

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079512.D
 Acq On : 27 May 2015 9:31
 Operator : TP/IZ
 Sample : G2383-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 12:21:19 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	7.02	152	70043	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	293052	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	150507	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	296574	20.00	ng	0.01
75) Chrysene-d12	15.90	240	324051	20.00	ng	0.02
86) Perylene-d12	17.71	264	341218	20.00	ng	0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	415222	102.82	ng	0.00
7) Phenol-d6	6.62	99	576830	112.07	ng	0.00
23) Nitrobenzene-d5	7.71	82	335671	66.21	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	185504	112.21	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	668486	63.37	ng	0.00
78) Terphenyl-d14	14.59	244	818855	59.30	ng	0.00

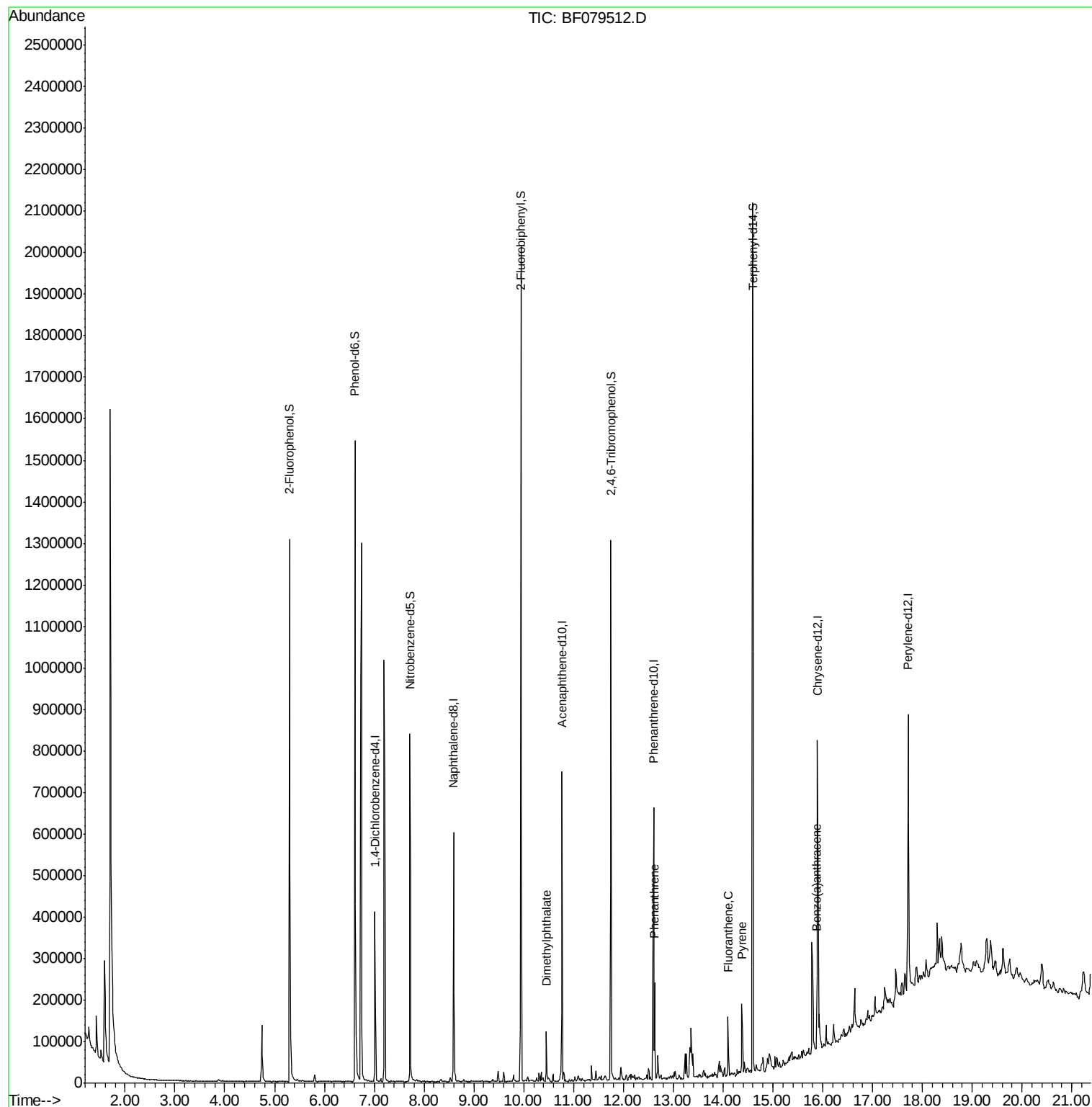
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.46	163	49697	4.48	ng	100
70) Phenanthrene	12.63	178	94249	5.79	ng	100
73) Di-n-butylphthalate	13.36	149	5224	Below Cal	#	76
74) Fluoranthene	14.10	202	63190	3.62	ng	97
77) Pyrene	14.38	202	87671	4.37	ng	94
80) Benzo(a)anthracene	15.89	228	37744	2.02	ng	95
89) Benzo(a)pyrene	17.65	252	24662	Below Cal	#	76
90) Dibenzo(a,h)anthracene	19.10	278	8776	Below Cal	#	58
91) Benzo(g,h,i)perylene	19.47	276	14646	Below Cal	#	89

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

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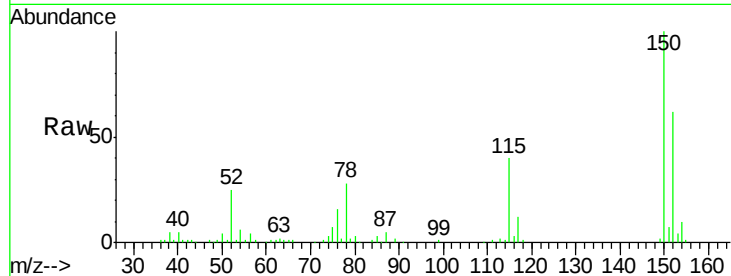


#1

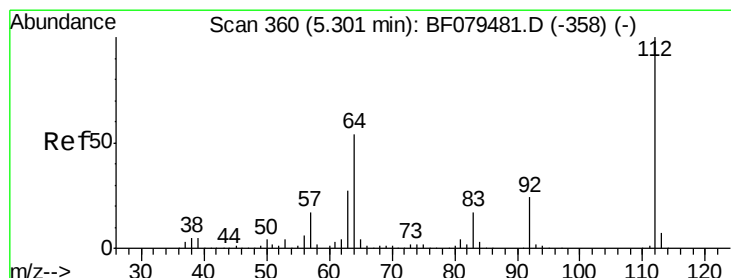
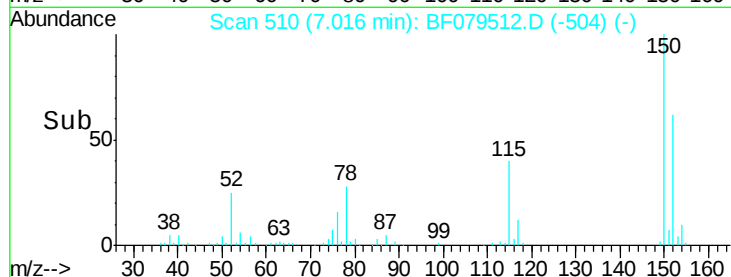
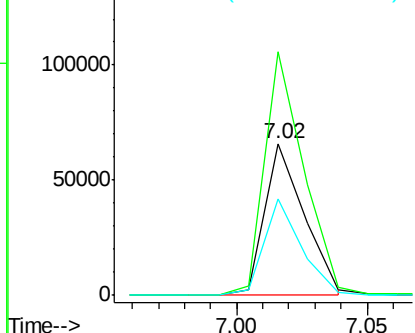
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70043
Ion Ratio Lower Upper
152 100
150 160.4 124.0 186.0
115 63.8 49.6 74.4



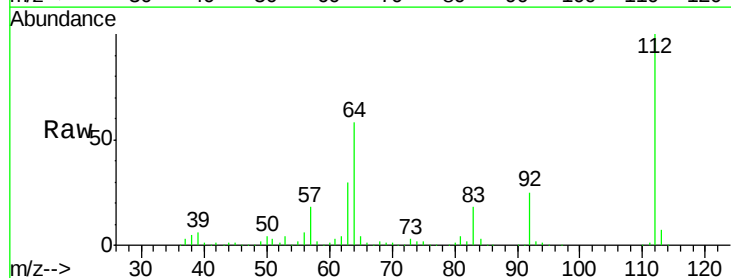
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



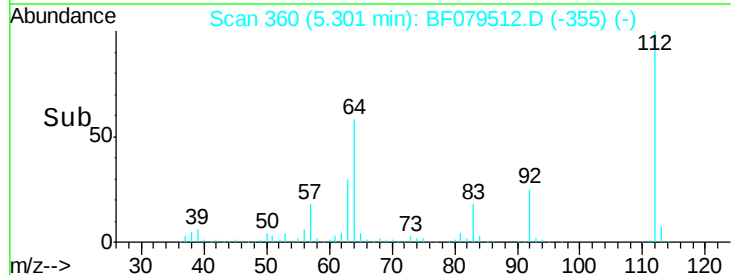
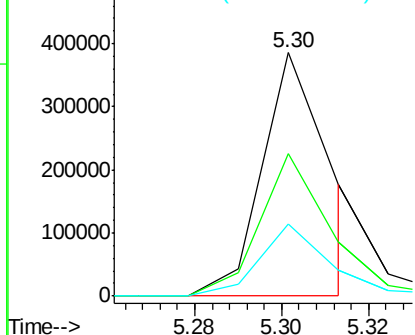
#5

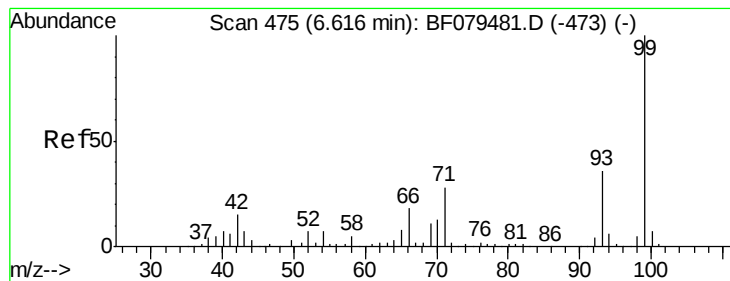
2-Fluorophenol
Concen: 102.82 ng
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion:112 Resp: 415222
Ion Ratio Lower Upper
112 100
64 58.4 43.5 65.3
63 29.6 21.8 32.8



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





#7

Phenol-d6

Concen: 112.07 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

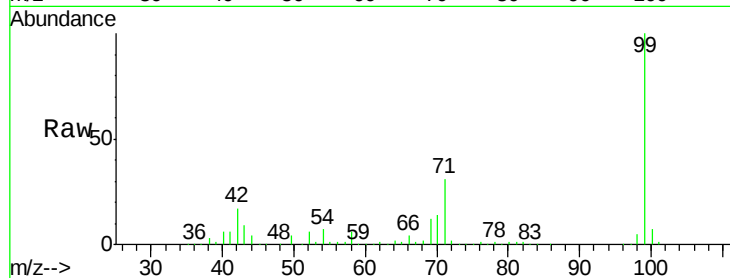
Tot Ion: 99 Resp: 576830

Ion Ratio Lower Upper

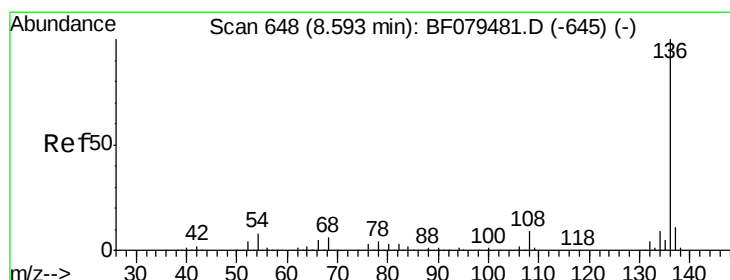
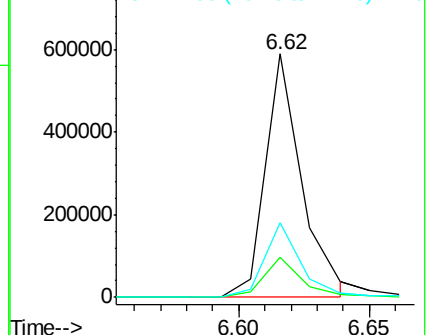
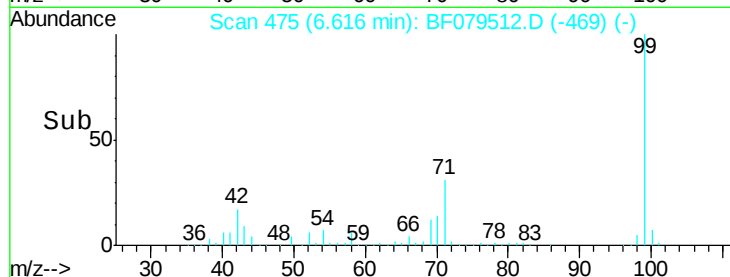
99 100

42 16.6 11.9 17.9

71 30.8 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079512.D (-469) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Tgt Ion: 136 Resp: 293052

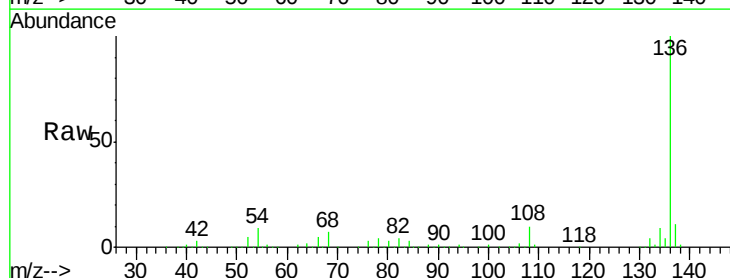
Ion Ratio Lower Upper

136 100

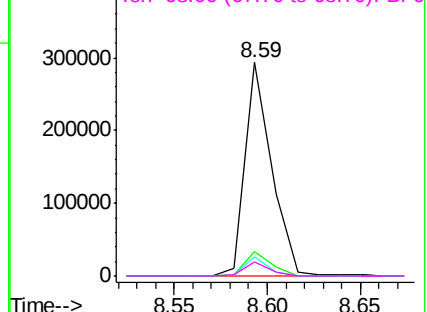
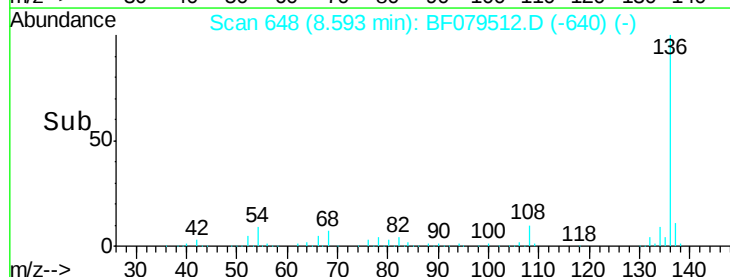
137 11.2 8.5 12.7

54 8.9 6.6 9.8

68 6.5 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BF079512.D (-640) (-)

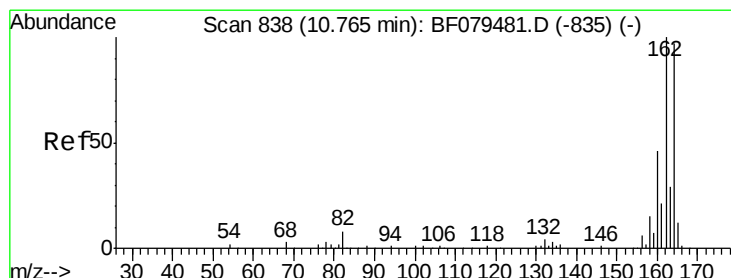
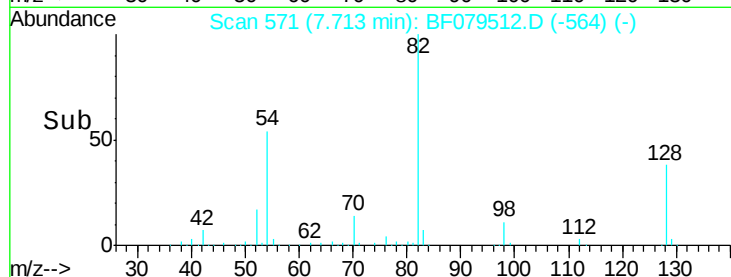
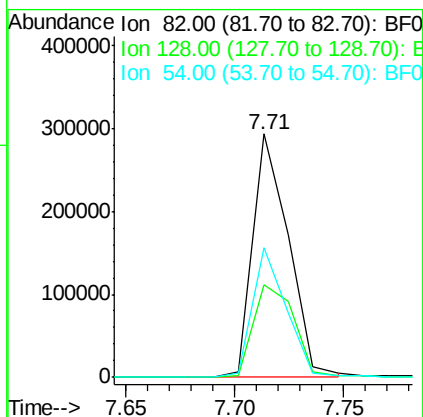
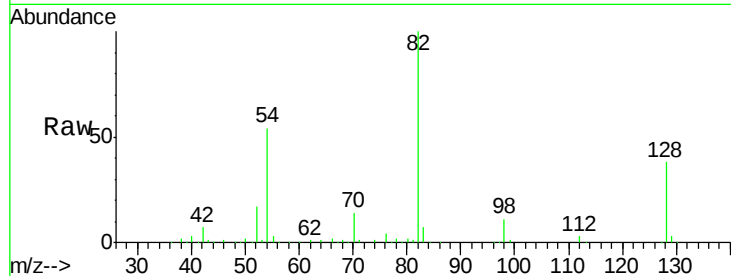




#23
Nitrobenzene-d5
Concen: 66.21 ng
RT: 7.71 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

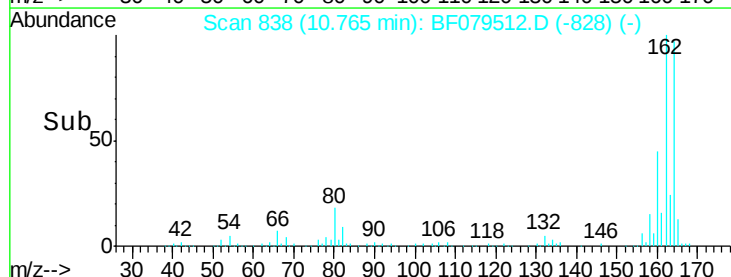
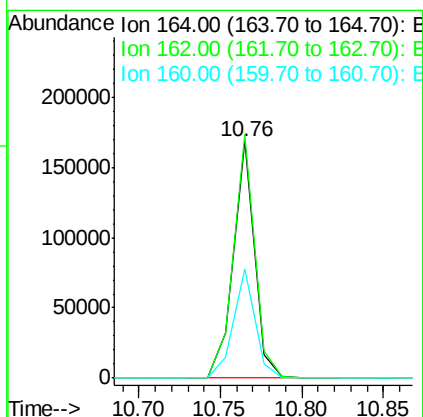
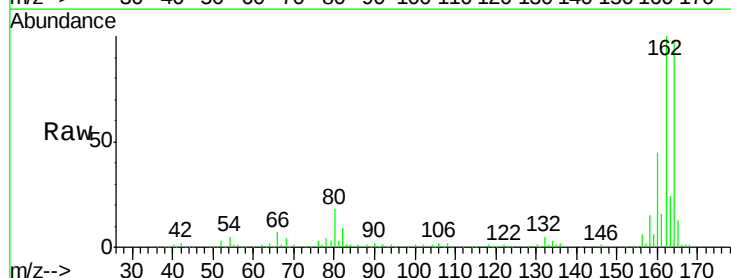
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	335671
Ion Ratio	100	Lower	Upper
128	38.1	30.8	46.2
54	53.5	42.8	64.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion	164	Resp	150507
Ion Ratio	100	Lower	Upper
162	102.7	82.6	124.0
160	45.8	37.7	56.5

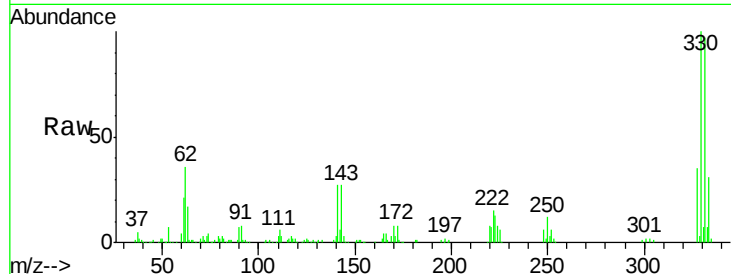




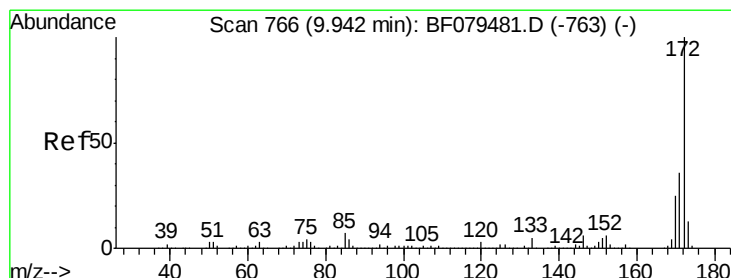
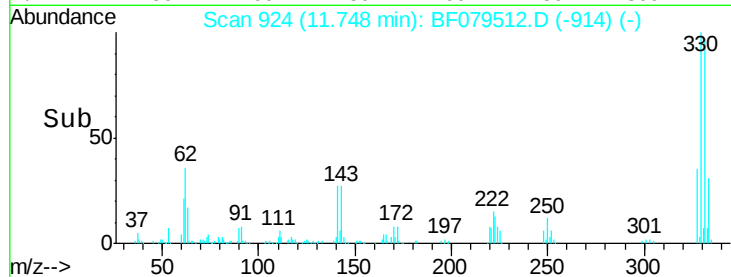
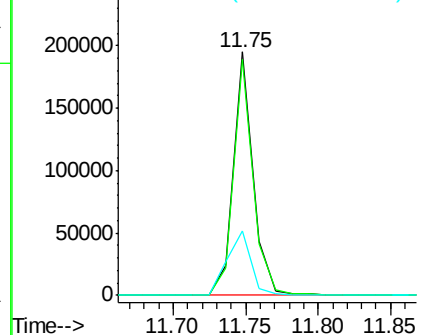
#41
 2,4,6-Tribromophenol
 Concen: 112.21 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	32.1	0.0	0.0#

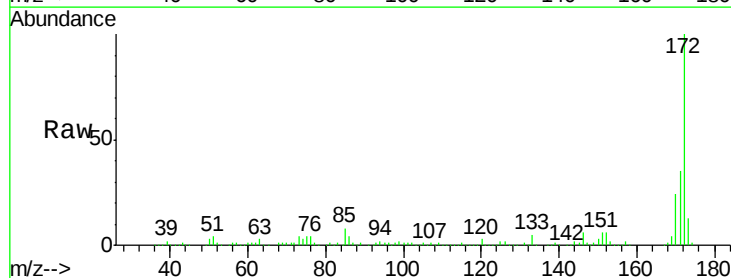


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

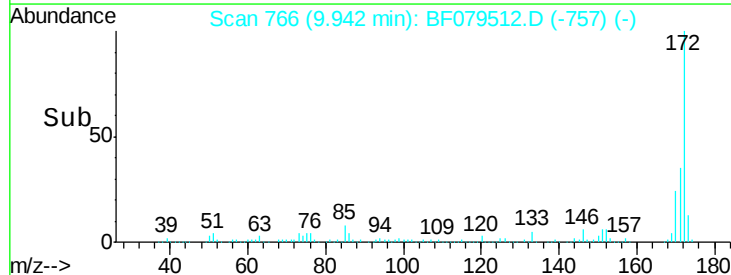
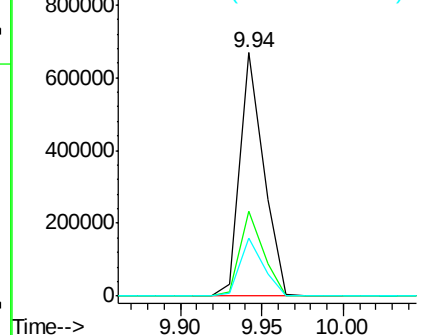


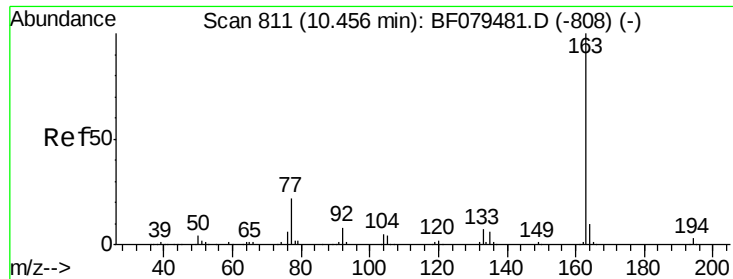
#44
 2-Fluorobiphenyl
 Concen: 63.37 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.8	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

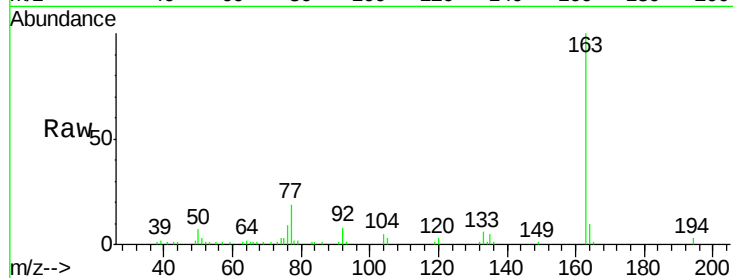




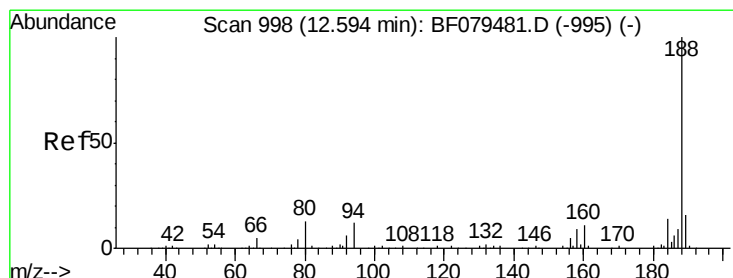
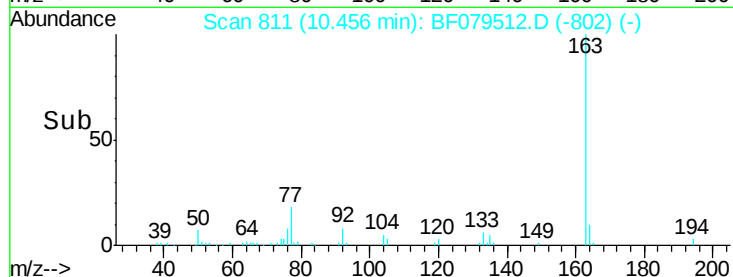
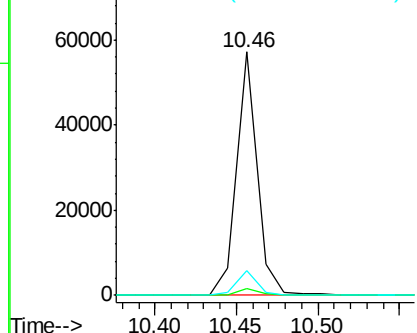
#49
Dimethylphthalate
Concen: 4.48 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 49697
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.2 12.4

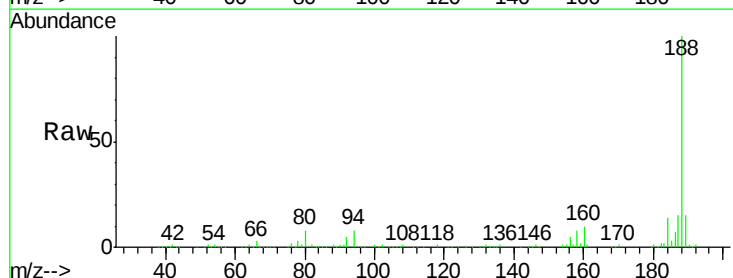


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

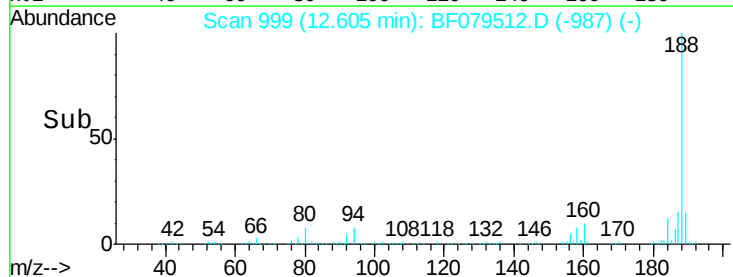
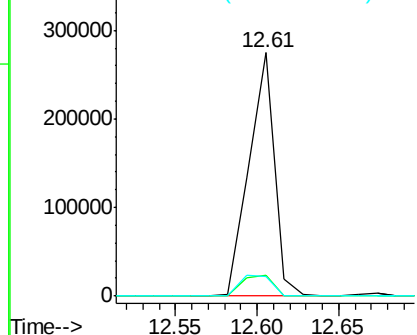


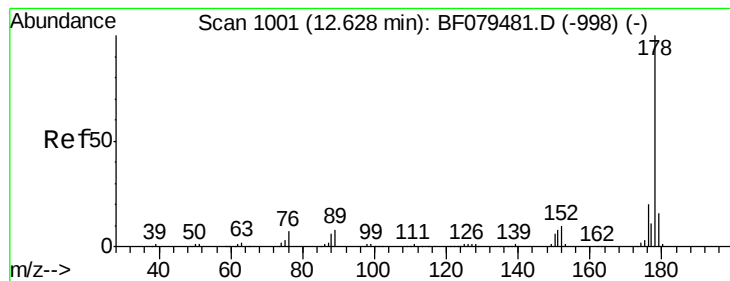
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion:188 Resp: 296574
Ion Ratio Lower Upper
188 100
94 8.3 9.8 14.6#
80 8.1 10.5 15.7#



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





#70

Phenanthrene

Concen: 5.79 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

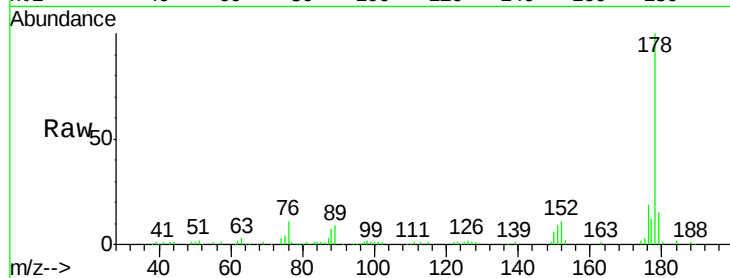
Tot Ion:178 Resp: 94249

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

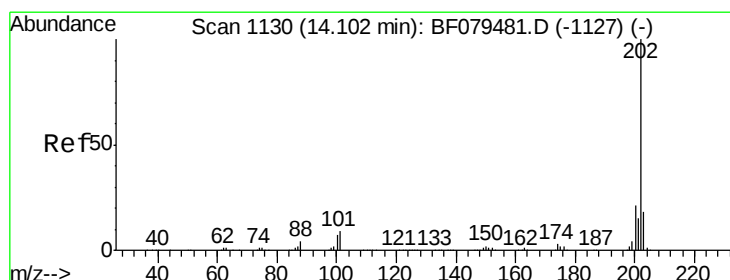
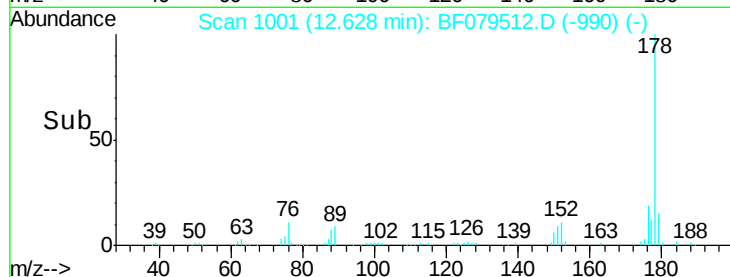
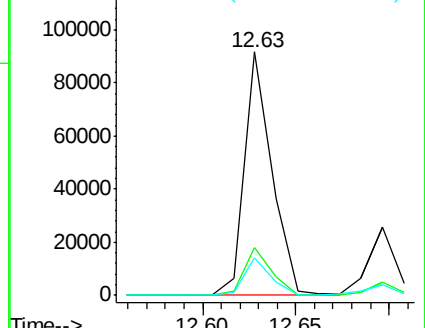
179 15.4 12.4 18.6



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



#74

Fluoranthene

Concen: 3.62 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

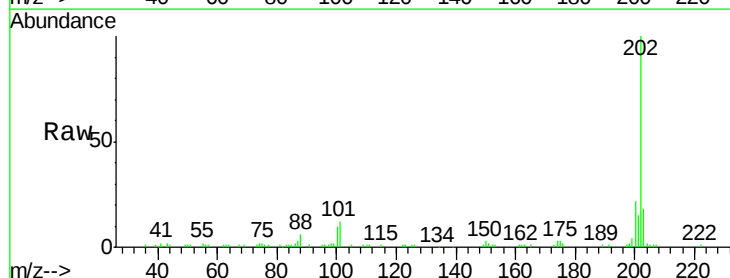
Tgt Ion:202 Resp: 63190

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.3

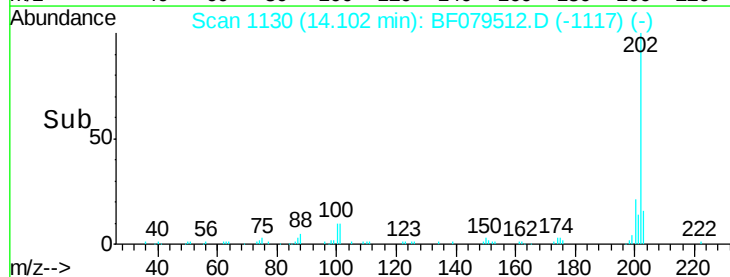
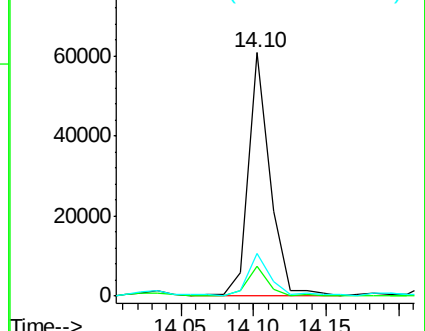
203 17.6 0.0 37.6

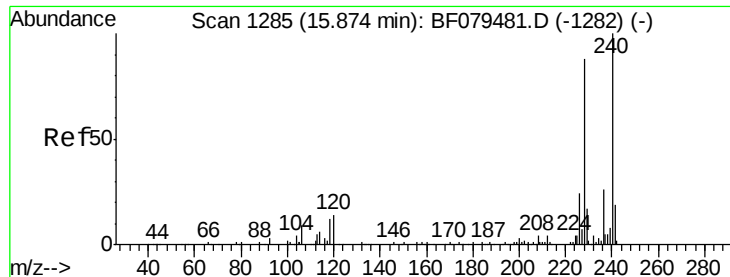


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.90 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

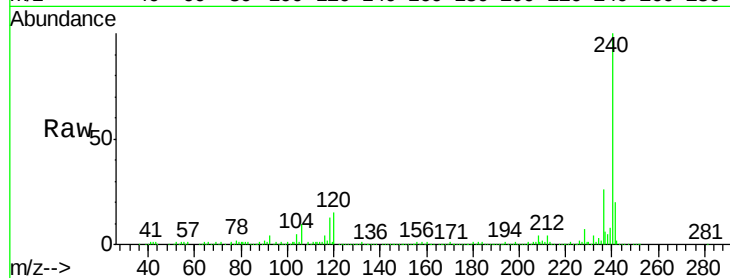
Tot Ion:240 Resp: 324051

Ion Ratio Lower Upper

240 100

120 14.8 10.8 16.2

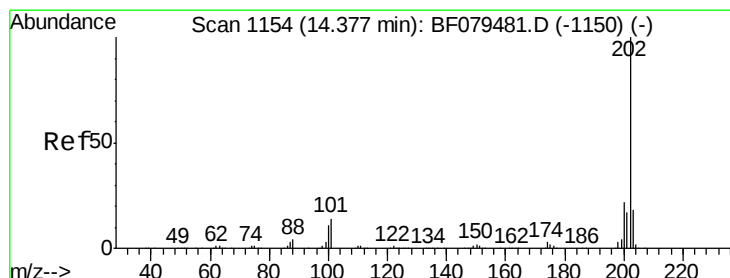
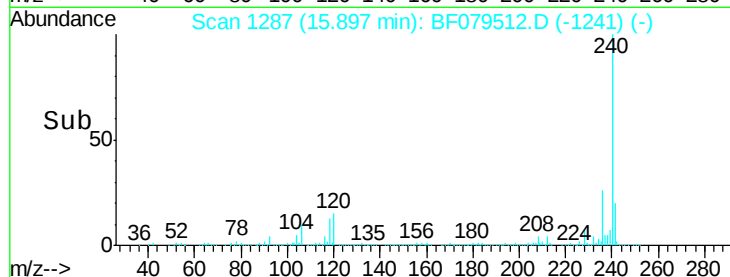
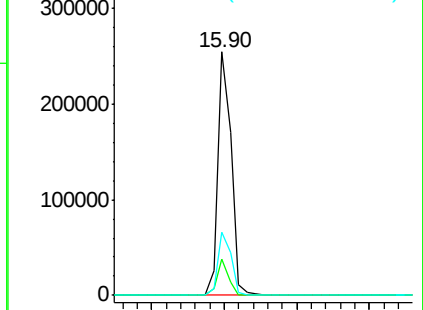
236 25.7 21.0 31.6



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



#77

Pyrene

Concen: 4.37 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

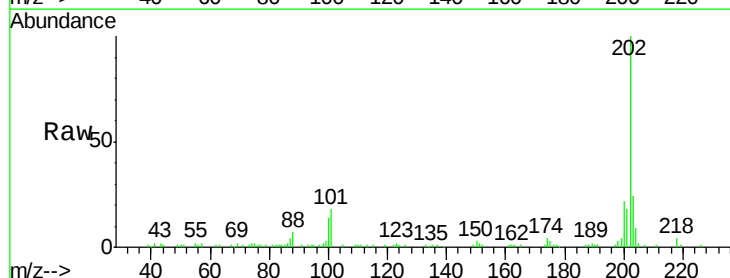
Tgt Ion:202 Resp: 87671

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

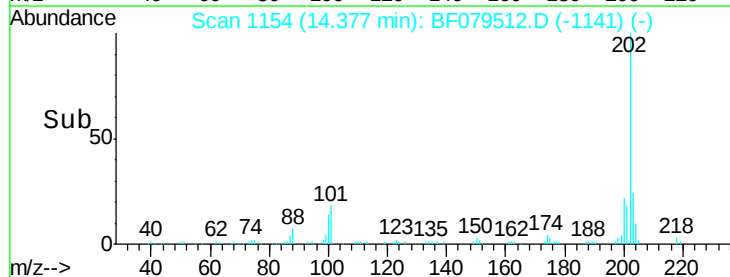
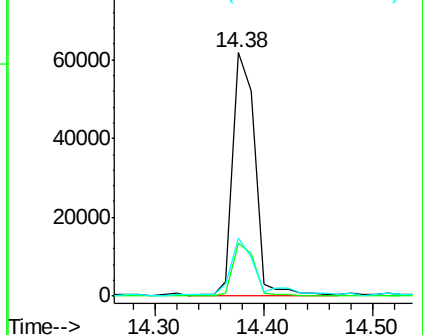
203 23.7 14.4 21.6#

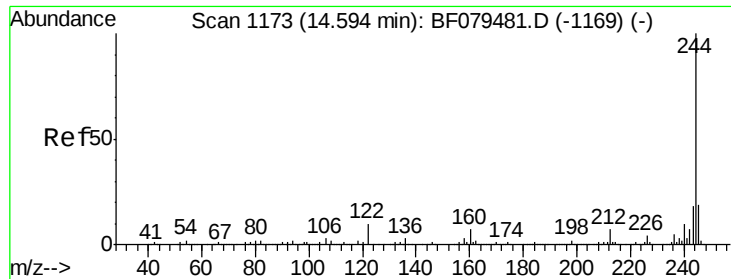


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

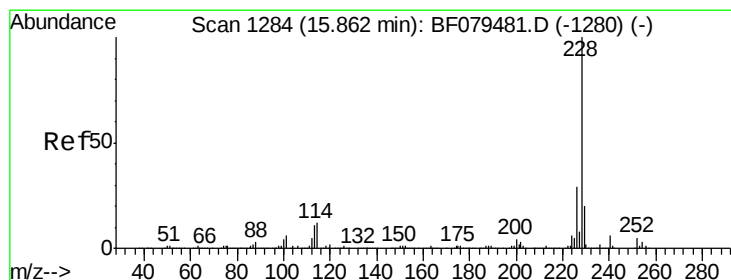
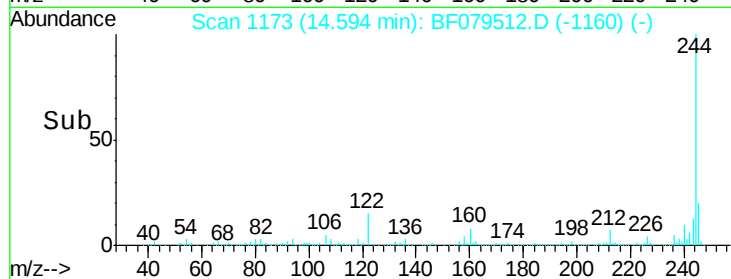
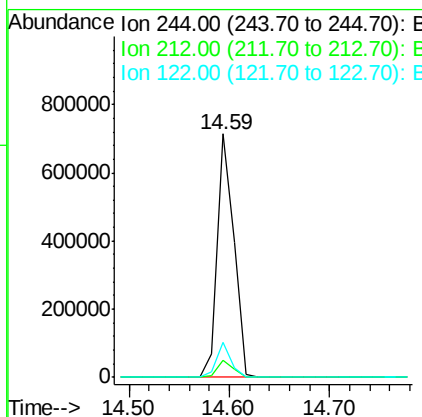
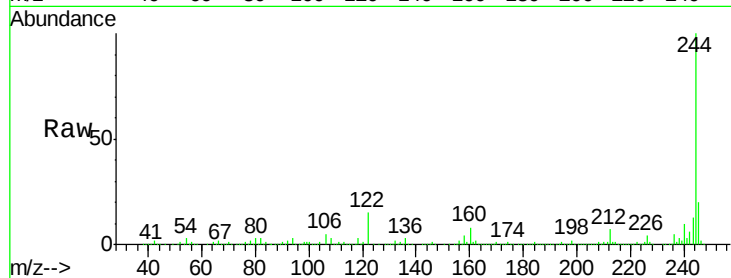




#78
 Terphenyl-d14
 Concen: 59.30 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

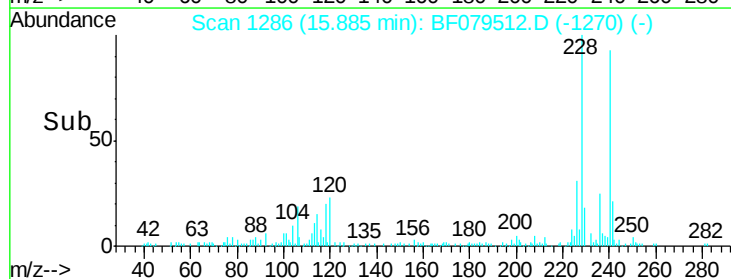
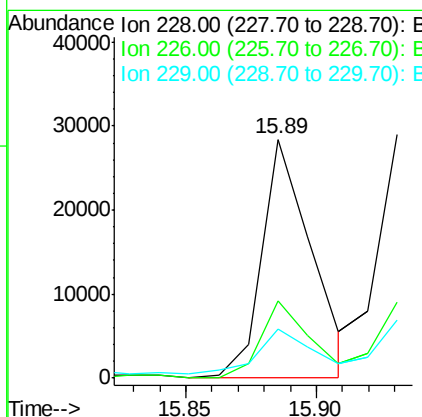
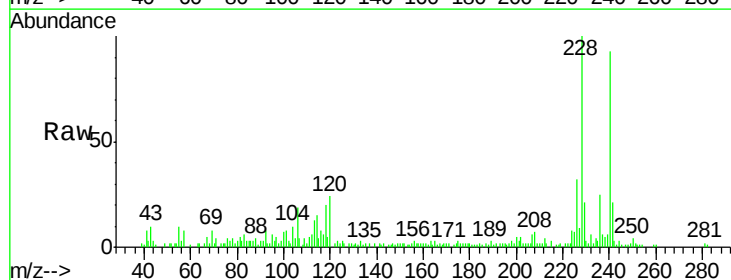
Instrument :
 BNA_F
 ClientSampleID :

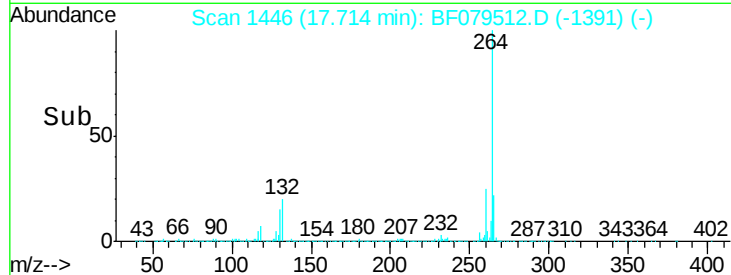
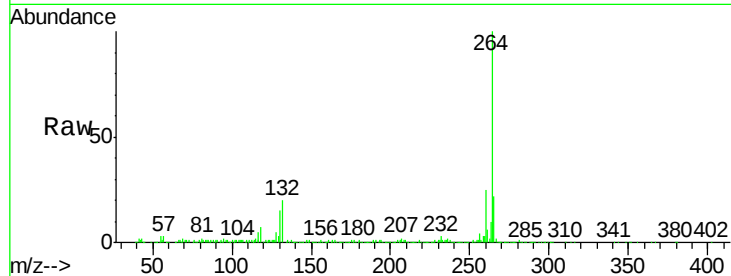
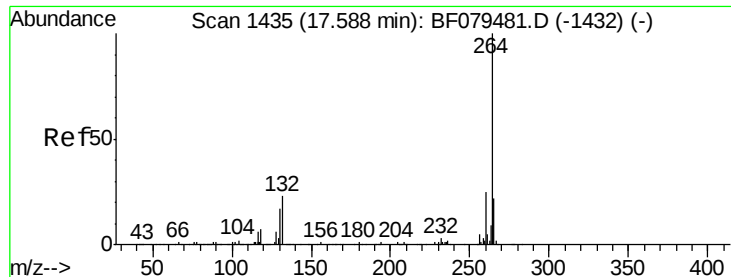
Tot Ion:244 Resp: 818855
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.6 8.0 12.0#



#80
 Benzo(a)anthracene
 Concen: 2.02 ng
 RT: 15.89 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion:228 Resp: 37744
 Ion Ratio Lower Upper
 228 100
 226 32.3 22.8 34.2
 229 20.6 15.9 23.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.13 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	341218
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.8	26.6

