

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079650.D
 Acq On : 31 May 2015 23:25
 Operator : TP/IZ
 Sample : G2427-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

Quant Time: Jun 01 05:34:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	64721	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	272005	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	135715	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	266195	20.00	ng	0.00
75) Chrysene-d12	15.75	240	278248	20.00	ng	0.00
86) Perylene-d12	17.45	264	295579	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	309315	82.89	ng	0.02
7) Phenol-d6	6.51	99	425226	89.41	ng	0.01
23) Nitrobenzene-d5	7.61	82	253651	53.91	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	126183	84.65	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	519872	54.65	ng	0.00
78) Terphenyl-d14	14.48	244	621857	52.45	ng	0.01

Target Compounds

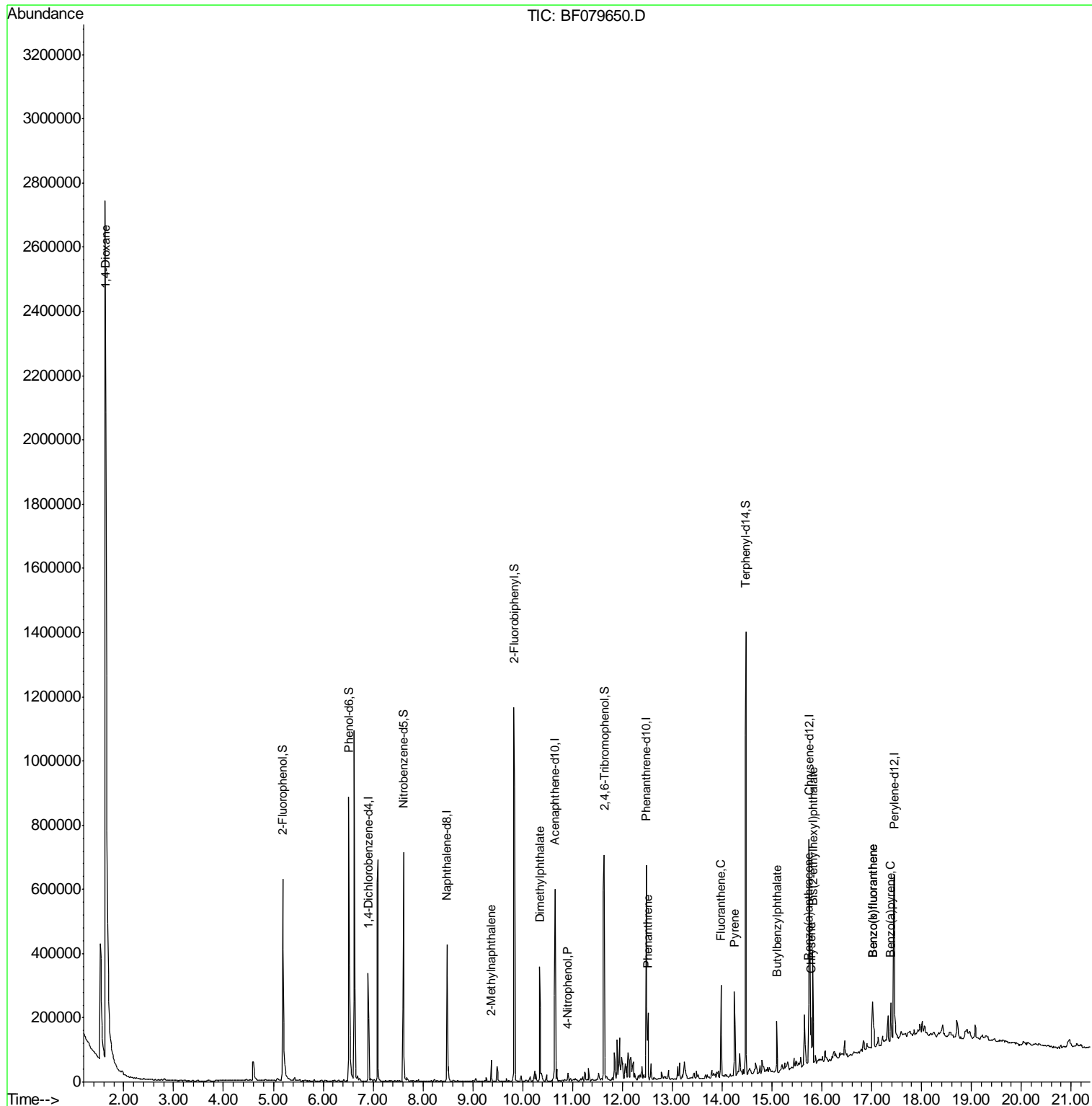
						Qvalue
2) 1,4-Dioxane	1.63	88	139481	78.58	ng	# 100
9) Benzaldehyde	6.41	77	234	Below Cal		# 1
37) 2-Methylnaphthalene	9.37	142	19271	2.13	ng	98
49) Dimethylphthalate	10.34	163	194634	19.46	ng	100
55) 4-Nitrophenol	10.90	139	3799	2.64	ng	# 12
70) Phenanthrene	12.51	178	99064	6.78	ng	98
73) Di-n-butylphthalate	13.25	149	8087	Below Cal		# 90
74) Fluoranthene	13.98	202	135545	8.66	ng	95
77) Pyrene	14.25	202	126460	7.34	ng	# 95
79) Butylbenzylphthalate	15.10	149	40281	5.20	ng	98
80) Benzo(a)anthracene	15.74	228	69900	4.37	ng	96
82) Chrysene	15.78	228	61196	4.02	ng	99
83) Bis(2-ethylhexyl)phthalate	15.82	149	106063	9.55	ng	98
87) Benzo(b)fluoranthene	17.02	252	106361	6.31	ng	# 97
88) Benzo(k)fluoranthene	17.02	252	106892	7.09	ng	# 95
89) Benzo(a)pyrene	17.38	252	57799	2.08	ng	# 96
90) Dibenzo(a,h)anthracene	18.73	278	11944	Below Cal		# 83
91) Benzo(g,h,i)perylene	19.07	276	36315	Below Cal		96

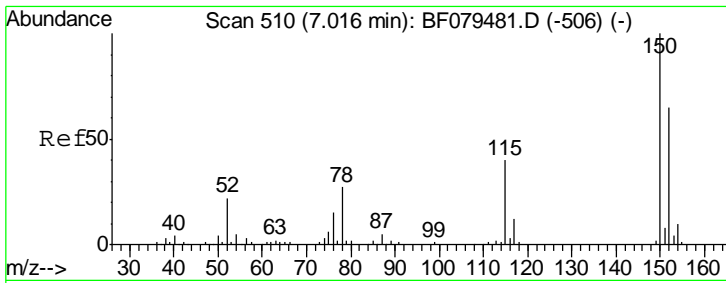
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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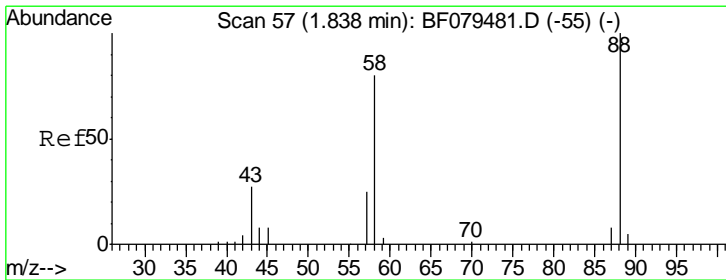
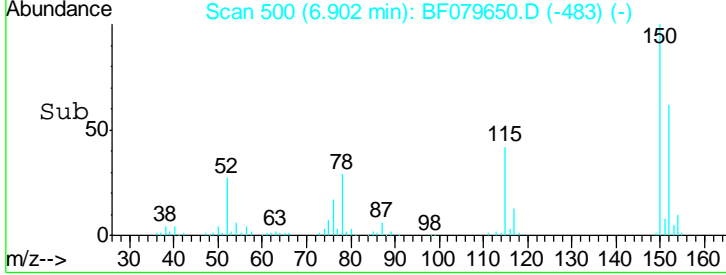
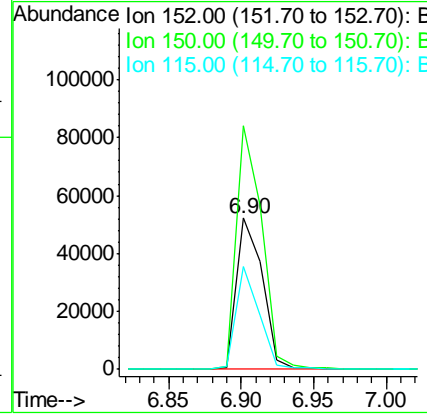
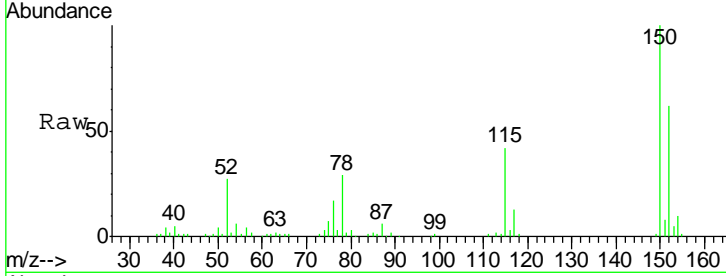




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

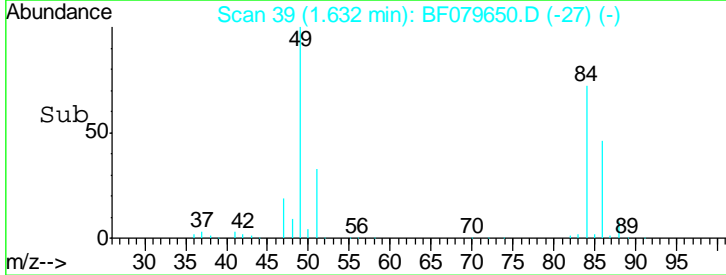
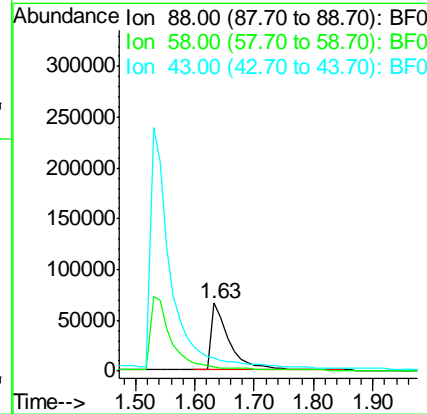
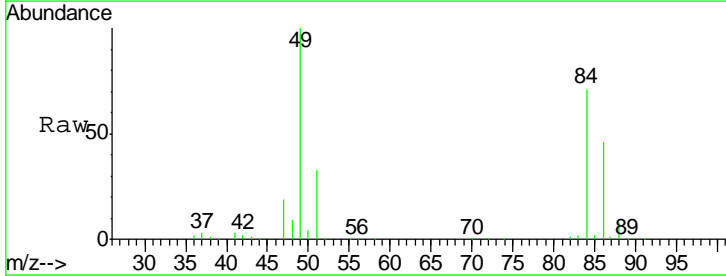
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

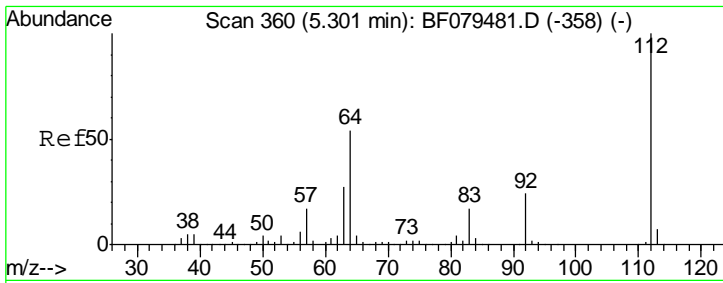
Tgt Ion	Resp	Lower	Upper
152	64721		
152	100		
150	160.9	124.0	186.0
115	67.7	49.6	74.4



#2
 1,4-Dioxane
 Concen: 78.58 ng
 RT: 1.63 min Scan# 39
 Delta R.T. -0.06 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
88	139481		
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0

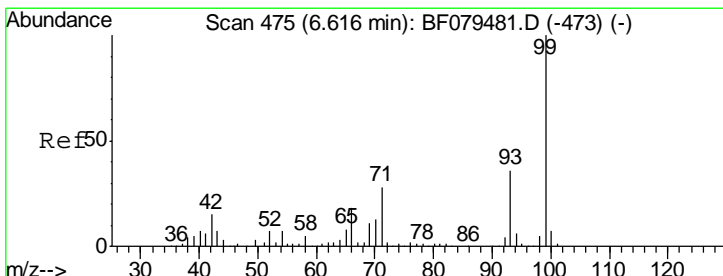
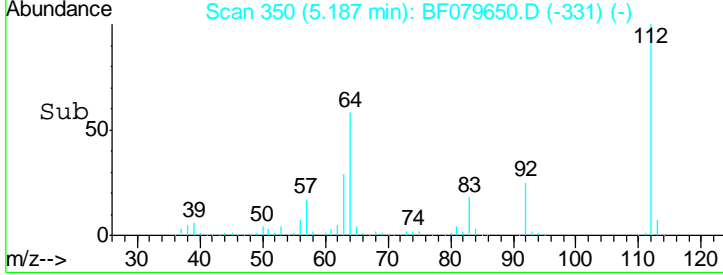
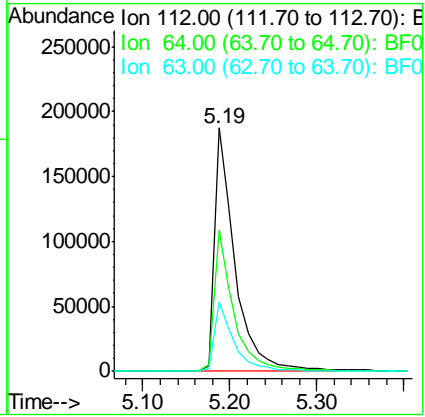
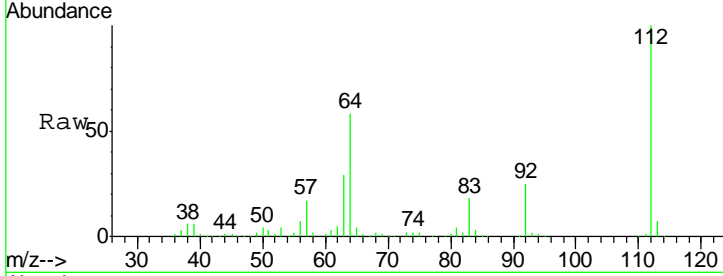




#5
 2-Fluorophenol
 Concen: 82.89 ng
 RT: 5.19 min Scan# 350
 Delta R.T. 0.02 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

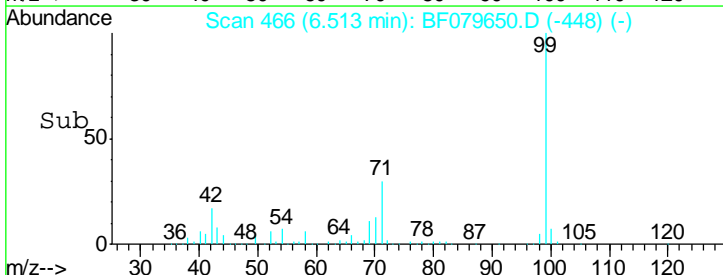
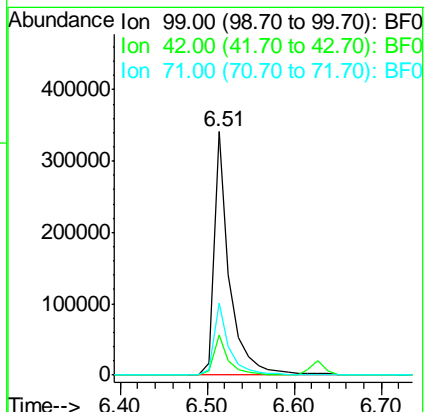
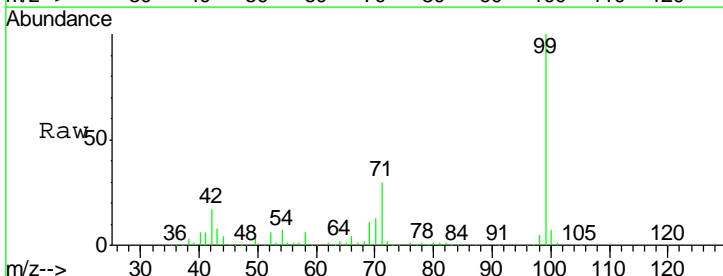
Instrument :
 BNA_F
ClientSampleId :
 HB-9A-DEL3(0-2)

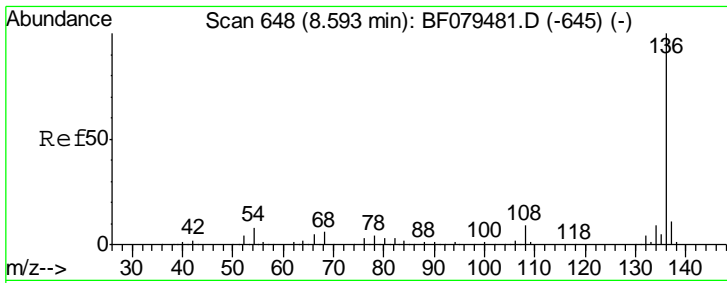
Tgt Ion	Resp	Lower	Upper
112	100		
64	58.0	43.5	65.3
63	28.8	21.8	32.8



#7
 Phenol-d6
 Concen: 89.41 ng
 RT: 6.51 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
99	100		
42	16.6	11.9	17.9
71	29.8	22.1	33.1



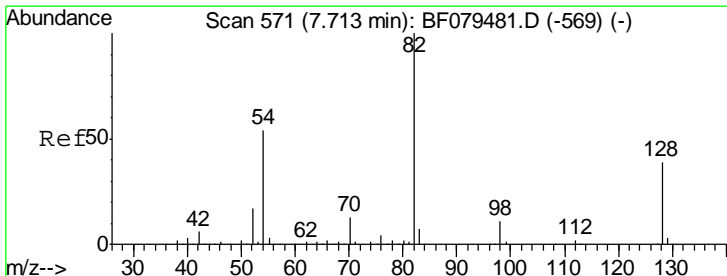
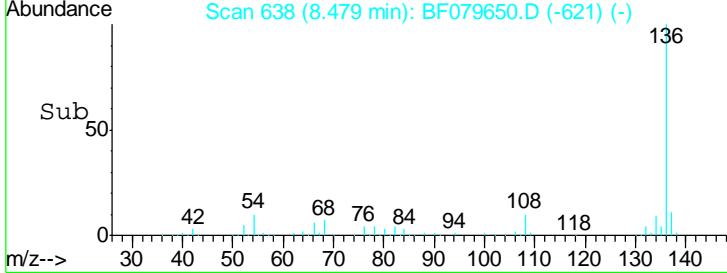
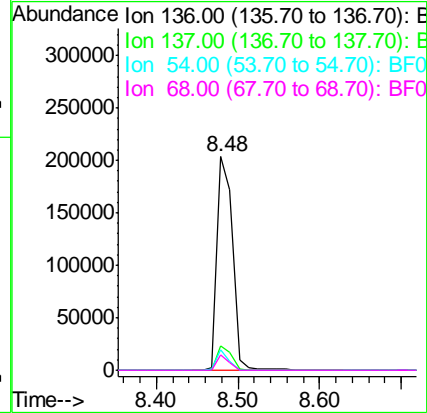
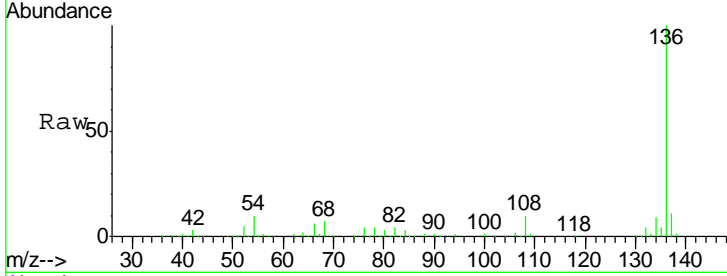


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.48 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Instrument :
 BNA_F
ClientSampleId :
 HB-9A-DEL3(0-2)

Tgt Ion: 136 Resp: 272005

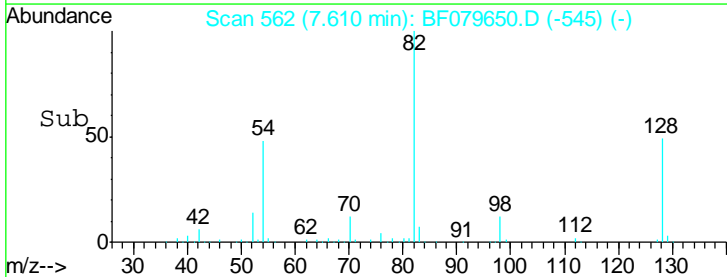
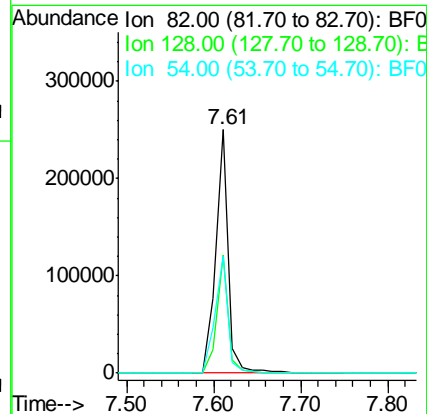
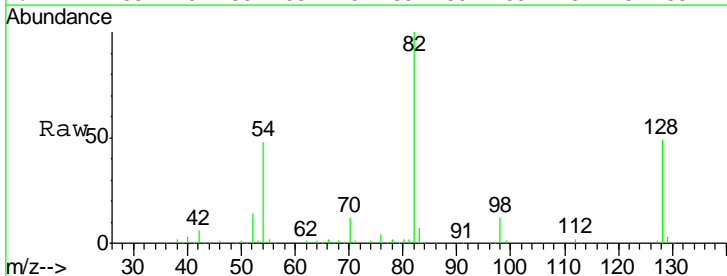
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.8	6.6	9.8
68	7.0	4.7	7.1

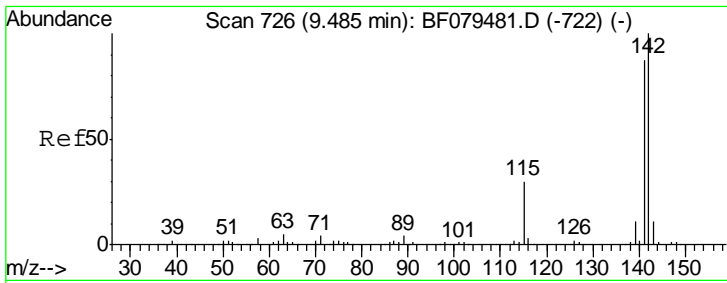


#23
 Nitrobenzene-d5
 Concen: 53.91 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion: 82 Resp: 253651

Ion	Ratio	Lower	Upper
82	100		
128	48.5	30.8	46.2#
54	47.9	42.8	64.2

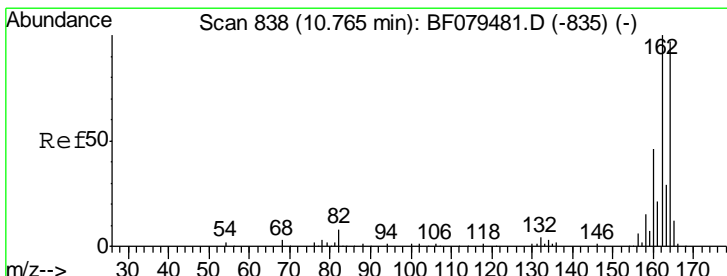
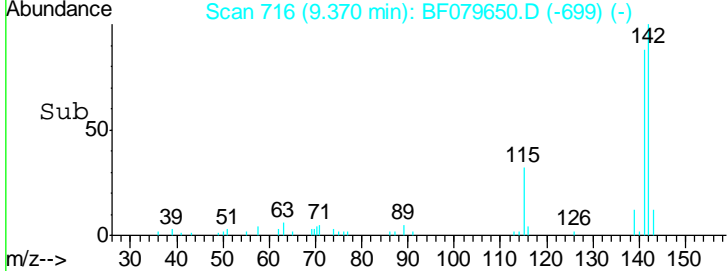
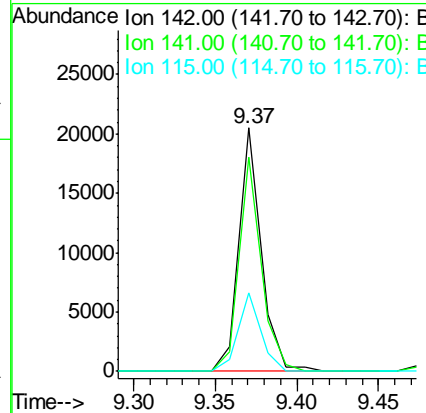
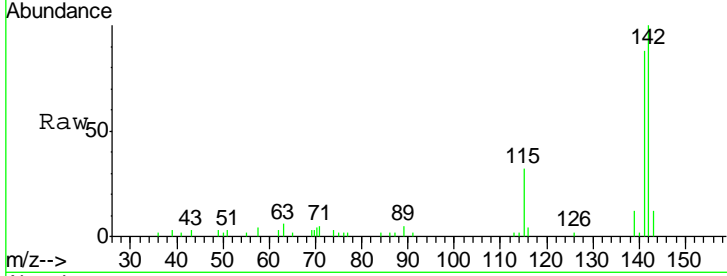




#37
 2-Methylnaphthalene
 Concen: 2.13 ng
 RT: 9.37 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

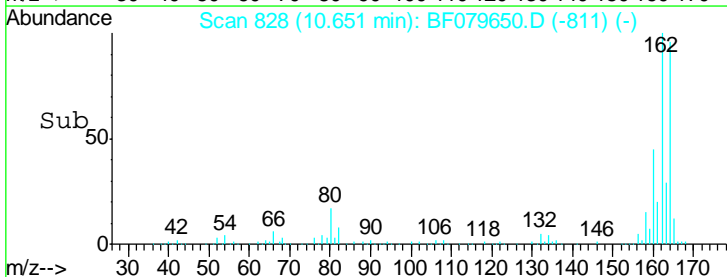
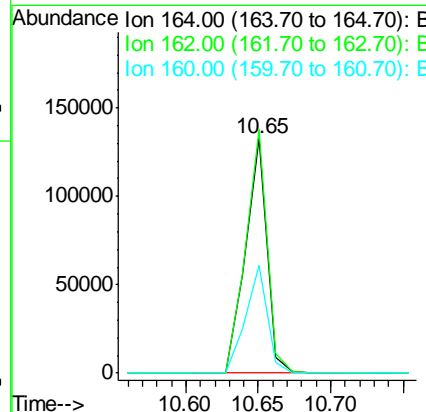
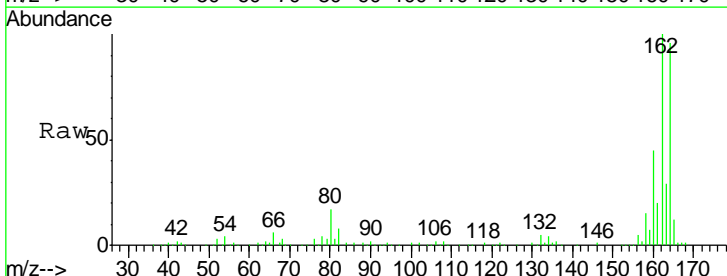
Instrument :
 BNA_F
 ClientSampled :
 HB-9A-DEL3(0-2)

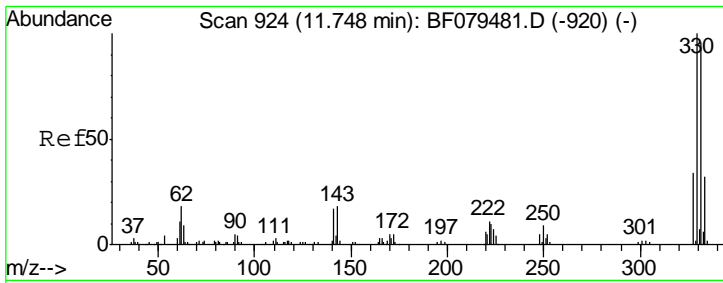
Tgt Ion	Resp	Lower	Upper
142	19271		
141	88.1	69.5	104.3
115	32.1	23.8	35.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
164	135715		
162	103.9	82.6	124.0
160	46.2	37.7	56.5

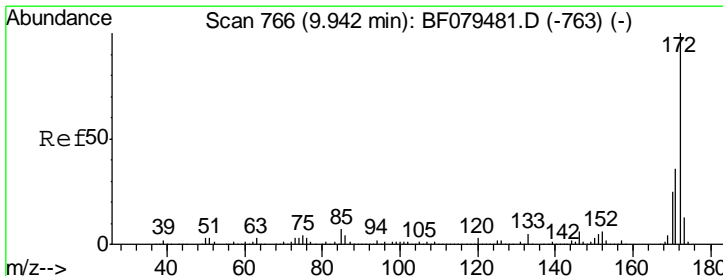
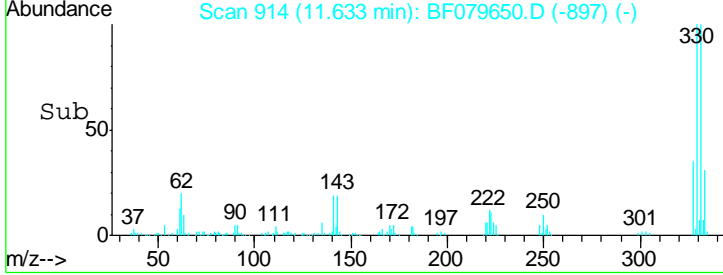
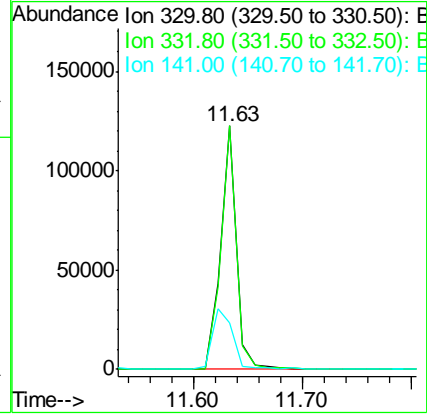
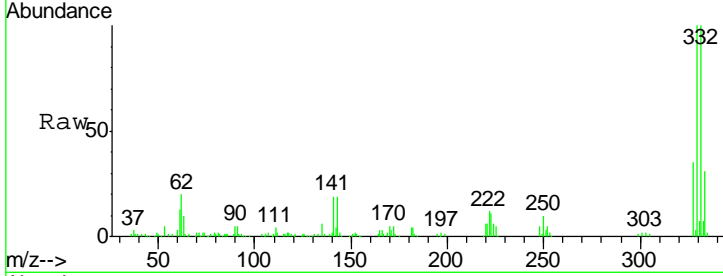




#41
 2,4,6-Tribromophenol
 Concen: 84.65 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

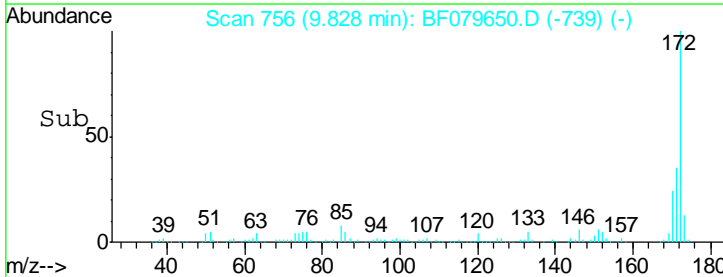
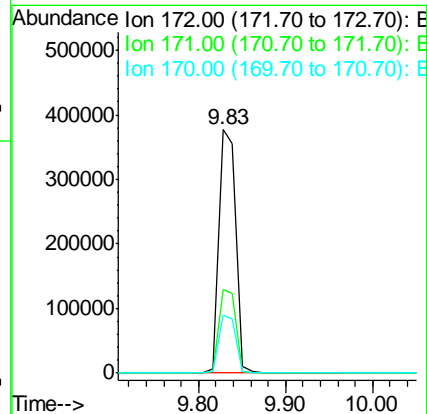
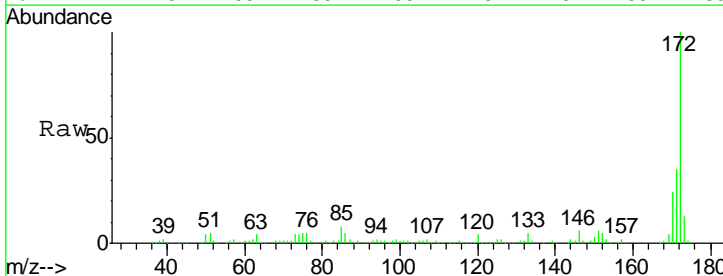
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 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

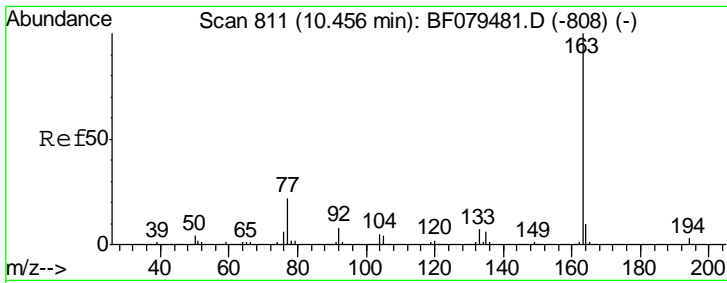
Tgt Ion	Resp	Lower	Upper
330	126183		
332	98.5	0.0	0.0#
141	33.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 54.65 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
172	519872		
171	34.6	28.5	42.7
170	24.0	19.7	29.5

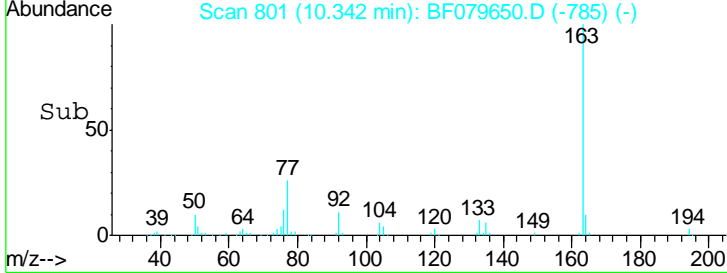
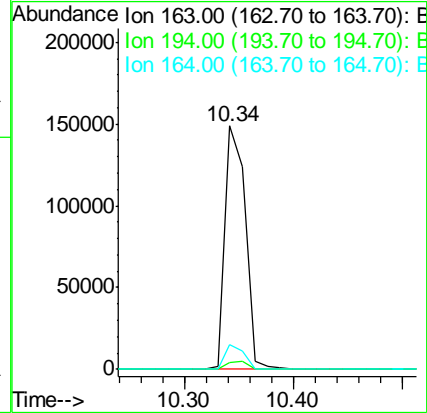
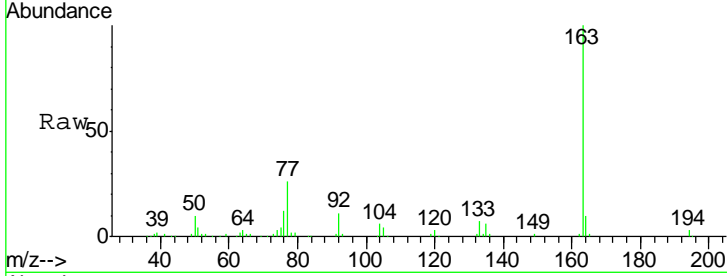




#49
 Dimethylphthalate
 Concen: 19.46 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

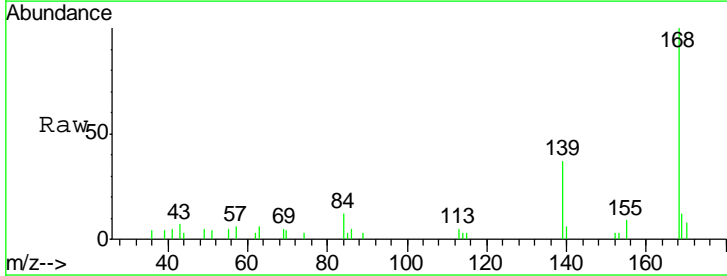
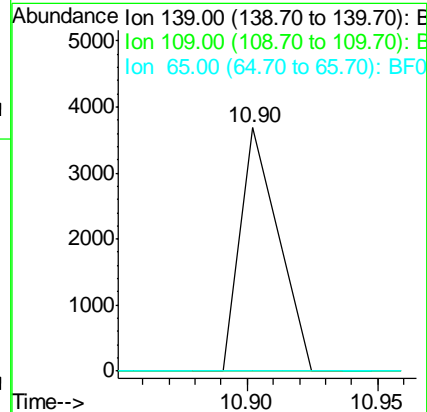
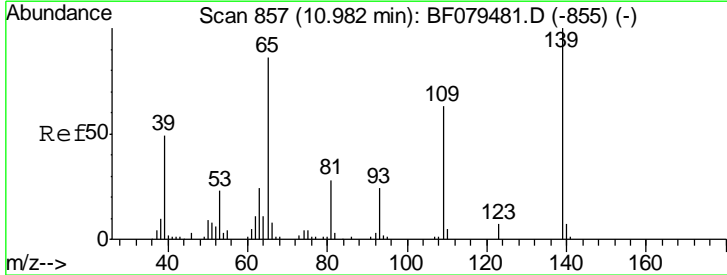
Instrument :
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 HB-9A-DEL3(0-2)

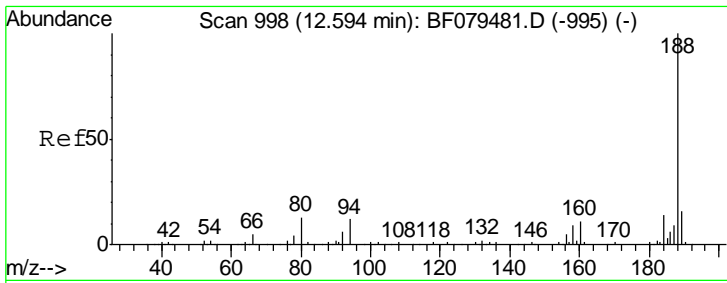
Tgt Ion	Resp	Lower	Upper
163	194634		
194	2.8	2.4	3.6
164	10.4	8.2	12.4



#55
 4-Nitrophenol
 Concen: 2.64 ng
 RT: 10.90 min Scan# 850
 Delta R.T. 0.03 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
139	3799		
109	0.0	42.8	82.8#
65	0.0	66.3	106.3#

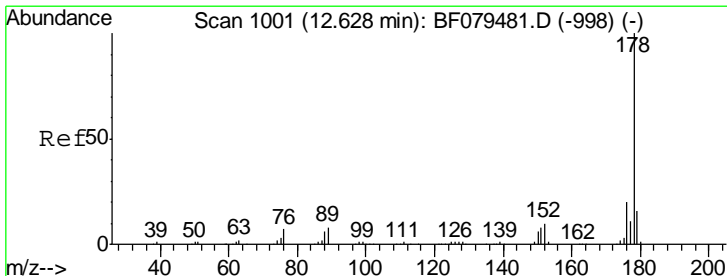
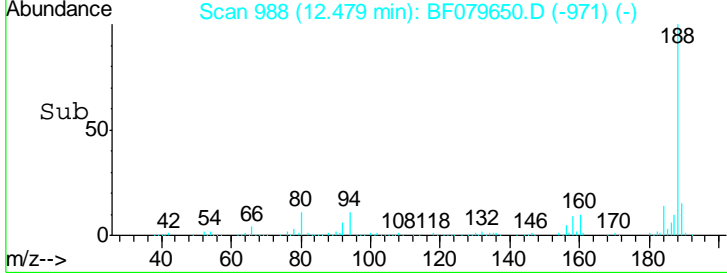
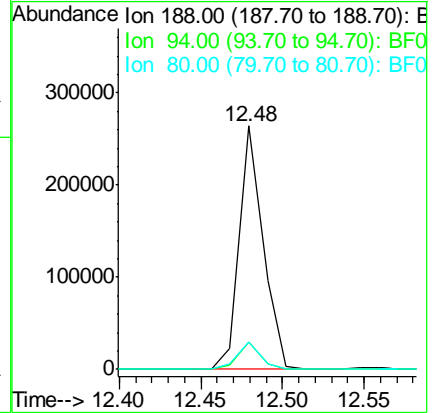
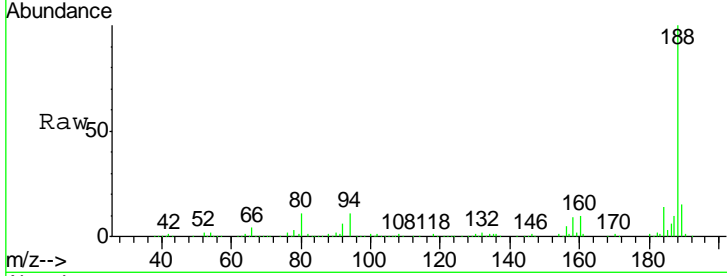




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

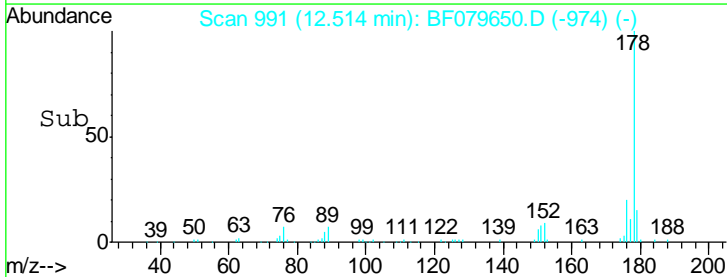
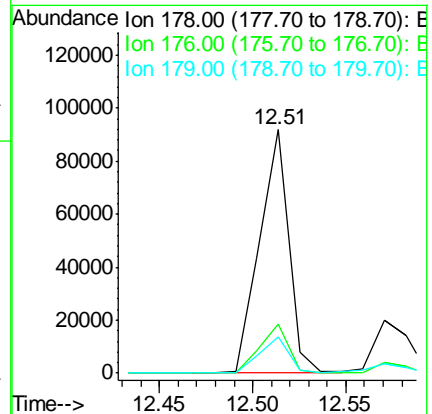
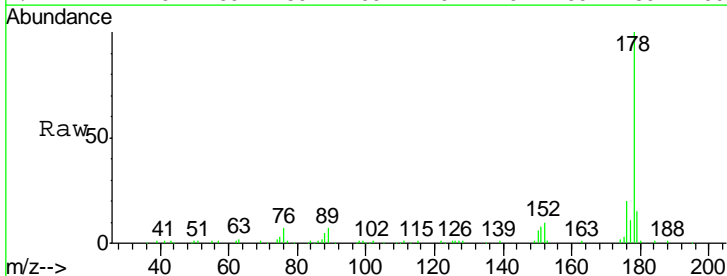
Instrument :
 BNA_F
 ClientSampled :
 HB-9A-DEL3(0-2)

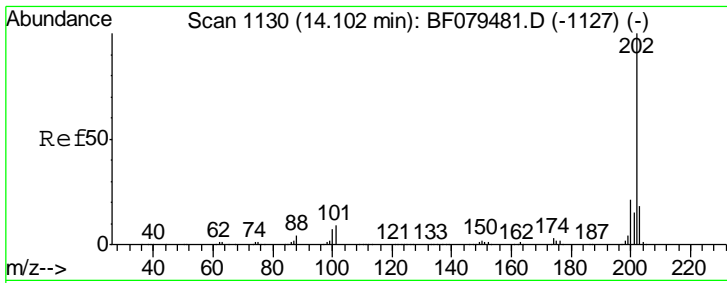
Tgt Ion	Resp	Lower	Upper
188	100		
94	11.2	9.8	14.6
80	11.3	10.5	15.7



#70
 Phenanthrene
 Concen: 6.78 ng
 RT: 12.51 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	14.8	12.4	18.6

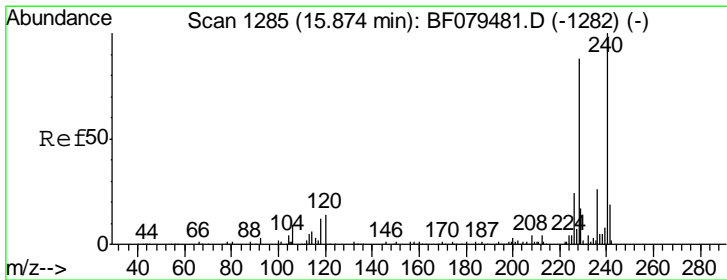
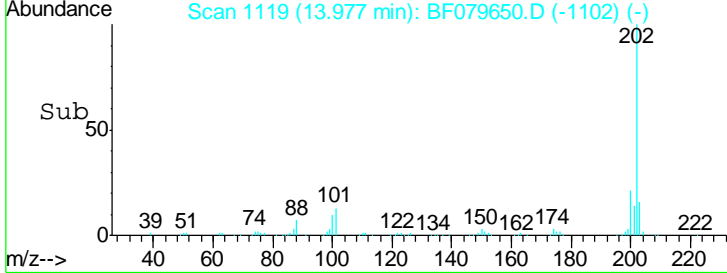
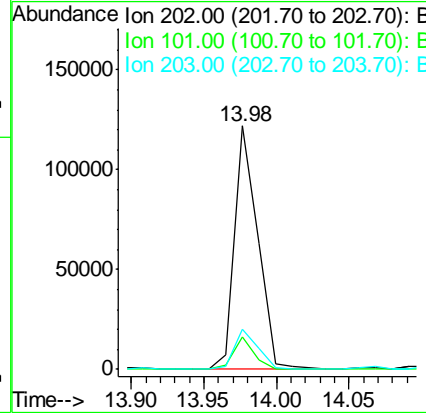
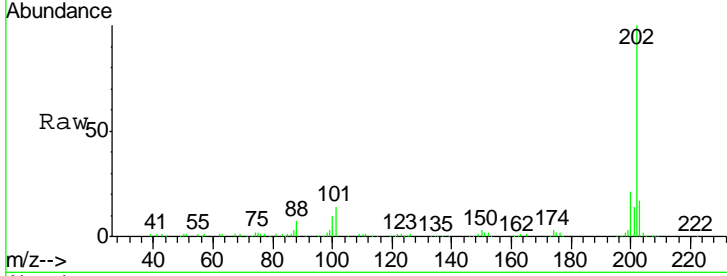




#74
 Fluoranthene
 Concen: 8.66 ng
 RT: 13.98 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

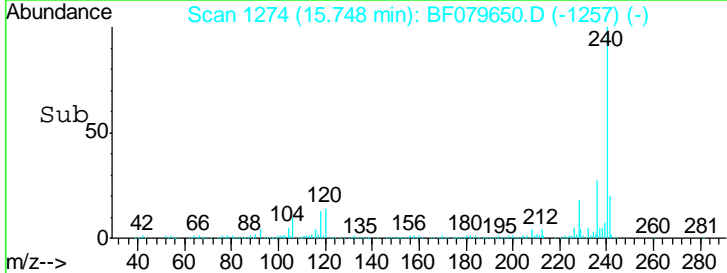
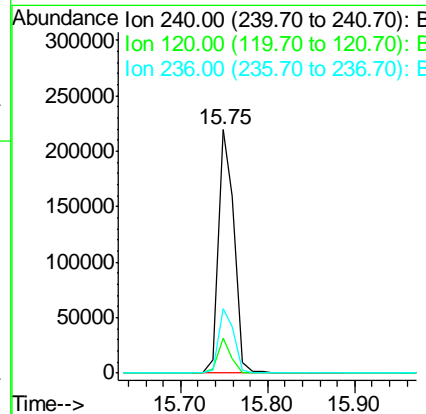
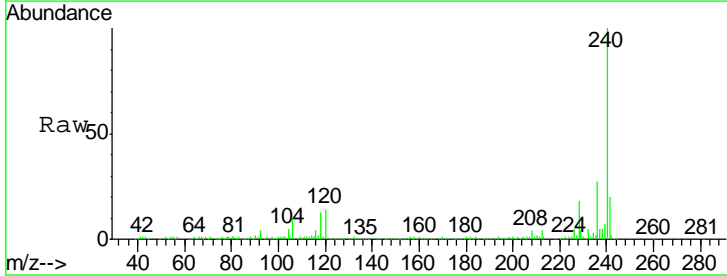
Instrument :
 BNA_F
 ClientSampled :
 HB-9A-DEL3(0-2)

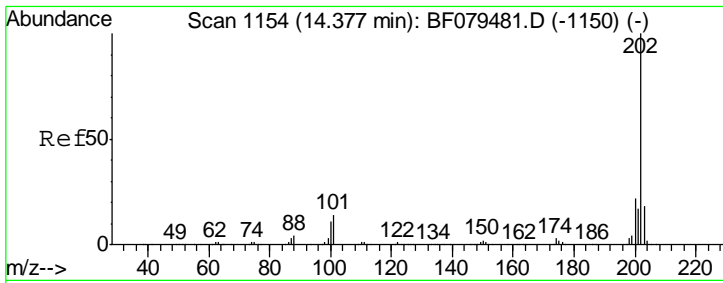
Tgt Ion	Resp	Lower	Upper
202	135545		
101	13.5	0.0	29.3
203	16.7	0.0	37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.75 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
240	278248		
120	14.2	10.8	16.2
236	26.5	21.0	31.6

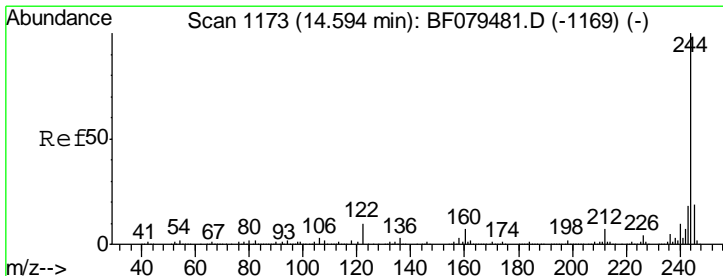
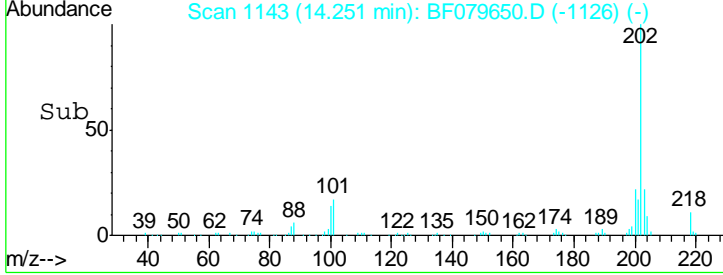
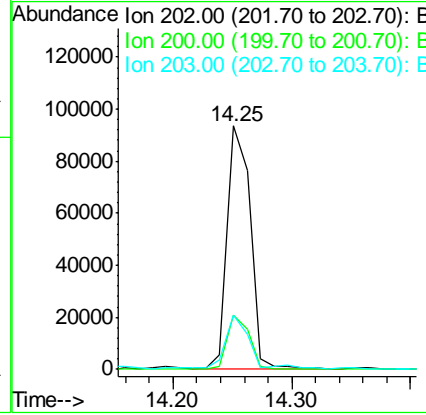
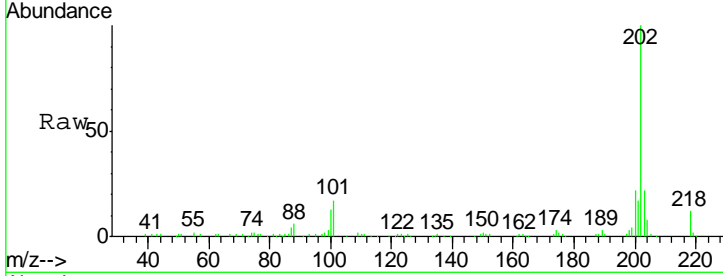




#77
 Pyrene
 Concen: 7.34 ng
 RT: 14.25 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

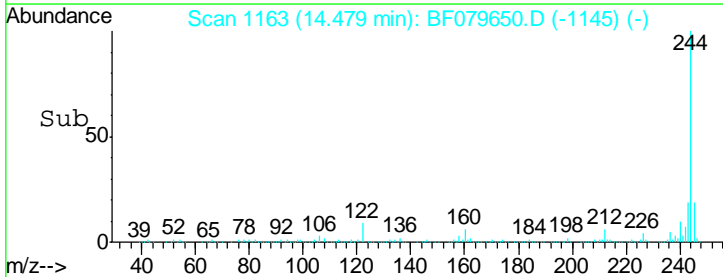
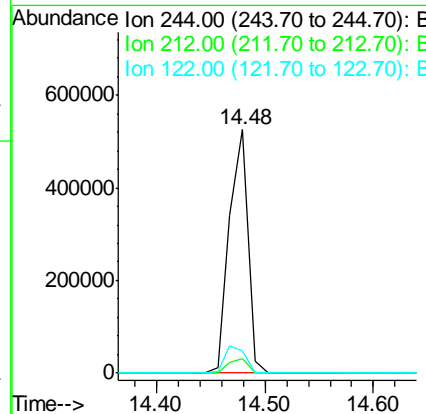
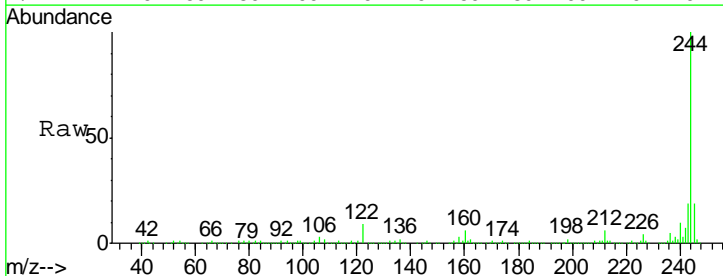
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

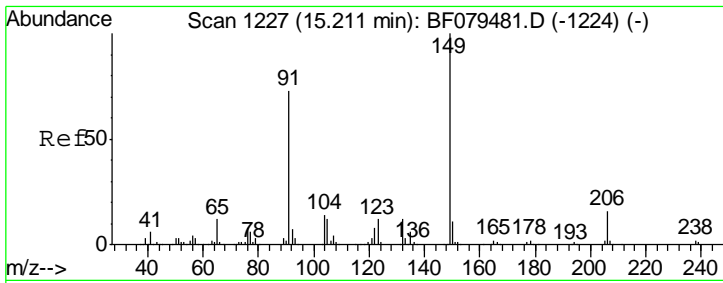
Tgt Ion	Resp	Lower	Upper
202	126460		
200	22.2	17.5	26.3
203	22.4	14.4	21.6



#78
 Terphenyl-d14
 Concen: 52.45 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
244	621857		
212	6.2	5.2	7.8
122	8.9	8.0	12.0

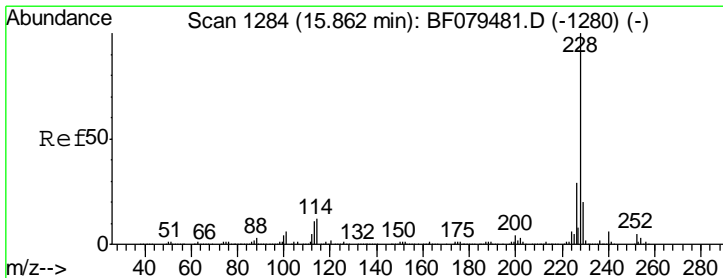
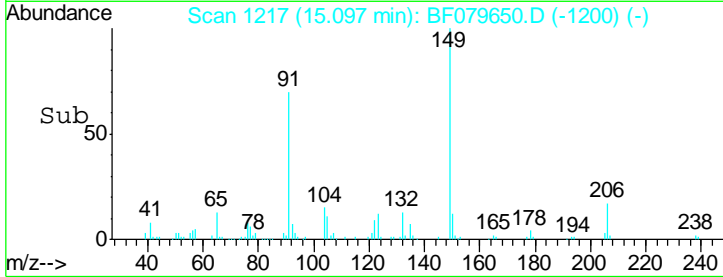
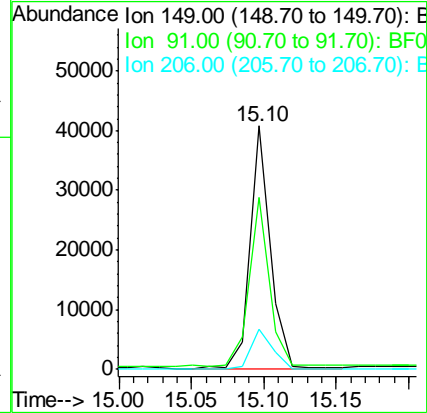
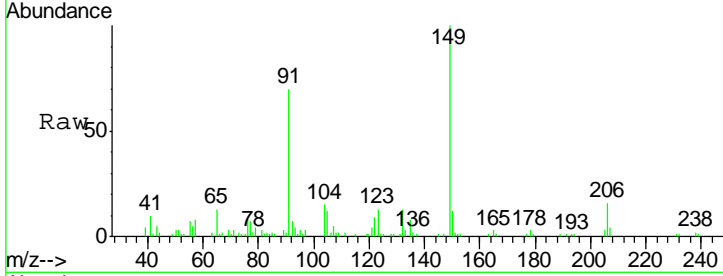




#79
 Butylbenzylphthalate
 Concen: 5.20 ng
 RT: 15.10 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

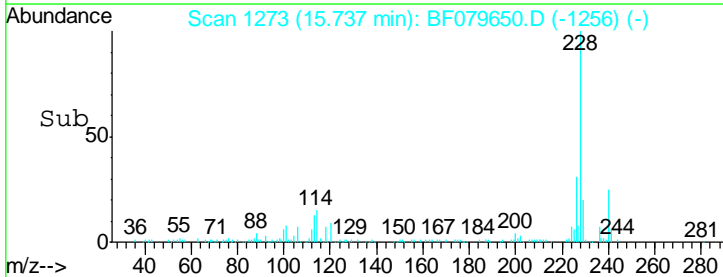
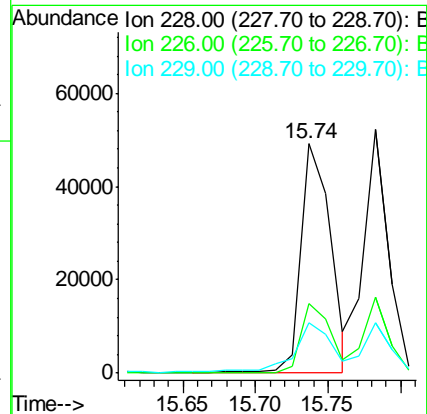
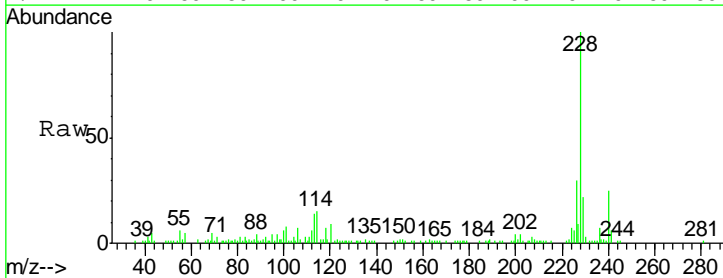
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

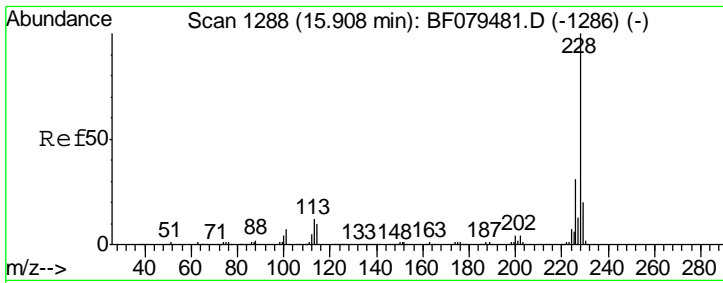
Tgt Ion	Resp	Lower	Upper
149	40281		
91	70.4	58.1	87.1
206	16.5	13.1	19.7



#80
 Benzo(a)anthracene
 Concen: 4.37 ng
 RT: 15.74 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
228	69900		
226	30.3	22.8	34.2
229	22.1	15.9	23.9

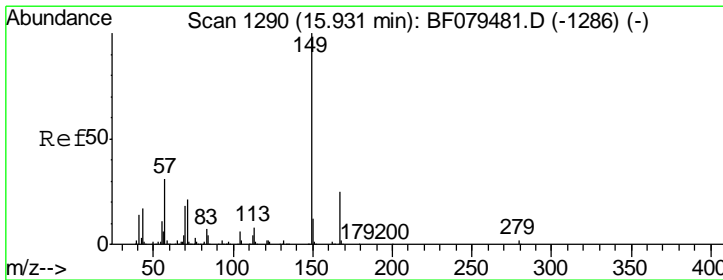
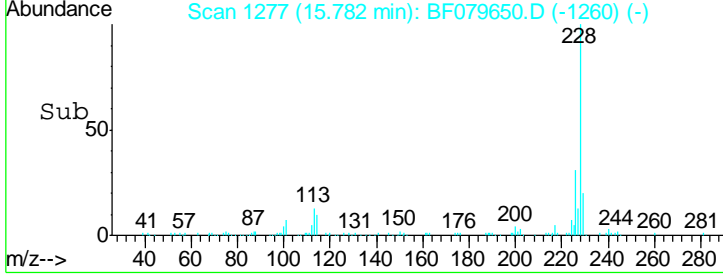
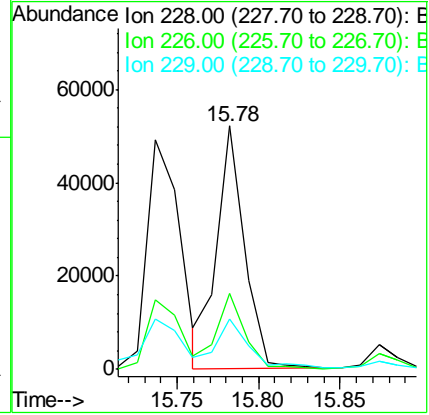
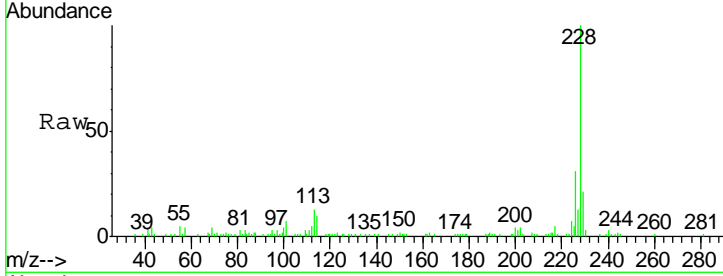




#82
 Chrysene
 Concen: 4.02 ng
 RT: 15.78 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

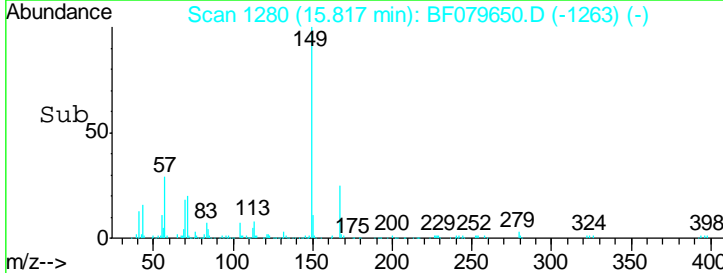
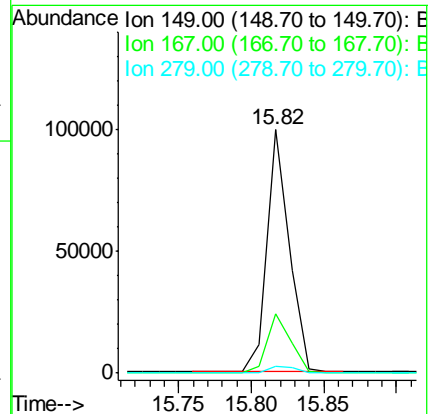
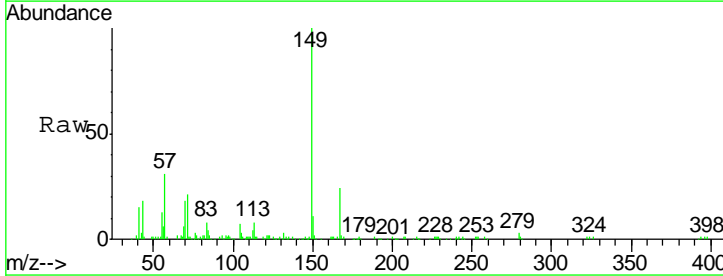
Instrument :
 BNA_F
 ClientSampled :
 HB-9A-DEL3(0-2)

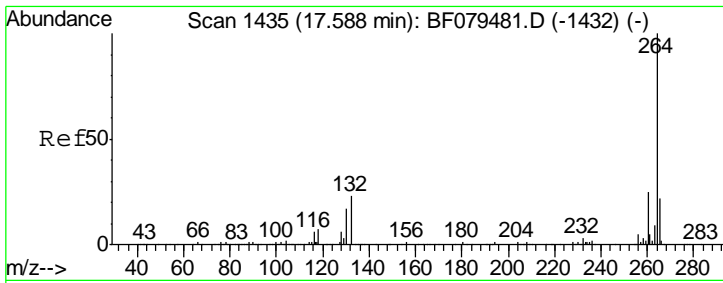
Tgt Ion	Resp	Lower	Upper
228	61196		
226	31.0	25.0	37.4
229	20.5	15.9	23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.55 ng
 RT: 15.82 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
149	106063		
167	24.4	20.2	30.4
279	2.8	2.0	3.0

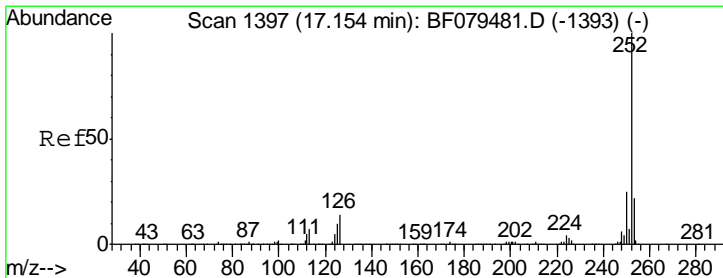
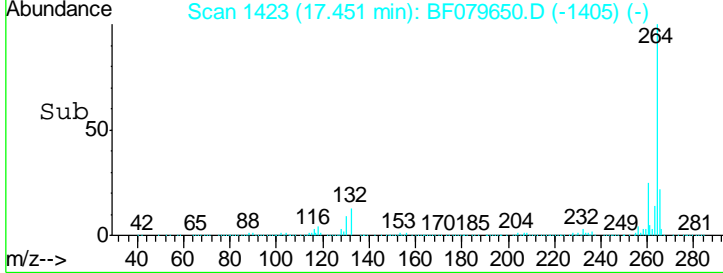
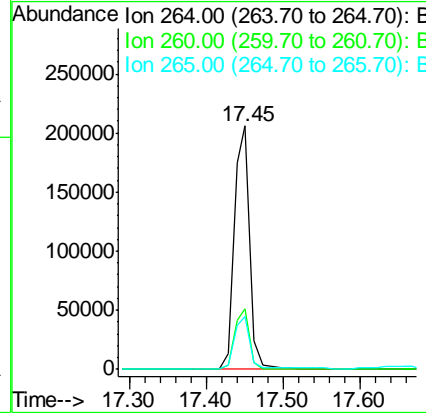
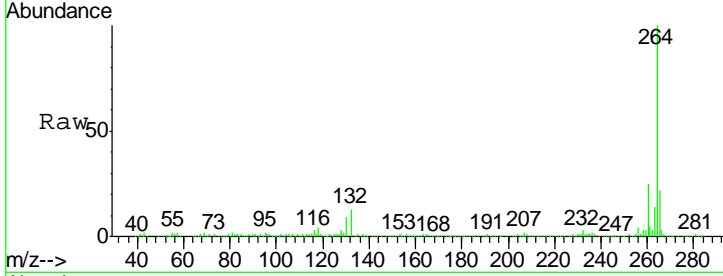




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.45 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

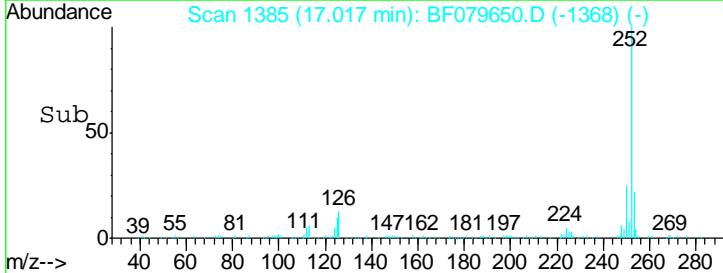
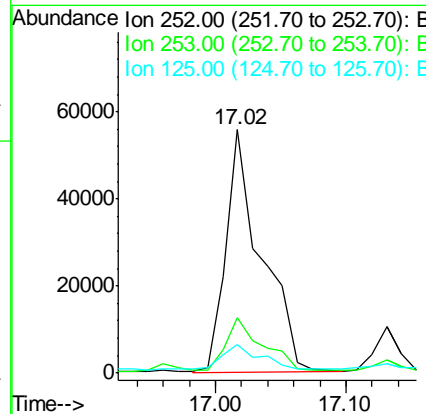
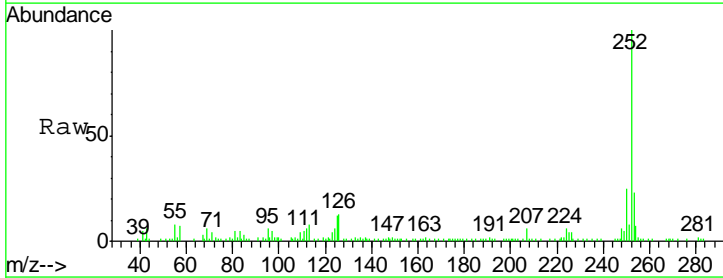
Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL3(0-2)

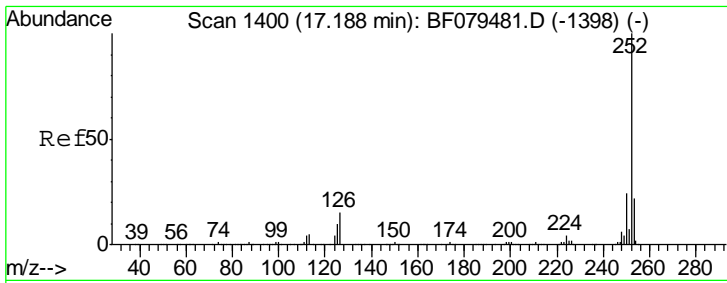
Tgt Ion	Resp	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.9	17.8	26.6



#87
 Benzo(b)fluoranthene
 Concen: 6.31 ng
 RT: 17.02 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.8	7.8	11.6

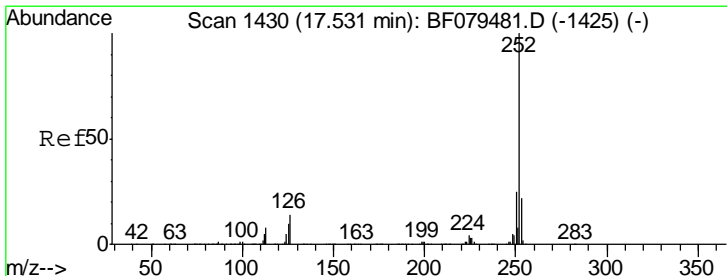
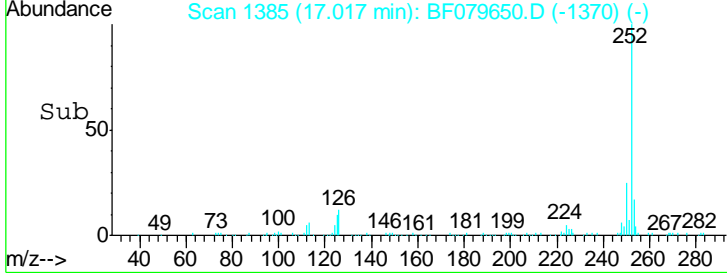
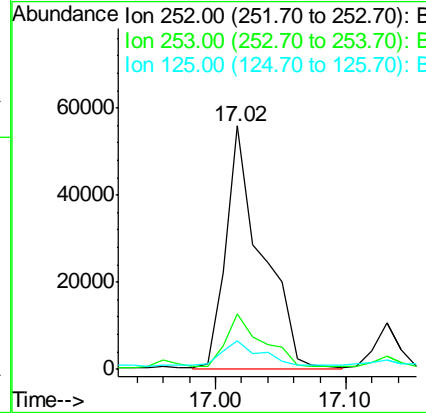
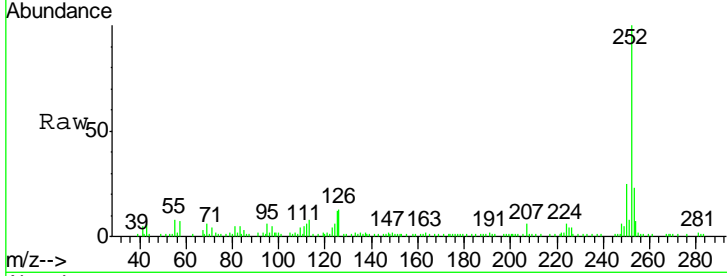




#88
 Benzo(k)fluoranthene
 Concen: 7.09 ng
 RT: 17.02 min Scan# 1385
 Delta R.T. -0.02 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Instrument :
 BNA_F
 ClientSampled :
 HB-9A-DEL3(0-2)

Tgt Ion	Resp	Lower	Upper
252	106892		
253	22.8	17.2	25.8
125	11.8	6.8	10.2#



#89
 Benzo(a)pyrene
 Concen: 2.08 ng
 RT: 17.38 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF079650.D
 Acq: 31 May 2015 23:25

Tgt Ion	Resp	Lower	Upper
252	57799		
253	23.2	17.8	26.8
125	13.0	7.9	11.9#

