

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079639.D
 Acq On : 31 May 2015 18:10
 Operator : TP/IZ
 Sample : G2416-26 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Quant Time: Jun 01 04:38:23 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	59148	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	254133	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	123247	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	244342	20.00	ng	0.00
75) Chrysene-d12	15.75	240	255758	20.00	ng	0.00
86) Perylene-d12	17.45	264	262756	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	10608	3.11	ng	0.02
7) Phenol-d6	6.51	99	14625	3.36	ng	0.01
23) Nitrobenzene-d5	7.61	82	7812	1.78	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	4268	3.15	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	19887	2.30	ng	0.00
78) Terphenyl-d14	14.47	244	23430	2.15	ng	0.00

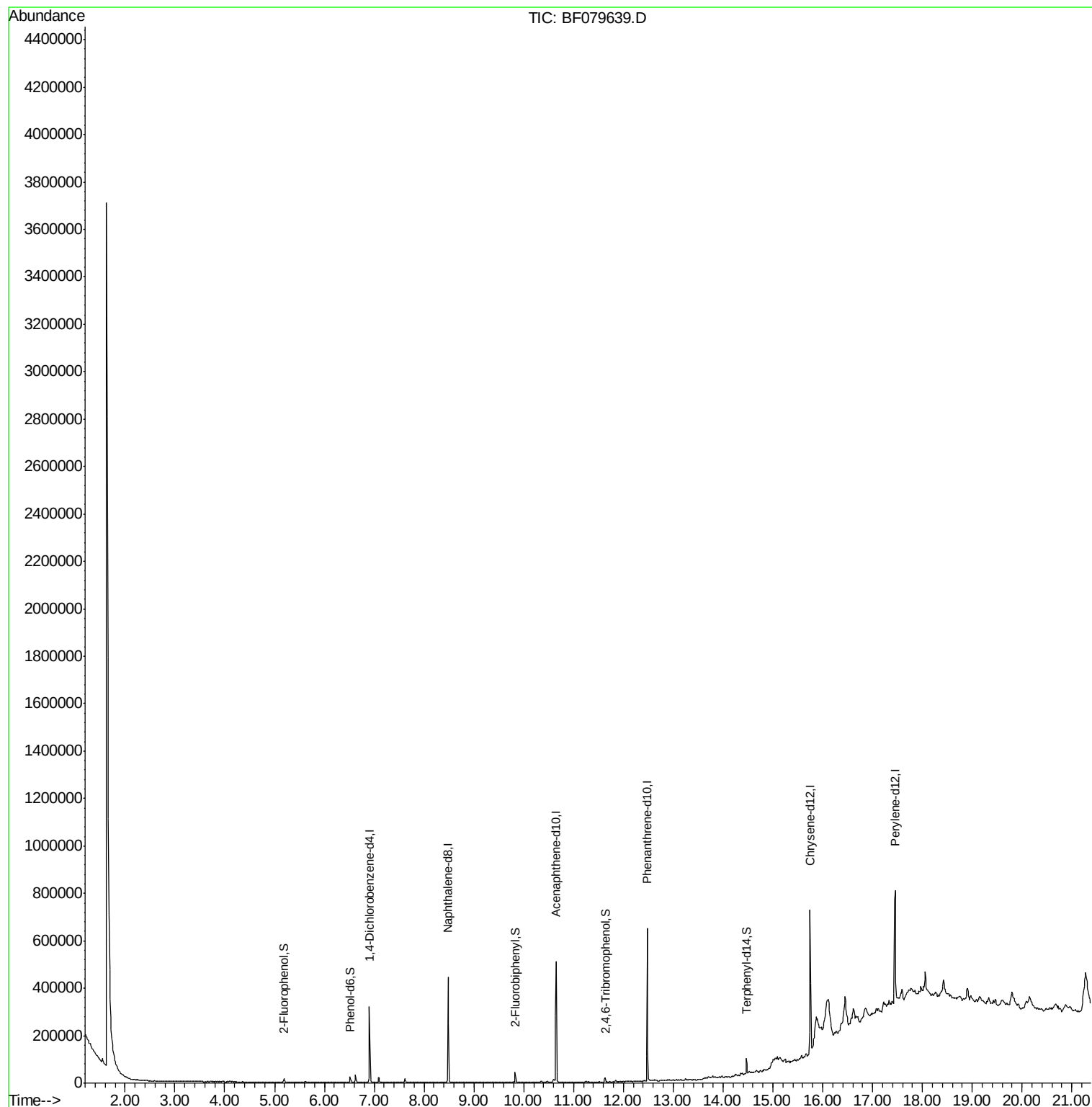
Target Compounds	Qvalue
------------------	--------

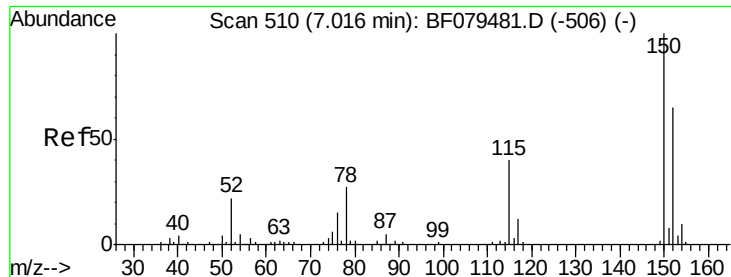
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079639.D
Acq On : 31 May 2015 18:10
Operator : TP/IZ
Sample : G2416-26 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.4(6)

Quant Time: Jun 01 04:38:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

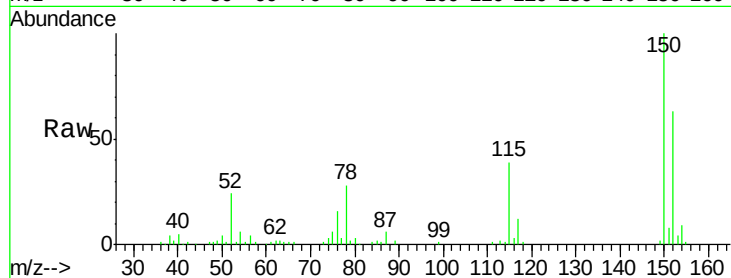
Tgt Ion:152 Resp: 59148

Ion Ratio Lower Upper

152 100

150 159.7 124.0 186.0

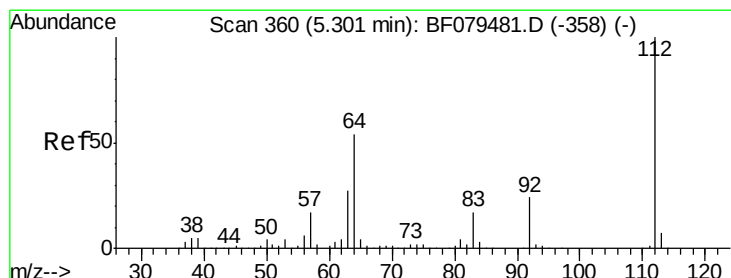
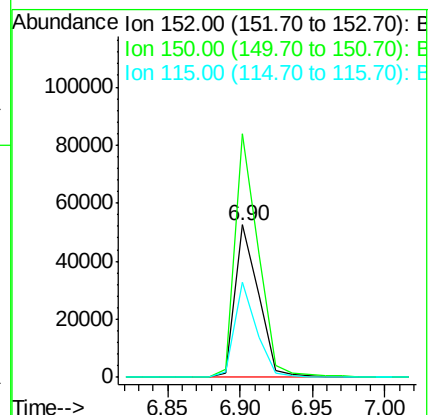
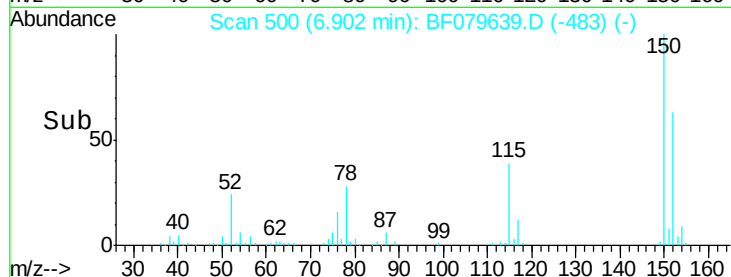
115 62.6 49.6 74.4



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: 3.11 ng

RT: 5.19 min Scan# 350

Delta R.T. 0.02 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

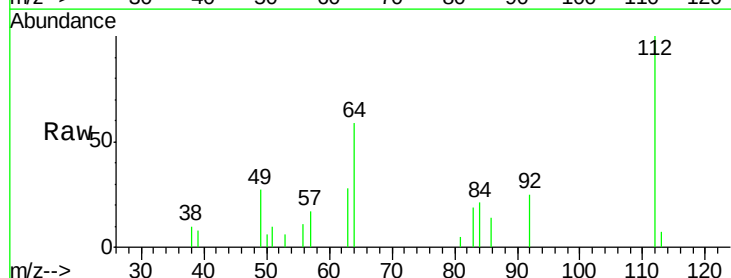
Tgt Ion:112 Resp: 10608

Ion Ratio Lower Upper

112 100

64 59.1 43.5 65.3

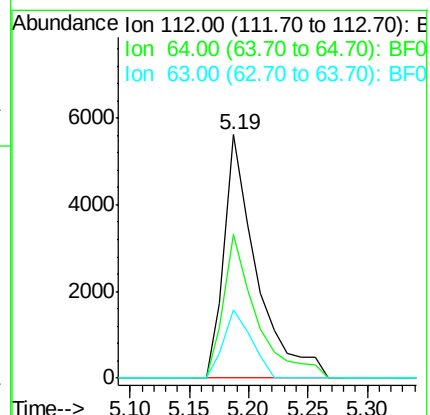
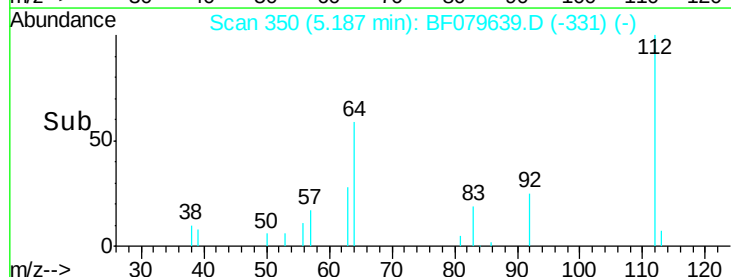
63 27.8 21.8 32.8

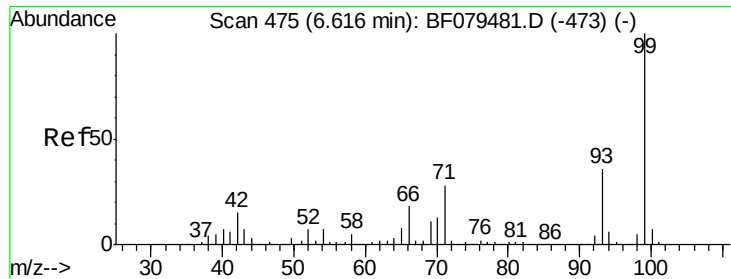


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.36 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

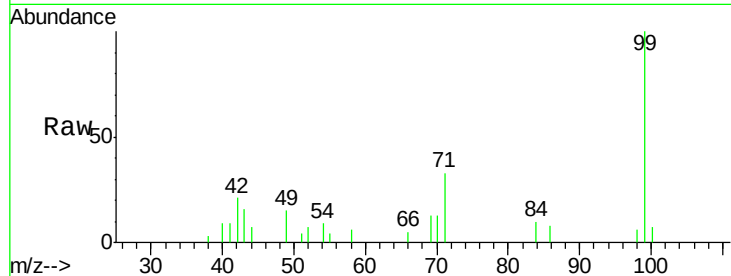
Tgt Ion: 99 Resp: 14625

Ion Ratio Lower Upper

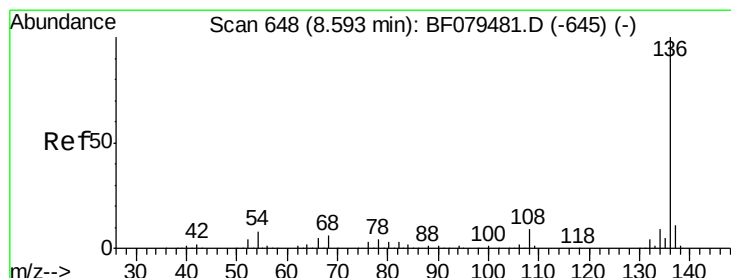
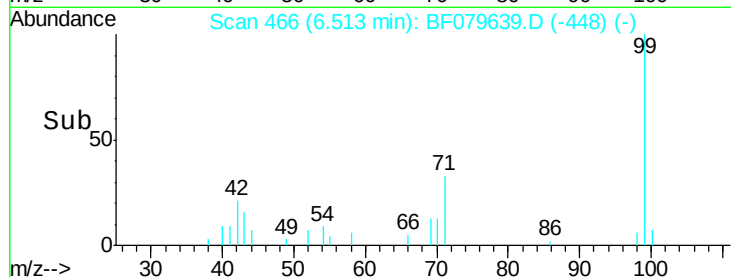
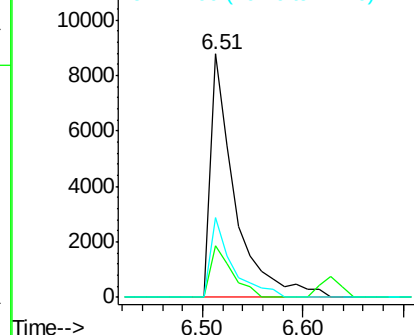
99 100

42 21.0 11.9 17.9#

71 32.6 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: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Tgt Ion: 136 Resp: 254133

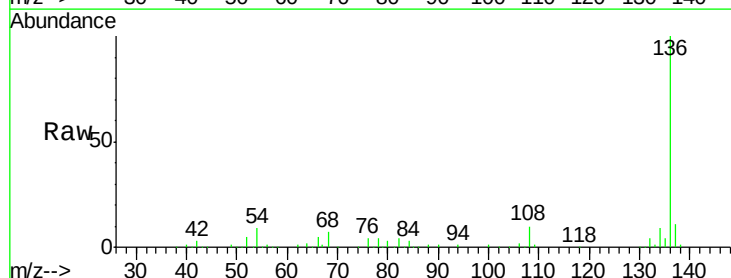
Ion Ratio Lower Upper

136 100

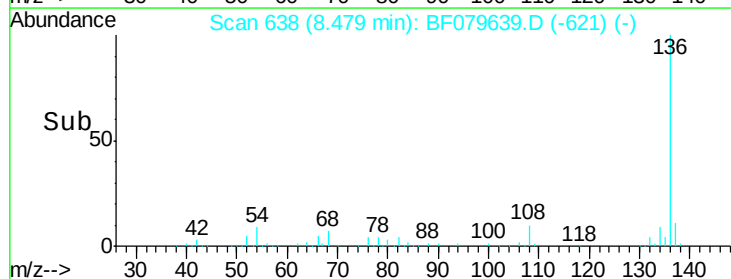
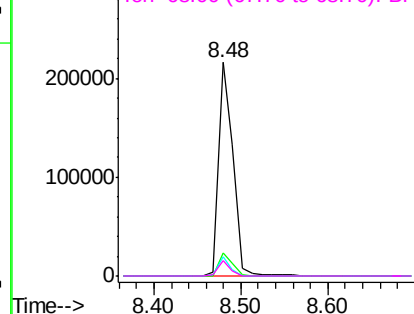
137 11.1 8.5 12.7

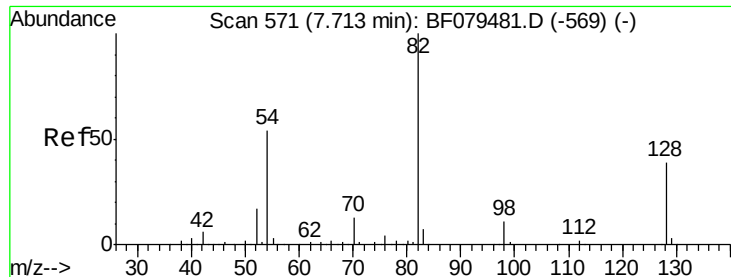
54 8.7 6.6 9.8

68 7.1 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

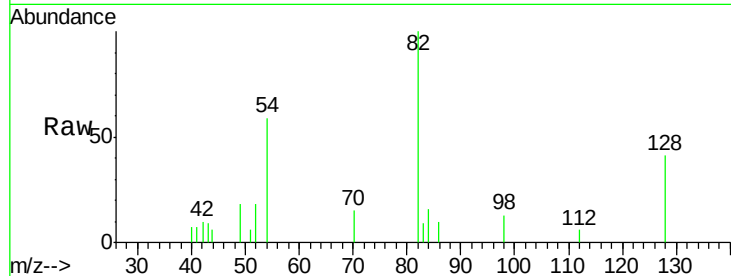




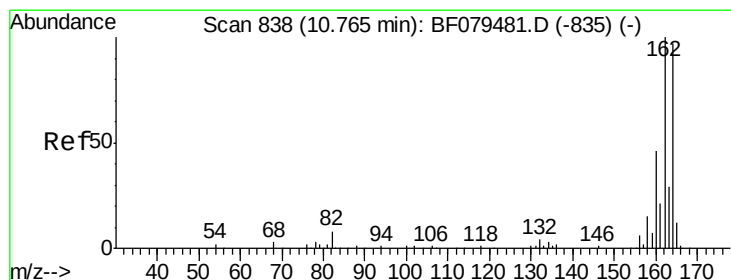
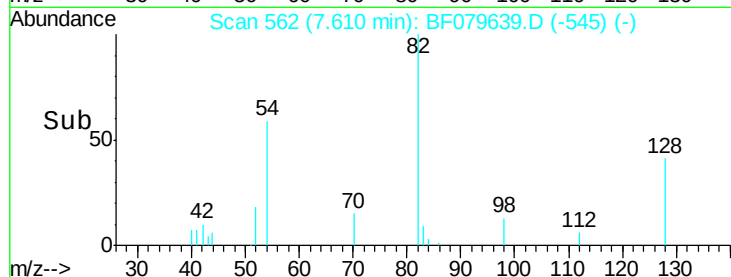
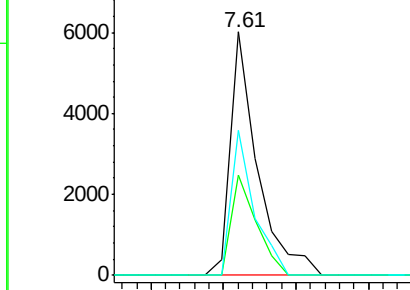
#23
 Nitrobenzene-d5
 Concen: 1.78 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.8	46.2
54	59.4	42.8	64.2

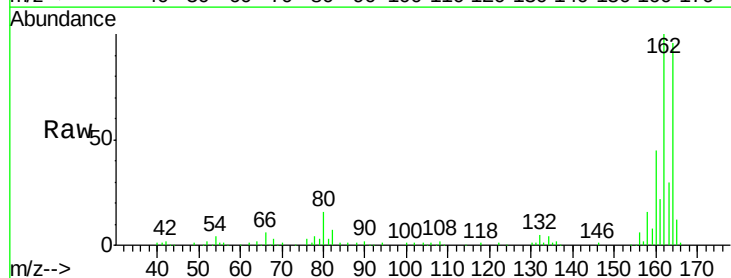


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

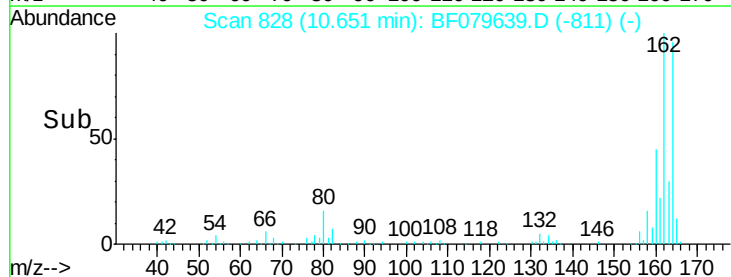
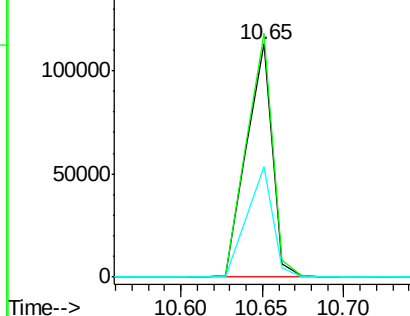


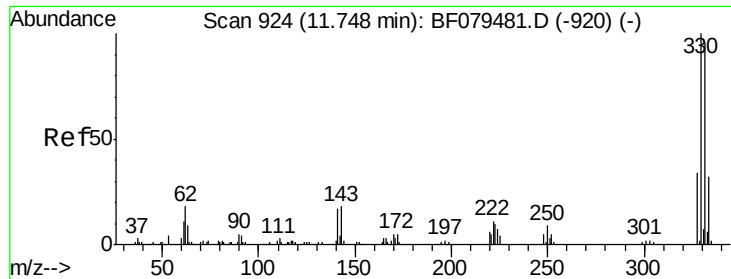
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	124.0
160	47.2	37.7	56.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

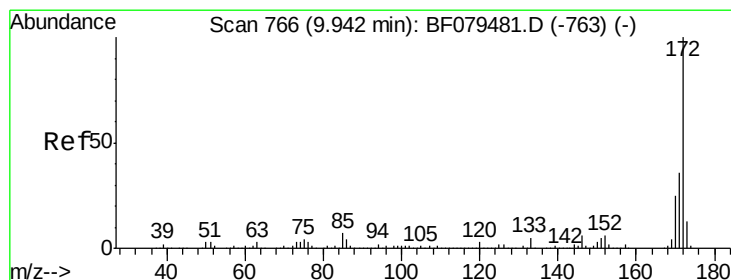
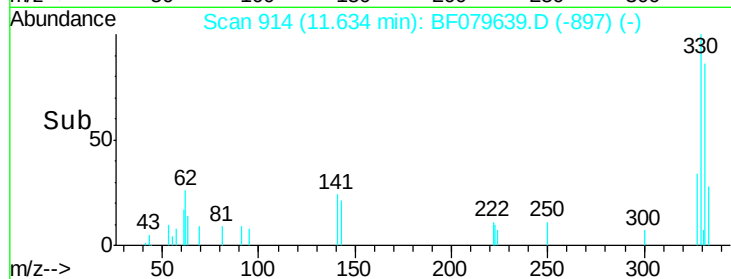
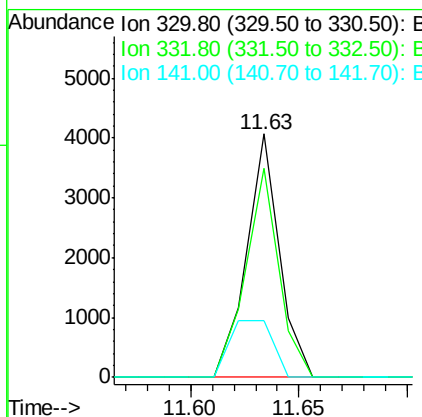
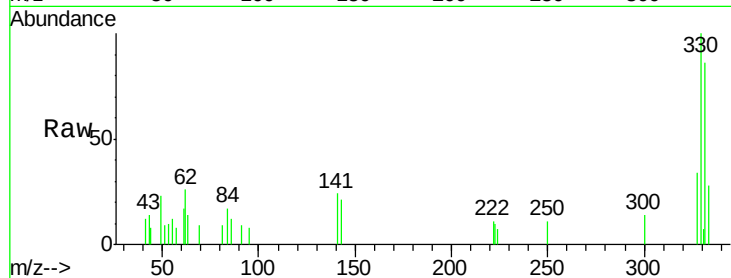




#41
 2,4,6-Tribromophenol
 Concen: 3.15 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

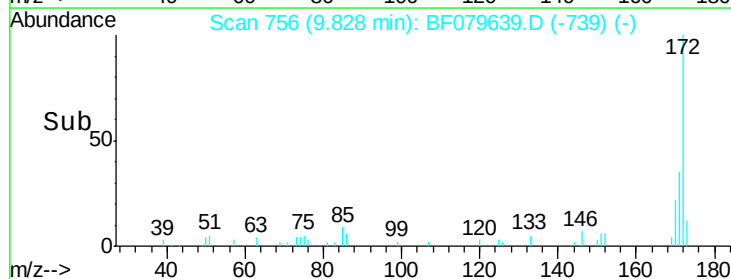
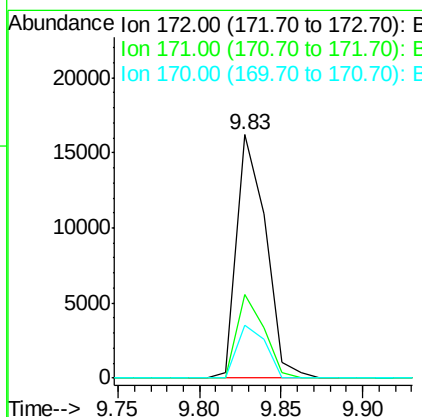
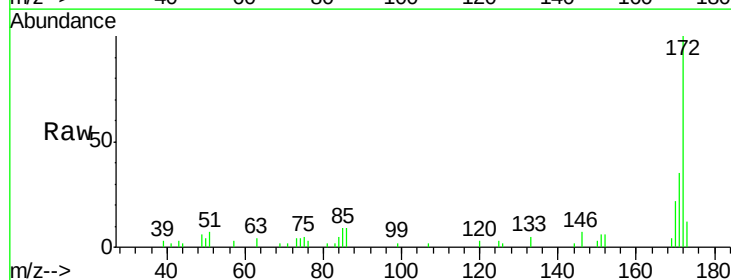
Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

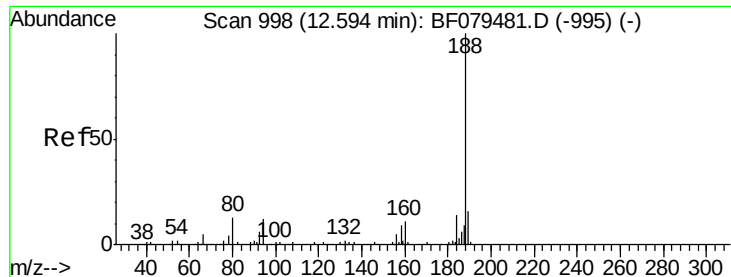
Tgt Ion: 330 Resp: 4268
 Ion Ratio Lower Upper
 330 100
 332 86.8 0.0 0.0#
 141 30.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 2.30 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

Tgt Ion: 172 Resp: 19887
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 21.9 19.7 29.5

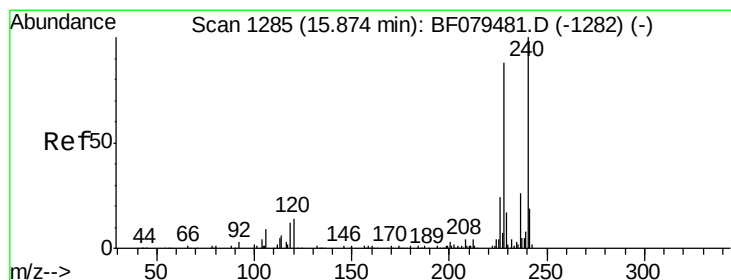
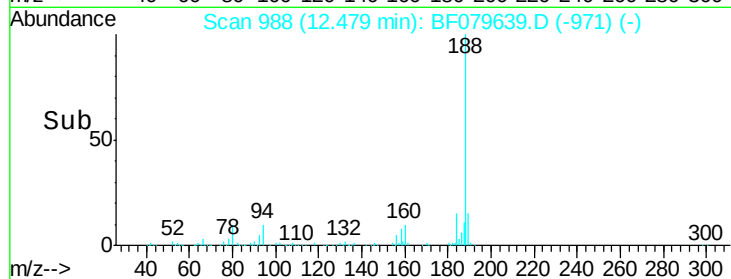
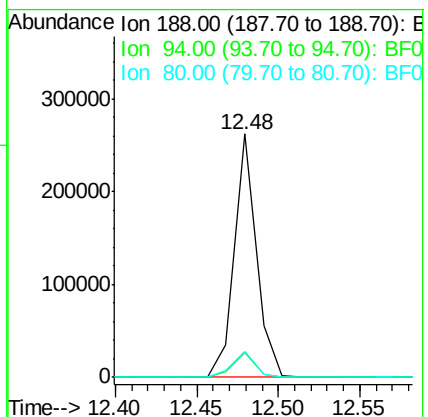
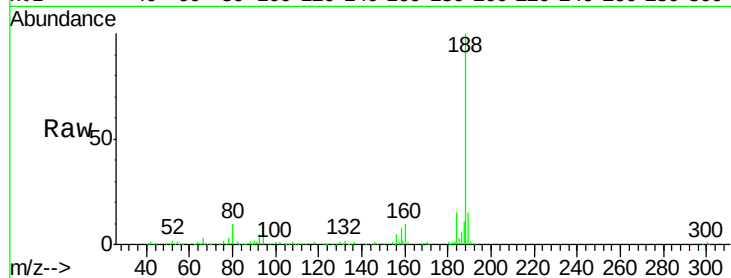




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF079639.D
Acq: 31 May 2015 18:10

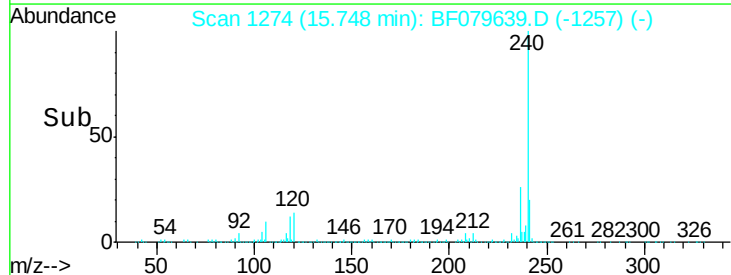
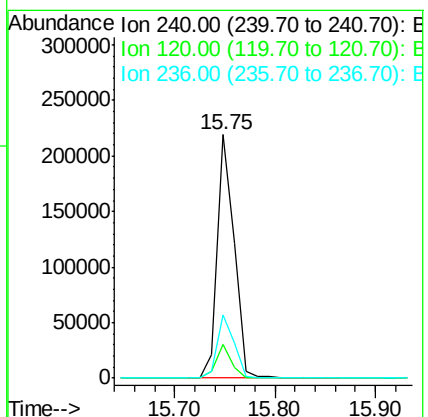
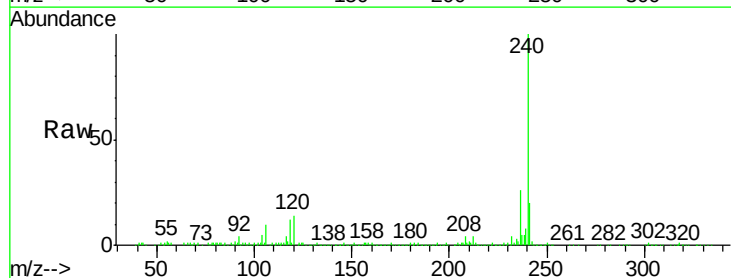
Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.4(6)

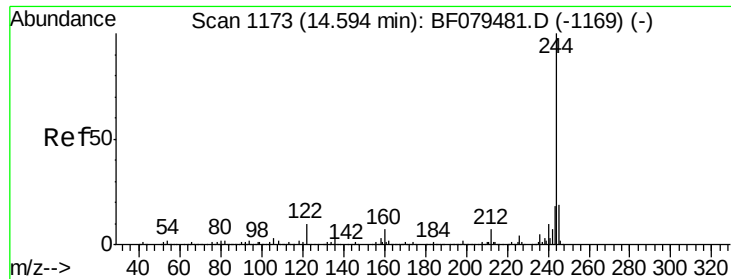
Tgt Ion:188 Resp: 244342
Ion Ratio Lower Upper
188 100
94 10.2 9.8 14.6
80 10.5 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.75 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF079639.D
Acq: 31 May 2015 18:10

Tgt Ion:240 Resp: 255758
Ion Ratio Lower Upper
240 100
120 14.1 10.8 16.2
236 26.0 21.0 31.6





#78

Terphenyl-d14

Concen: 2.15 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

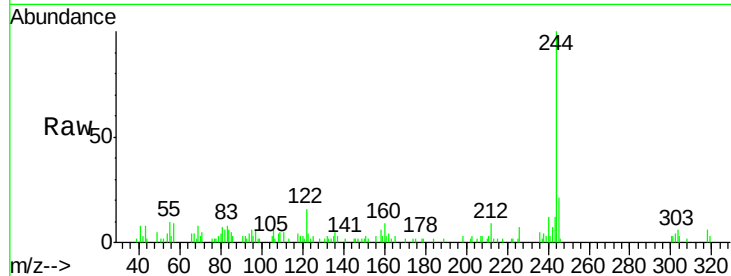
Tgt Ion:244 Resp: 23430

Ion Ratio Lower Upper

244 100

212 8.7 5.2 7.8#

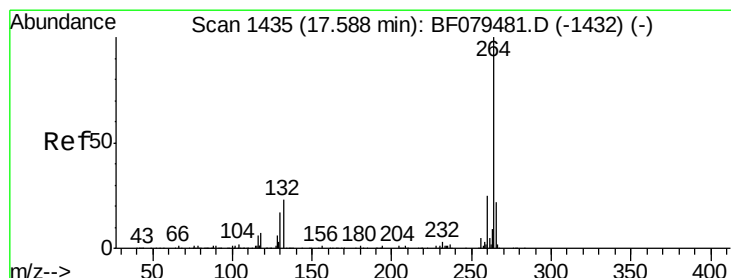
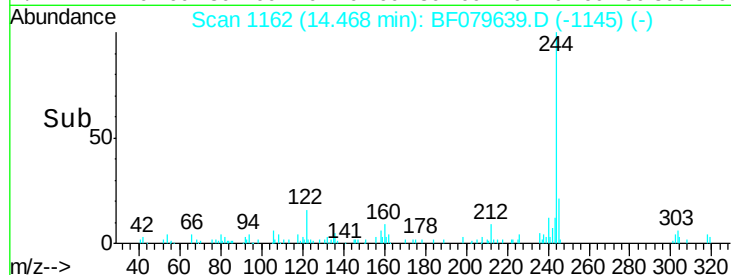
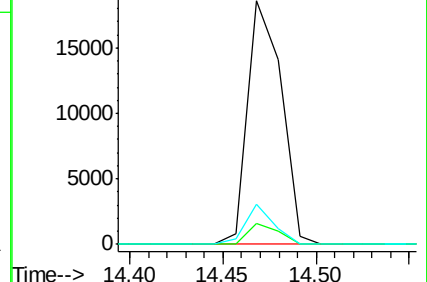
122 16.5 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.45 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

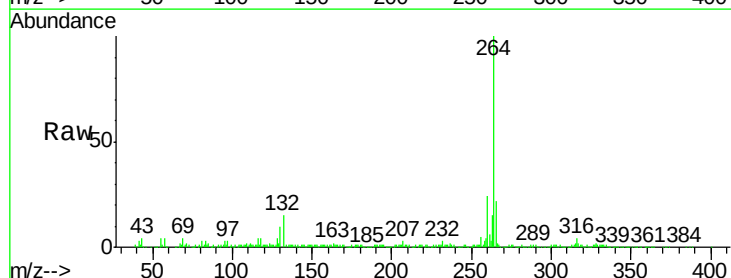
Tgt Ion:264 Resp: 262756

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.5 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

