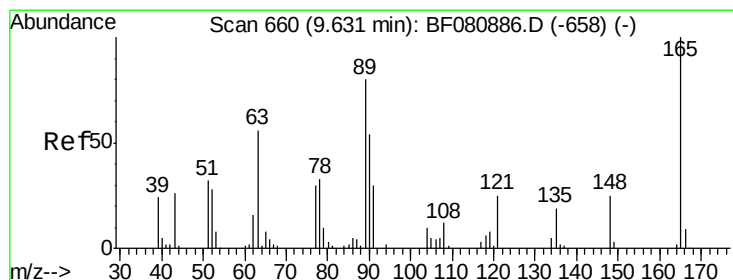
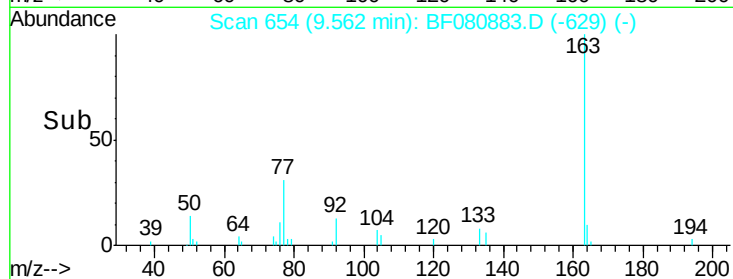
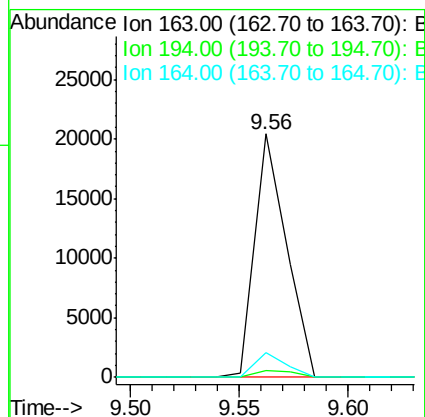
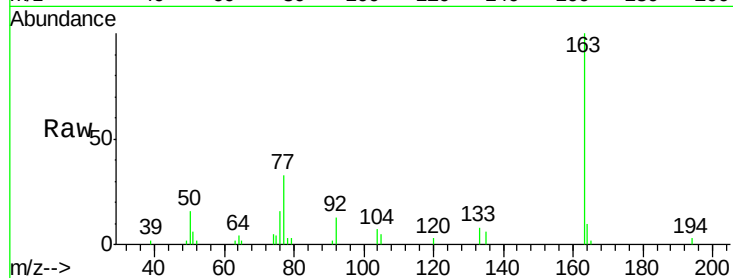




#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

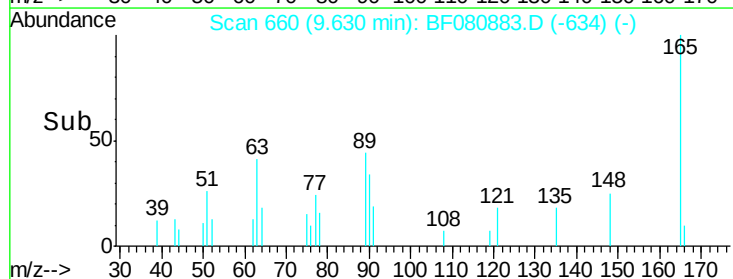
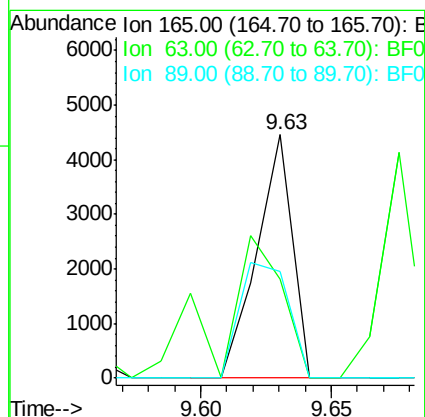
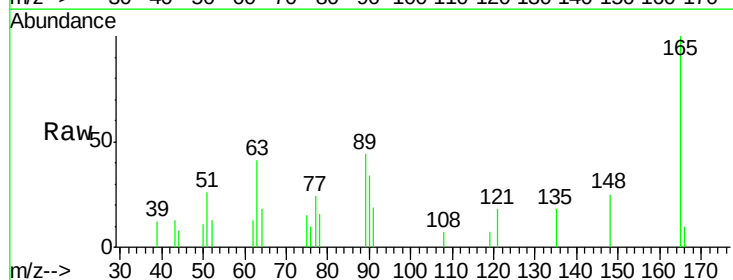
Instrument :
BNA_F
ClientSampled :

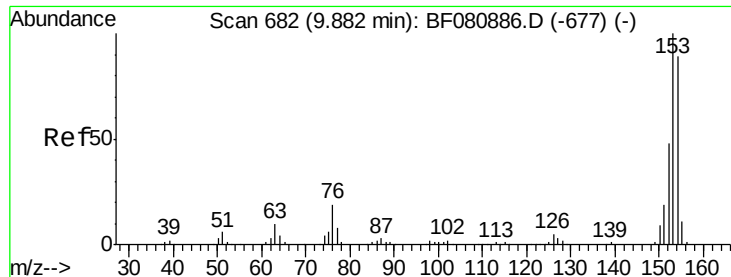
Tot Ion:163 Resp: 20729
Ion Ratio Lower Upper
163 100
194 2.7 2.3 3.5
164 10.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 2.38 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:165 Resp: 4257
Ion Ratio Lower Upper
165 100
63 40.5 77.6 116.4#
89 43.6 63.7 95.5#





#51

Acenaphthene

Concen: 2.58 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

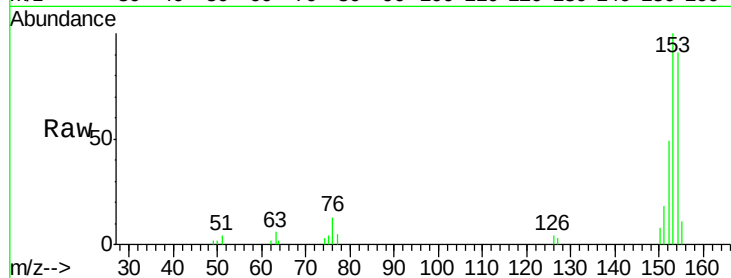
Tot Ion:154 Resp: 19076

Ion Ratio Lower Upper

154 100

153 110.0 90.4 135.6

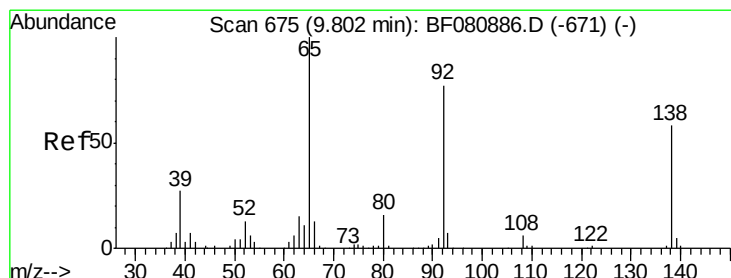
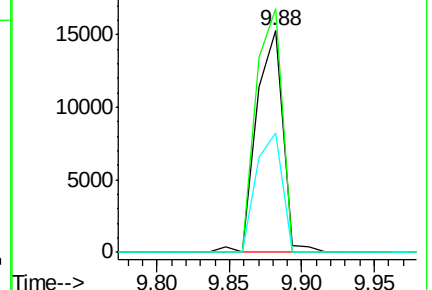
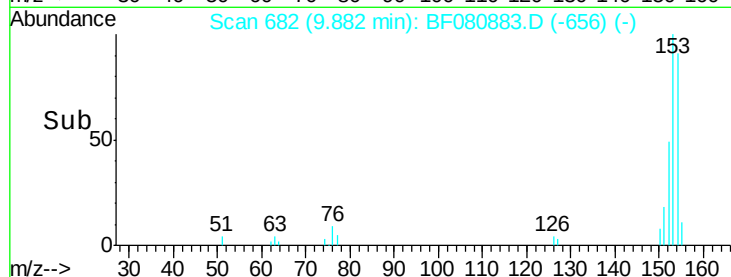
152 53.7 43.6 65.4



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: 2.41 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

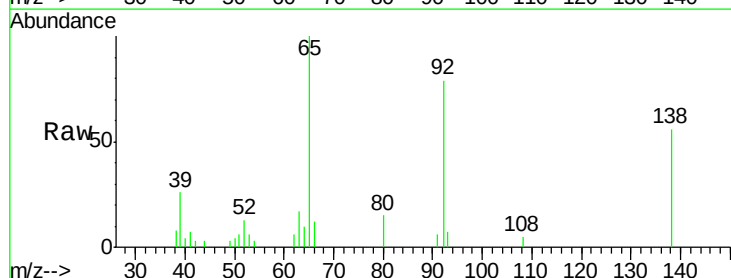
Tgt Ion:138 Resp: 5323

Ion Ratio Lower Upper

138 100

108 9.7 8.9 13.3

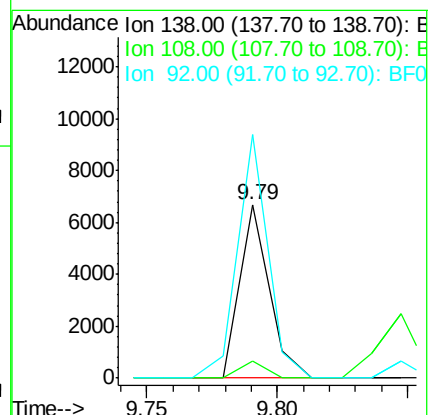
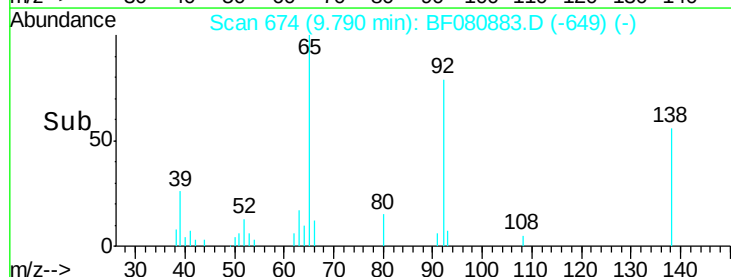
92 140.3 106.2 159.2

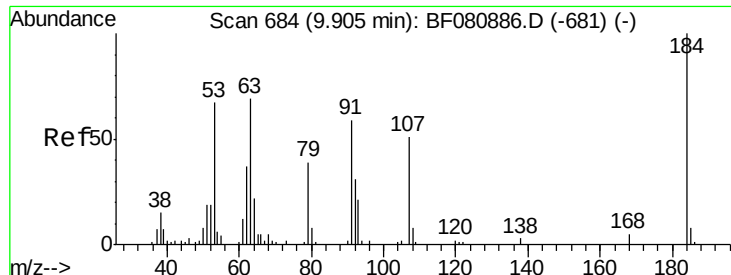


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

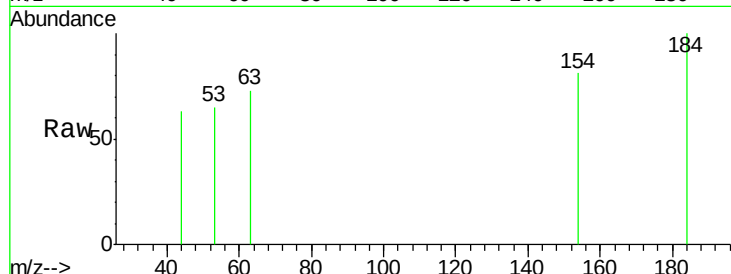




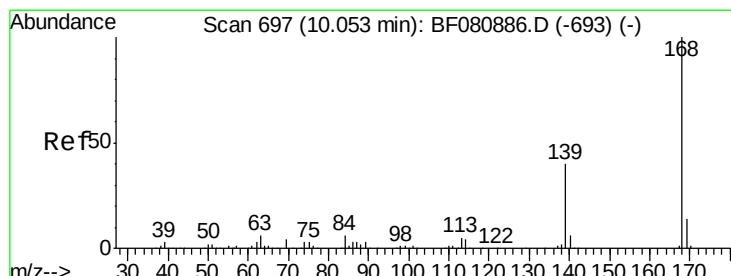
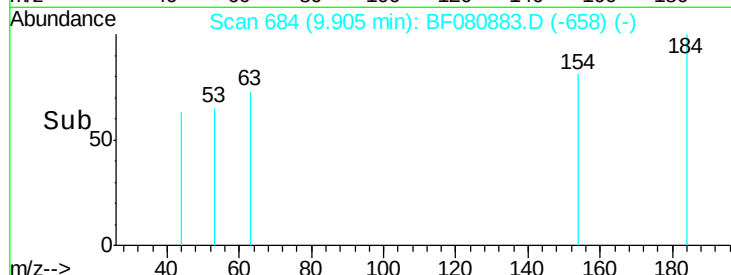
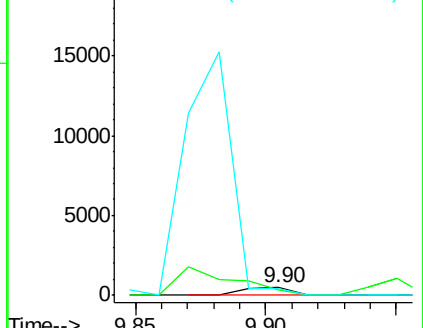
#53
2,4-Dinitrophenol
Concen: 0.67 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 657
Ion Ratio Lower Upper
184 100
63 72.6 67.6 101.4
154 80.9 54.3 81.5

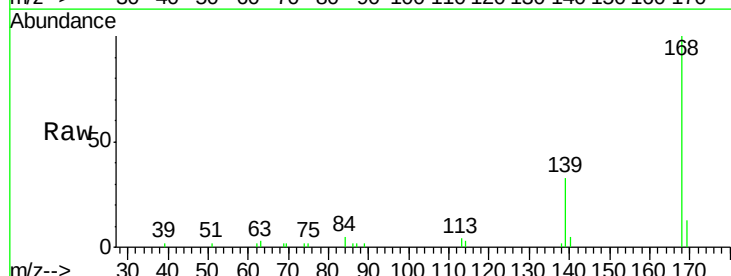


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

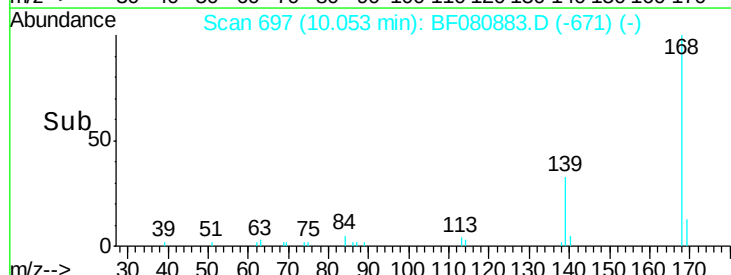
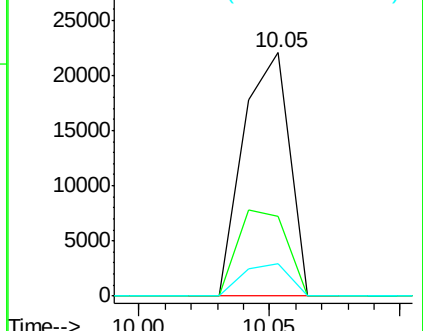


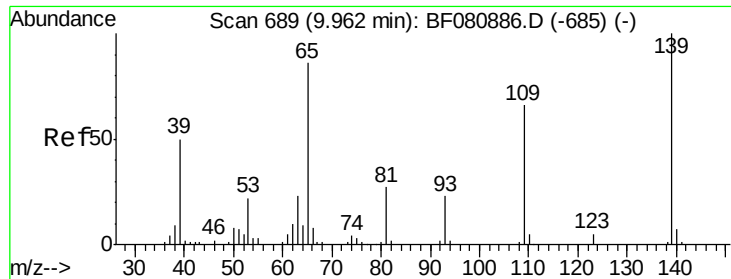
#54
Dibenzofuran
Concen: 2.72 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:168 Resp: 27295
Ion Ratio Lower Upper
168 100
139 32.8 31.8 47.8
169 13.3 10.8 16.2



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

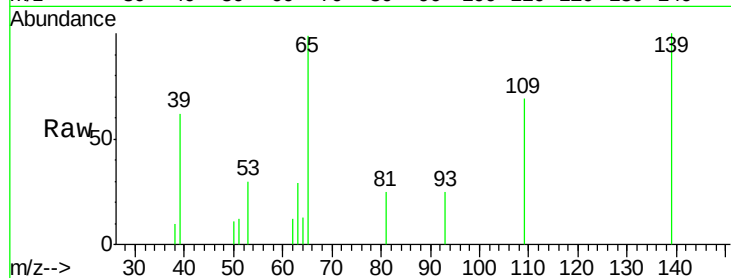




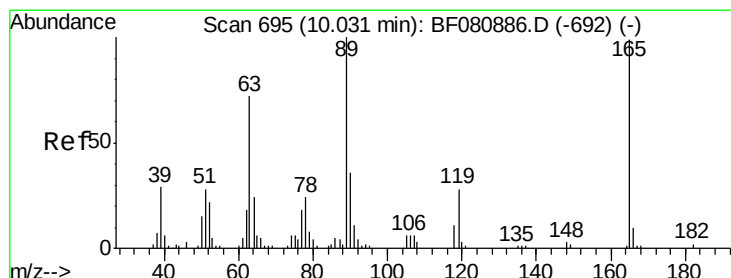
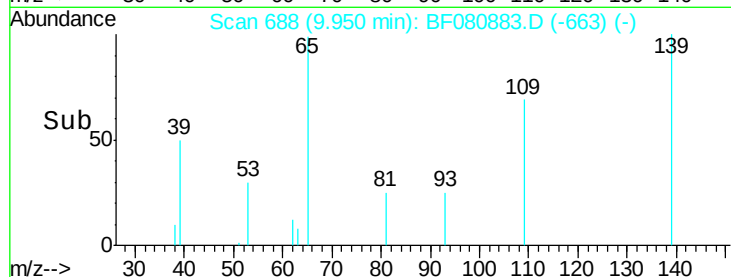
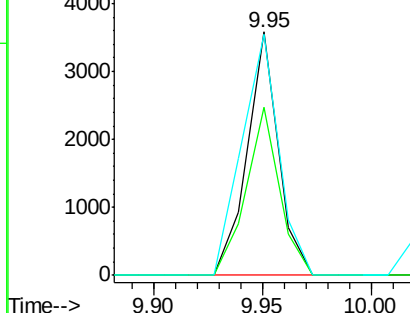
#55
4-Nitrophenol
Concen: 2.15 na
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 3581
Ion Ratio Lower Upper
139 100
109 69.1 46.4 86.4
65 98.9 65.6 105.6

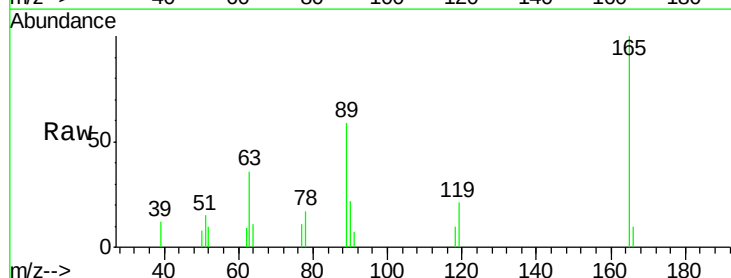


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

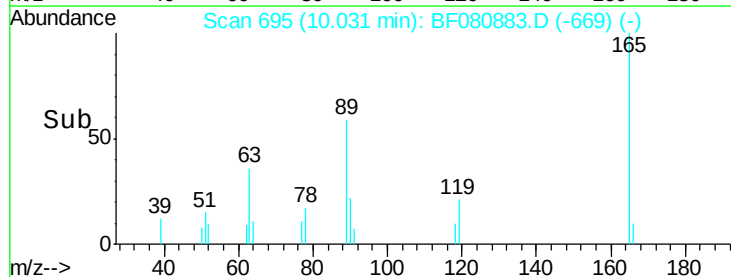
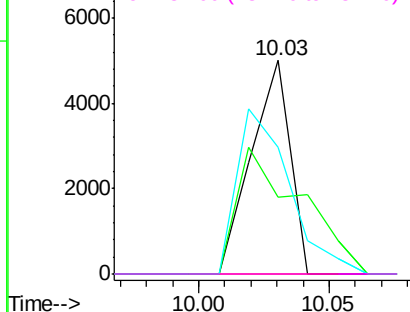


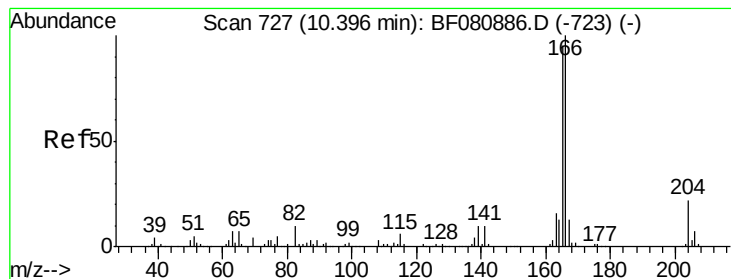
#56
2,4-Dinitrotoluene
Concen: 2.17 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:165 Resp: 5224
Ion Ratio Lower Upper
165 100
63 35.7 58.6 87.8#
89 59.2 80.7 121.1#
182 0.0 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: 2.81 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

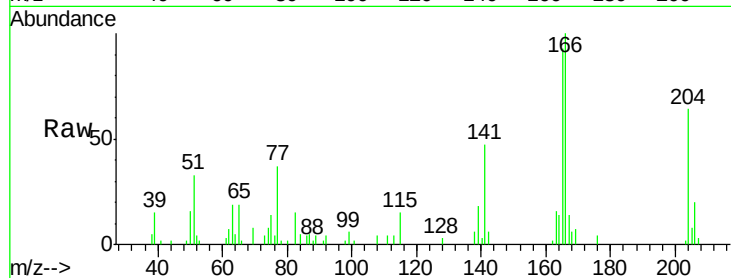
Tot Ion:166 Resp: 22048

Ion Ratio Lower Upper

166 100

165 93.5 75.9 113.9

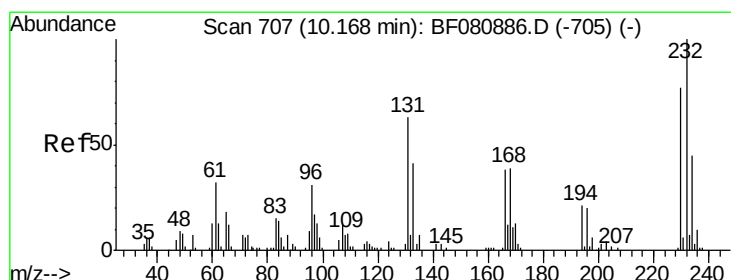
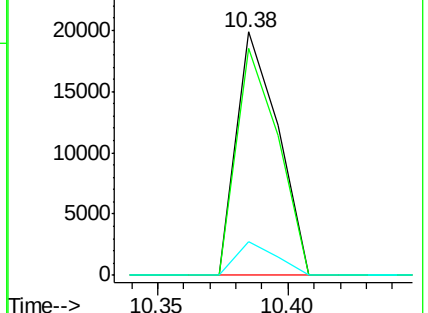
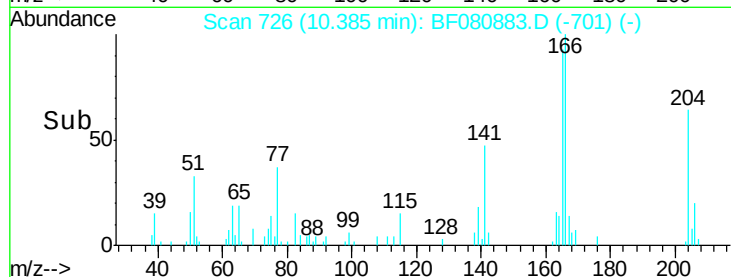
167 13.8 10.8 16.2



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: 2.60 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Tgt Ion:232 Resp: 4926

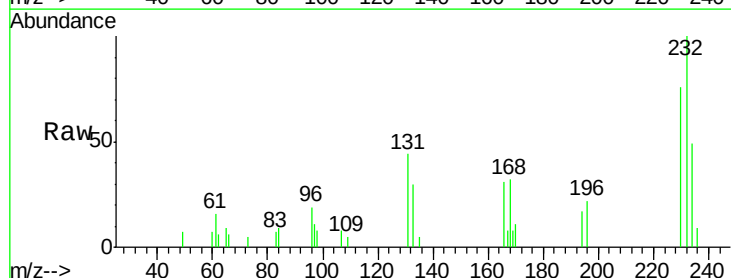
Ion Ratio Lower Upper

232 100

131 49.3 44.9 67.3

130 0.0 1.9 2.9#

166 32.5 27.2 40.8

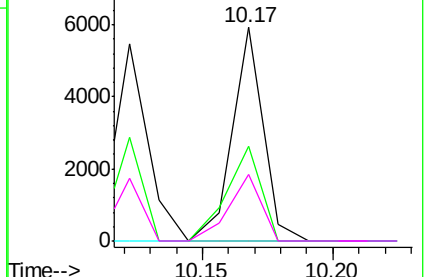
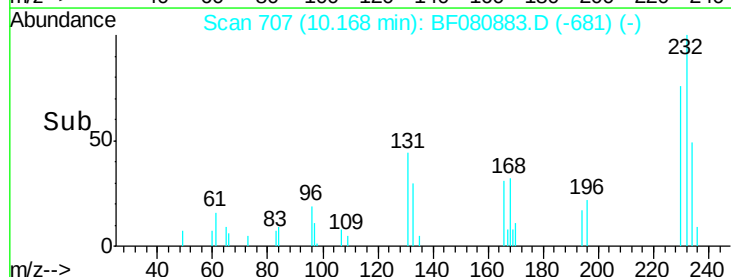


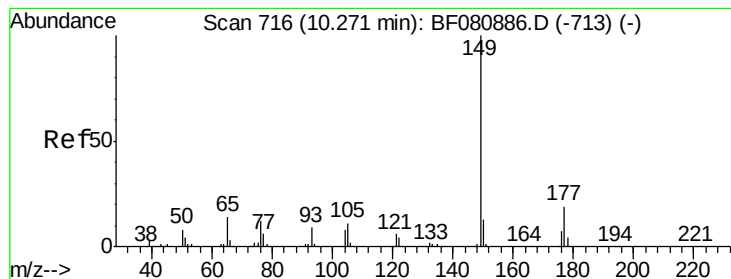
Abundance Ion 232.00 (231.70 to 232.70): E

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: 2.61 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

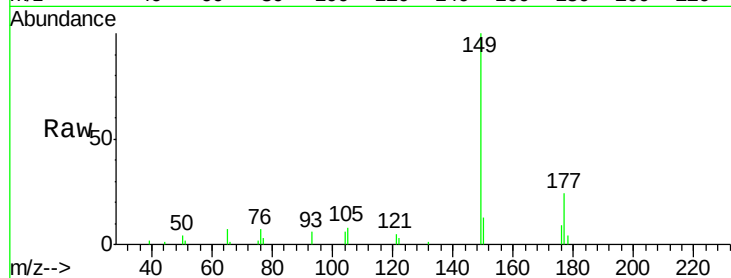
Tot Ion:149 Resp: 23741

Ion Ratio Lower Upper

149 100

177 24.2 14.9 22.3#

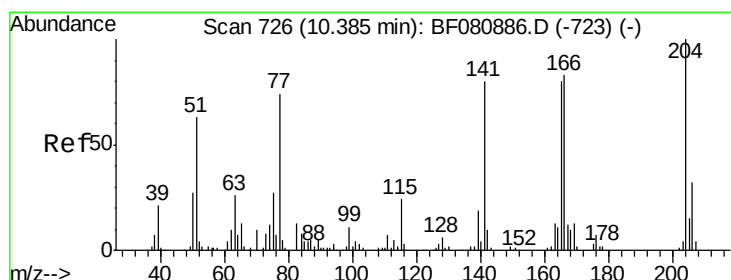
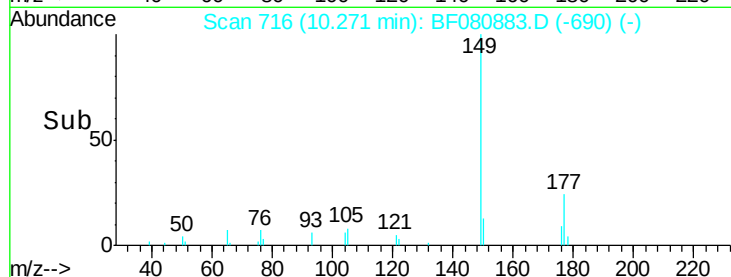
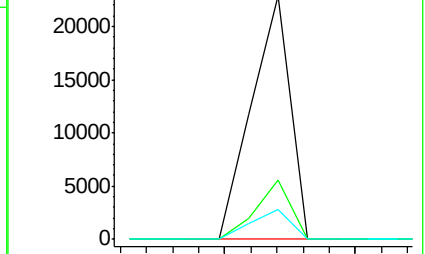
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 2.89 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

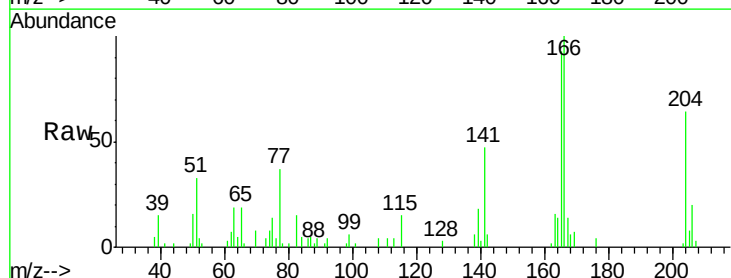
Tgt Ion:204 Resp: 10629

Ion Ratio Lower Upper

204 100

206 31.8 25.8 38.6

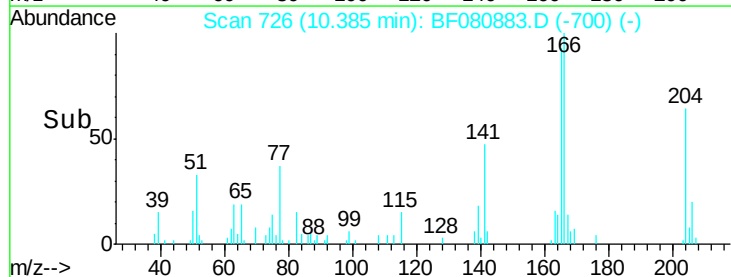
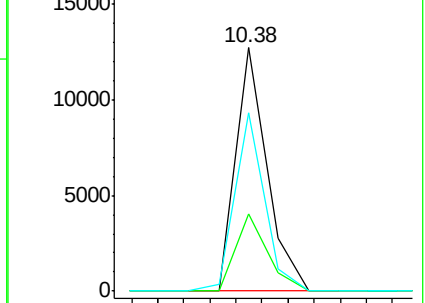
141 73.3 63.8 95.6

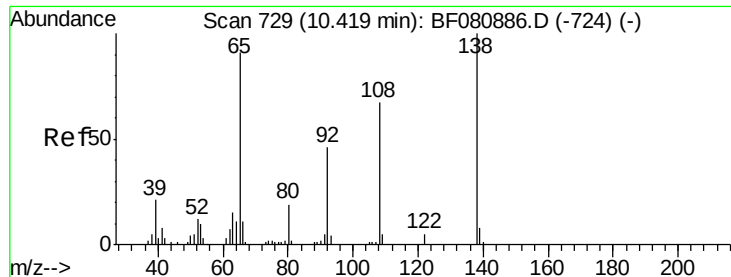


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

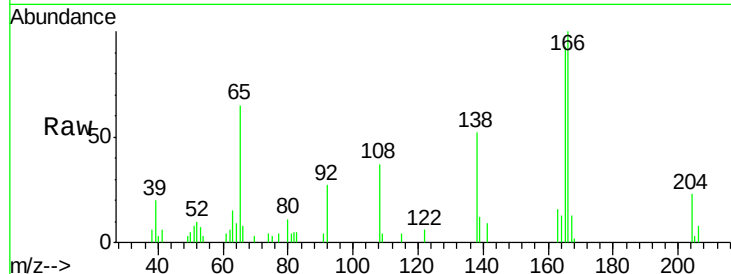




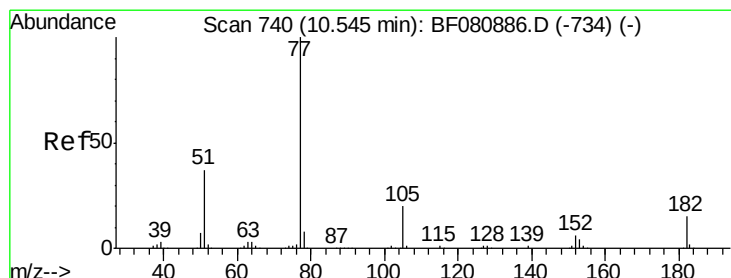
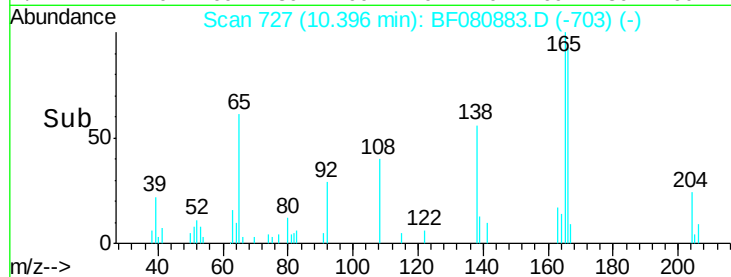
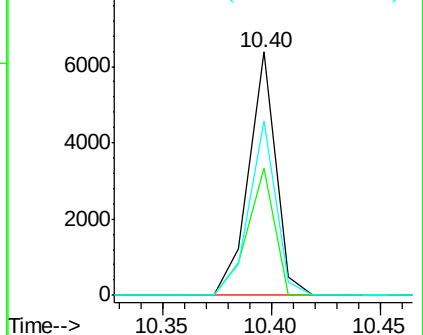
#61
4-Nitroaniline
Concen: 2.44 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 5541
Ion Ratio Lower Upper
138 100
92 52.4 25.6 65.6
108 71.9 46.9 86.9

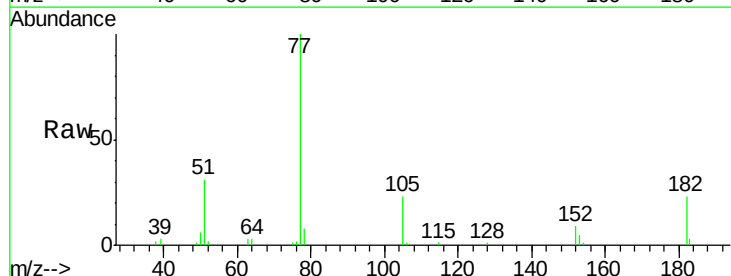


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

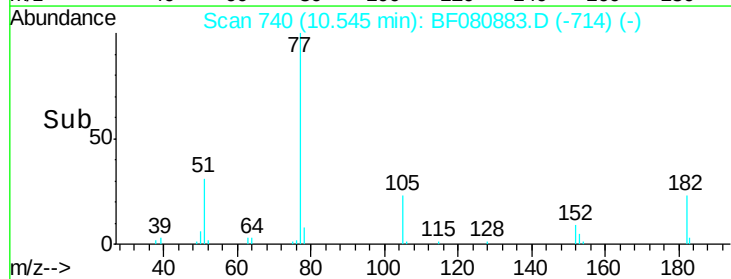
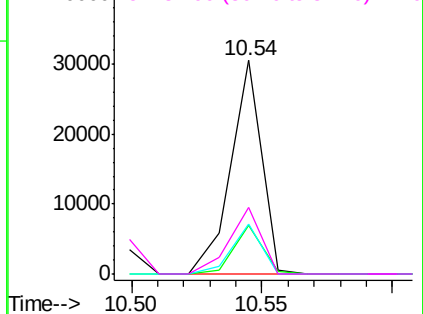


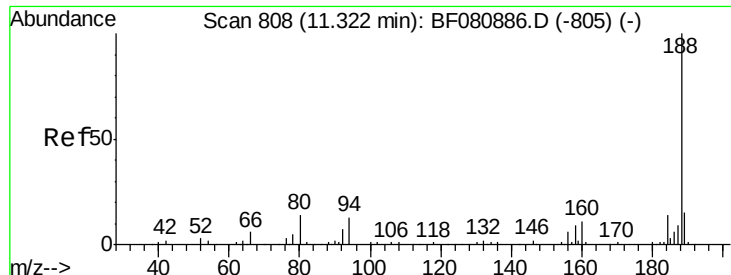
#62
Azobenzene
Concen: 2.55 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 77 Resp: 25429
Ion Ratio Lower Upper
77 100
182 22.6 0.0 34.5
105 23.2 0.2 40.2
51 31.1 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

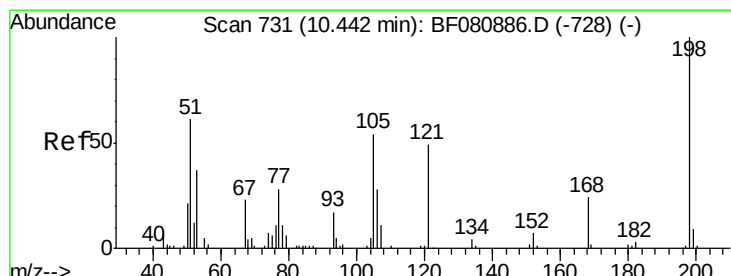
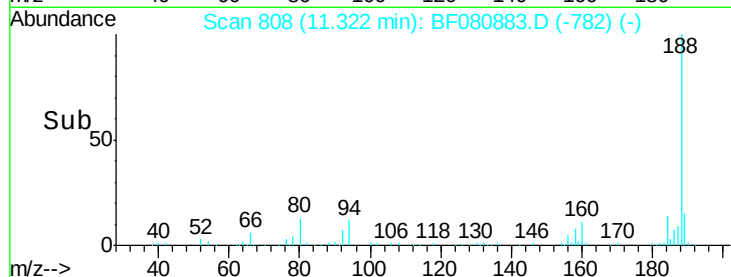
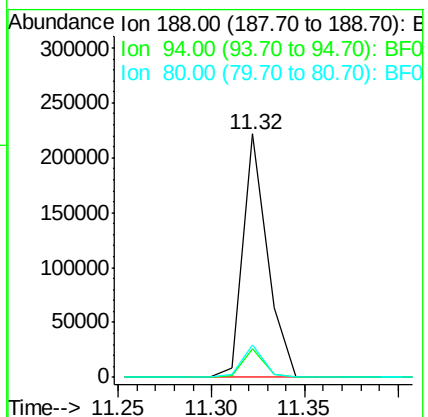
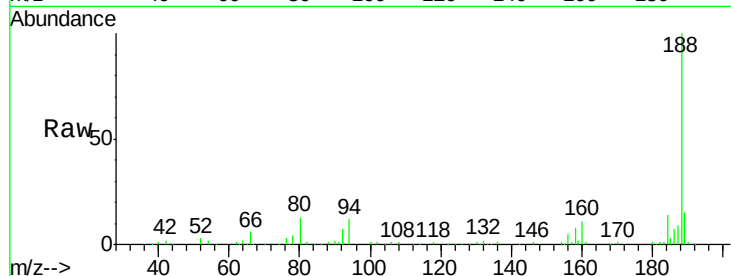




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

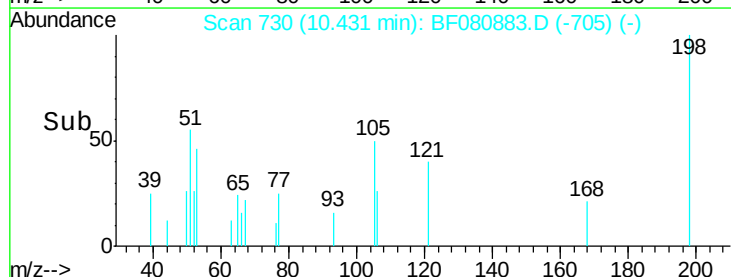
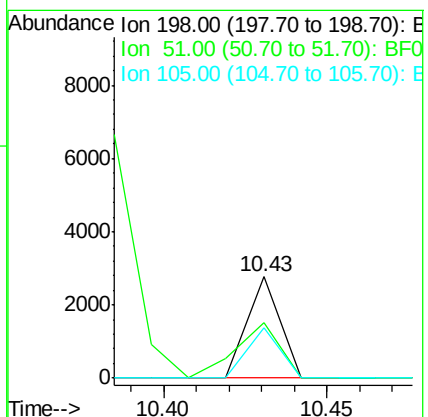
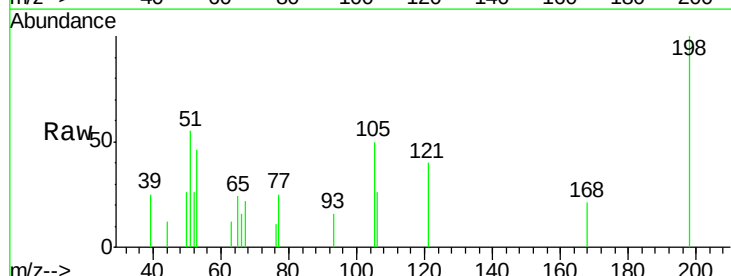
Instrument :
BNA_F
ClientSampleId :

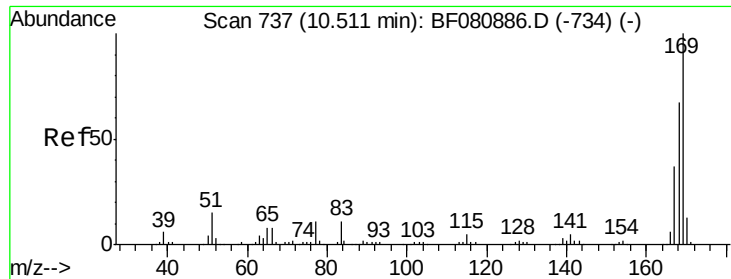
Tot Ion:188 Resp: 202103
Ion Ratio Lower Upper
188 100
94 11.8 10.2 15.2
80 13.2 11.4 17.2



#64
4,6-Dinitro-2-methylphenol
Concen: 1.44 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:198 Resp: 1893
Ion Ratio Lower Upper
198 100
51 55.0 47.9 87.9
105 50.1 35.0 75.0

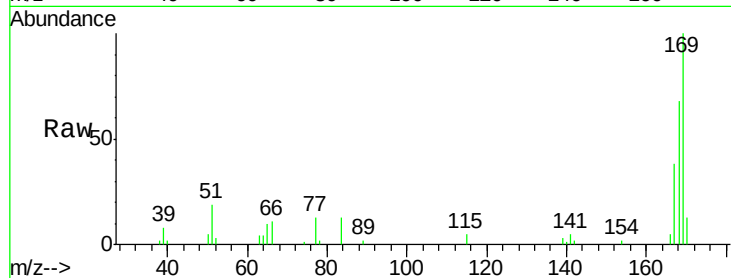




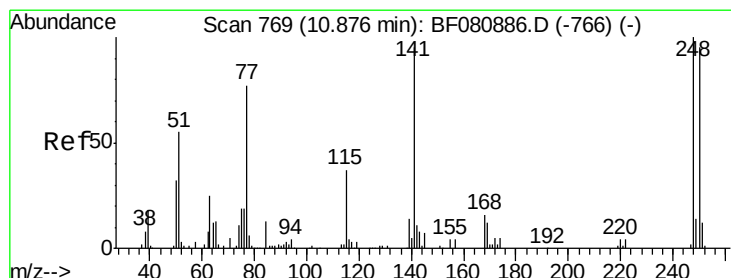
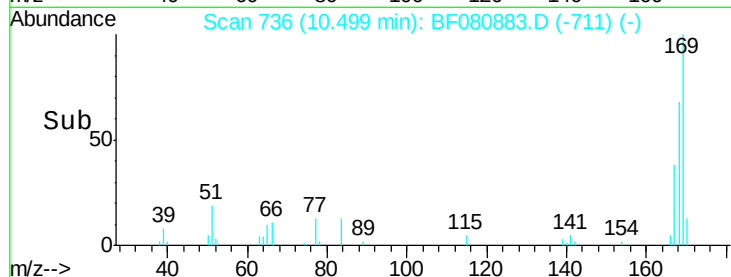
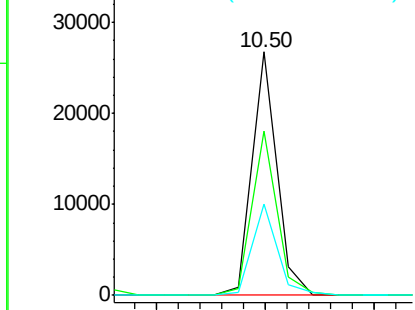
#65
 n-Nitrosodiphenylamine
 Concen: 2.93 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 21107
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.0 81.0
 167 37.7 29.8 44.8

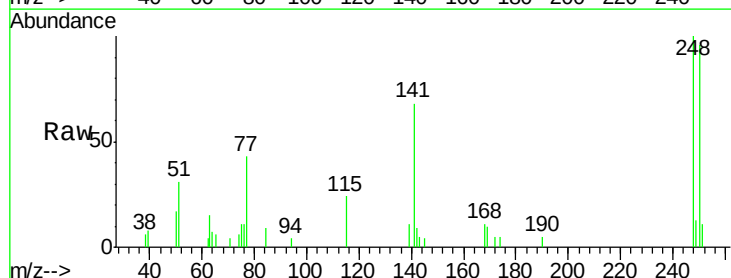


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

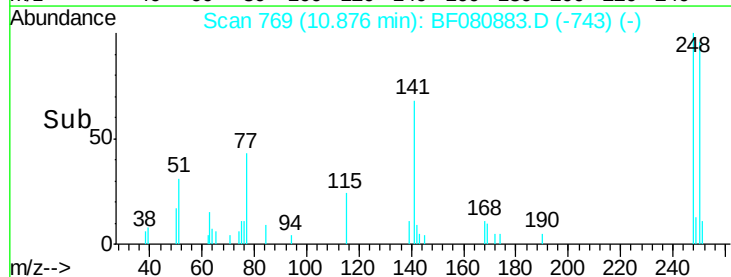
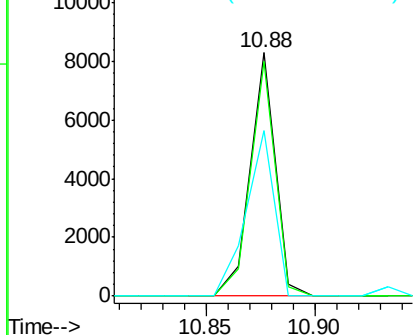


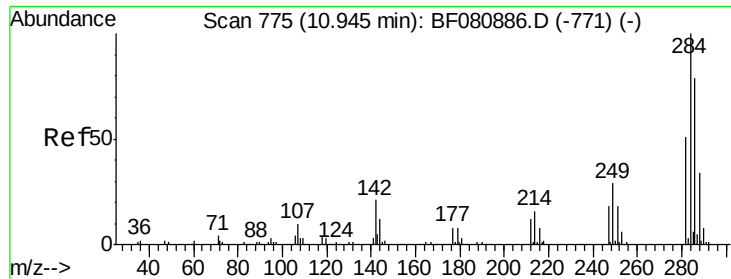
#66
 4-Bromophenyl-phenylether
 Concen: 3.03 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:248 Resp: 6650
 Ion Ratio Lower Upper
 248 100
 250 96.2 75.9 113.9
 141 68.1 75.8 113.6#



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

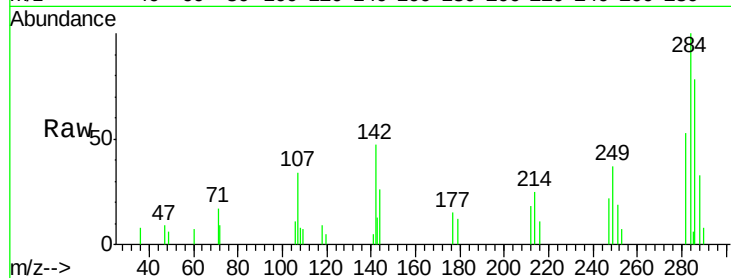




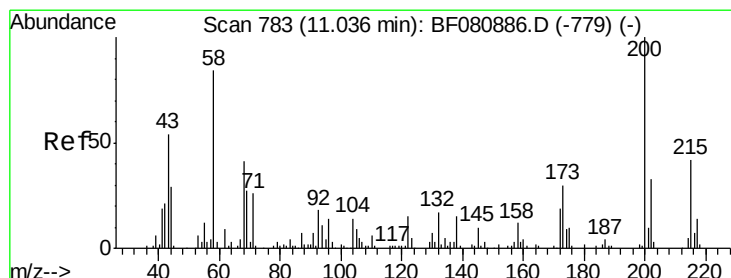
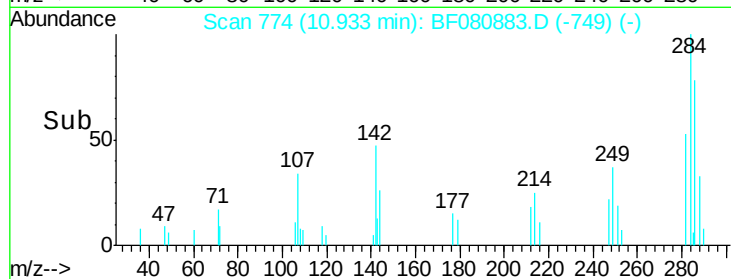
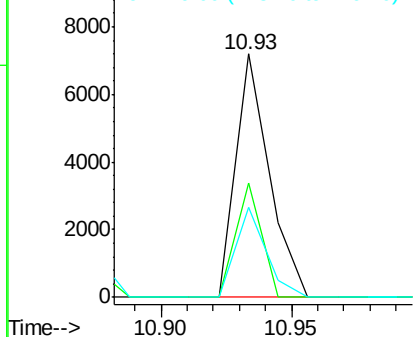
#67
Hexachlorobenzene
Concen: 2.71 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 6444
Ion Ratio Lower Upper
284 100
142 46.9 16.4 24.6#
249 36.8 23.1 34.7#

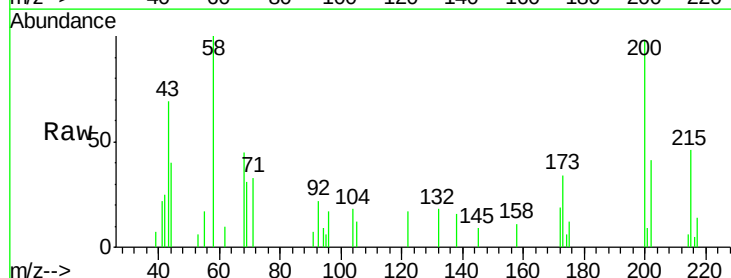


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

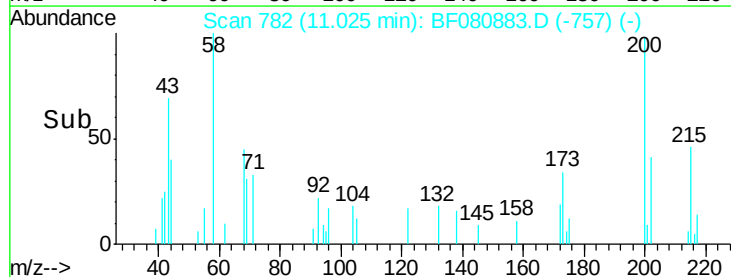
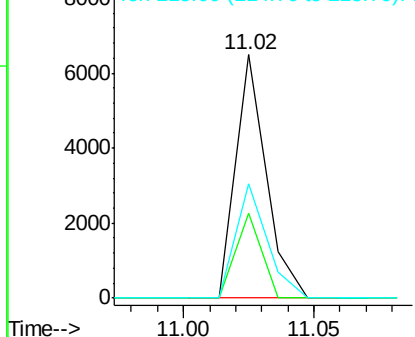


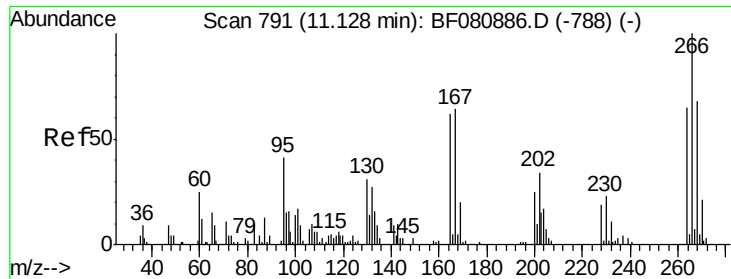
#68
Atrazine
Concen: 2.55 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:200 Resp: 5299
Ion Ratio Lower Upper
200 100
173 35.0 10.0 50.0
215 47.0 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

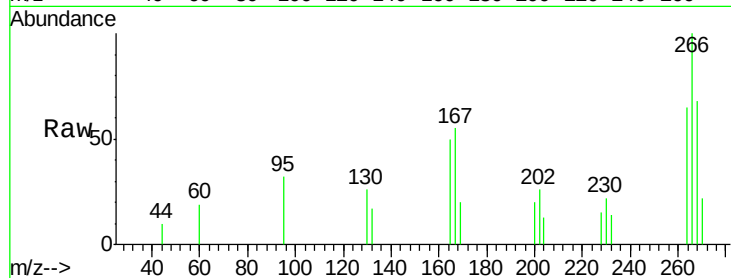




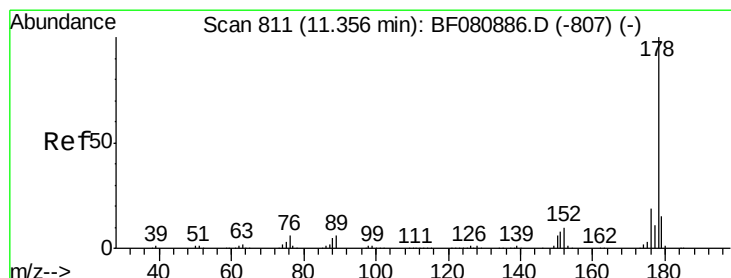
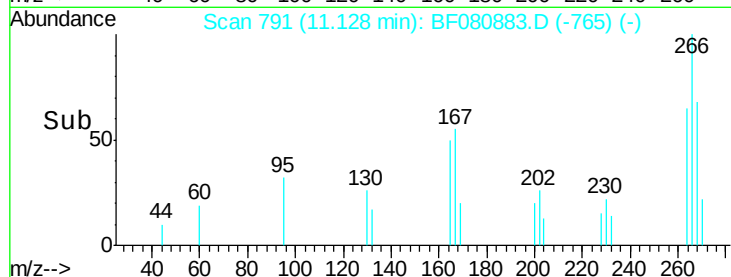
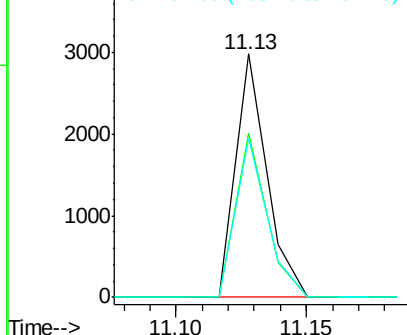
#69
 Pentachlorophenol
 Concen: 1.87 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 2493
 Ion Ratio Lower Upper
 266 100
 268 67.5 54.1 81.1
 264 65.2 51.6 77.4

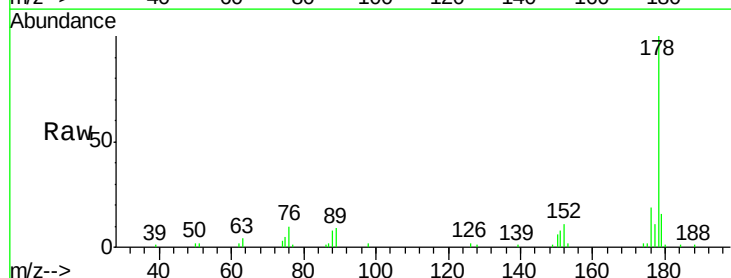


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

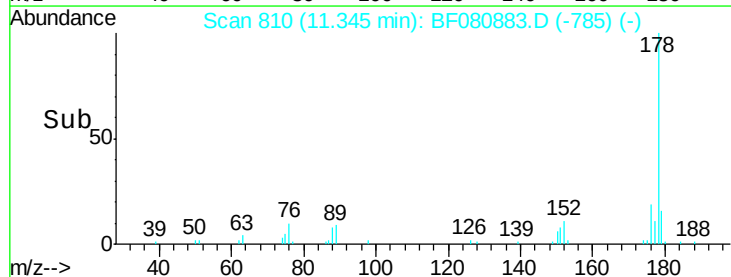
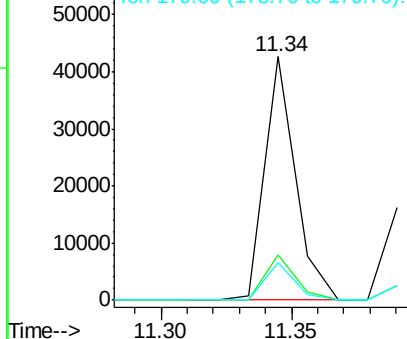


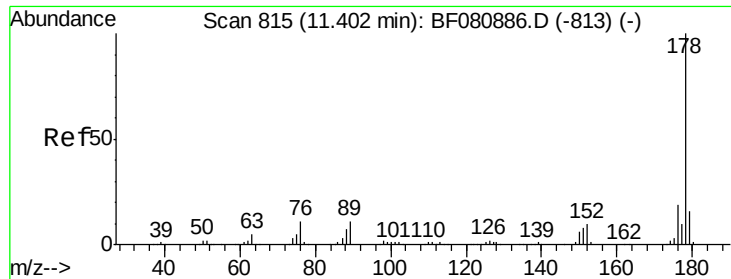
#70
 Phenanthrene
 Concen: 2.96 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:178 Resp: 35052
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.6 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

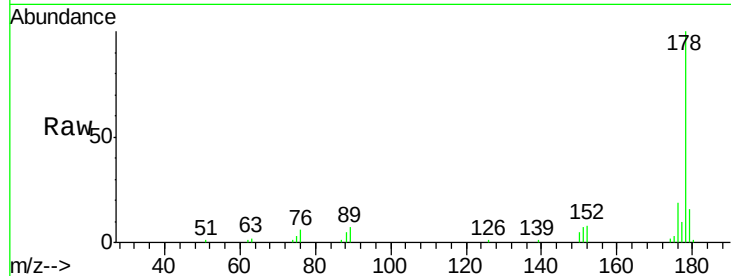




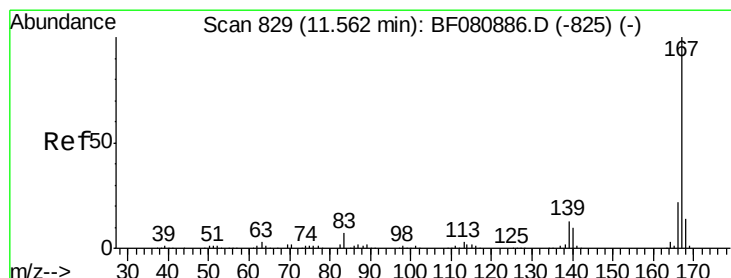
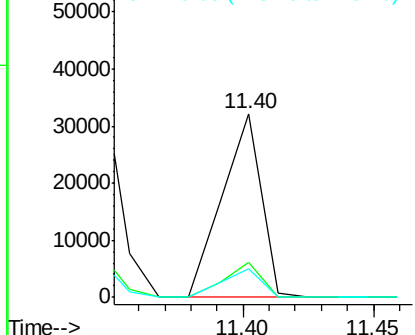
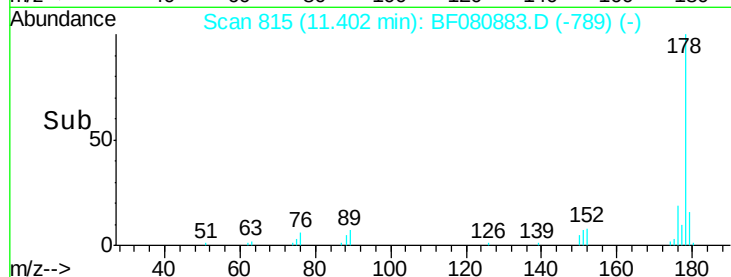
#71
 Anthracene
 Concen: 2.89 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 33636
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.5 12.5 18.7

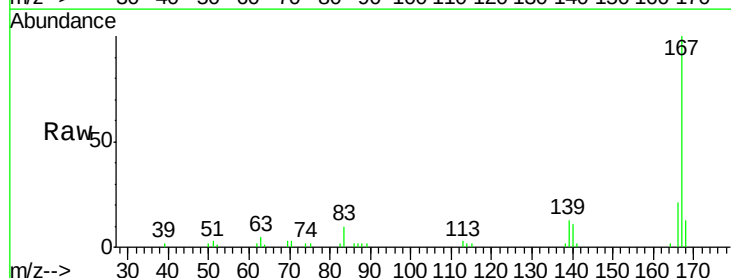


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

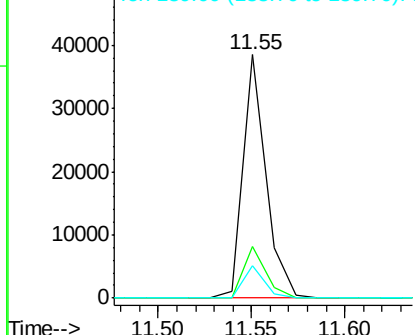
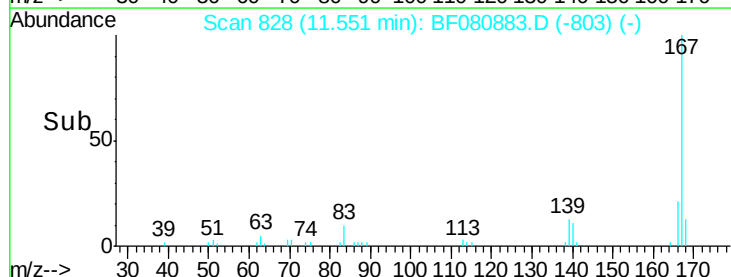


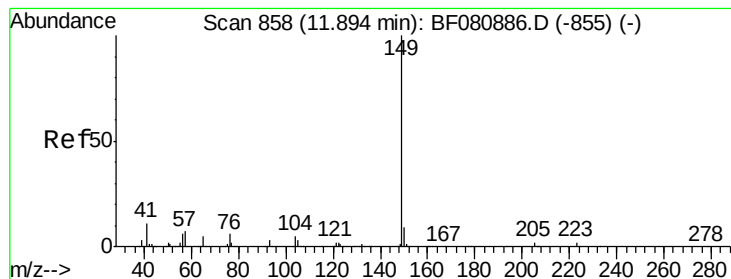
#72
 Carbazole
 Concen: 2.81 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:167 Resp: 33049
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.3 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: 2.84 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

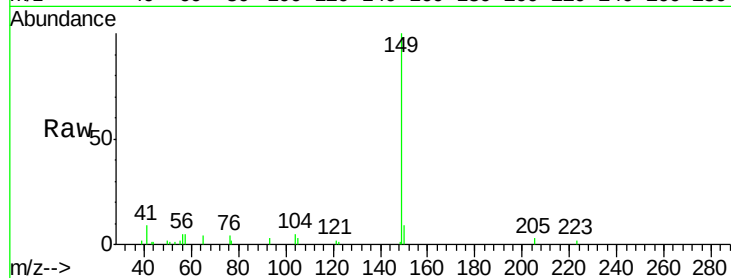
Tot Ion:149 Resp: 40699

Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

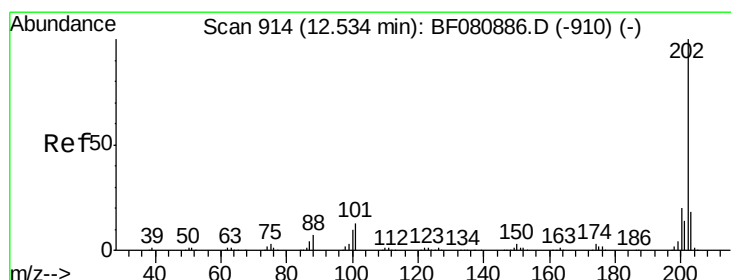
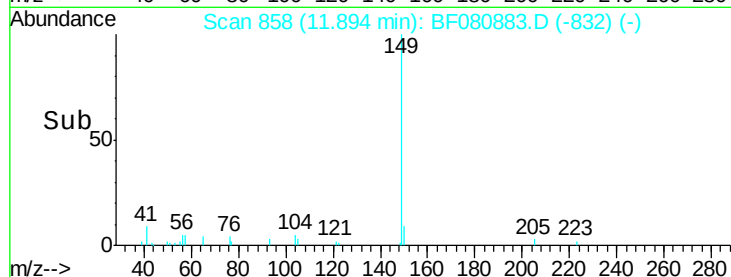
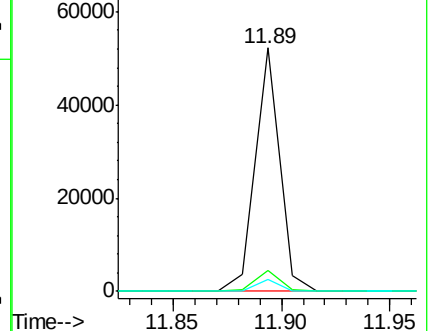
104 5.0 4.3 6.5



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: 2.88 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

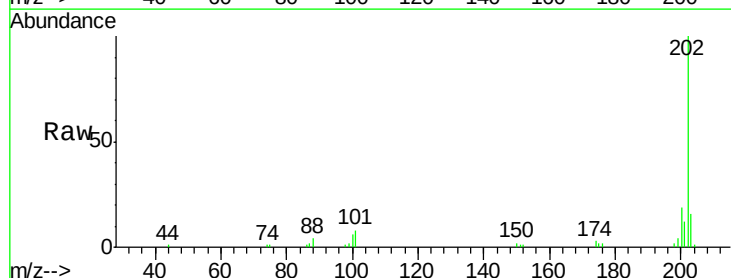
Tgt Ion:202 Resp: 37220

Ion Ratio Lower Upper

202 100

101 8.1 0.0 32.7

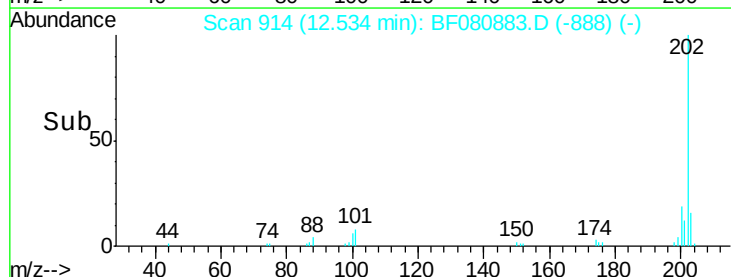
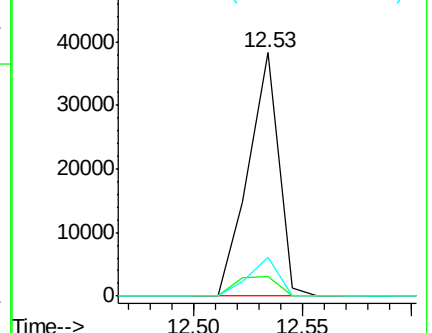
203 15.9 0.0 37.6

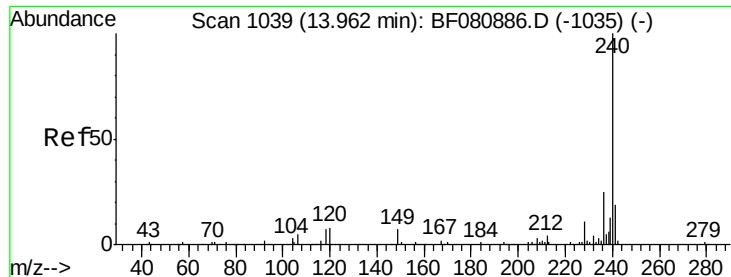


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

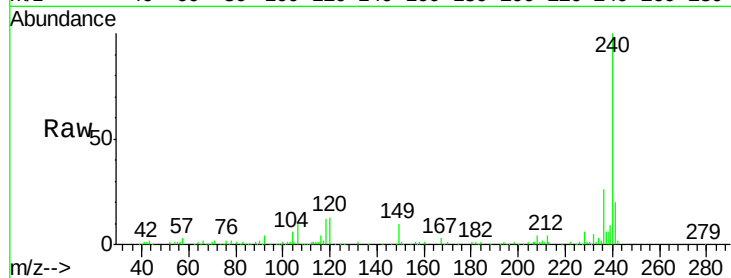
Tot Ion:240 Resp: 188836

Ion Ratio Lower Upper

240 100

120 13.4 6.4 9.6#

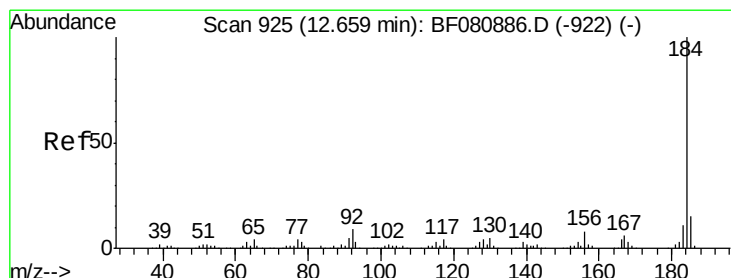
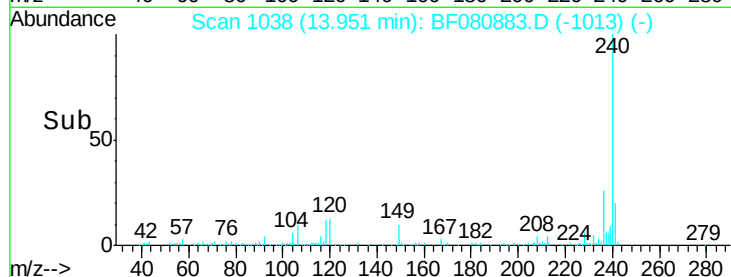
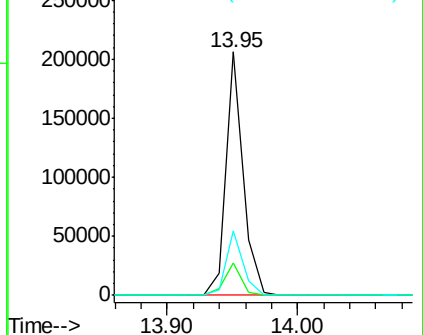
236 26.2 20.2 30.4



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: 2.09 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

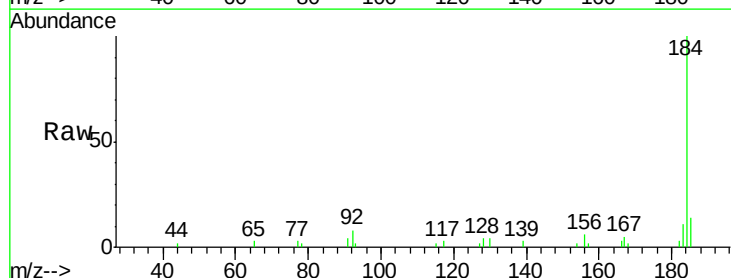
Tgt Ion:184 Resp: 16085

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

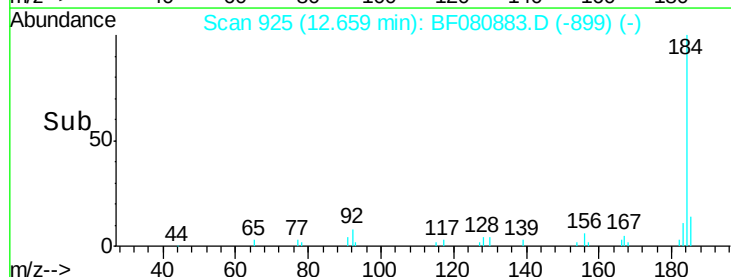
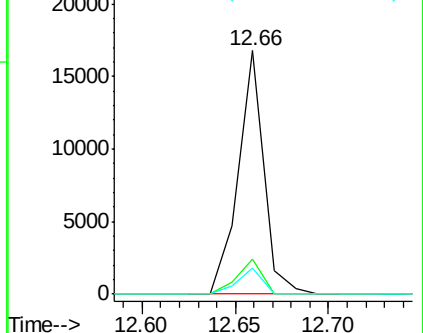
183 10.8 8.9 13.3

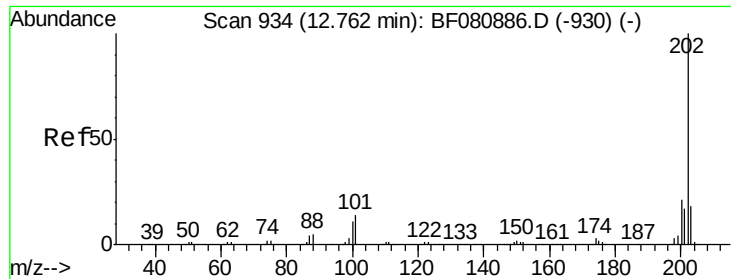


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

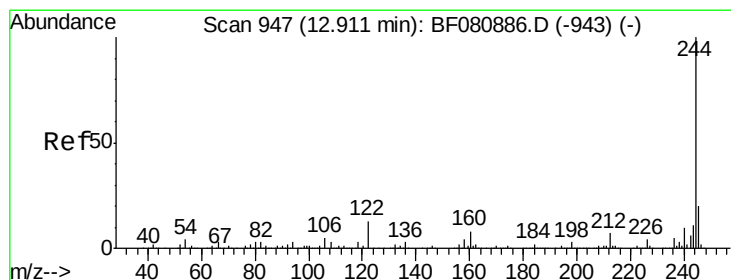
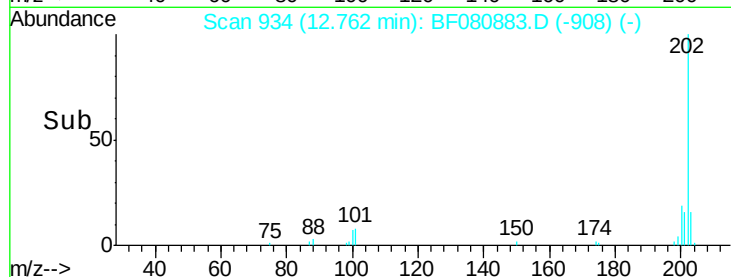
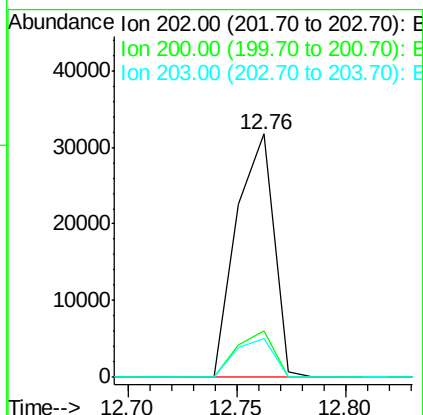
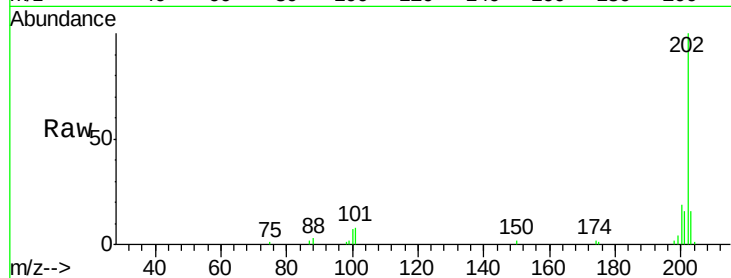




#77
 Pvrene
 Concen: 2.69 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

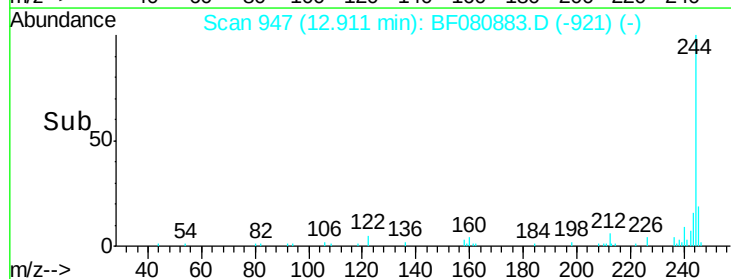
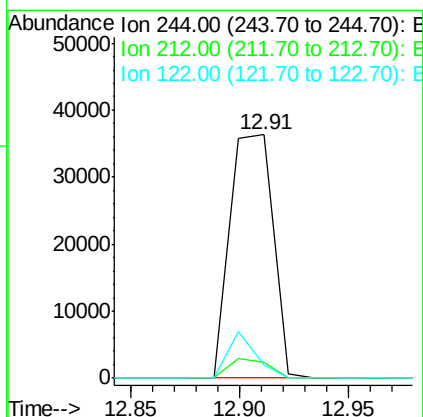
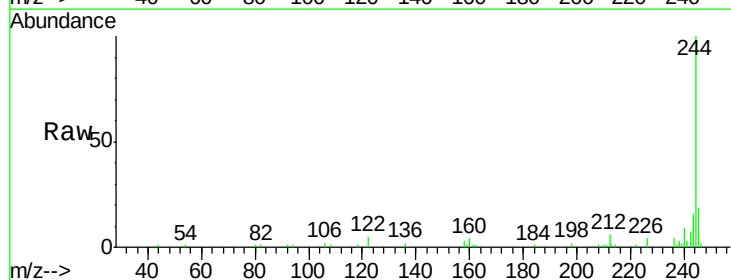
Instrument :
 BNA_F
 ClientSampleId :

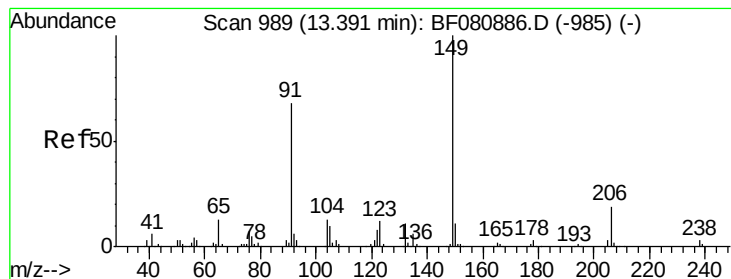
Tot Ion:202 Resp: 37746
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.6 24.8
 203 16.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 5.57 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:244 Resp: 49928
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 5.4 10.6 16.0#





#79

Butylbenzylphthalate

Concen: 2.31 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

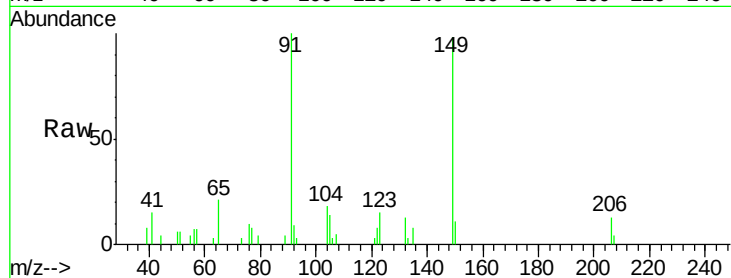
Tot Ion:149 Resp: 15537

Ion Ratio Lower Upper

149 100

91 101.6 54.0 81.0#

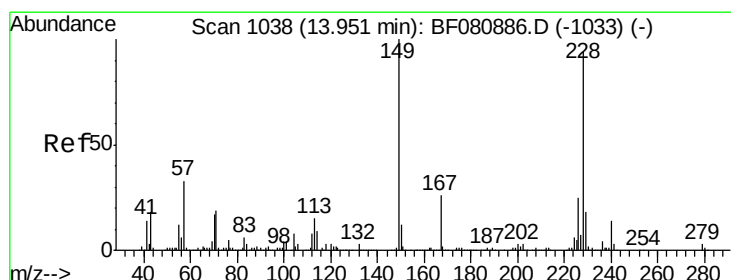
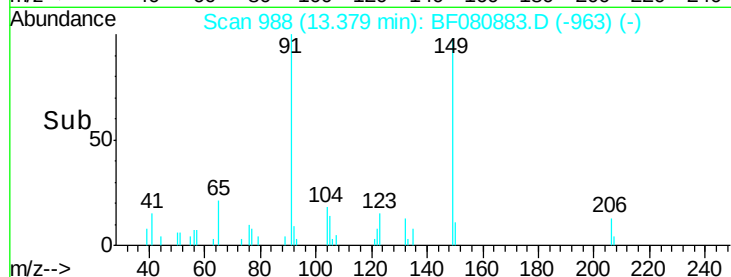
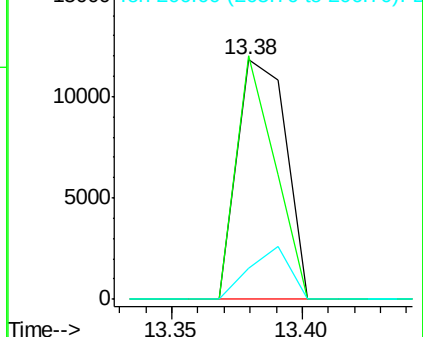
206 12.9 15.1 22.7#



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: 2.84 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

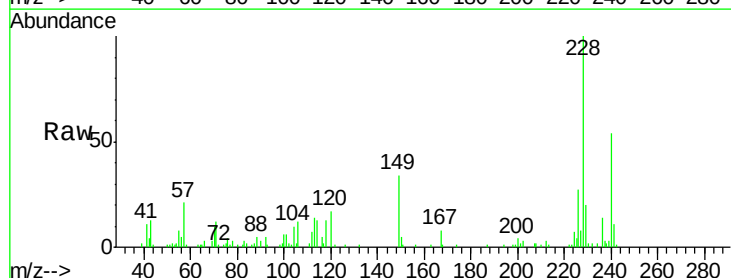
Tgt Ion:228 Resp: 34987

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

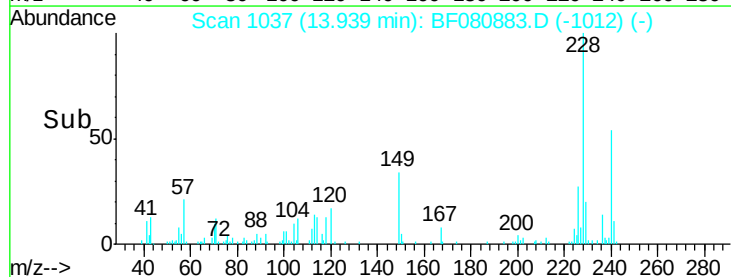
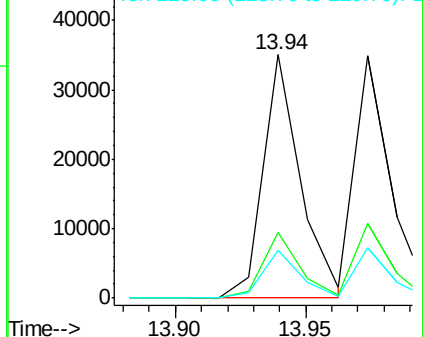
229 19.6 14.9 22.3

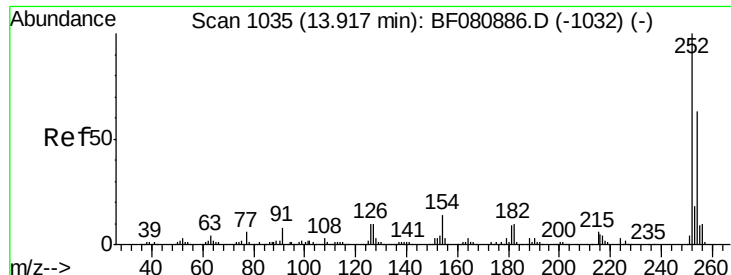


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

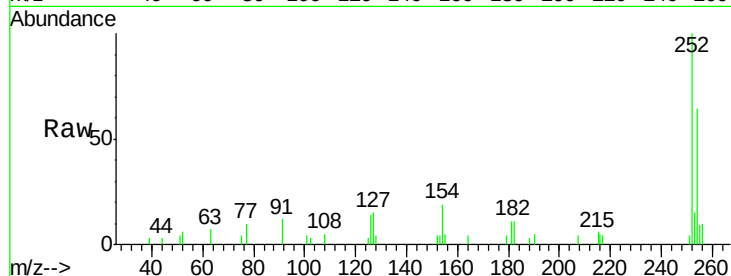




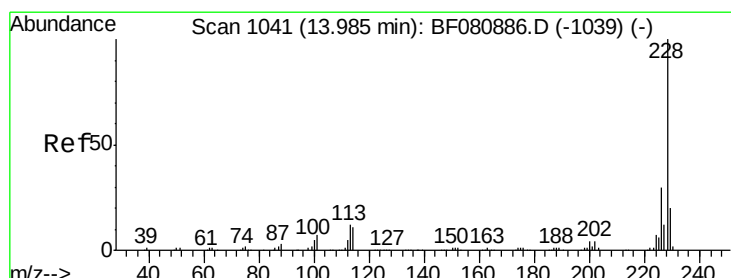
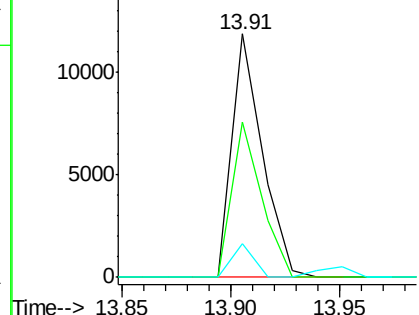
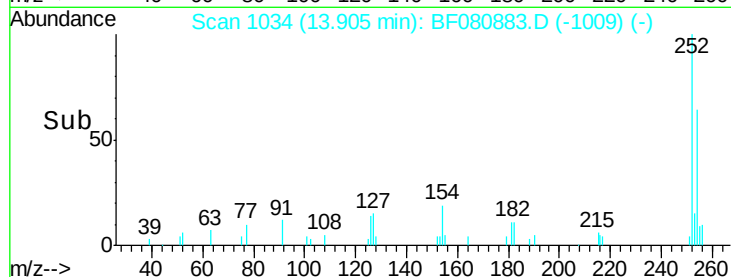
#81
 3,3'-Dichlorobenzidine
 Concen: 2.48 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 11464
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.0 75.0
 126 14.0 8.1 12.1#

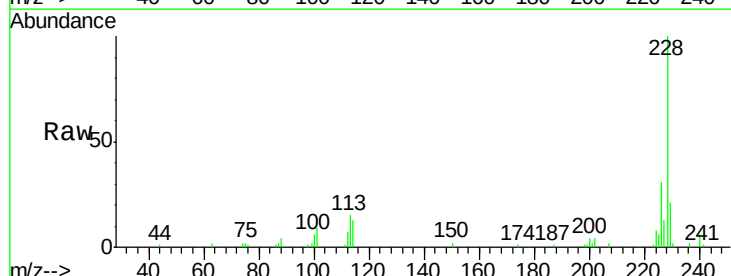


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

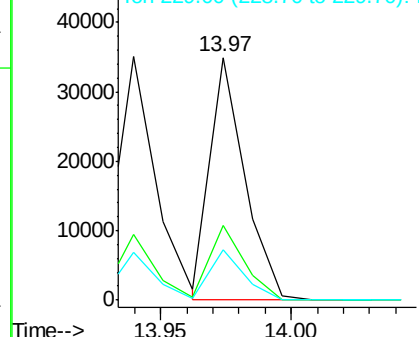
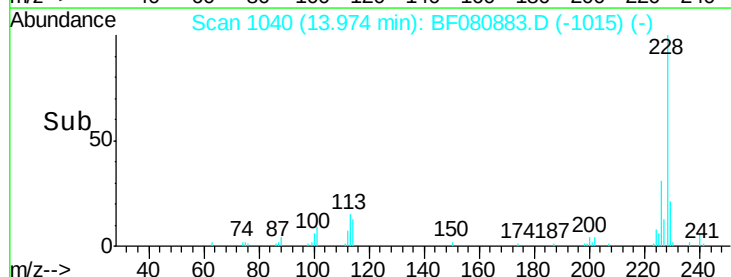


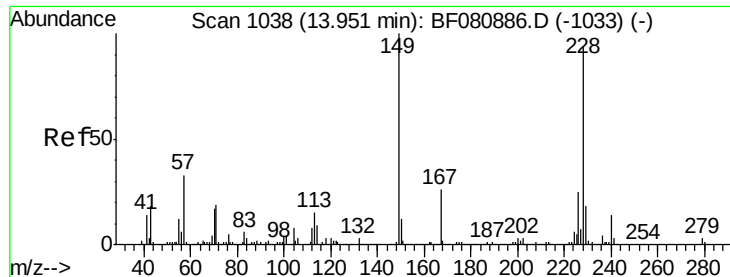
#82
 Chrysene
 Concen: 2.75 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion:228 Resp: 32405
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.2
 229 20.7 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

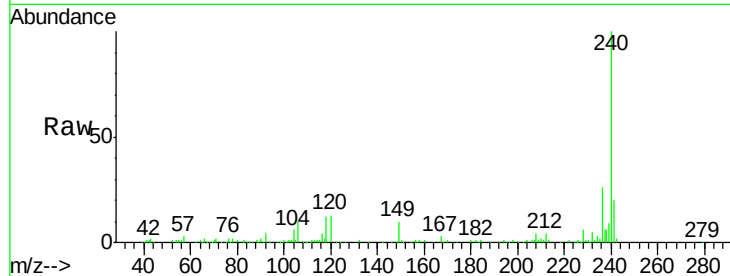




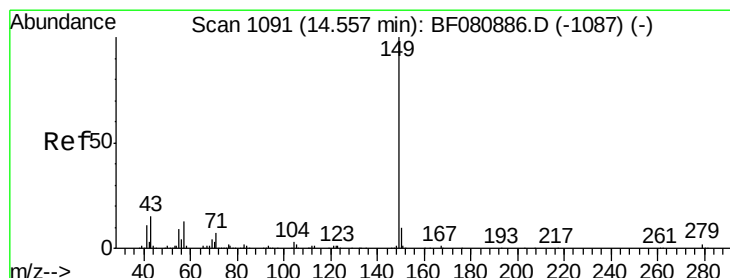
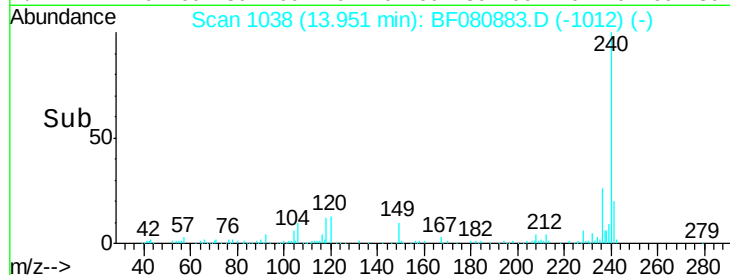
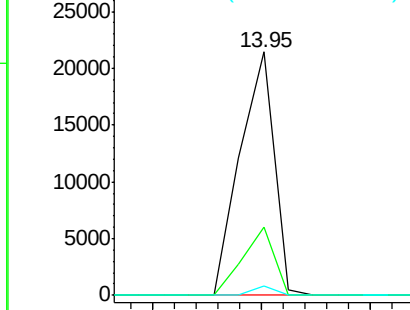
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.53 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.6	31.0
279	3.9	2.4	3.6#

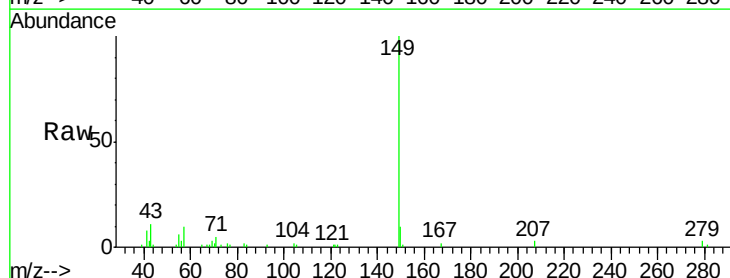


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

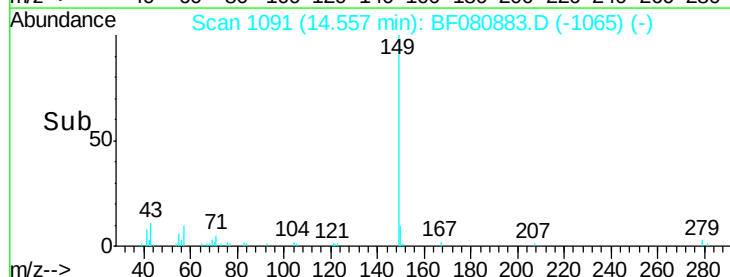
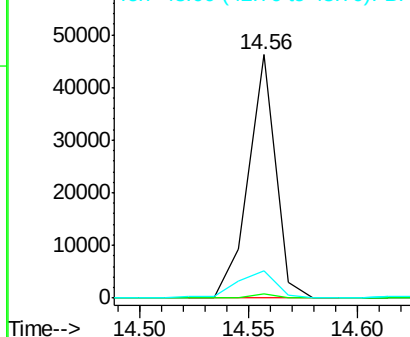


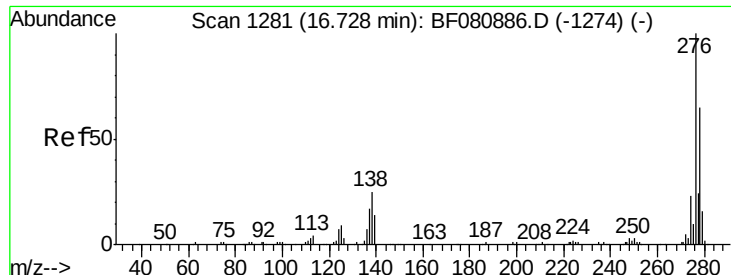
#84
 Di-n-octyl phthalate
 Concen: 2.48 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.1	1.7
43	16.2	11.5	17.3



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

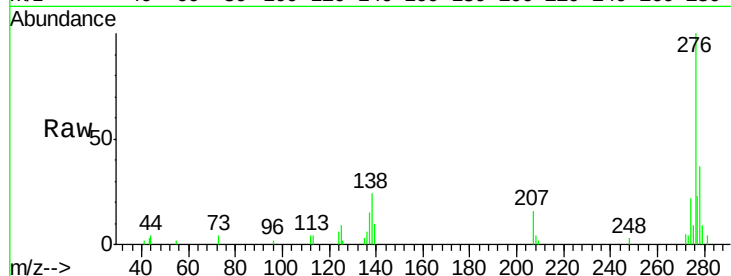
Tot Ion:276 Resp: 28085

Ion Ratio Lower Upper

276 100

138 26.5 20.7 31.1

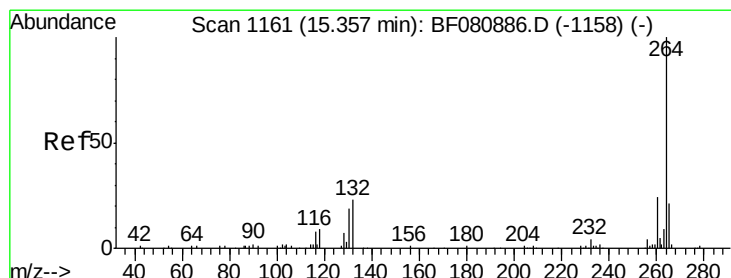
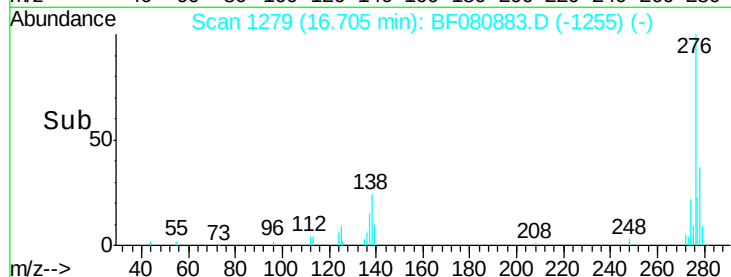
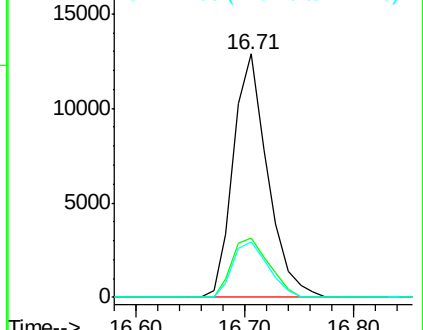
277 23.8 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

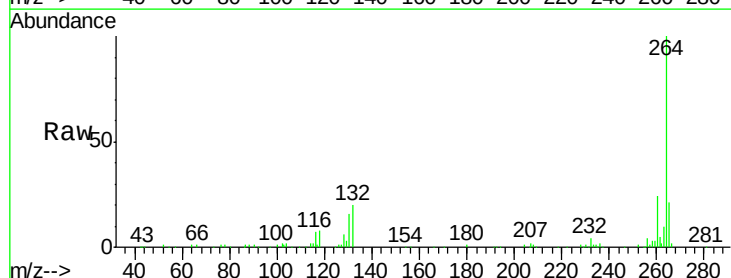
Tgt Ion:264 Resp: 180735

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

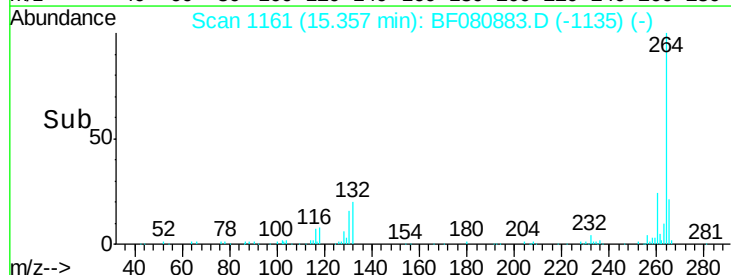
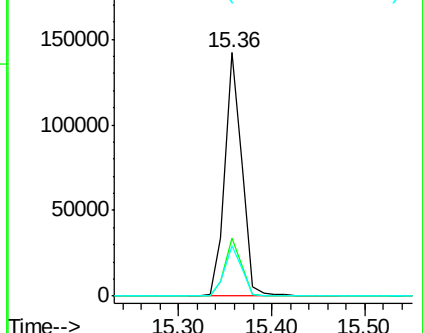
265 20.8 17.0 25.6

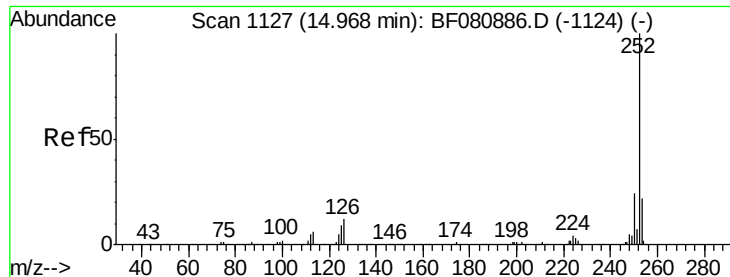


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

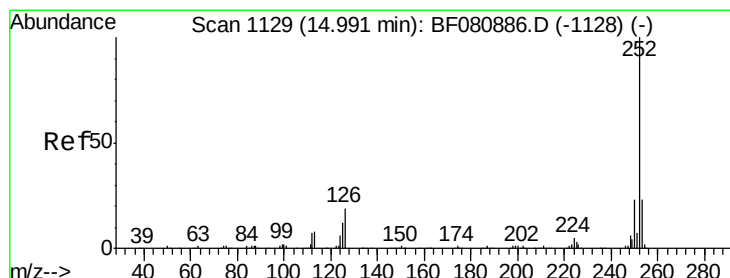
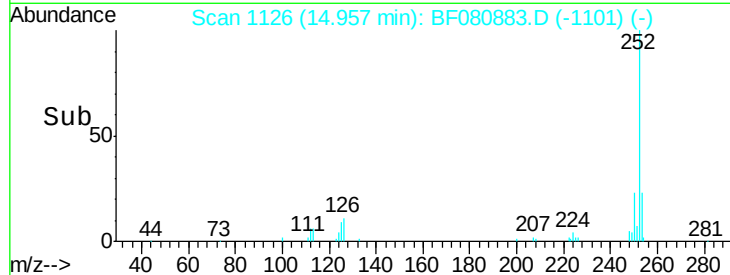
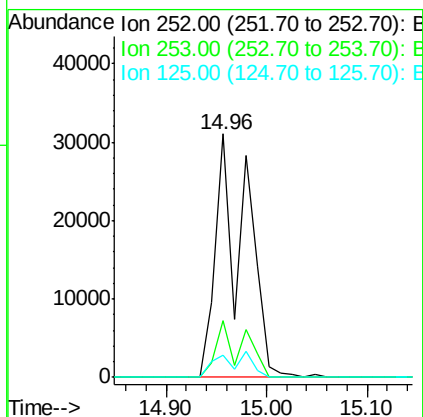
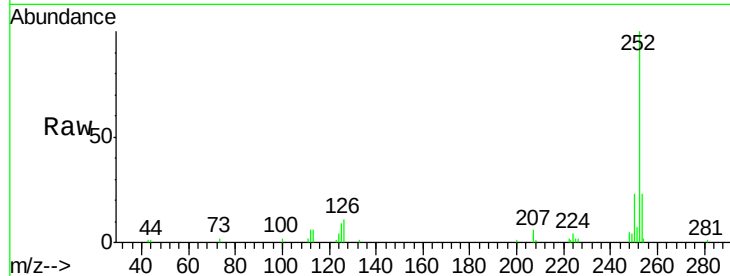




#87
Benzo(b)fluoranthene
Concen: 5.02 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

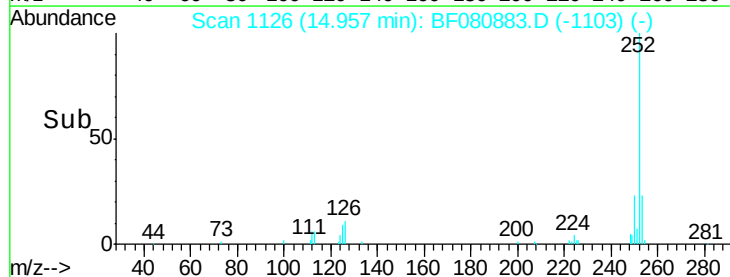
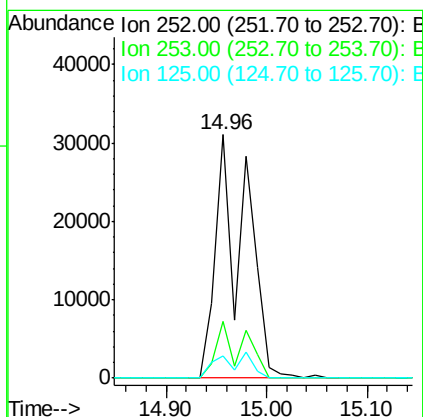
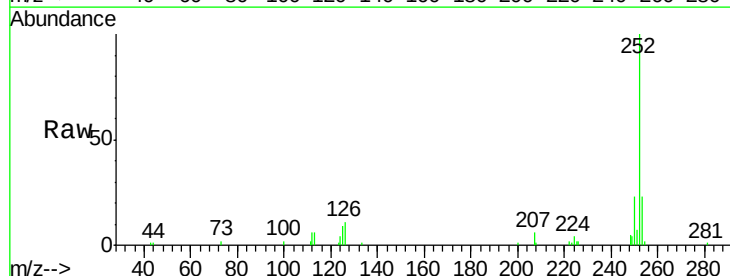
Instrument :
BNA_F
ClientSampleId :

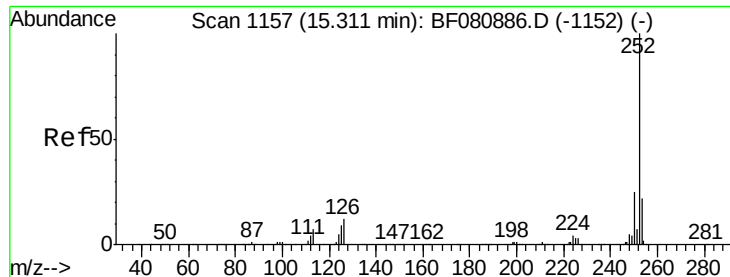
Tot Ion:252 Resp: 63768
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 9.4 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 5.93 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:252 Resp: 63768
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 9.4 9.8 14.8#





#89

Benzo(a)pyrene

Concen: 2.53 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

Instrument :

BNA_F

ClientSampleId :

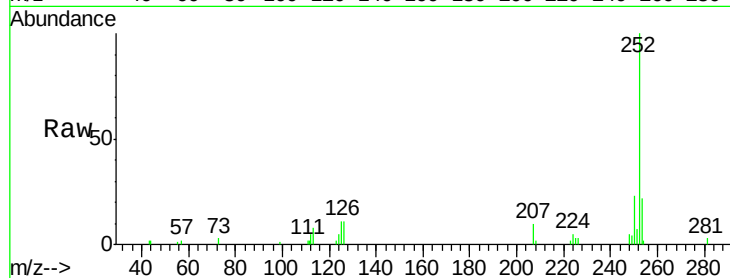
Tot Ion:252 Resp: 27648

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

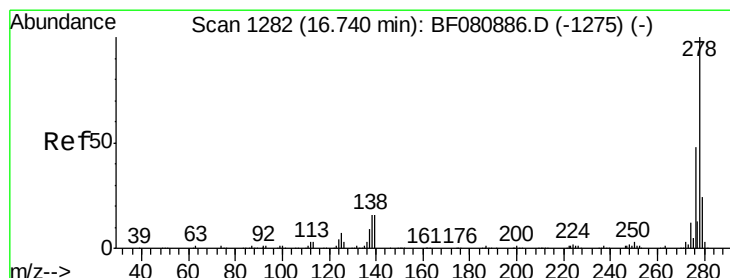
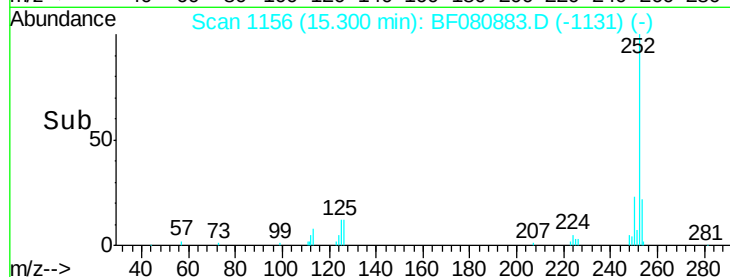
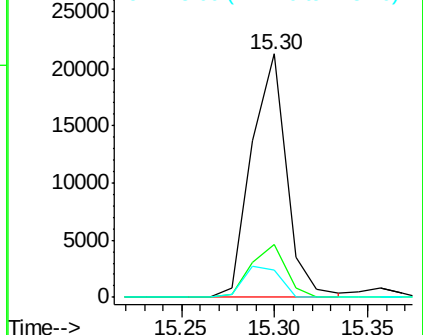
125 11.3 7.5 11.3



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: 2.54 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF080883.D

Acq: 6 Aug 2015 11:01

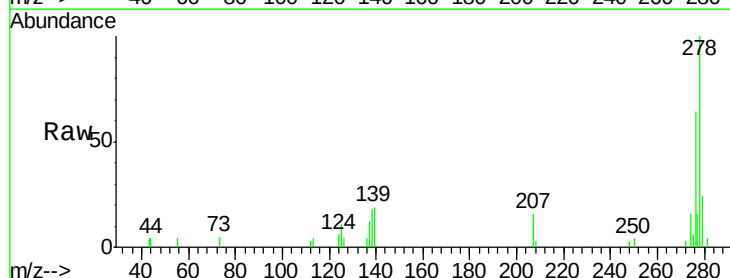
Tgt Ion:278 Resp: 23904

Ion Ratio Lower Upper

278 100

139 18.6 13.2 19.8

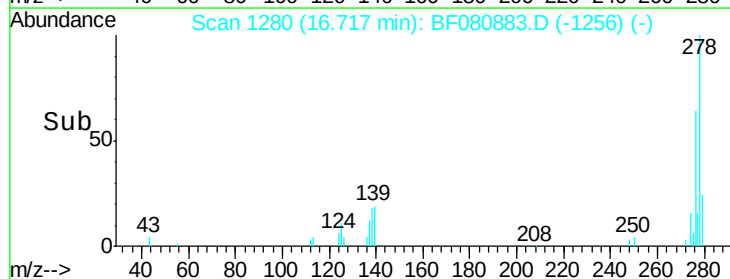
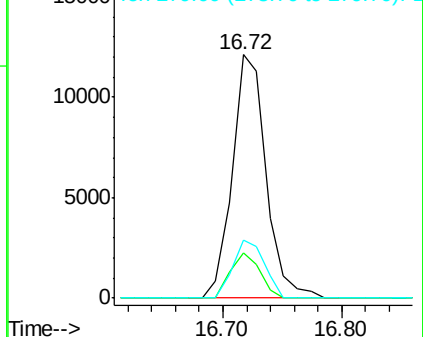
279 23.6 19.1 28.7

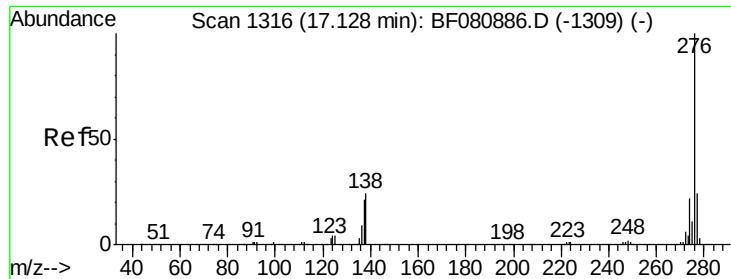


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

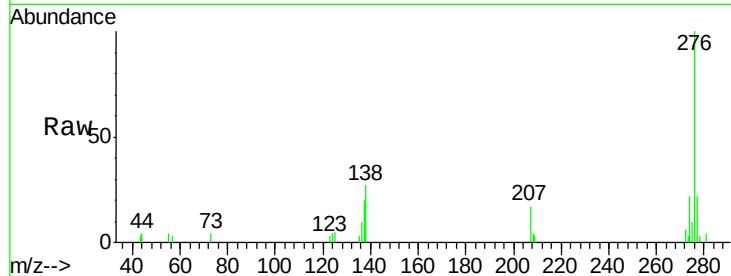




#91
 Benzo(a,h,i)perylene
 Concen: 2.50 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF080883.D
 Acq: 6 Aug 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.3	28.9
138	26.6	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

