

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079534.D
 Acq On : 27 May 2015 22:52
 Operator : TP/IZ
 Sample : G2359-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30BS

Quant Time: May 28 00:59:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	71560	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	298576	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	145246	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	278934	20.00	ng	0.00
75) Chrysene-d12	15.86	240	306893	20.00	ng	-0.08
86) Perylene-d12	17.55	264	319394	20.00	ng	-0.33

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	451168	109.35	ng	0.00
7) Phenol-d6	6.60	99	630492	119.89	ng	0.01
23) Nitrobenzene-d5	7.70	82	383123	74.17	ng	0.00
41) 2,4,6-Tribromophenol	11.72	330	188539	118.18	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	755400	74.20	ng	0.00
78) Terphenyl-d14	14.58	244	842158	64.40	ng	-0.01

Target Compounds

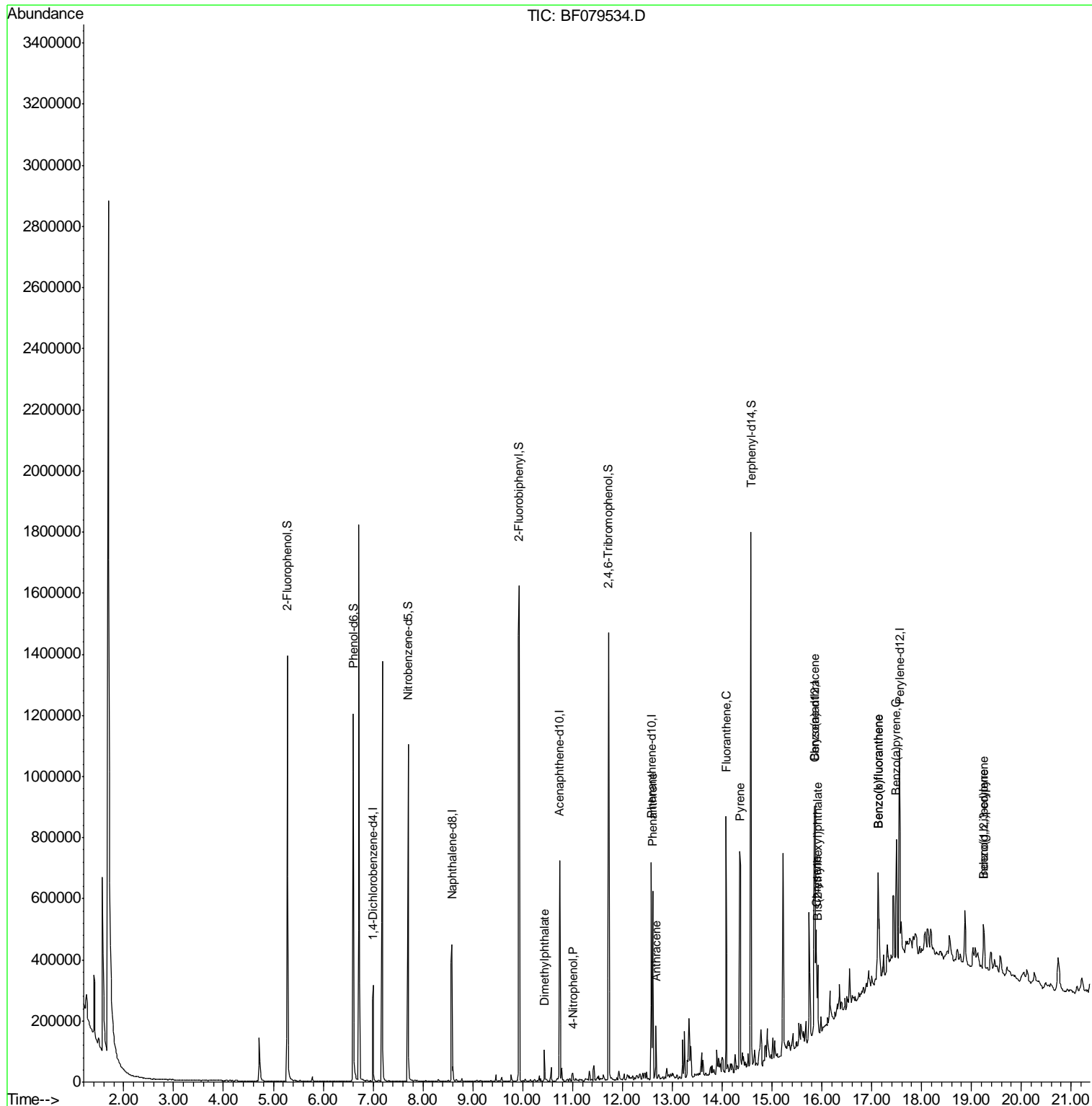
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.43	163	43109	4.03	ng	100
55) 4-Nitrophenol	11.00	139	4396	2.85	ng	# 12
70) Phenanthrene	12.61	178	288363	18.84	ng	99
71) Anthracene	12.67	178	69518	4.47	ng	99
73) Di-n-butylphthalate	13.35	149	6655	Below Cal		# 76
74) Fluoranthene	14.08	202	394923	24.07	ng	95
77) Pyrene	14.37	202	403963	21.25	ng	99
80) Benzo(a)anthracene	15.85	228	203626	11.53	ng	99
82) Chrysene	15.90	228	166613	9.93	ng	97
83) Bis(2-ethylhexyl)phthalate	15.92	149	66689	5.44	ng	# 97
85) Indeno(1,2,3-cd)pyrene	19.25	276	124230	5.76	ng	97
87) Benzo(b)fluoranthene	17.13	252	319177	17.52	ng	# 95
88) Benzo(k)fluoranthene	17.13	252	320478	19.67	ng	# 93
89) Benzo(a)pyrene	17.50	252	197395	10.90	ng	98
90) Dibenzo(a,h)anthracene	18.95	278	10769	Below Cal		# 54
91) Benzo(g,h,i)perylene	19.25	276	124230	4.98	ng	97

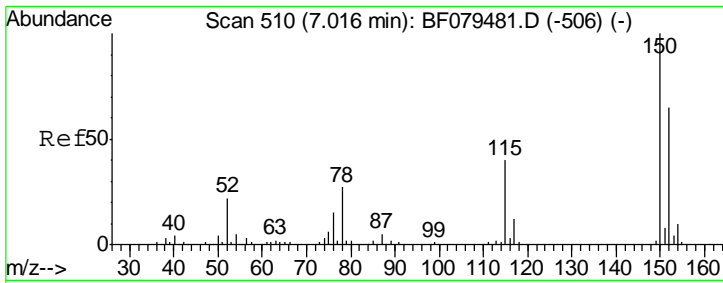
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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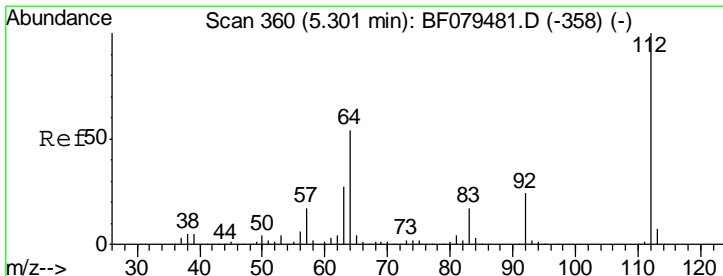
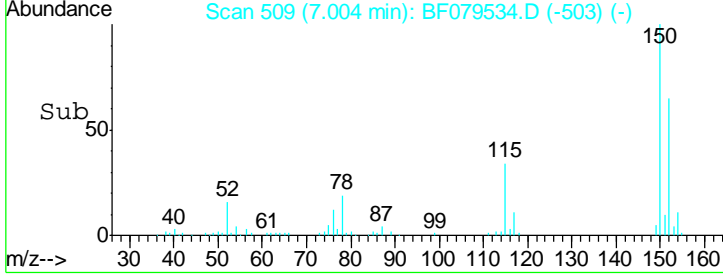
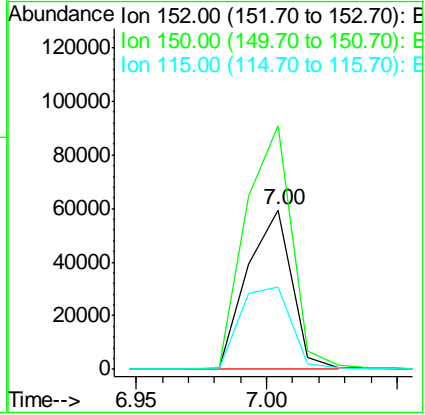
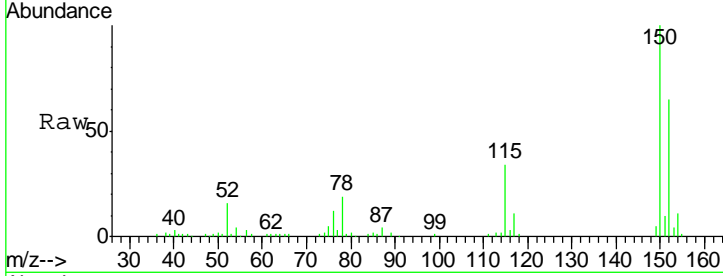




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

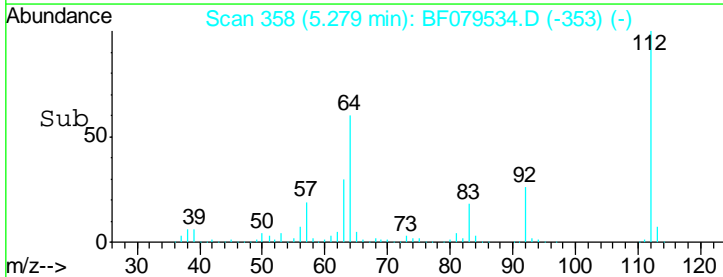
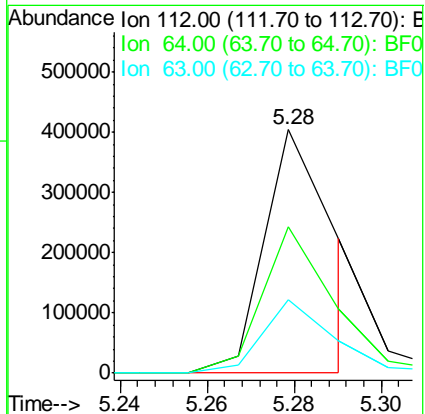
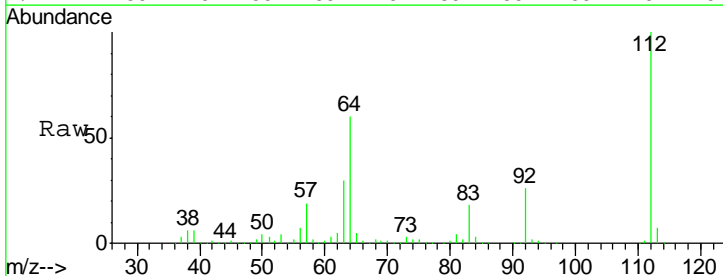
Instrument :
 BNA_F
ClientSampleId :
 SB-30BS

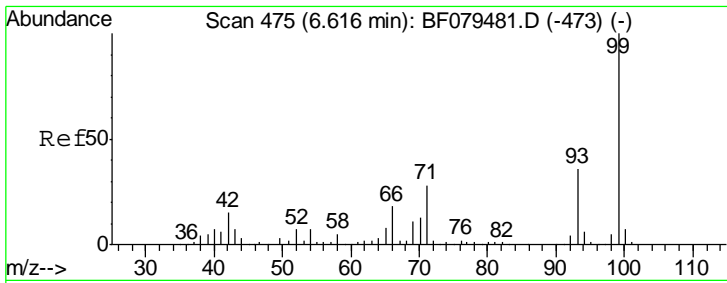
Tgt Ion	Resp	Lower	Upper
152	71560		
150	152.9	124.0	186.0
115	51.6	49.6	74.4



#5
 2-Fluorophenol
 Concen: 109.35 ng
 RT: 5.28 min Scan# 358
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
112	451168		
64	60.1	43.5	65.3
63	30.1	21.8	32.8

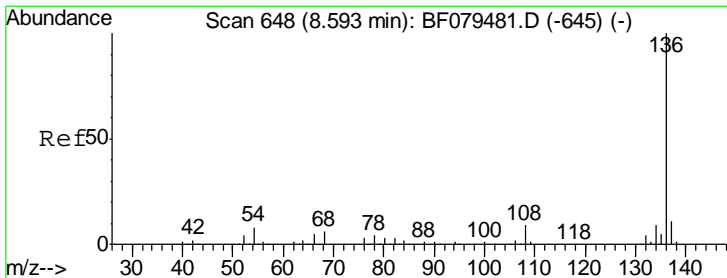
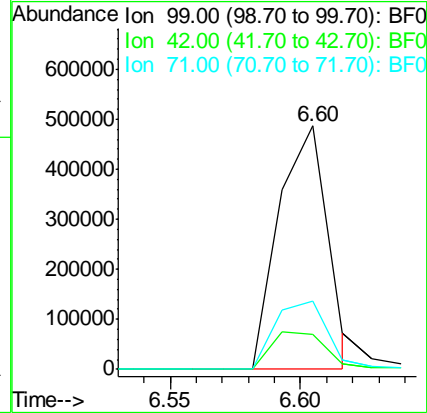
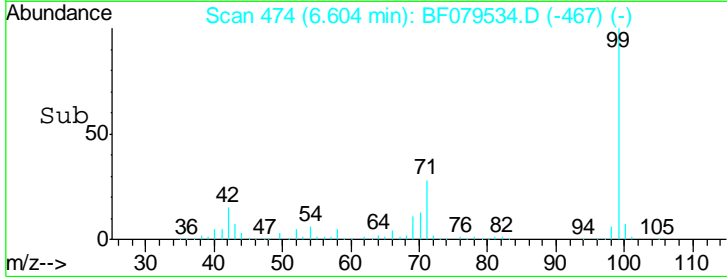
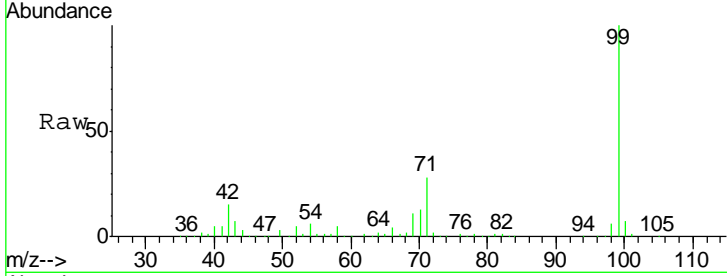




#7
 Phenol-d6
 Concen: 119.89 ng
 RT: 6.60 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

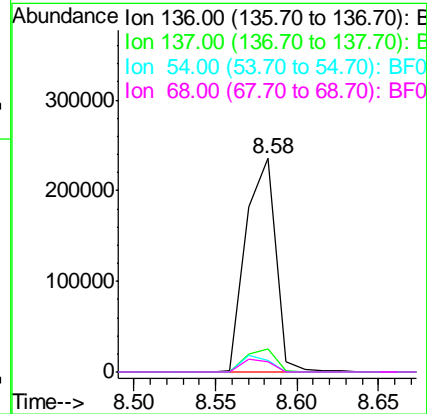
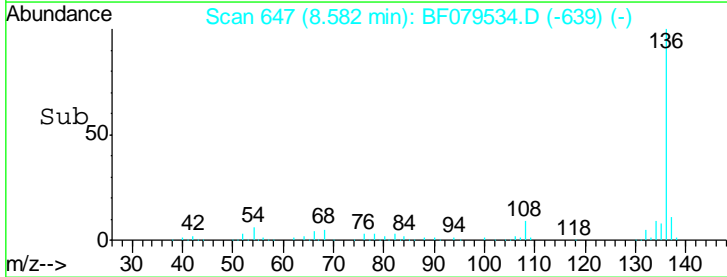
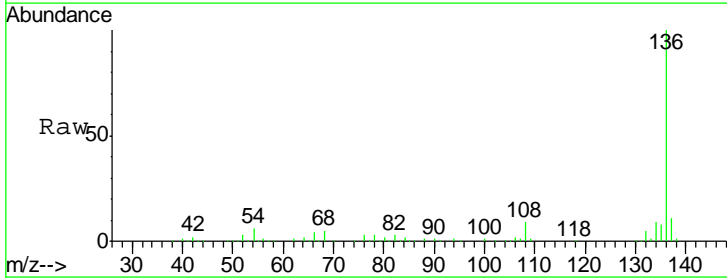
Instrument :
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 ClientSampled :
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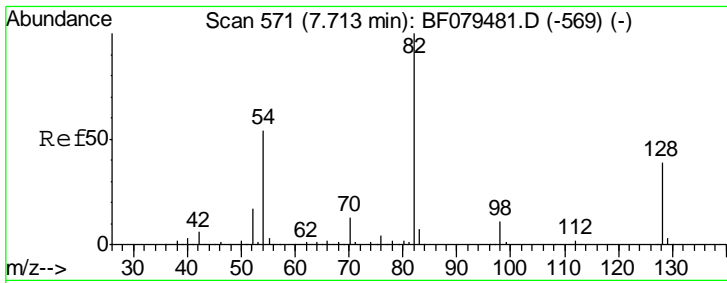
Tgt Ion	Resp	Lower	Upper
99	630492		
42	14.5	11.9	17.9
71	28.1	22.1	33.1



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
136	298576		
137	10.6	8.5	12.7
54	5.6	6.6	9.8#
68	4.7	4.7	7.1

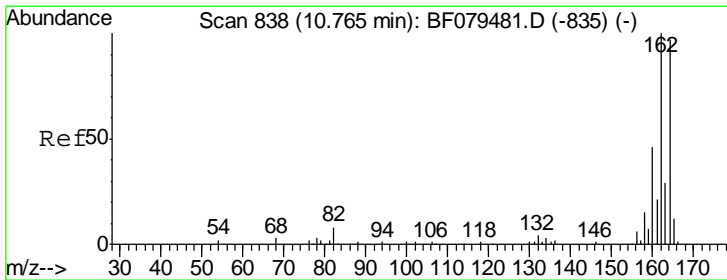
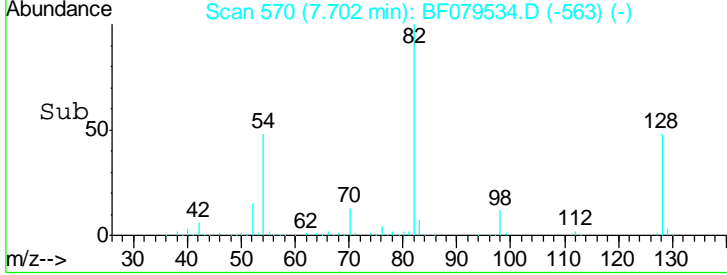
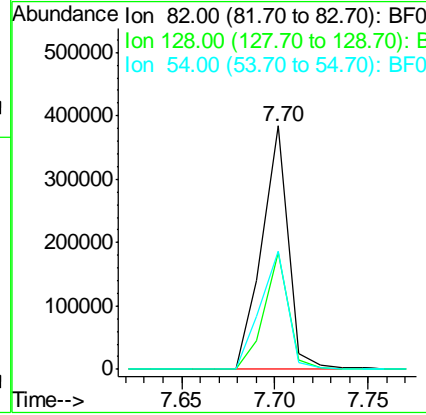
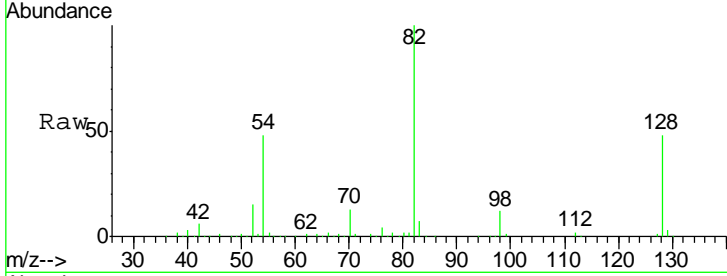




#23
 Nitrobenzene-d5
 Concen: 74.17 ng
 RT: 7.70 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

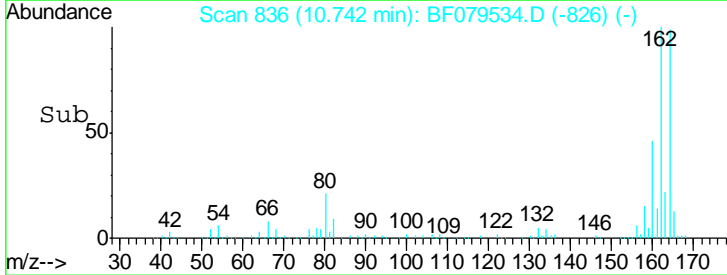
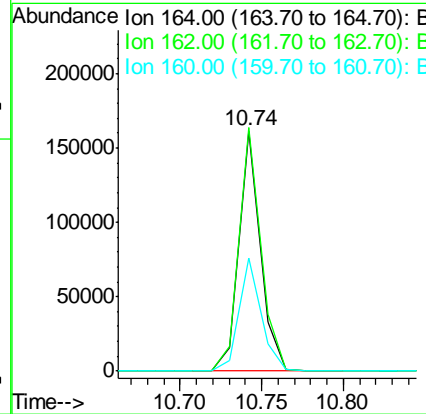
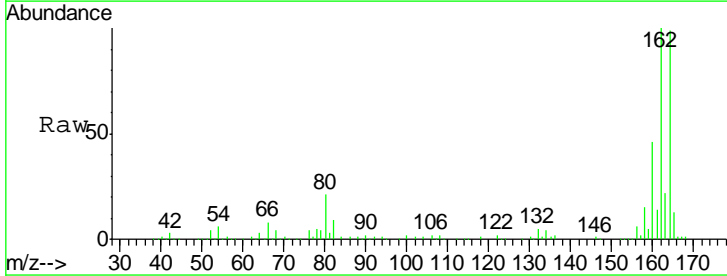
Instrument :
 BNA_F
ClientSampled :
 SB-30BS

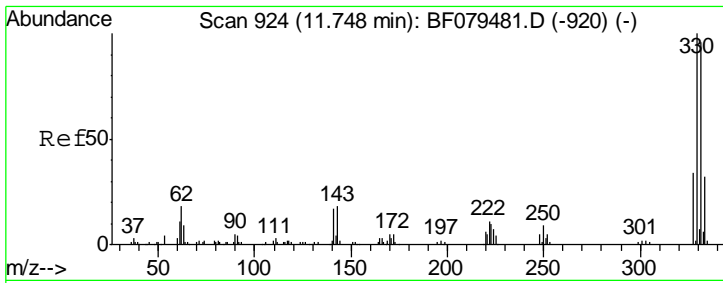
Tgt Ion	Resp	Lower	Upper
82	100		
128	48.2	30.8	46.2#
54	48.5	42.8	64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	47.1	37.7	56.5

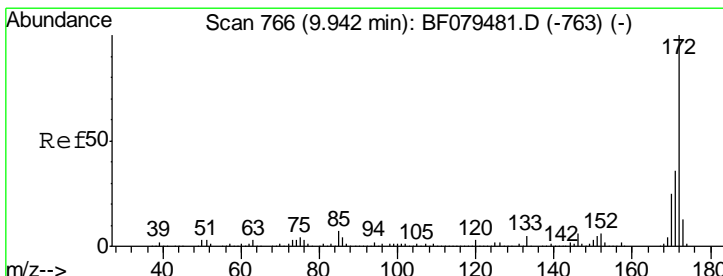
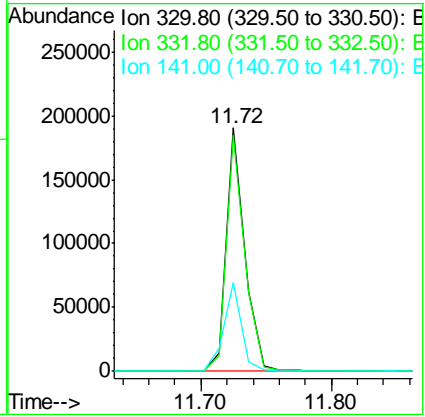
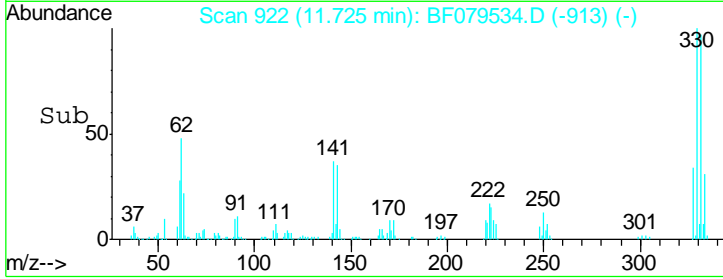
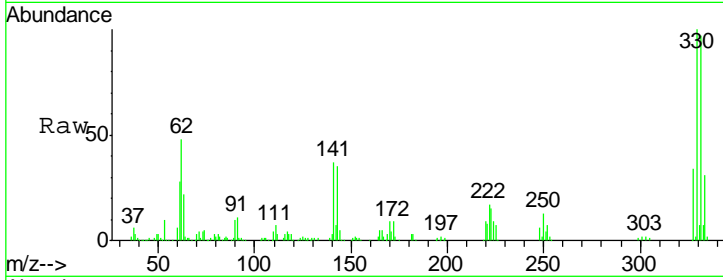




#41
 2,4,6-Tribromophenol
 Concen: 118.18 ng
 RT: 11.72 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

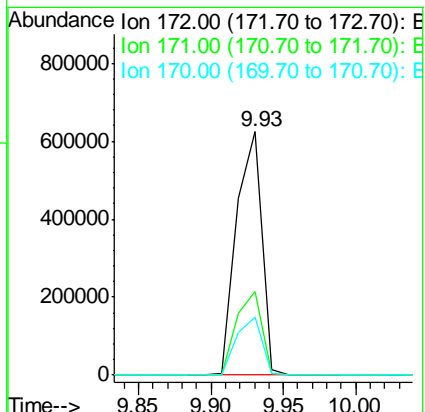
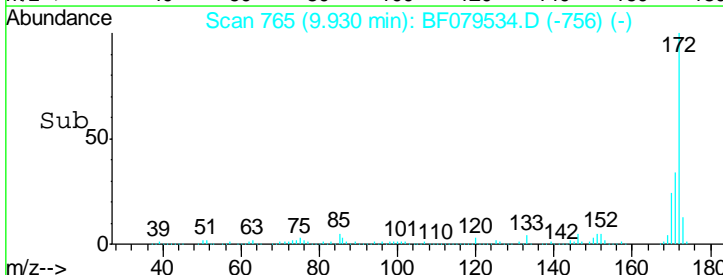
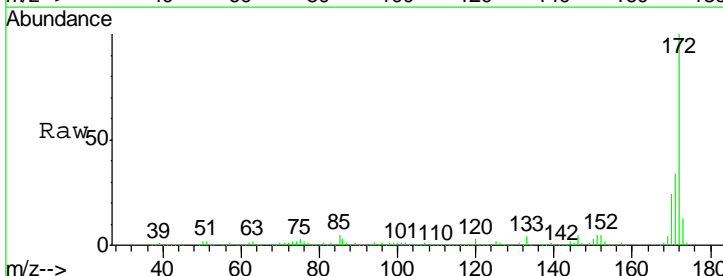
Instrument :
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ClientSampled :
 SB-30BS

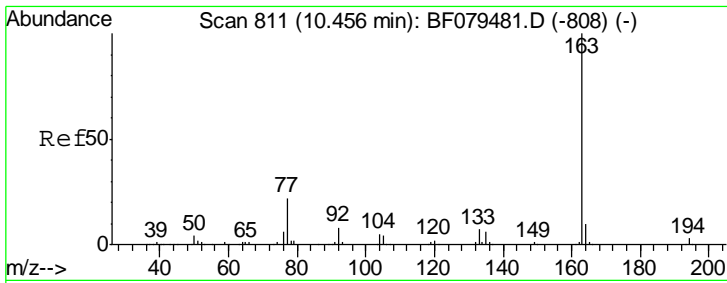
Tgt Ion	Resp	Lower	Upper
330	188539		
332	96.8	0.0	0.0#
141	35.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 74.20 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
172	755400		
171	34.2	28.5	42.7
170	23.8	19.7	29.5

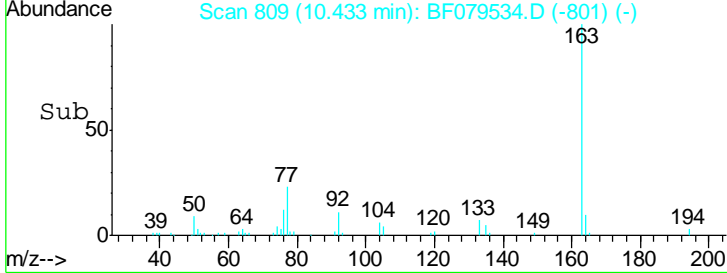
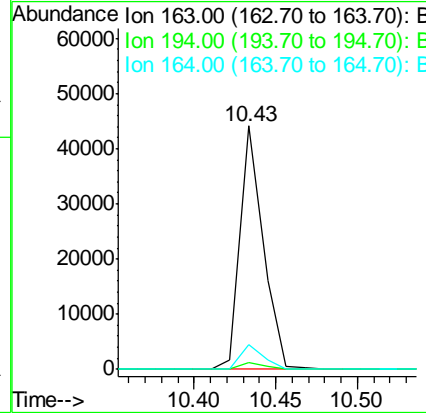
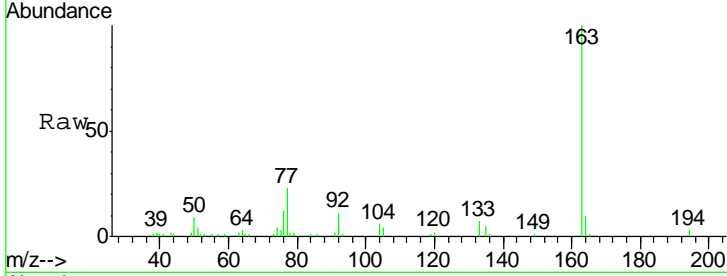




#49
 Dimethylphthalate
 Concen: 4.03 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

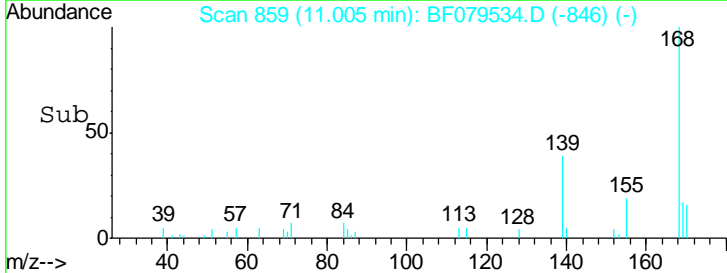
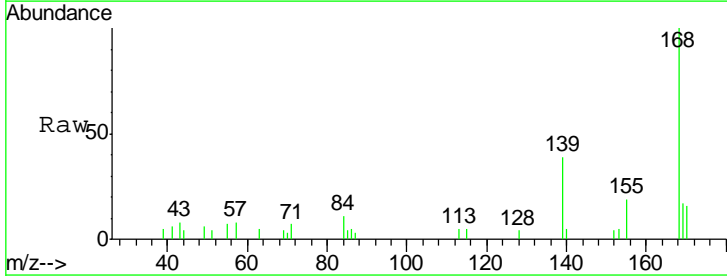
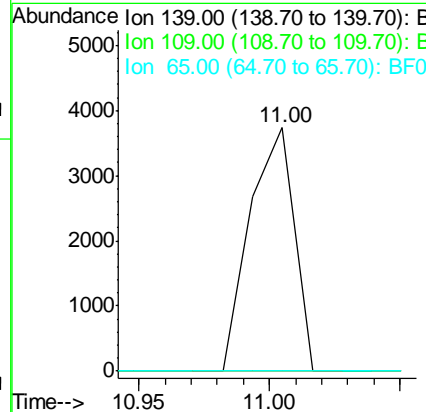
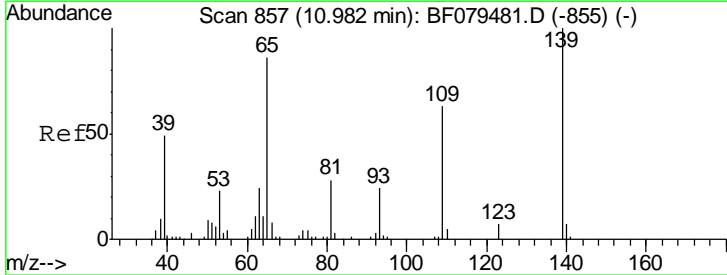
Instrument :
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 ClientSampleId :
 SB-30BS

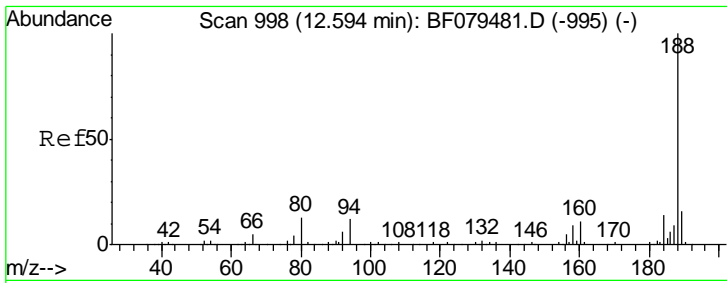
Tgt Ion	Resp	Lower	Upper
163	43109		
194	2.8	2.4	3.6
164	10.2	8.2	12.4



#55
 4-Nitrophenol
 Concen: 2.85 ng
 RT: 11.00 min Scan# 859
 Delta R.T. 0.03 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
139	4396		
109	0.0	42.8	82.8#
65	0.0	66.3	106.3#

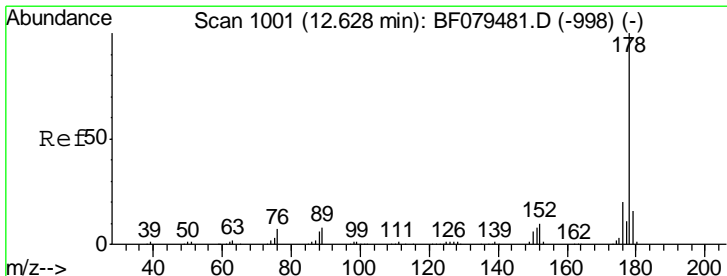
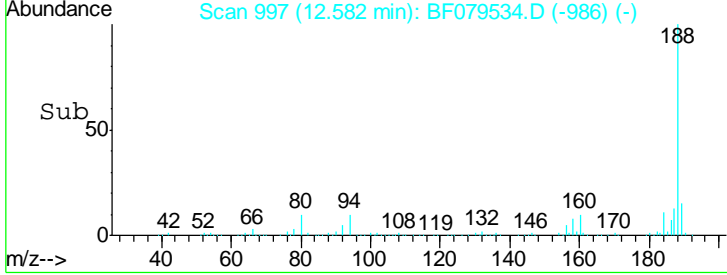
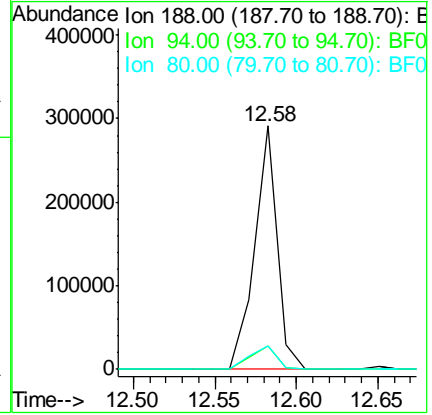
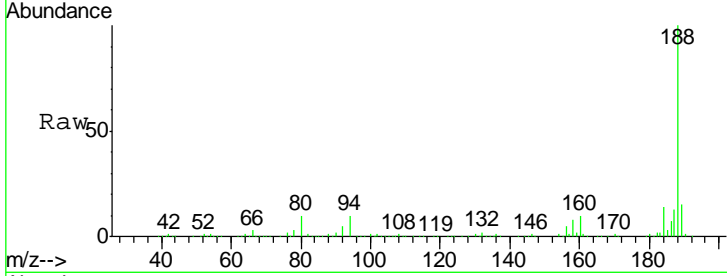




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.58 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

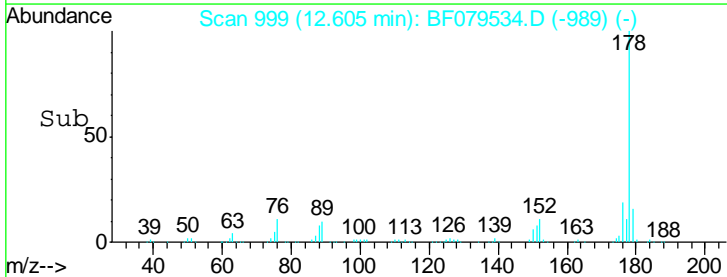
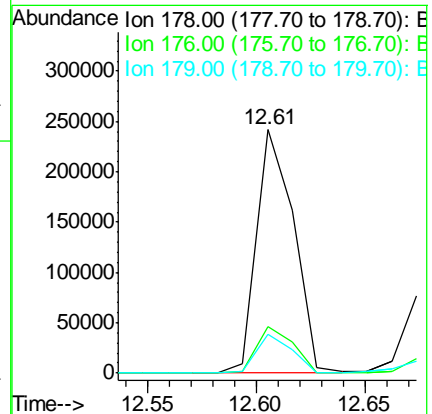
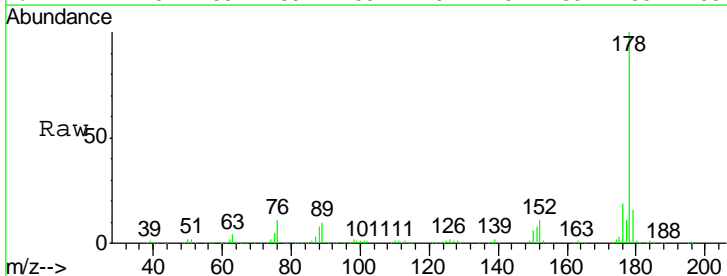
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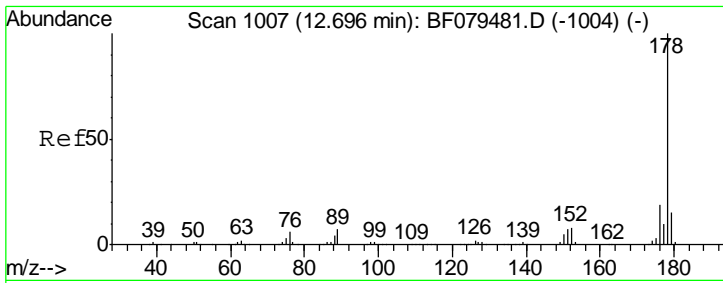
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.7	9.8	14.6#
80	9.6	10.5	15.7#



#70
 Phenanthrene
 Concen: 18.84 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.7	12.4	18.6



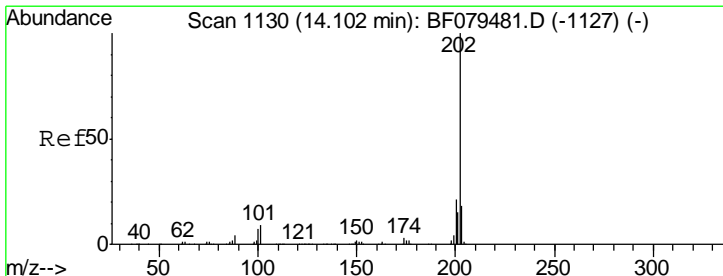
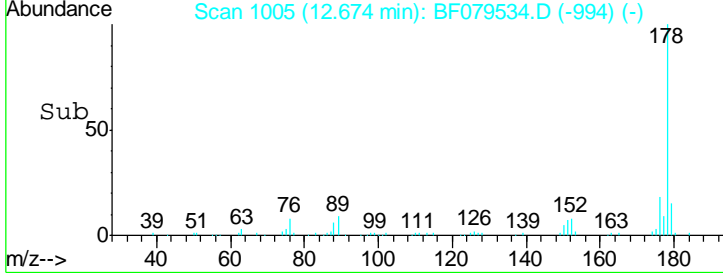
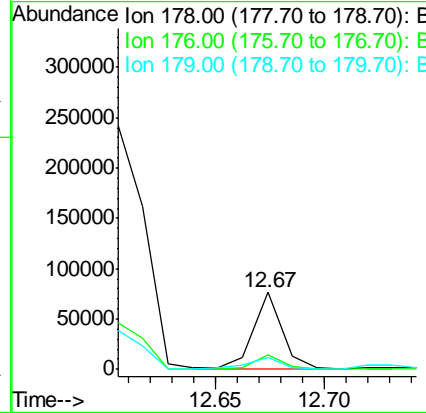
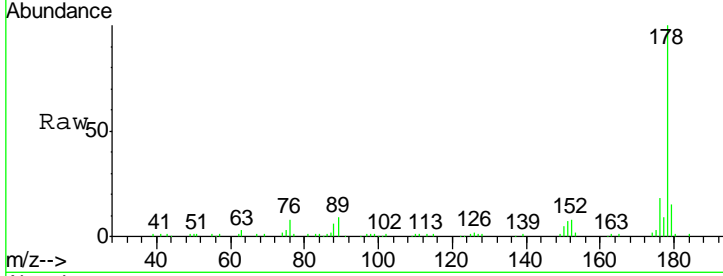


#71
 Anthracene
 Concen: 4.47 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Instrument :
 BNA_F
 ClientSampled :
 SB-30BS

Tgt Ion: 178 Resp: 69518

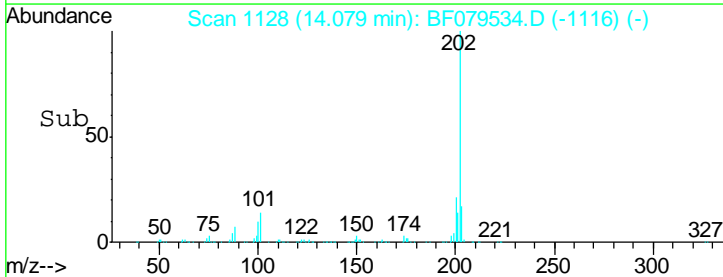
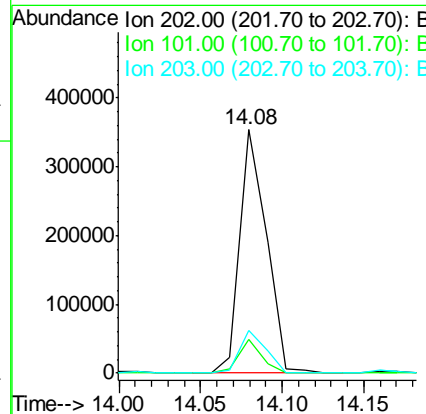
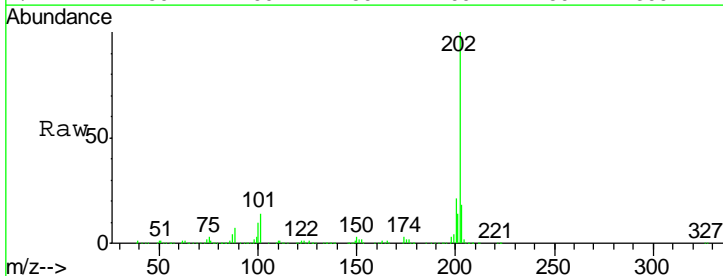
Ion	Ratio	Lower	Upper
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176	18.3	15.3	22.9
179	15.0	12.2	18.4

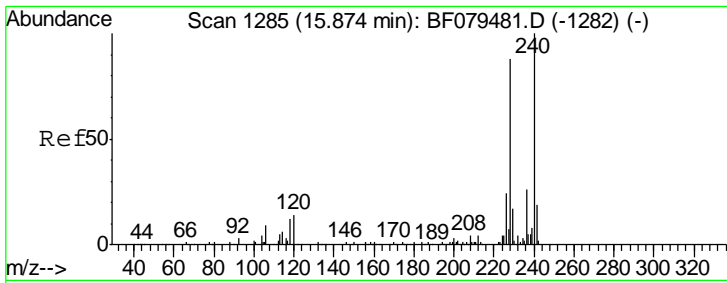


#74
 Fluoranthene
 Concen: 24.07 ng
 RT: 14.08 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion: 202 Resp: 394923

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	29.3
203	17.7	0.0	37.6

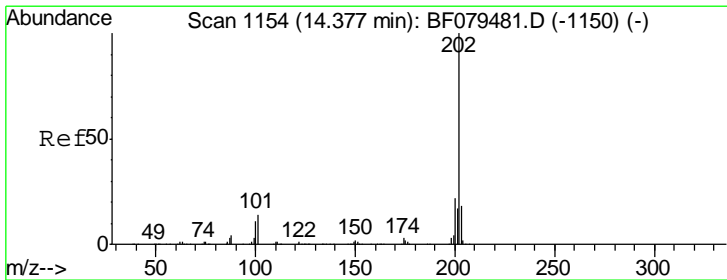
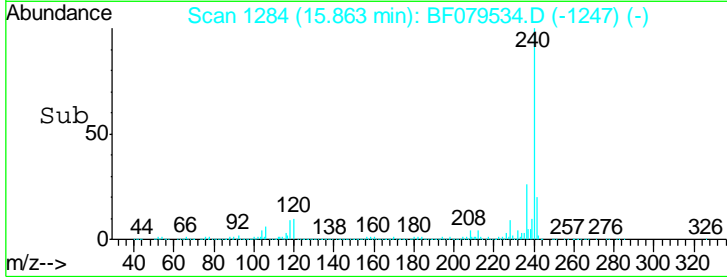
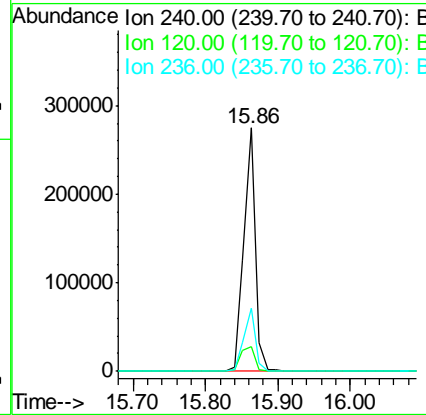
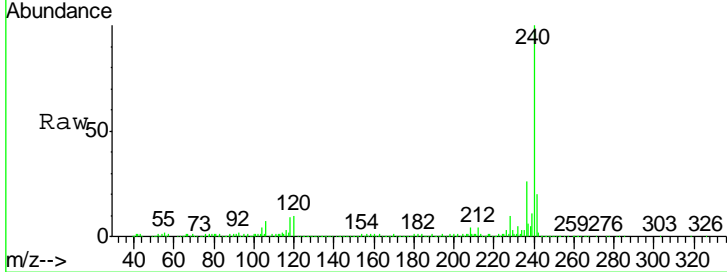




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. -0.08 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

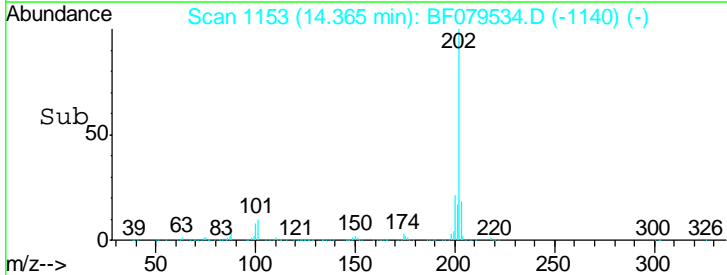
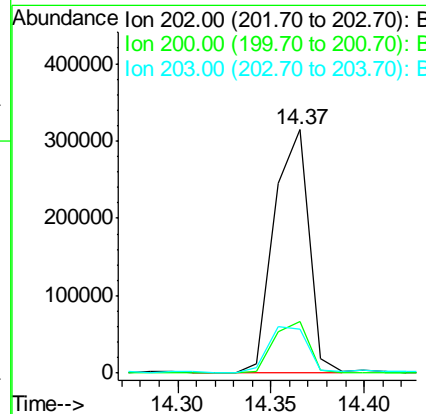
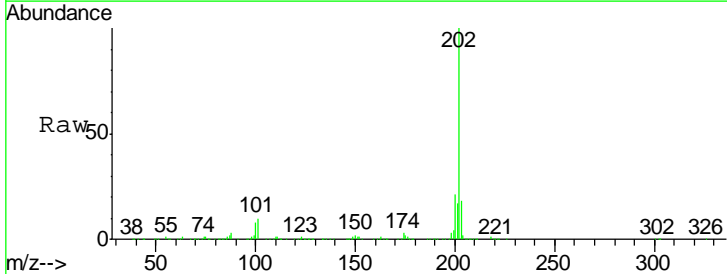
Instrument :
 BNA_F
 ClientSampled :
 SB-30BS

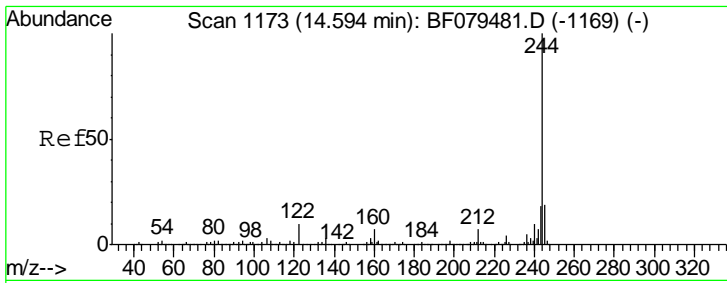
Tgt Ion	Resp	Lower	Upper
240	306893		
120	10.1	10.8	16.2#
236	25.9	21.0	31.6



#77
 Pyrene
 Concen: 21.25 ng
 RT: 14.37 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
202	403963		
200	21.4	17.5	26.3
203	18.0	14.4	21.6

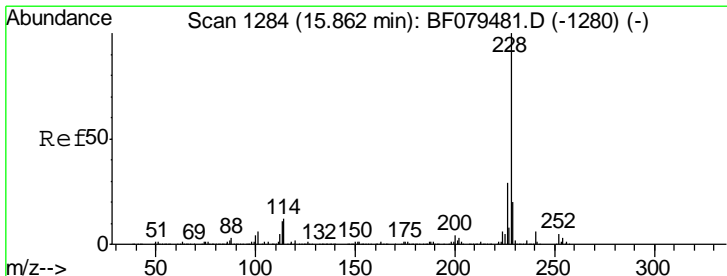
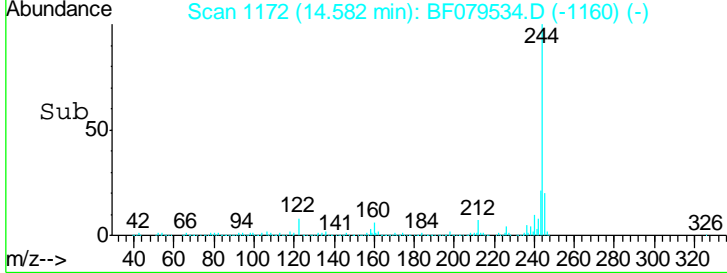
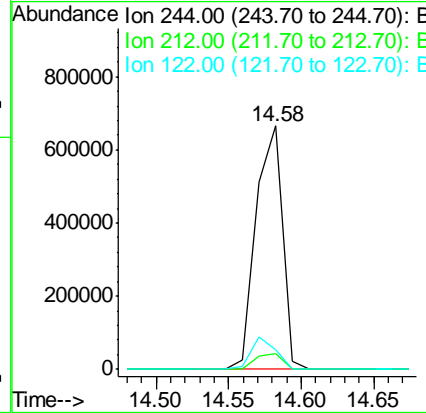
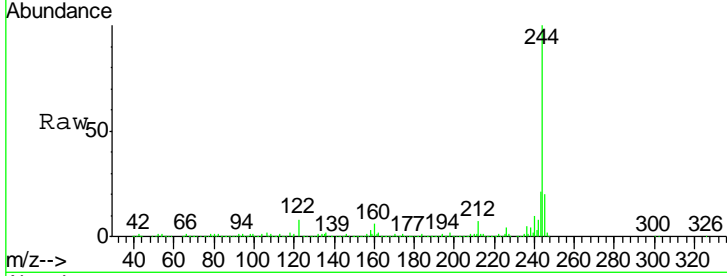




#78
 Terphenyl-d14
 Concen: 64.40 ng
 RT: 14.58 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

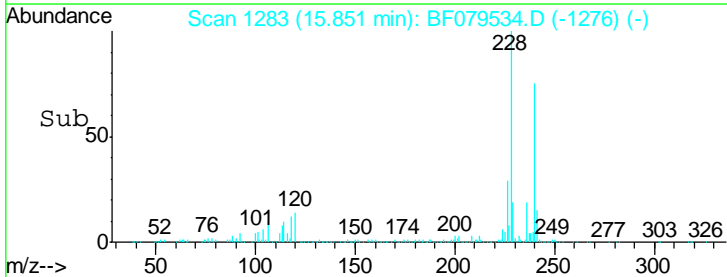
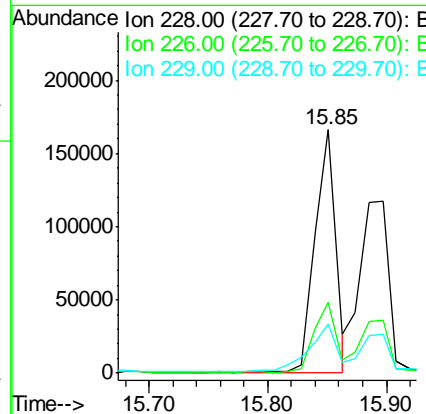
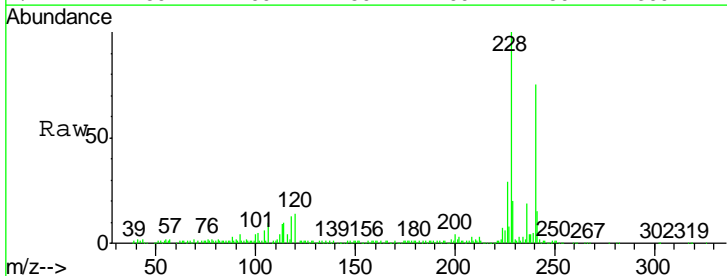
Instrument :
 BNA_F
 ClientSampled :
 SB-30BS

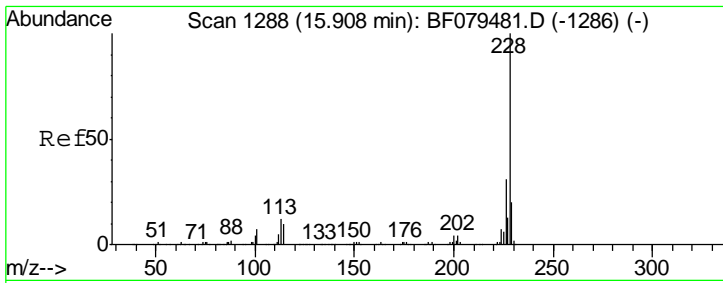
Tgt Ion	Resp	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	8.3	8.0	12.0



#80
 Benzo(a)anthracene
 Concen: 11.53 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. -0.08 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	20.2	15.9	23.9

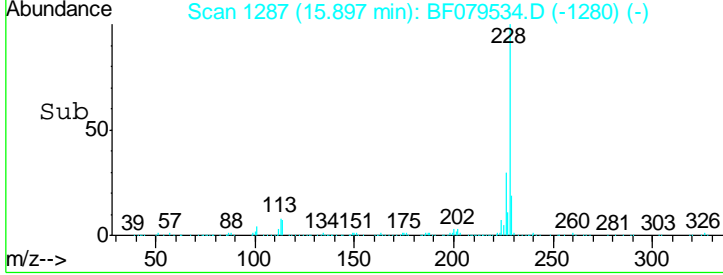
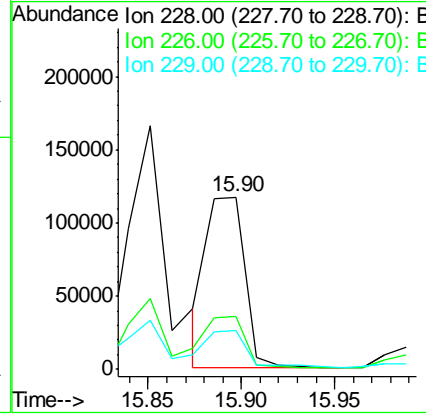
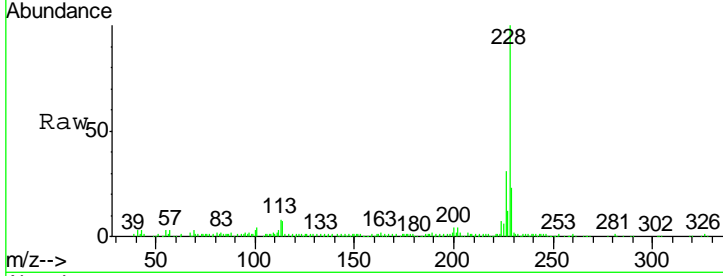




#82
 Chrysene
 Concen: 9.93 ng
 RT: 15.90 min Scan# 1287
 Delta R.T. -0.08 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

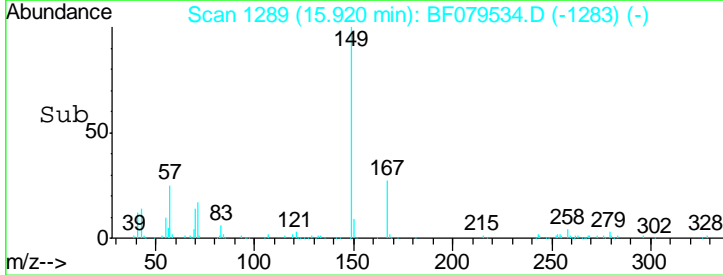
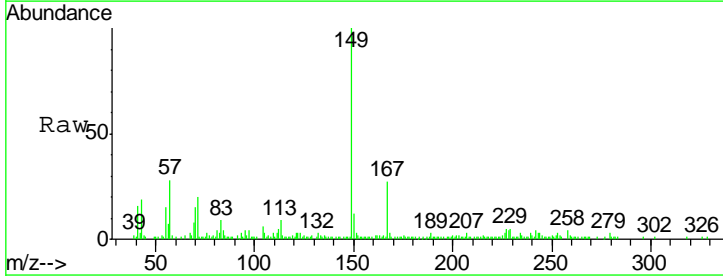
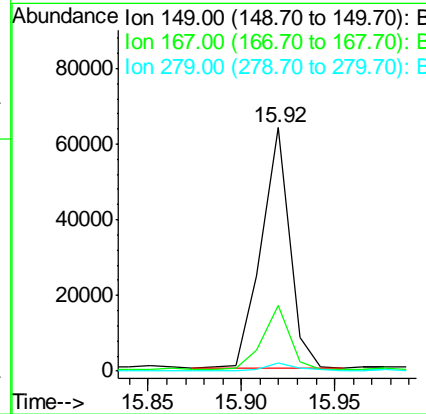
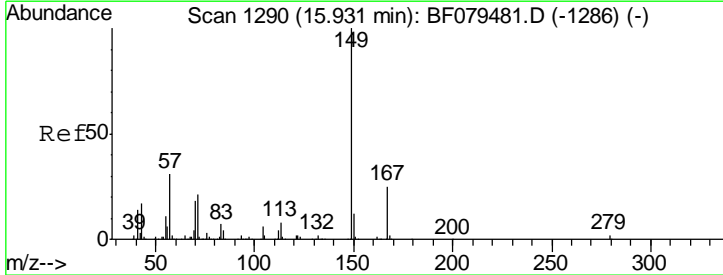
Instrument :
 BNA_F
ClientSampled :
 SB-30BS

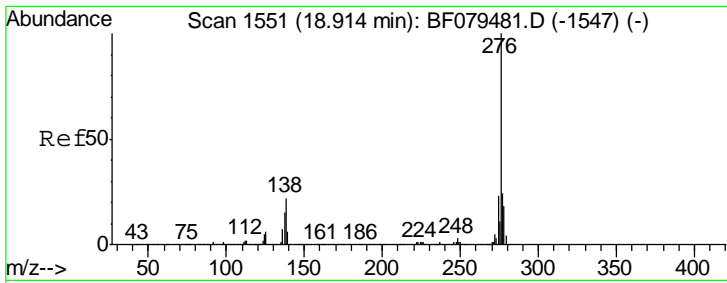
Tgt Ion	Resp	Lower	Upper
228	166613		
226	30.7	25.0	37.4
229	22.9	15.9	23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.44 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. -0.10 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
149	66689		
167	26.9	20.2	30.4
279	3.3	2.0	3.0#

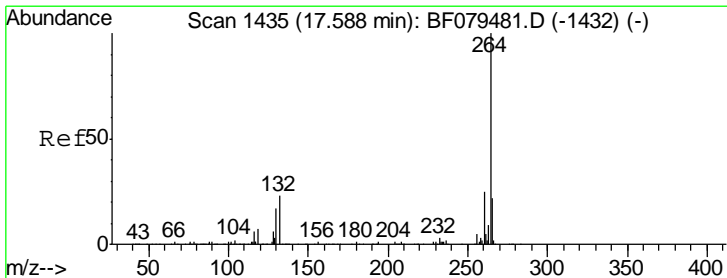
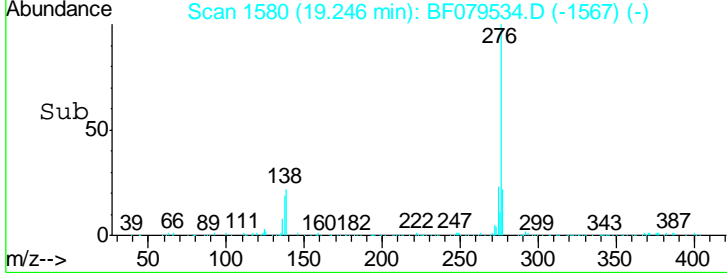
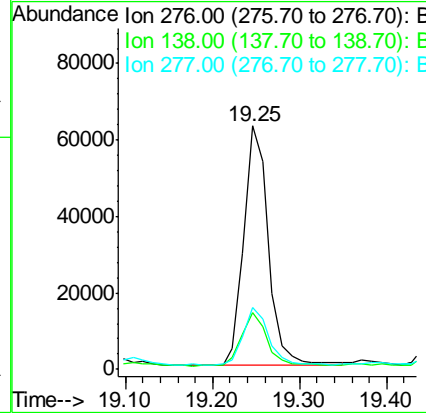
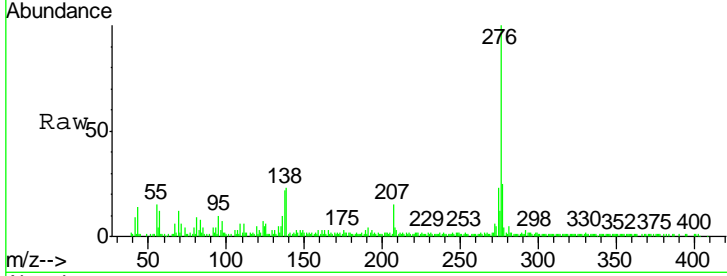




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.76 ng
 RT: 19.25 min Scan# 1580
 Delta R.T. -0.06 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

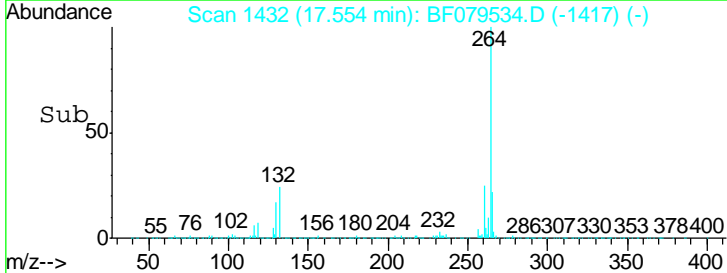
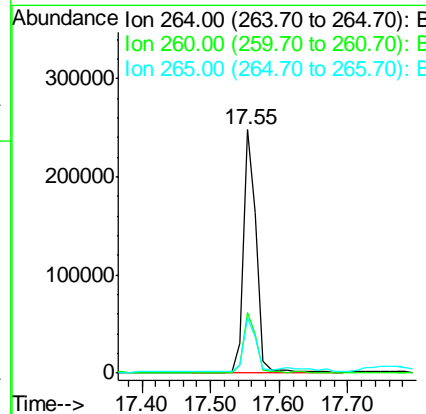
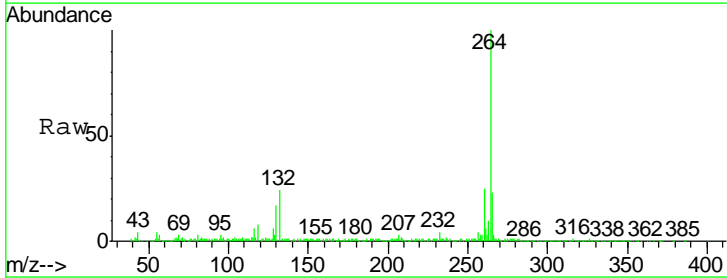
Instrument :
 BNA_F
 ClientSampled :
 SB-30BS

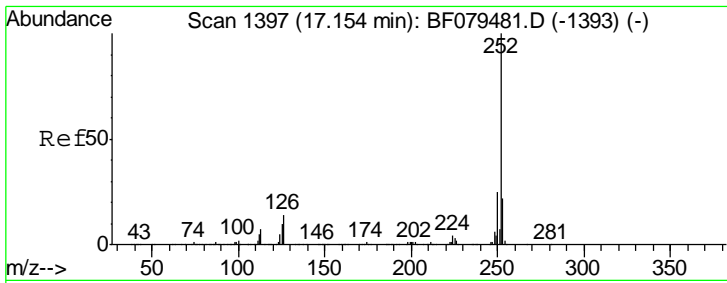
Tgt Ion	Resp	Lower	Upper
276	124230		
138	24.5	21.4	32.2
277	24.5	19.8	29.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1432
 Delta R.T. -0.33 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
264	319394		
260	24.9	19.8	29.8
265	22.8	17.8	26.6

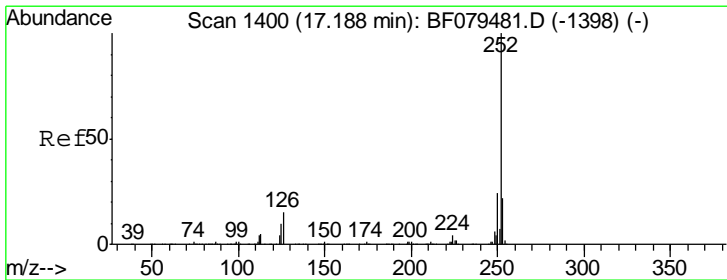
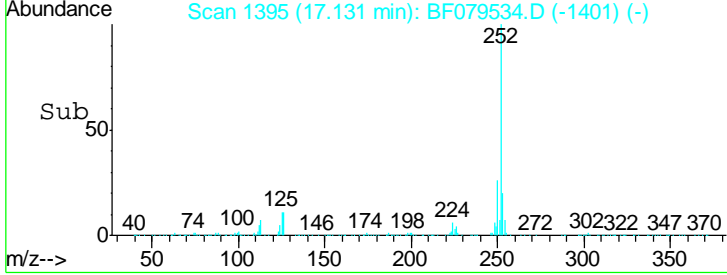
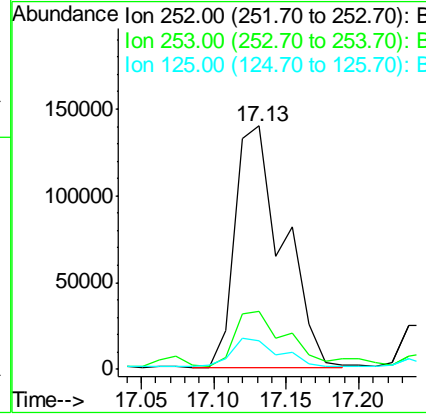
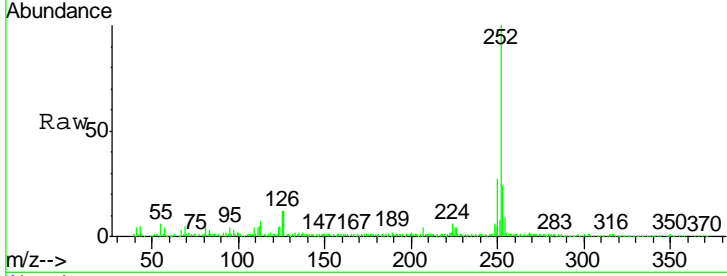




#87
 Benzo(b)fluoranthene
 Concen: 17.52 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

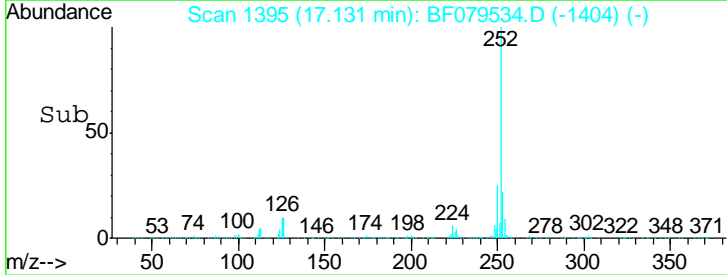
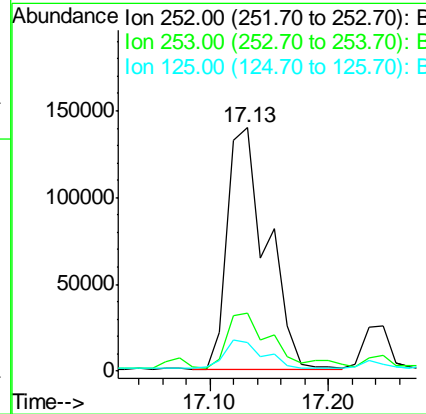
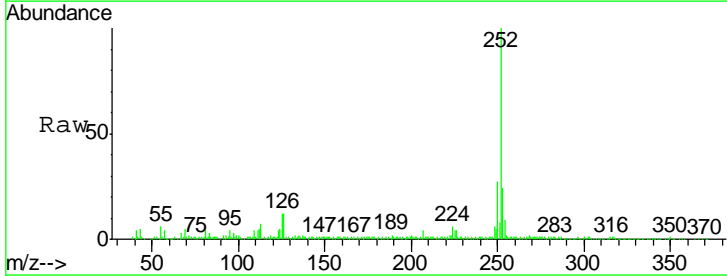
Instrument :
 BNA_F
 ClientSampleId :
 SB-30BS

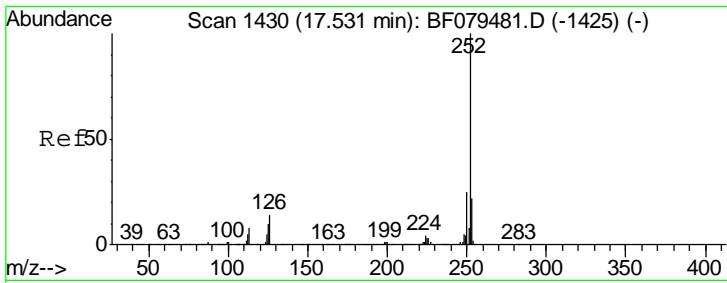
Tgt Ion	Resp	Lower	Upper
252	319177		
253	24.0	17.6	26.4
125	12.0	7.8	11.6#



#88
 Benzo(k)fluoranthene
 Concen: 19.67 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.29 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
252	320478		
253	24.0	17.2	25.8
125	12.0	6.8	10.2#

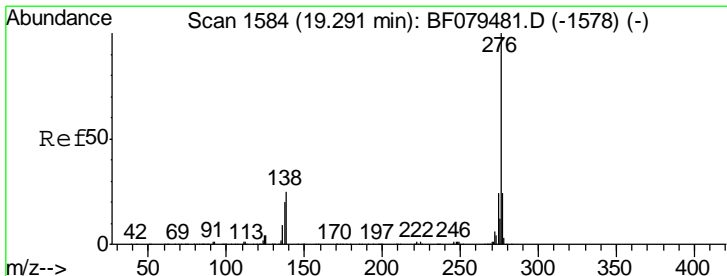
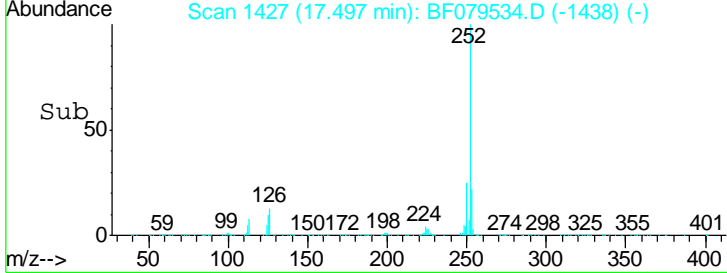
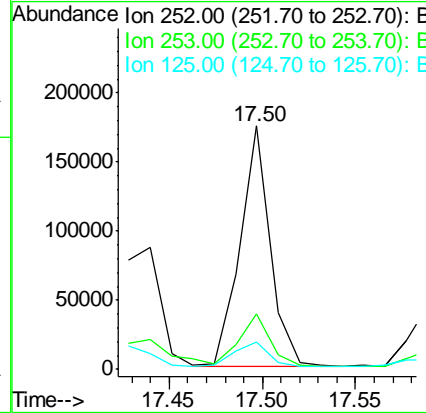
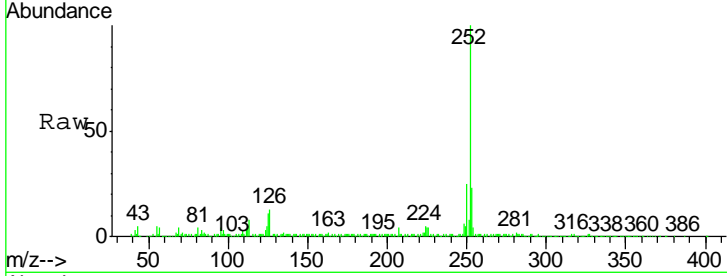




#89
 Benzo(a)pyrene
 Concen: 10.90 ng
 RT: 17.50 min Scan# 1427
 Delta R.T. -0.31 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Instrument :
 BNA_F
 ClientSampled :
 SB-30BS

Tgt Ion	Resp	Lower	Upper
252	197395		
253	22.7	17.8	26.8
125	11.2	7.9	11.9



#91
 Benzo(g,h,i)perylene
 Concen: 4.98 ng
 RT: 19.25 min Scan# 1580
 Delta R.T. -0.45 min
 Lab File: BF079534.D
 Acq: 27 May 2015 22:52

Tgt Ion	Resp	Lower	Upper
276	124230		
277	25.2	19.1	28.7
138	23.1	20.1	30.1

