

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081839.D
 Acq On : 26 Sep 2015 20:58
 Operator : UM/IZ
 Sample : G3754-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENTBLANK

Quant Time: Sep 28 07:59:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	121492	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	454942	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	203082	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	349487	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	289051	20.00	ng	0.00
86) Perylene-d12	15.58	264	287137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	387207	53.92	ng	-0.01
7) Phenol-d6	6.56	99	313451	34.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	686964	99.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	257561	146.08	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1100858	88.98	ng	-0.01
78) Terphenyl-d14	13.06	244	949145	75.01	ng	0.00

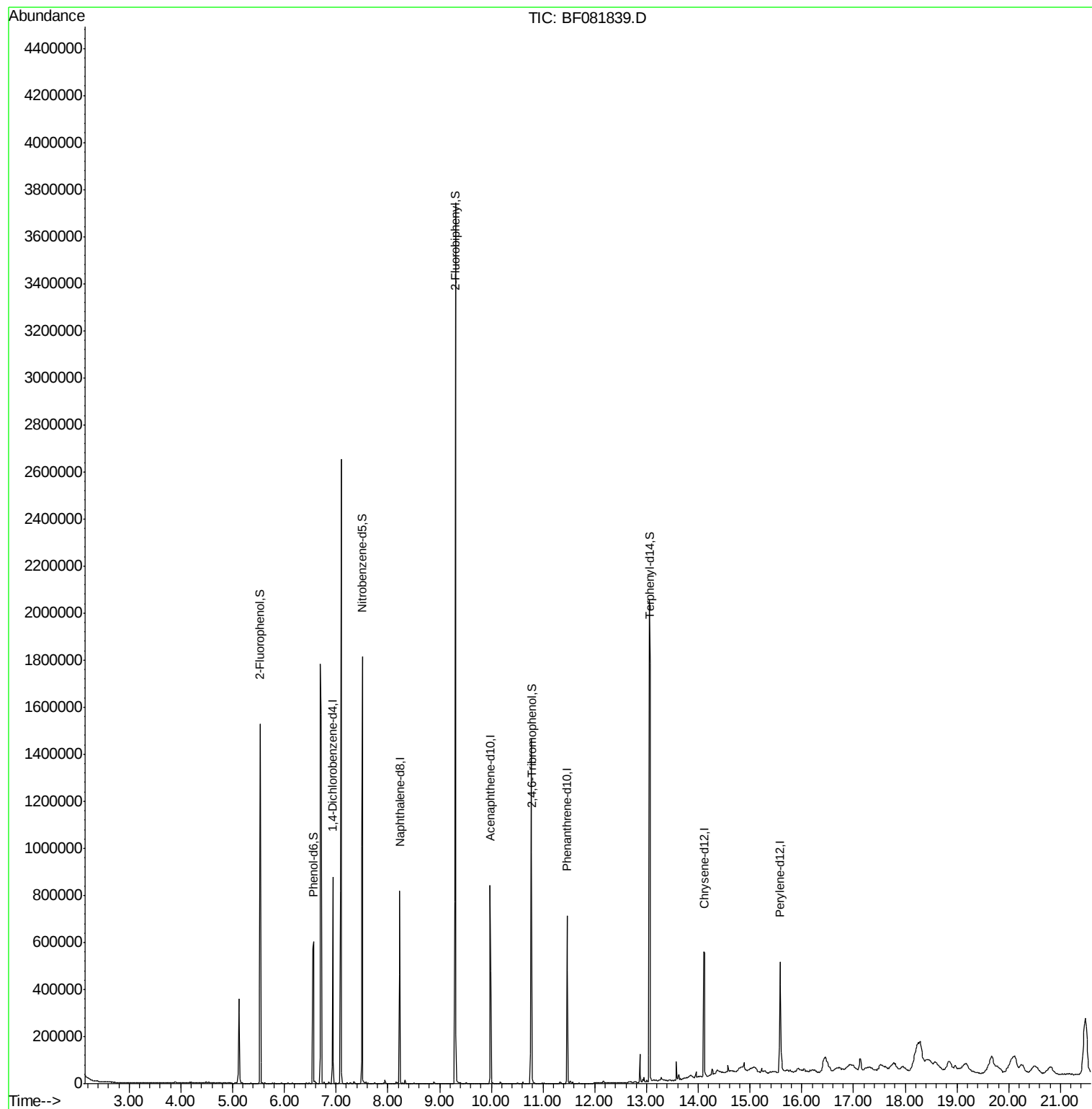
Target Compounds	Qvalue
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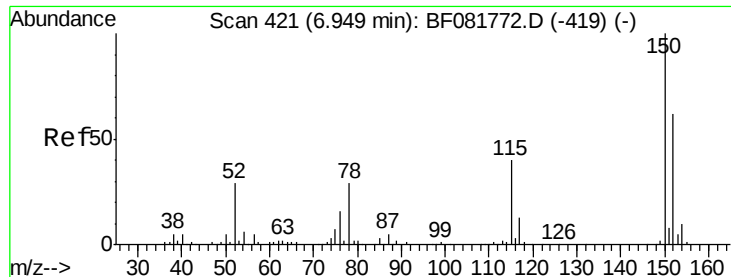
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 06:02:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

EQUIPMENTBLANK

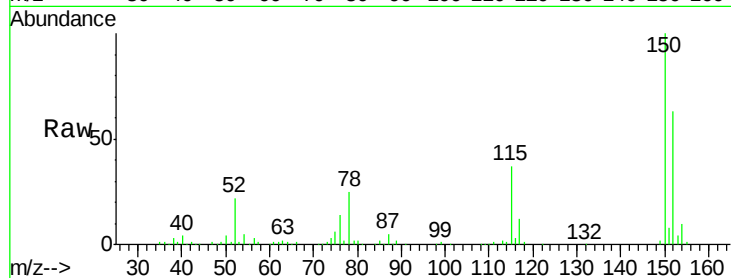
Tgt Ion:152 Resp: 121492

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

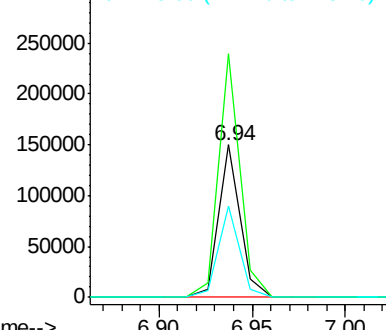
115 59.8 39.0 58.4#



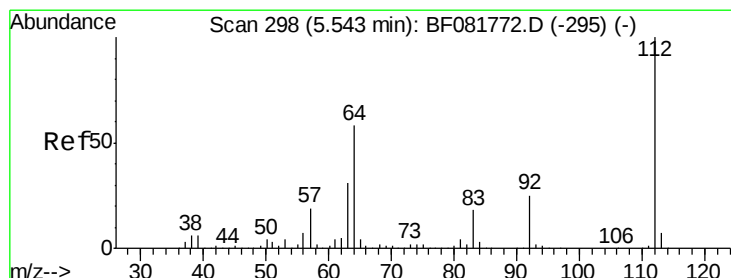
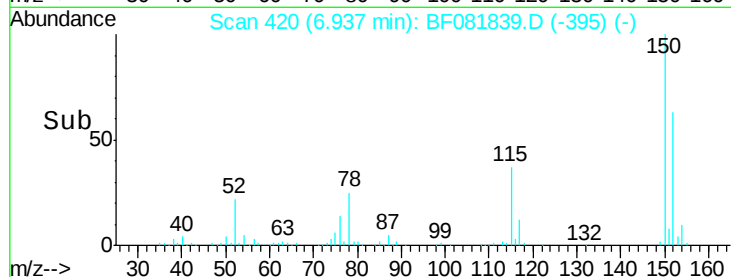
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 53.92 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

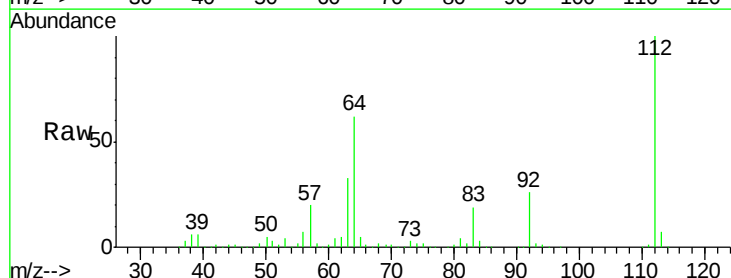
Tgt Ion:112 Resp: 387207

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

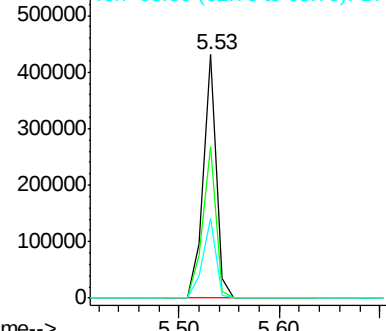
63 32.7 17.4 26.0#



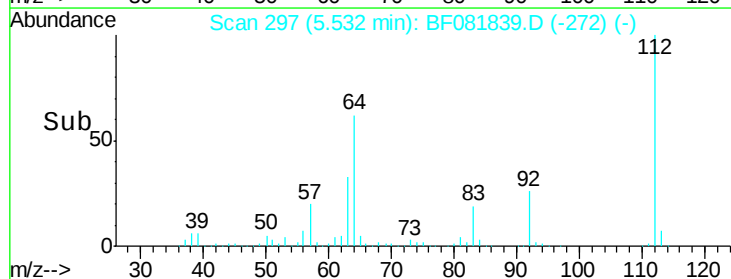
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 34.51 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

EQUIPMENTBLANK

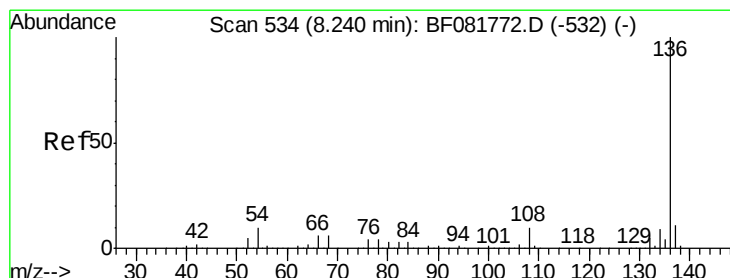
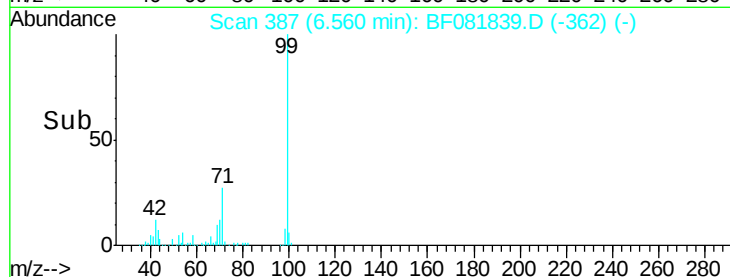
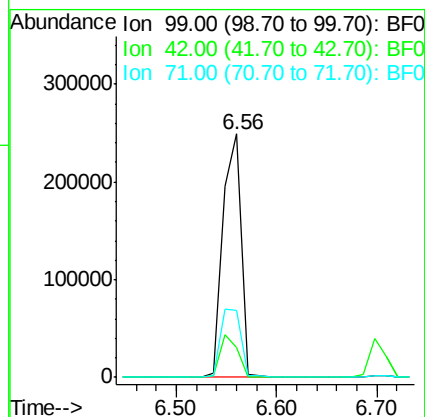
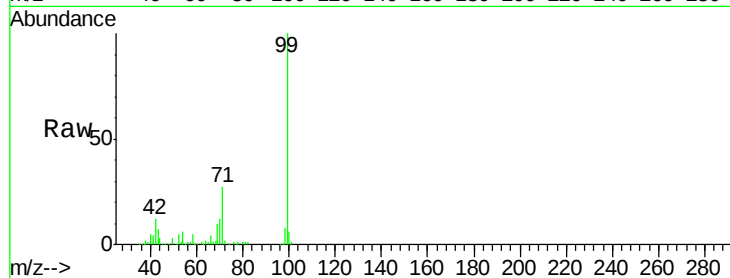
Tgt Ion: 99 Resp: 313451

Ion Ratio Lower Upper

99 100

42 12.4 13.7 20.5#

71 27.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Tgt Ion: 136 Resp: 454942

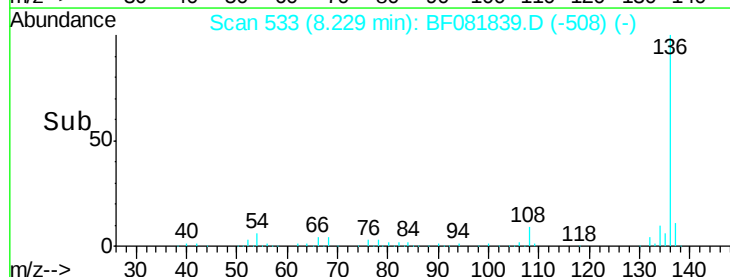
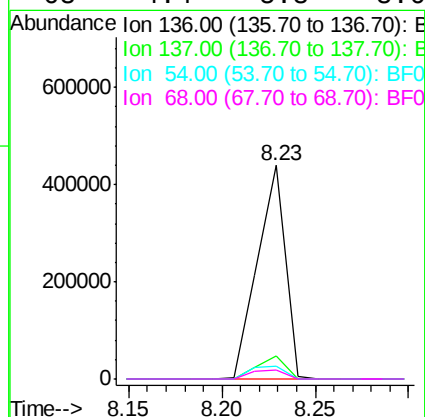
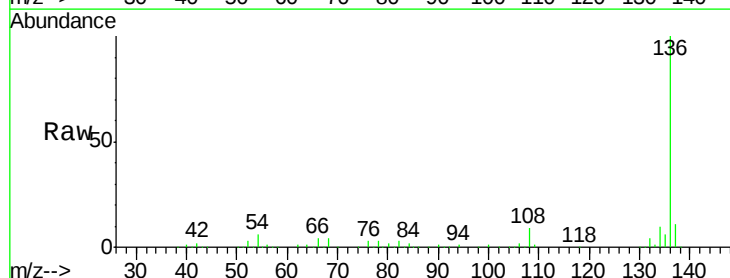
Ion Ratio Lower Upper

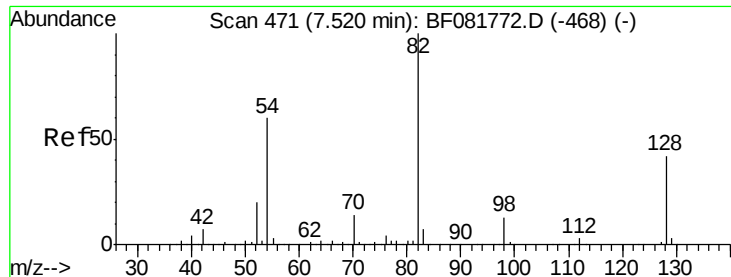
136 100

137 10.7 9.0 13.6

54 6.0 8.2 12.2#

68 4.4 5.8 8.6#

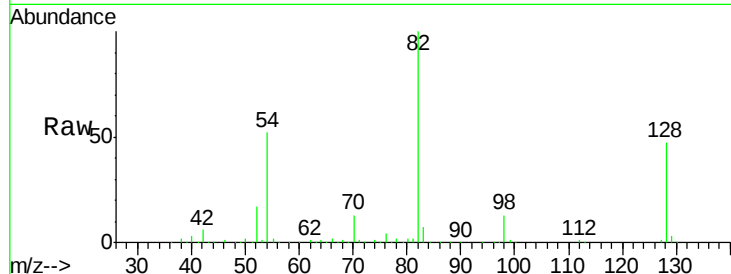




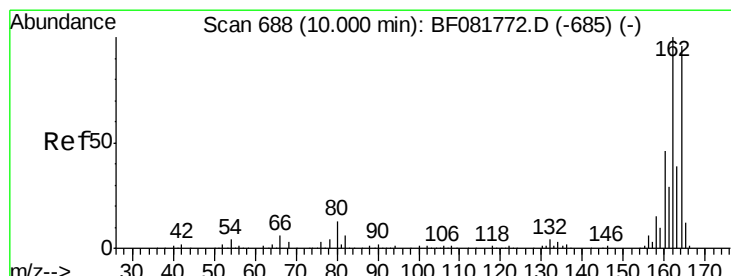
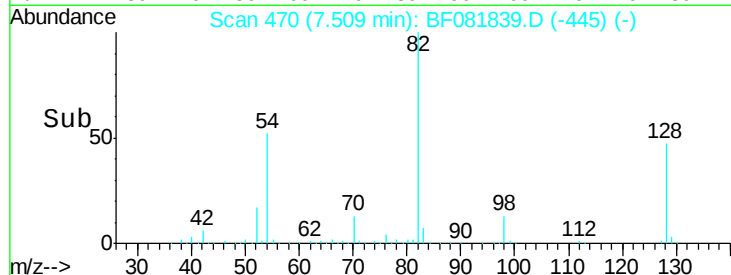
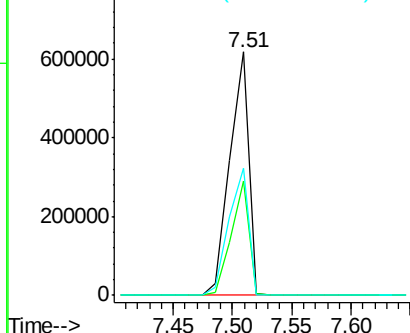
#23
 Nitrobenzene-d5
 Concen: 99.63 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 686964
 Ion Ratio Lower Upper
 82 100
 128 47.1 51.0 76.6#
 54 52.4 47.5 71.3

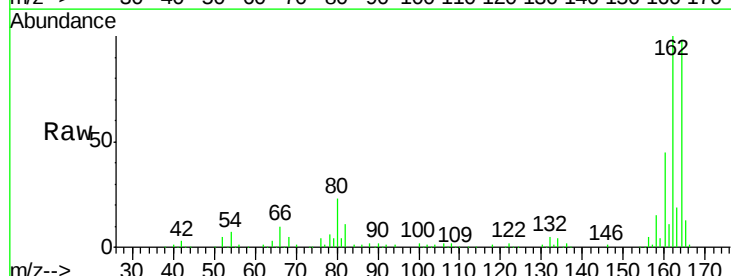


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

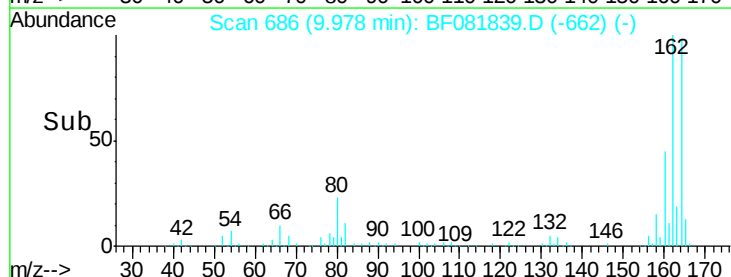
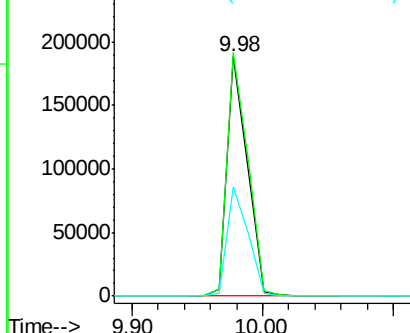


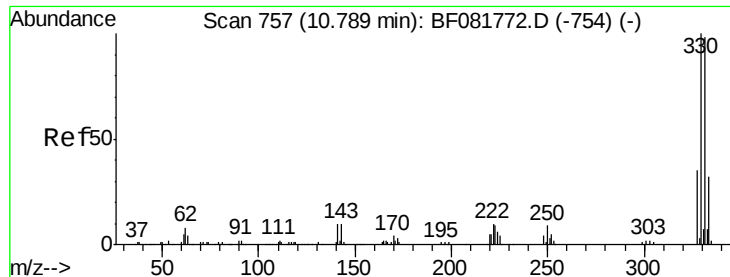
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion: 164 Resp: 203082
 Ion Ratio Lower Upper
 164 100
 162 101.7 75.2 112.8
 160 45.4 31.5 47.3



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

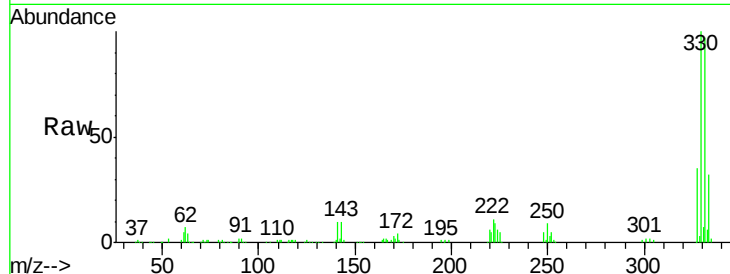




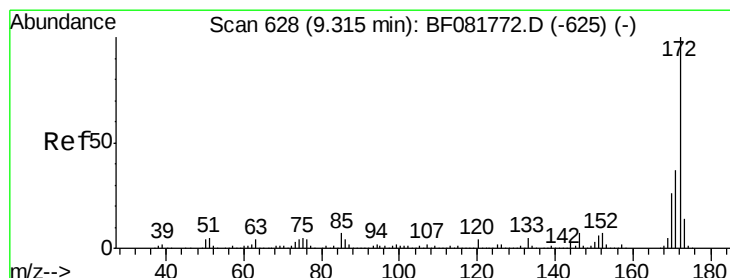
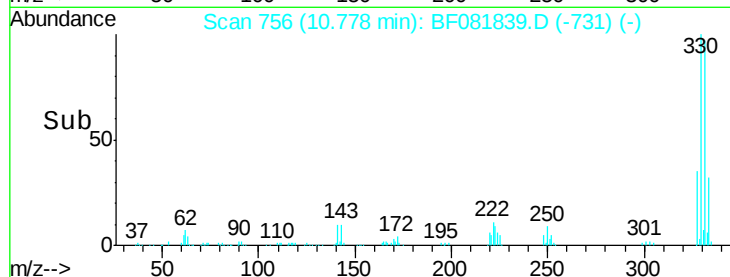
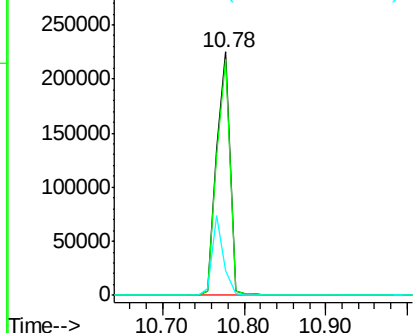
#41
 2,4,6-Tribromophenol
 Concen: 146.08 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 257561
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 28.2 29.7 44.5#

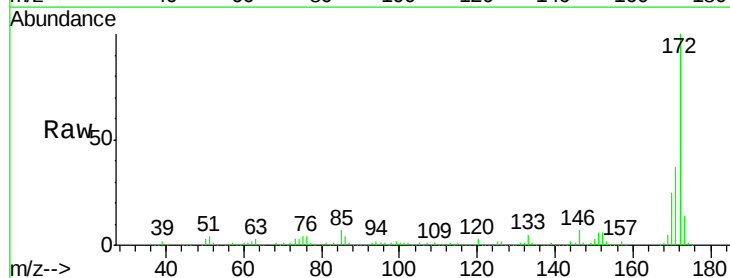


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

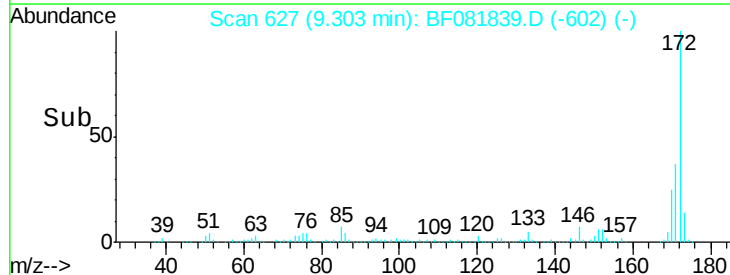
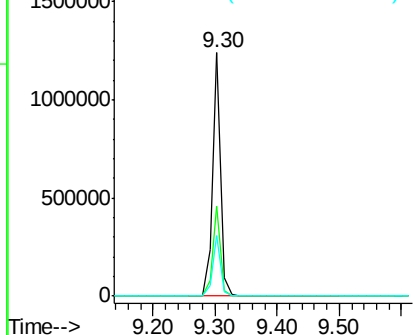


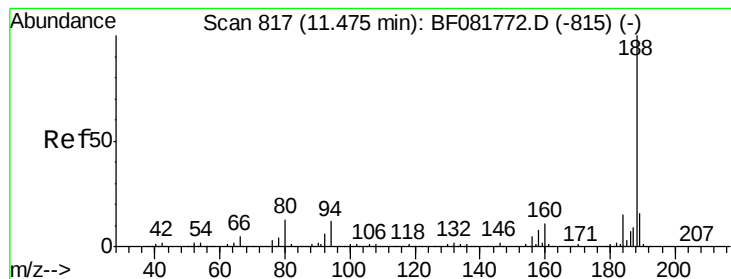
#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081839.D
 Acq: 26 Sep 2015 20:58

Tgt Ion:172 Resp: 1100858
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.1 17.4 26.2



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: 11.46 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

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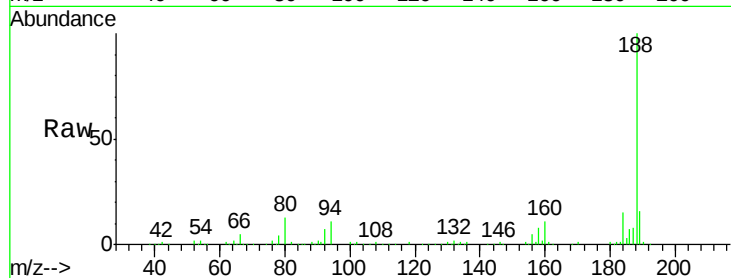
Tgt Ion:188 Resp: 349487

Ion Ratio Lower Upper

188 100

94 11.3 11.1 16.7

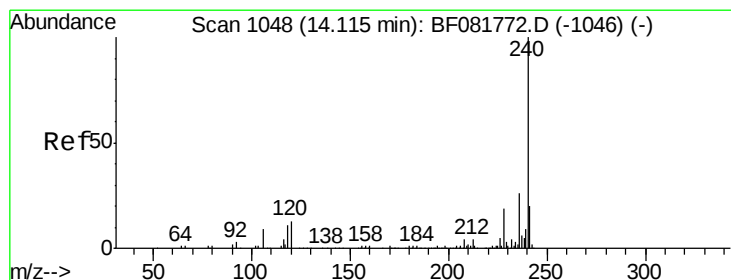
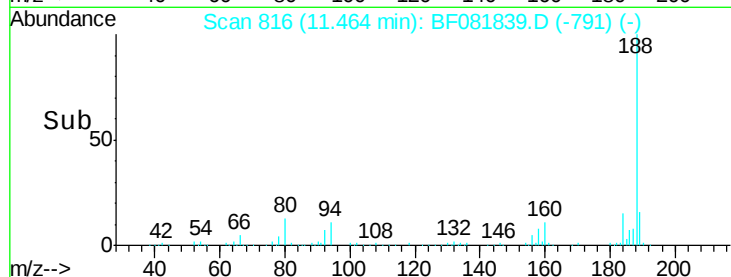
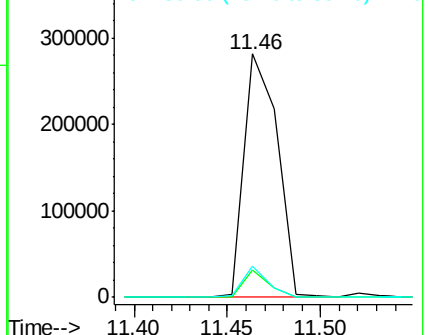
80 13.0 11.0 16.4



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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

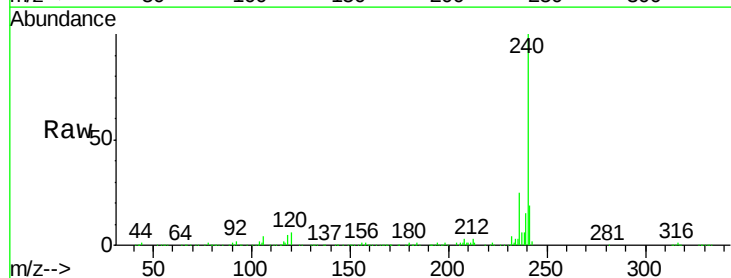
Tgt Ion:240 Resp: 289051

Ion Ratio Lower Upper

240 100

120 6.0 16.2 24.2#

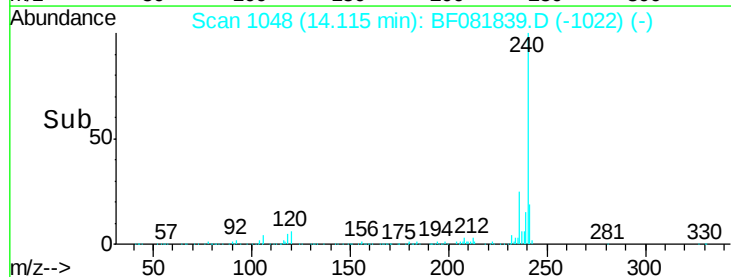
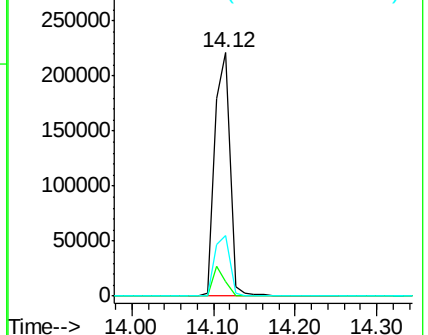
236 24.9 18.4 27.6

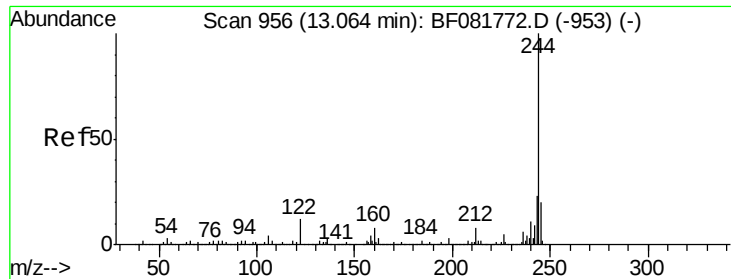


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.01 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

Instrument :

BNA_F

ClientSampleId :

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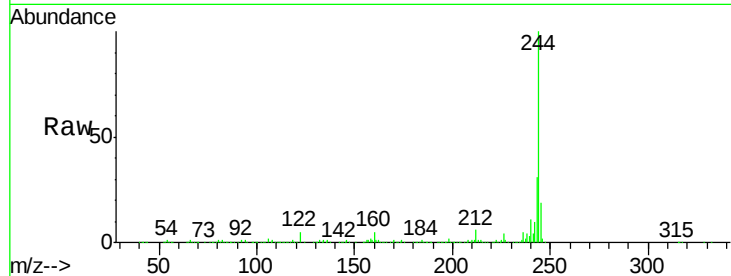
Tgt Ion:244 Resp: 949145

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

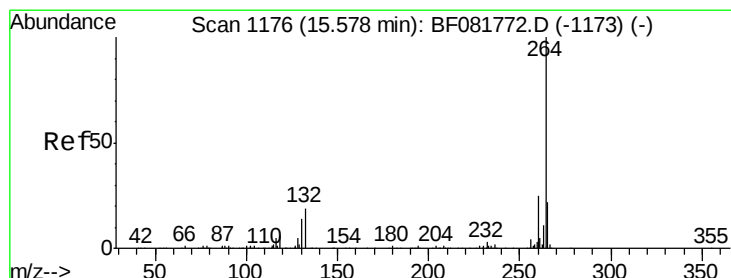
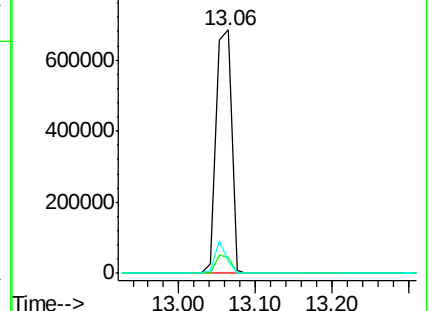
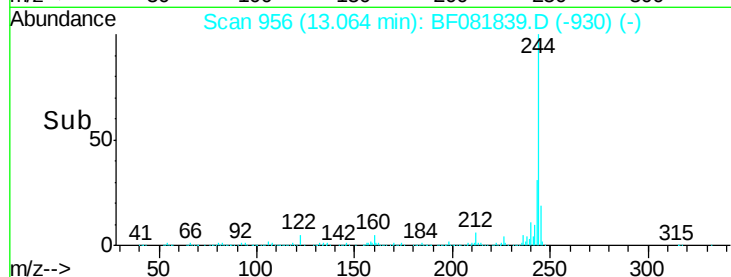
122 4.9 17.4 26.2#



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: 15.58 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF081839.D

Acq: 26 Sep 2015 20:58

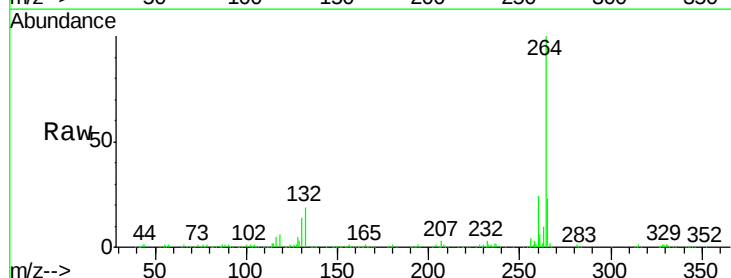
Tgt Ion:264 Resp: 287137

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 22.5 17.2 25.8



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

