

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079618.D
 Acq On : 30 May 2015 22:35
 Operator : TP/IZ
 Sample : G2416-26 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 01 03:14:53 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	63129	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	262267	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	123271	20.00	ng	0.00
63) Phenanthrene-d10	12.51	188	237430	20.00	ng	0.00
75) Chrysene-d12	15.78	240	254670	20.00	ng	0.00
86) Perylene-d12	17.45	264	244313	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	4520	1.24	ng	0.03
7) Phenol-d6	6.56	99	6752	1.46	ng	0.02
23) Nitrobenzene-d5	7.64	82	3543	0.78	ng	0.01
41) 2,4,6-Tribromophenol	11.67	330	1492	1.10	ng	0.01
44) 2-Fluorobiphenyl	9.86	172	9724	1.13	ng	0.00
78) Terphenyl-d14	14.50	244	12193	1.12	ng	0.00

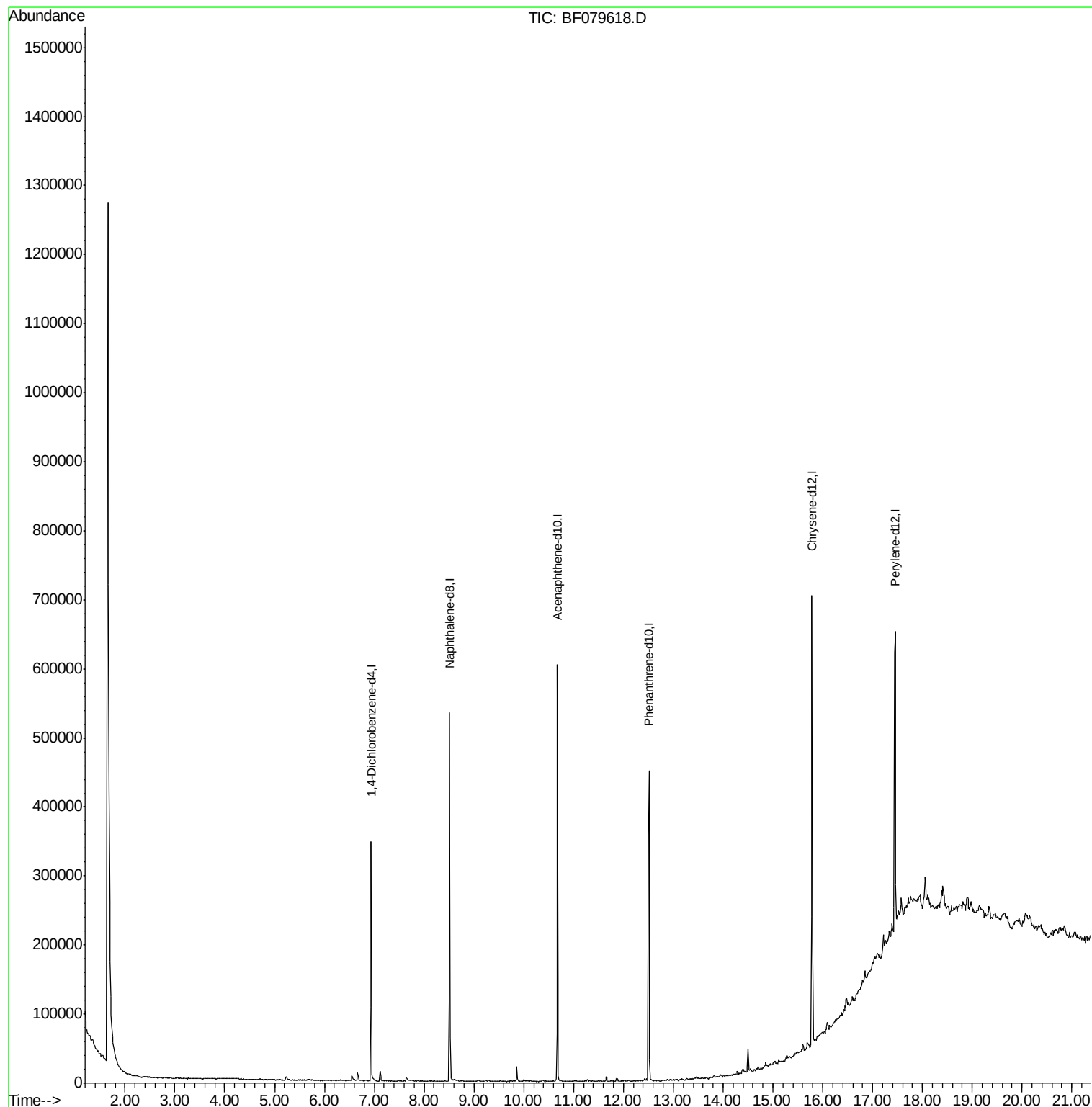
Target Compounds	Qvalue
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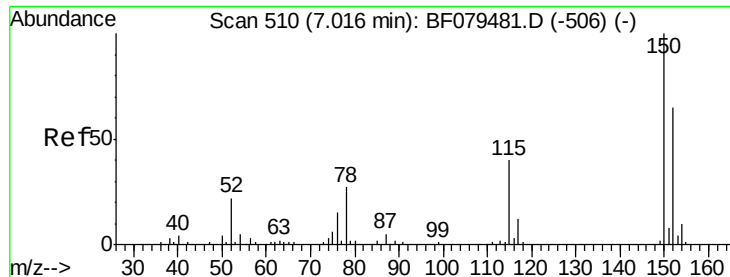
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 02:59:43 2015
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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: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

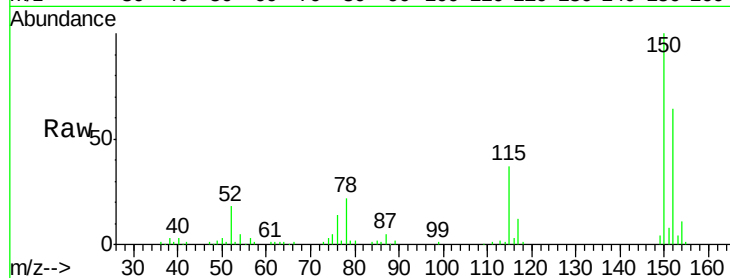
Tgt Ion:152 Resp: 63129

Ion Ratio Lower Upper

152 100

150 155.9 124.0 186.0

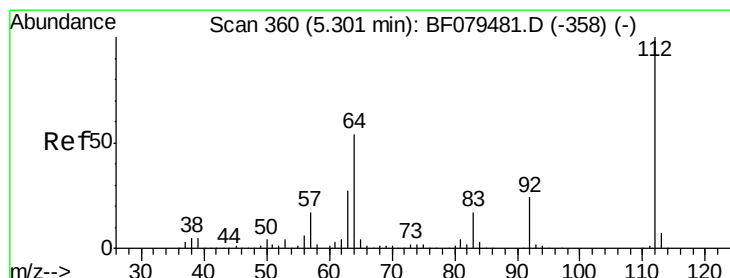
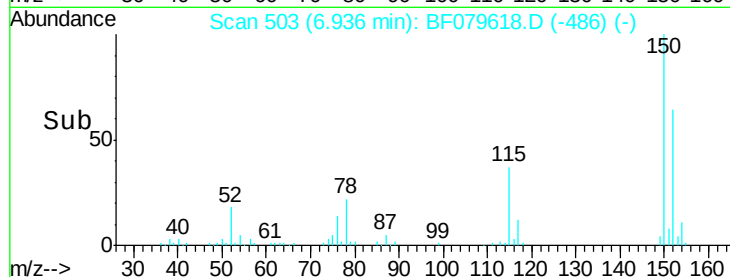
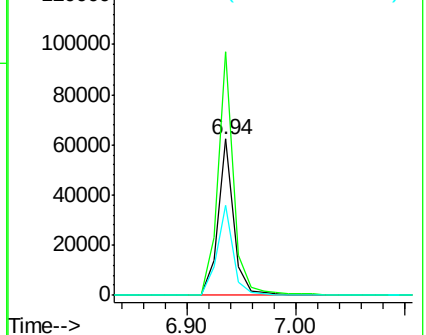
115 57.3 49.6 74.4



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: 1.24 ng

RT: 5.23 min Scan# 354

Delta R.T. 0.03 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

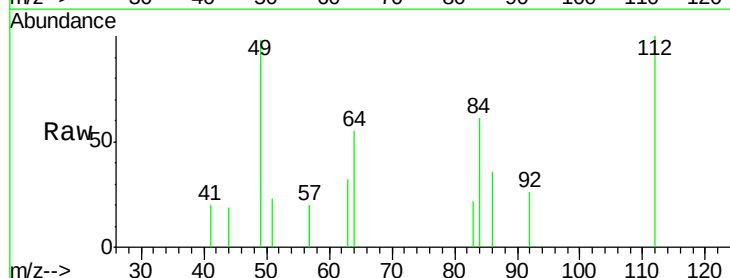
Tgt Ion:112 Resp: 4520

Ion Ratio Lower Upper

112 100

64 54.6 43.5 65.3

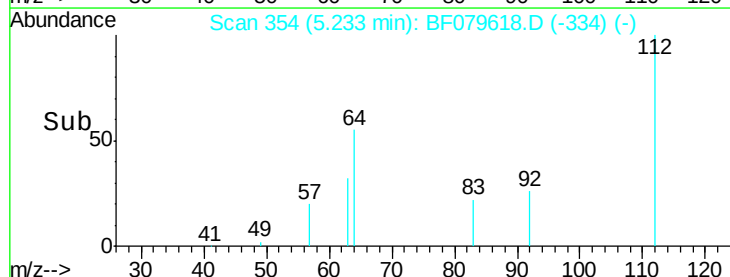
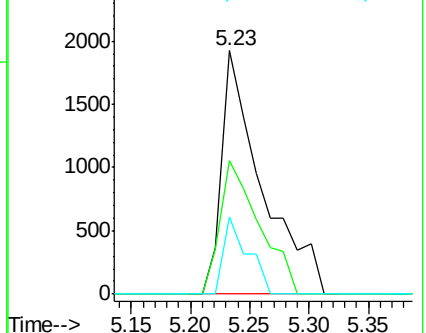
63 31.6 21.8 32.8

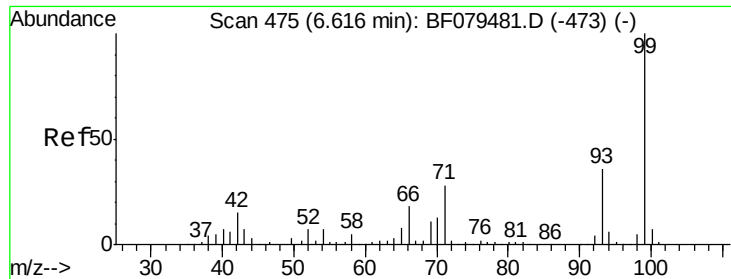


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.46 ng

RT: 6.56 min Scan# 470

Delta R.T. 0.02 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

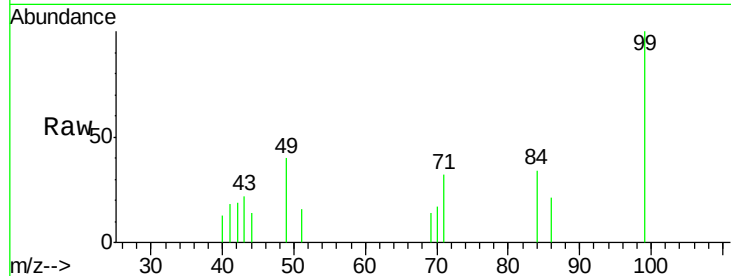
Tgt Ion: 99 Resp: 6752

Ion Ratio Lower Upper

99 100

42 18.5 11.9 17.9#

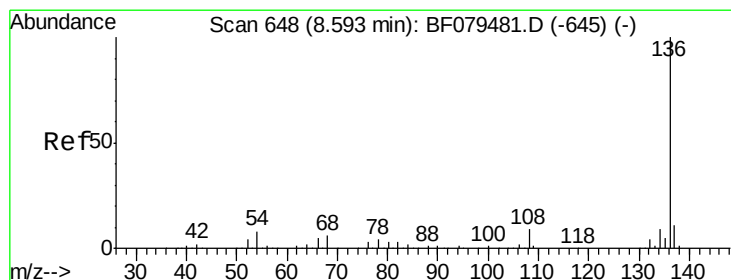
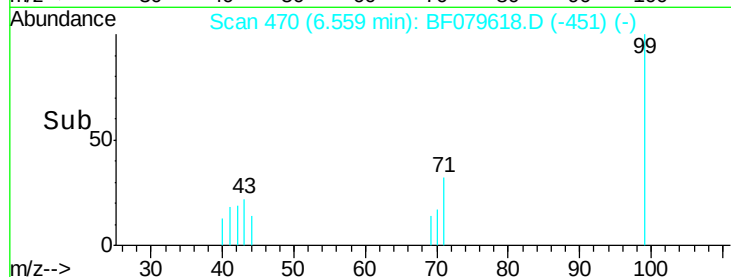
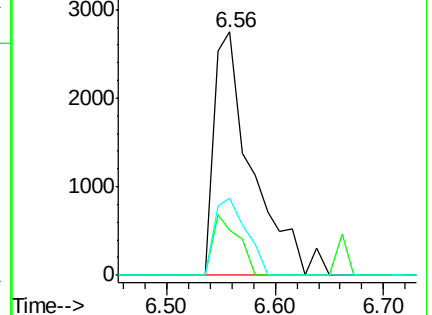
71 31.7 22.1 33.1



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: BF079618.D

Acq: 30 May 2015 22:35

Tgt Ion: 136 Resp: 262267

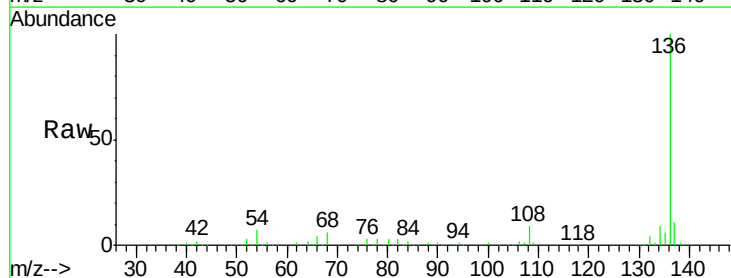
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.6 9.8

68 5.6 4.7 7.1

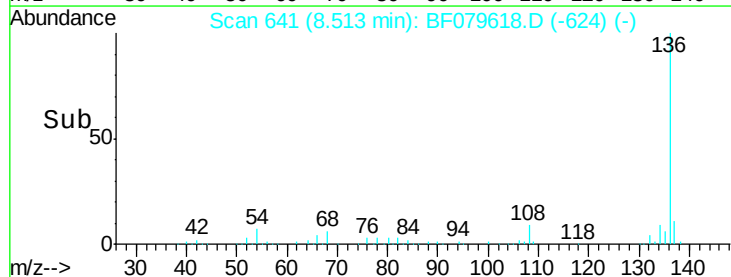
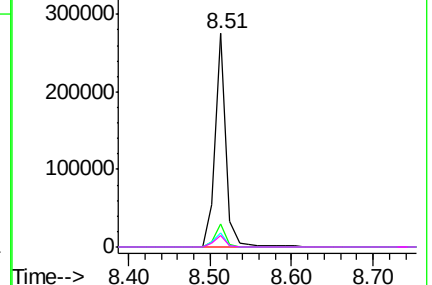


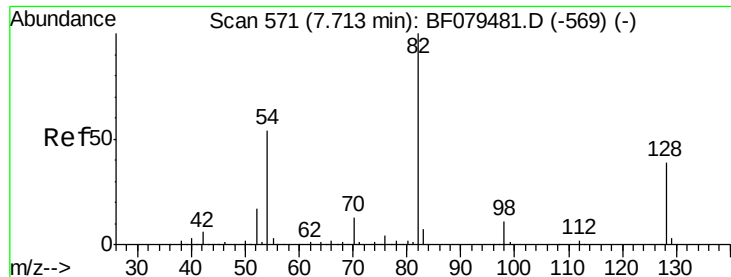
Abundance Ion 136.00 (135.70 to 136.70): E

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

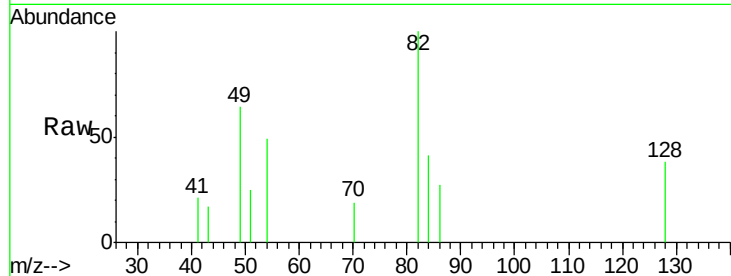




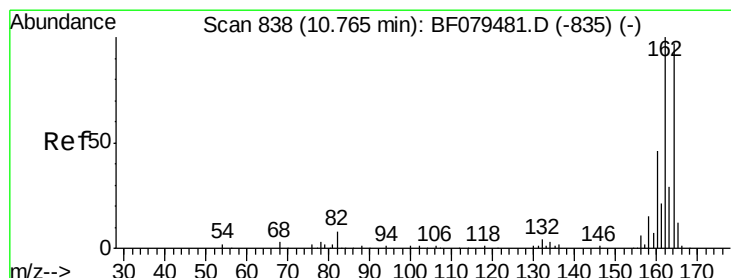
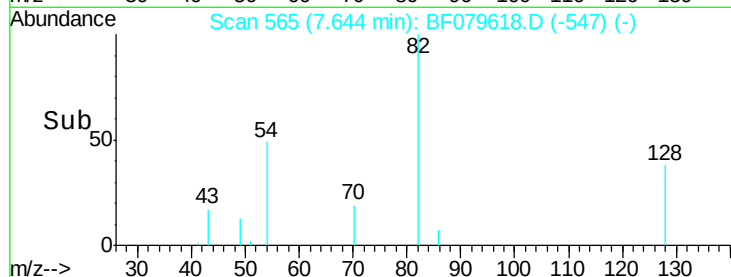
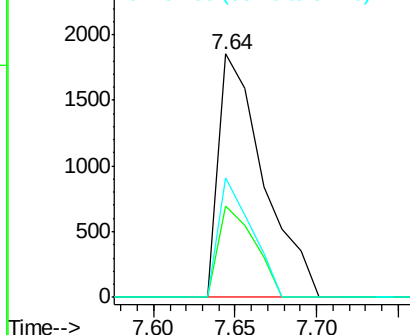
#23
 Nitrobenzene-d5
 Concen: 0.78 ng
 RT: 7.64 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

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

Tgt Ion: 82 Resp: 3543
 Ion Ratio Lower Upper
 82 100
 128 37.5 30.8 46.2
 54 49.2 42.8 64.2

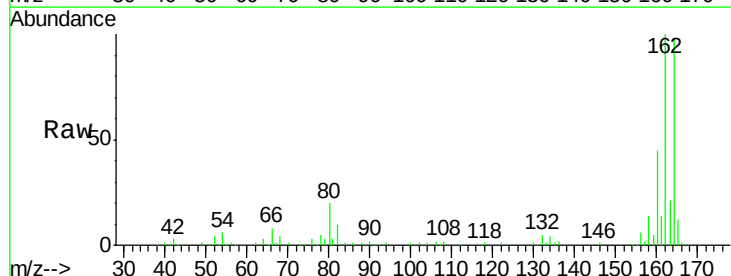


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

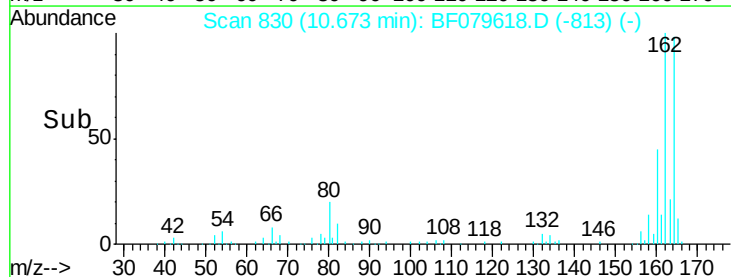
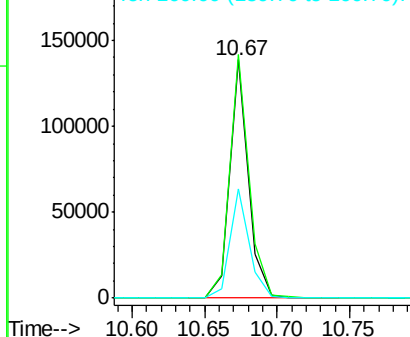


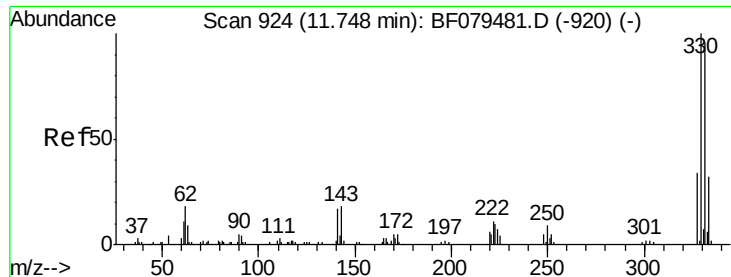
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Tgt Ion: 164 Resp: 123271
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 124.0
 160 45.9 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: 1.10 ng

RT: 11.67 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

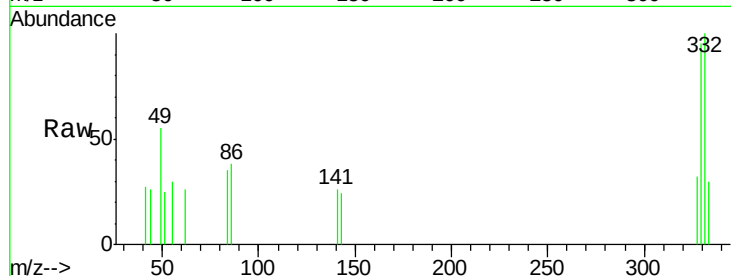
Tgt Ion:330 Resp: 1492

Ion Ratio Lower Upper

330 100

332 114.4 0.0 0.0#

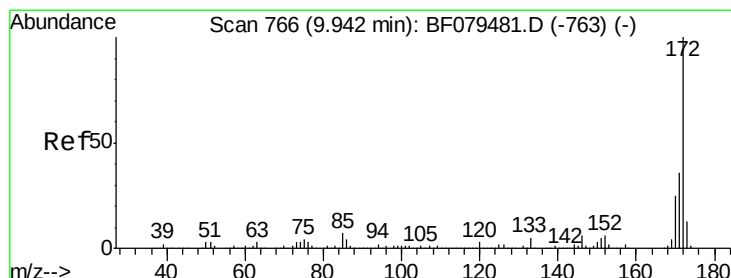
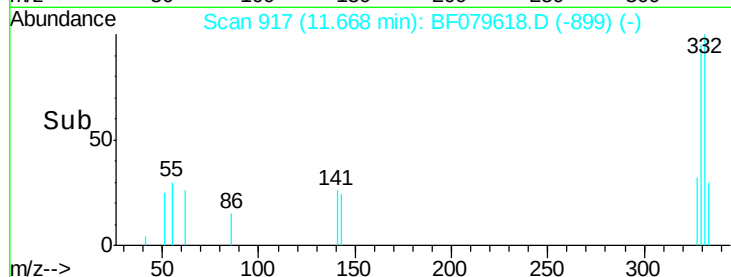
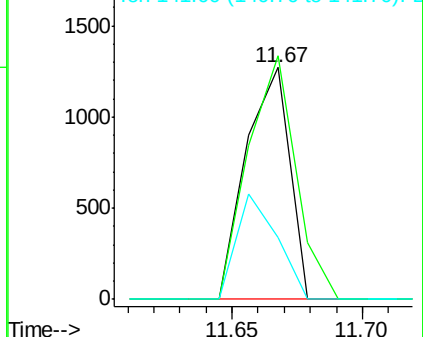
141 42.4 0.0 0.0#



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: 1.13 ng

RT: 9.86 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

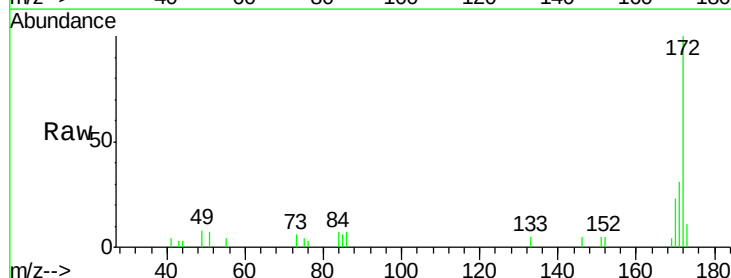
Tgt Ion:172 Resp: 9724

Ion Ratio Lower Upper

172 100

171 31.1 28.5 42.7

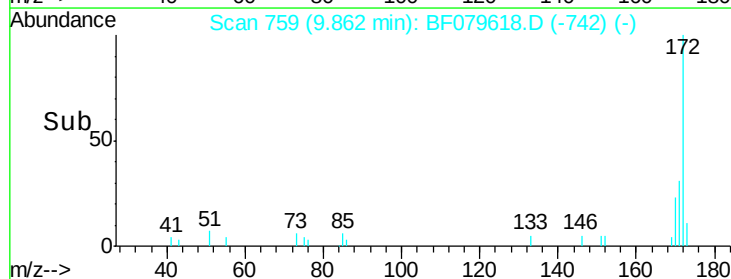
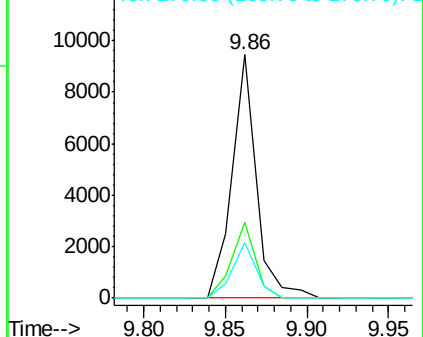
170 22.7 19.7 29.5

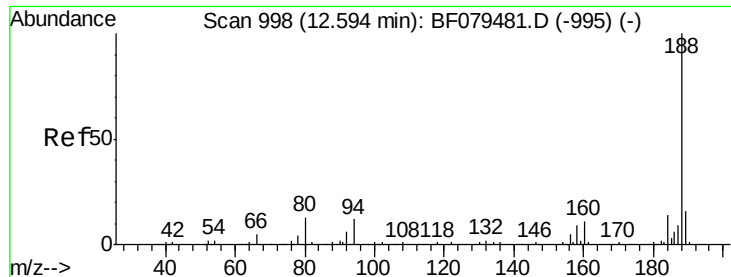


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

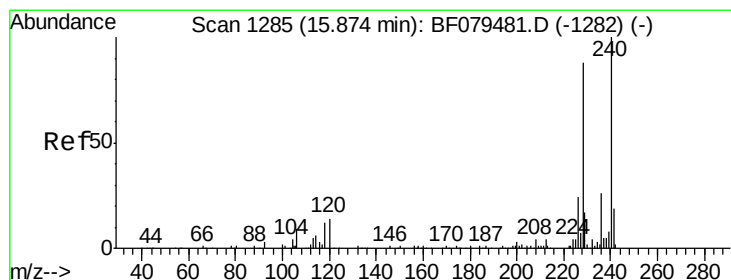
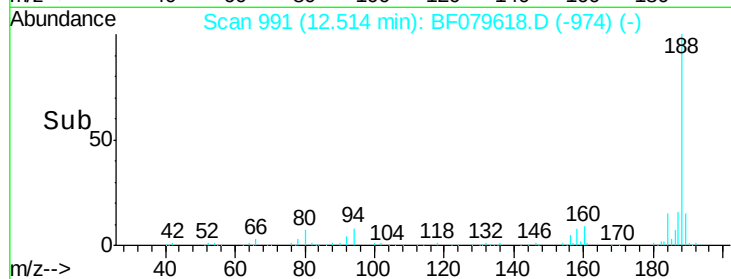
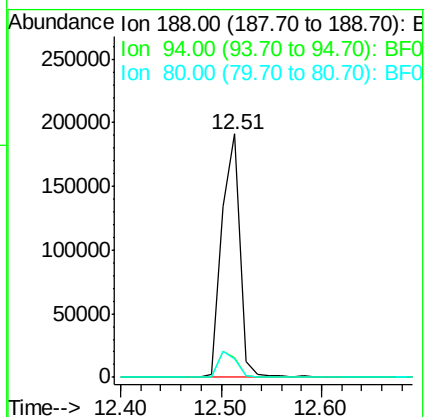
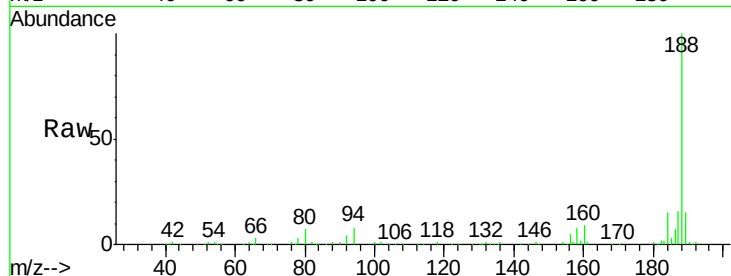




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF079618.D
Acq: 30 May 2015 22:35

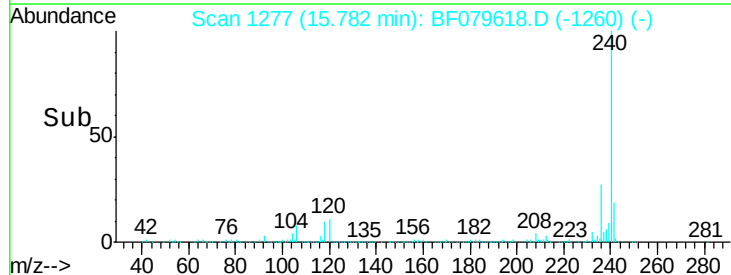
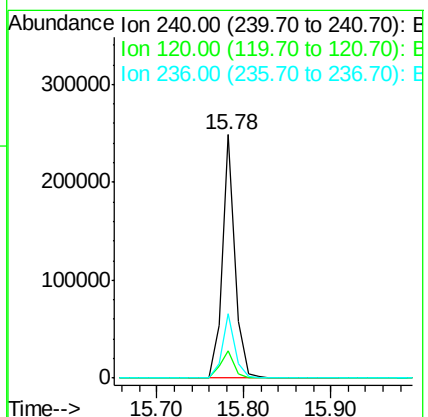
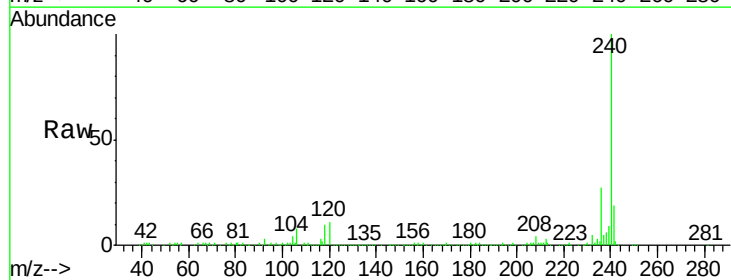
Instrument :
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RAMP440NB-TP5.4(6)

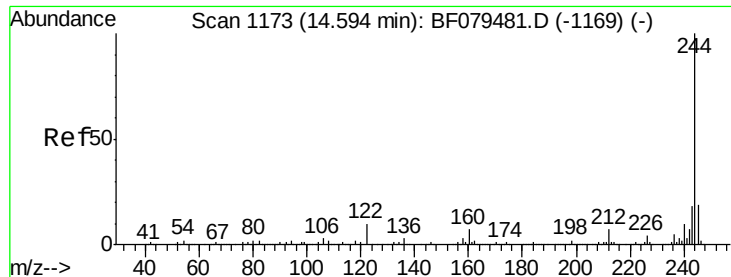
Tgt Ion:188 Resp: 237430
Ion Ratio Lower Upper
188 100
94 7.8 9.8 14.6#
80 7.4 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF079618.D
Acq: 30 May 2015 22:35

Tgt Ion:240 Resp: 254670
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 26.6 21.0 31.6

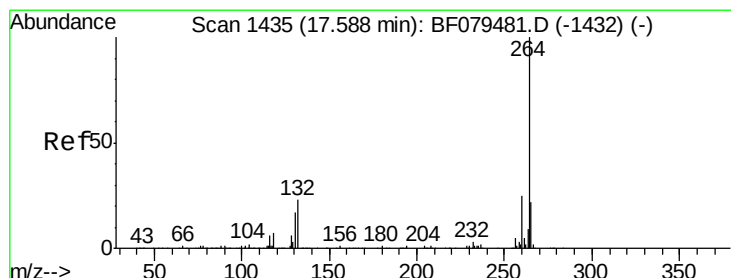
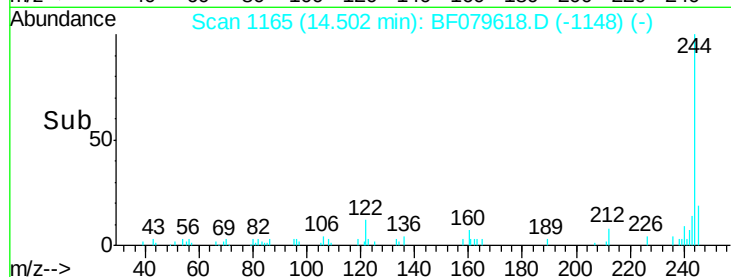
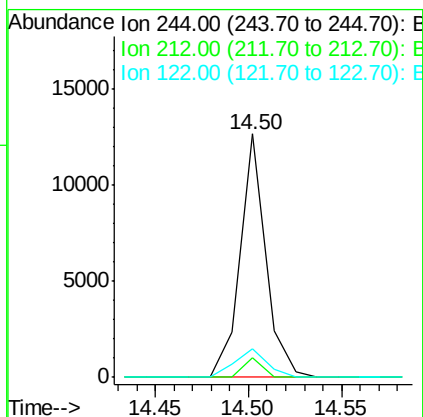
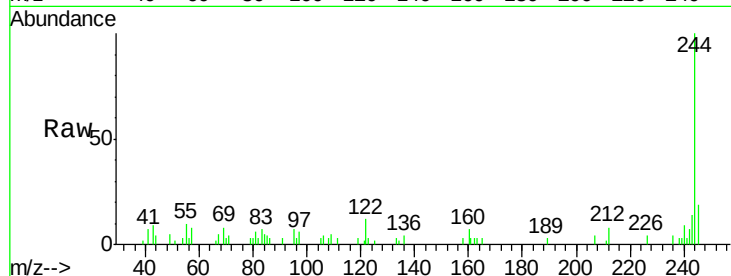




#78
 Terphenyl-d14
 Concen: 1.12 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

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

Tgt Ion: 244 Resp: 12193
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.2 7.8#
 122 12.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.45 min Scan# 1423
 Delta R.T. -0.07 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Tgt Ion: 264 Resp: 244313
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.8
 265 21.8 17.8 26.6

