

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084292.D
 Acq On : 6 Jan 2016 16:30
 Operator : SJ/UM
 Sample : H1010-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jan 07 01:21:21 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	6.86	152	280994	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1219316	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	554032	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1050412	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	849293	20.00	ng	-0.05
86) Perylene-d12	15.45	264	686006	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	984186	56.65	ng	-0.02
7) Phenol-d6	6.50	99	720495	33.02	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1917776	87.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	778263	139.14	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2789036	88.84	ng	-0.03
78) Terphenyl-d14	12.98	244	2667045	70.10	ng	-0.03

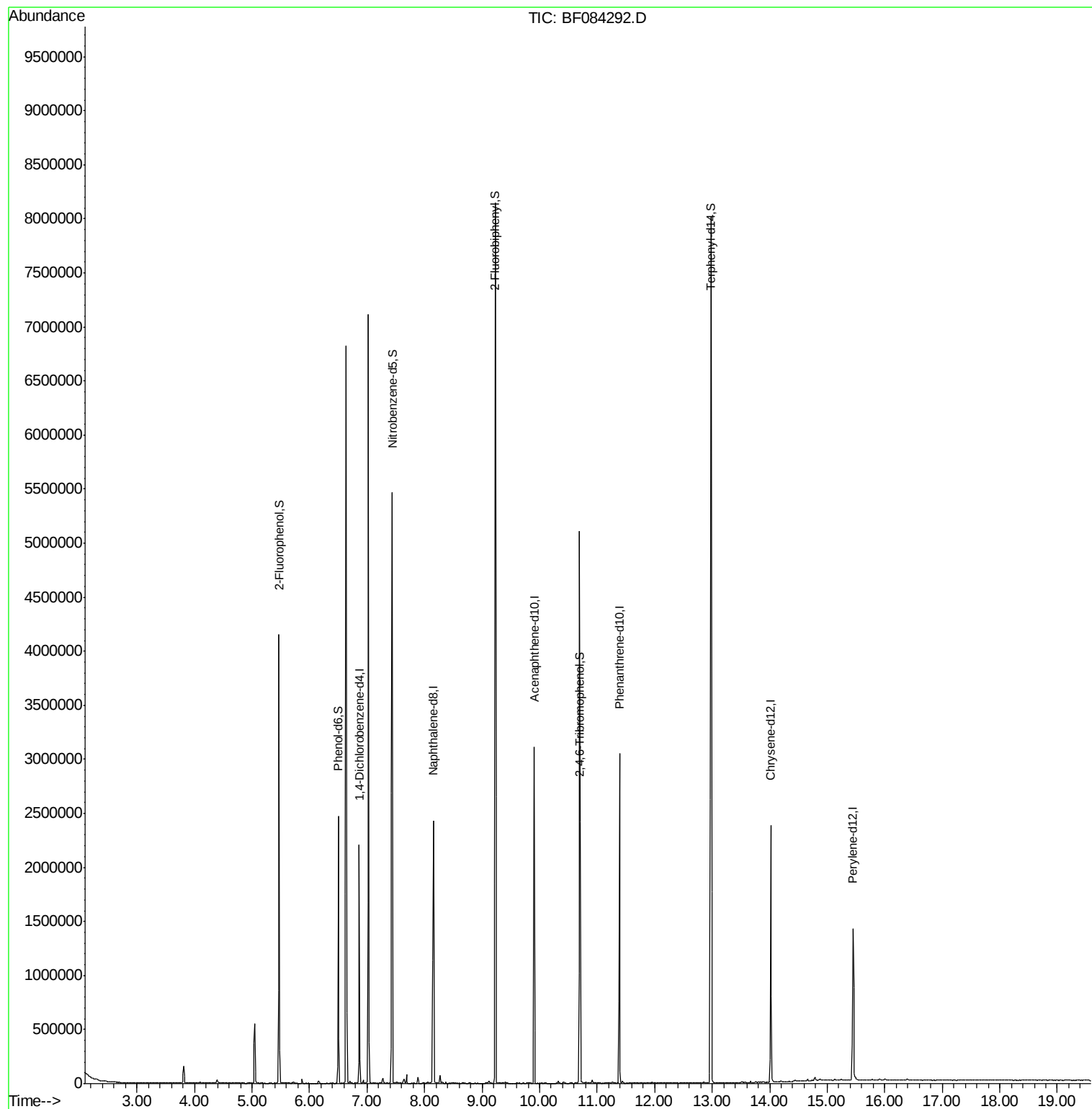
Target Compounds Qvalue

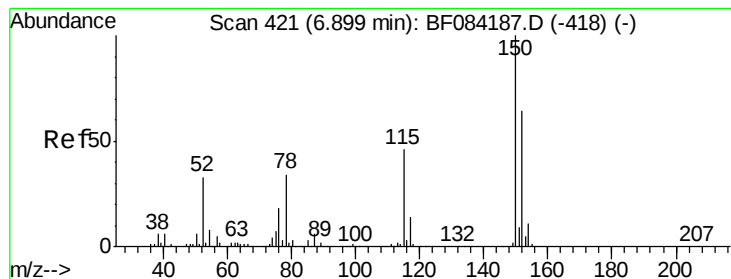
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

Instrument :

BNA_F

ClientSampleId :

FB

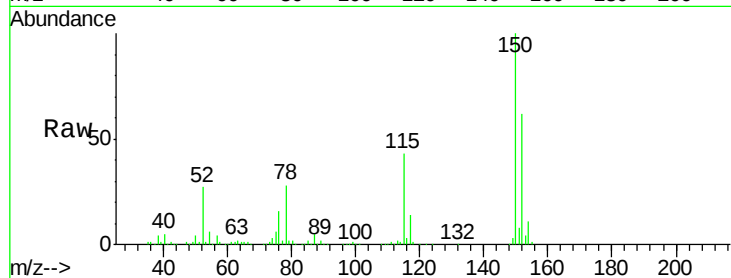
Tot Ion:152 Resp: 280994

Ion Ratio Lower Upper

152 100

150 160.2 123.0 184.4

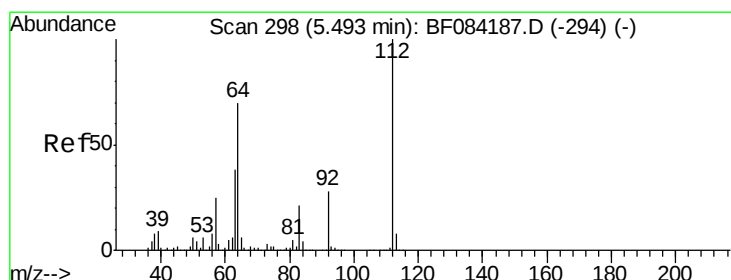
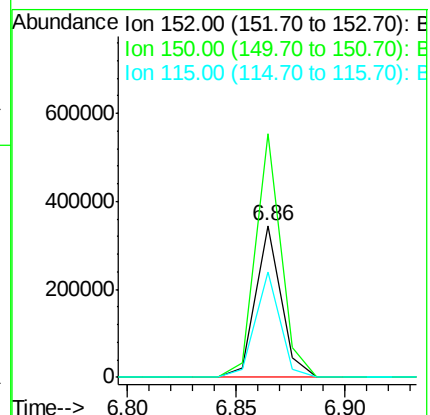
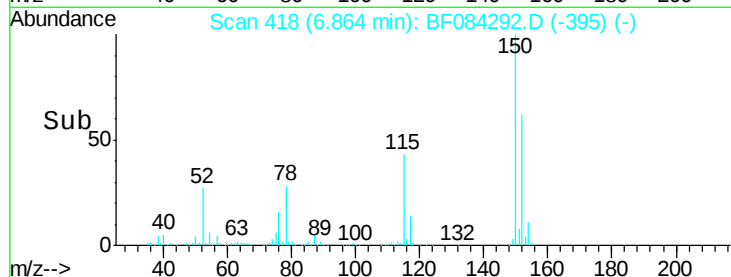
115 69.3 51.4 77.2



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: 56.65 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

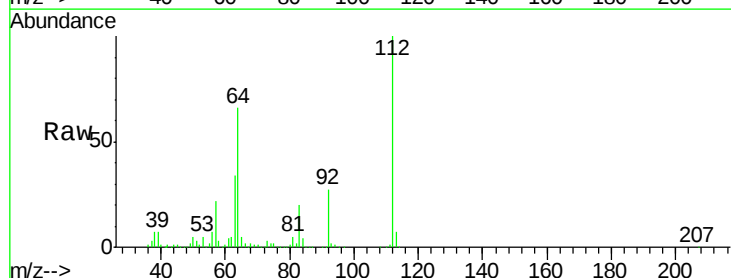
Tgt Ion:112 Resp: 984186

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

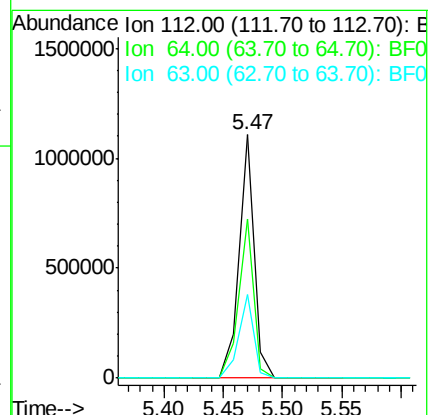
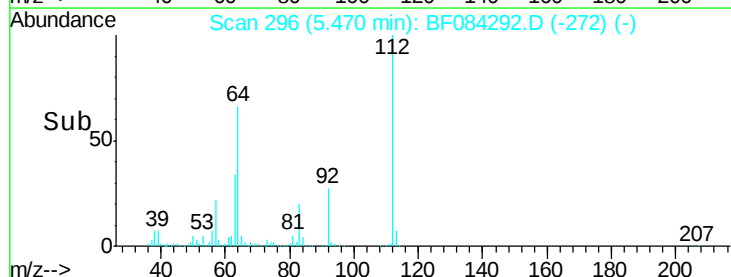
63 34.3 19.4 29.0#

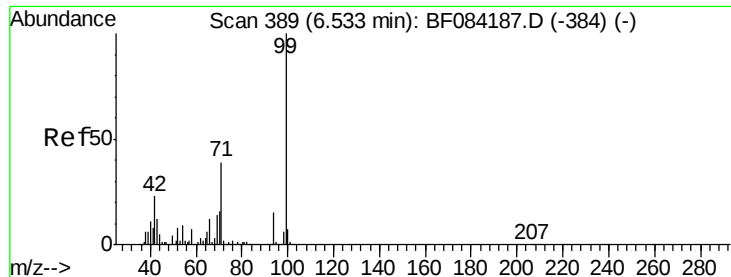


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.02 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

Instrument :

BNA_F

ClientSampleId :

FB

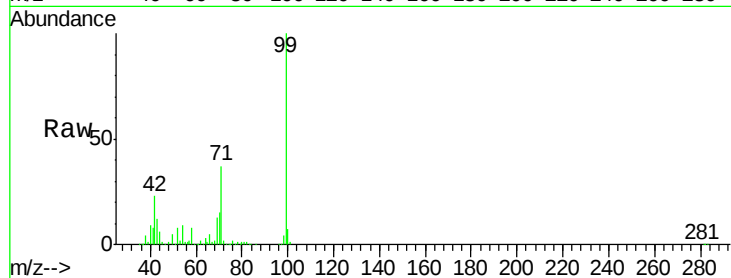
Tot Ion: 99 Resp: 720495

Ion Ratio Lower Upper

99 100

42 23.2 12.8 19.2#

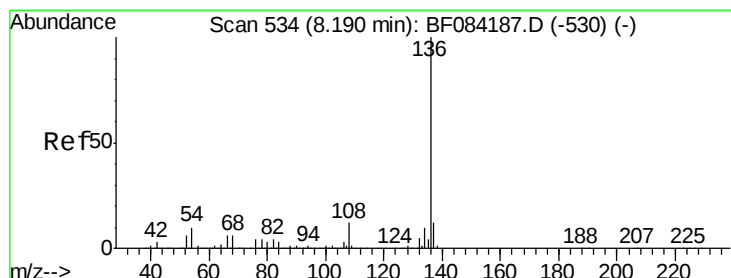
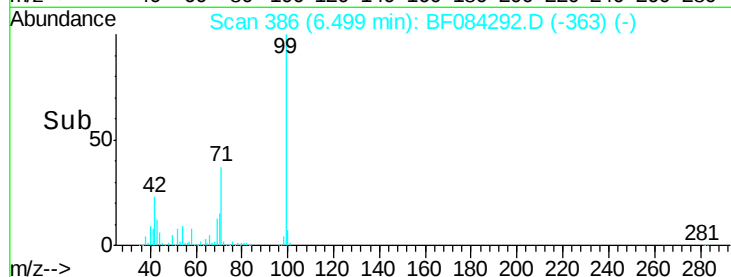
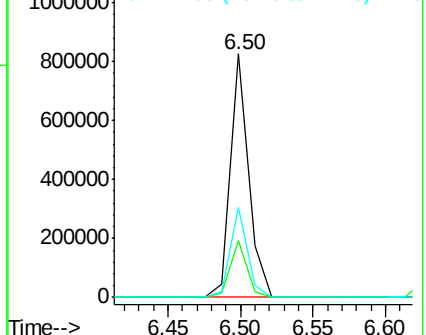
71 36.9 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

Tgt Ion: 136 Resp: 1219316

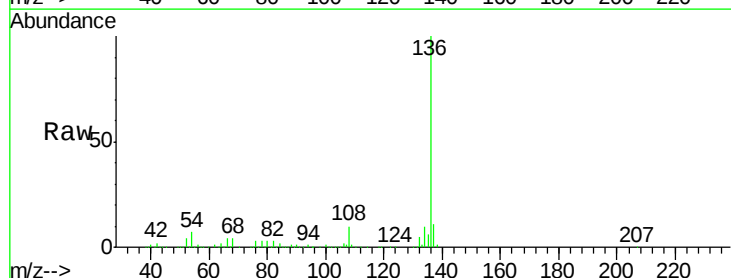
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.0 5.8 8.8

68 4.2 4.2 6.2

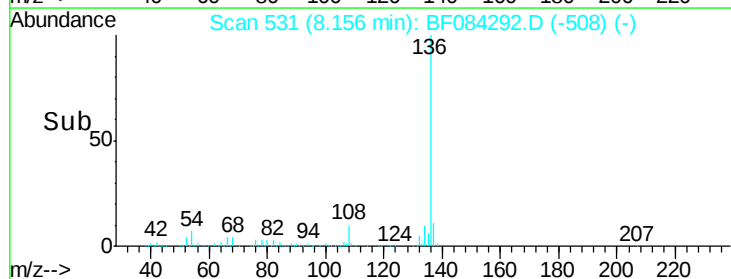
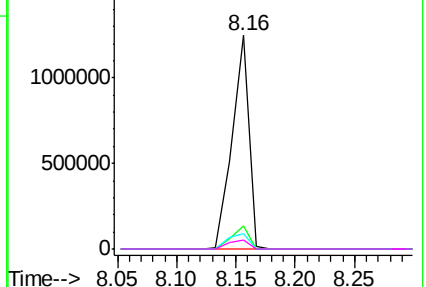


Abundance Ion 136.00 (135.70 to 136.70): E

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

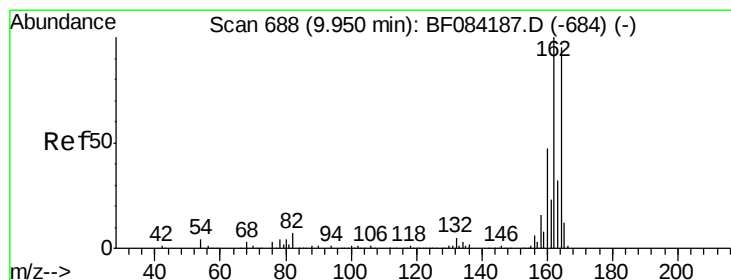
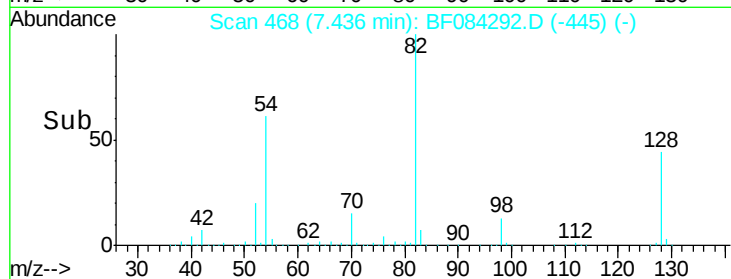
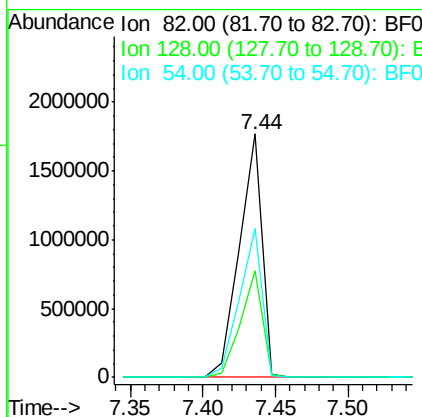
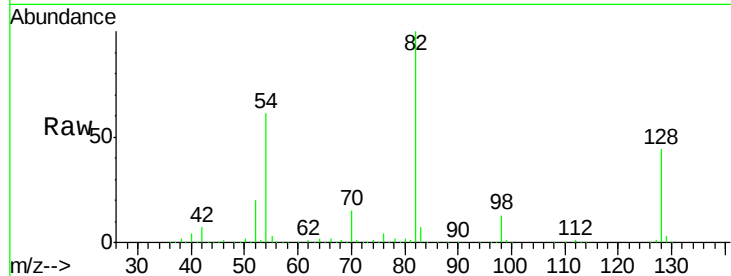




#23
Nitrobenzene-d5
Concen: 87.54 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

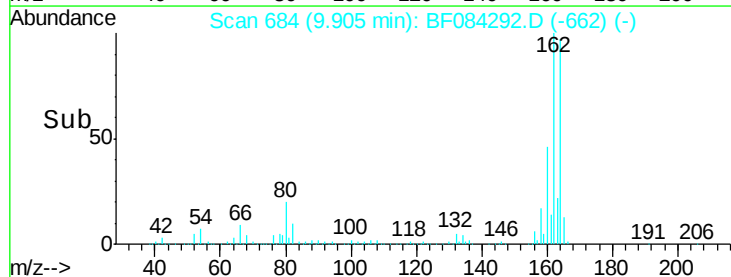
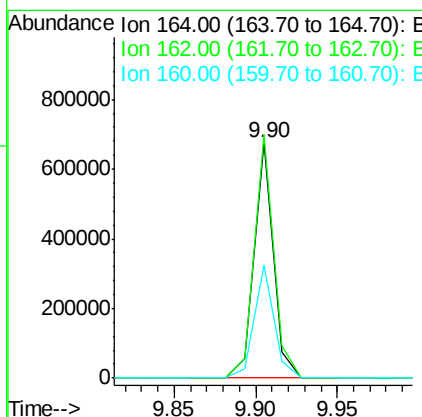
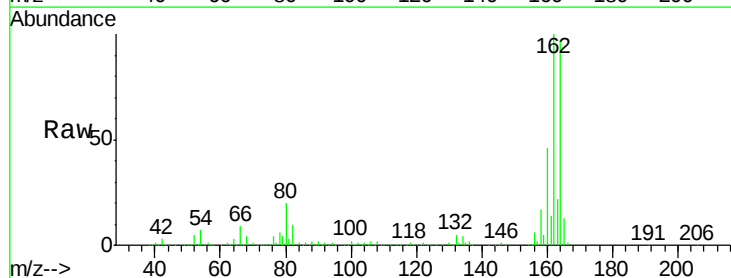
Instrument :
BNA_F
ClientSampled :
FB

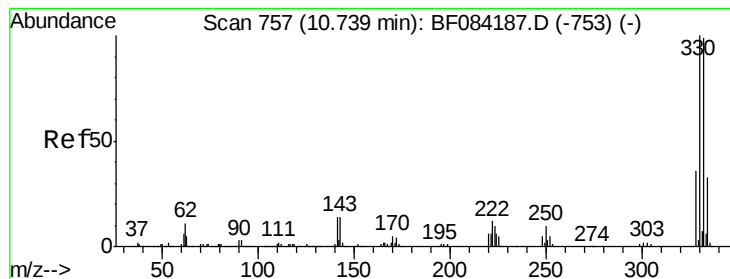
Tot Ion: 82 Resp: 1917776
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 61.0 38.4 57.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion:164 Resp: 554032
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 47.9 37.5 56.3

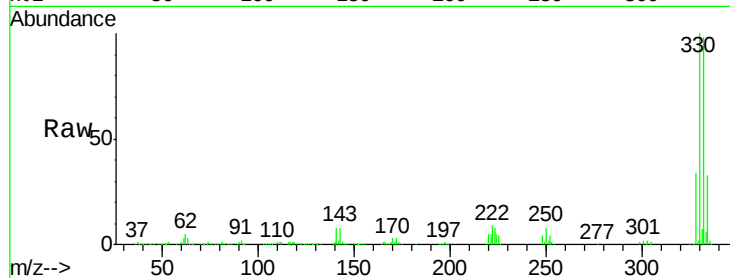




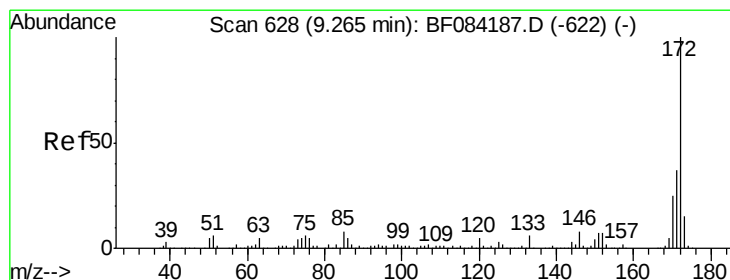
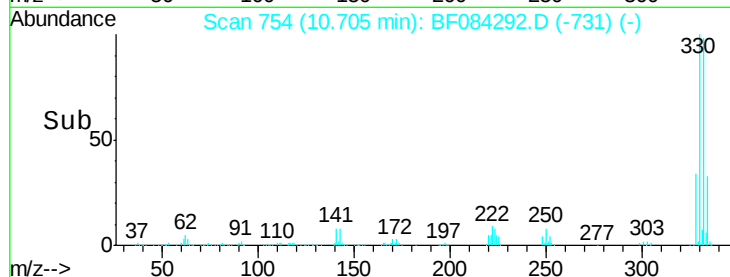
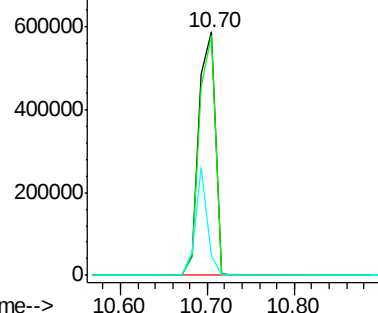
#41
 2,4,6-Tribromophenol
 Concen: 139.14 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:330 Resp: 778263
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 32.8 27.8 41.6

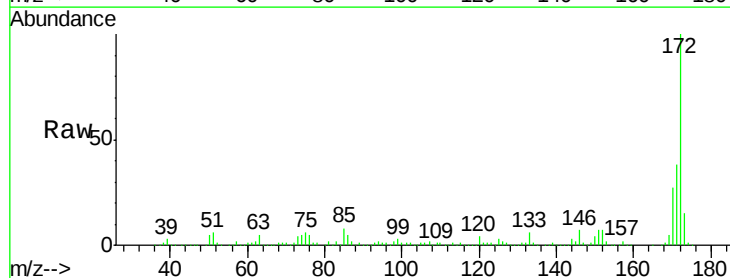


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

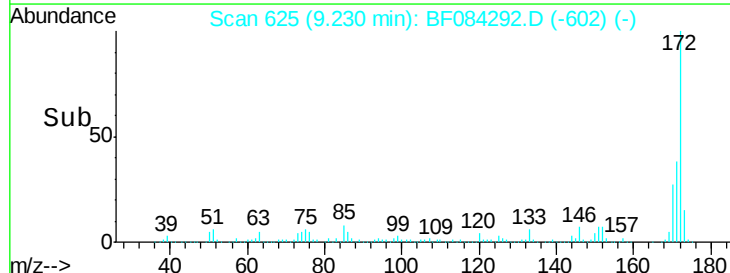
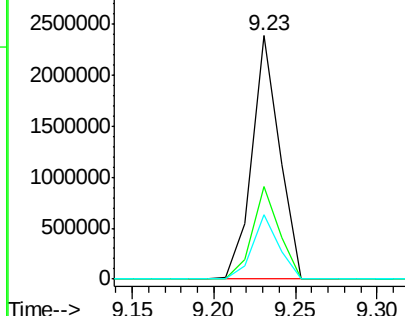


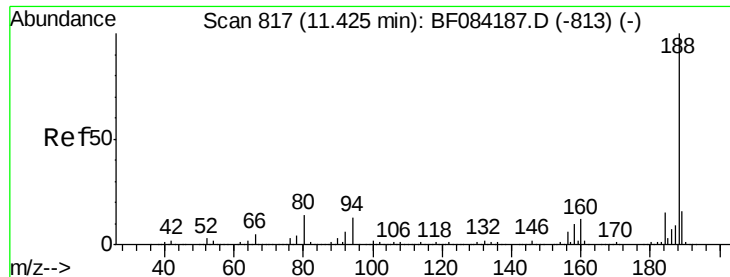
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:172 Resp: 2789036
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.5 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

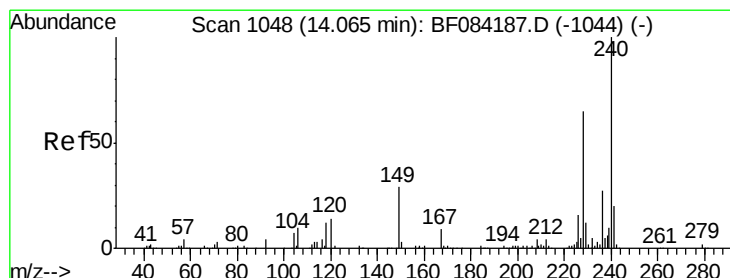
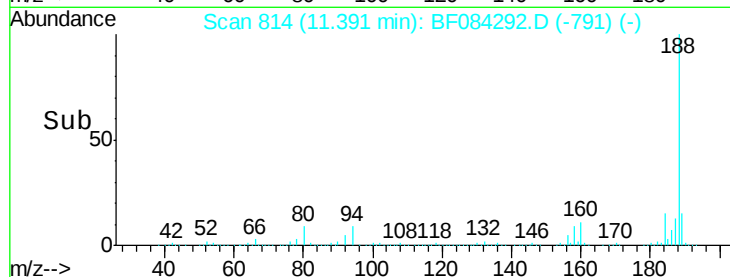
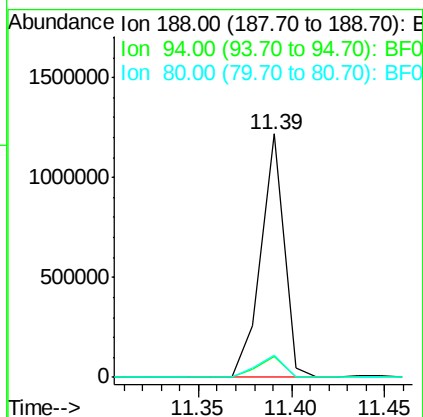
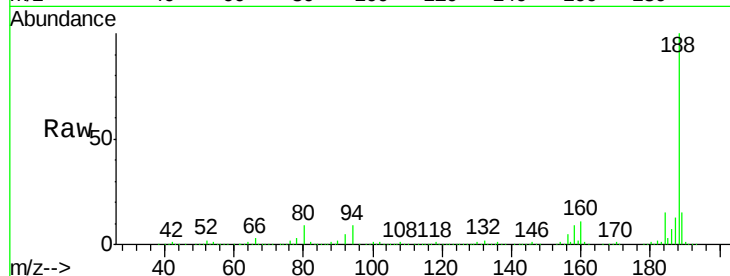




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

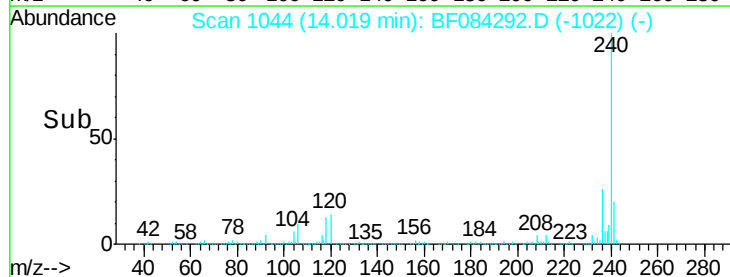
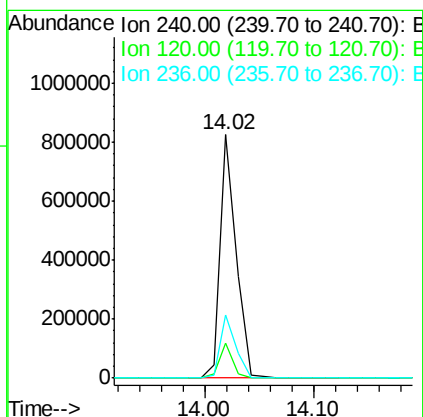
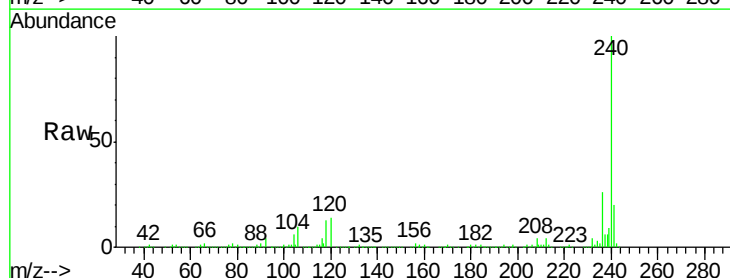
Instrument :
BNA_F
ClientSampleId :
FB

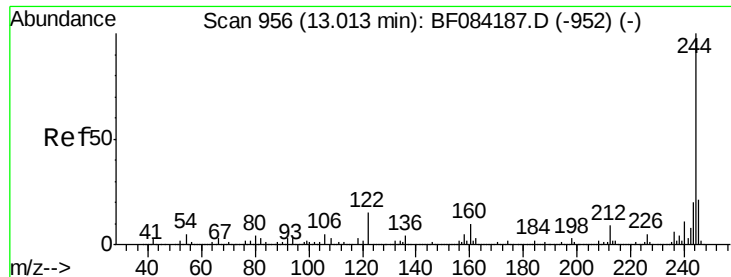
Tot Ion:188 Resp: 1050412
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion:240 Resp: 849293
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 26.0 20.6 31.0

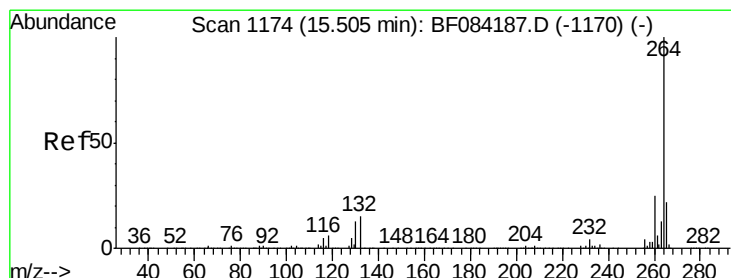
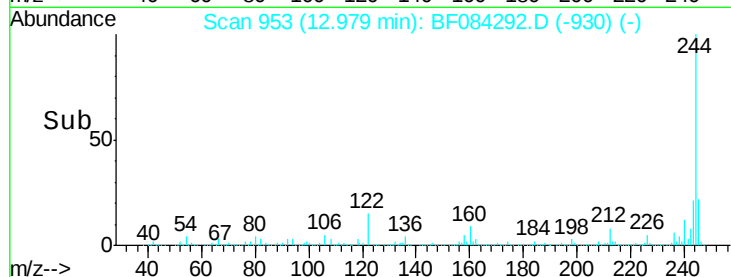
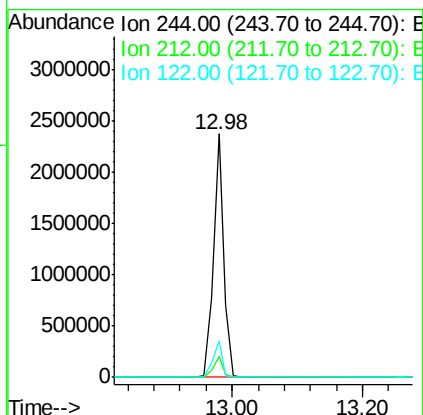
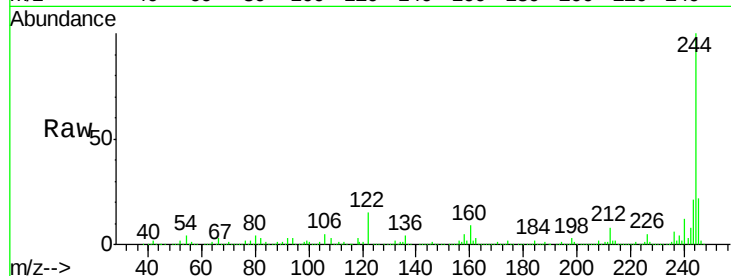




#78
 Terphenyl-d14
 Concen: 70.10 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Instrument :
 BNA_F
 ClientSampled :
 FB

Tot Ion:244 Resp: 2667045
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 15.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:264 Resp: 686006
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.2 17.8 26.6

