

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080953.D
 Acq On : 10 Aug 2015 16:01
 Operator : TP/UM
 Sample : PB84907BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Quant Time: Aug 11 01:10:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	20611	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	74372	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	35857	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	86275	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	69868	20.00	ng	-0.03
86) Perylene-d12	15.31	264	58324	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	35252	27.94	ng	-0.01
7) Phenol-d6	6.41	99	47013	27.20	ng	-0.03
23) Nitrobenzene-d5	7.34	82	29198	18.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	13137	33.35	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	58042	22.79	ng	-0.02
78) Terphenyl-d14	12.88	244	62998	18.62	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	8581	14.34	ng	95
3) Pyridine	3.10	79	19970	11.77	ng	97
4) n-Nitrosodimethylamine	2.99	42	12767	14.74	ng	94
6) Aniline	6.44	93	38311	15.08	ng	95
8) 2-Chlorophenol	6.57	128	22137	15.17	ng	94
9) Benzaldehyde	6.33	77	19902	17.08	ng	93
10) Phenol	6.42	94	29757	14.51	ng	89
11) bis(2-Chloroethyl)ether	6.52	93	20267	13.23	ng	86
12) 1,3-Dichlorobenzene	6.73	146	23684	15.29	ng	98
13) 1,4-Dichlorobenzene	6.73	146	23684	14.71	ng	98
14) 1,2-Dichlorobenzene	6.96	146	26095	17.93	ng	95
15) Benzyl Alcohol	6.92	79	21977	15.54	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	49953	16.21	ng	98
17) 2-Methylphenol	7.04	107	18315	14.70	ng	# 91
18) Hexachloroethane	7.30	117	10230	16.59	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	19123	15.14	ng	91
20) 3+4-Methylphenols	7.20	107	24606	15.72	ng	94
22) Acetophenone	7.20	105	35207	19.32	ng	# 88
24) Nitrobenzene	7.37	77	25572	15.80	ng	# 84
25) Isophorone	7.61	82	52573	17.39	ng	97
26) 2-Nitrophenol	7.69	139	11900	17.47	ng	88
27) 2,4-Dimethylphenol	7.72	122	19530	15.31	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	33006	18.18	ng	97
29) 2,4-Dichlorophenol	7.93	162	17325	16.53	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	19416	16.95	ng	# 93
31) Naphthalene	8.09	128	68264	16.65	ng	100
32) Benzoic acid	7.78	122	3620	4.74	ng	# 88
33) 4-Chloroaniline	8.14	127	29060	17.44	ng	# 91
34) Hexachlorobutadiene	8.21	225	12811	18.80	ng	99
35) Caprolactam	8.48	113	6283	16.67	ng	# 90
36) 4-Chloro-3-methylphenol	8.62	107	20774	16.25	ng	# 81
37) 2-Methylnaphthalene	8.78	142	47195	18.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	20618	18.65	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	25139	41.68	ng	99

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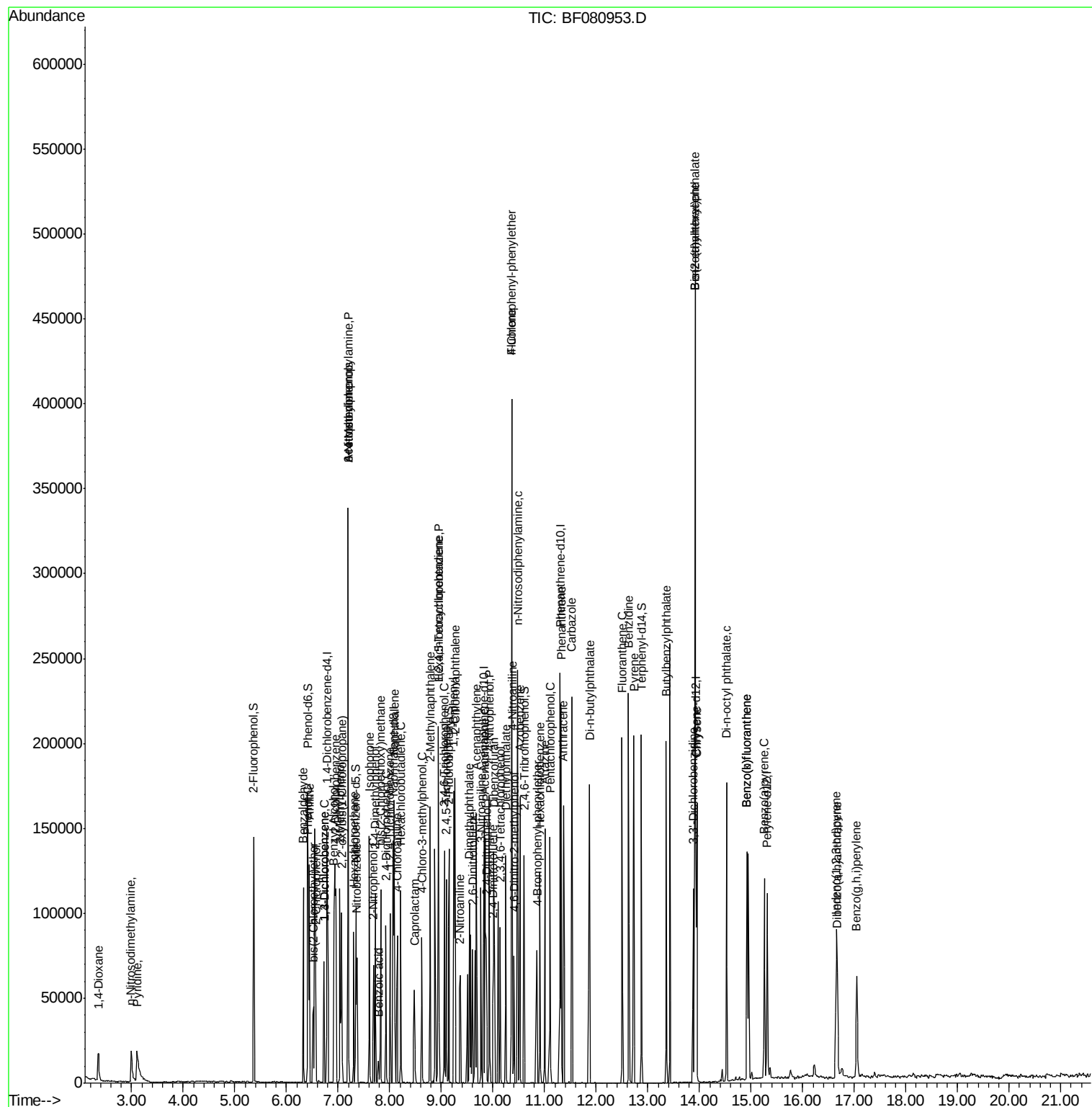
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42) 2,4,6-Trichlorophenol	9.06	196	15837	19.55	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	16114	19.74	nq	# 76
45) 1,1'-Biphenyl	9.24	154	60415	19.63	nq	97
46) 2-Chloronaphthalene	9.26	162	45771	19.08	nq	# 92
47) 2-Nitroaniline	9.36	65	16518	17.17	nq	# 79
48) Acenaphthylene	9.68	152	74136	17.77	nq	99
49) Dimethylphthalate	9.54	163	53698	18.03	nq	100
50) 2,6-Dinitrotoluene	9.61	165	10773	17.51	nq	# 62
51) Acenaphthene	9.85	154	46497	18.20	nq	99
52) 3-Nitroaniline	9.77	138	12958	17.08	nq	97
53) 2,4-Dinitrophenol	9.87	184	9310	29.13	nq	# 47
54) Dibenzofuran	10.02	168	66959	19.38	nq	95
55) 4-Nitrophenol	9.93	139	19054	33.55	nq	# 56
56) 2,4-Dinitrotoluene	10.01	165	14548	17.67	nq	# 60
57) Fluorene	10.36	166	56476	21.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	12119	18.76	nq	# 96
59) Diethylphthalate	10.25	149	54314	17.52	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	29053	22.31	nq	88
61) 4-Nitroaniline	10.37	138	14813	18.98	nq	97
62) Azobenzene	10.52	77	70510	20.34	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	8696	16.26	nq	96
65) n-Nitrosodiphenylamine	10.48	169	52280	17.44	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	13798	15.10	nq	# 83
67) Hexachlorobenzene	10.91	284	16090	15.84	nq	# 78
68) Atrazine	11.00	200	12922	14.70	nq	91
69) Pentachlorophenol	11.10	266	15534	26.30	nq	97
70) Phenanthrene	11.32	178	78916	16.15	nq	99
71) Anthracene	11.37	178	70786	14.64	nq	98
72) Carbazole	11.53	167	82208	17.46	nq	98
73) Di-n-butylphthalate	11.87	149	93798	15.93	nq	98
74) Fluoranthene	12.50	202	84576	16.01	nq	97
76) Benzidine	12.63	184	95270	27.93	nq	97
77) Pyrene	12.73	202	81705	15.83	nq	97
79) Butylbenzylphthalate	13.36	149	41948	16.86	nq	# 80
80) Benzo(a)anthracene	13.92	228	75288	17.06	nq	98
81) 3,3'-Dichlorobenzidine	13.88	252	28613	17.82	nq	98
82) Chrysene	13.95	228	72874	17.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	55453	16.02	nq	# 97
84) Di-n-octyl phthalate	14.52	149	81965	13.96	nq	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	55371	13.77	nq	98
87) Benzo(b)fluoranthene	14.92	252	58409	14.40	nq	# 97
88) Benzo(k)fluoranthene	14.92	252	58409	16.46	nq	99
89) Benzo(a)pyrene	15.25	252	59830	17.16	nq	# 93
90) Dibenzo(a,h)anthracene	16.67	278	48566	15.75	nq	98
91) Benzo(g,h,i)perylene	17.05	276	45763	15.26	nq	99

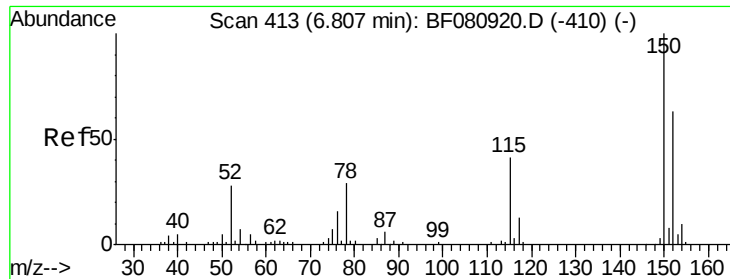
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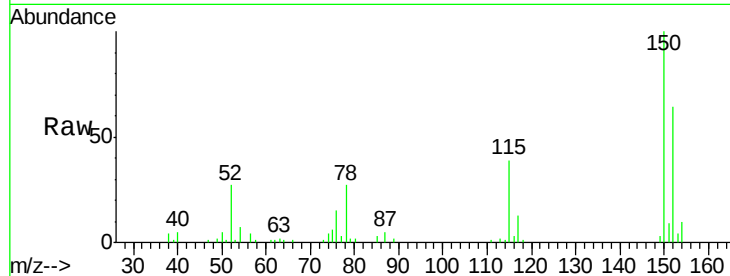


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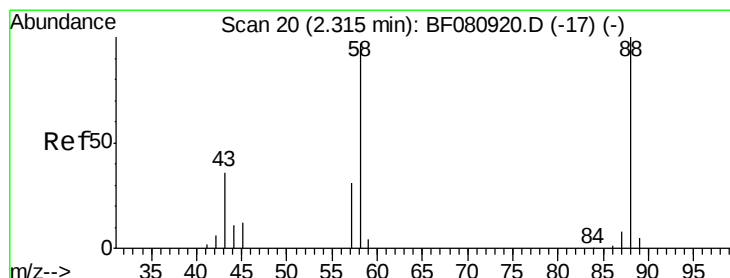
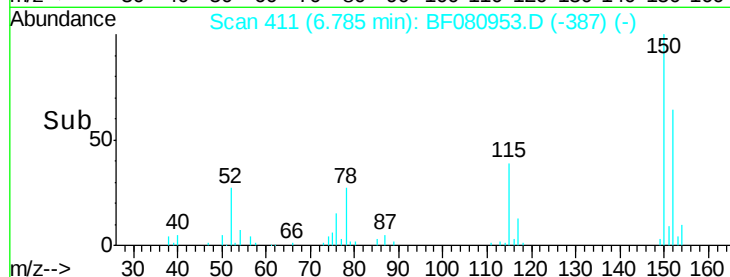
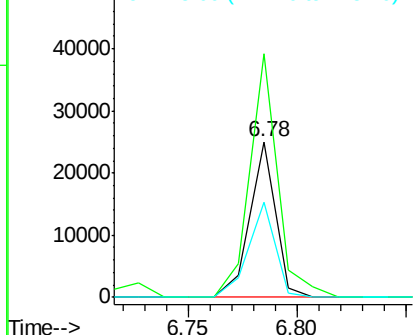
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Instrument :
BNA_F
ClientSampled :
PB84907BS

Tot Ion:152 Resp: 20611
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 61.0 52.6 78.8



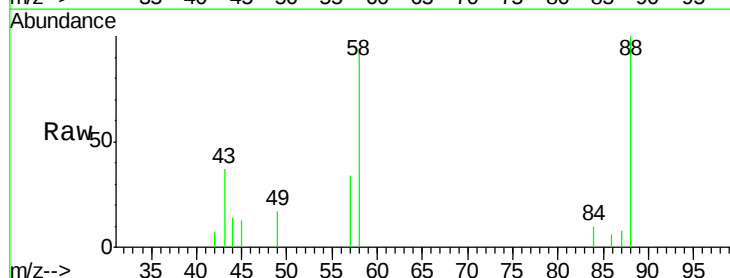
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



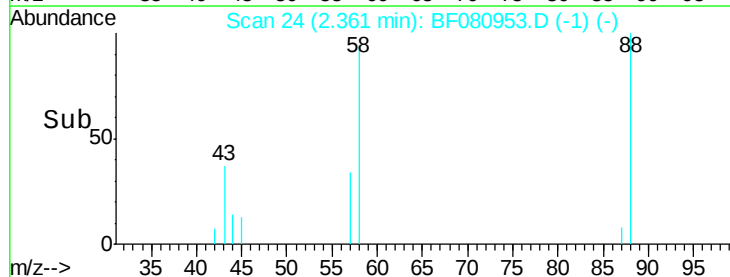
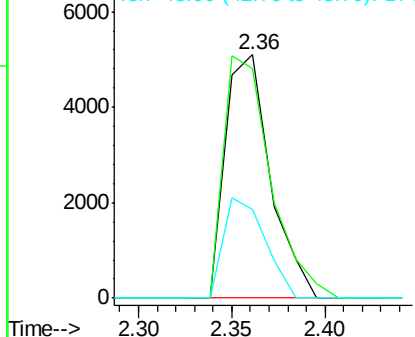
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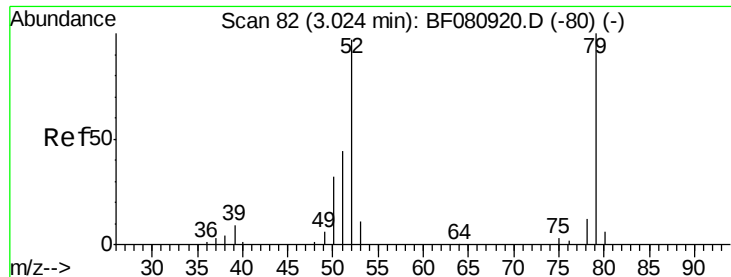
1,4-Dioxane
Concen: 14.34 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion: 88 Resp: 8581
Ion Ratio Lower Upper
88 100
58 103.8 79.3 118.9
43 37.8 28.3 42.5



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

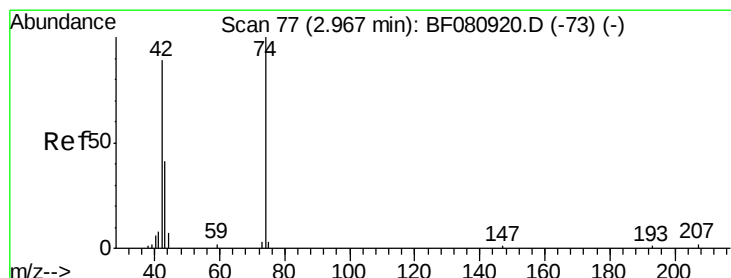
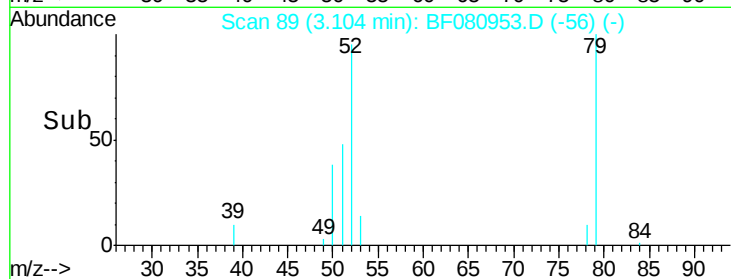
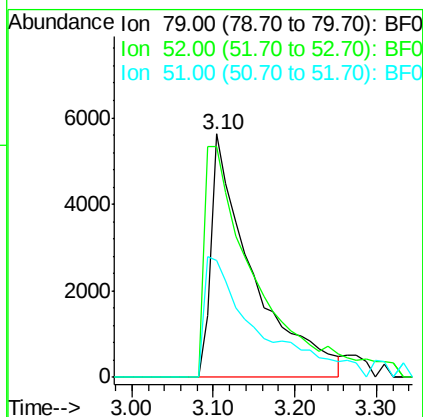
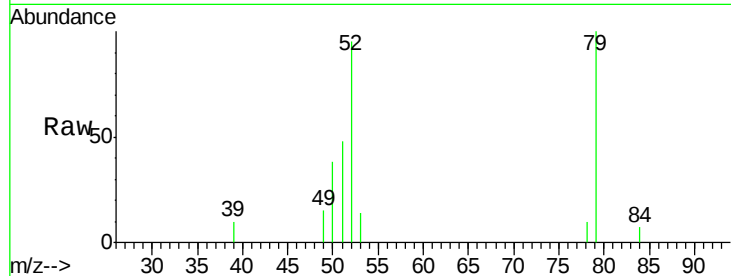




#3
 Pvridine
 Concen: 11.77 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.08 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

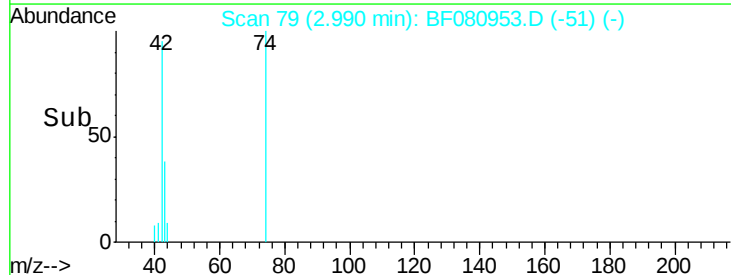
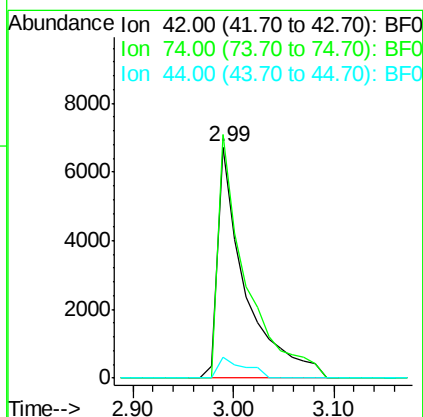
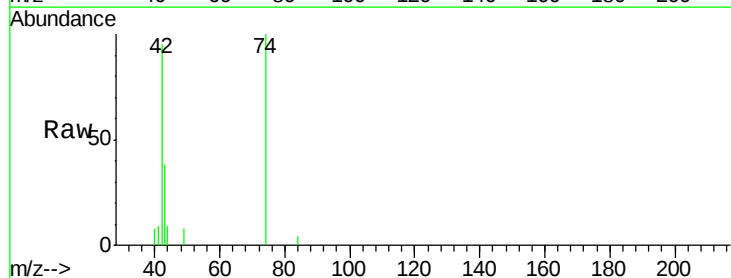
Instrument :
 BNA_F
 ClientSampleId :
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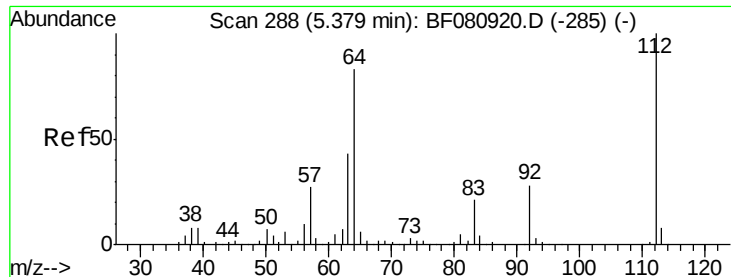
Tot Ion: 79 Resp: 19970
 Ion Ratio Lower Upper
 79 100
 52 95.0 77.2 115.8
 51 48.3 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 14.74 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion: 42 Resp: 12767
 Ion Ratio Lower Upper
 42 100
 74 105.4 89.8 134.8
 44 9.2 6.5 9.7





#5

2-Fluorophenol

Concen: 27.94 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampled :

PB84907BS

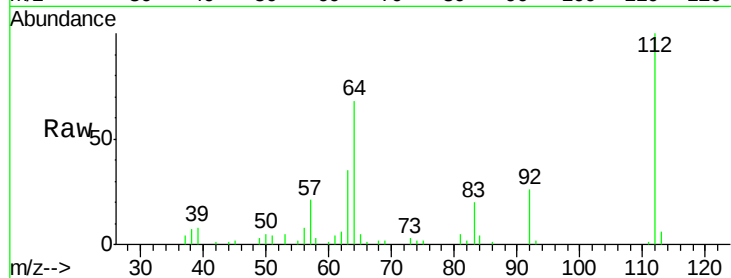
Tot Ion: 112 Resp: 35252

Ion Ratio Lower Upper

112 100

64 68.2 66.1 99.1

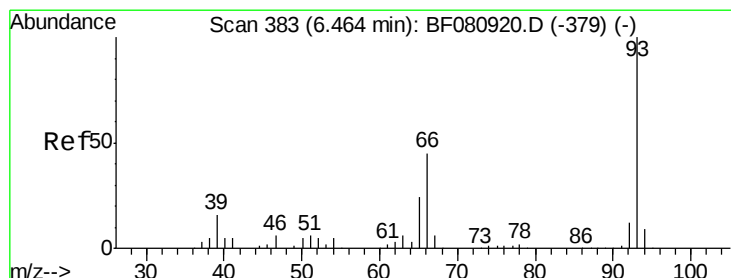
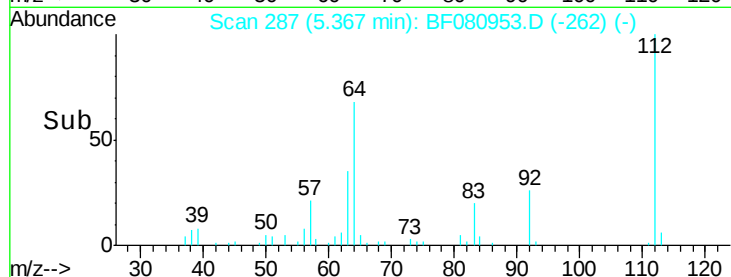
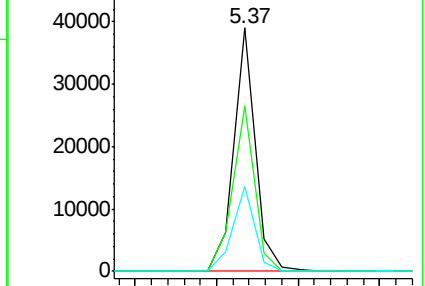
63 35.0 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.08 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

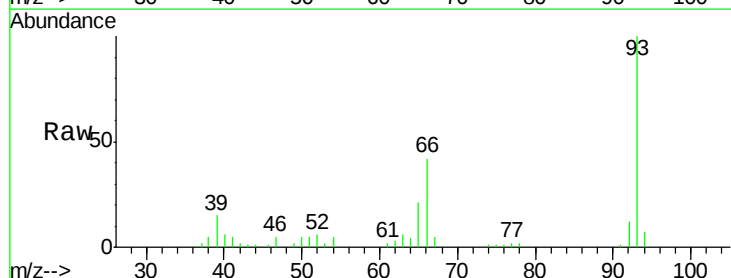
Tgt Ion: 93 Resp: 38311

Ion Ratio Lower Upper

93 100

66 42.3 36.2 54.4

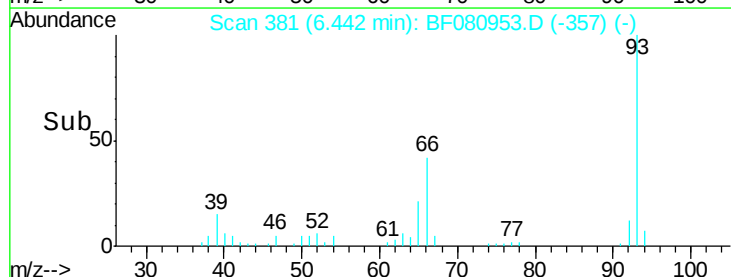
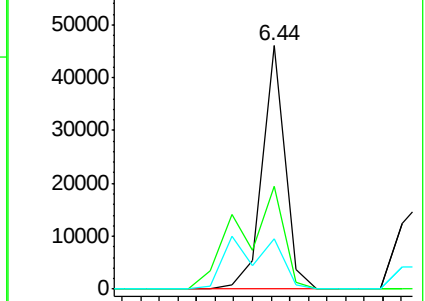
65 20.9 19.0 28.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.20 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

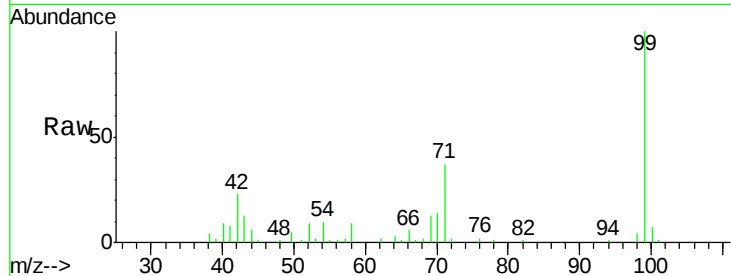
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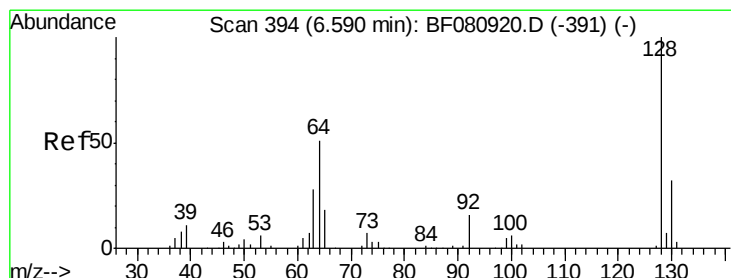
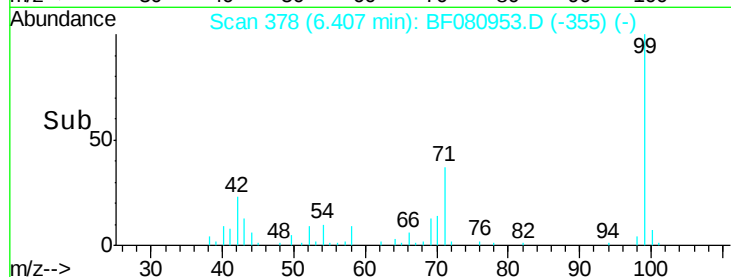
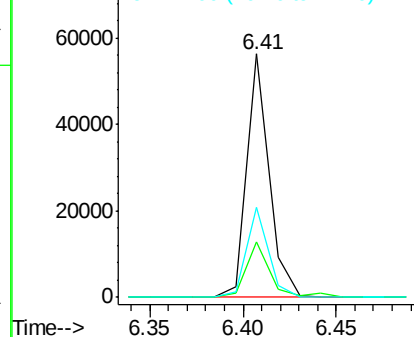
PB84907BS

Tot Ion: 99 Resp: 47013

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.4	21.6#
71	37.2	25.8	38.8



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: 15.17 ng

RT: 6.57 min Scan# 392

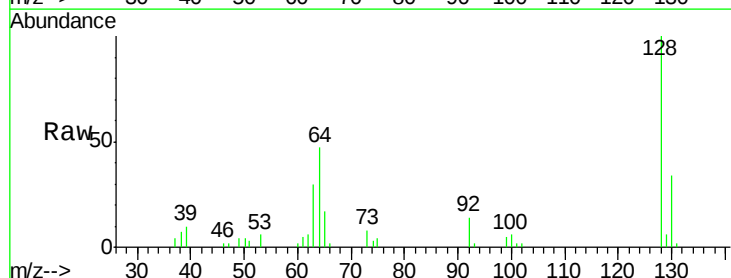
Delta R.T. -0.02 min

Lab File: BF080953.D

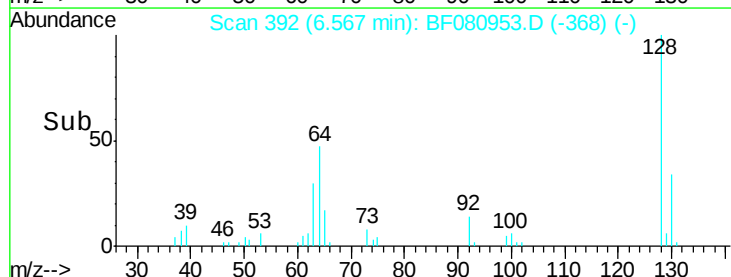
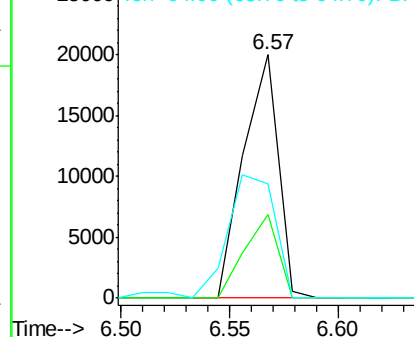
Acq: 10 Aug 2015 16:01

Tgt Ion: 128 Resp: 22137

Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.4	52.4
64	47.0	32.1	72.1



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

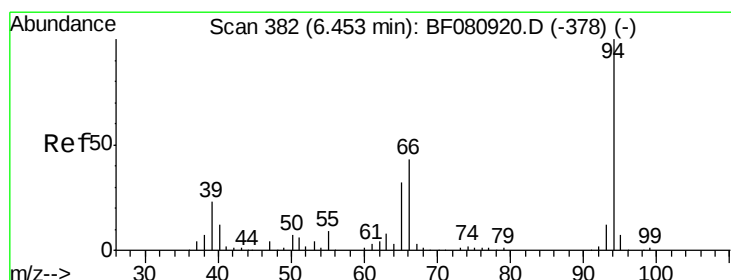
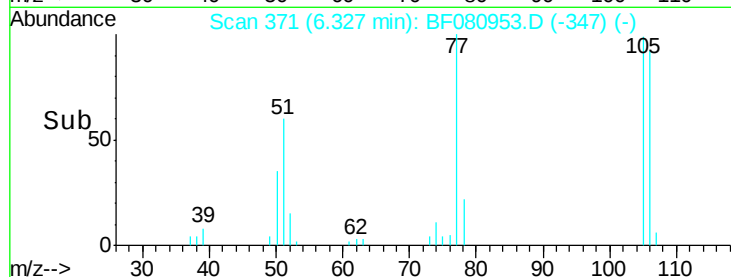
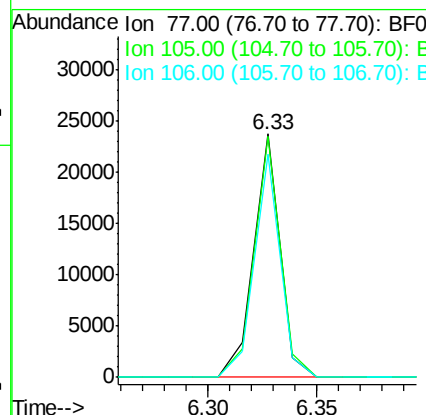
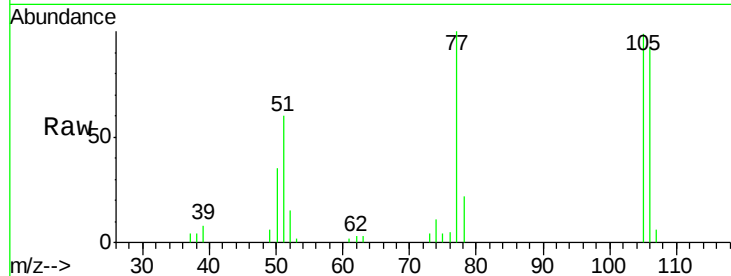




#9
Benzaldehyde
Concen: 17.08 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

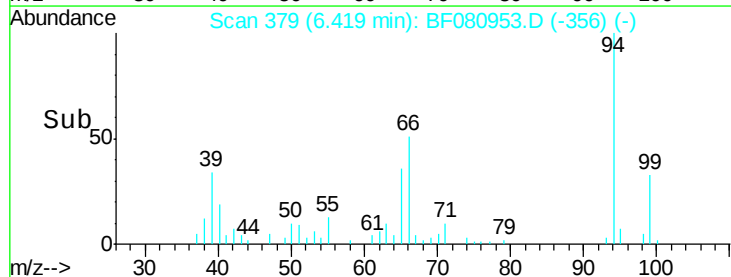
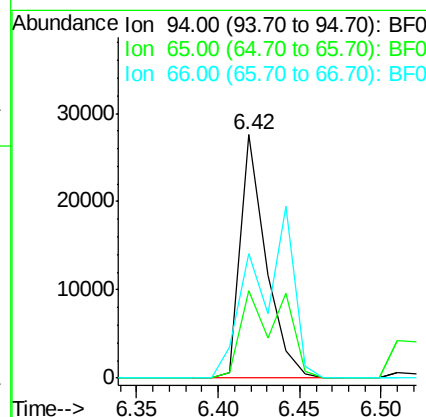
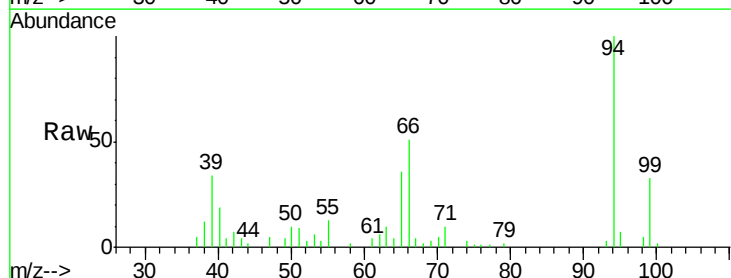
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Tot Ion: 77 Resp: 19902
Ion Ratio Lower Upper
77 100
105 99.2 71.6 111.6
106 91.9 65.7 105.7



#10
Phenol
Concen: 14.51 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion: 94 Resp: 29757
Ion Ratio Lower Upper
94 100
65 36.0 11.8 51.8
66 51.0 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 13.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

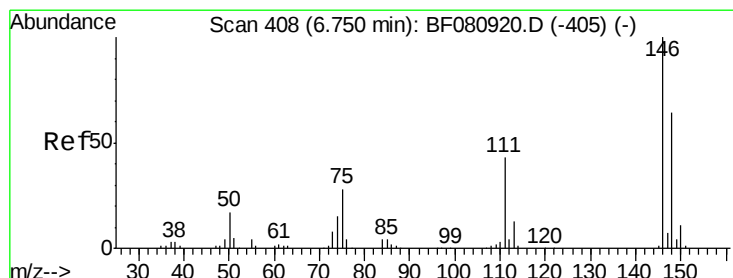
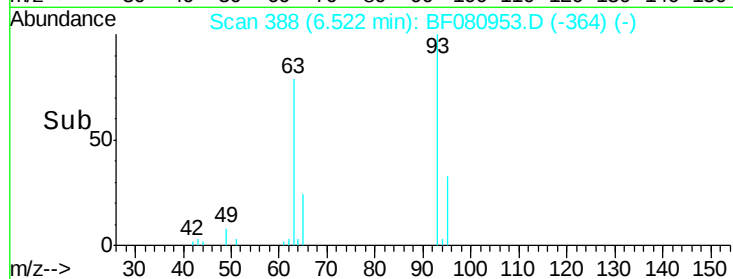
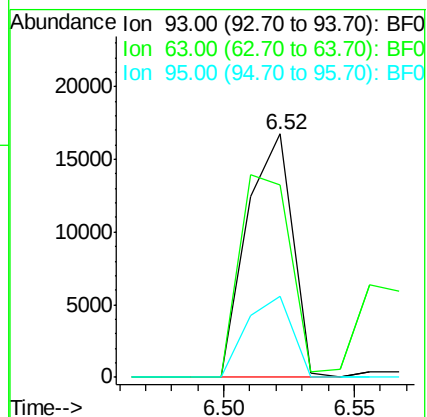
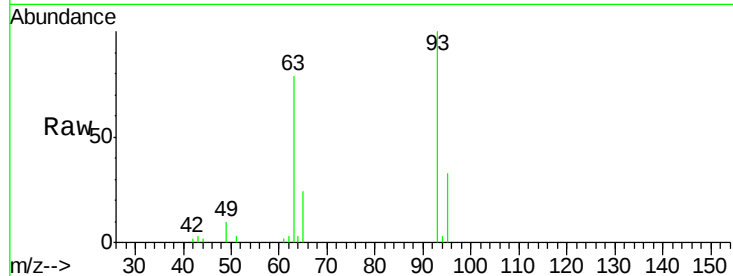
Tot Ion: 93 Resp: 20267

Ion Ratio Lower Upper

93 100

63 78.9 76.7 116.7

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 15.29 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

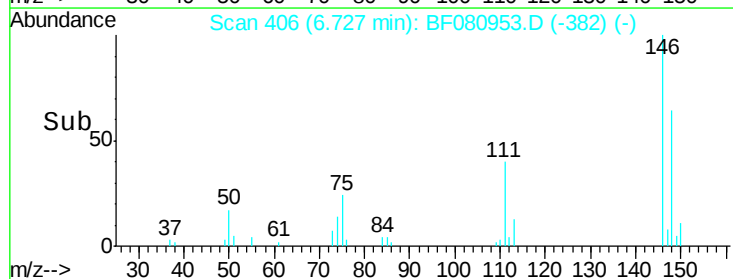
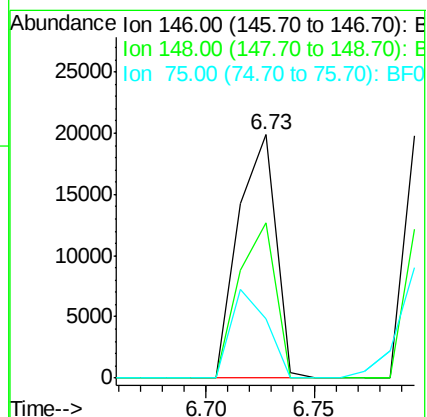
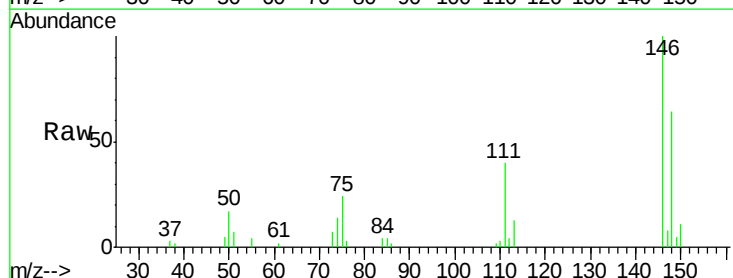
Tgt Ion: 146 Resp: 23684

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

75 24.4 22.2 33.4

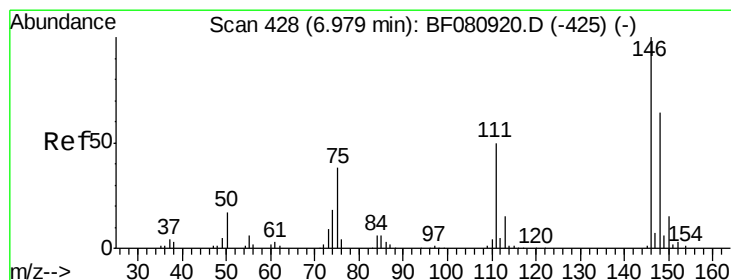
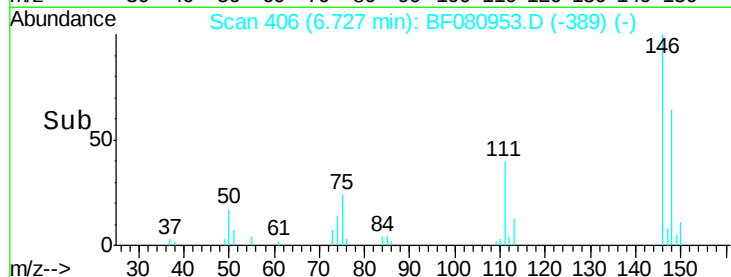
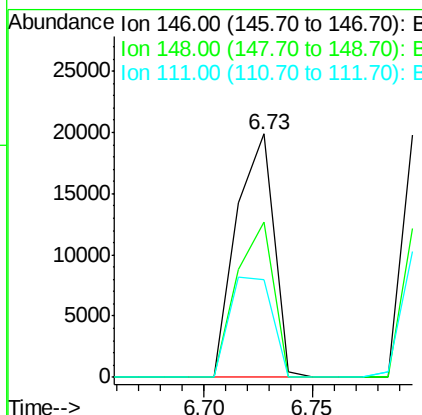
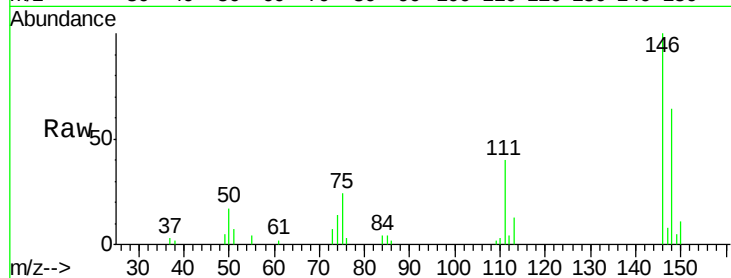




#13
 1,4-Dichlorobenzene
 Concen: 14.71 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.10 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

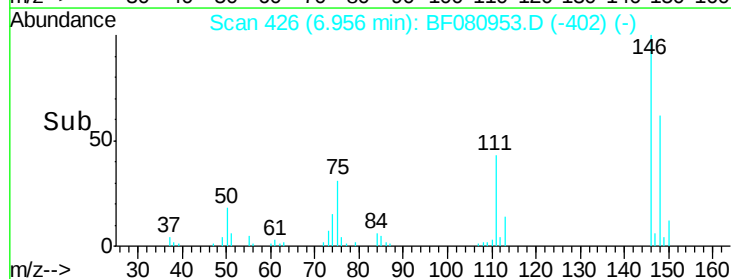
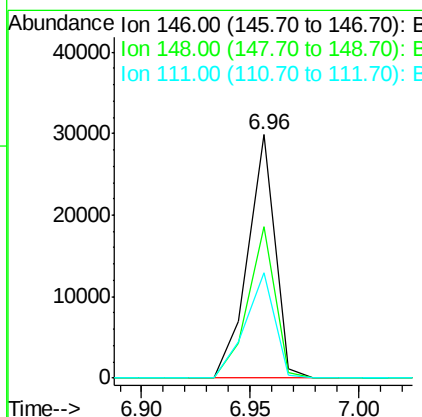
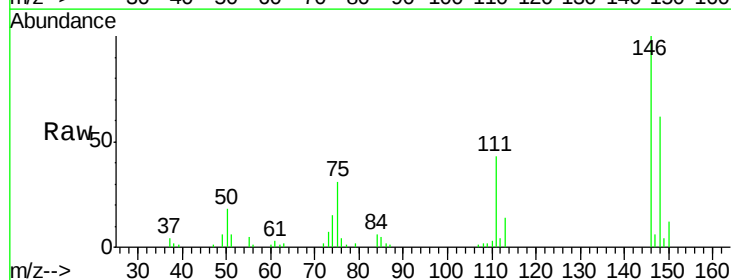
Instrument :
 BNA_F
 ClientSampleID :
 PB84907BS

Tot Ion:146 Resp: 23684
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.4
 111 40.3 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 17.93 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:146 Resp: 26095
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 43.3 40.0 60.0

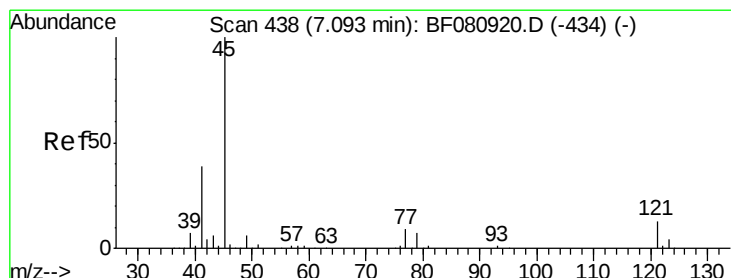
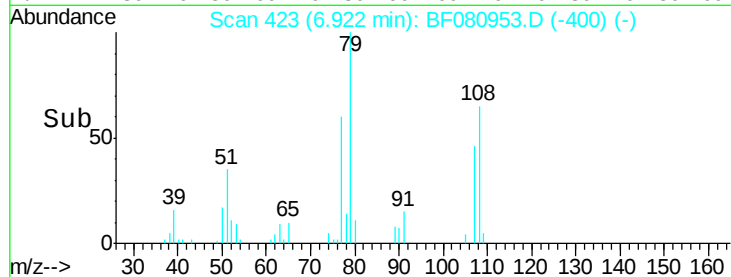
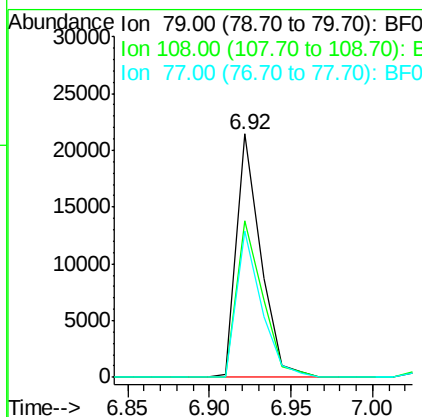
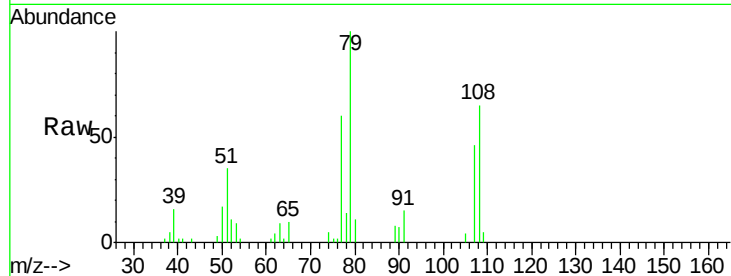




#15
Benzyl Alcohol
Concen: 15.54 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

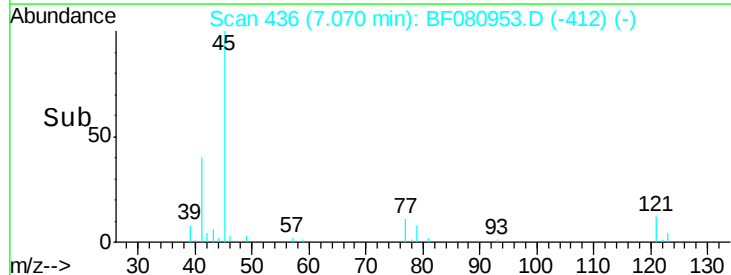
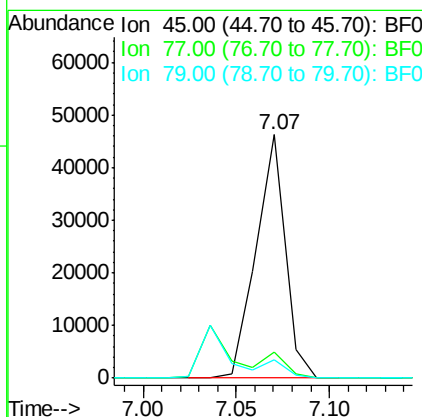
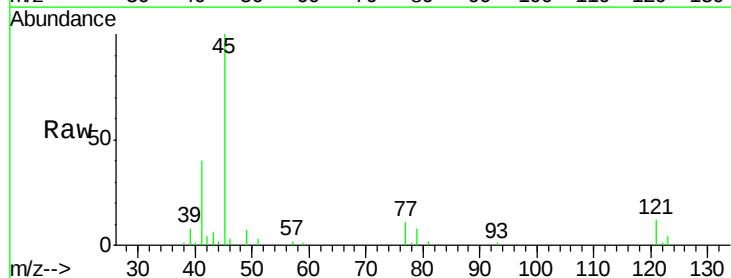
Instrument :
BNA_F
ClientSampleId :
PB84907BS

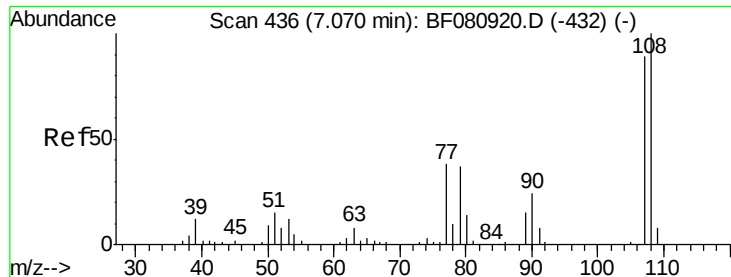
Tot Ion: 79 Resp: 21977
Ion Ratio Lower Upper
79 100
108 64.5 60.9 91.3
77 60.3 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.21 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion: 45 Resp: 49953
Ion Ratio Lower Upper
45 100
77 10.7 0.0 29.6
79 7.8 0.0 27.7

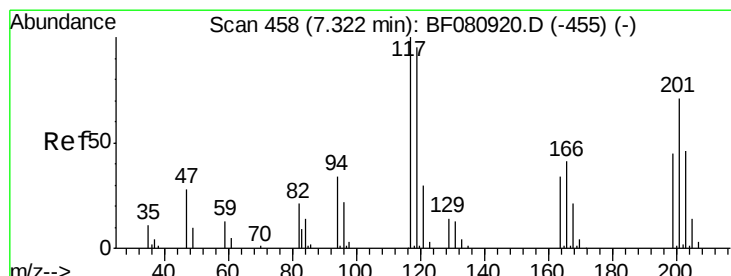
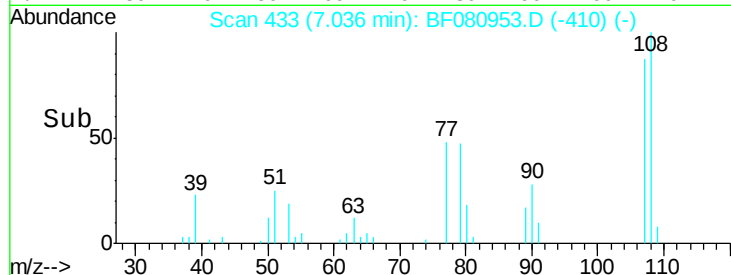
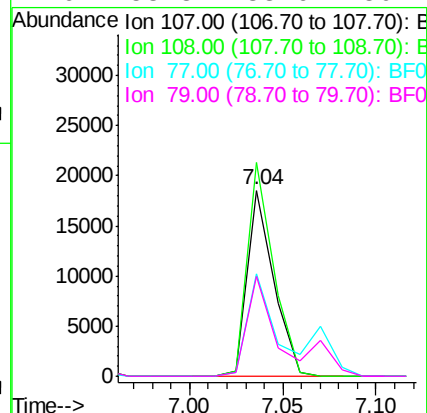
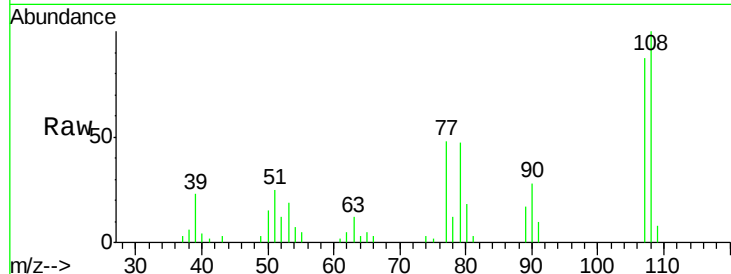




#17
2-Methylphenol
Concen: 14.70 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

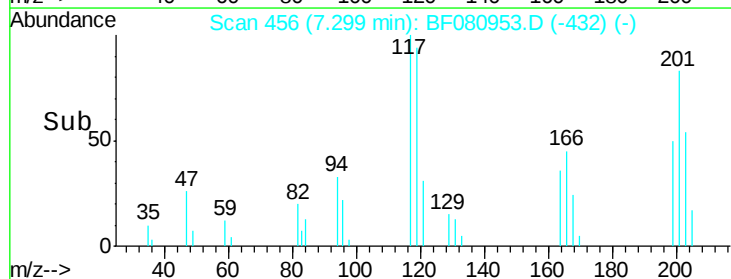
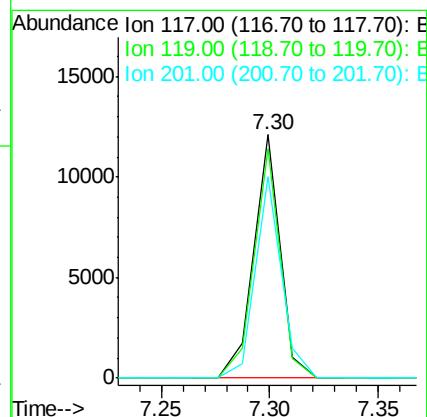
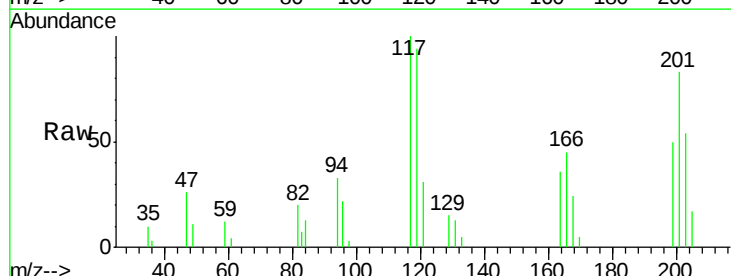
Instrument :
BNA_F
ClientSampleId :
PB84907BS

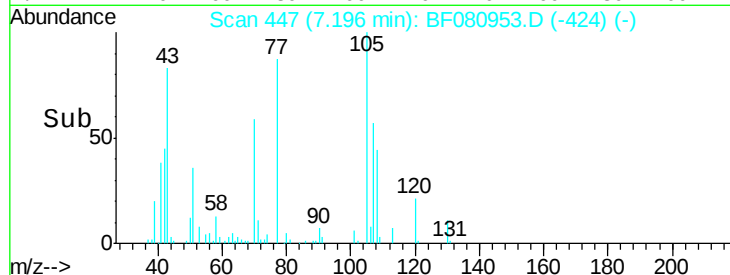
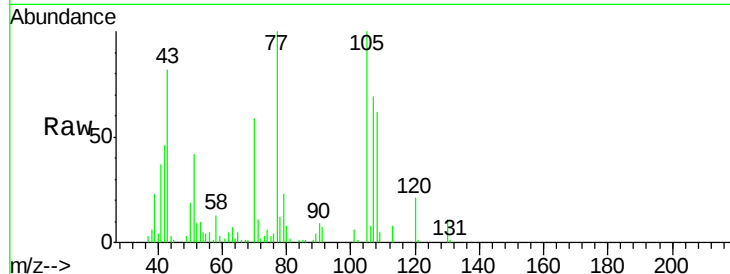
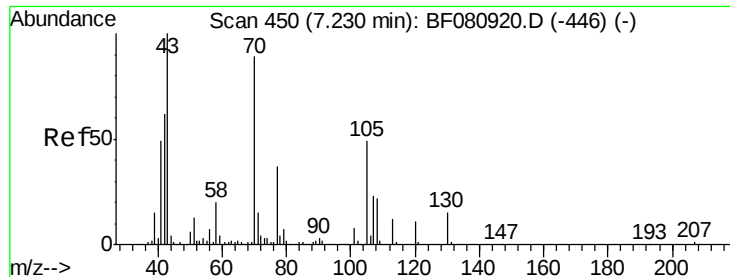
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.3	135.5
77	54.8	34.6	51.8
79	53.8	33.6	50.4



#18
Hexachloroethane
Concen: 16.59 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
201	82.7	57.0	85.6

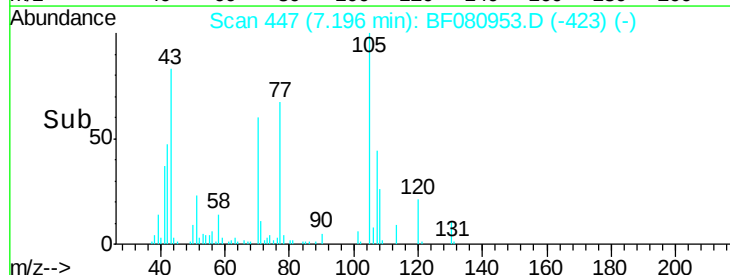
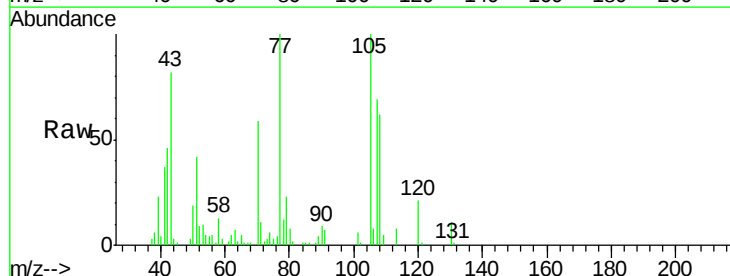
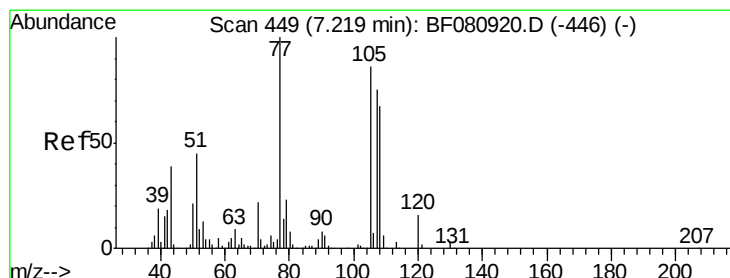
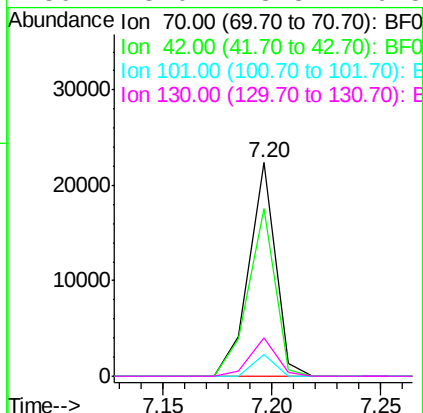




#19
n-Nitroso-di-n-propylamine
Concen: 15.14 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

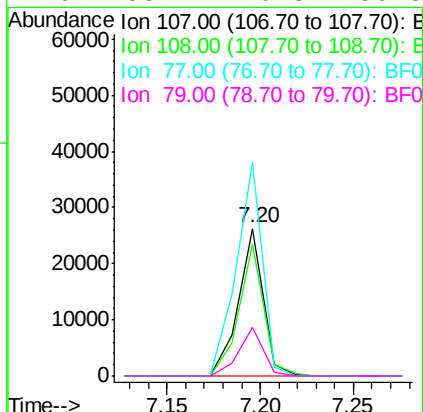
Instrument :
BNA_F
ClientSampleId :
PB84907BS

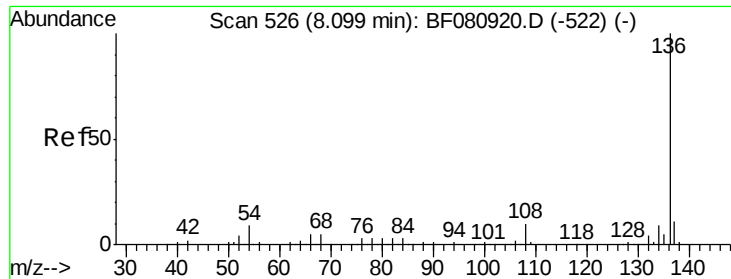
Tot Ion:	70	Resp:	19123
Ion	Ratio	Lower	Upper
70	100		
42	78.6	55.7	83.5
101	10.2	7.0	10.6
130	18.0	13.8	20.8



#20
3+4-Methylphenols
Concen: 15.72 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:	107	Resp:	24606
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.2	109.2
77	144.8	113.0	153.0
79	33.4	10.3	50.3

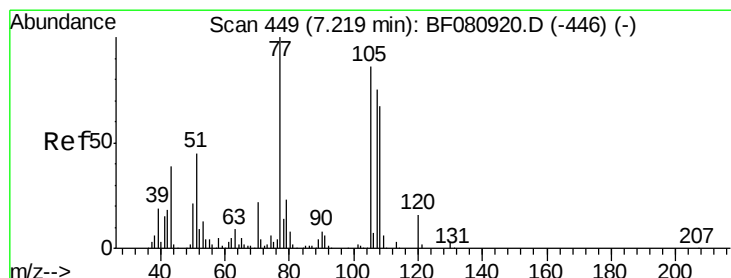
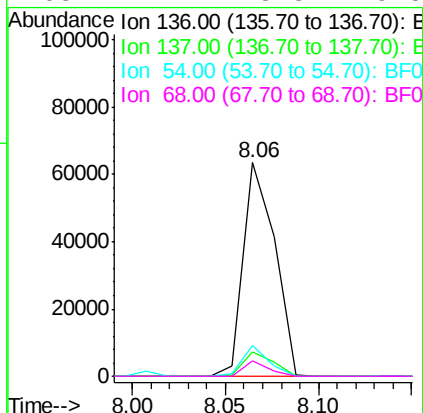
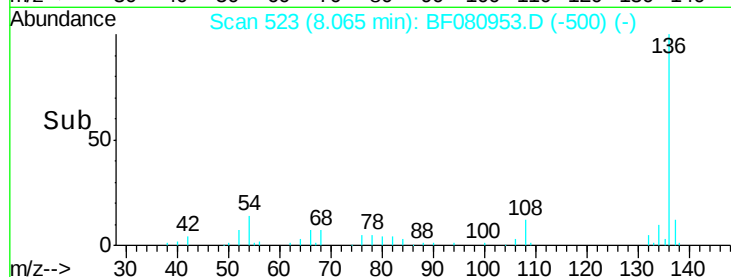
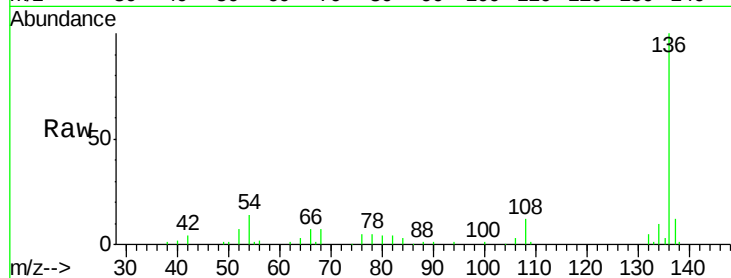




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

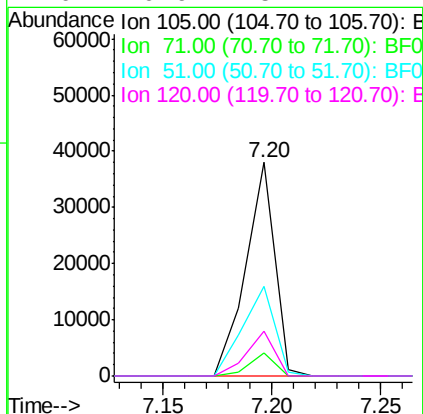
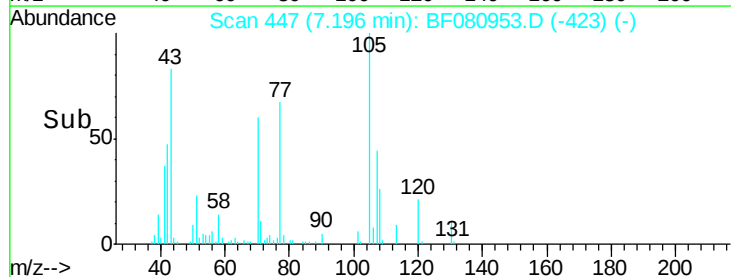
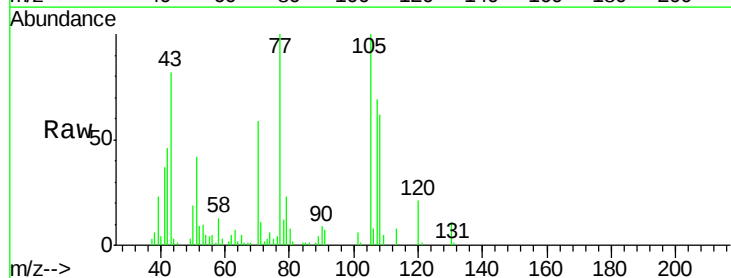
Instrument :
BNA_F
ClientSampleId :
PB84907BS

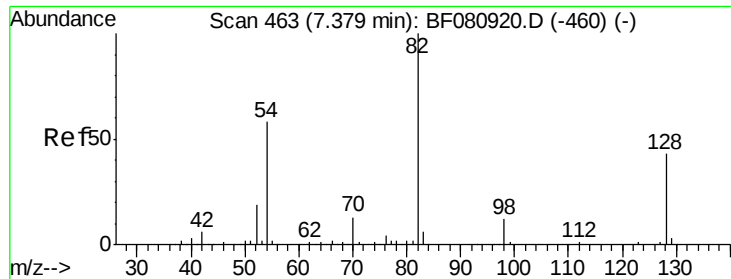
Tot Ion:136	Resp:	74372
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.5 12.7
54	14.3	7.1 10.7#
68	7.1	3.8 5.8#



#22
Acetophenone
Concen: 19.32 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:105	Resp:	35207
Ion Ratio	Lower	Upper
105	100	
71	10.5	3.3 4.9#
51	41.8	41.8 62.6
120	20.9	15.1 22.7

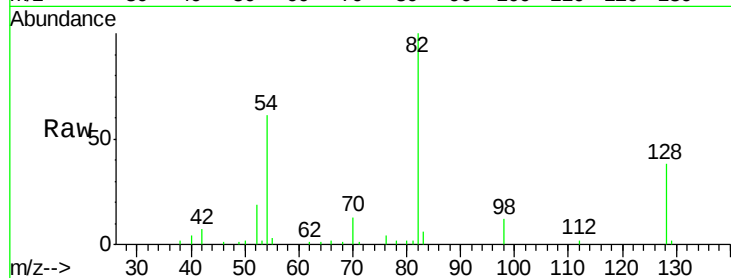




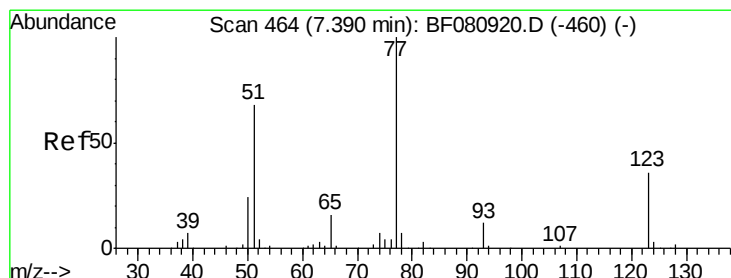
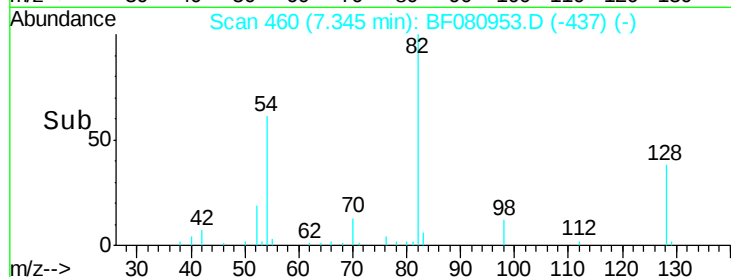
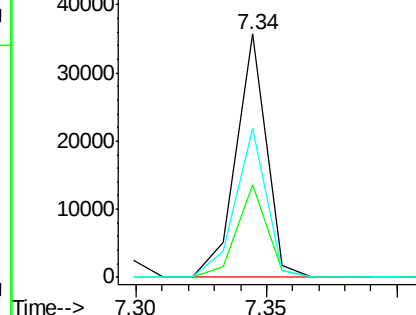
#23
 Nitrobenzene-d5
 Concen: 18.57 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	82	Resp	29198
Ion Ratio	100	Lower	Upper
128	37.8	34.1	51.1
54	60.9	46.5	69.7

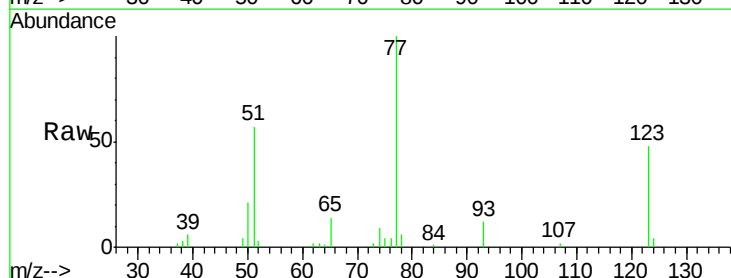


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

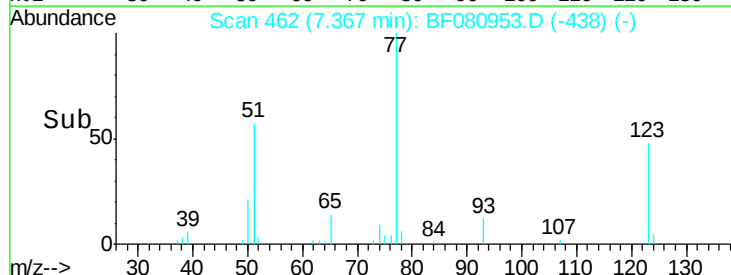
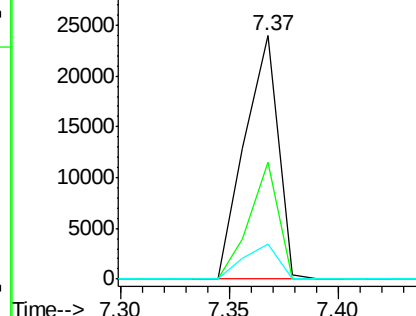


#24
 Nitrobenzene
 Concen: 15.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion	77	Resp	25572
Ion Ratio	100	Lower	Upper
123	48.3	28.7	43.1#
65	14.4	12.5	18.7



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





#25

Isophorone

Concen: 17.39 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

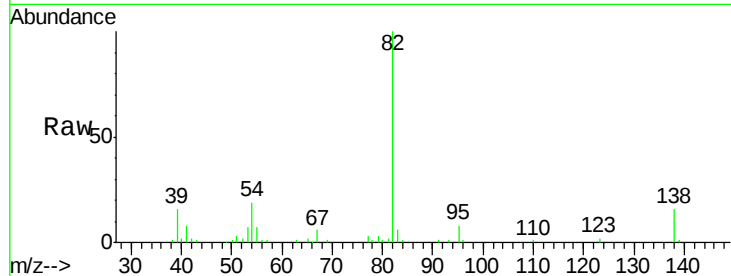
Tot Ion: 82 Resp: 52573

Ion Ratio Lower Upper

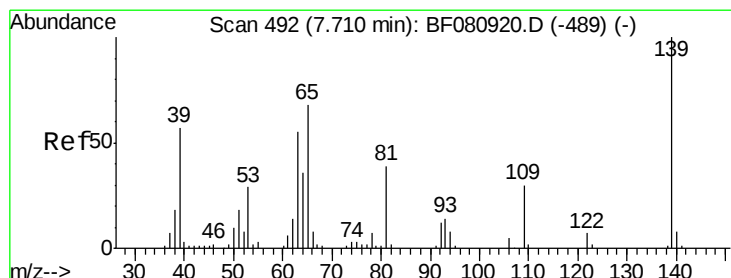
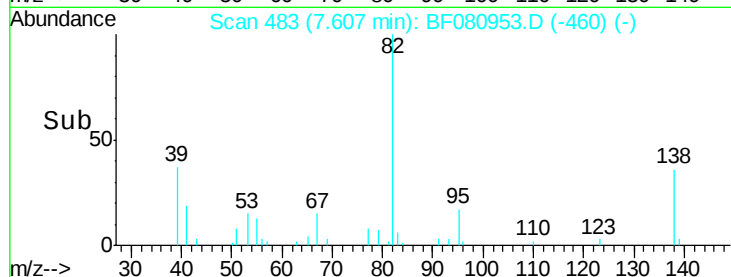
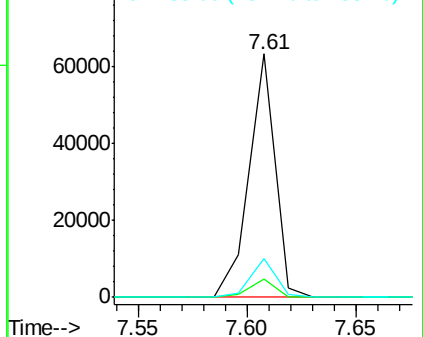
82 100

95 7.6 5.8 8.6

138 15.8 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 17.47 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

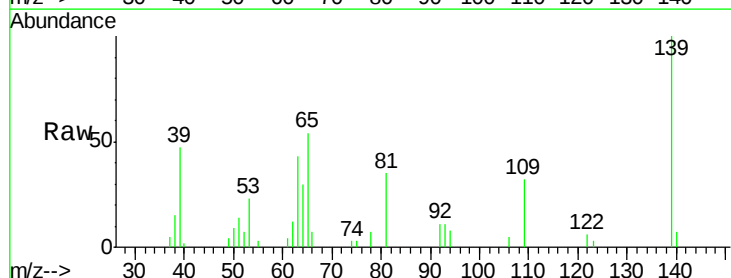
Tgt Ion: 139 Resp: 11900

Ion Ratio Lower Upper

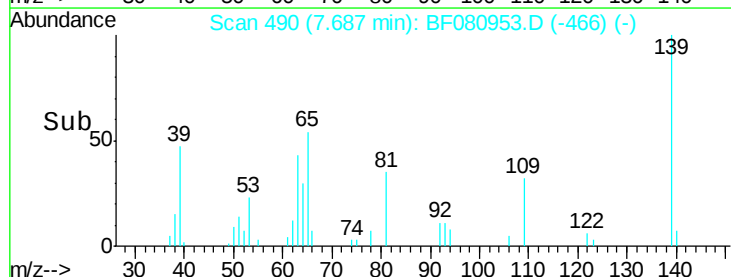
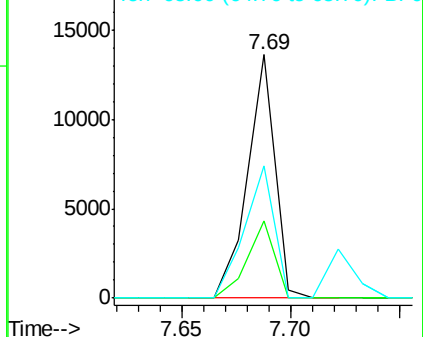
139 100

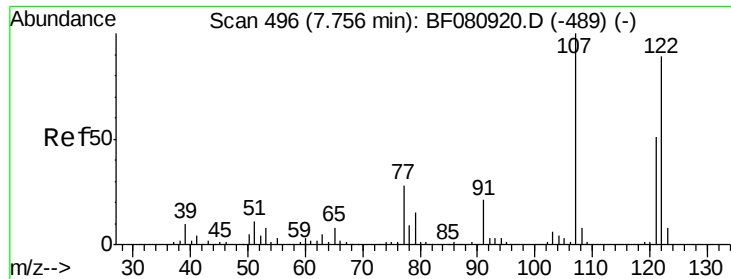
109 31.8 24.1 36.1

65 54.3 54.0 81.0



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

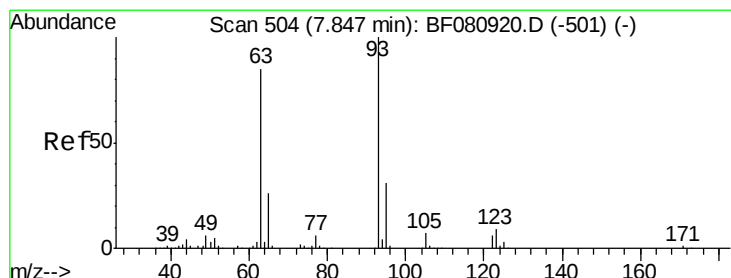
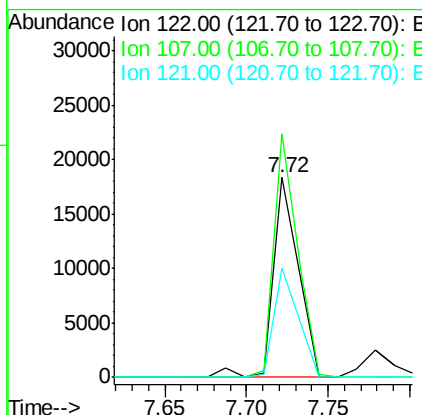
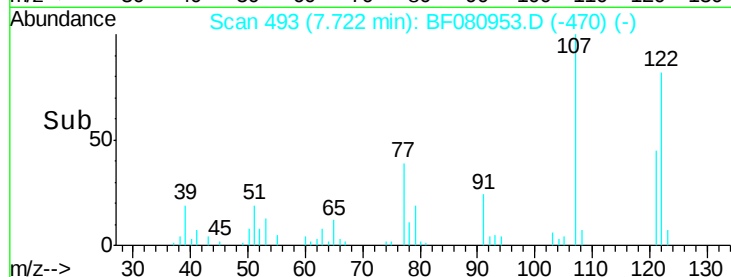
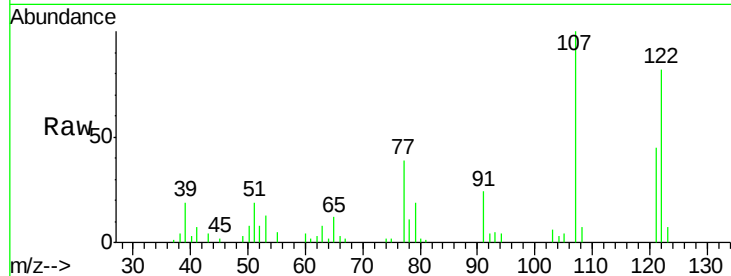




#27
 2,4-Dimethylphenol
 Concen: 15.31 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

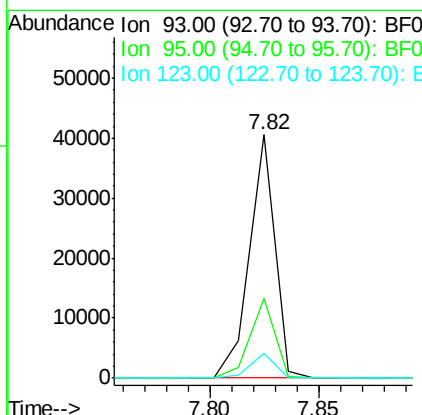
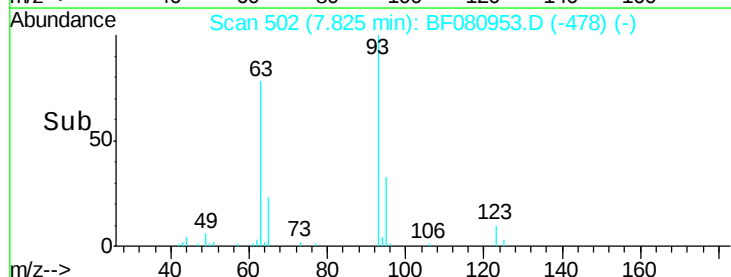
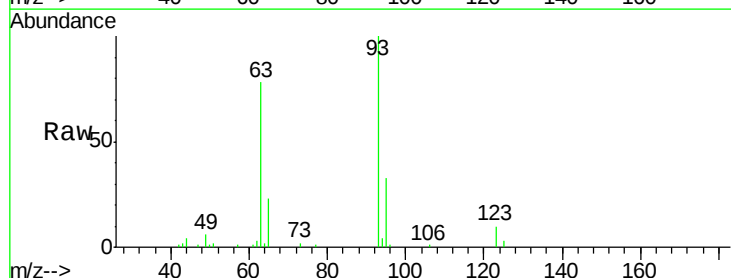
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:122 Resp: 19530
 Ion Ratio Lower Upper
 122 100
 107 122.0 90.2 135.4
 121 55.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.18 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion: 93 Resp: 33006
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.0 37.4
 123 10.2 7.4 11.0

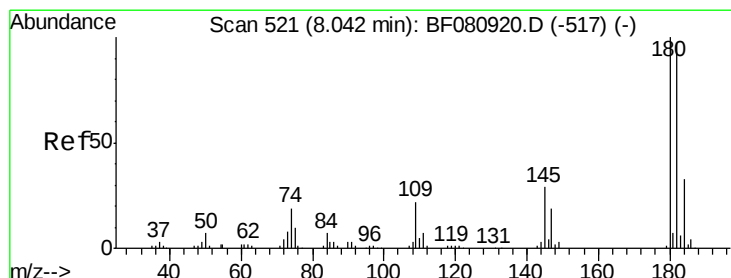
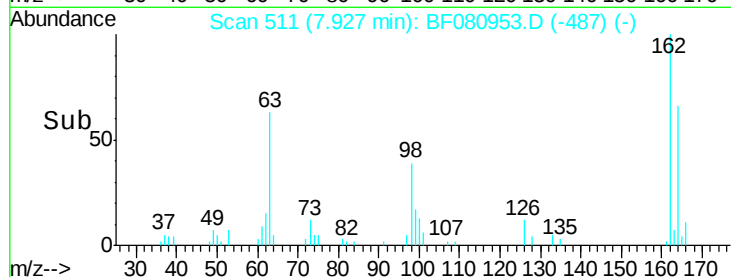
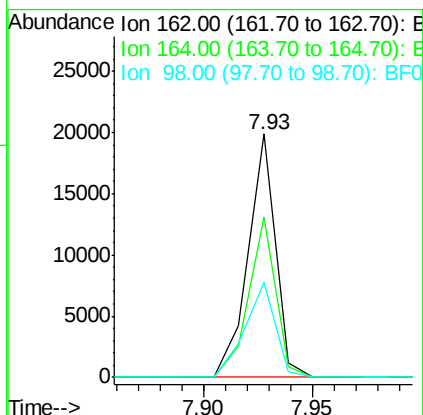
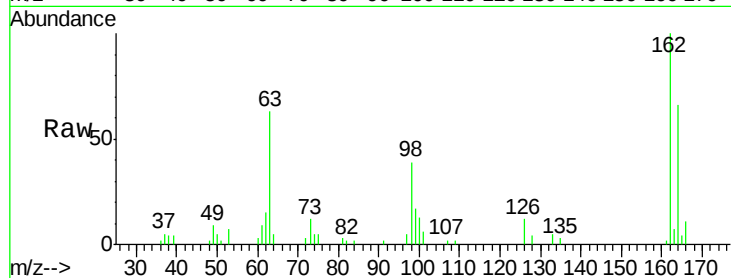




#29
 2,4-Dichlorophenol
 Concen: 16.53 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

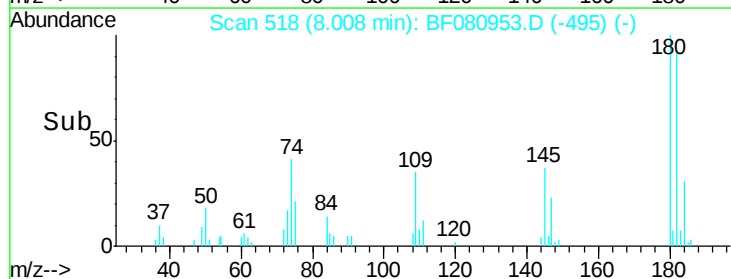
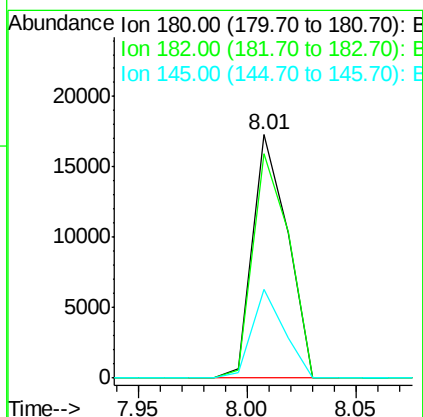
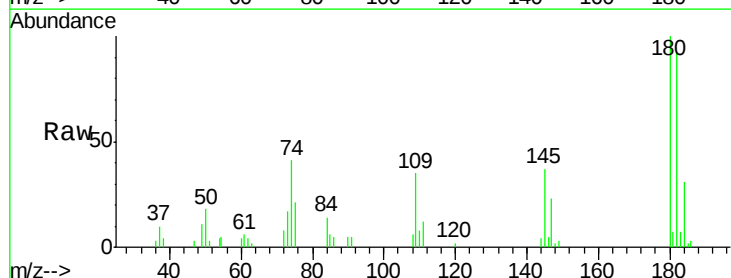
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

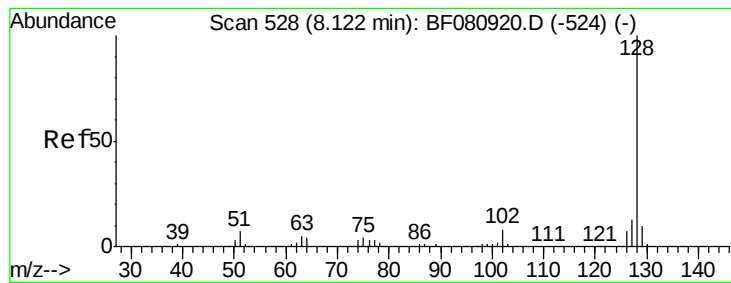
Tot Ion:162 Resp: 17325
 Ion Ratio Lower Upper
 162 100
 164 66.1 42.3 82.3
 98 38.9 27.7 67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 16.95 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:180 Resp: 19416
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.4 116.0
 145 36.5 23.2 34.8#





#31

Naphthalene

Concen: 16.65 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleID :

PB84907BS

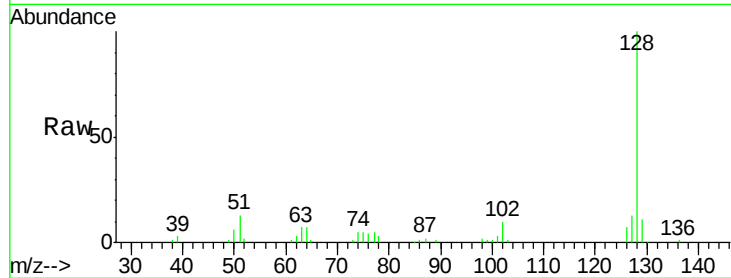
Tot Ion:128 Resp: 68264

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

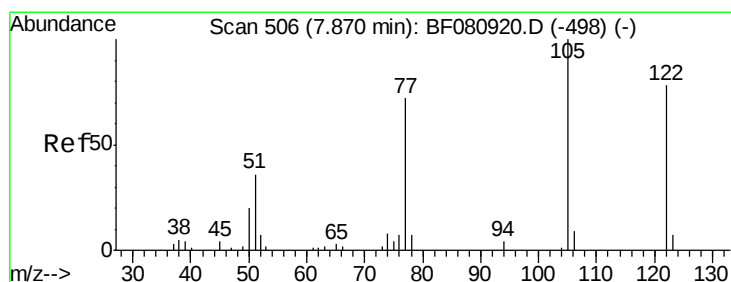
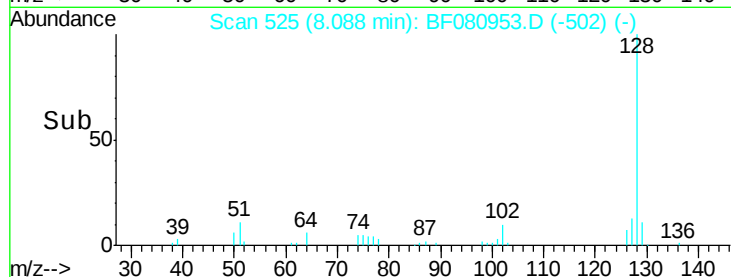
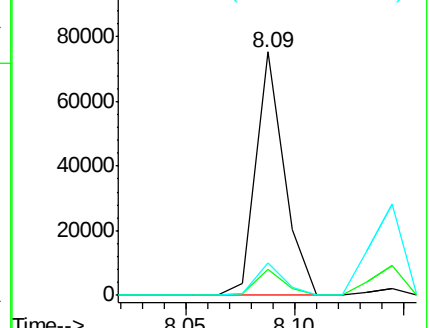
127 13.2 10.5 15.7



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: 4.74 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.09 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

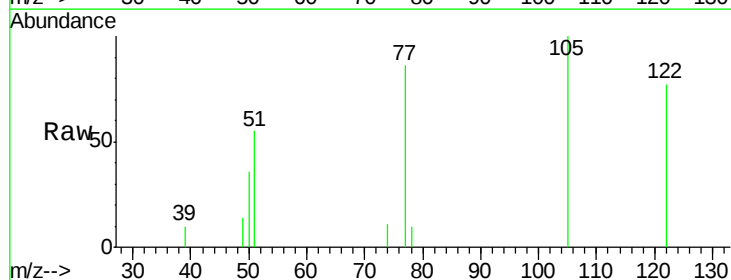
Tgt Ion:122 Resp: 3620

Ion Ratio Lower Upper

122 100

105 129.2 103.6 143.6

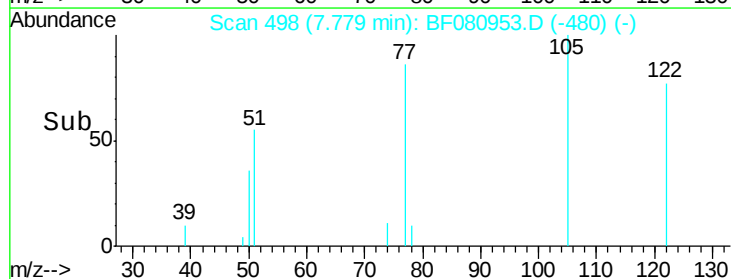
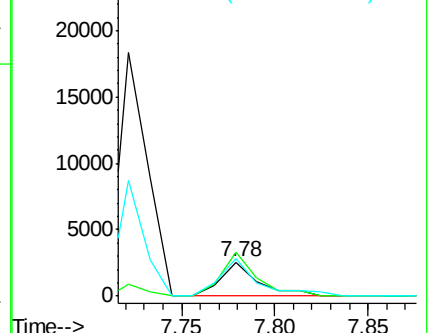
77 111.6 70.4 110.4#

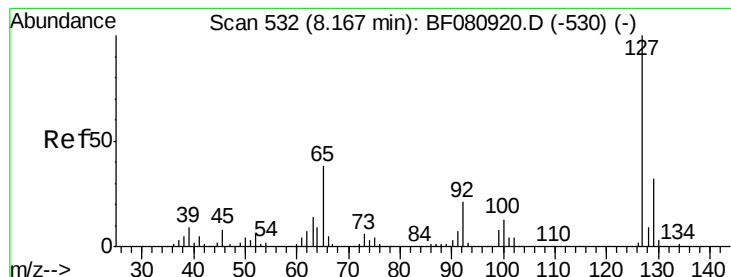


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.44 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

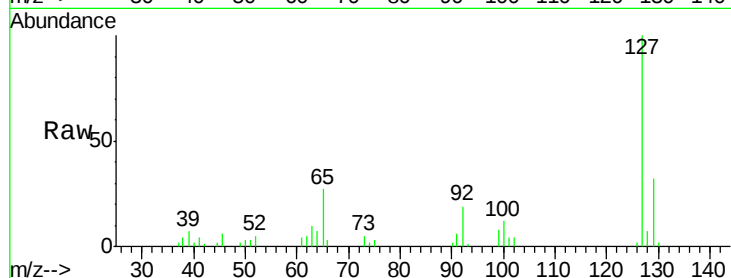
Instrument :

BNA_F

ClientSampleId :

PB84907BS

Tot Ion:127	Resp:	29060
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	26.6	30.6 45.8#
92	18.7	16.9 25.3

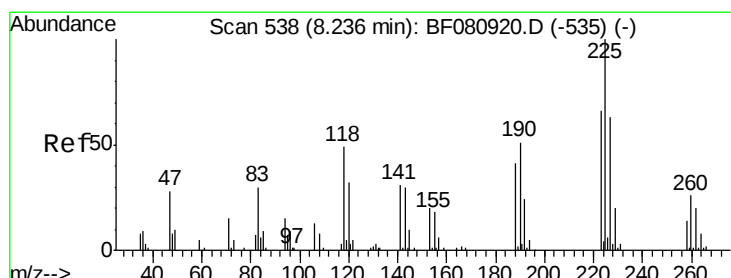
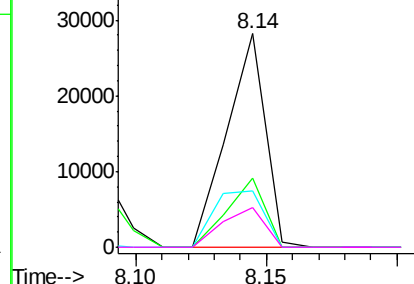
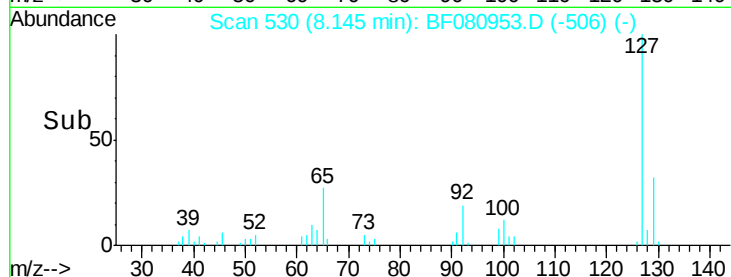


Abundance Ion 127.00 (126.70 to 127.70): E

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: 18.80 ng

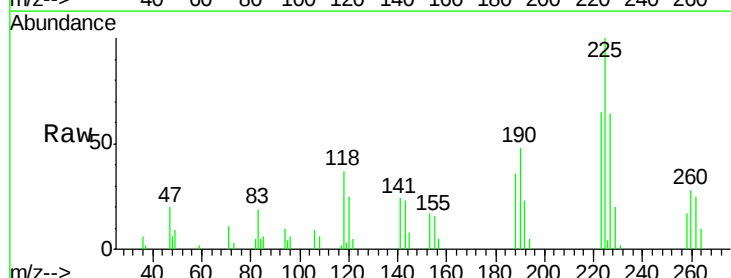
RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

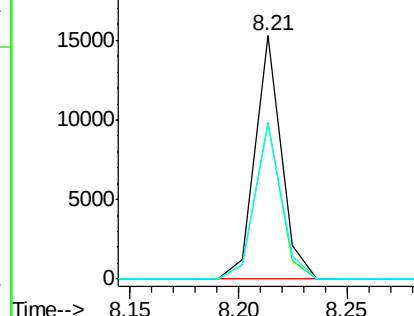
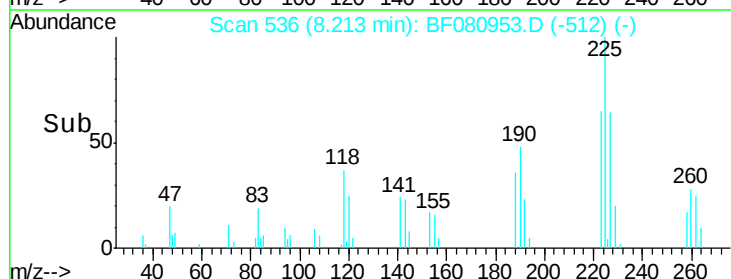
Tgt Ion:225	Resp:	12811
Ion Ratio	Lower	Upper
225	100	
223	64.5	52.5 78.7
227	63.9	50.3 75.5



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: 16.67 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

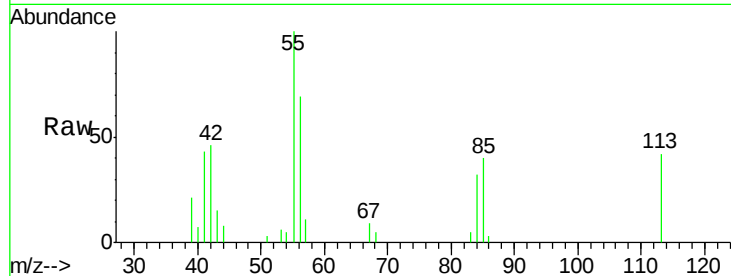
Tot Ion:113 Resp: 6283

Ion Ratio Lower Upper

113 100

55 238.5 196.4 236.4#

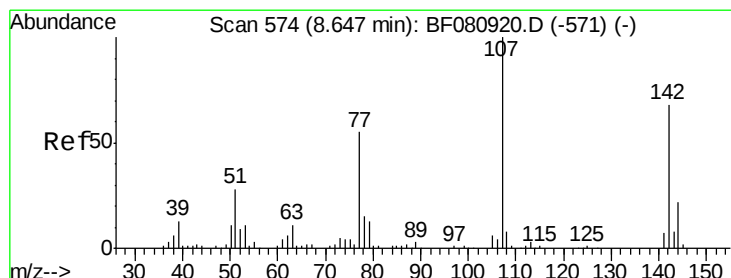
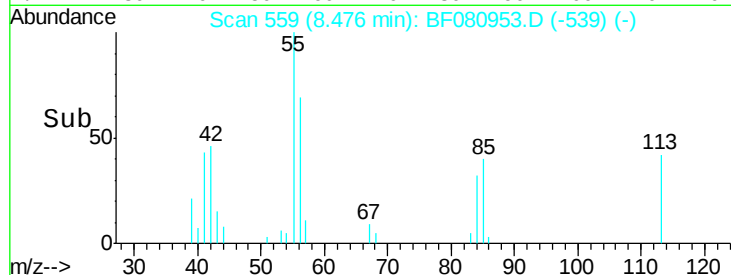
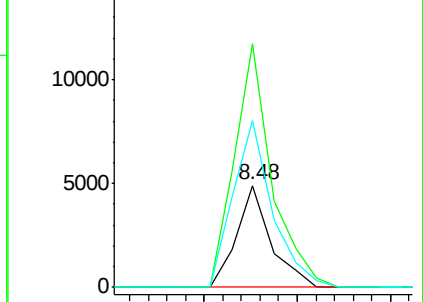
56 163.7 137.9 177.9



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: 16.25 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

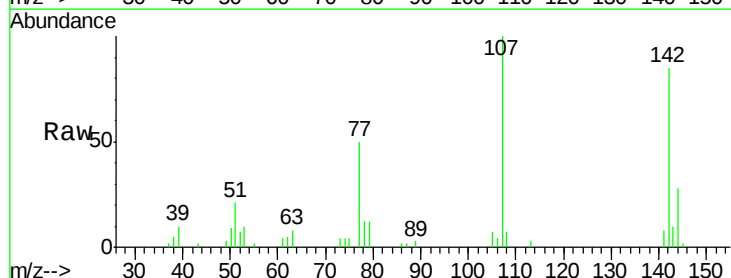
Tgt Ion:107 Resp: 20774

Ion Ratio Lower Upper

107 100

144 27.6 17.3 25.9#

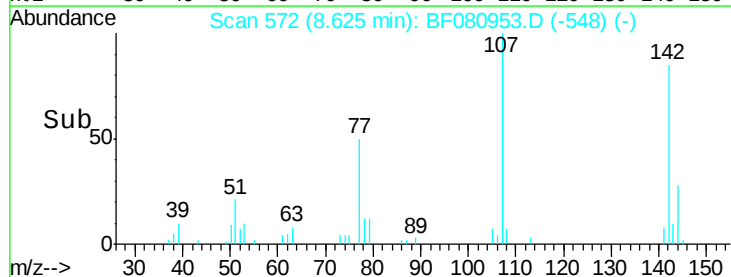
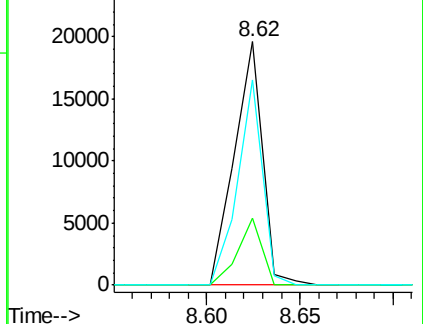
142 84.5 54.4 81.6#

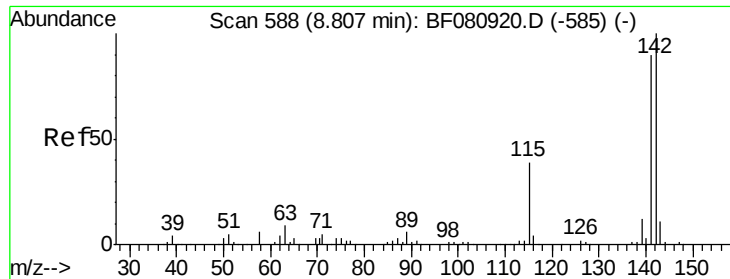


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

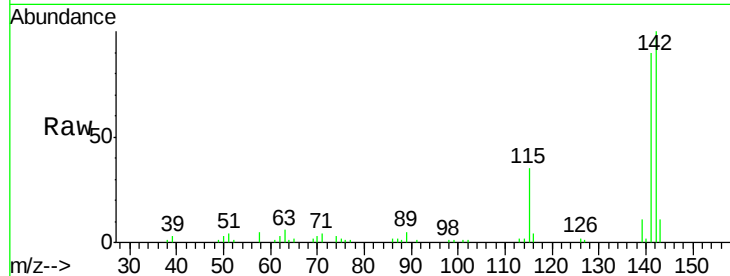




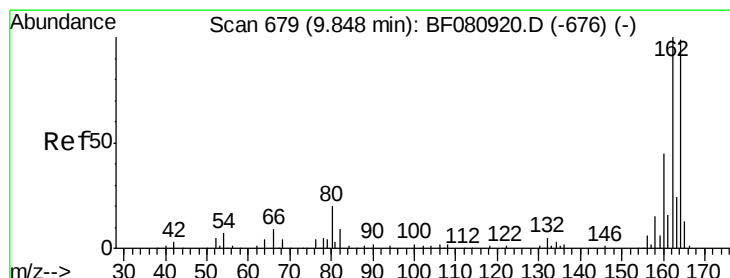
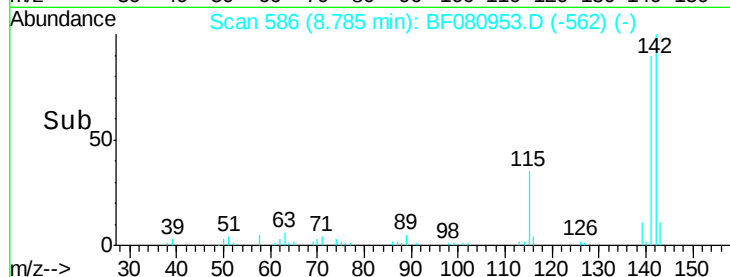
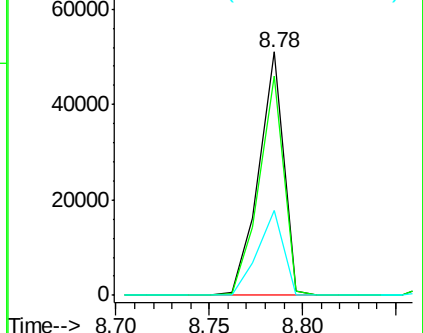
#37
 2-Methylnaphthalene
 Concen: 18.09 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleID :
 PB84907BS

Tot Ion:142 Resp: 47195
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.7 107.5
 115 34.8 30.9 46.3

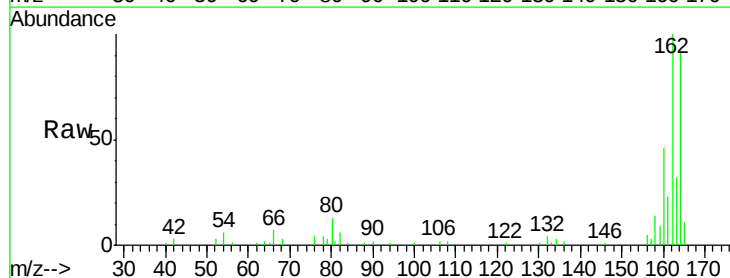


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

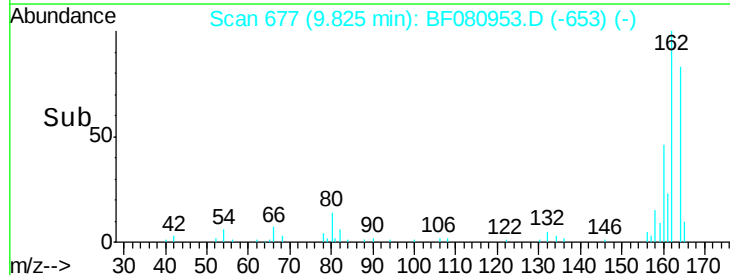
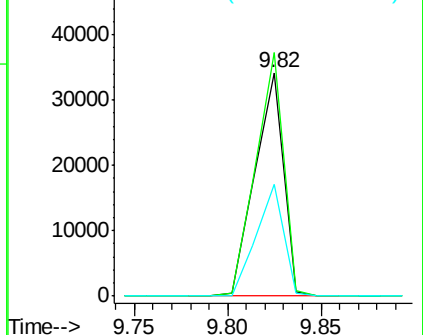


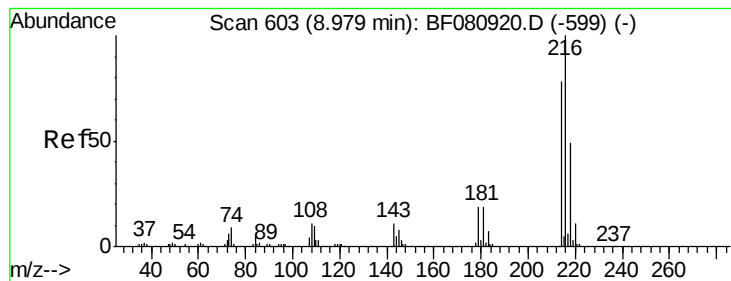
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:164 Resp: 35857
 Ion Ratio Lower Upper
 164 100
 162 108.9 80.5 120.7
 160 49.8 36.6 54.8



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: 18.65 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

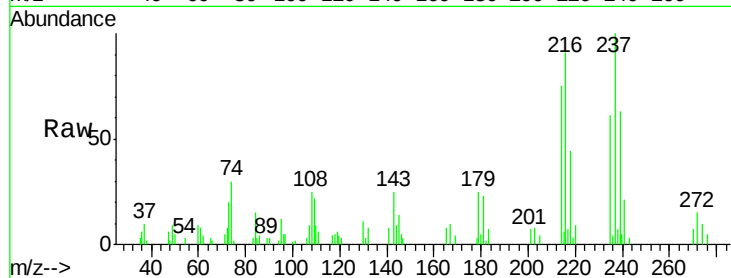
Instrument :

BNA_F

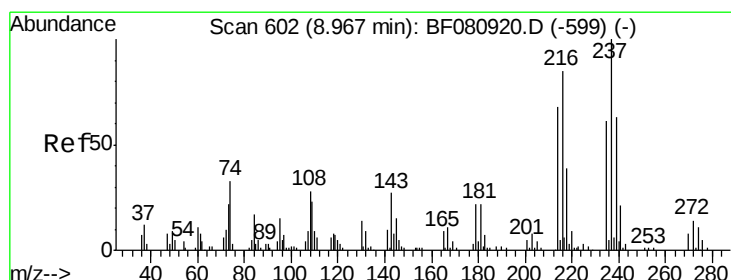
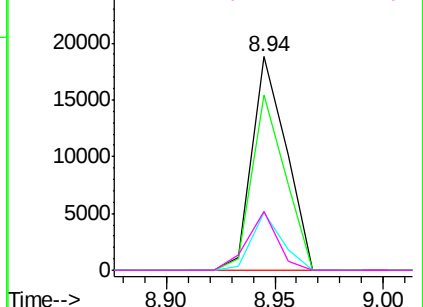
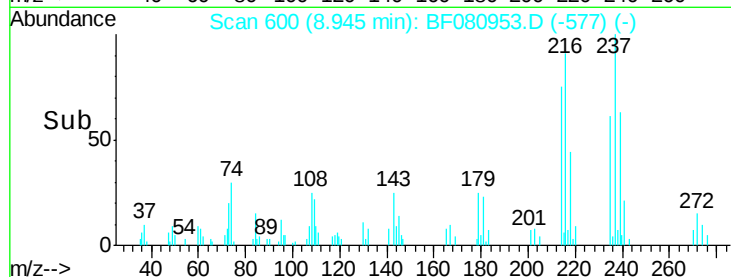
ClientSampleId :

PB84907BS

Tot Ion:216	Resp:	20618
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	23.8	17.2 25.8
108	24.7	16.1 24.1#



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: 41.68 ng

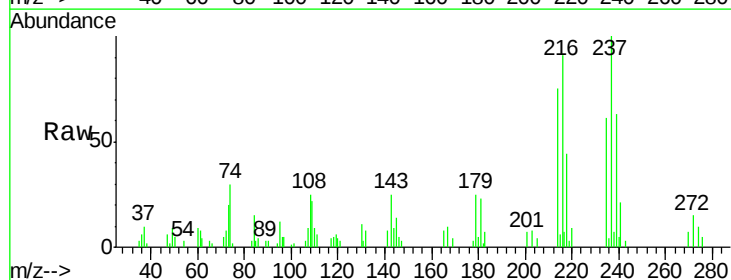
RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

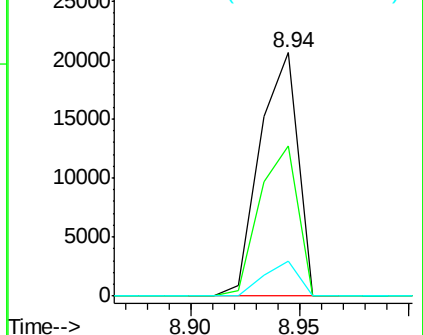
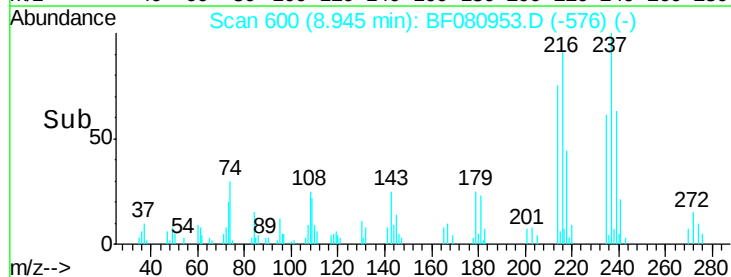
Lab File: BF080953.D

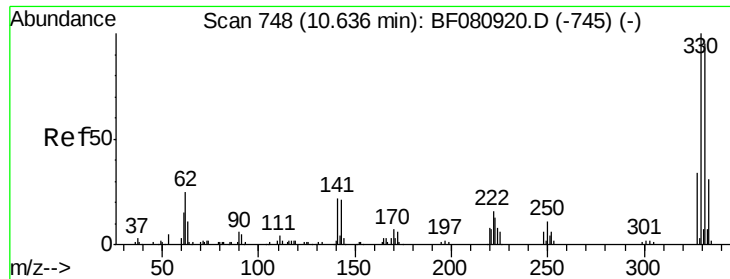
Acq: 10 Aug 2015 16:01

Tgt Ion:237	Resp:	25139
Ion Ratio	Lower	Upper
237	100	
235	61.5	41.3 81.3
272	14.6	0.0 33.6



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

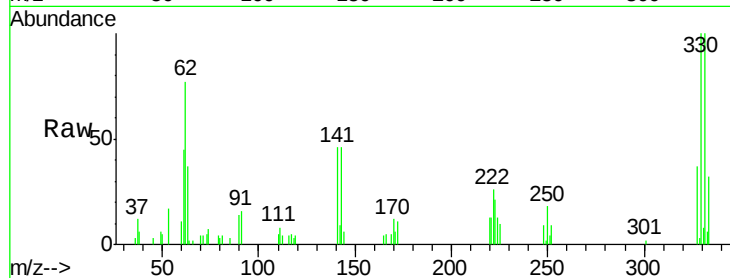




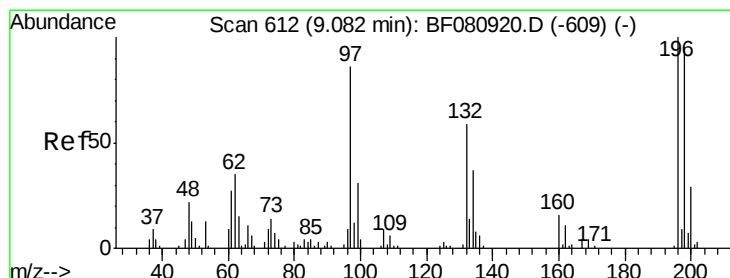
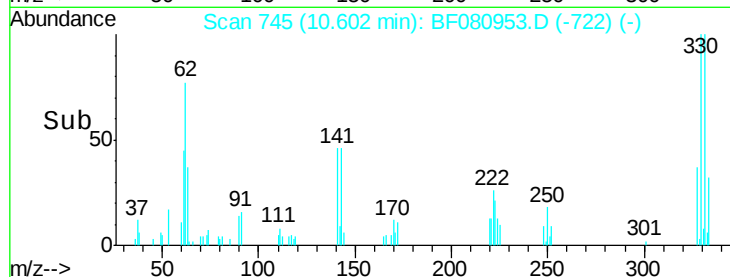
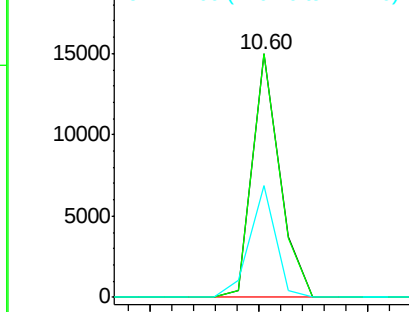
#41
 2,4,6-Tribromophenol
 Concen: 33.35 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:330 Resp: 13137
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.2 114.4
 141 43.6 27.8 41.8#

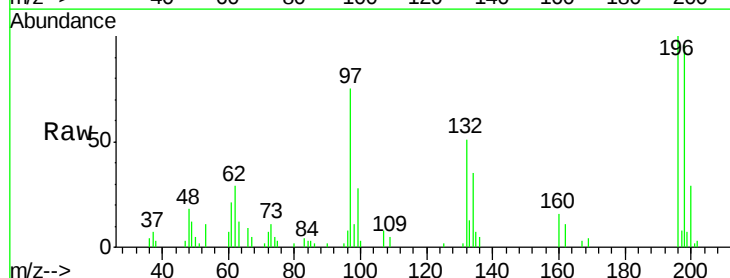


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

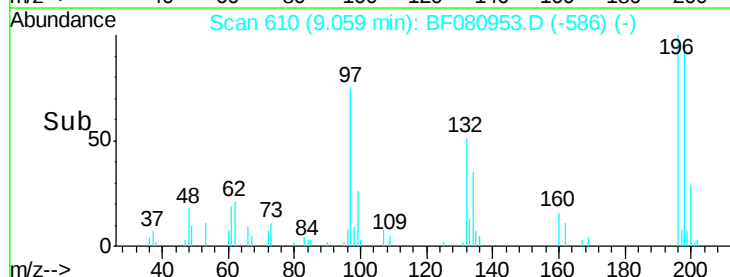
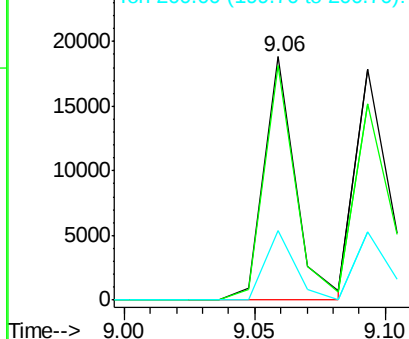


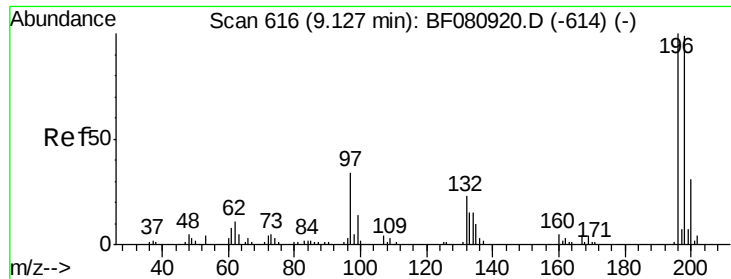
#42
 2,4,6-Trichlorophenol
 Concen: 19.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:196 Resp: 15837
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.9 113.9
 200 28.7 23.1 34.7



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

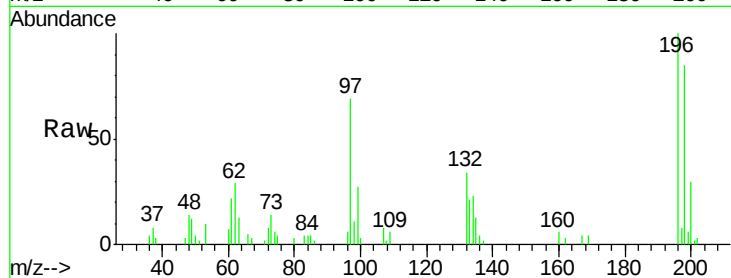




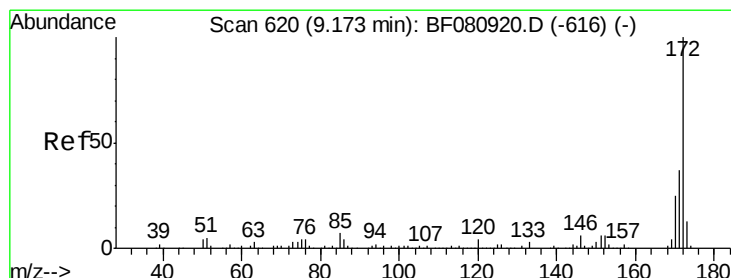
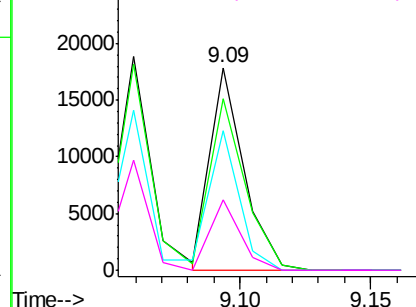
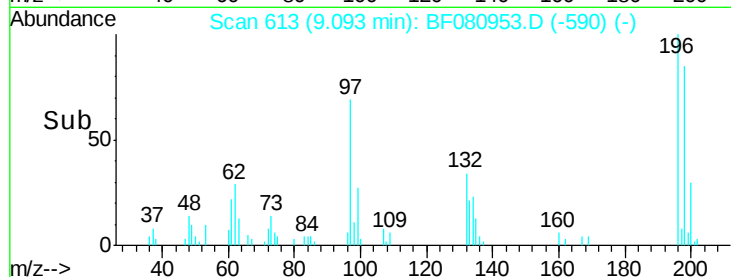
#43
 2,4,5-Trichlorophenol
 Concen: 19.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:196 Resp: 16114
 Ion Ratio Lower Upper
 196 100
 198 84.8 78.9 118.3
 97 68.6 29.1 43.7#
 132 34.4 19.1 28.7#

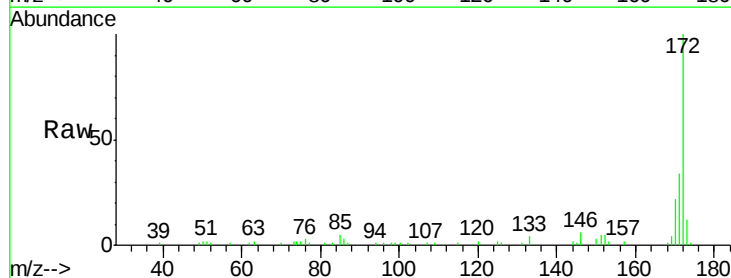


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

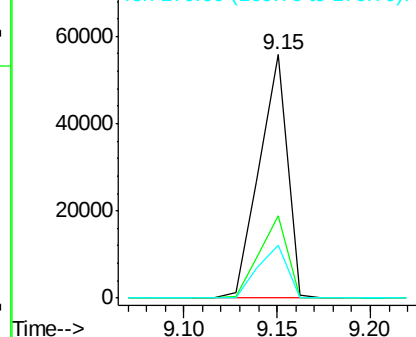
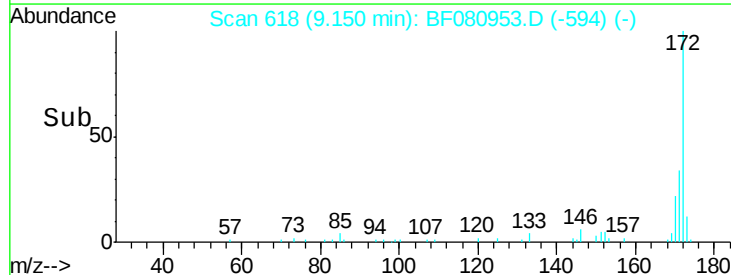


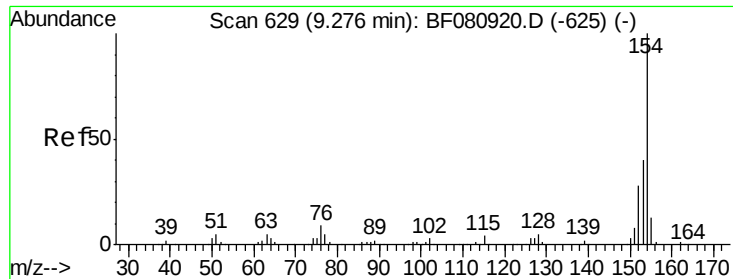
#44
 2-Fluorobiphenyl
 Concen: 22.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:172 Resp: 58042
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.4 44.0
 170 21.8 19.7 29.5



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

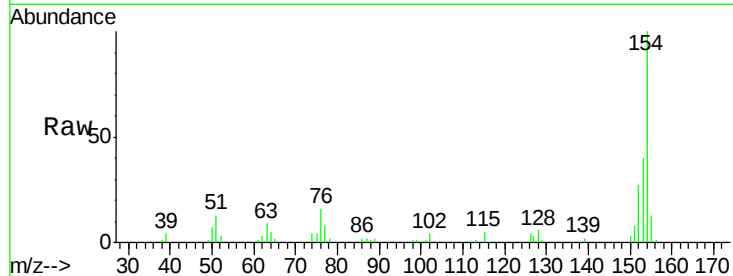




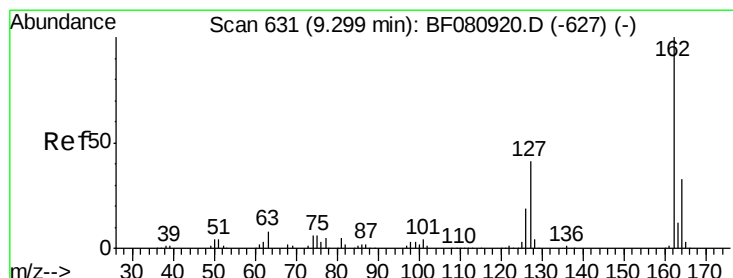
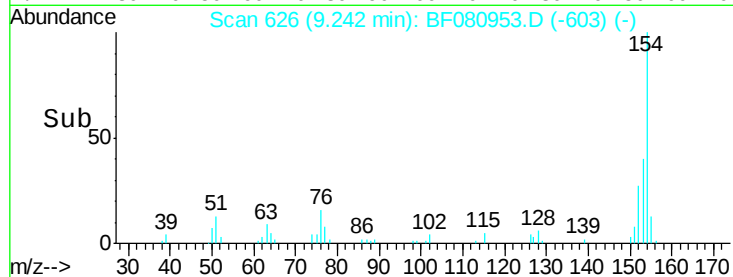
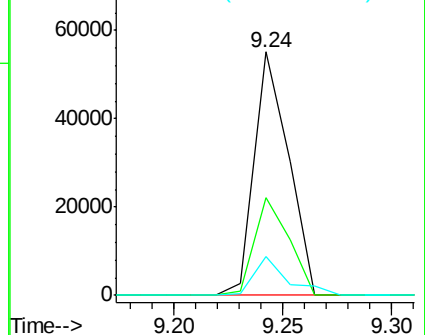
#45
 1,1'-Biphenyl
 Concen: 19.63 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:154 Resp: 60415
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.1 60.1
 76 15.9 0.0 29.3

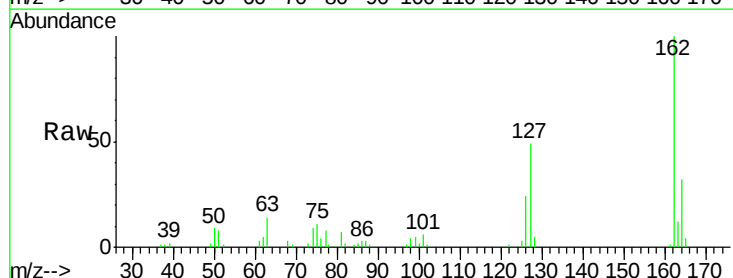


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

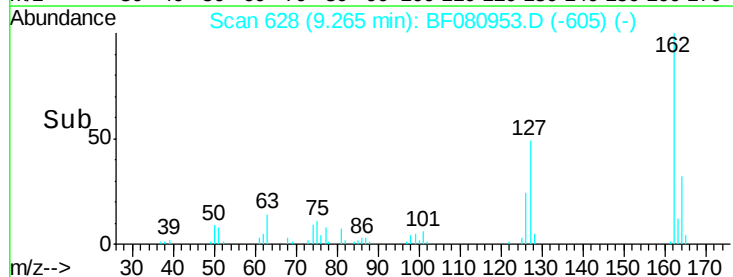
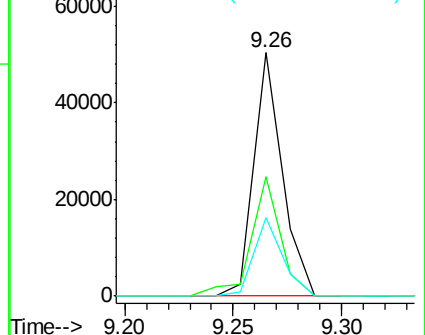


#46
 2-Chloronaphthalene
 Concen: 19.08 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:162 Resp: 45771
 Ion Ratio Lower Upper
 162 100
 127 49.1 32.5 48.7#
 164 32.4 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

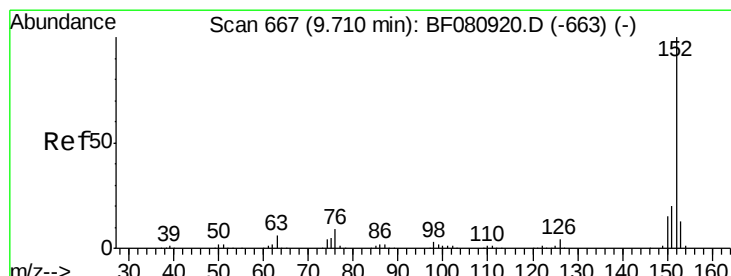
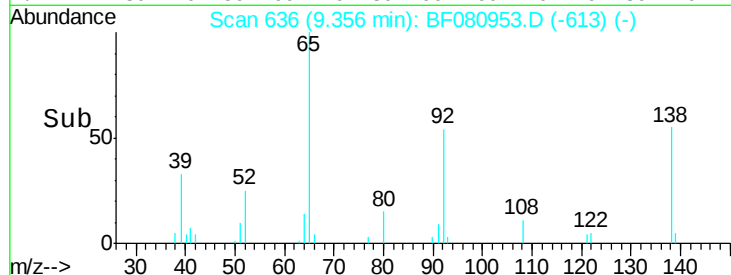
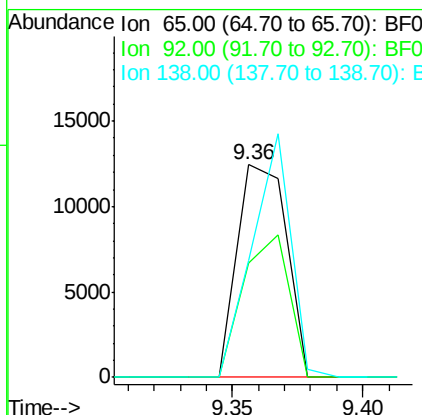
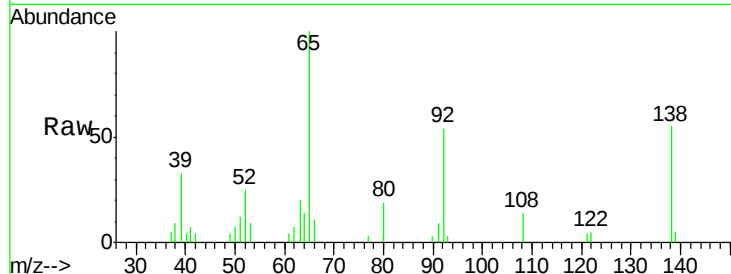




#47
 2-Nitroaniline
 Concen: 17.17 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

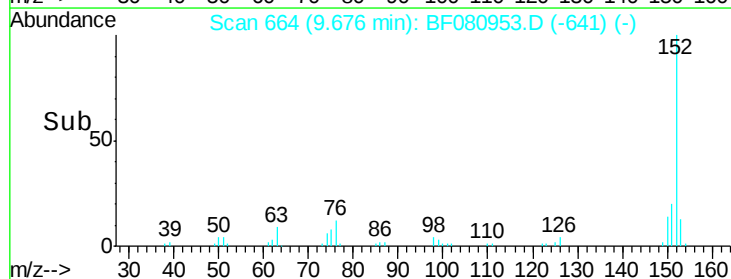
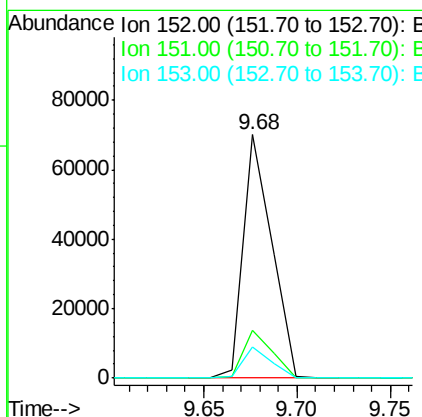
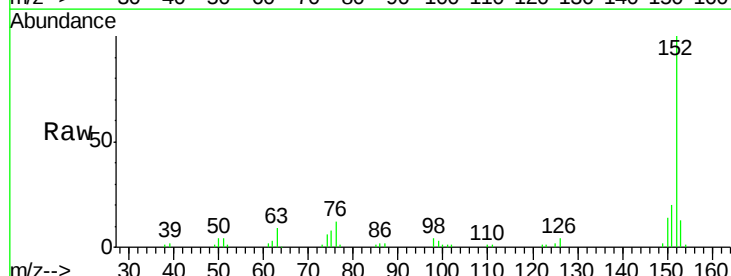
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

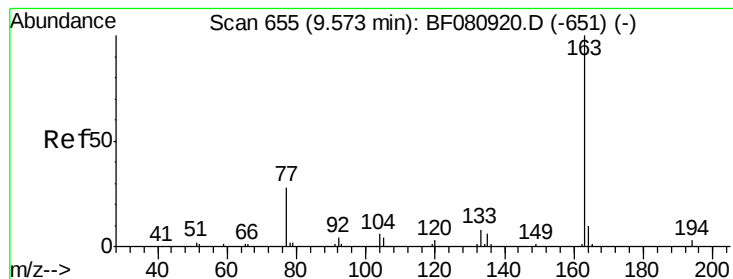
Tot Ion: 65 Resp: 16518
 Ion Ratio Lower Upper
 65 100
 92 53.7 48.0 72.0
 138 55.2 66.1 99.1#



#48
 Acenaphthylene
 Concen: 17.77 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion: 152 Resp: 74136
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.3 24.5
 153 13.0 10.5 15.7





#49

Dimethylphthalate

Concen: 18.03 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

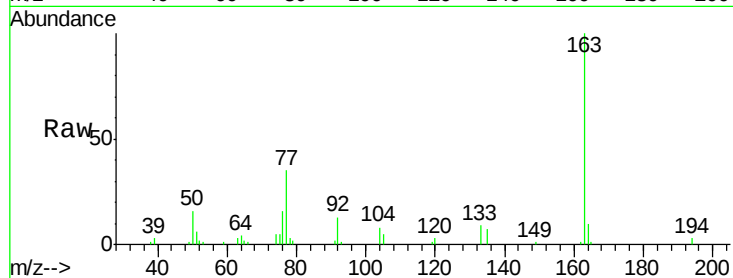
Tot Ion:163 Resp: 53698

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

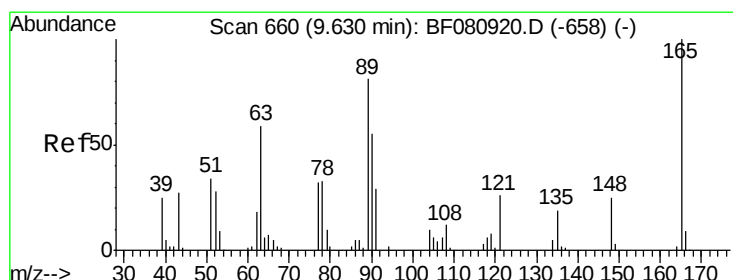
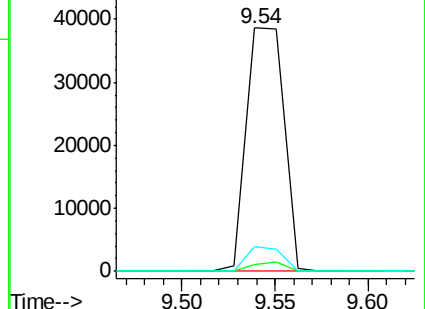
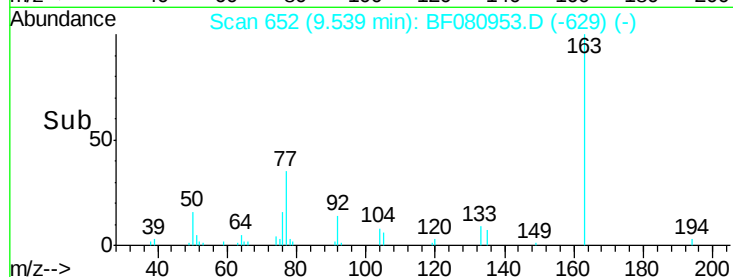
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 17.51 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

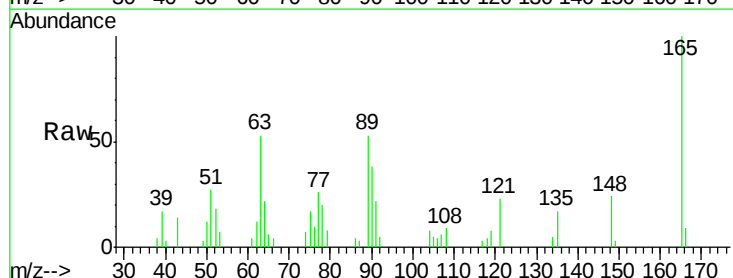
Tgt Ion:165 Resp: 10773

Ion Ratio Lower Upper

165 100

63 53.5 77.6 116.4#

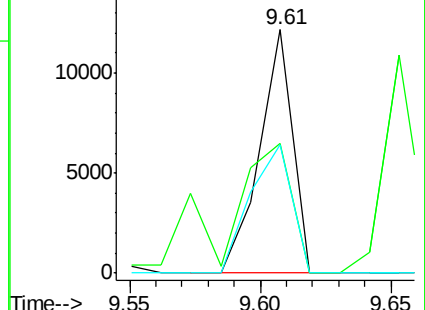
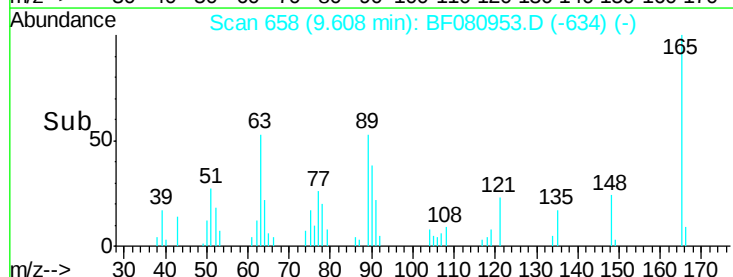
89 52.9 64.5 96.7#

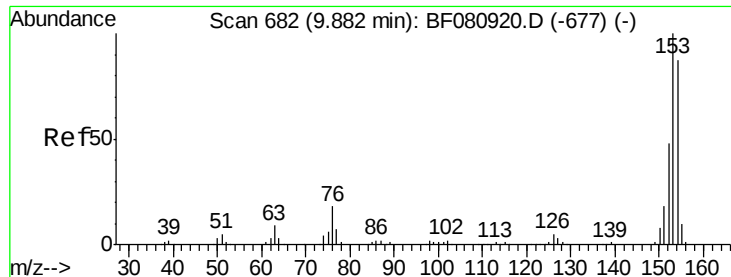


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

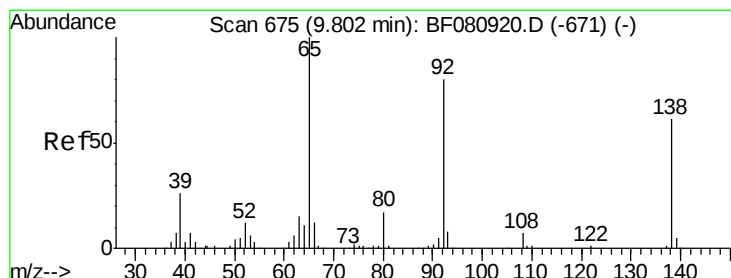
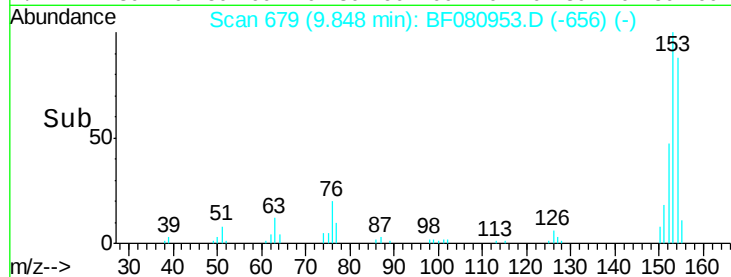
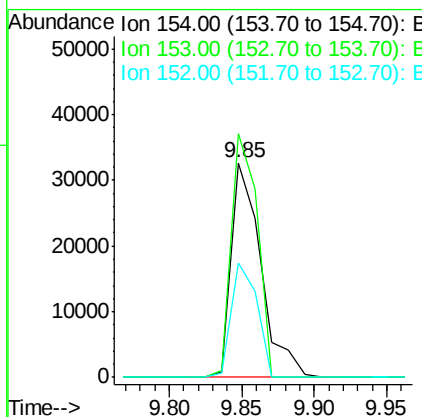
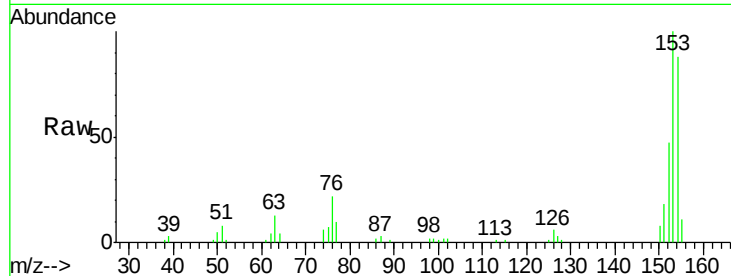




#51
Acenaphthene
Concen: 18.20 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

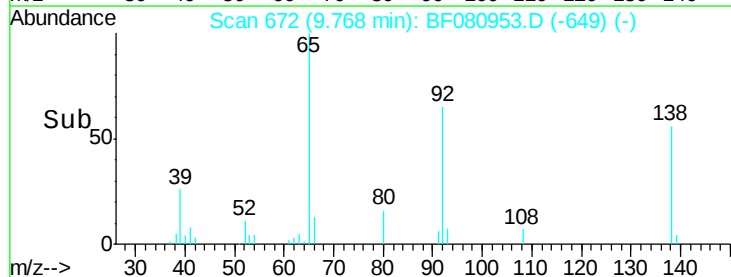
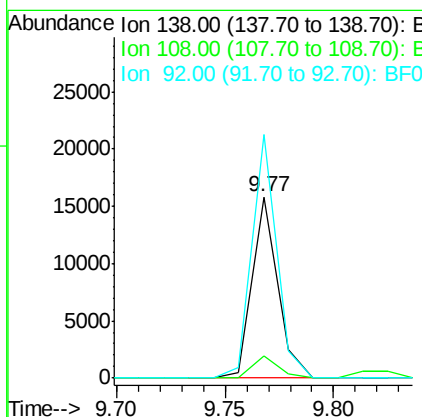
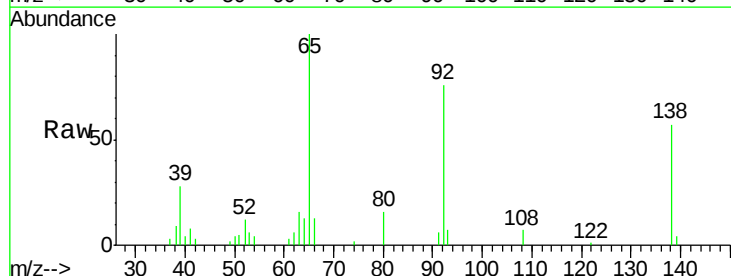
Instrument :
BNA_F
ClientSampleId :
PB84907BS

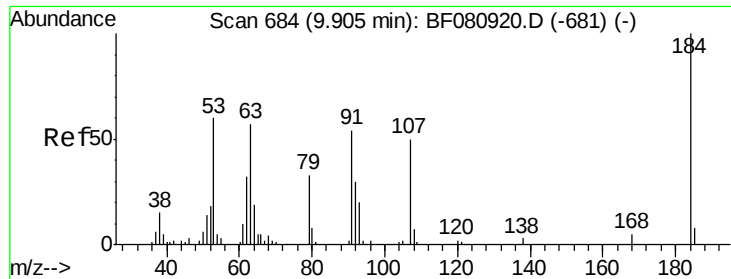
Tot Ion:154 Resp: 46497
Ion Ratio Lower Upper
154 100
153 113.5 91.4 137.2
152 53.6 44.2 66.4



#52
3-Nitroaniline
Concen: 17.08 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:138 Resp: 12958
Ion Ratio Lower Upper
138 100
108 12.5 8.7 13.1
92 134.3 104.4 156.6

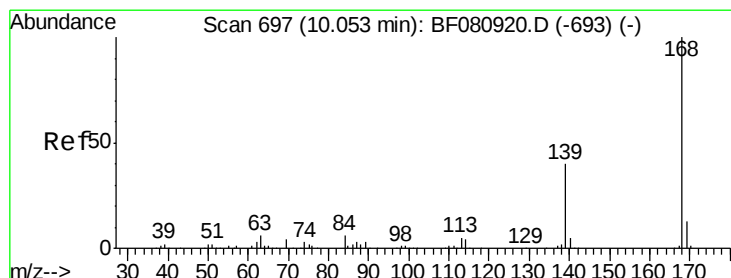
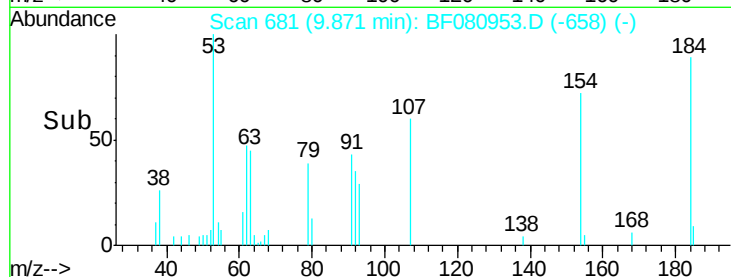
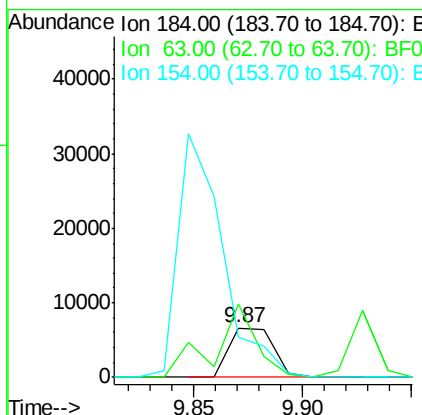
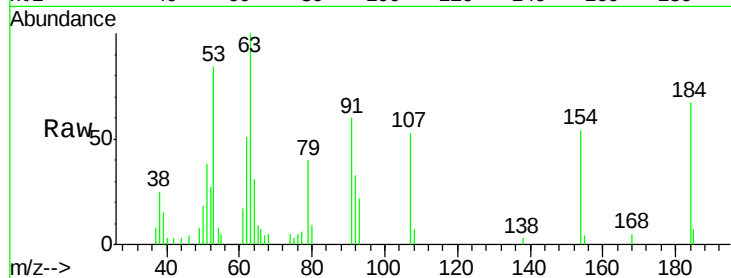




#53
2,4-Dinitrophenol
Concen: 29.13 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

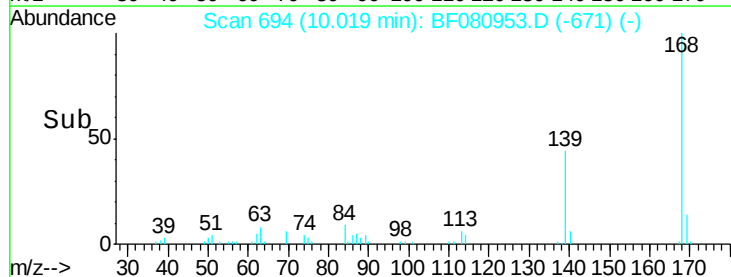
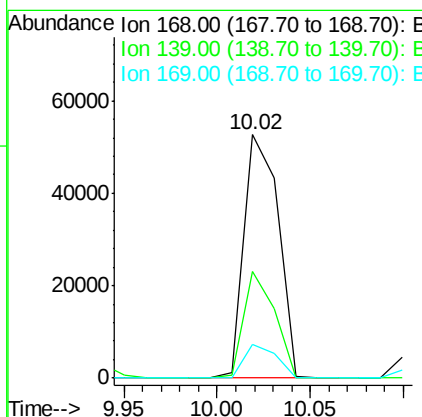
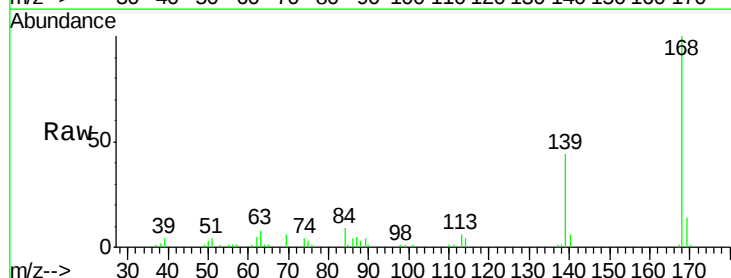
Instrument :
BNA_F
ClientSampleId :
PB84907BS

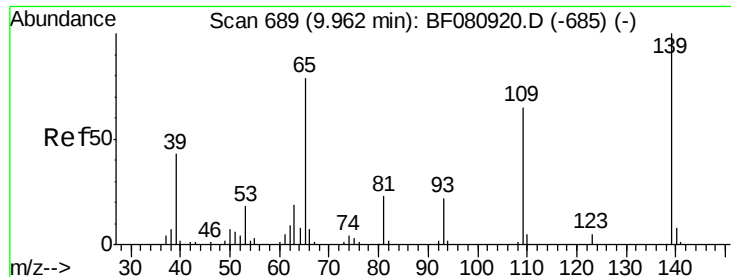
Tot Ion:184 Resp: 9310
Ion Ratio Lower Upper
184 100
63 148.2 59.7 89.5#
154 80.7 53.8 80.8



#54
Dibenzofuran
Concen: 19.38 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:168 Resp: 66959
Ion Ratio Lower Upper
168 100
139 44.0 31.9 47.9
169 13.9 10.6 15.8

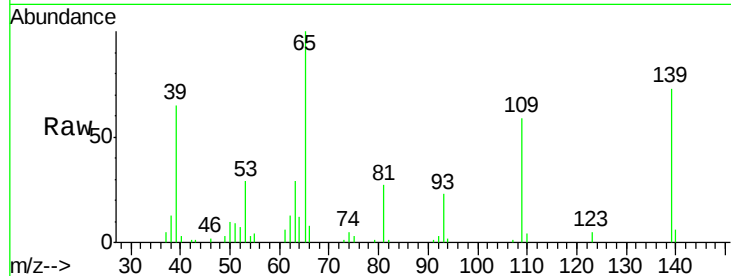




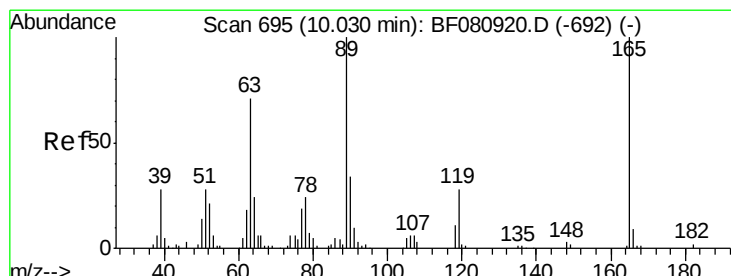
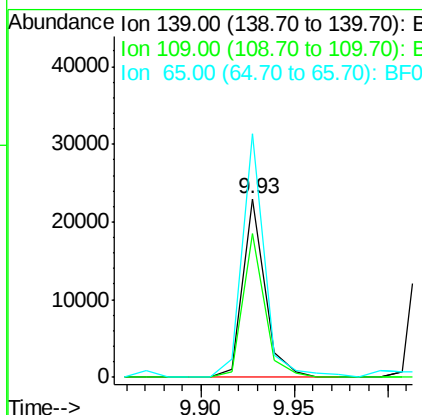
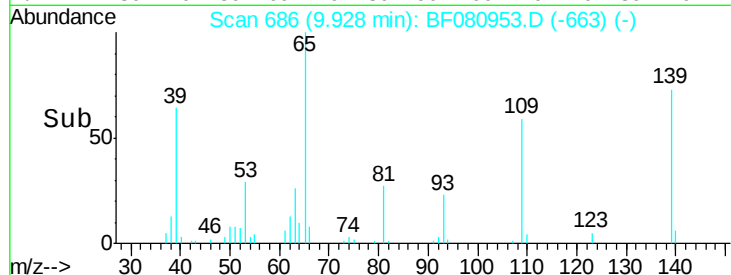
#55
4-Nitrophenol
Concen: 33.55 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:139 Resp: 19054
Ion Ratio Lower Upper
139 100
109 80.1 44.7 84.7
65 136.1 59.5 99.5#

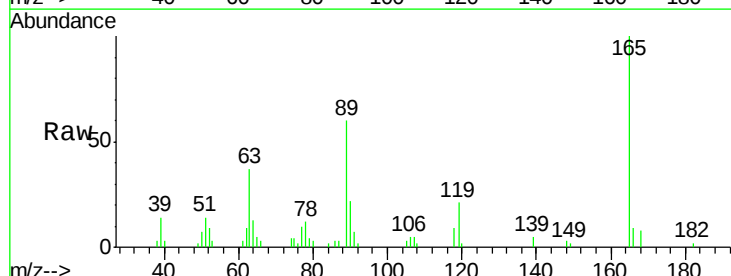


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

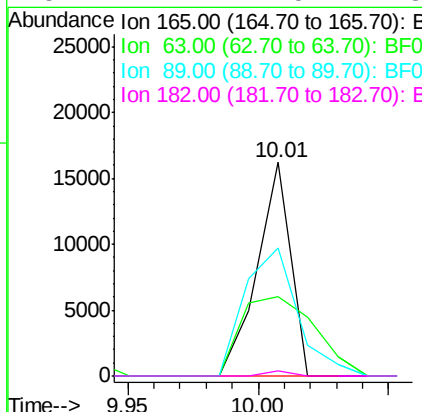
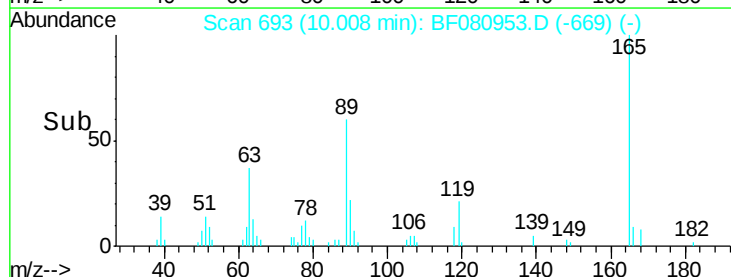


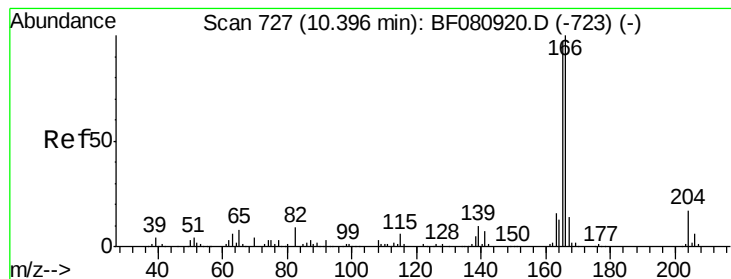
#56
2,4-Dinitrotoluene
Concen: 17.67 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:165 Resp: 14548
Ion Ratio Lower Upper
165 100
63 37.2 56.7 85.1#
89 59.8 80.4 120.6#
182 2.2 1.5 2.3



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: 21.14 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

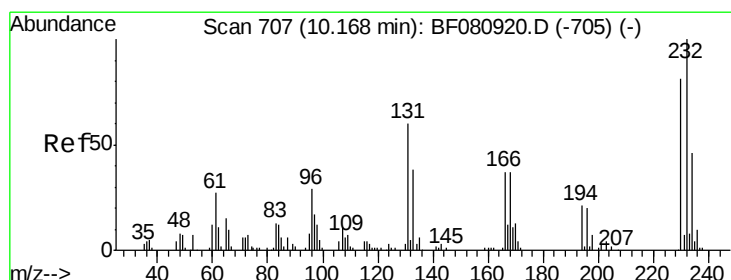
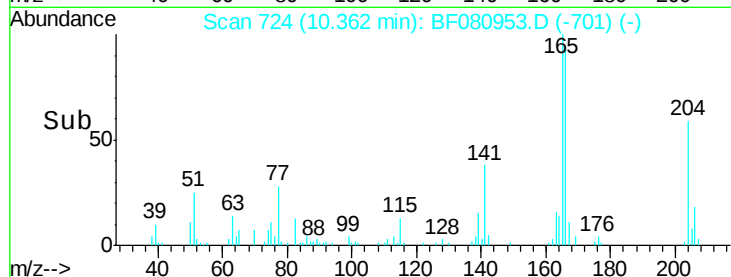
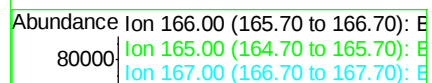
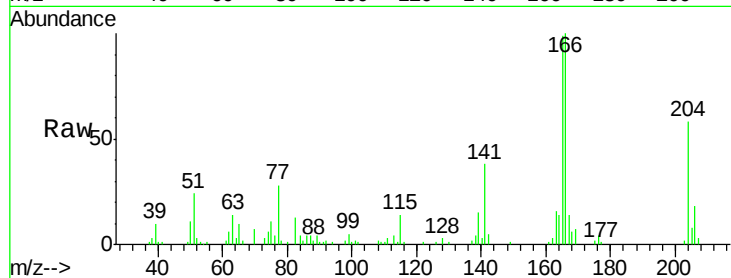
Tot Ion:166 Resp: 56476

Ion Ratio Lower Upper

166 100

165 98.7 77.2 115.8

167 13.9 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.76 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Tgt Ion:232 Resp: 12119

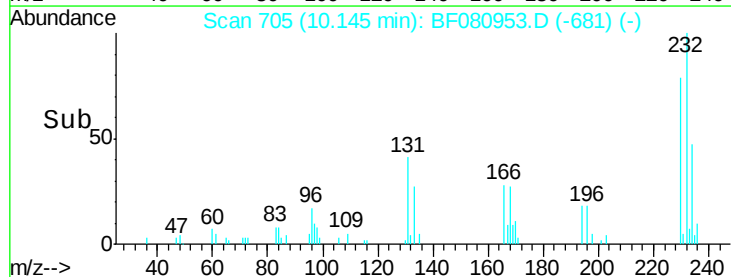
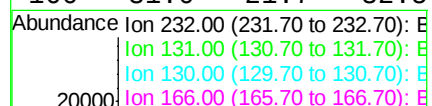
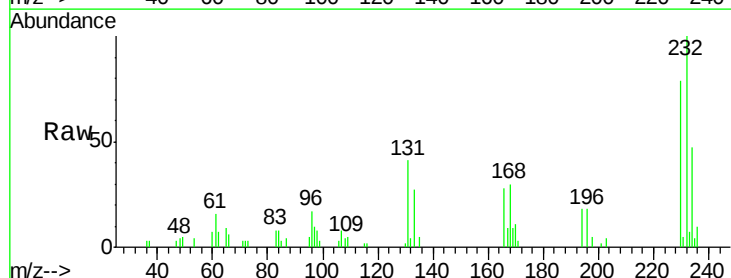
Ion Ratio Lower Upper

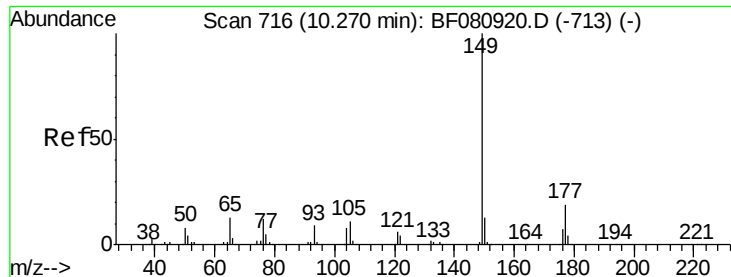
232 100

131 48.1 39.4 59.2

130 1.8 2.1 3.1#

166 31.0 21.7 32.5

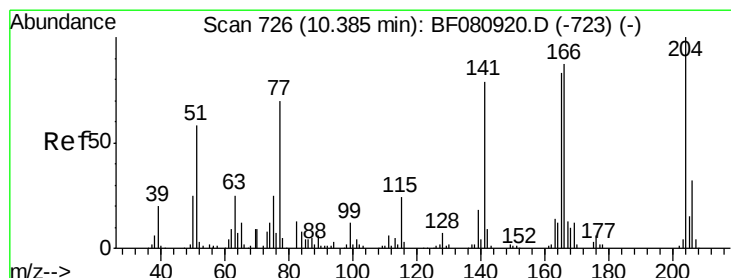
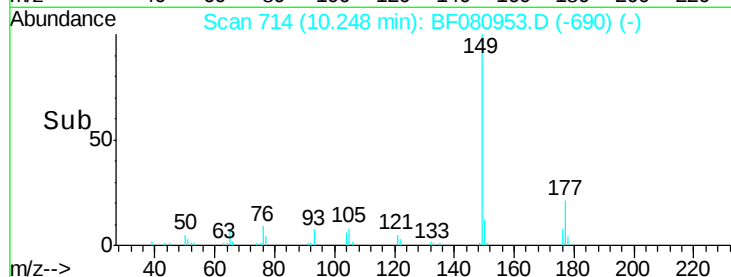
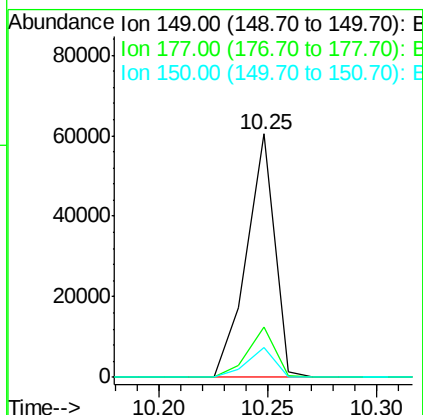
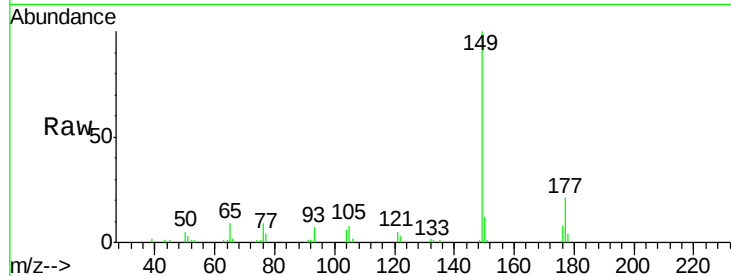




#59
Diethylphthalate
Concen: 17.52 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

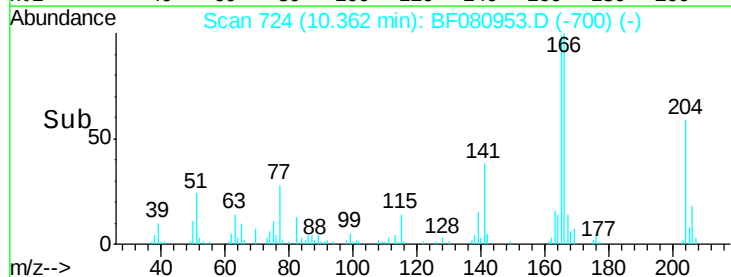
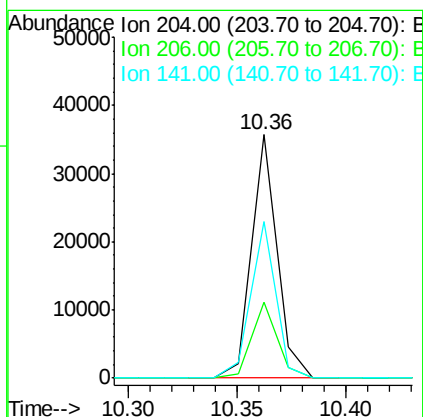
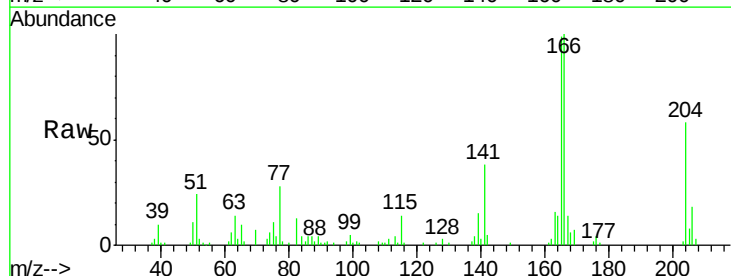
Instrument :
BNA_F
ClientSampleId :
PB84907BS

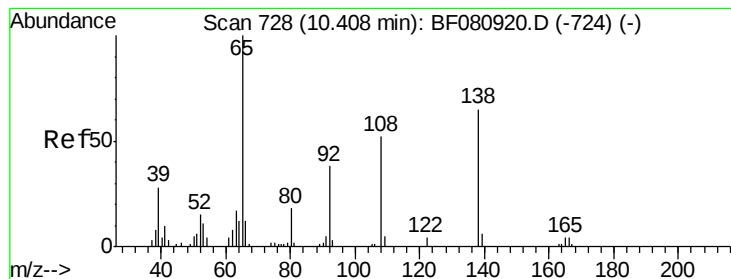
Tot Ion:149 Resp: 54314
Ion Ratio Lower Upper
149 100
177 20.9 15.0 22.4
150 12.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 22.31 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:204 Resp: 29053
Ion Ratio Lower Upper
204 100
206 31.3 25.5 38.3
141 64.5 63.4 95.0

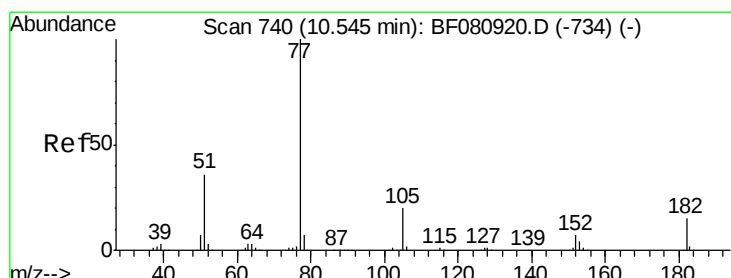
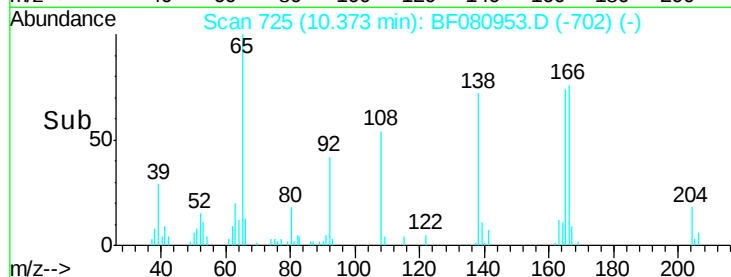
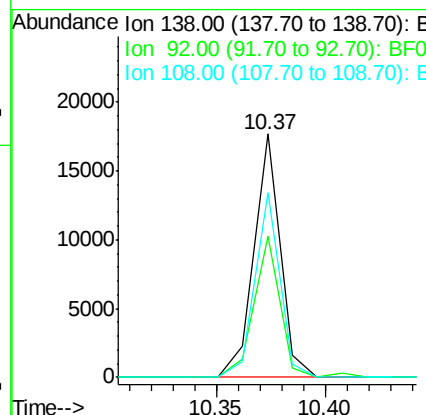
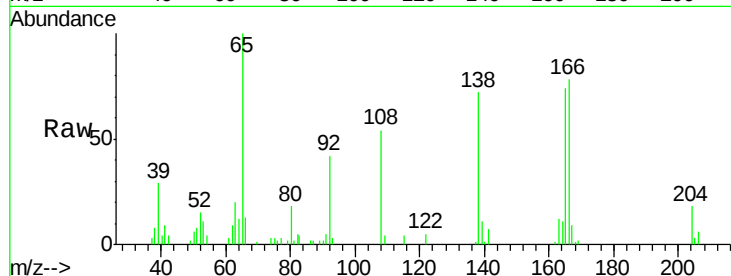




#61
4-Nitroaniline
Concen: 18.98 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

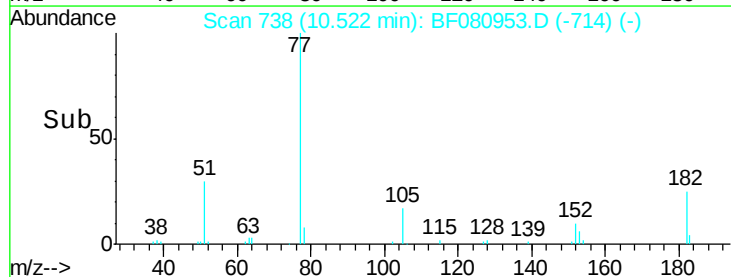
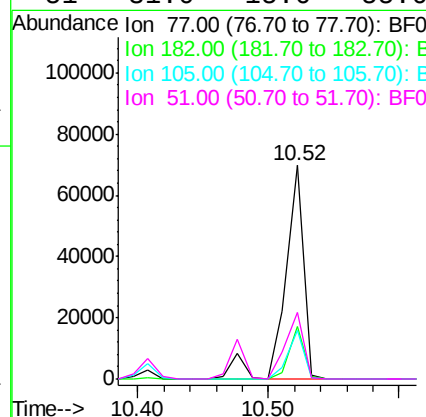
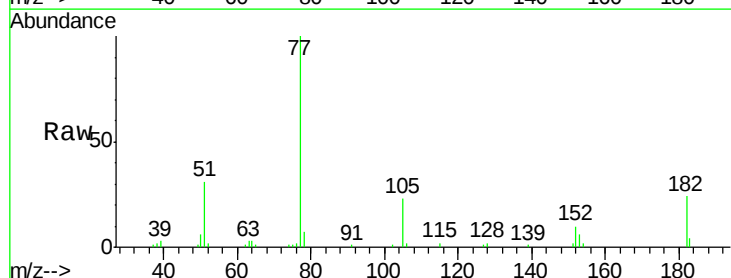
Instrument :
BNA_F
ClientSampleId :
PB84907BS

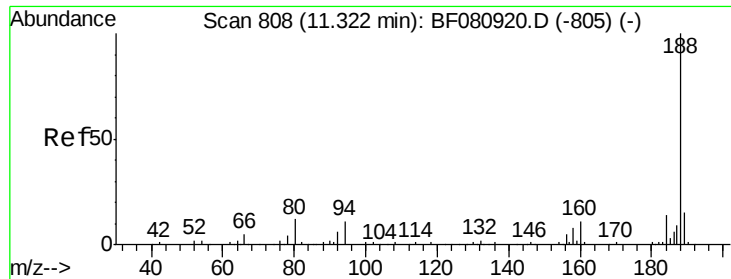
Tot Ion:138 Resp: 14813
Ion Ratio Lower Upper
138 100
92 58.1 38.1 78.1
108 75.6 59.9 99.9



#62
Azobenzene
Concen: 20.34 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion: 77 Resp: 70510
Ion Ratio Lower Upper
77 100
182 24.4 0.0 35.5
105 23.0 0.5 40.5
51 31.0 15.6 55.6

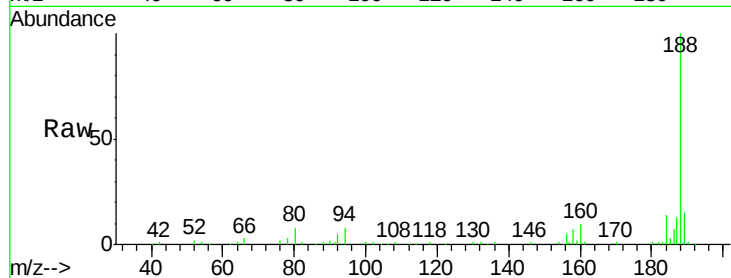




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

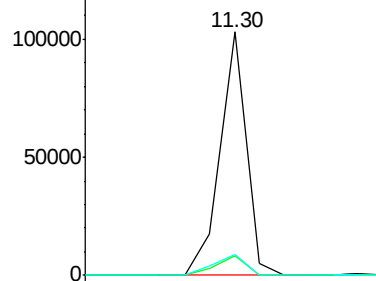
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.8	13.2#
80	8.5	9.5	14.3#



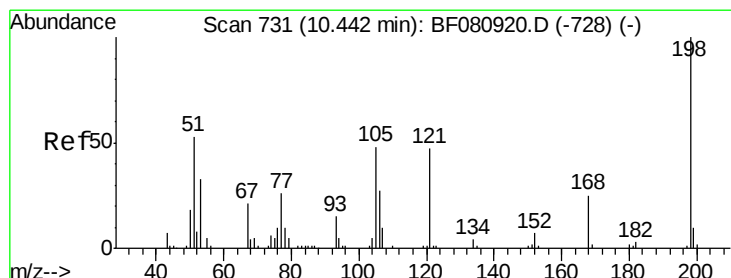
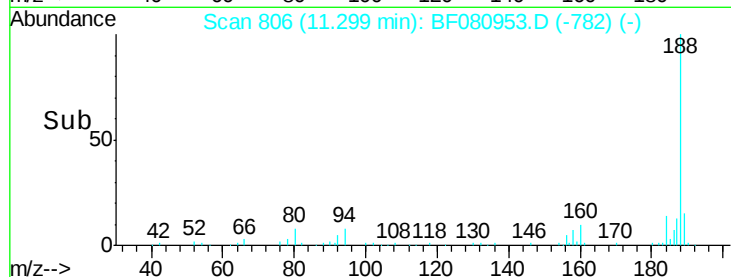
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

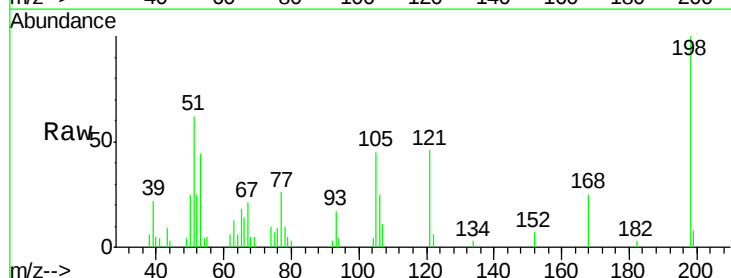


Time-->



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.26 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

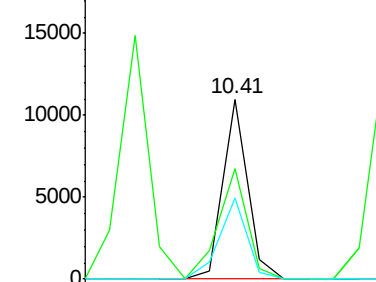
Tgt Ion	Ratio	Lower	Upper
198	100		
51	61.6	40.3	80.3
105	45.4	29.6	69.6



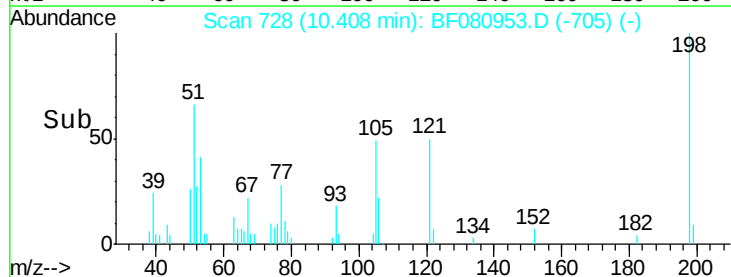
Abundance Ion 198.00 (197.70 to 198.70): E

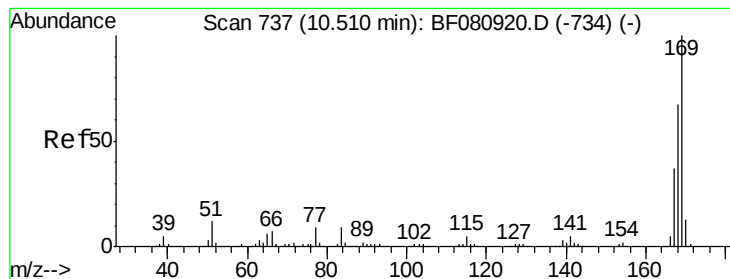
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

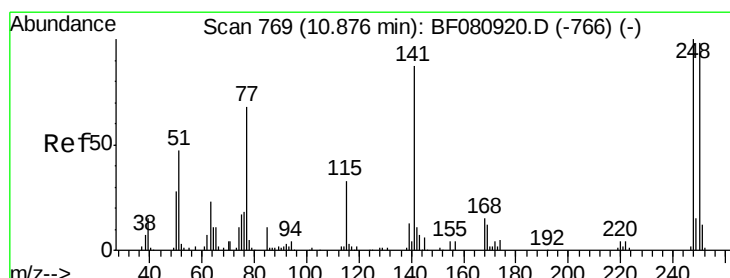
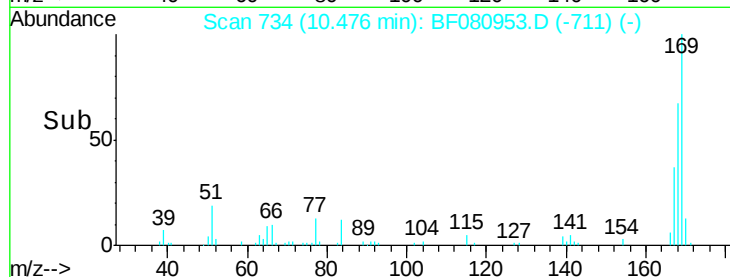
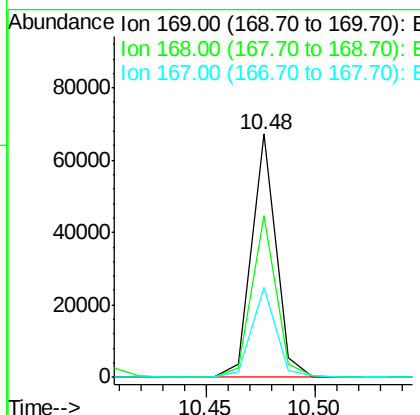
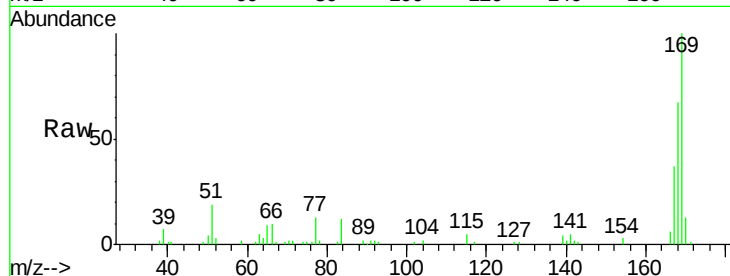




#65
 n-Nitrosodiphenylamine
 Concen: 17.44 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

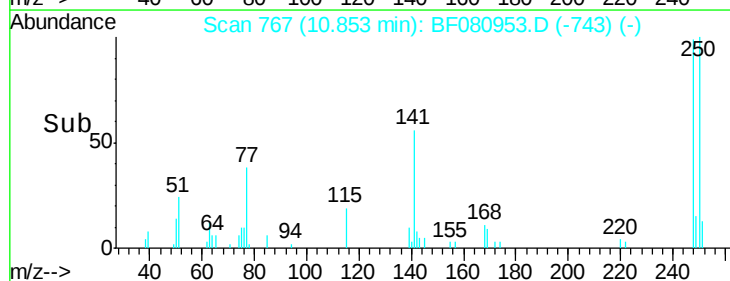
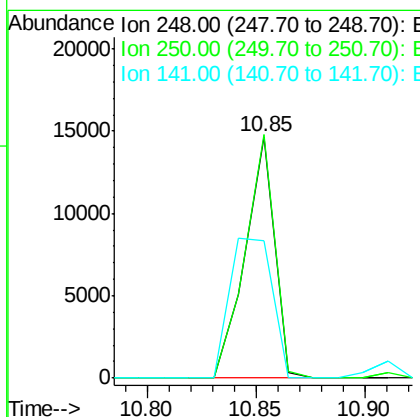
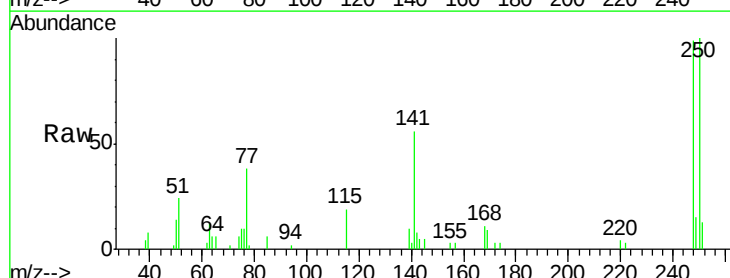
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

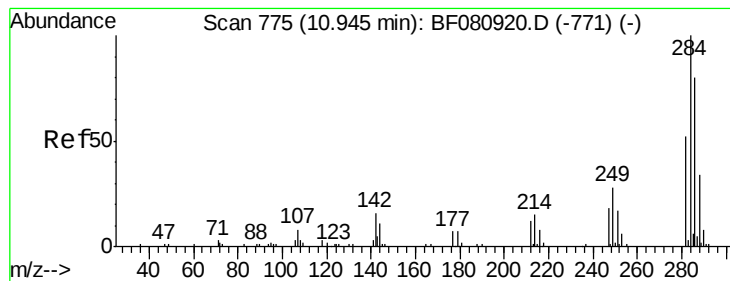
Tot Ion:169 Resp: 52280
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 37.0 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 15.10 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:248 Resp: 13798
 Ion Ratio Lower Upper
 248 100
 250 100.9 78.1 117.1
 141 56.9 69.6 104.4#





#67

Hexachlorobenzene

Concen: 15.84 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

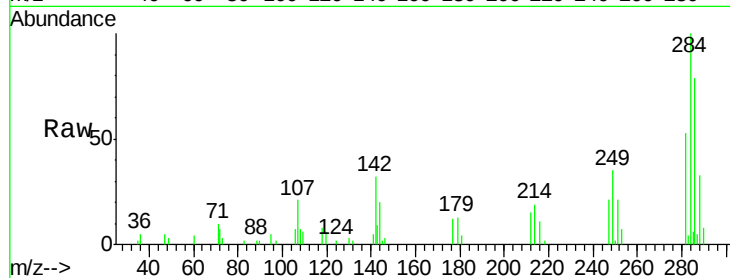
Tot Ion:284 Resp: 16090

Ion Ratio Lower Upper

284 100

142 32.2 12.8 19.2#

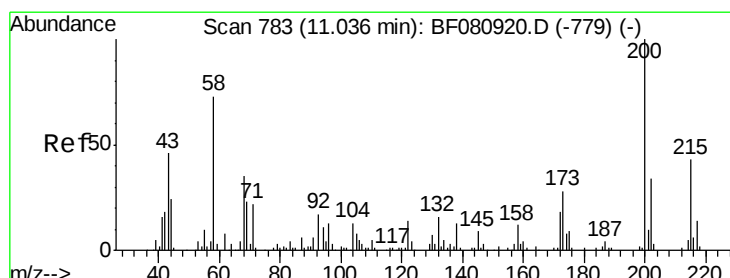
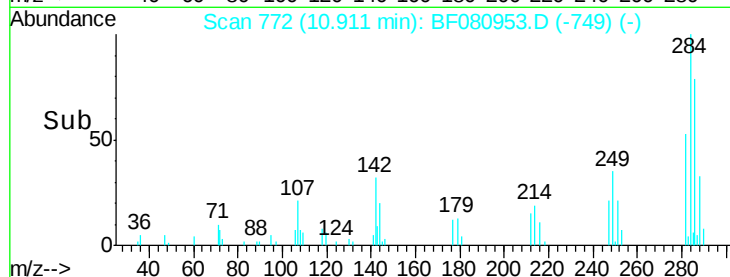
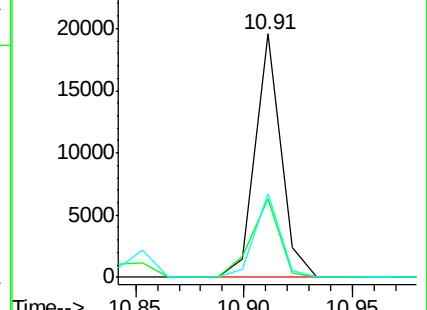
249 34.6 22.5 33.7#



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: 14.70 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

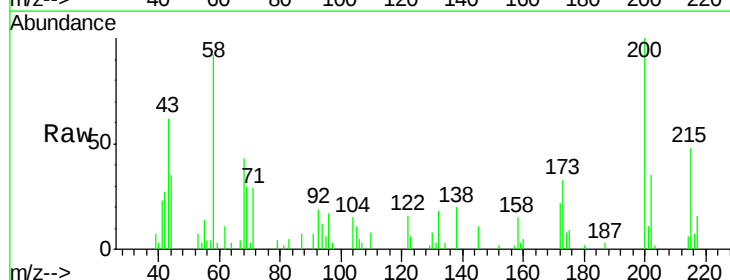
Tgt Ion:200 Resp: 12922

Ion Ratio Lower Upper

200 100

173 33.3 8.4 48.4

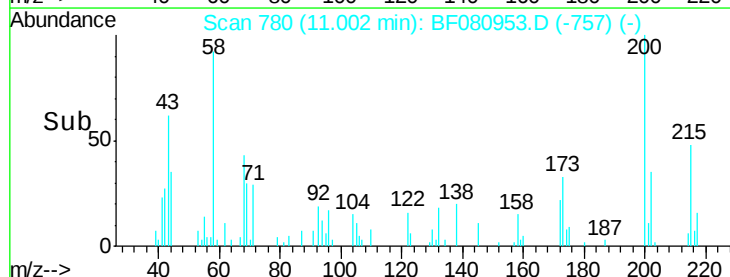
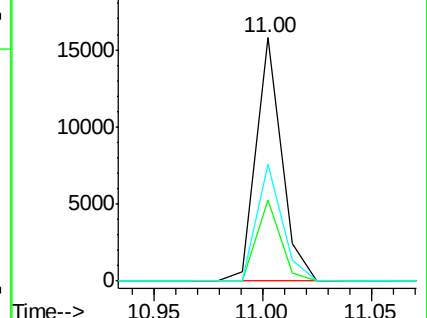
215 47.9 22.7 62.7



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

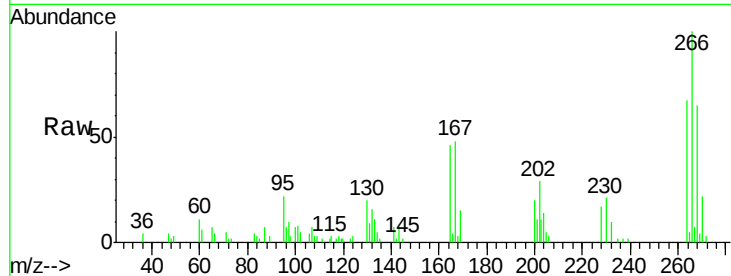




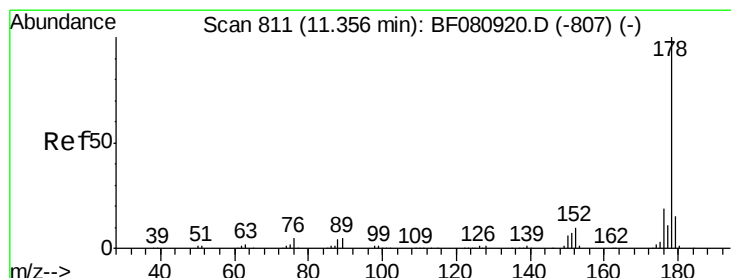
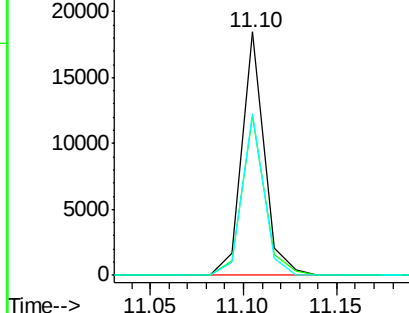
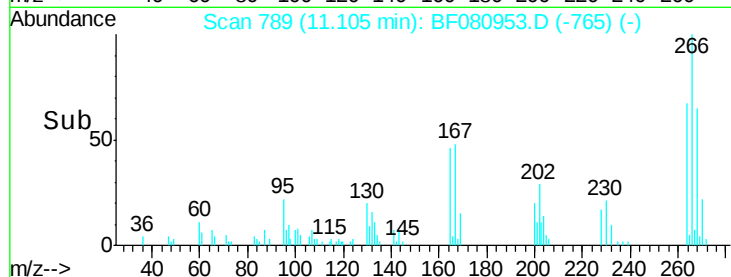
#69
 Pentachlorophenol
 Concen: 26.30 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:266 Resp: 15534
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.6 77.4
 264 66.6 50.1 75.1

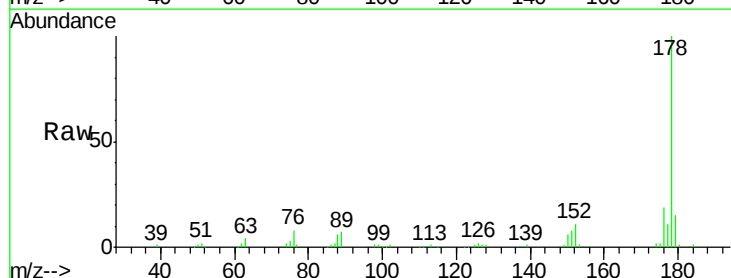


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

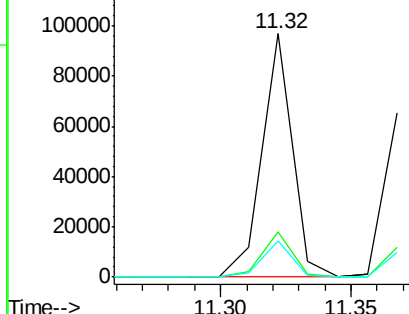
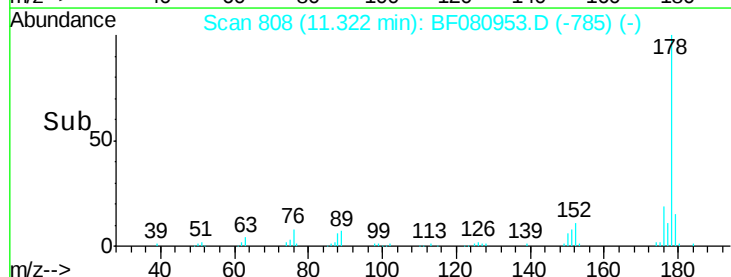


#70
 Phenanthrene
 Concen: 16.15 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:178 Resp: 78916
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 14.8 11.9 17.9



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

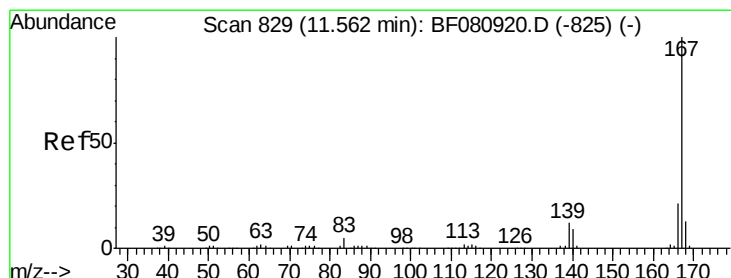
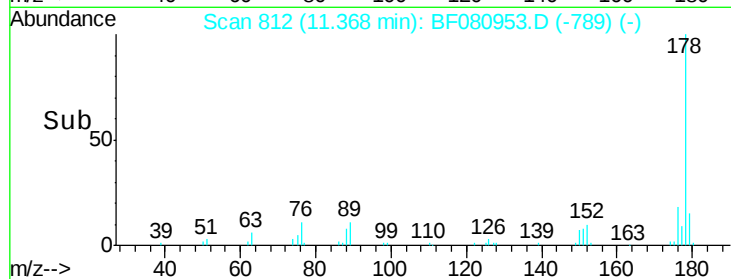
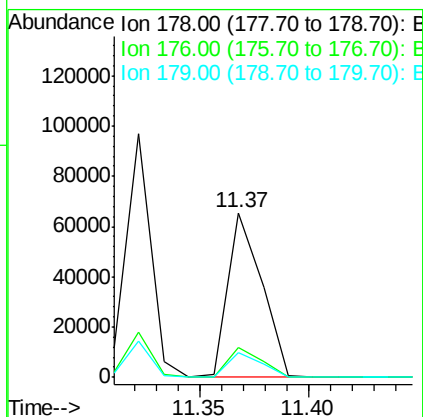
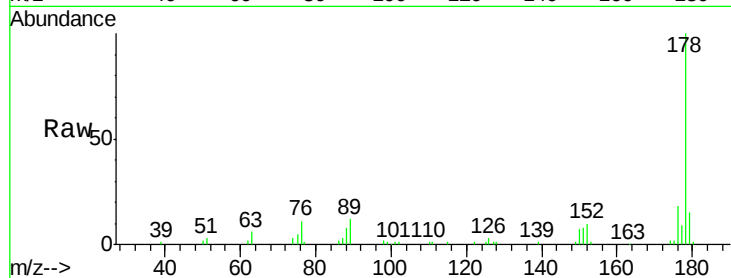




#71
 Anthracene
 Concen: 14.64 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

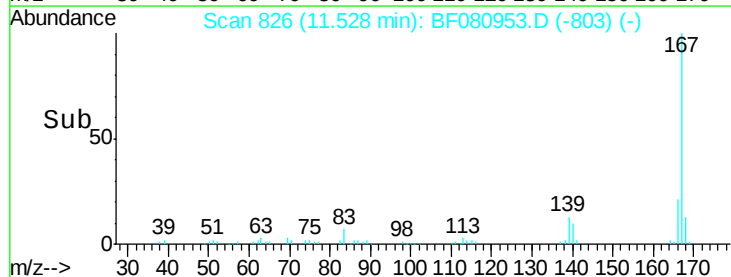
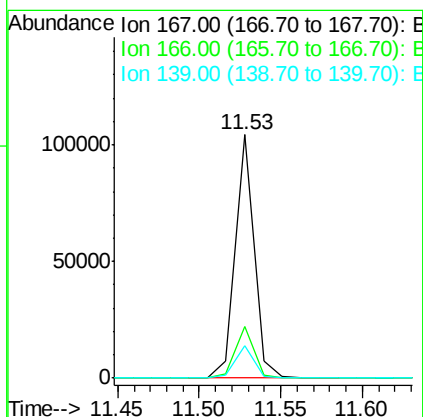
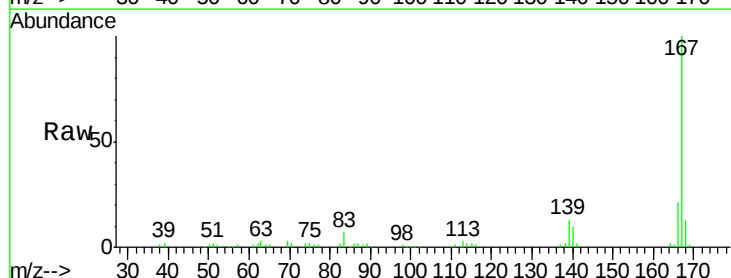
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:178 Resp: 70786
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.5 23.3
 179 15.3 12.6 18.8



#72
 Carbazole
 Concen: 17.46 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:167 Resp: 82208
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 13.4 9.2 13.8





#73

Di-n-butylphthalate

Concen: 15.93 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

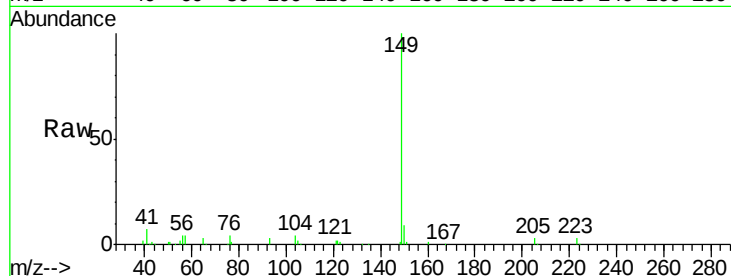
Tot Ion:149 Resp: 93798

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

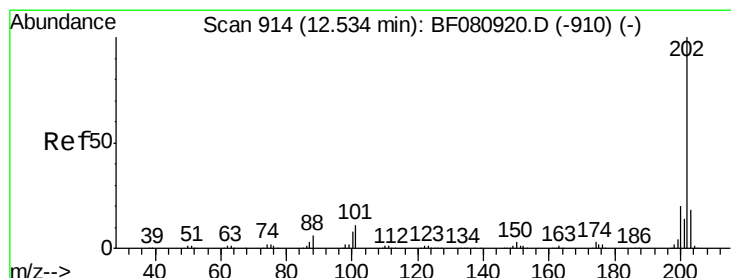
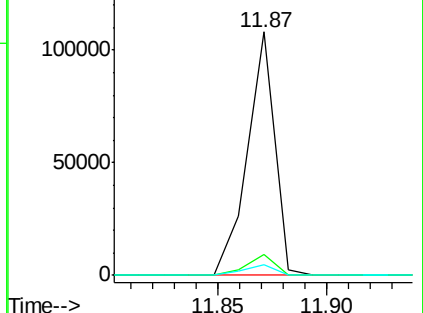
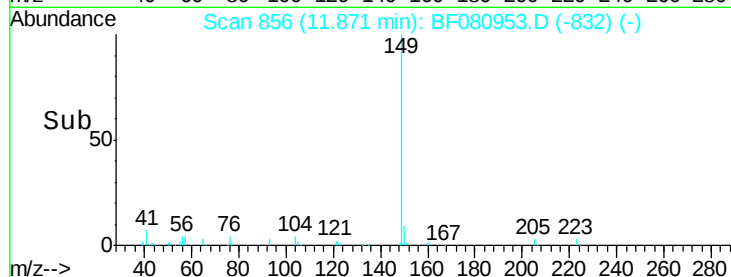
104 4.4 4.4 6.6



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: 16.01 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

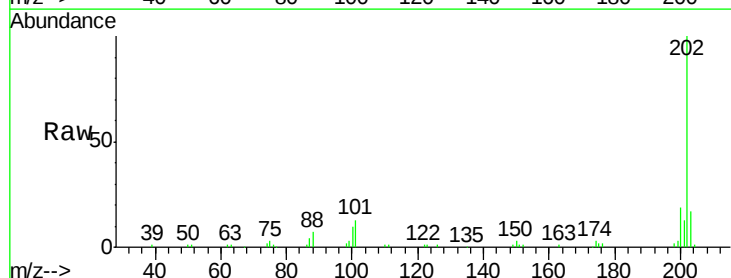
Tgt Ion:202 Resp: 84576

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.5

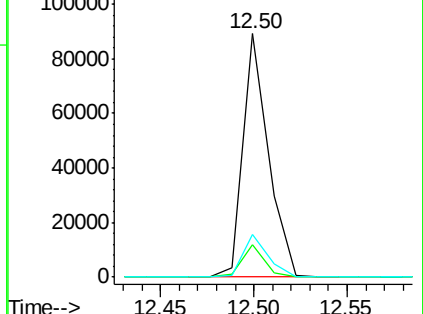
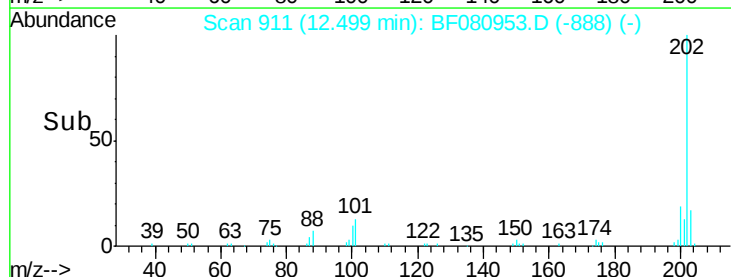
203 17.4 0.0 37.7

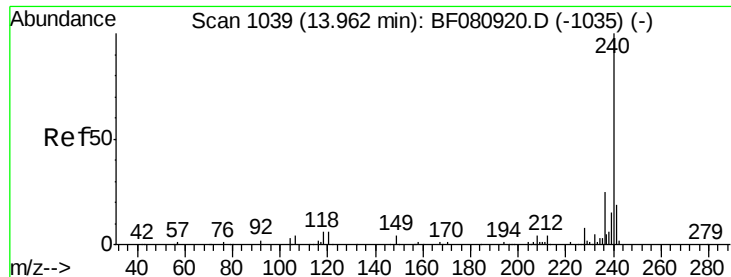


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

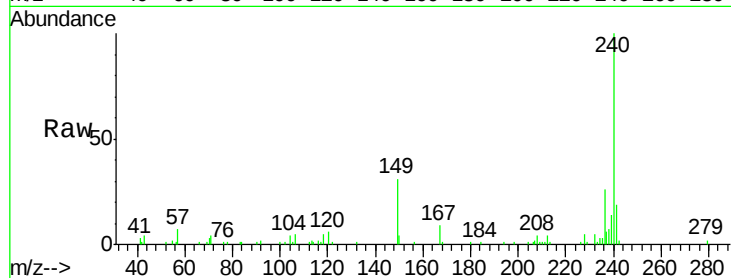
Tot Ion:240 Resp: 69868

Ion Ratio Lower Upper

240 100

120 6.3 5.2 7.8

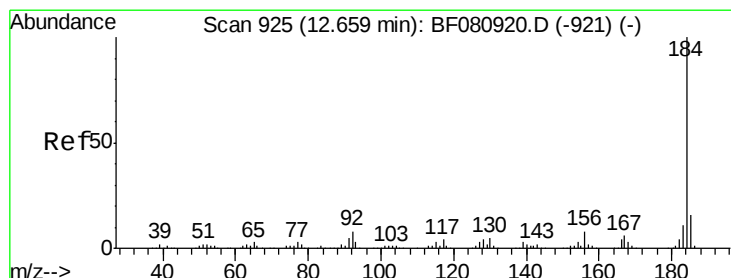
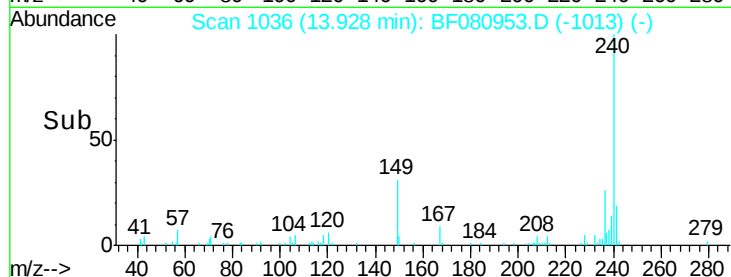
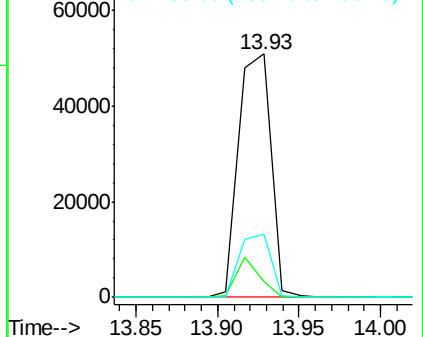
236 25.7 20.2 30.4



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: 27.93 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

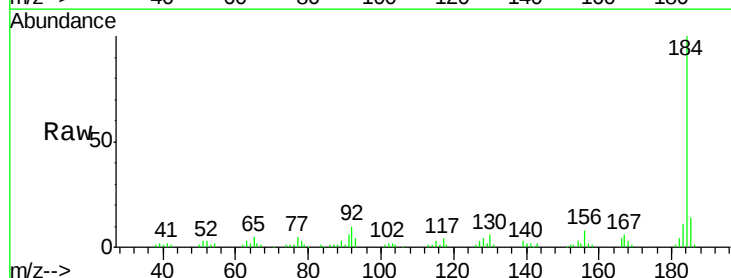
Tgt Ion:184 Resp: 95270

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

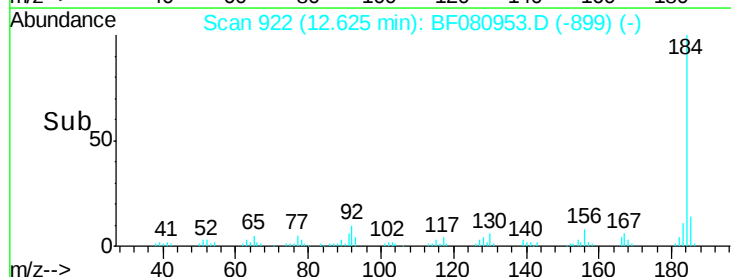
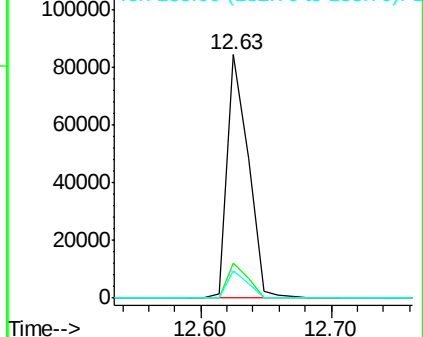
183 11.3 8.7 13.1

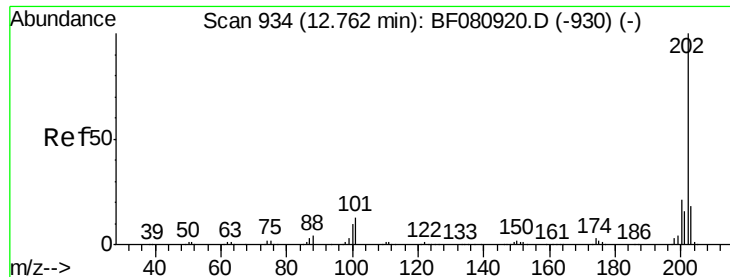


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

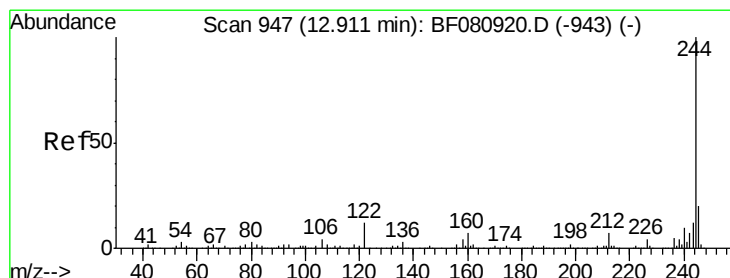
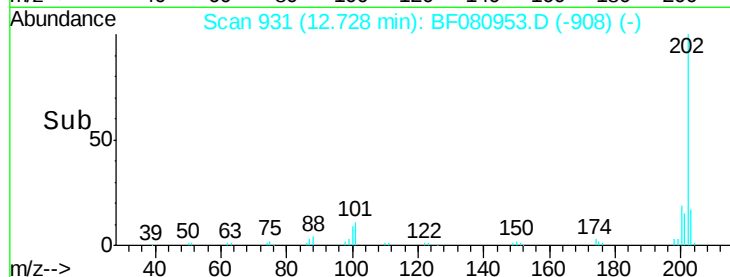
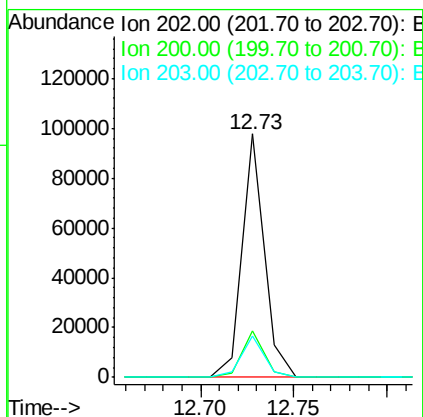
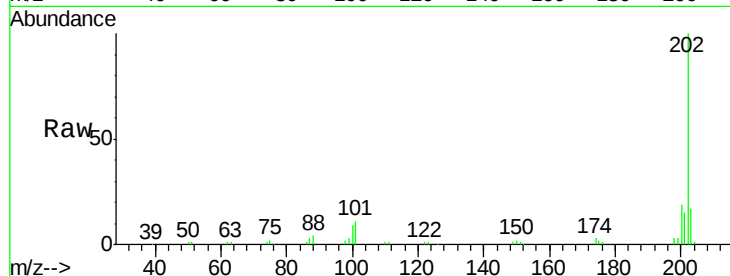




#77
Pvrene
Concen: 15.83 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

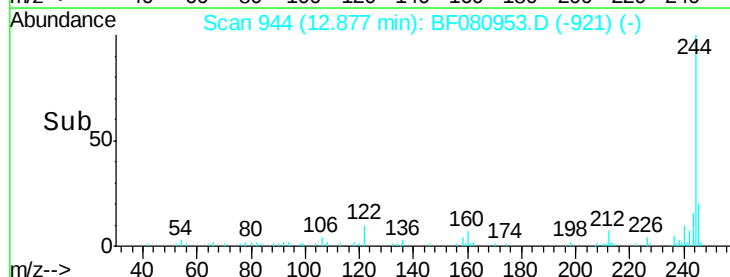
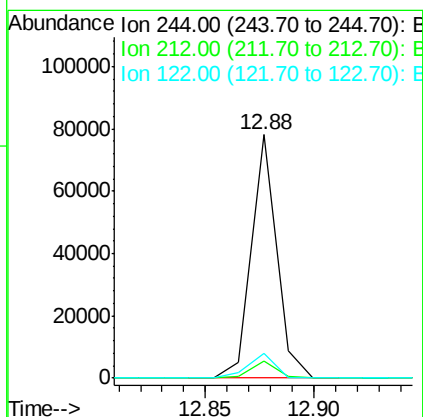
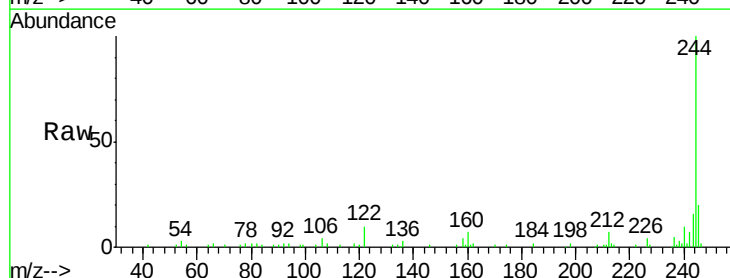
Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:202 Resp: 81705
Ion Ratio Lower Upper
202 100
200 18.9 16.6 24.8
203 16.8 14.2 21.2



#78
Terphenyl-d14
Concen: 18.62 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:244 Resp: 62998
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.0 9.4 14.2

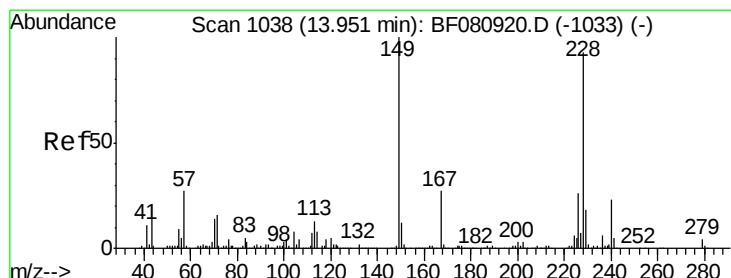
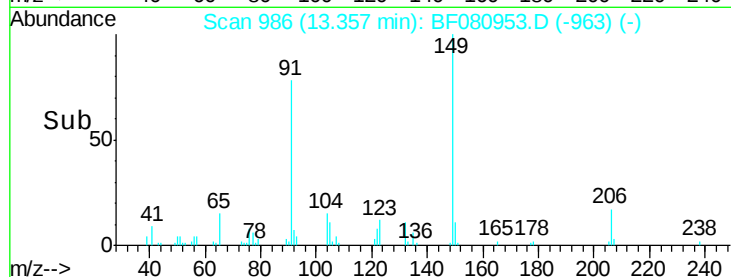
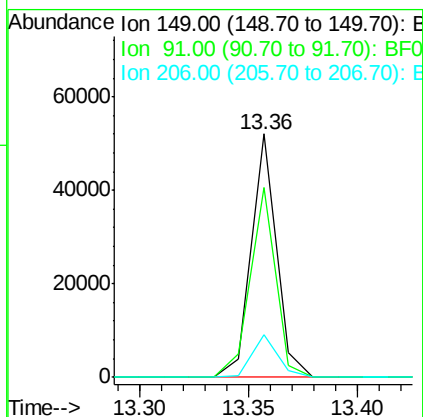
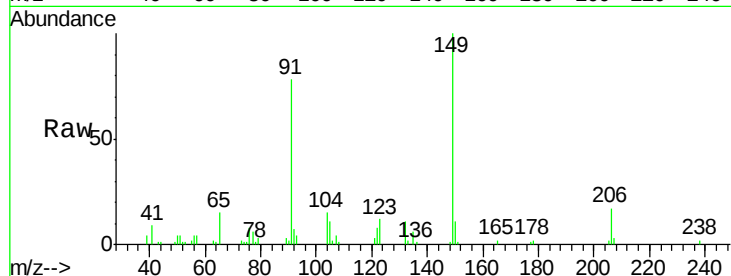




#79
Butylbenzylphthalate
Concen: 16.86 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

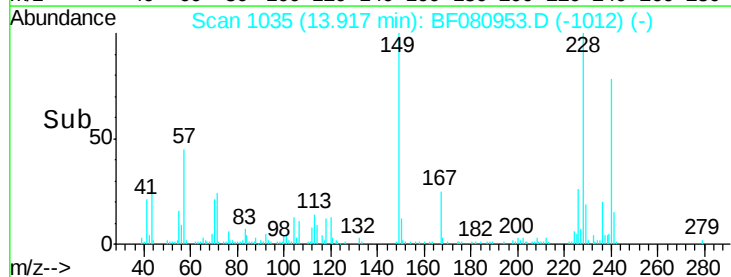
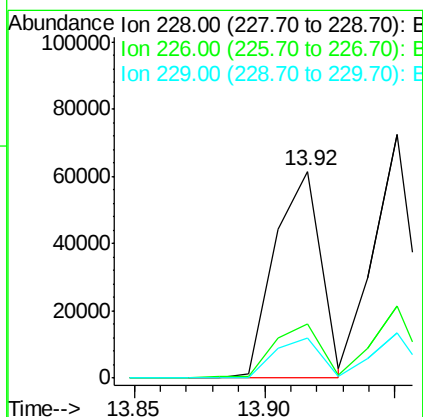
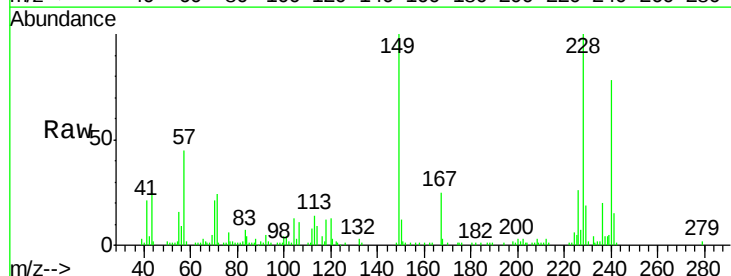
Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.8	47.2	70.8
206	17.4	16.5	24.7



#80
Benzo(a)anthracene
Concen: 17.06 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.2	33.2
229	19.6	15.8	23.6

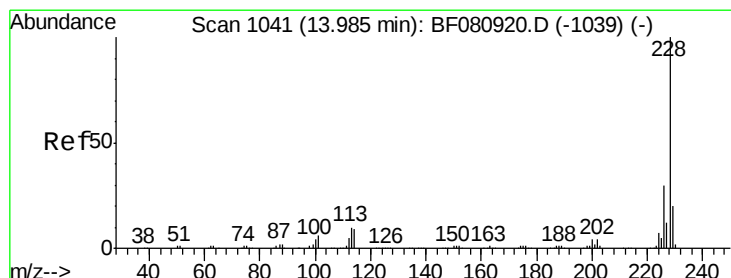
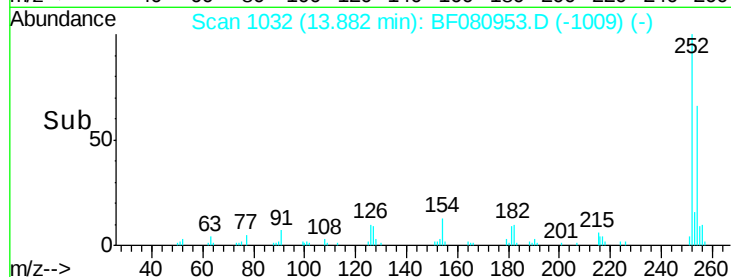
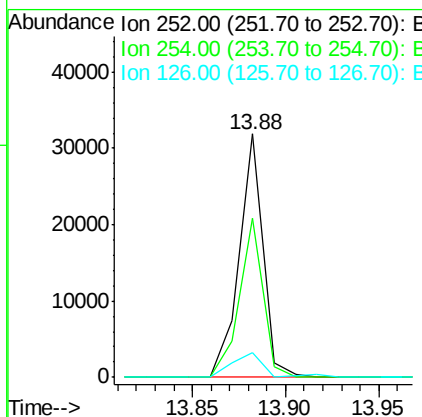
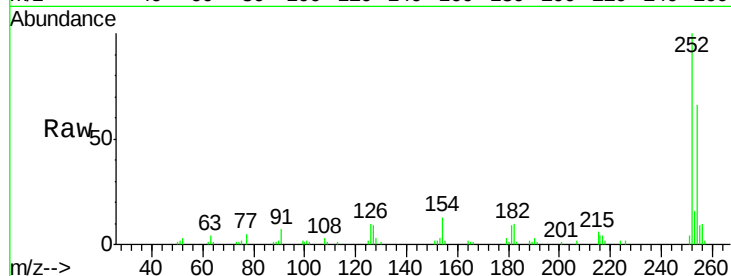




#81
 3,3'-Dichlorobenzidine
 Concen: 17.82 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

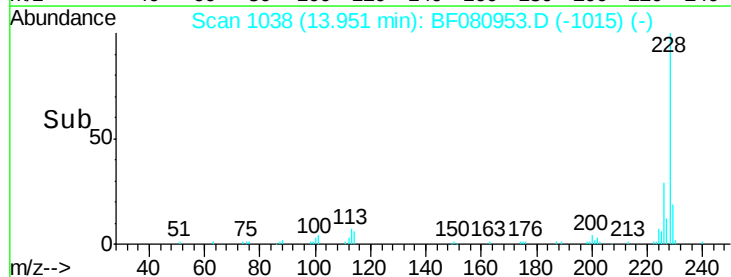
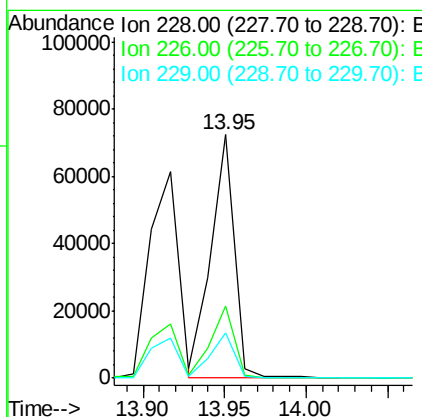
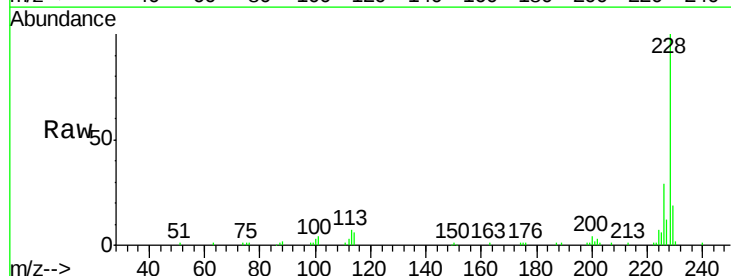
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:252 Resp: 28613
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.7 77.5
 126 10.3 7.1 10.7



#82
 Chrysene
 Concen: 17.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:228 Resp: 72874
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.9 35.9
 229 18.7 15.8 23.6

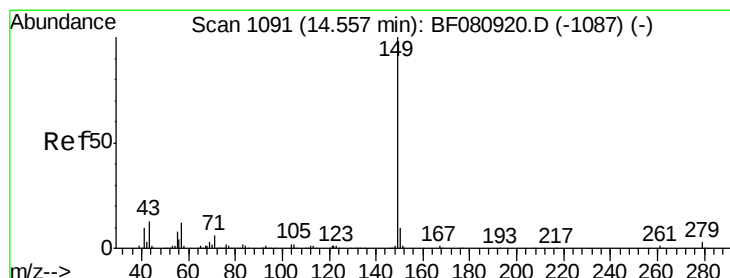
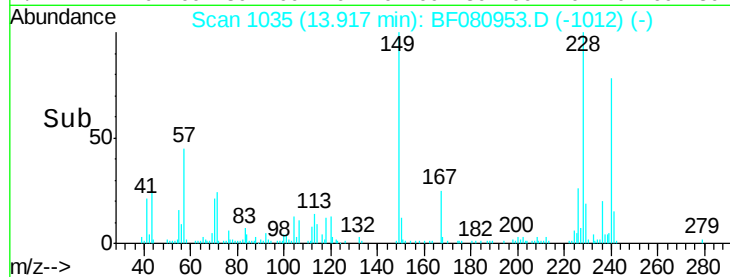
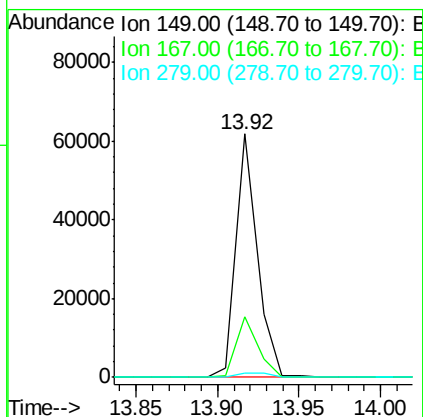
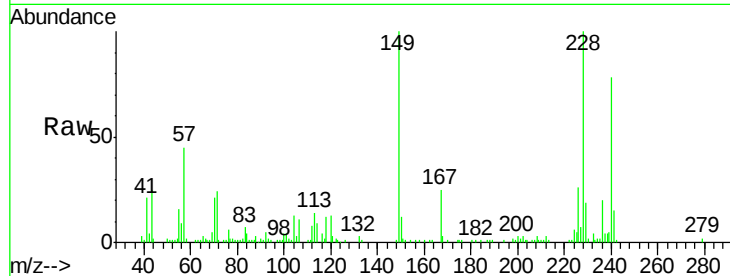




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.02 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

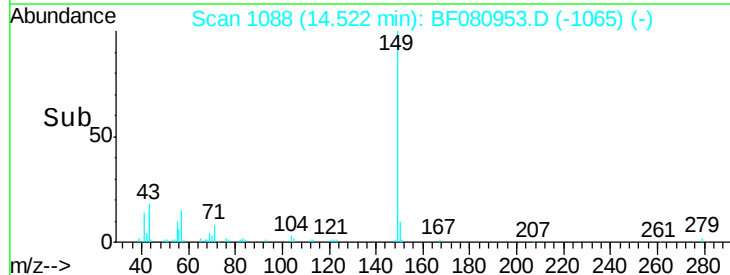
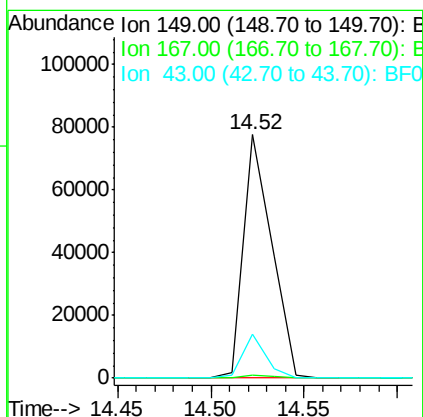
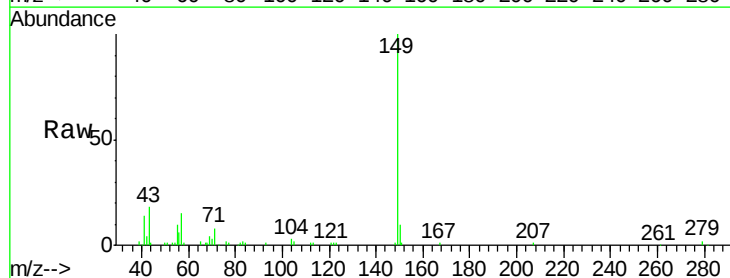
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:149 Resp: 55453
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 1.7 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 13.96 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:149 Resp: 81965
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 15.2 11.0 16.4

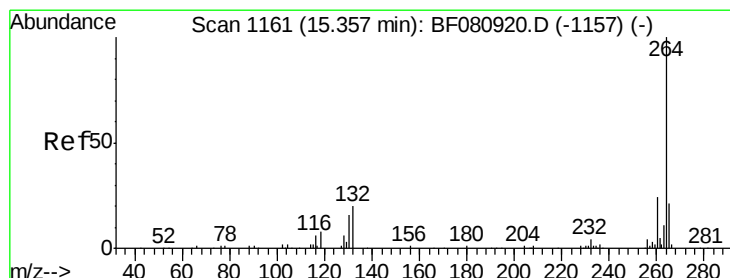
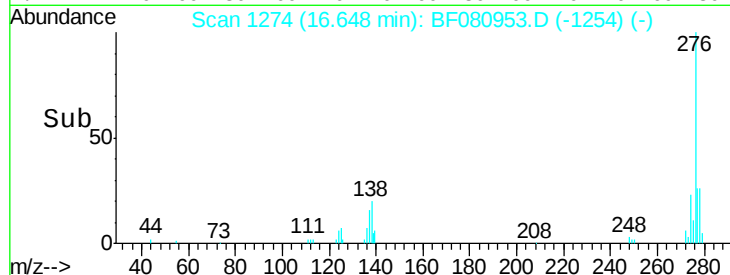
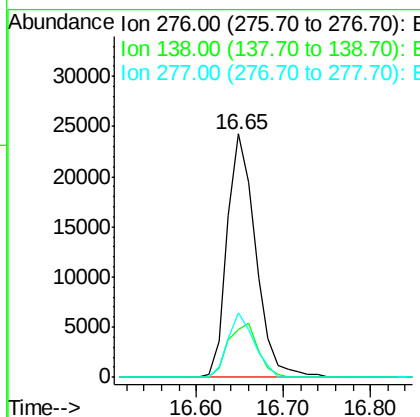
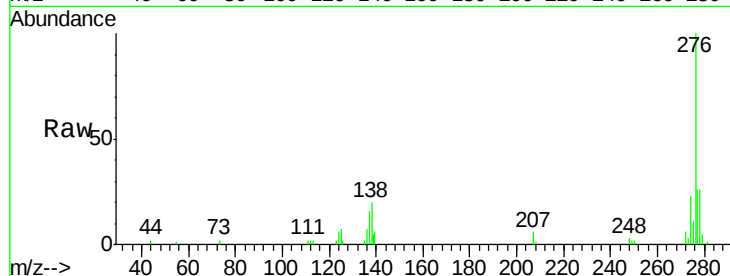




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.77 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

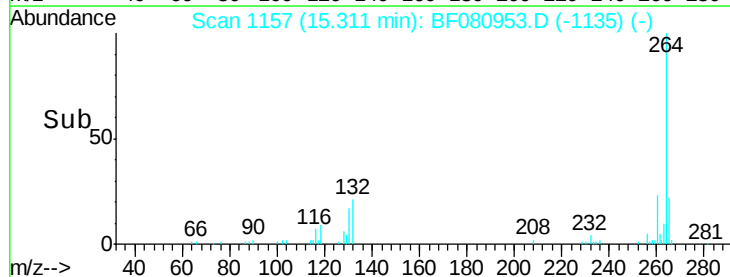
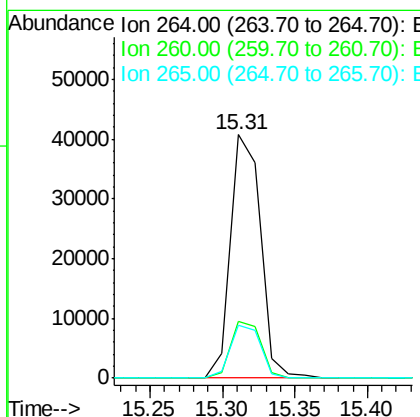
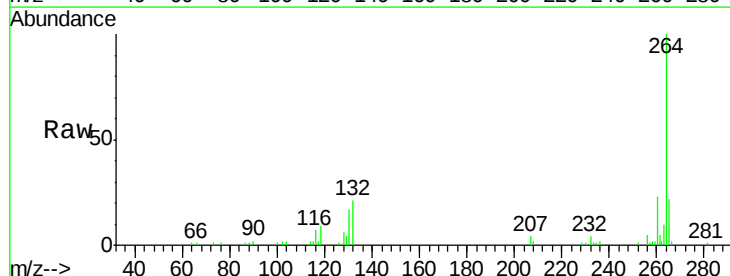
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:276 Resp: 55371
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.9 29.9
 277 24.5 19.7 29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF080953.D
 Acq: 10 Aug 2015 16:01

Tgt Ion:264 Resp: 58324
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.8 17.0 25.4

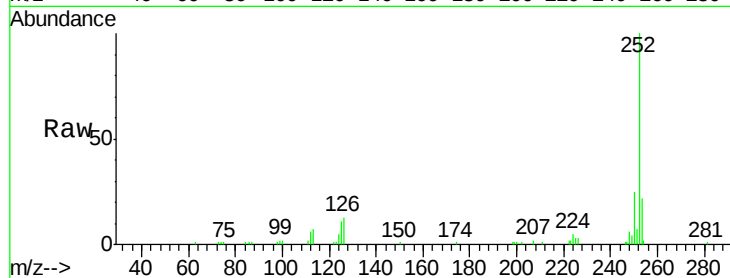




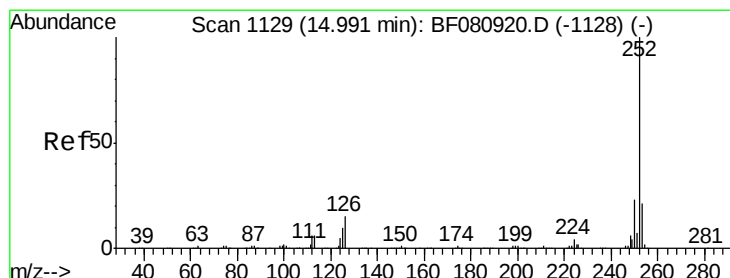
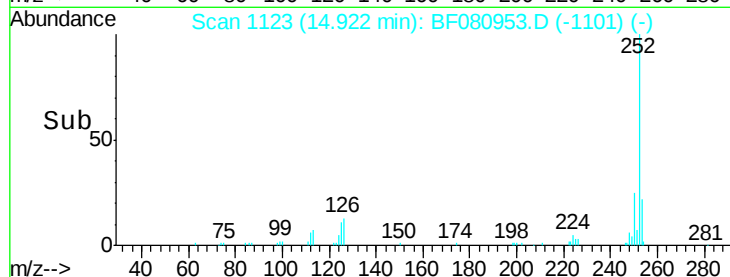
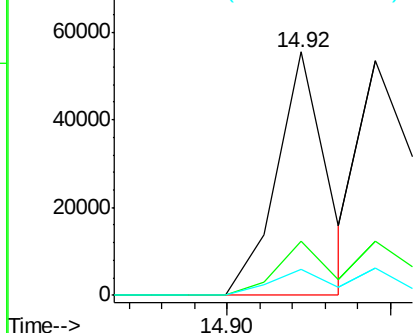
#87
Benzo(b)fluoranthene
Concen: 14.40 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:252 Resp: 58409
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.8 6.1 9.1#

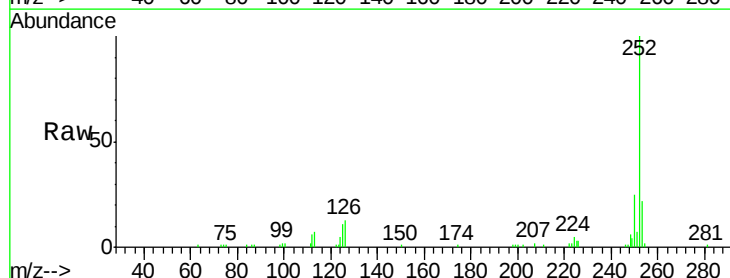


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

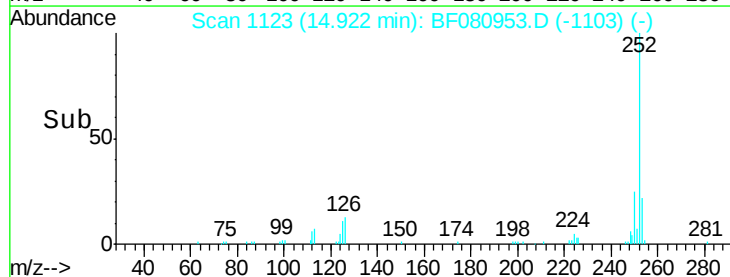
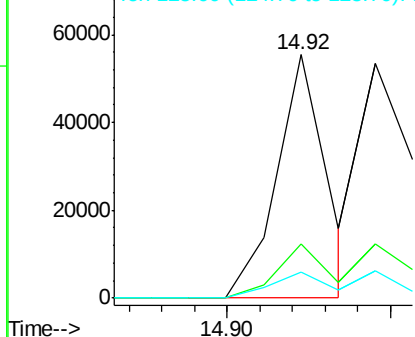


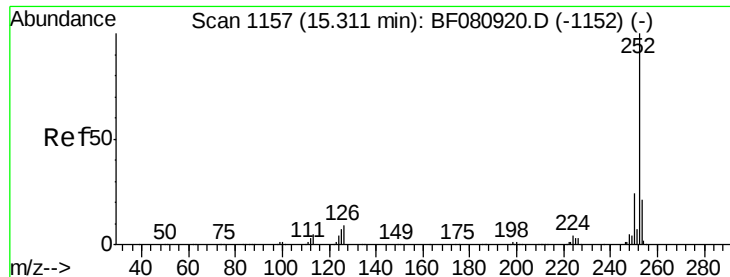
#88
Benzo(k)fluoranthene
Concen: 16.46 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.07 min
Lab File: BF080953.D
Acq: 10 Aug 2015 16:01

Tgt Ion:252 Resp: 58409
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.16 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.06 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

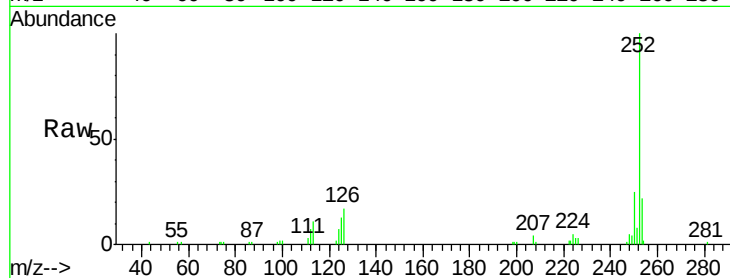
Tot Ion:252 Resp: 59830

Ion Ratio Lower Upper

252 100

253 22.5 16.9 25.3

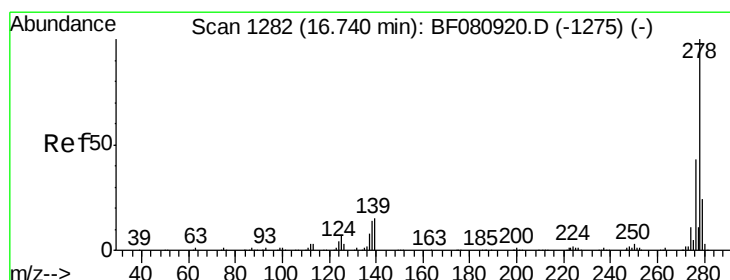
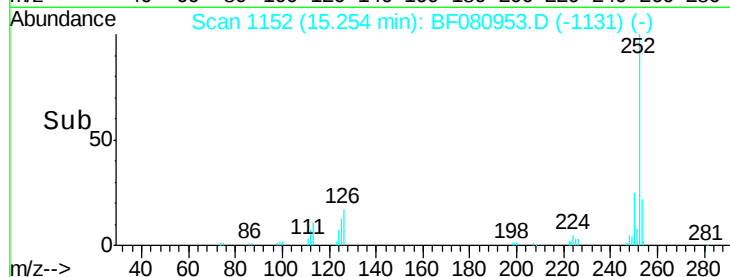
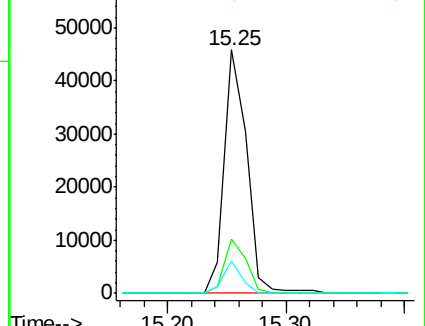
125 13.5 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 15.75 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.07 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

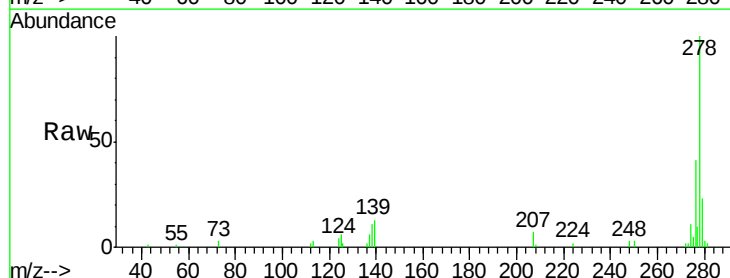
Tgt Ion:278 Resp: 48566

Ion Ratio Lower Upper

278 100

139 13.4 11.9 17.9

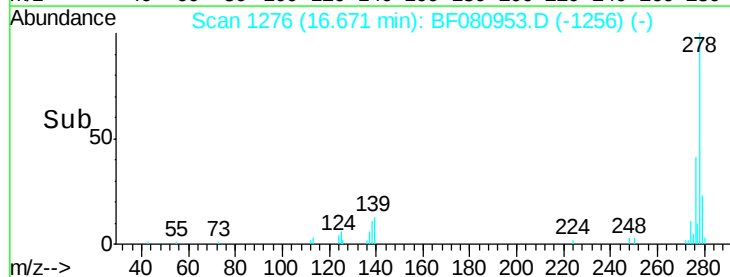
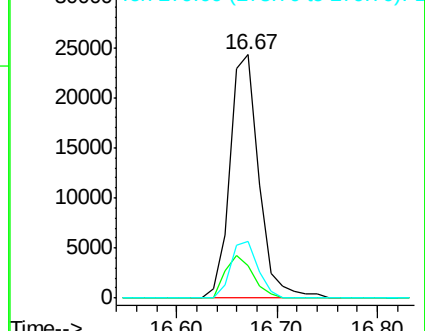
279 23.3 19.0 28.6

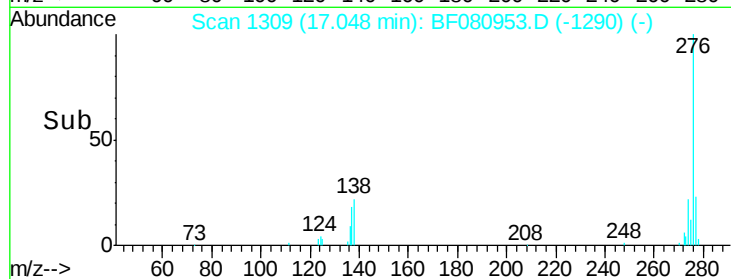
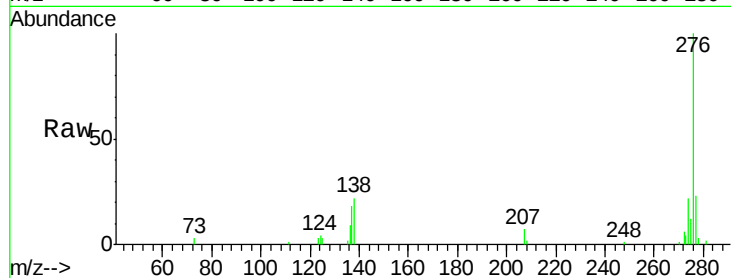
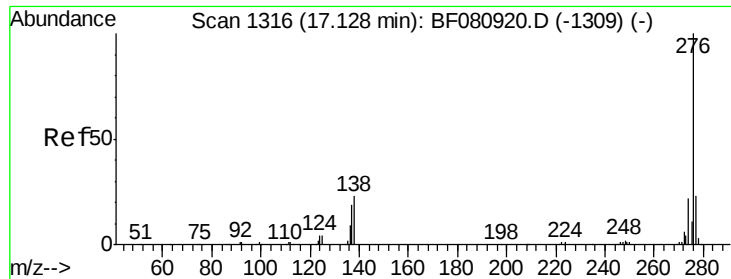


Abundance Ion 278.00 (277.70 to 278.70): E

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: 15.26 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF080953.D

Acq: 10 Aug 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB84907BS

Tot Ion:276 Resp: 45763

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 21.9 18.4 27.6

