

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084435.D
 Acq On : 13 Jan 2016 3:19
 Operator : SJ/UM
 Sample : H1078-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Quant Time: Jan 13 05:52:03 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	6.84	152	269487	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1023307	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	502297	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	853177	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	533013	20.00	ng	-0.07
86) Perylene-d12	15.43	264	465465	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1104138	66.27	ng	-0.04
7) Phenol-d6	6.49	99	967115	46.22	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1862679	101.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	595637	117.46	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2531801	88.96	ng	-0.06
78) Terphenyl-d14	12.96	244	2138940	89.58	ng	-0.06

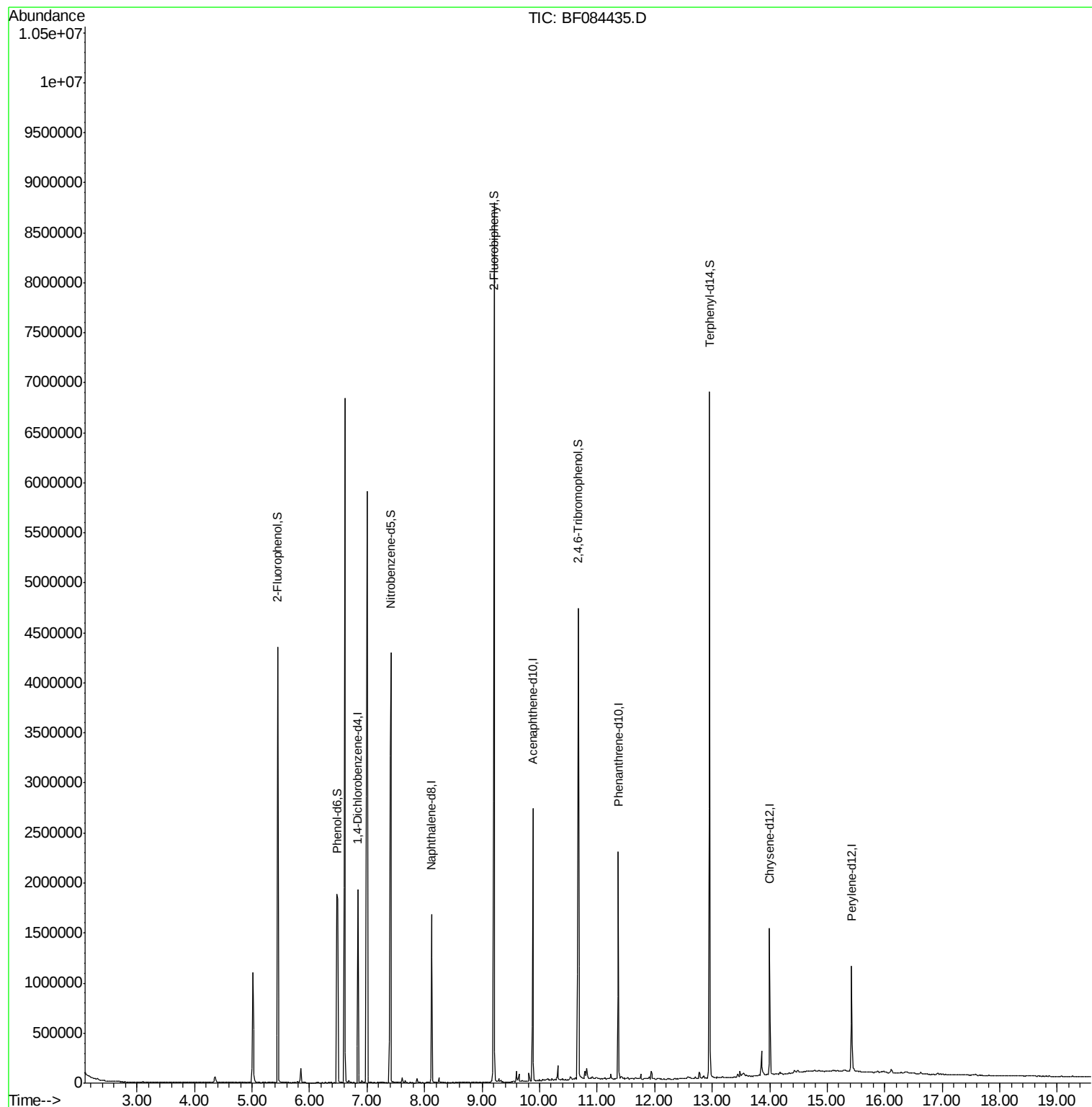
Target Compounds Qvalue

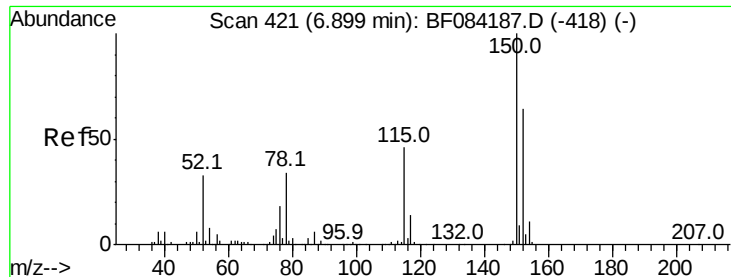
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

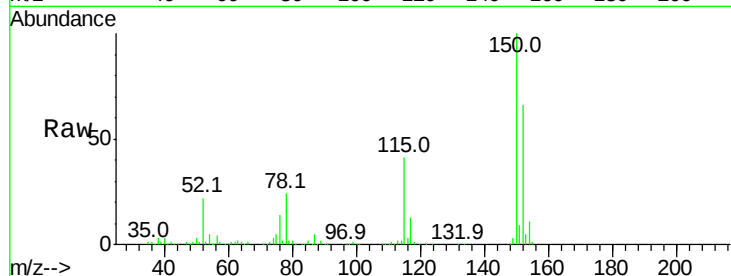
Tot Ion:152 Resp: 269487

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

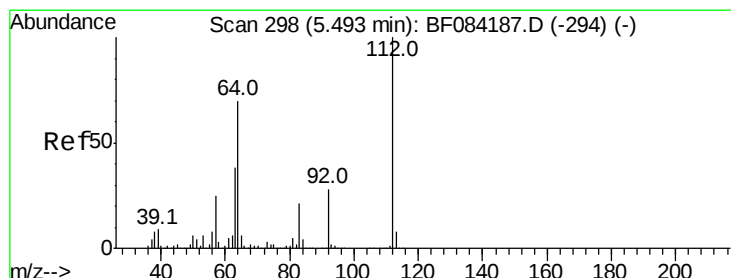
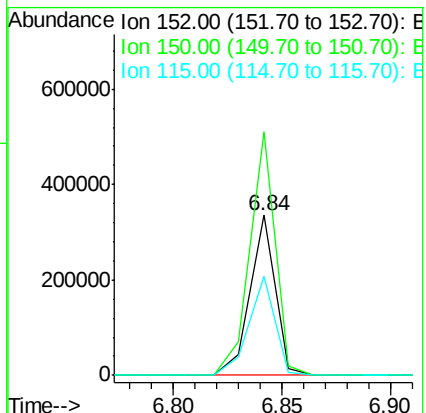
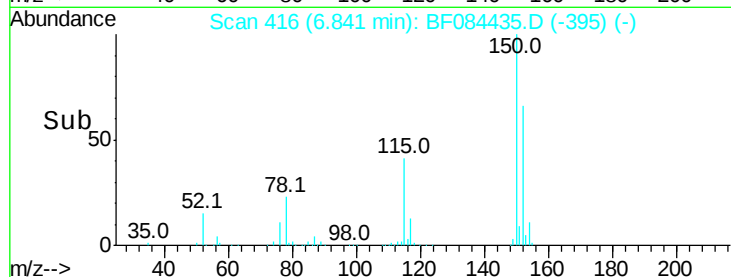
115 62.2 51.4 77.2



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: 66.27 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

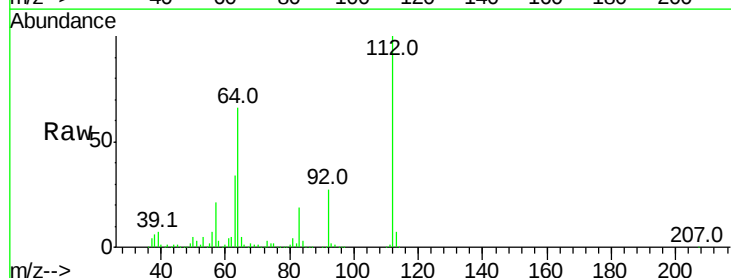
Tgt Ion:112 Resp: 1104138

Ion Ratio Lower Upper

112 100

64 66.4 36.6 55.0#

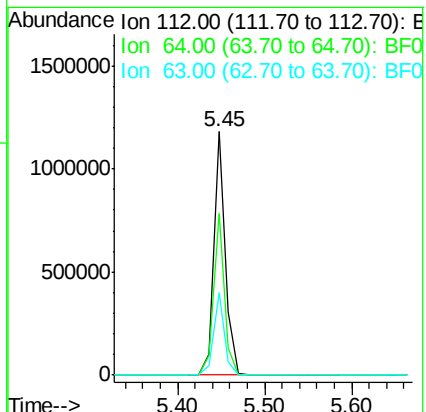
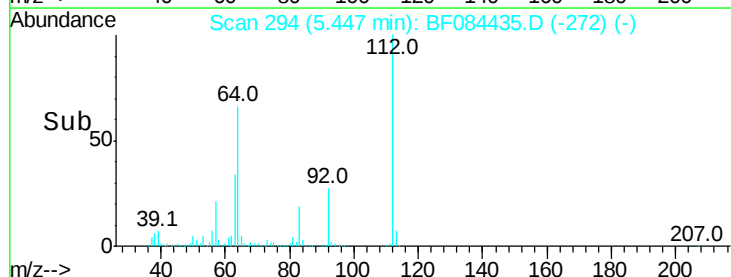
63 33.6 19.4 29.0#

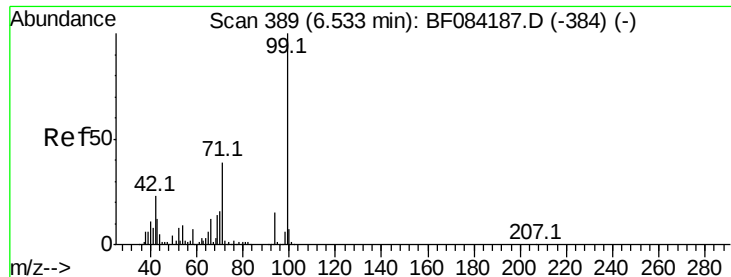


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

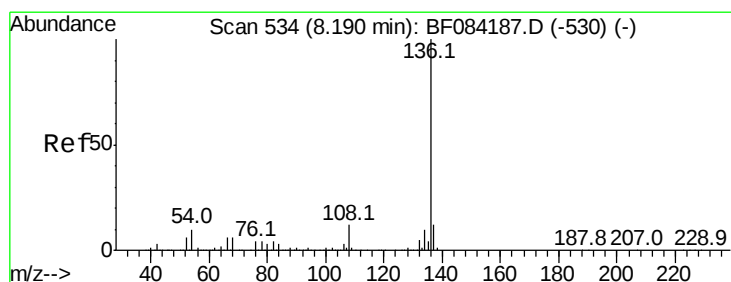
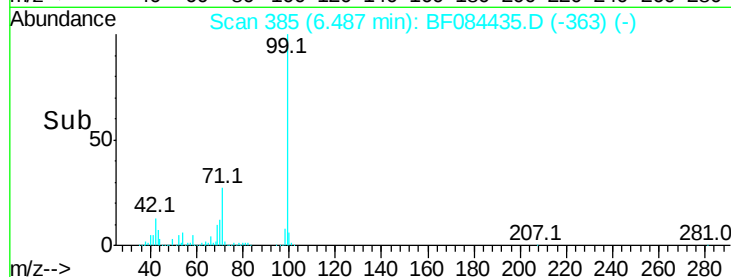
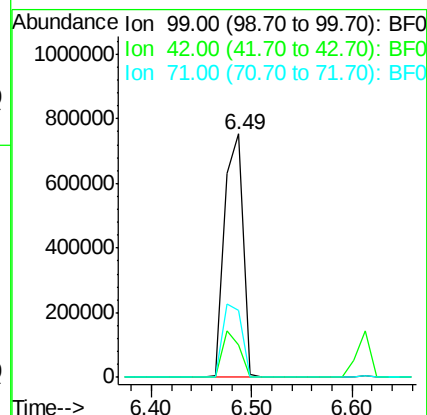
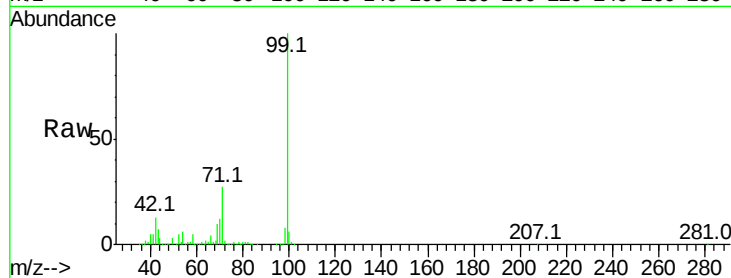
Tot Ion: 99 Resp: 967115

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

71 27.2 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Tgt Ion: 136 Resp: 1023307

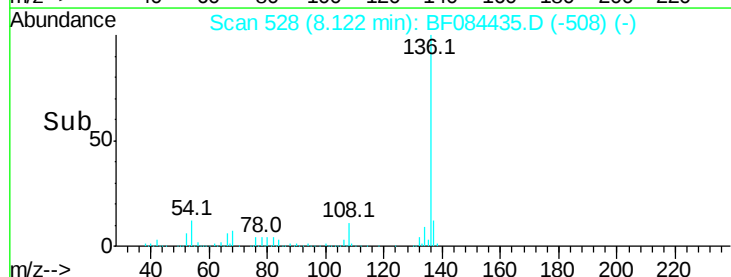
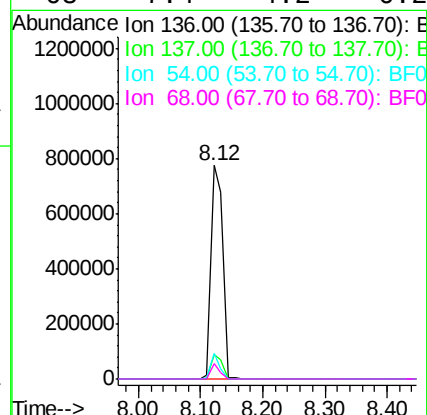
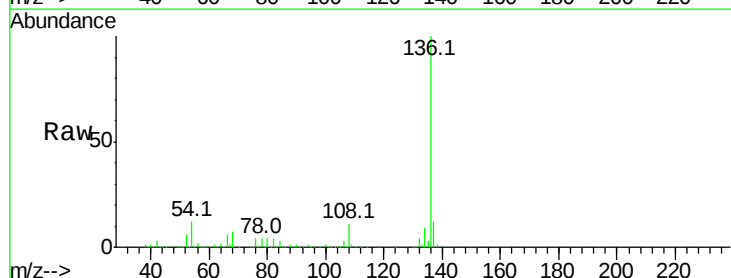
Ion Ratio Lower Upper

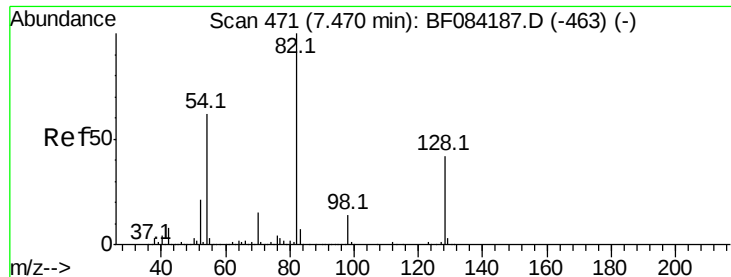
136 100

137 11.5 8.7 13.1

54 11.9 5.8 8.8#

68 7.4 4.2 6.2#

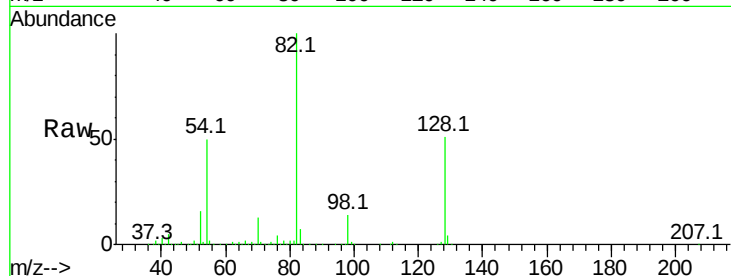




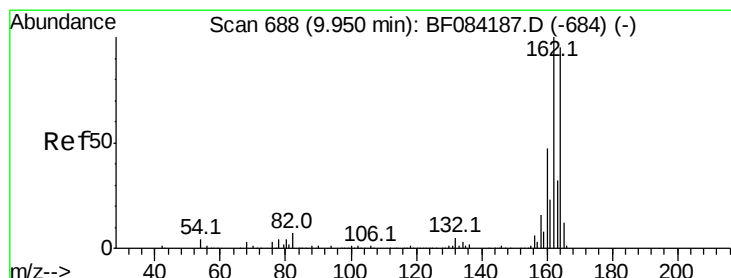
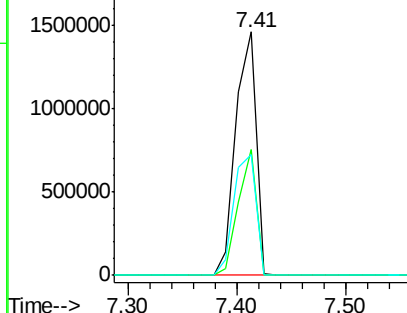
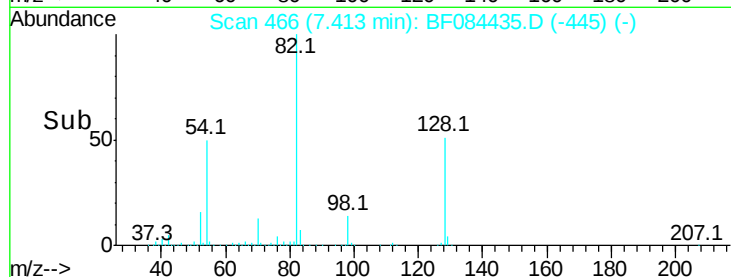
#23
Nitrobenzene-d5
Concen: 101.31 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampled :
P0-010

Tot Ion: 82 Resp: 1862679
Ion Ratio Lower Upper
82 100
128 51.5 34.6 51.8
54 49.7 38.4 57.6

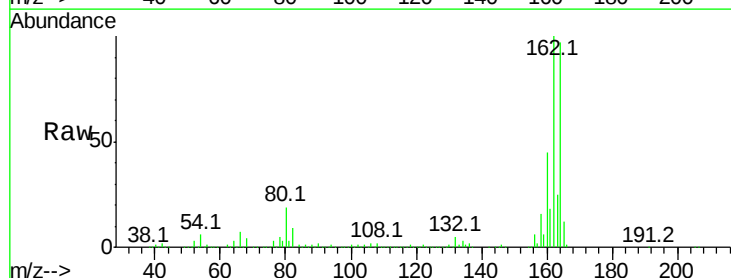


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

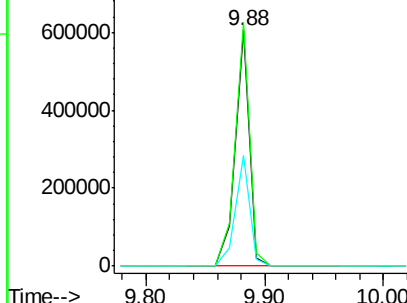
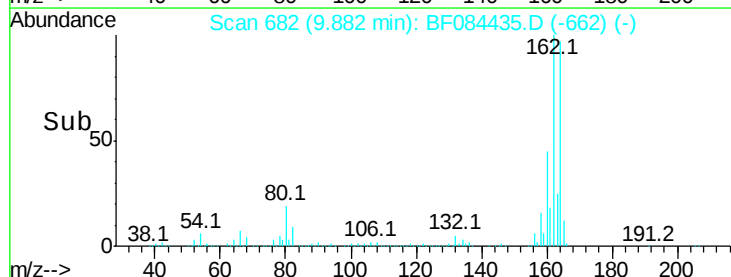


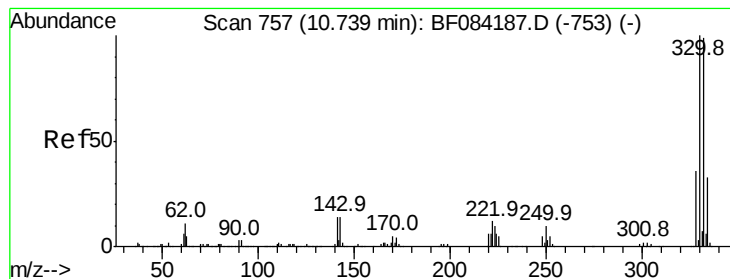
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:164 Resp: 502297
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 46.9 37.5 56.3



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: 117.46 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

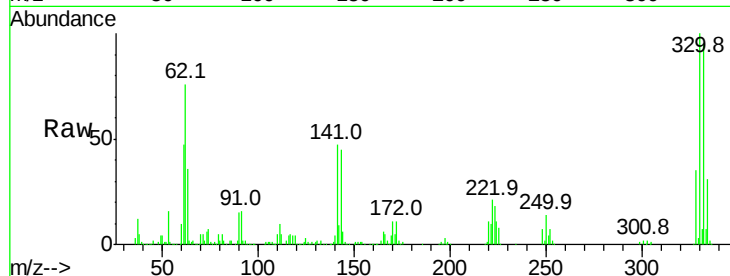
Tot Ion:330 Resp: 595637

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

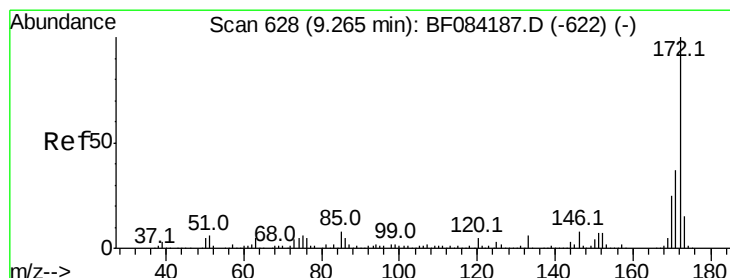
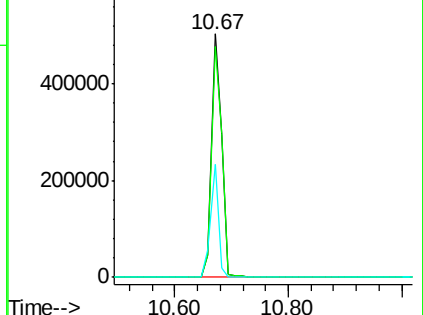
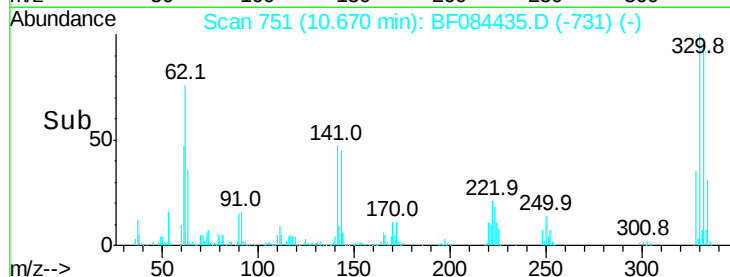
141 36.4 27.8 41.6



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: 88.96 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

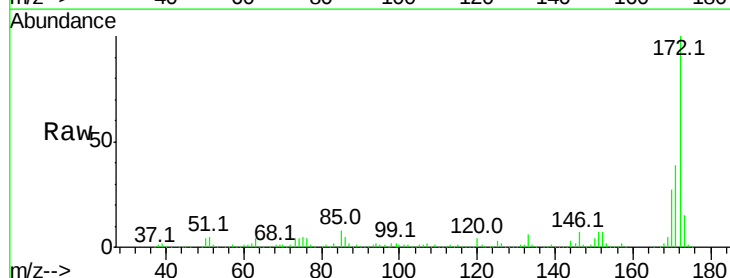
Tgt Ion:172 Resp: 2531801

Ion Ratio Lower Upper

172 100

171 39.0 28.9 43.3

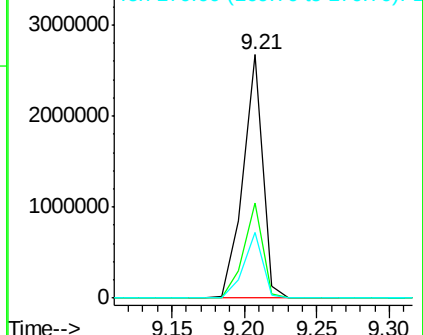
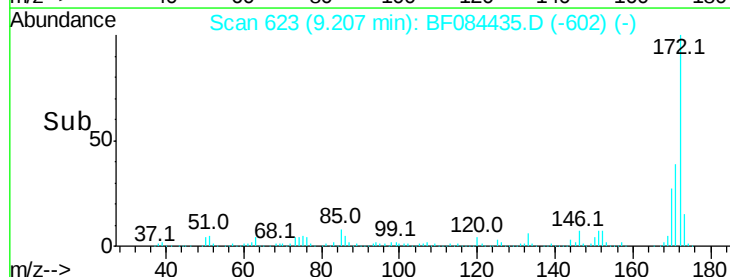
170 26.7 18.6 27.8

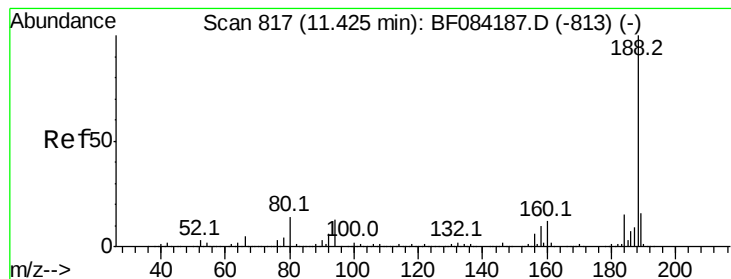


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

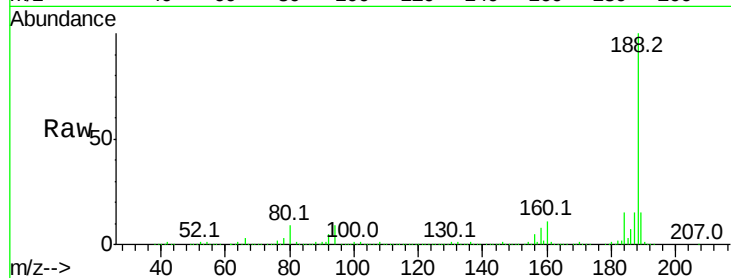
Tot Ion:188 Resp: 853177

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

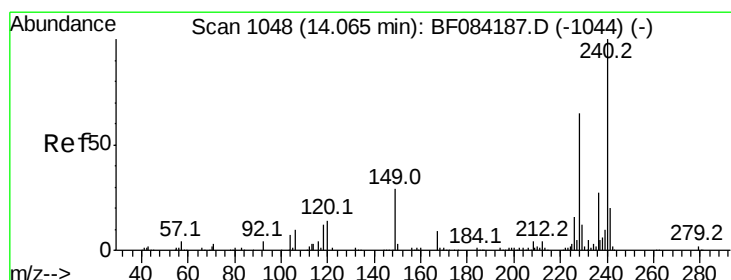
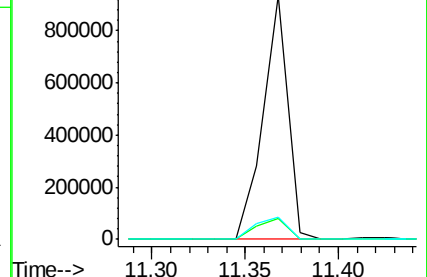
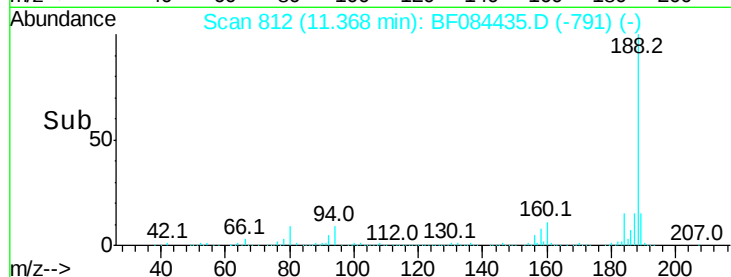
80 9.0 9.6 14.4#



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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

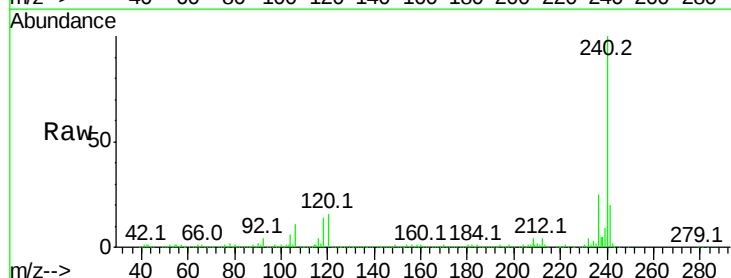
Tgt Ion:240 Resp: 533013

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

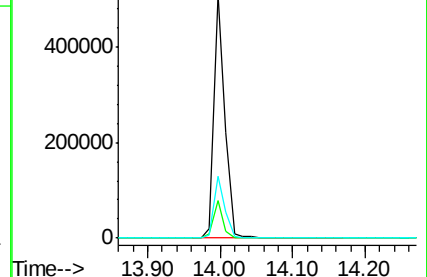
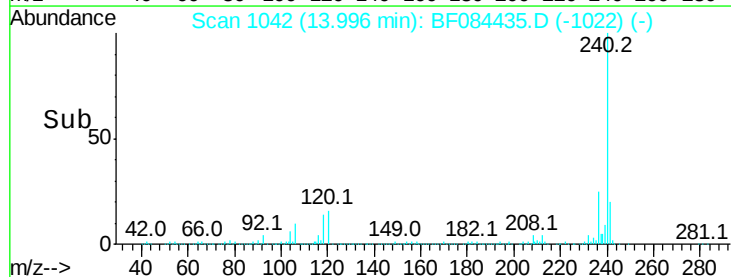
236 25.3 20.6 31.0

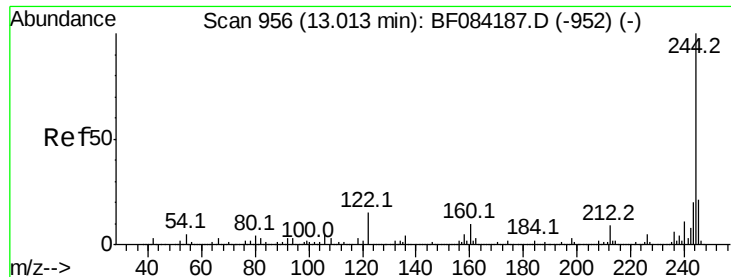


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

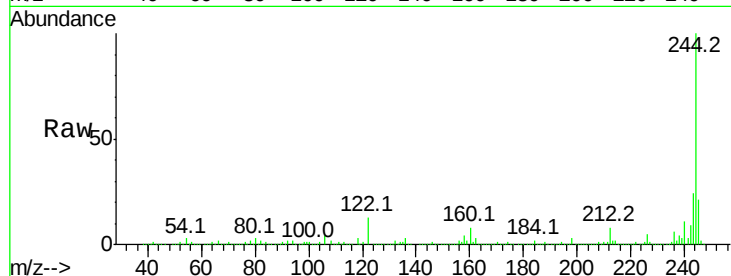




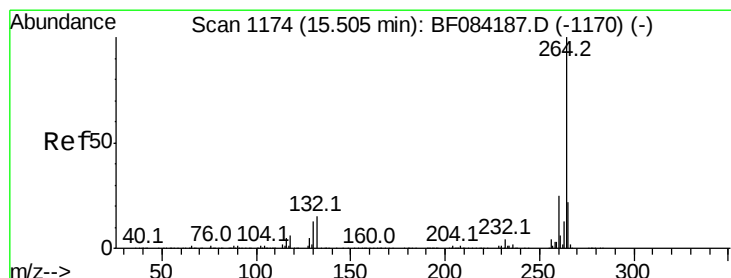
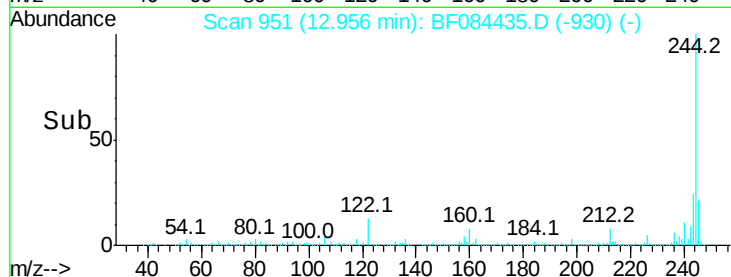
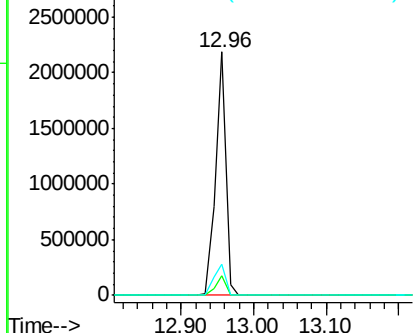
#78
 Terphenyl-d14
 Concen: 89.58 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tot Ion:244 Resp: 2138940
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.6 7.4 11.0#

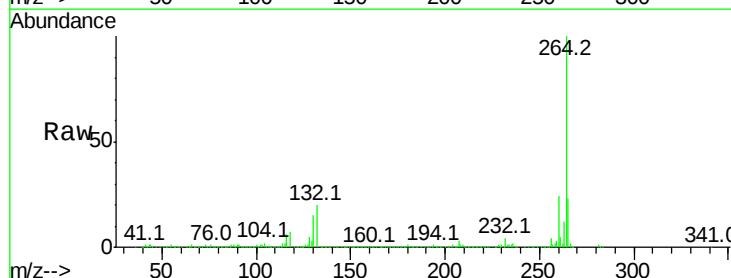


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Tgt Ion:264 Resp: 465465
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.8 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

