

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084266.D
 Acq On : 5 Jan 2016 5:31
 Operator : UM/SJ
 Sample : G4990-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Quant Time: Jan 05 07:31:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	280281	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1125003	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	482354	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	794875	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	548682	20.00	ng	-0.01
86) Perylene-d12	15.49	264	532494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1162893	67.11	ng	0.01
7) Phenol-d6	6.53	99	1124918	51.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	1811427	89.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	650334	133.54	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2486026	91.12	ng	-0.01
78) Terphenyl-d14	13.00	244	1659005	67.49	ng	-0.01

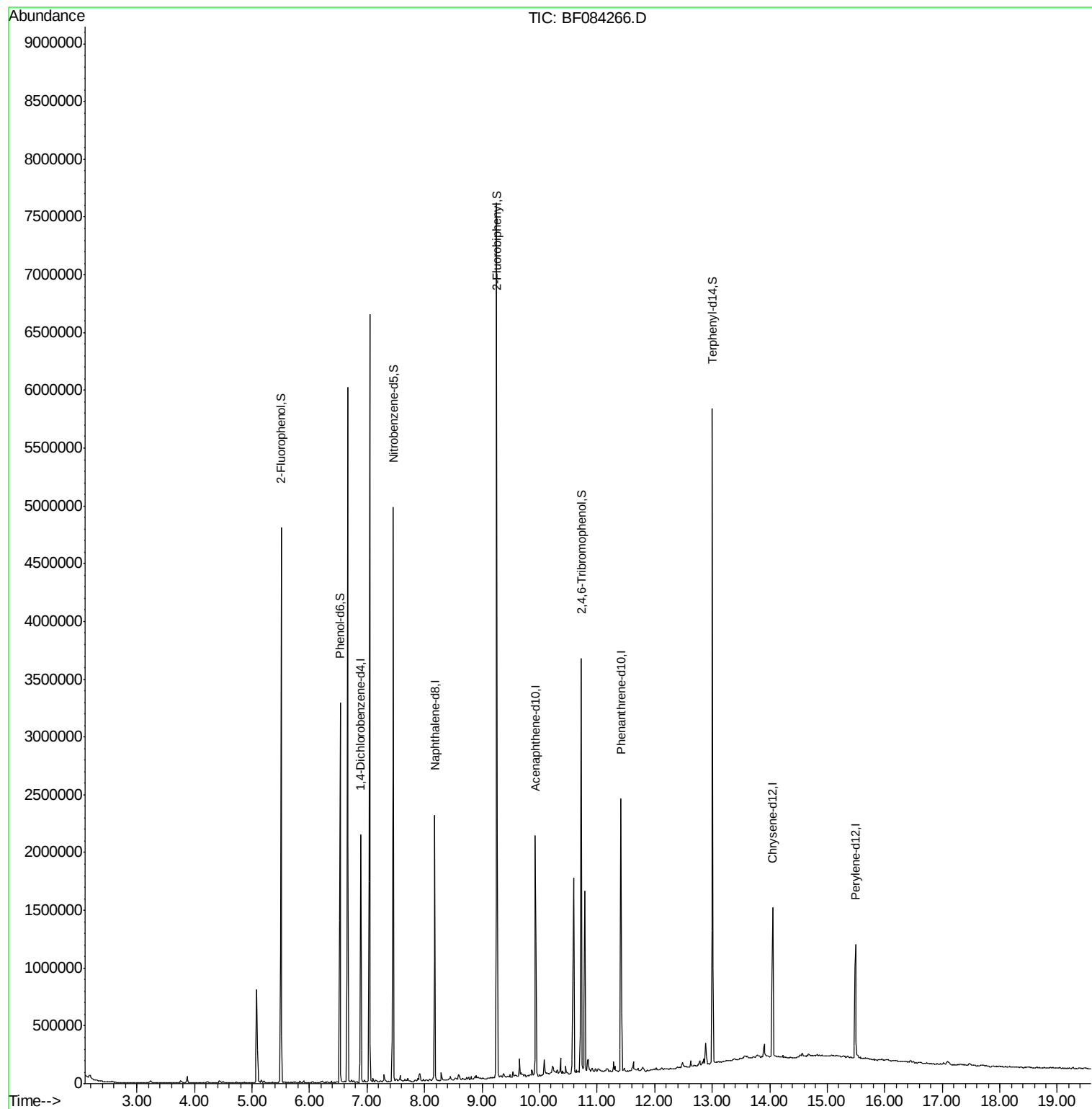
Target Compounds Qvalue

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

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Quant Time: Jan 05 07:31:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

W-41

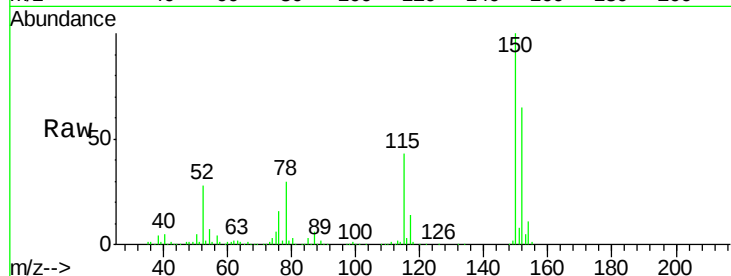
Tot Ion:152 Resp: 280281

Ion Ratio Lower Upper

152 100

150 154.3 123.0 184.4

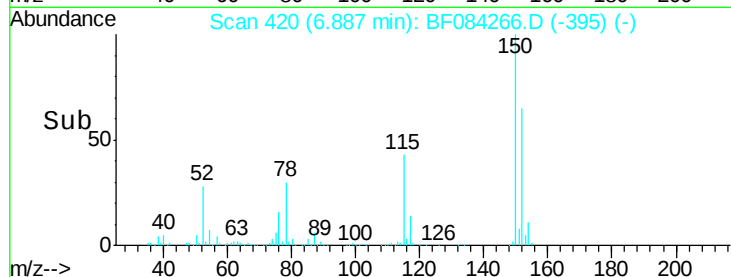
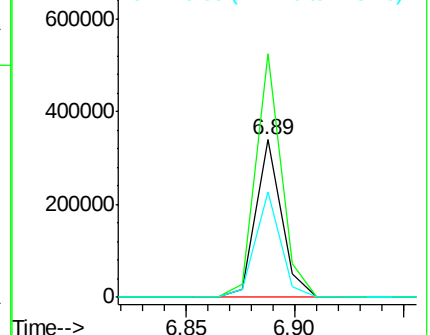
115 66.7 51.4 77.2



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: 67.11 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

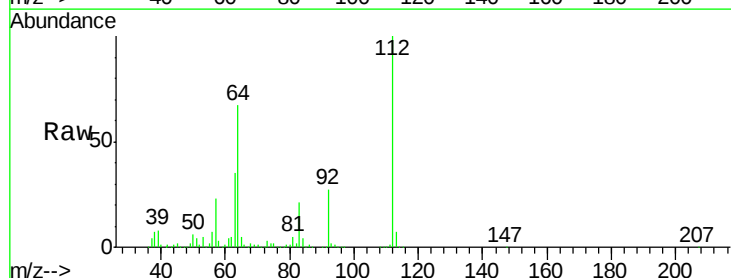
Tgt Ion:112 Resp: 1162893

Ion Ratio Lower Upper

112 100

64 67.1 36.6 55.0#

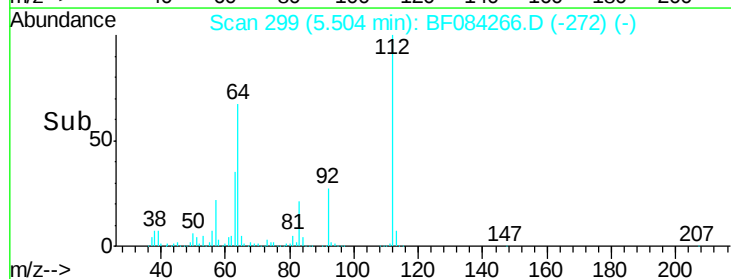
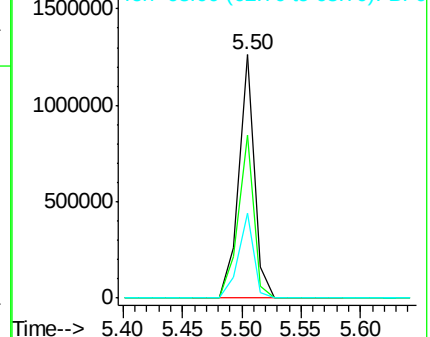
63 34.8 19.4 29.0#

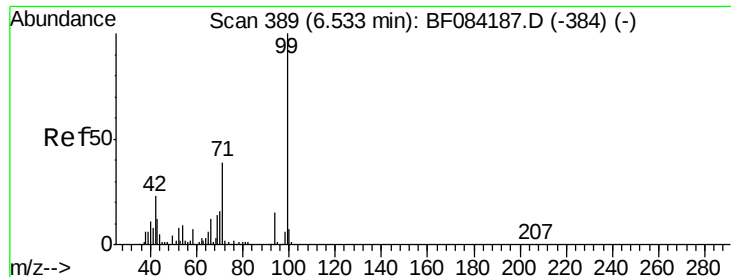


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.69 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

W-41

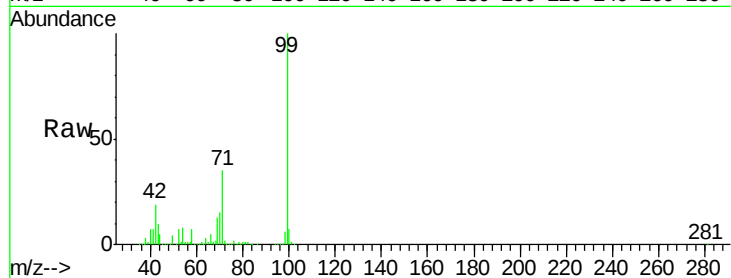
Tot Ion: 99 Resp: 1124918

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

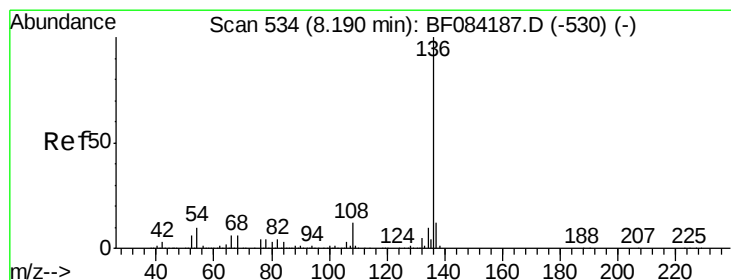
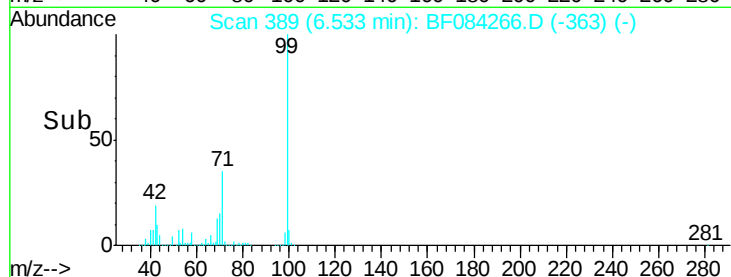
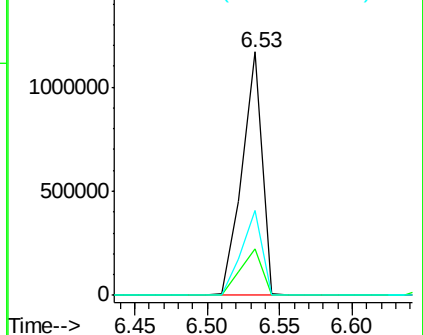
71 34.7 30.9 46.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

Tgt Ion:136 Resp: 1125003

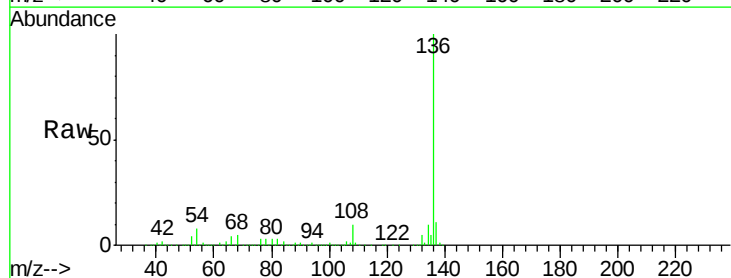
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.6 5.8 8.8

68 4.6 4.2 6.2

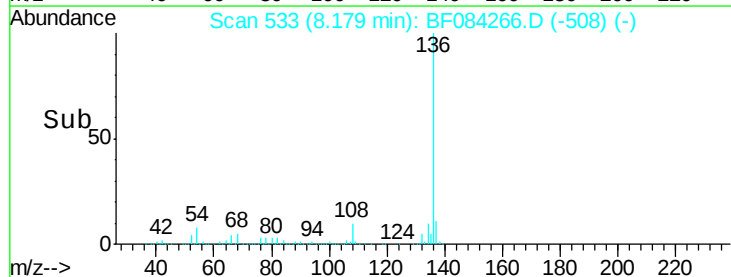
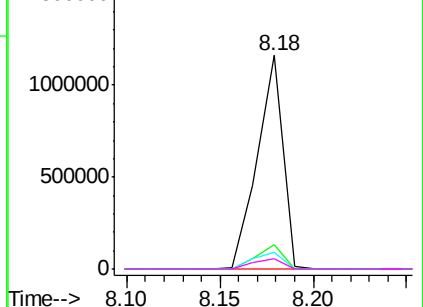


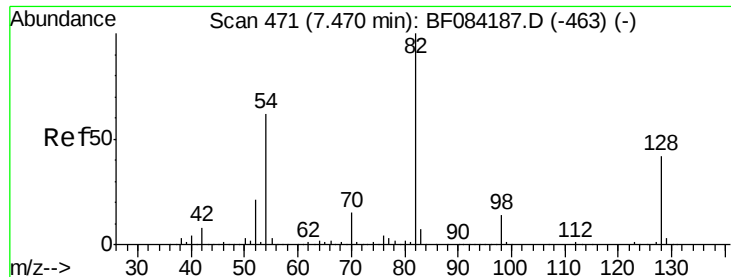
Abundance Ion 136.00 (135.70 to 136.70): E

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

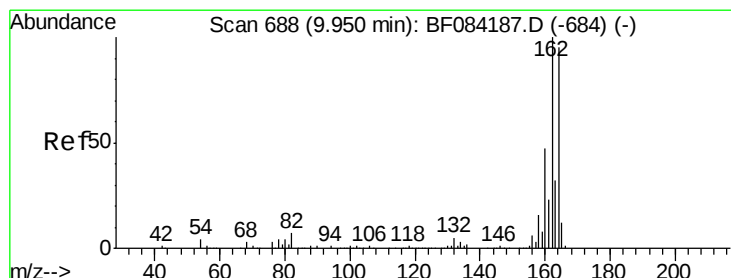
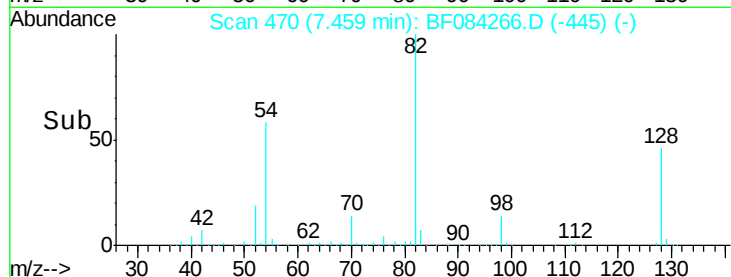
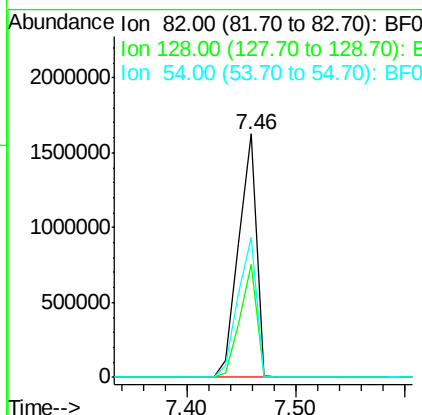
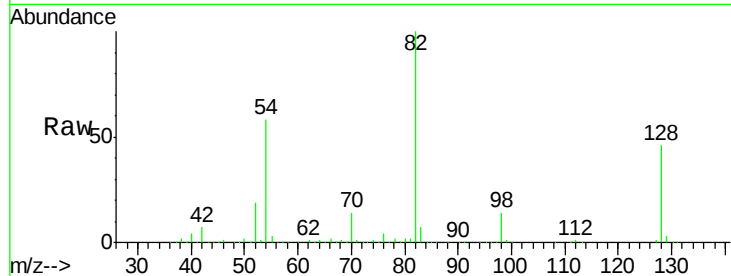




#23
Nitrobenzene-d5
Concen: 89.61 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084266.D
Acq: 5 Jan 2016 5:31

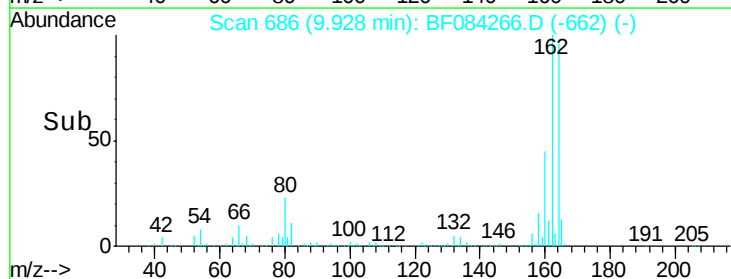
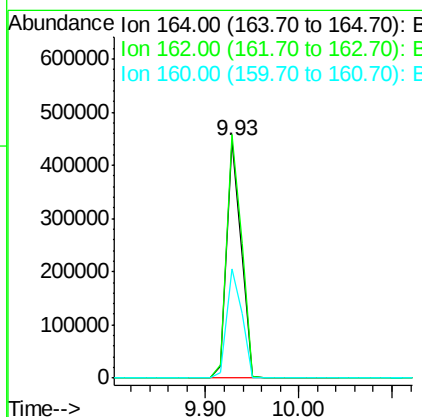
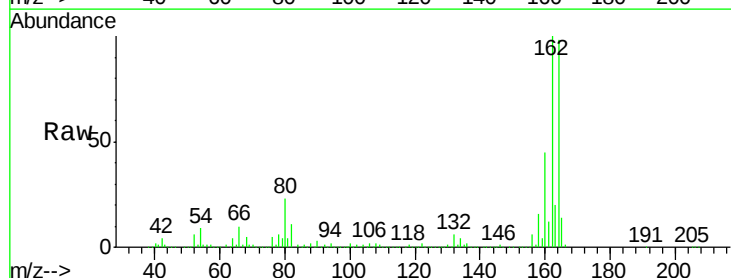
Instrument :
BNA_F
ClientSampled :
W-41

Tot Ion: 82 Resp: 1811427
Ion Ratio Lower Upper
82 100
128 46.2 34.6 51.8
54 57.5 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084266.D
Acq: 5 Jan 2016 5:31

Tgt Ion:164 Resp: 482354
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 46.0 37.5 56.3

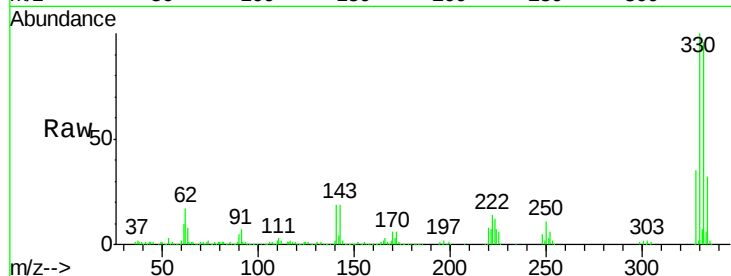




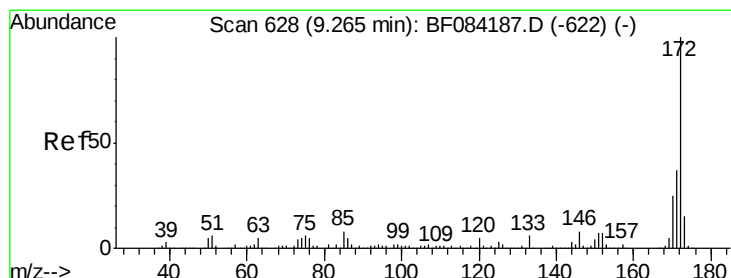
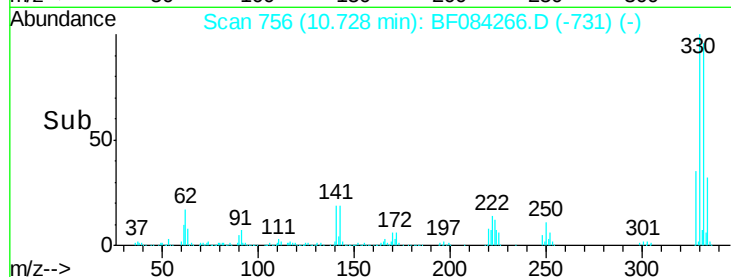
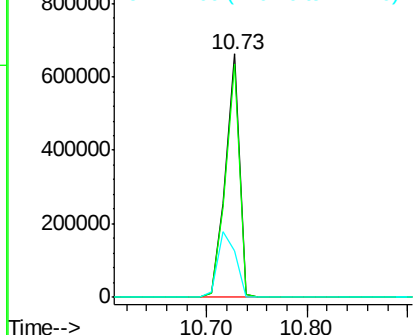
#41
 2,4,6-Tribromophenol
 Concen: 133.54 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084266.D
 Acq: 5 Jan 2016 5:31

Instrument :
 BNA_F
 ClientSampled :
 W-41

Tot Ion:330 Resp: 650334
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 34.0 27.8 41.6

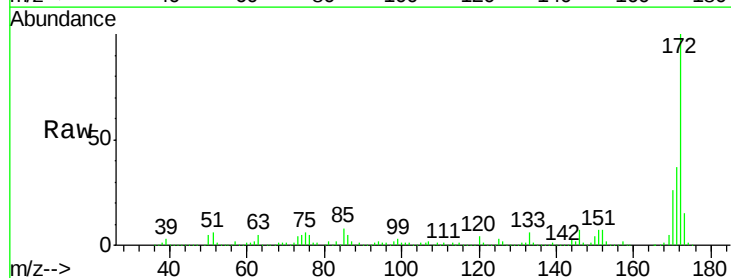


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

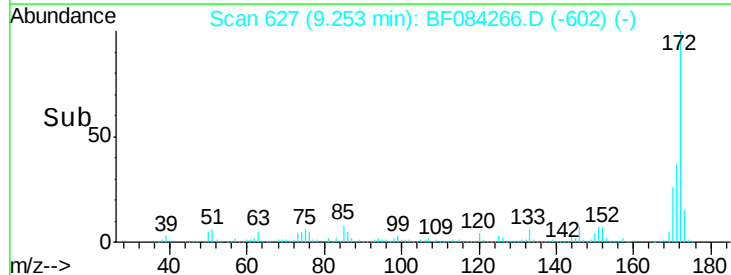
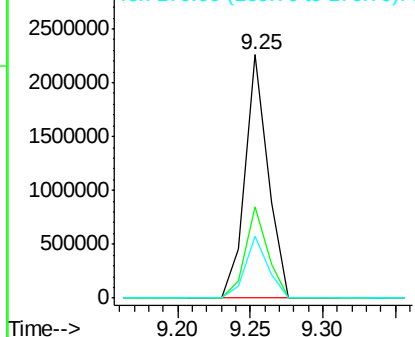


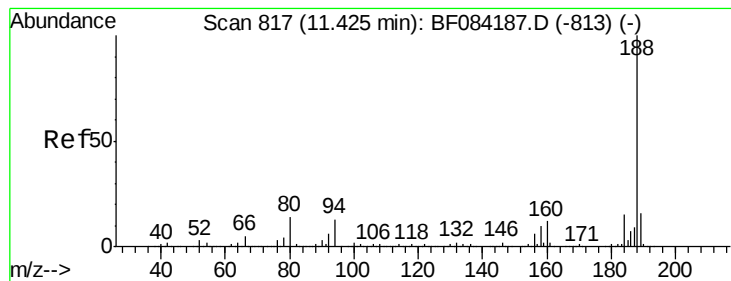
#44
 2-Fluorobiphenyl
 Concen: 91.12 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084266.D
 Acq: 5 Jan 2016 5:31

Tgt Ion:172 Resp: 2486026
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.7 18.6 27.8



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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

W-41

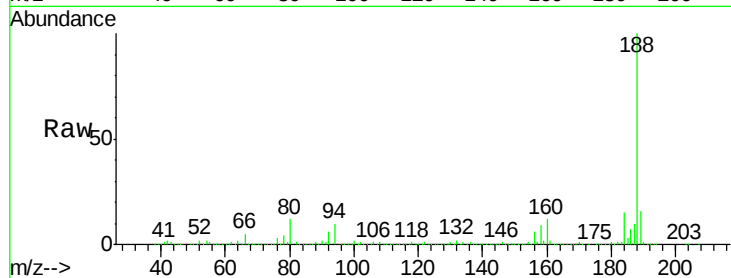
Tot Ion:188 Resp: 794875

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

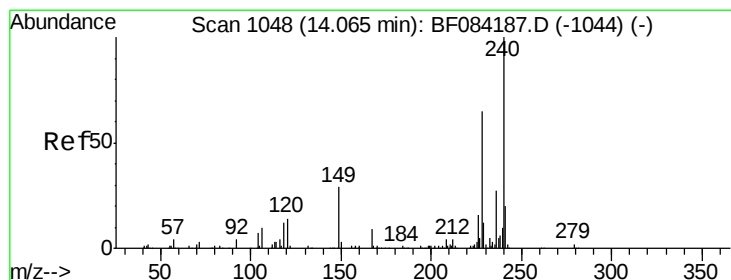
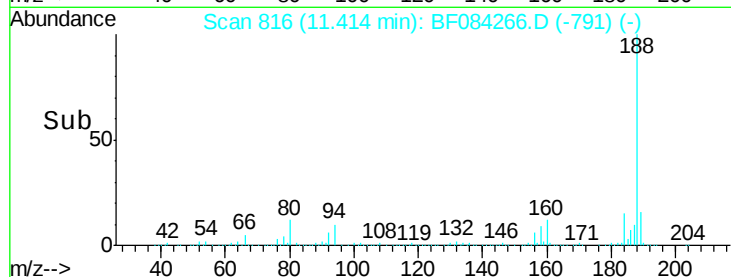
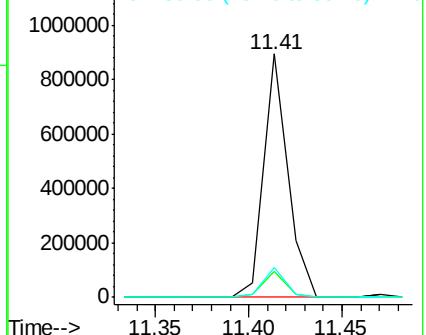
80 12.3 9.6 14.4



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

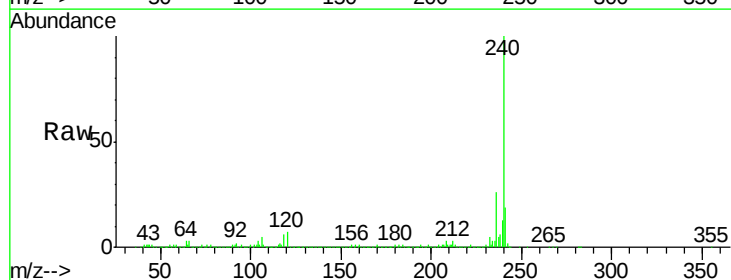
Tgt Ion:240 Resp: 548682

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

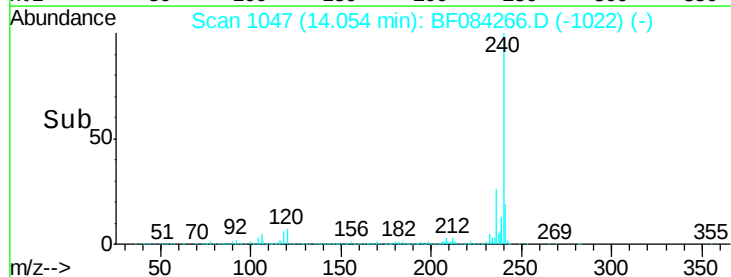
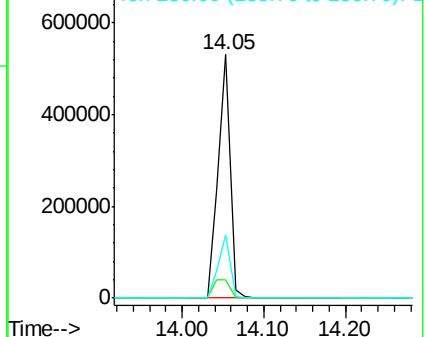
236 25.9 20.6 31.0

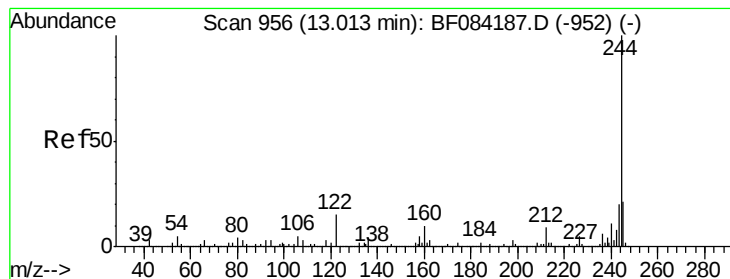


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.49 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

Instrument :

BNA_F

ClientSampleId :

W-41

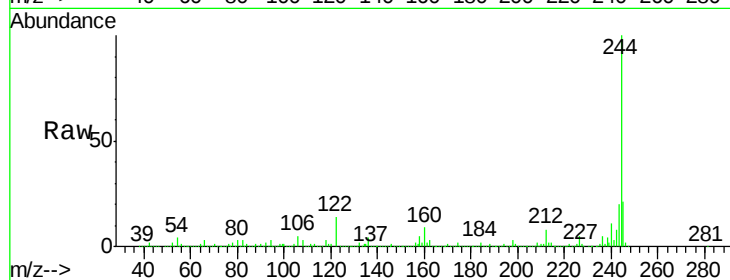
Tot Ion:244 Resp: 1659005

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

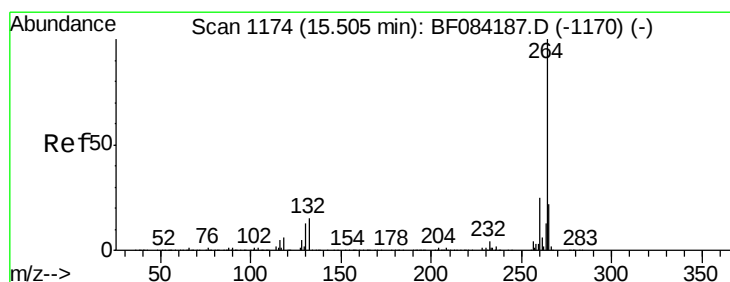
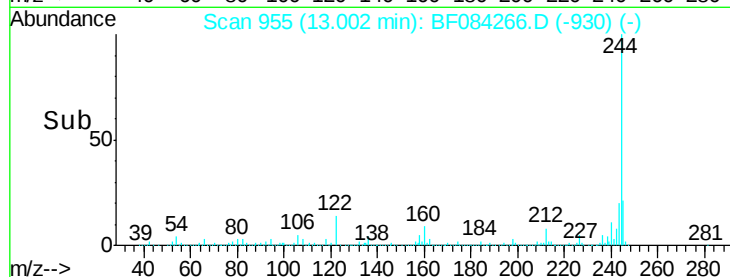
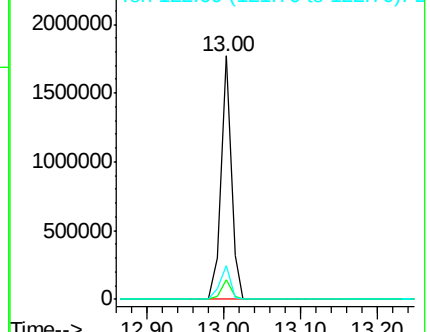
122 13.7 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084266.D

Acq: 5 Jan 2016 5:31

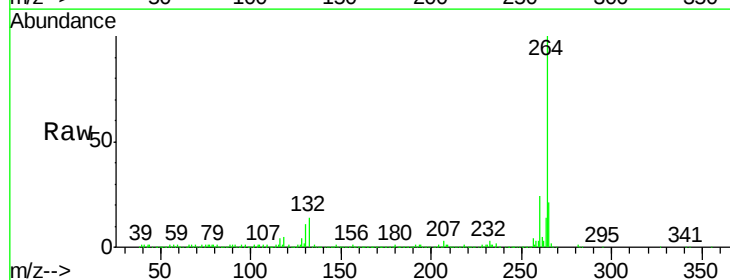
Tgt Ion:264 Resp: 532494

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

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

