

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079544.D
 Acq On : 28 May 2015 15:07
 Operator : TP/IZ
 Sample : G2359-05RE RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 28 16:16:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

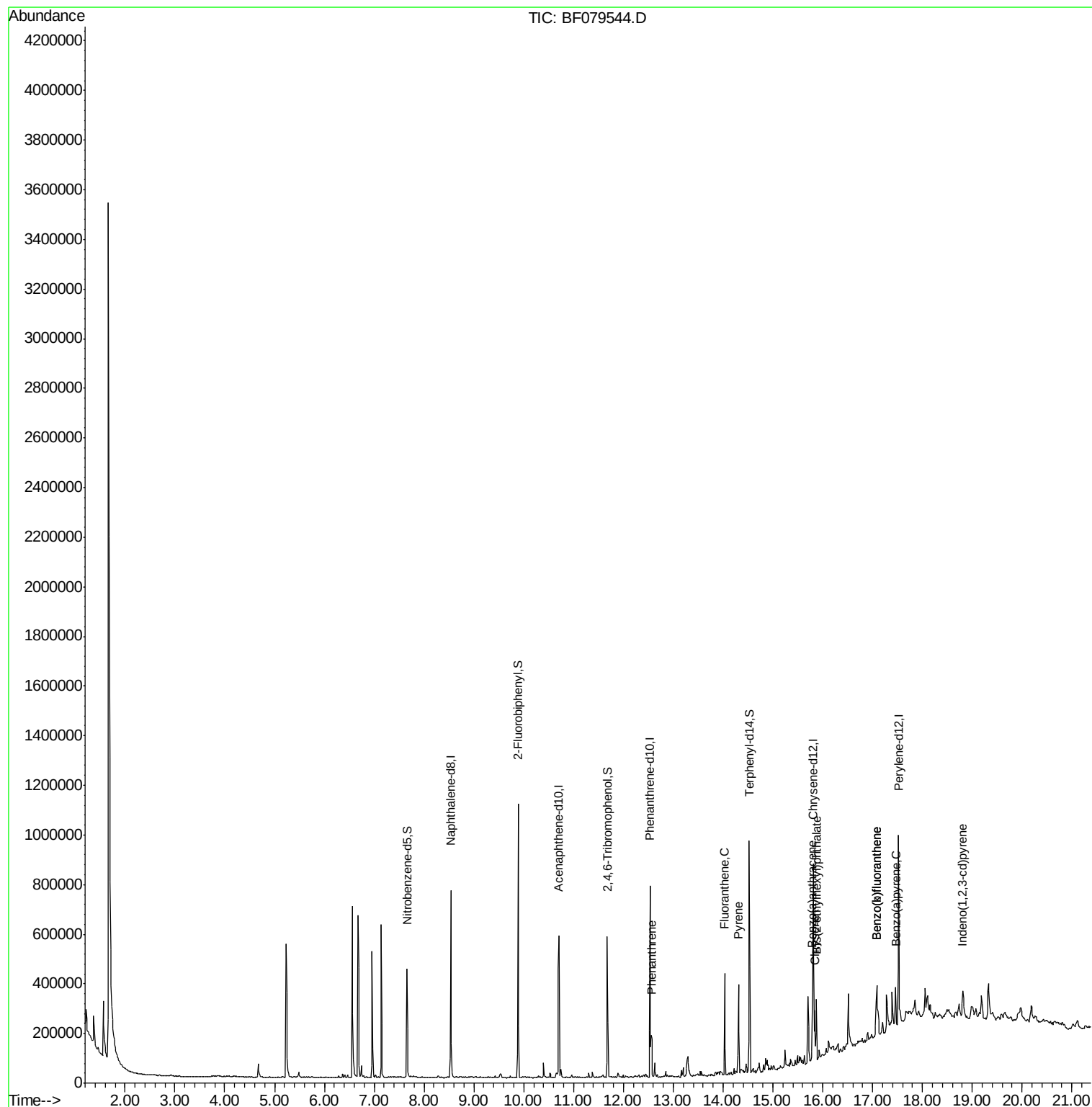
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.02
21) Naphthalene-d8	8.54	136	315284	20.00	ng	-0.06
38) Acenaphthene-d10	10.71	164	155483	20.00	ng	-0.06
63) Phenanthrene-d10	12.54	188	295012	20.00	ng	-0.06
75) Chrysene-d12	15.81	240	307022	20.00	ng	-0.07
86) Perylene-d12	17.52	264	332572	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.66	82	157225	28.83	ng	-0.06
41) 2,4,6-Tribromophenol	11.68	330	77729	45.51	ng	-0.07
44) 2-Fluorobiphenyl	9.88	172	337121	30.93	ng	-0.06
78) Terphenyl-d14	14.53	244	360512	27.56	ng	-0.07
Target Compounds						
70) Phenanthrene	12.57	178	93669	5.79	ng	Qvalue 100
73) Di-n-butylphthalate	13.30	149	12493	Below Cal		96
74) Fluoranthene	14.03	202	173412	9.99	ng	97
77) Pyrene	14.31	202	162477	8.54	ng	96
80) Benzo(a)anthracene	15.79	228	95930	5.43	ng	97
82) Chrysene	15.84	228	81336	4.84	ng	98
83) Bis(2-ethylhexyl)phthalate	15.87	149	77321	6.31	ng	# 99
85) Indeno(1,2,3-cd)pyrene	18.81	276	69111	3.20	ng	96
87) Benzo(b)fluoranthene	17.09	252	171827	9.06	ng	# 96
88) Benzo(k)fluoranthene	17.09	252	171827	10.13	ng	# 95
89) Benzo(a)pyrene	17.46	252	94237	3.91	ng	97
90) Dibenzo(a,h)anthracene	18.89	278	4662	Below Cal	#	50

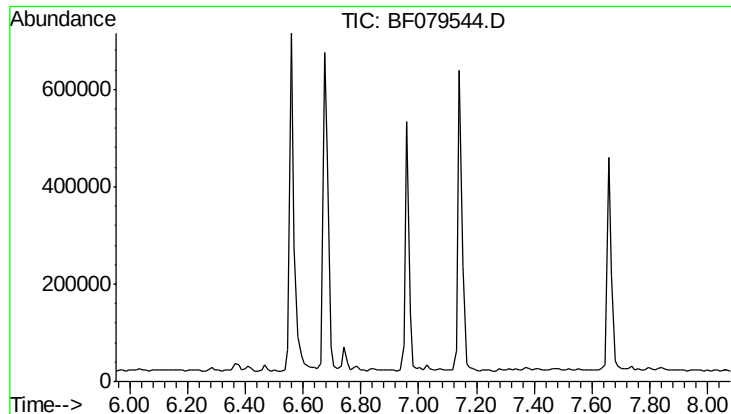
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.02 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

Instrument :

BNA_F

ClientSampleId :

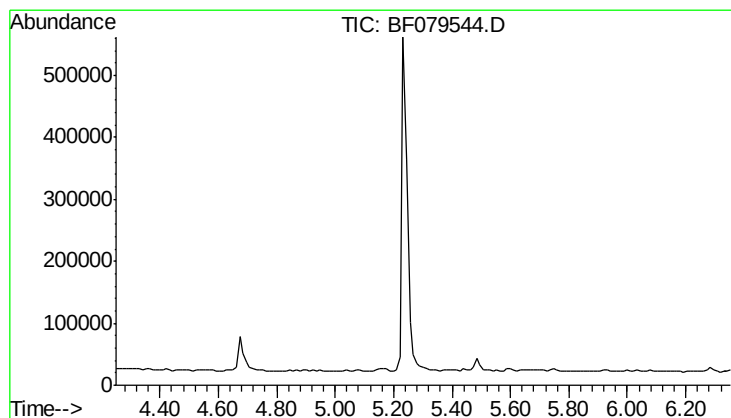
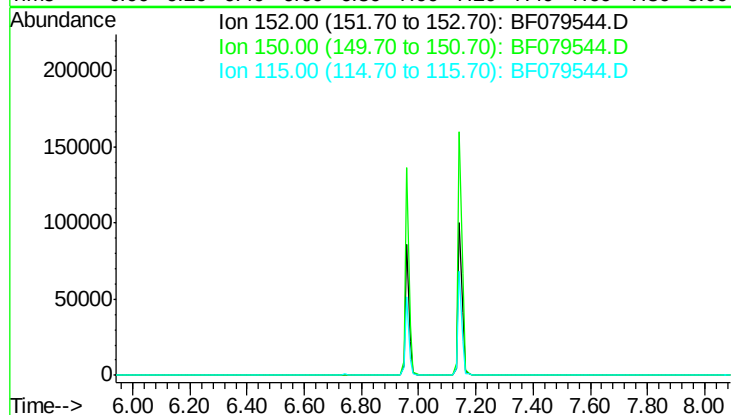
Tot Ion: 152

Sig Exp Ratio

152 100

150 155.0

115 62.0



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.30 min

Lab File: BF079544.D

Acq: 28 May 2015 15:07

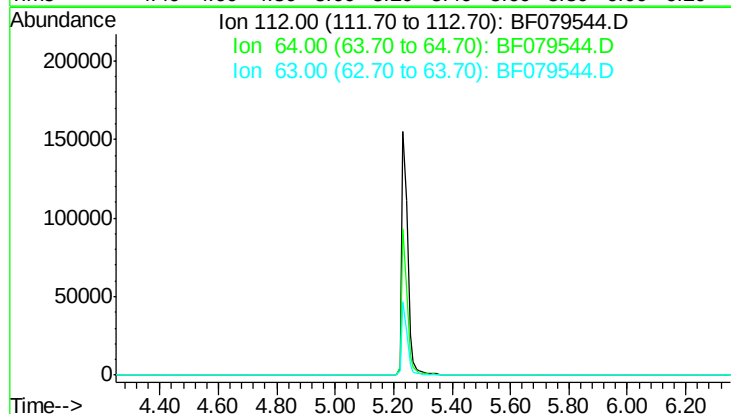
Tgt Ion: 112

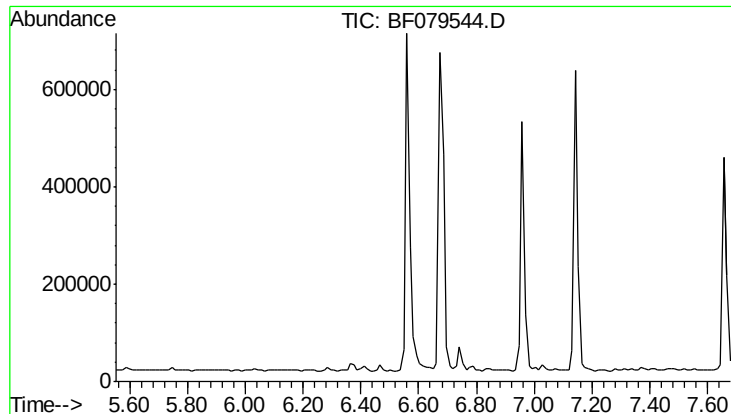
Sig Exp Ratio

112 100

64 54.4

63 27.3

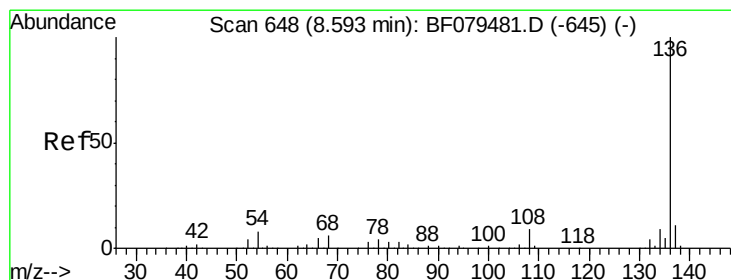
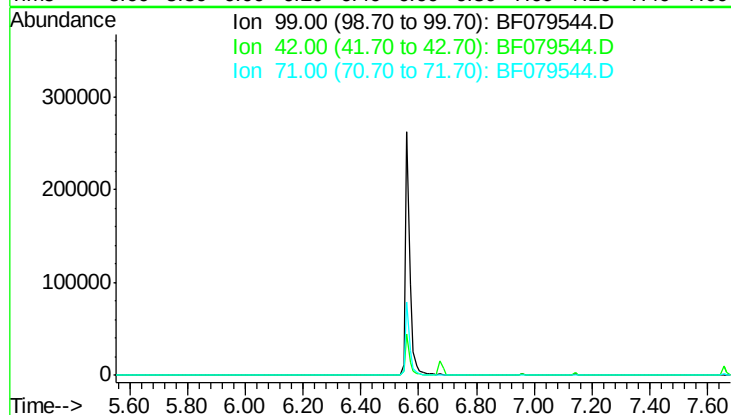




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.62 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

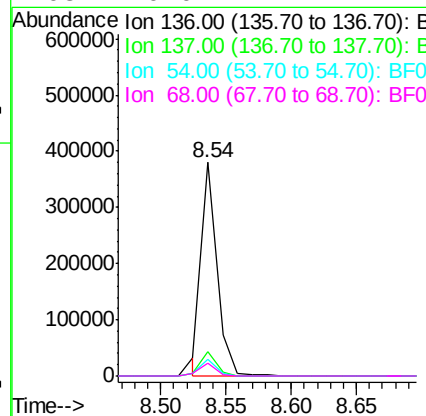
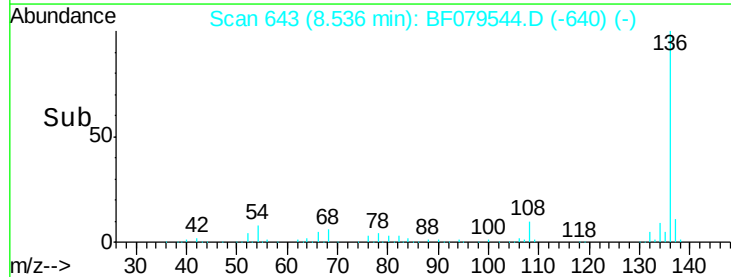
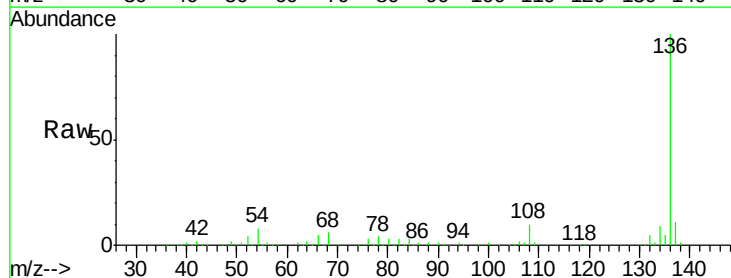
Instrument :
 BNA_F
 ClientSampleId :

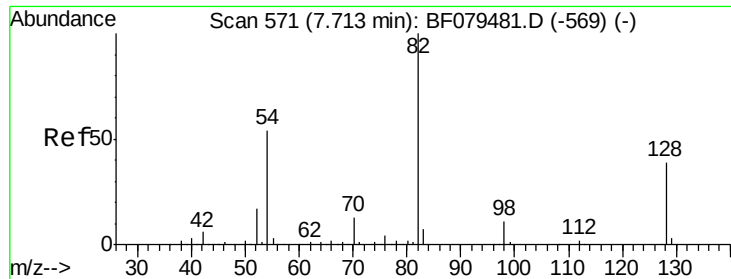
Tot Ion	99
Sig	Exp Ratio
99	100
42	14.9
71	27.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion	136	Resp	315284
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.7	6.6	9.8
68	6.0	4.7	7.1

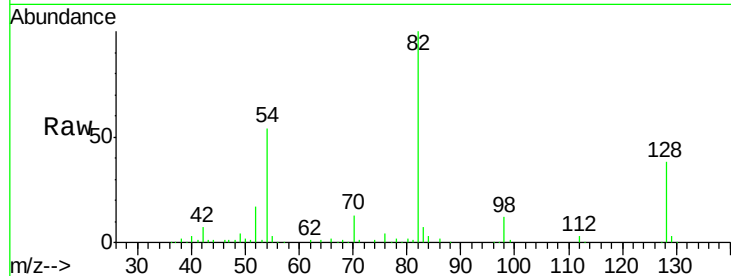




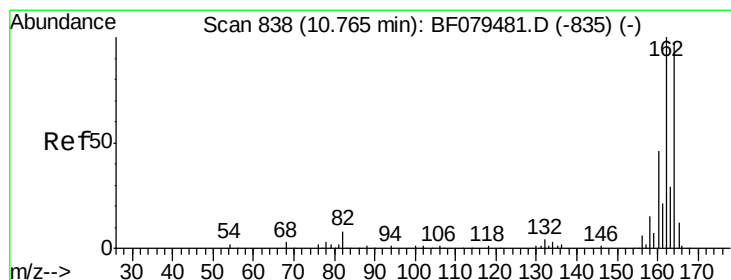
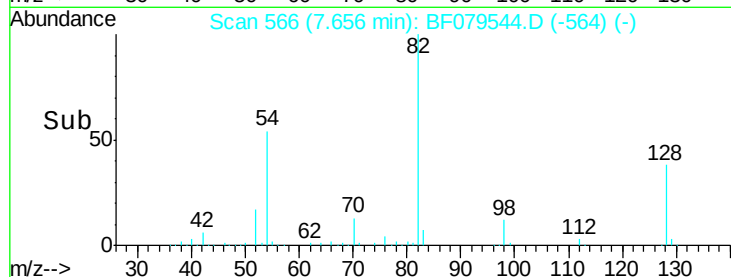
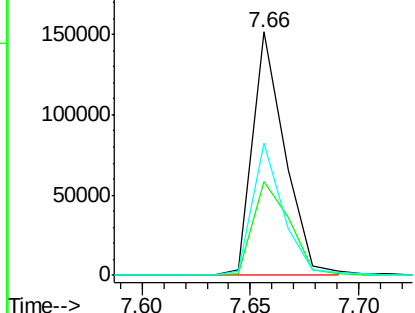
#23
 Nitrobenzene-d5
 Concen: 28.83 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	157225
Ion Ratio	100	Lower	Upper
128	38.5	30.8	46.2
54	54.1	42.8	64.2

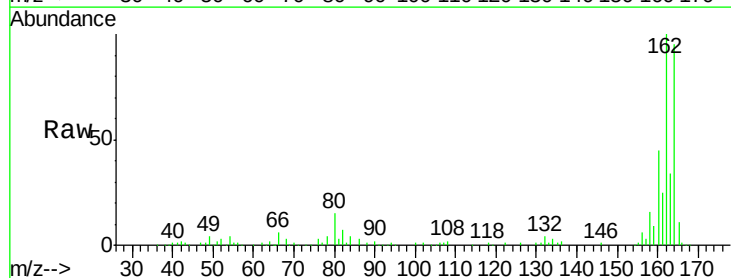


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

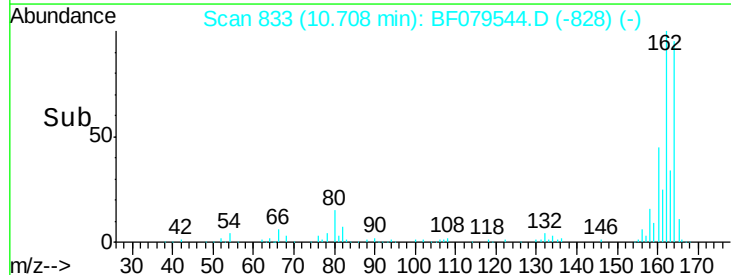
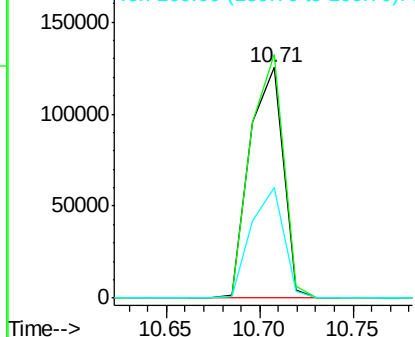


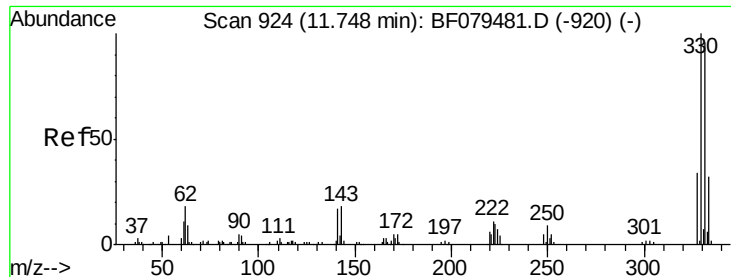
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.71 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion	164	Resp	155483
Ion Ratio	100	Lower	Upper
162	105.7	82.6	124.0
160	47.8	37.7	56.5



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

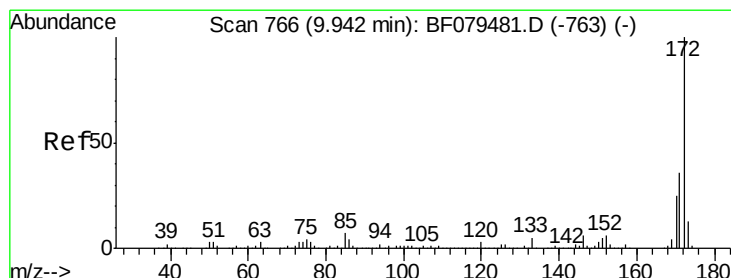
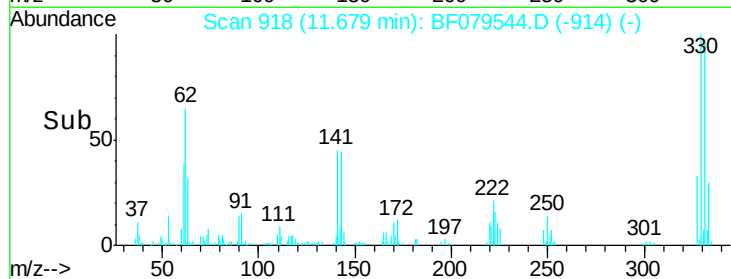
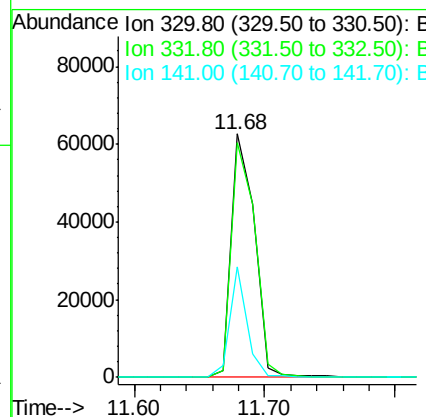
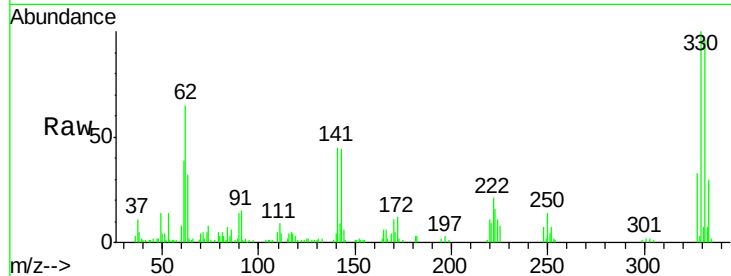




#41
 2,4,6-Tribromophenol
 Concen: 45.51 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

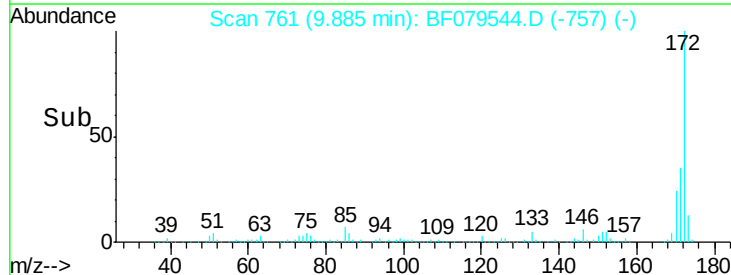
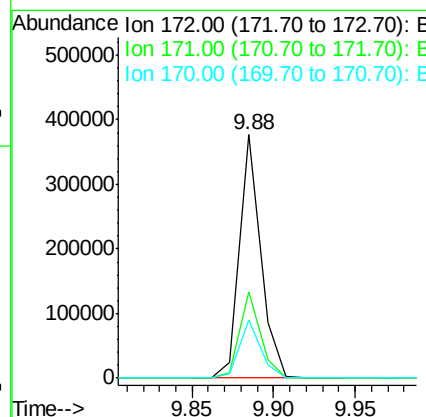
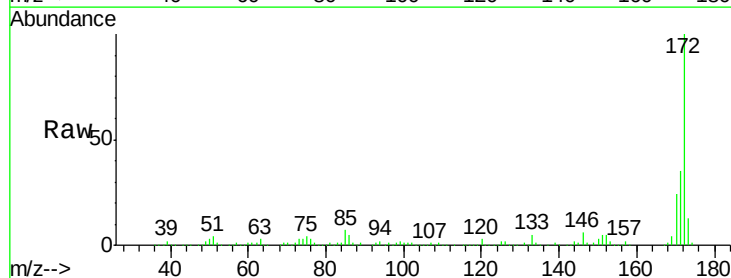
Instrument :
 BNA_F
 ClientSampleId :

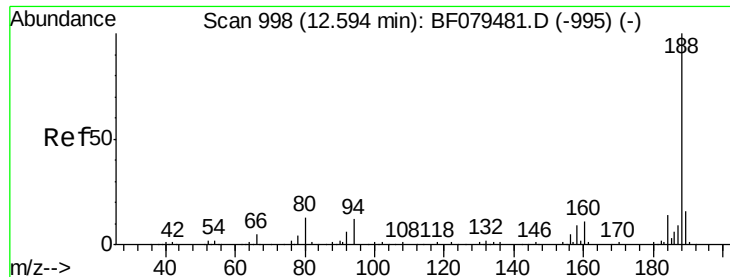
Tot Ion:330 Resp: 77729
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 34.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 30.93 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion:172 Resp: 337121
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.6 19.7 29.5

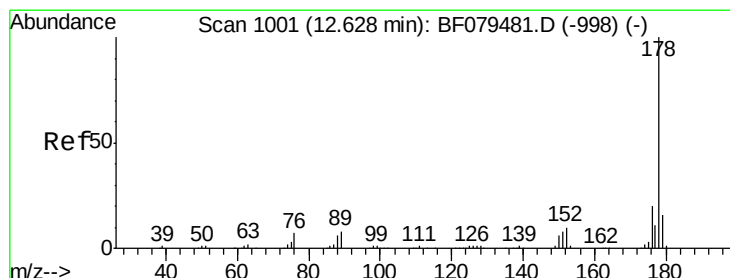
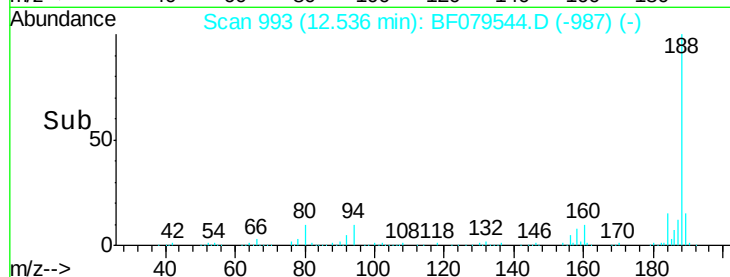
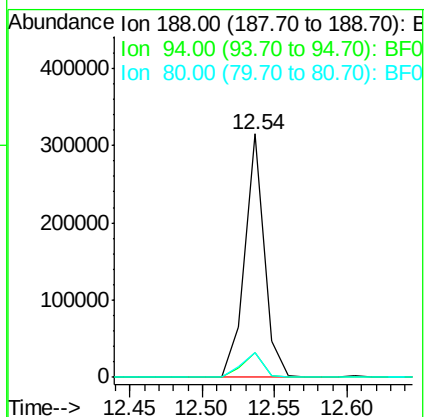
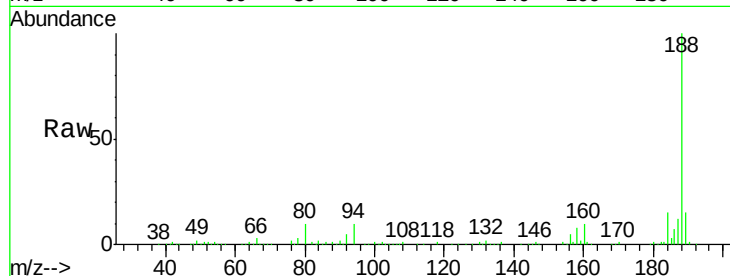




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

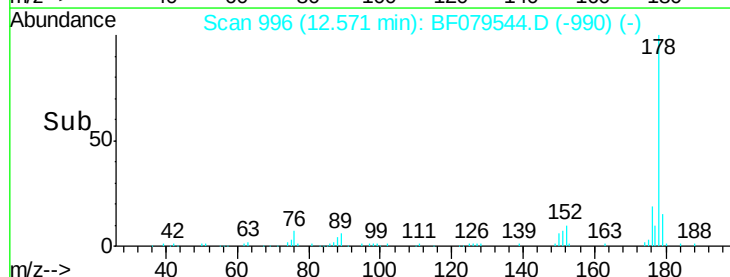
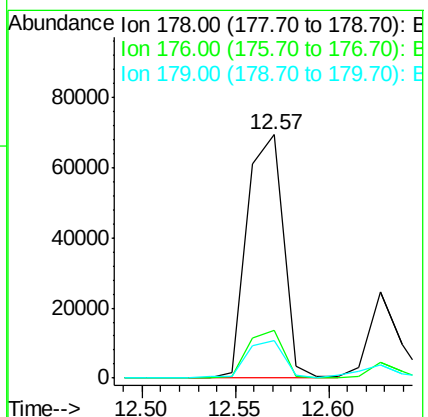
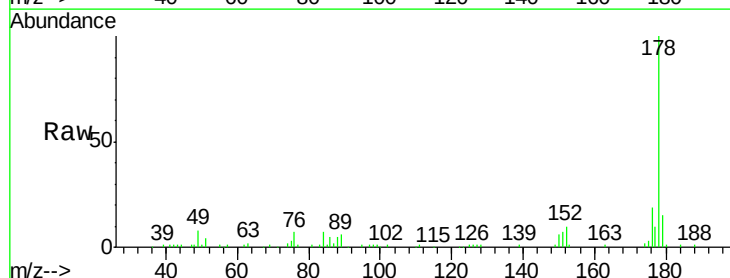
Instrument :
BNA_F
ClientSampleId :

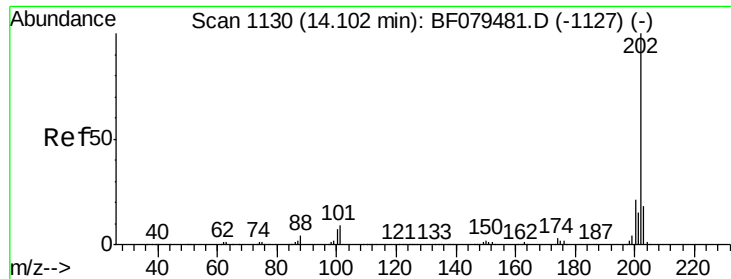
Tot Ion:188 Resp: 295012
Ion Ratio Lower Upper
188 100
94 9.9 9.8 14.6
80 10.2 10.5 15.7#



#70
Phenanthrene
Concen: 5.79 ng
RT: 12.57 min Scan# 996
Delta R.T. -0.06 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:178 Resp: 93669
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.4 18.6

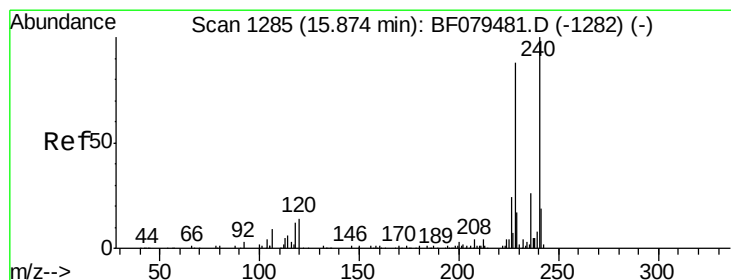
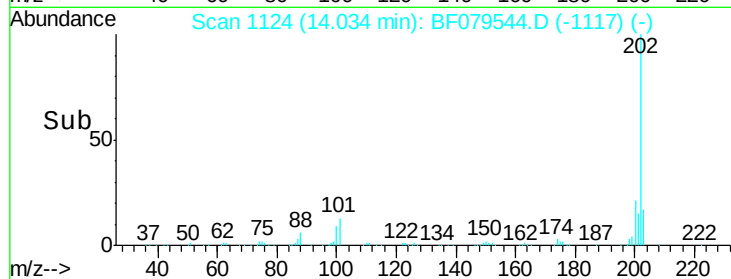
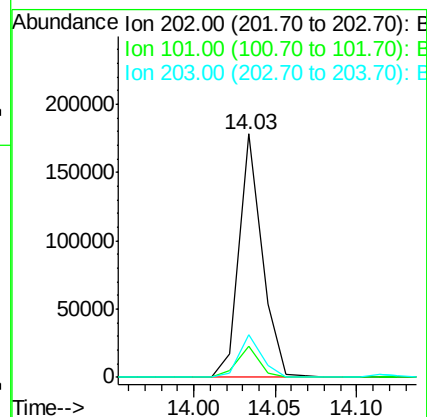
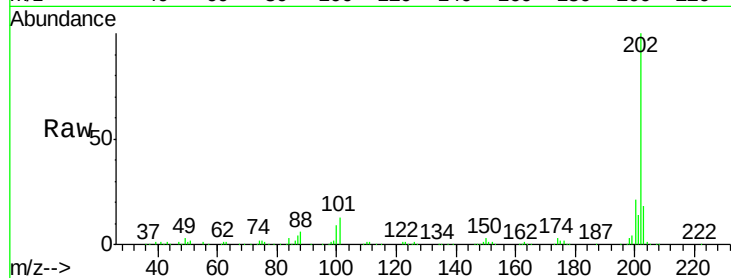




#74
Fluoranthene
Concen: 9.99 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

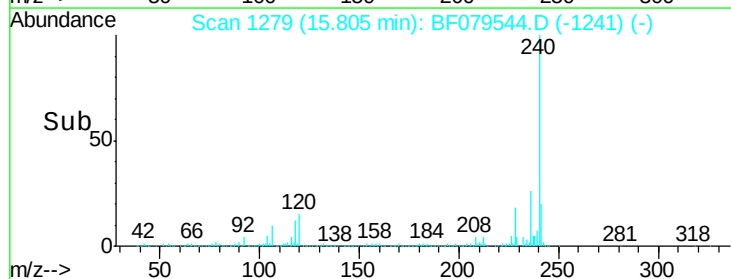
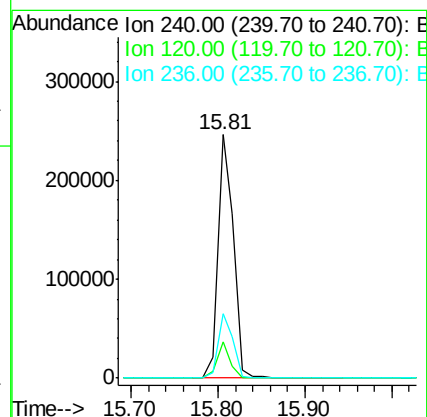
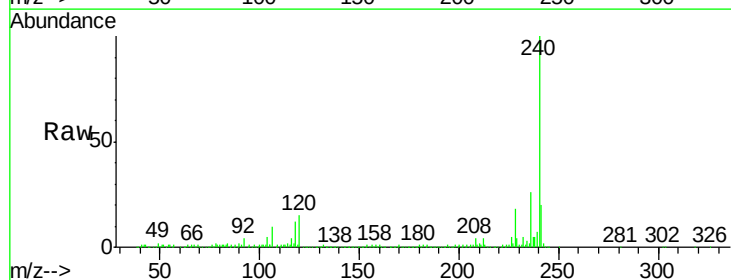
Instrument :
BNA_F
ClientSampleId :

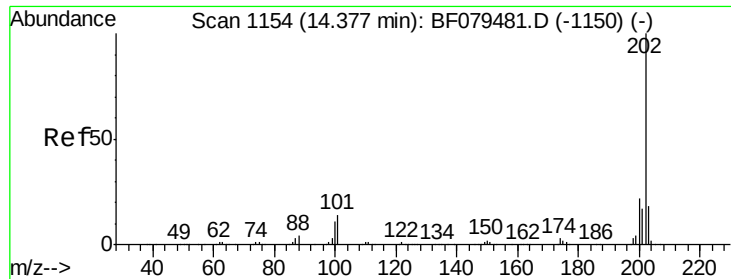
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	29.3
203	17.6	0.0	37.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	10.8	16.2
236	26.5	21.0	31.6

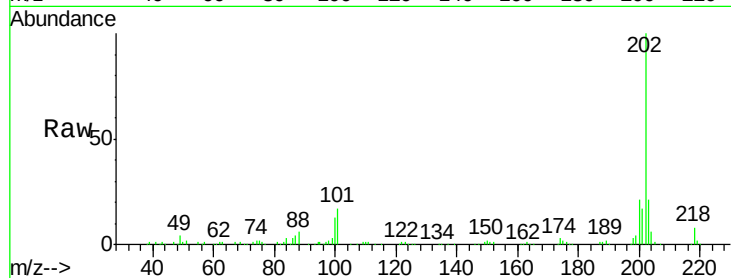




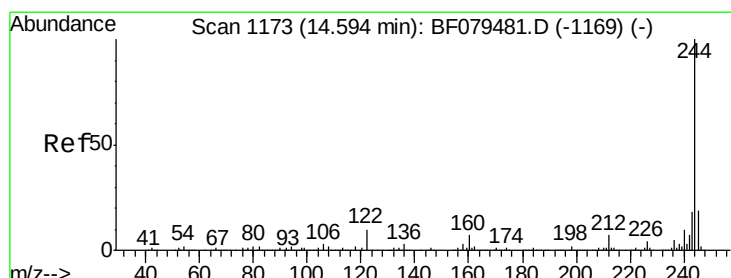
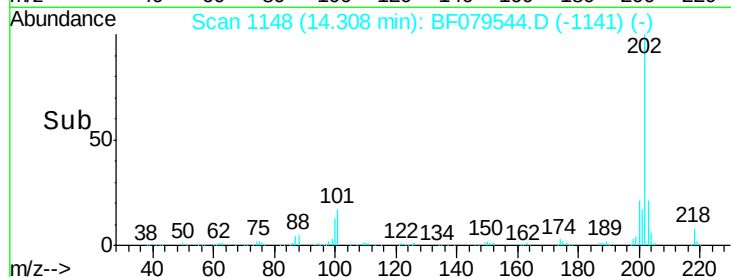
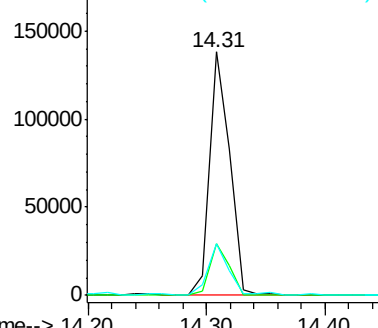
#77
Pvrene
Concen: 8.54 ng
RT: 14.31 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 162477
Ion Ratio Lower Upper
202 100
200 21.2 17.5 26.3
203 21.0 14.4 21.6

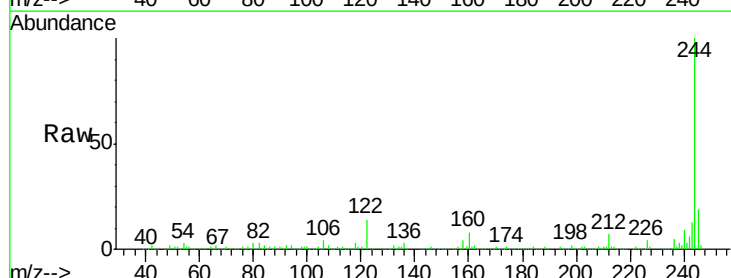


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

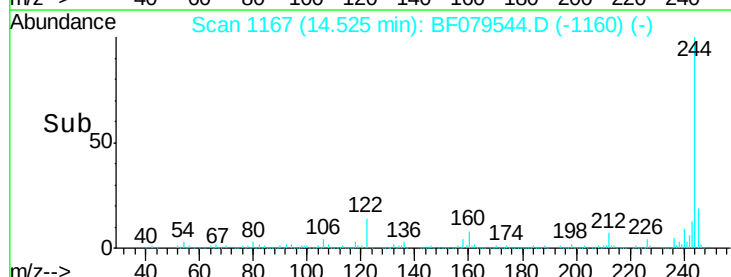
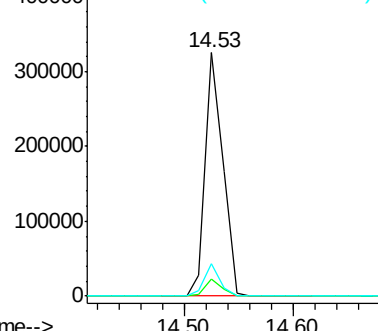


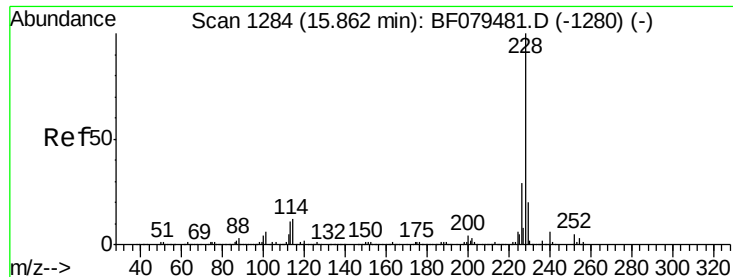
#78
Terphenyl-d14
Concen: 27.56 ng
RT: 14.53 min Scan# 1167
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:244 Resp: 360512
Ion Ratio Lower Upper
244 100
212 6.8 5.2 7.8
122 13.5 8.0 12.0#



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

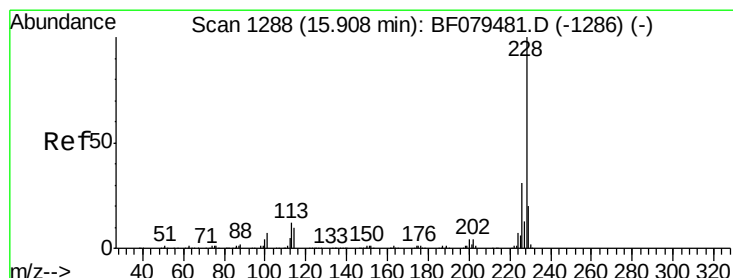
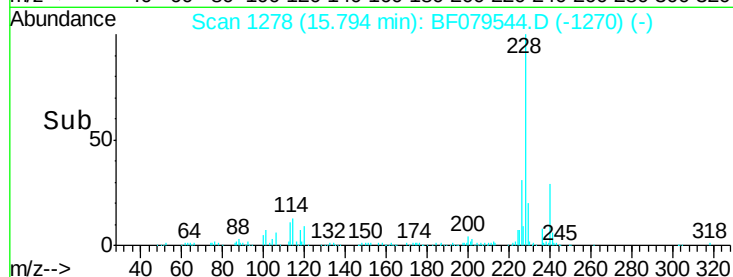
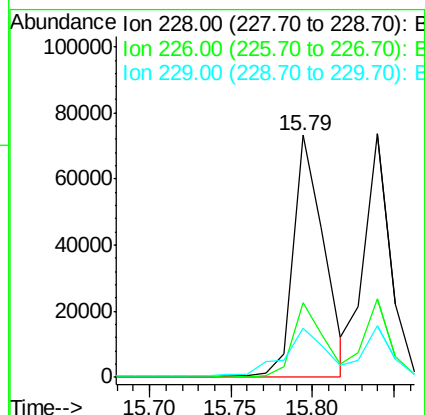
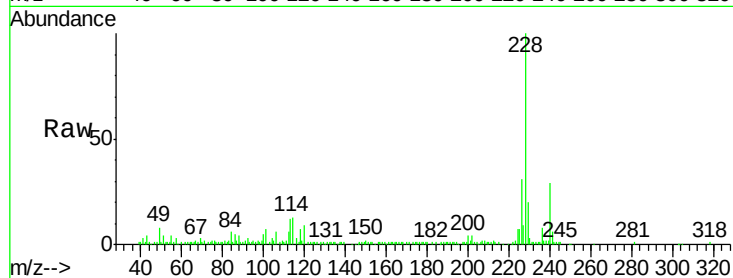




#80
Benzo(a)anthracene
Concen: 5.43 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

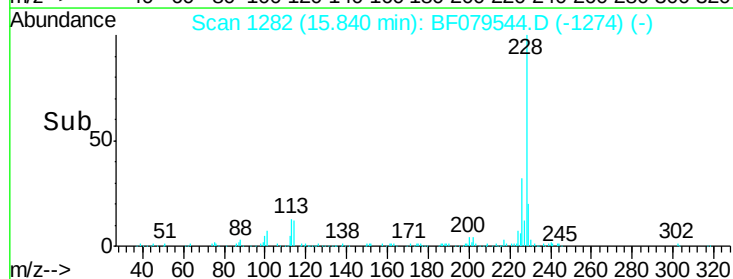
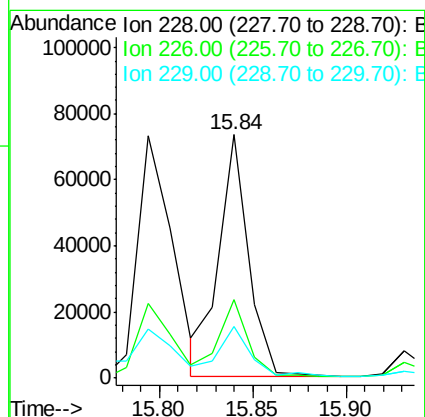
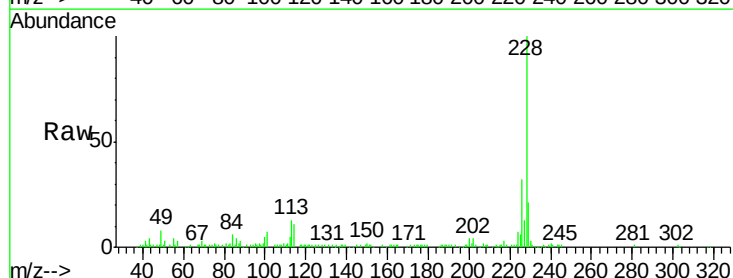
Instrument :
BNA_F
ClientSampleId :

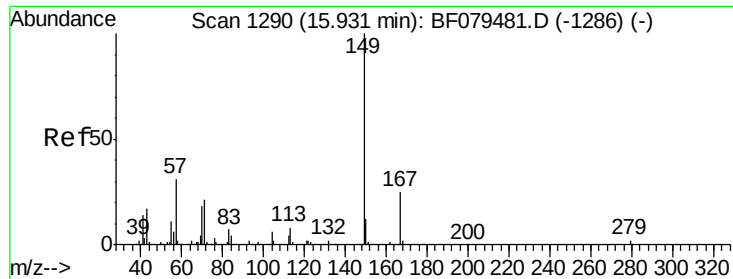
Tot Ion:228 Resp: 95930
Ion Ratio Lower Upper
228 100
226 30.8 22.8 34.2
229 20.4 15.9 23.9



#82
Chrysene
Concen: 4.84 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:228 Resp: 81336
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.4
229 21.2 15.9 23.9

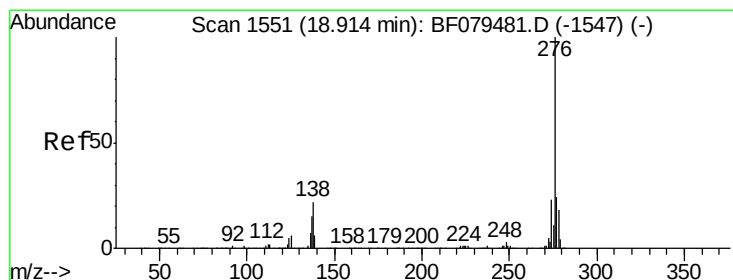
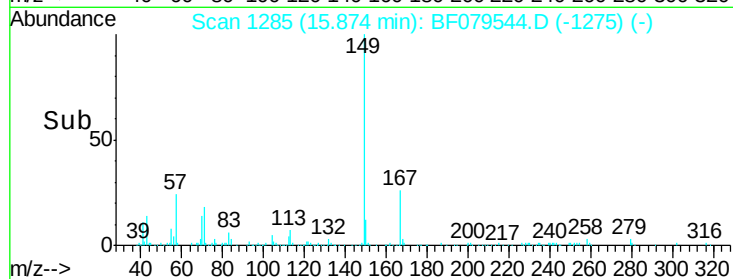
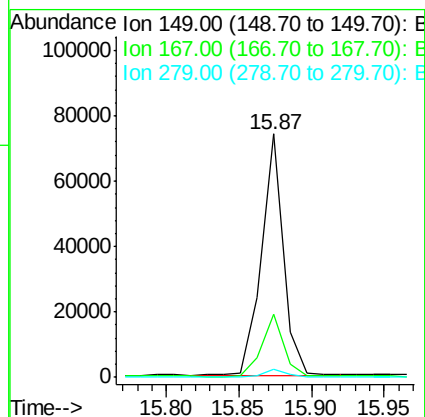
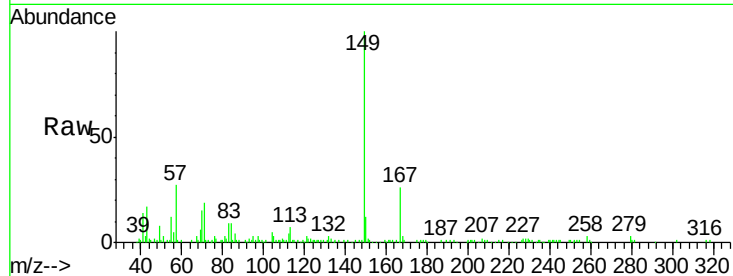




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.31 ng
 RT: 15.87 min Scan# 1285
 Delta R.T. -0.06 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

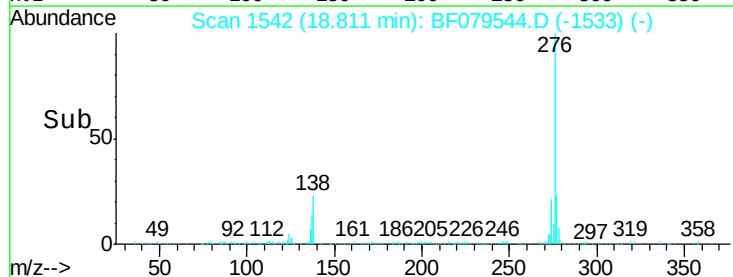
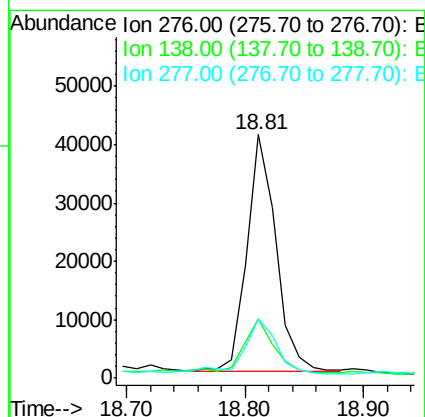
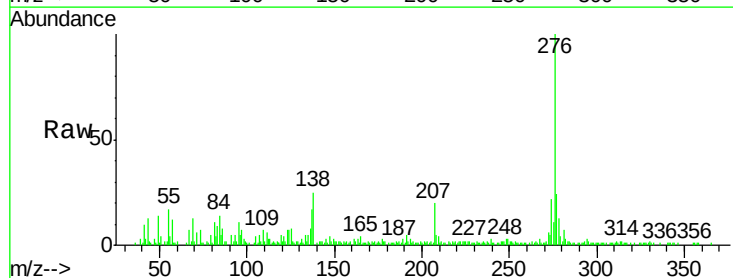
Instrument :
 BNA_F
 ClientSampleId :

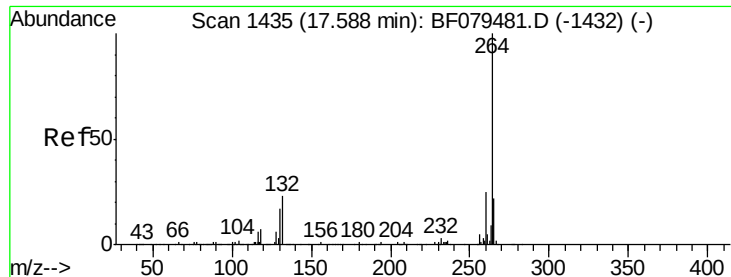
Tot Ion:149 Resp: 77321
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.2 30.4
 279 3.3 2.0 3.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.20 ng
 RT: 18.81 min Scan# 1542
 Delta R.T. -0.10 min
 Lab File: BF079544.D
 Acq: 28 May 2015 15:07

Tgt Ion:276 Resp: 69111
 Ion Ratio Lower Upper
 276 100
 138 24.2 21.4 32.2
 277 26.1 19.8 29.6

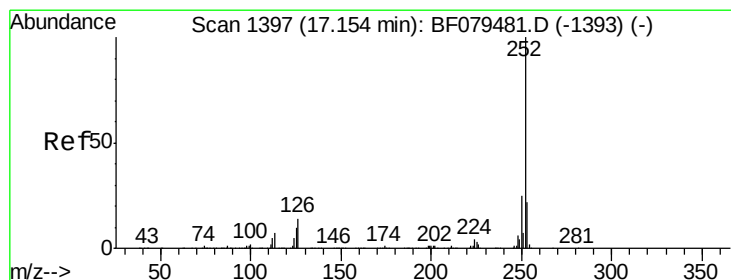
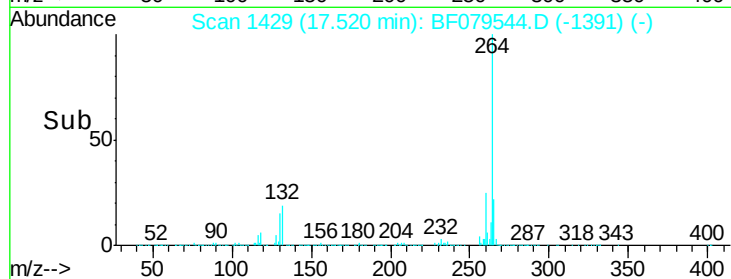
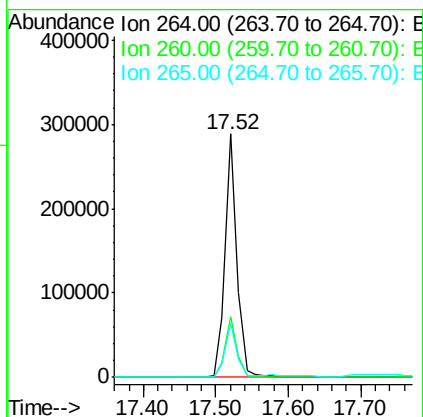
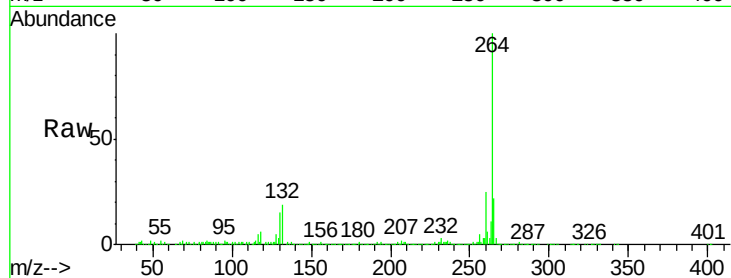




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

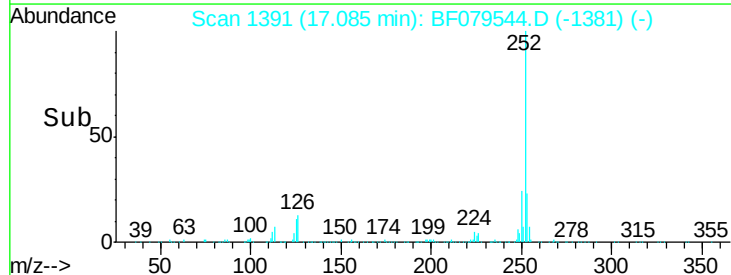
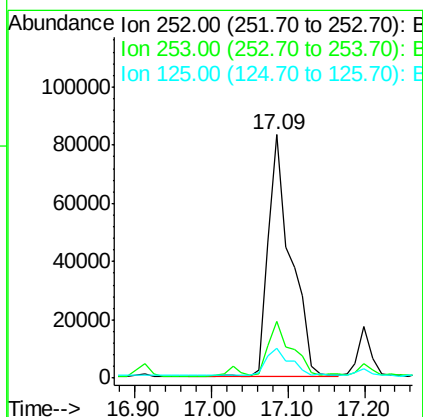
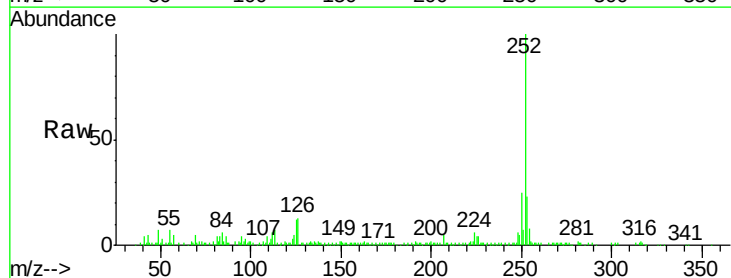
Instrument :
BNA_F
ClientSampleId :

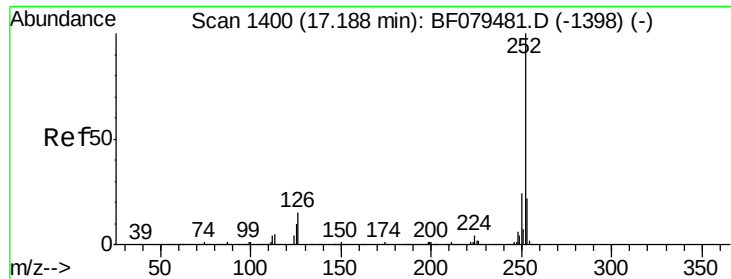
Tot Ion:264 Resp: 332572
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.8
265 22.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 9.06 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:252 Resp: 171827
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.1 7.8 11.6#

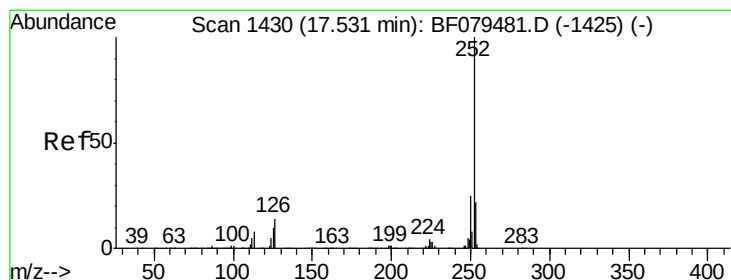
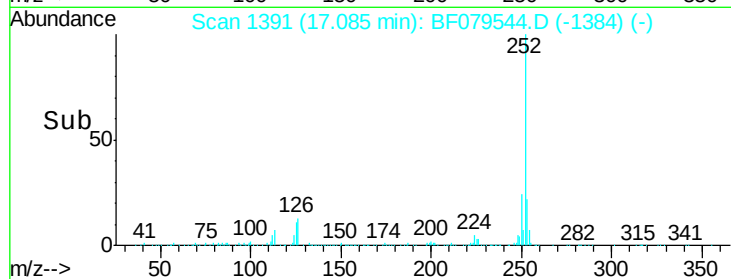
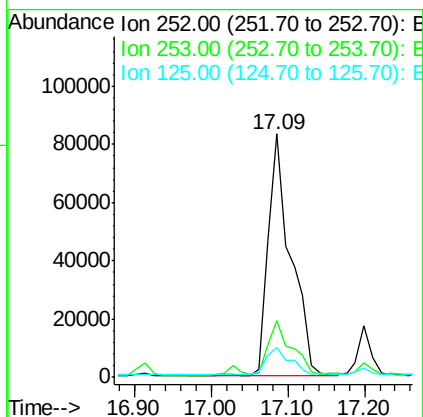
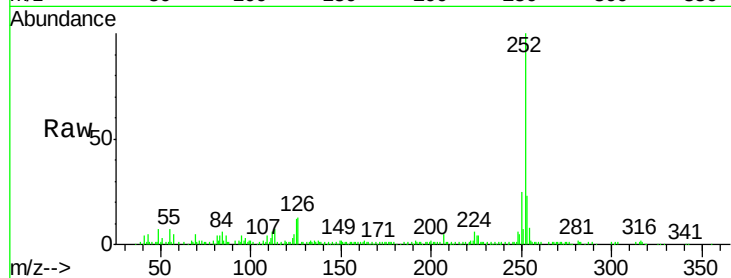




#88
Benzo(k)fluoranthene
Concen: 10.13 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.10 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 171827
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 12.1 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 3.91 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.07 min
Lab File: BF079544.D
Acq: 28 May 2015 15:07

Tgt Ion:252 Resp: 94237
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 8.9 7.9 11.9

