

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079617.D
 Acq On : 30 May 2015 22:06
 Operator : TP/IZ
 Sample : G2420-28 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Quant Time: Jun 01 03:11:45 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 02:59:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65278	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	266189	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	130653	20.00	ng	0.00
63) Phenanthrene-d10	12.51	188	241333	20.00	ng	0.00
75) Chrysene-d12	15.78	240	255684	20.00	ng	0.00
86) Perylene-d12	17.46	264	256729	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	44351	11.78	ng	0.01
7) Phenol-d6	6.55	99	80243	16.73	ng	0.01
23) Nitrobenzene-d5	7.63	82	40055	8.70	ng	0.00
41) 2,4,6-Tribromophenol	11.66	330	29274	20.40	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	117686	12.85	ng	0.00
78) Terphenyl-d14	14.50	244	149965	13.76	ng	0.00

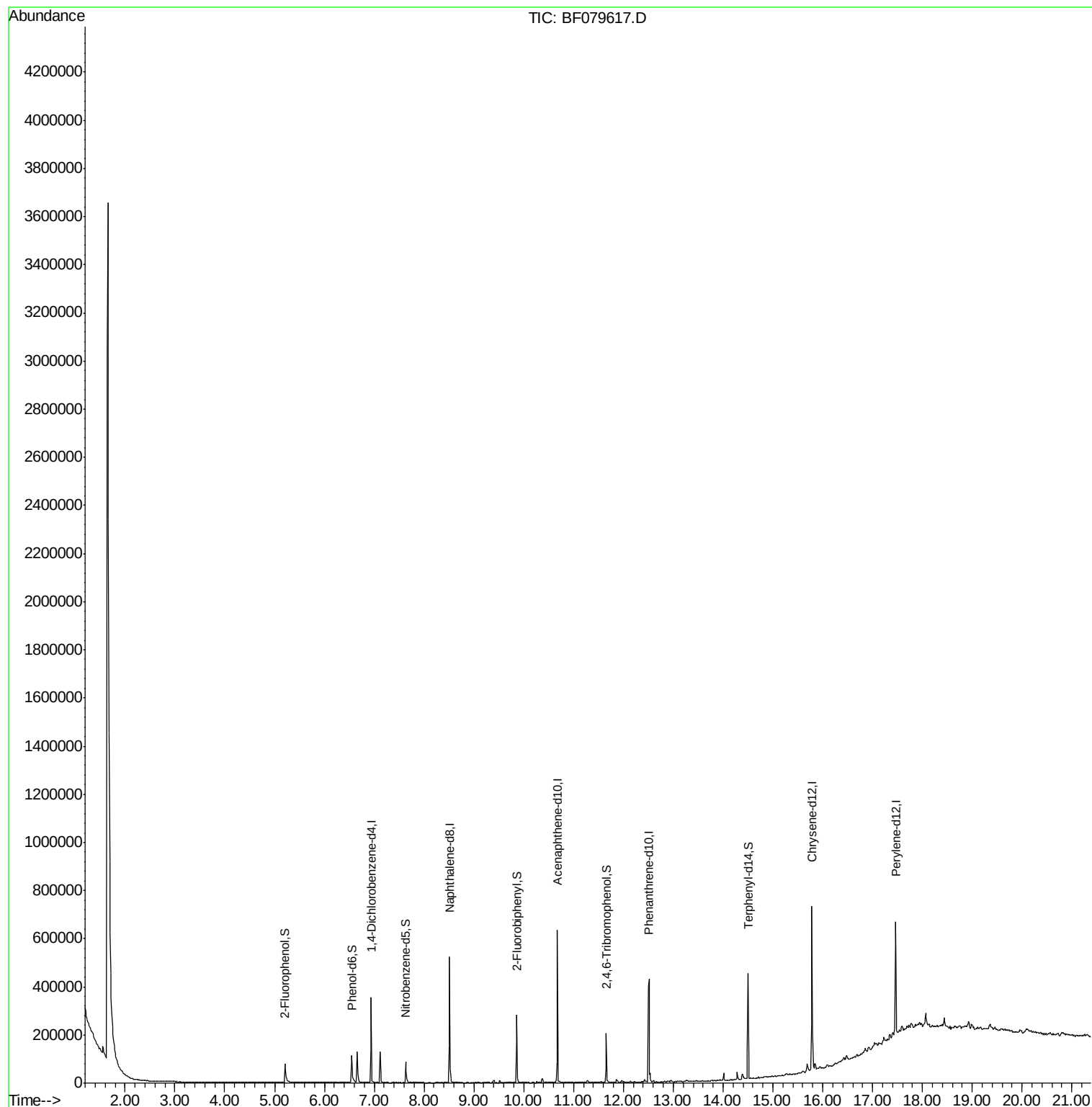
Target Compounds	Qvalue
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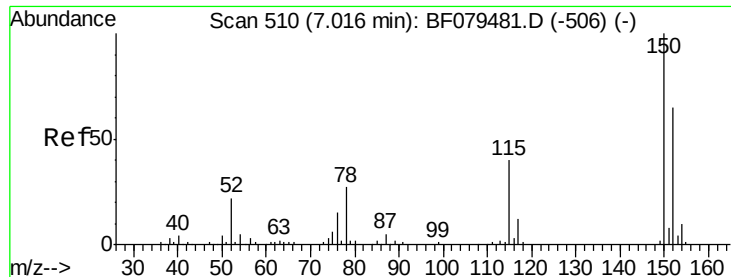
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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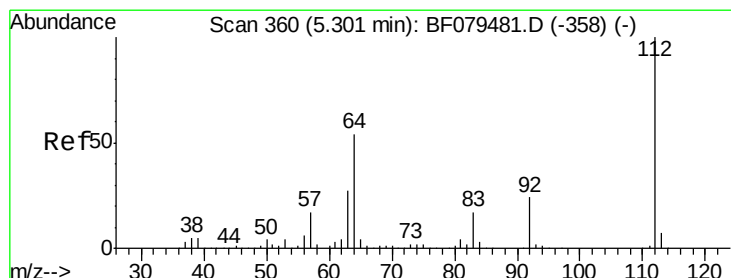
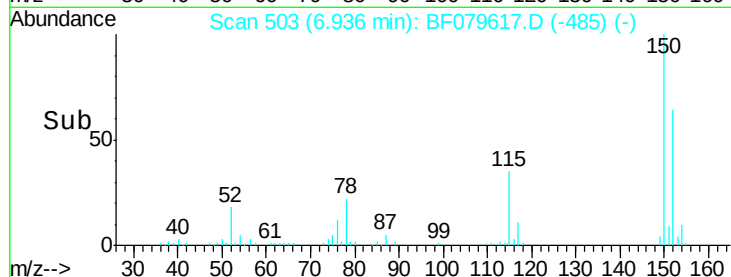
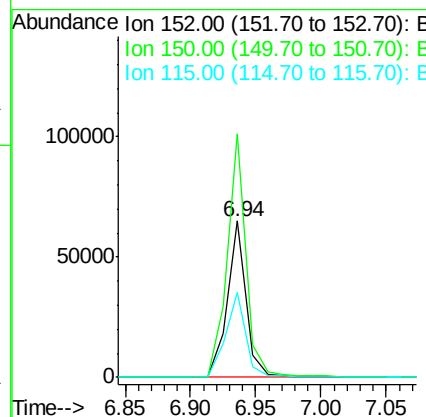
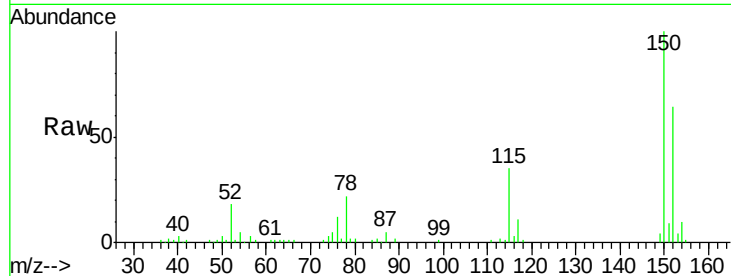


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

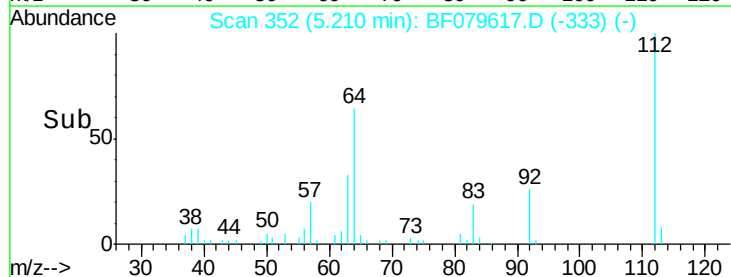
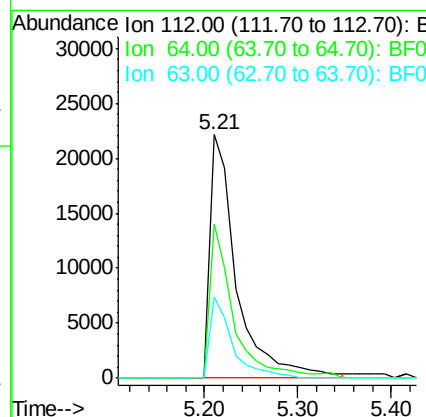
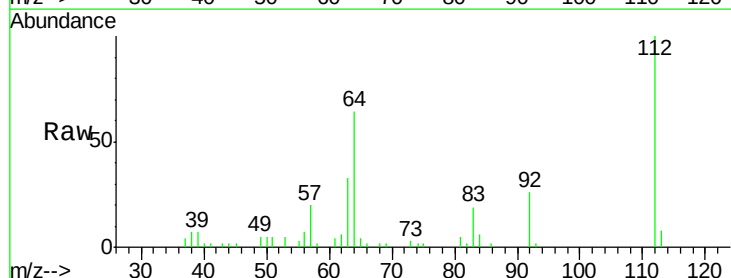
Tgt Ion:152 Resp: 65278
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.0 186.0
 115 54.8 49.6 74.4

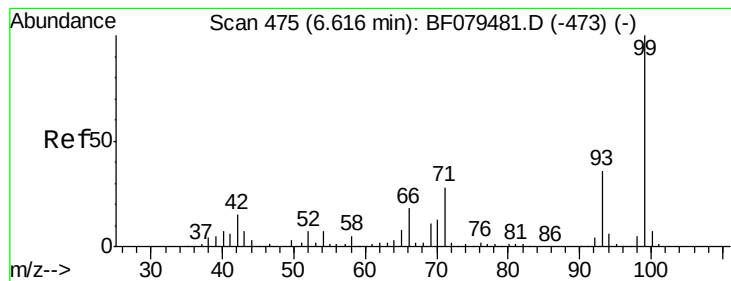


#5

2-Fluorophenol
 Concen: 11.78 ng
 RT: 5.21 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion:112 Resp: 44351
 Ion Ratio Lower Upper
 112 100
 64 63.5 43.5 65.3
 63 33.5 21.8 32.8#





#7

Phenol-d6

Concen: 16.73 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

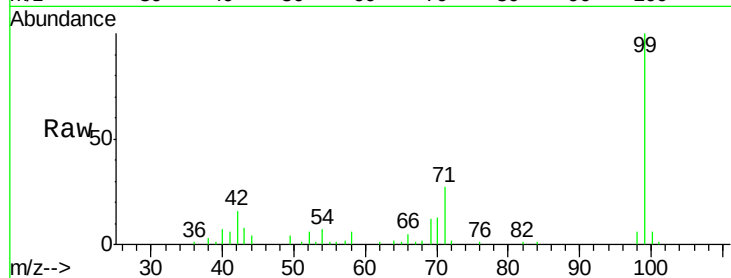
Tgt Ion: 99 Resp: 80243

Ion Ratio Lower Upper

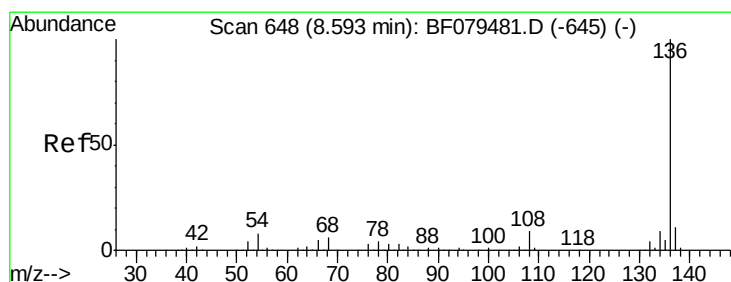
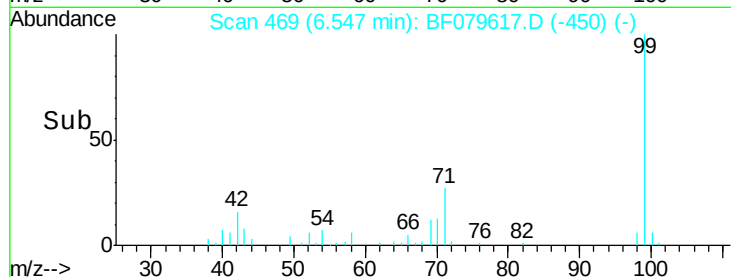
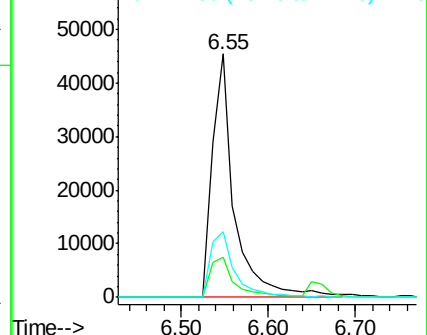
99 100

42 16.5 11.9 17.9

71 27.2 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

Tgt Ion: 136 Resp: 266189

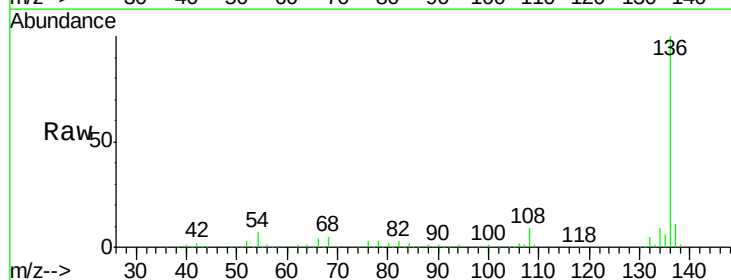
Ion Ratio Lower Upper

136 100

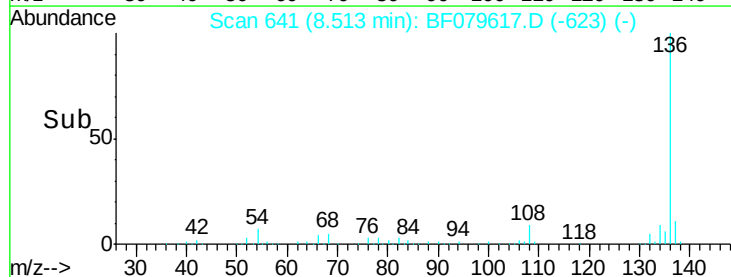
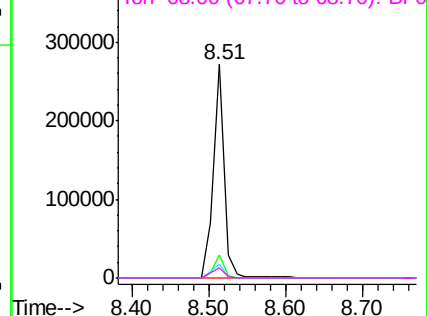
137 10.8 8.5 12.7

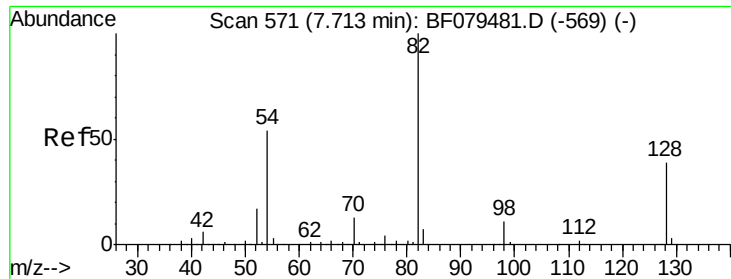
54 6.6 6.6 9.8

68 5.0 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

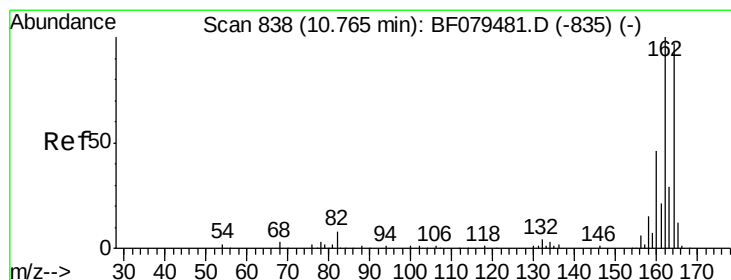
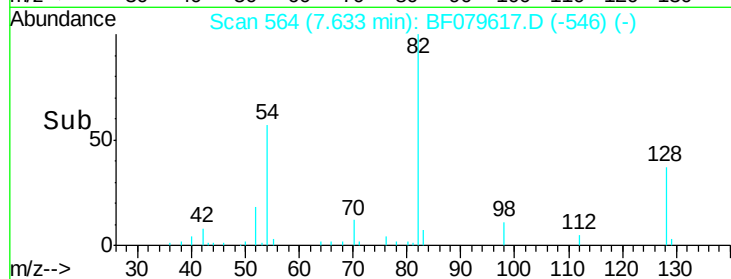
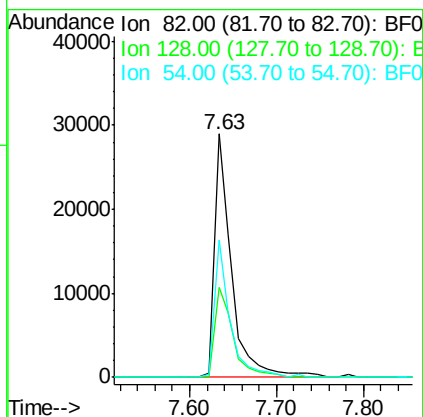
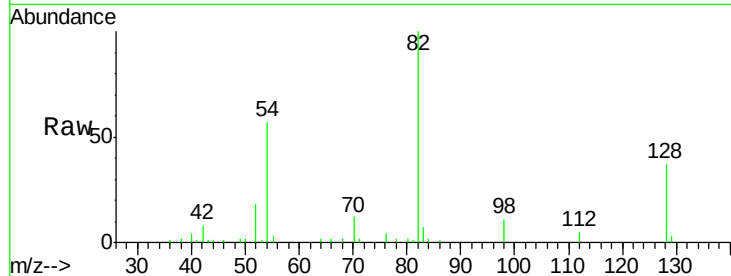




#23
 Nitrobenzene-d5
 Concen: 8.70 ng
 RT: 7.63 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

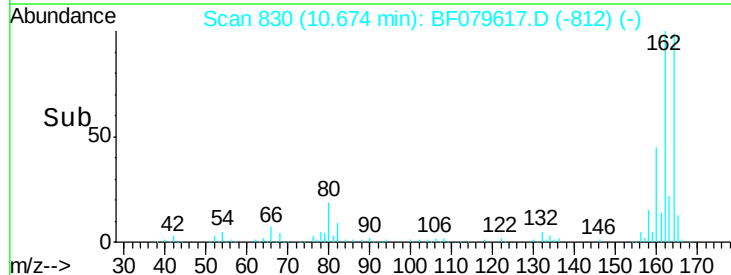
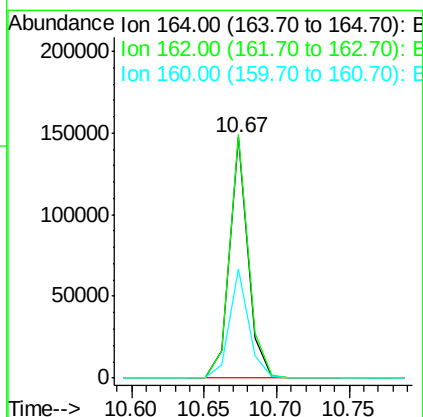
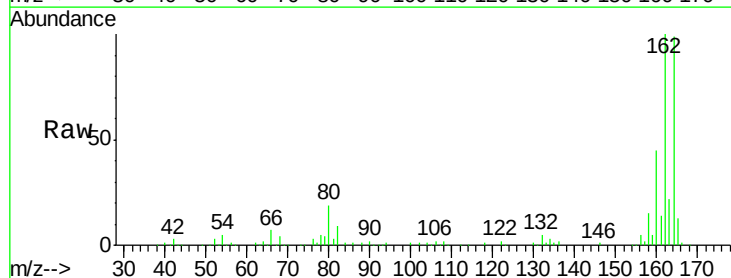
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

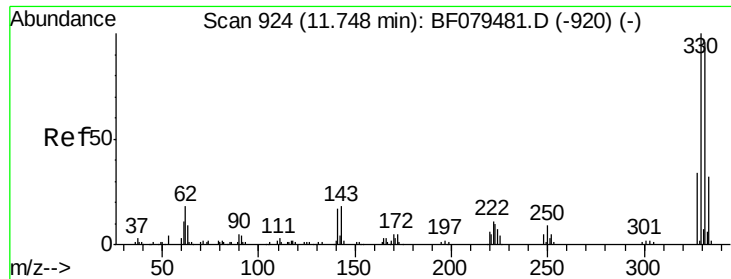
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.8	46.2
54	56.5	42.8	64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	45.4	37.7	56.5

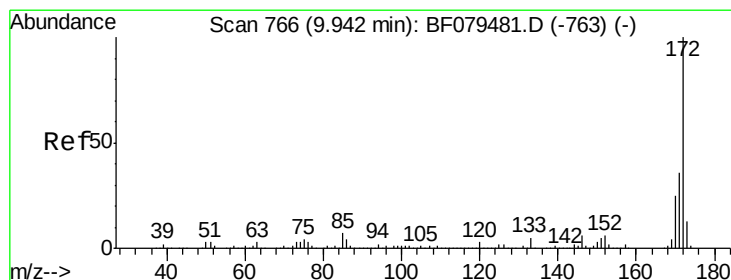
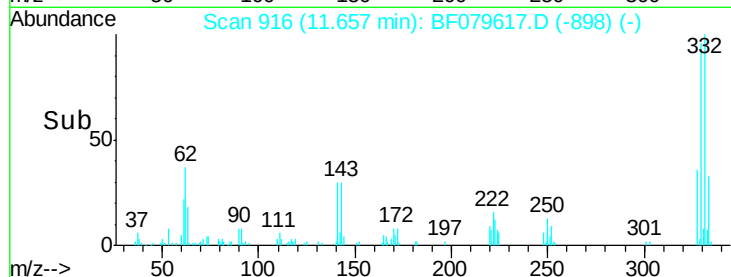
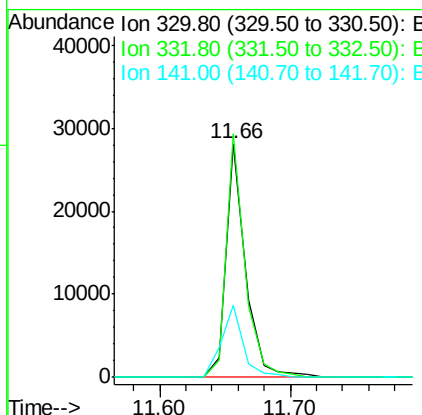
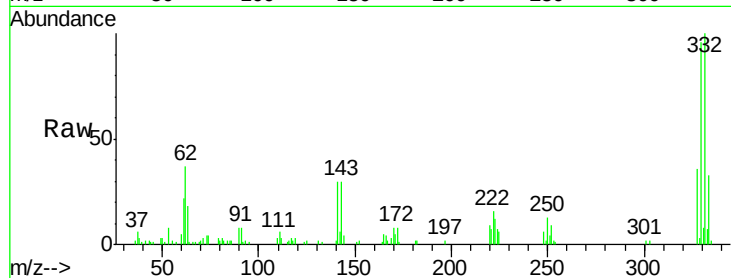




#41
 2,4,6-Tribromophenol
 Concen: 20.40 ng
 RT: 11.66 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

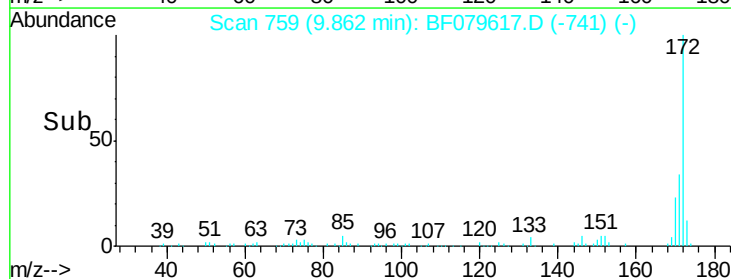
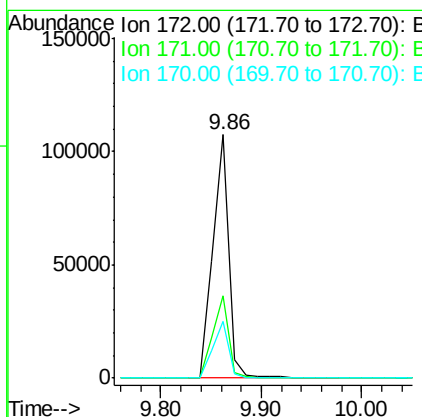
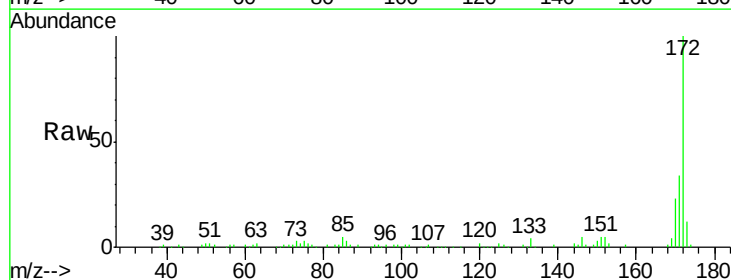
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

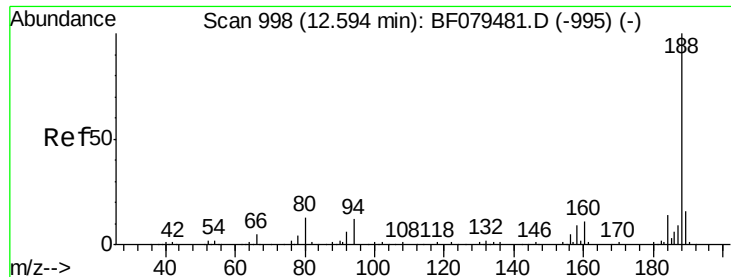
Tgt Ion:330 Resp: 29274
 Ion Ratio Lower Upper
 330 100
 332 99.7 0.0 0.0#
 141 34.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 12.85 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion:172 Resp: 117686
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 23.2 19.7 29.5

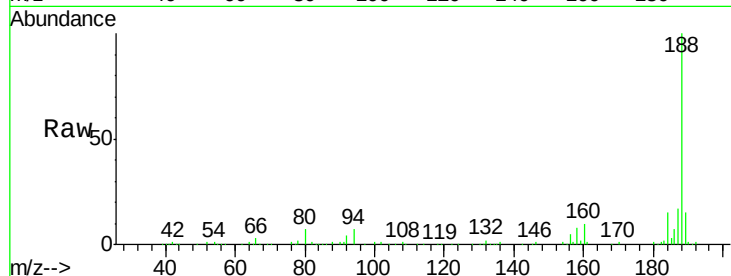




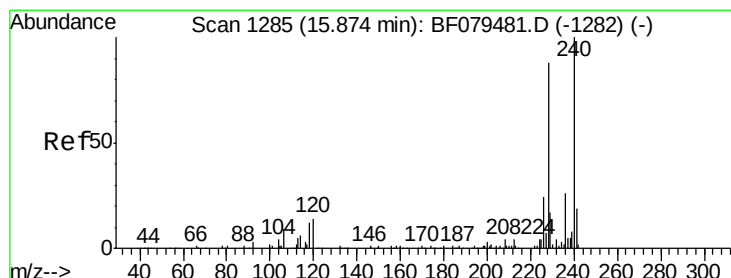
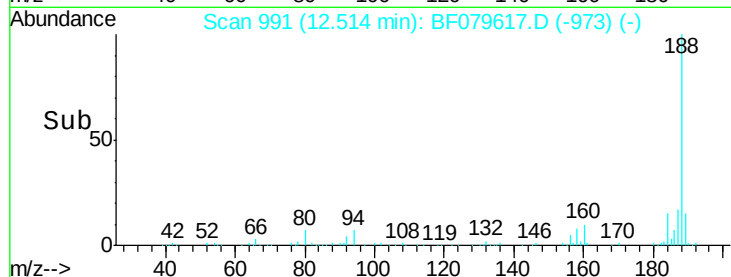
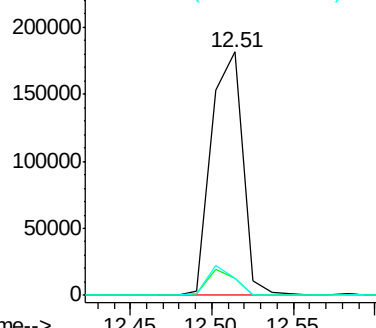
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF079617.D
Acq: 30 May 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PENRD8.14(5)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.8	14.6#
80	6.8	10.5	15.7#

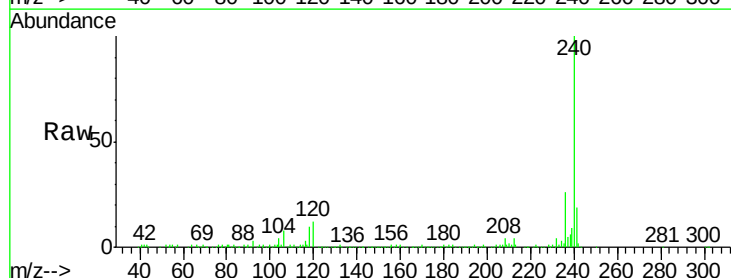


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

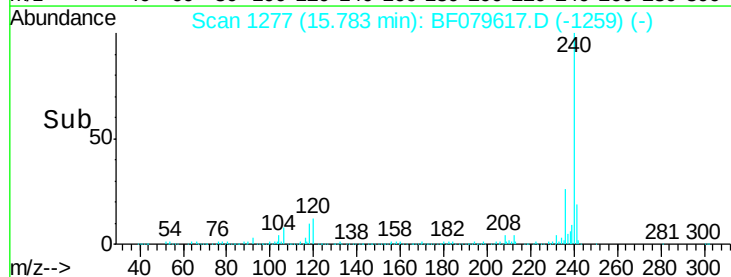
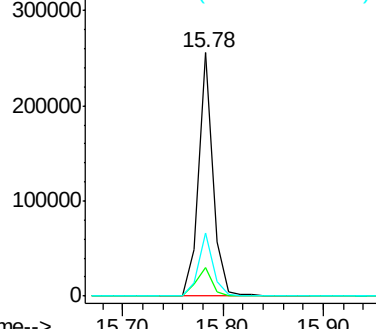


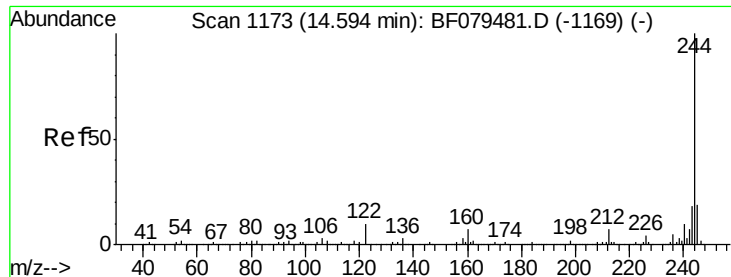
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF079617.D
Acq: 30 May 2015 22:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	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





#78

Terphenyl-d14

Concen: 13.76 ng

RT: 14.50 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

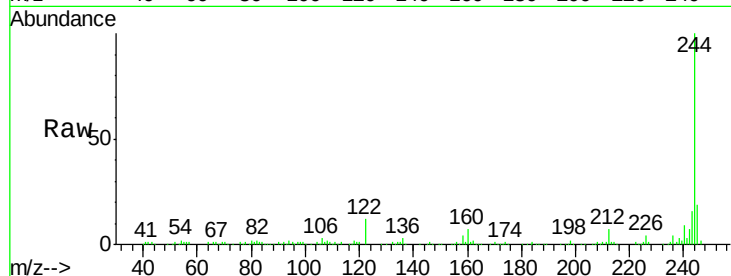
Tgt Ion:244 Resp: 149965

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

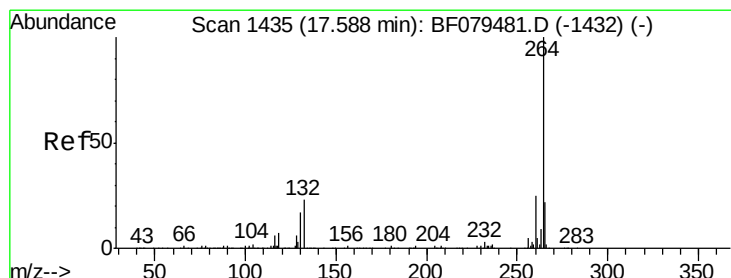
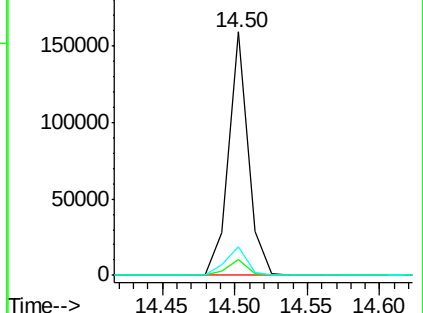
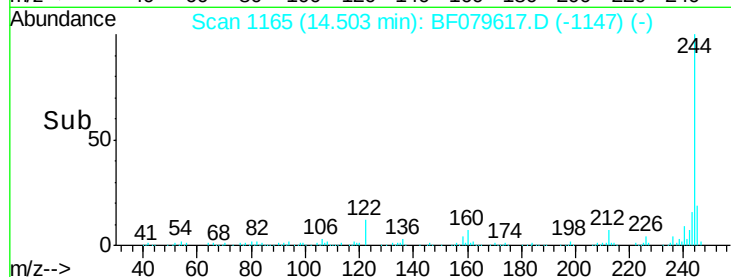
122 11.6 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.46 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

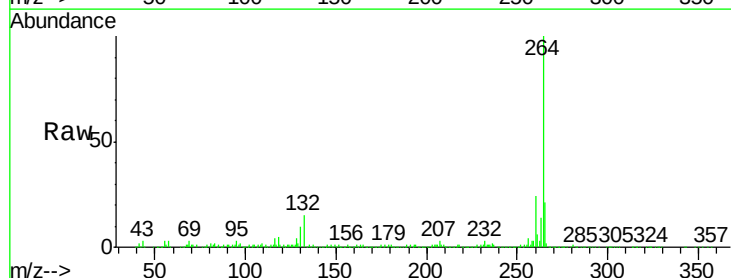
Tgt Ion:264 Resp: 256729

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 21.0 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

