

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084421.D
 Acq On : 12 Jan 2016 20:24
 Operator : SJ/UM
 Sample : H1078-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW35

Quant Time: Jan 13 01:28:00 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

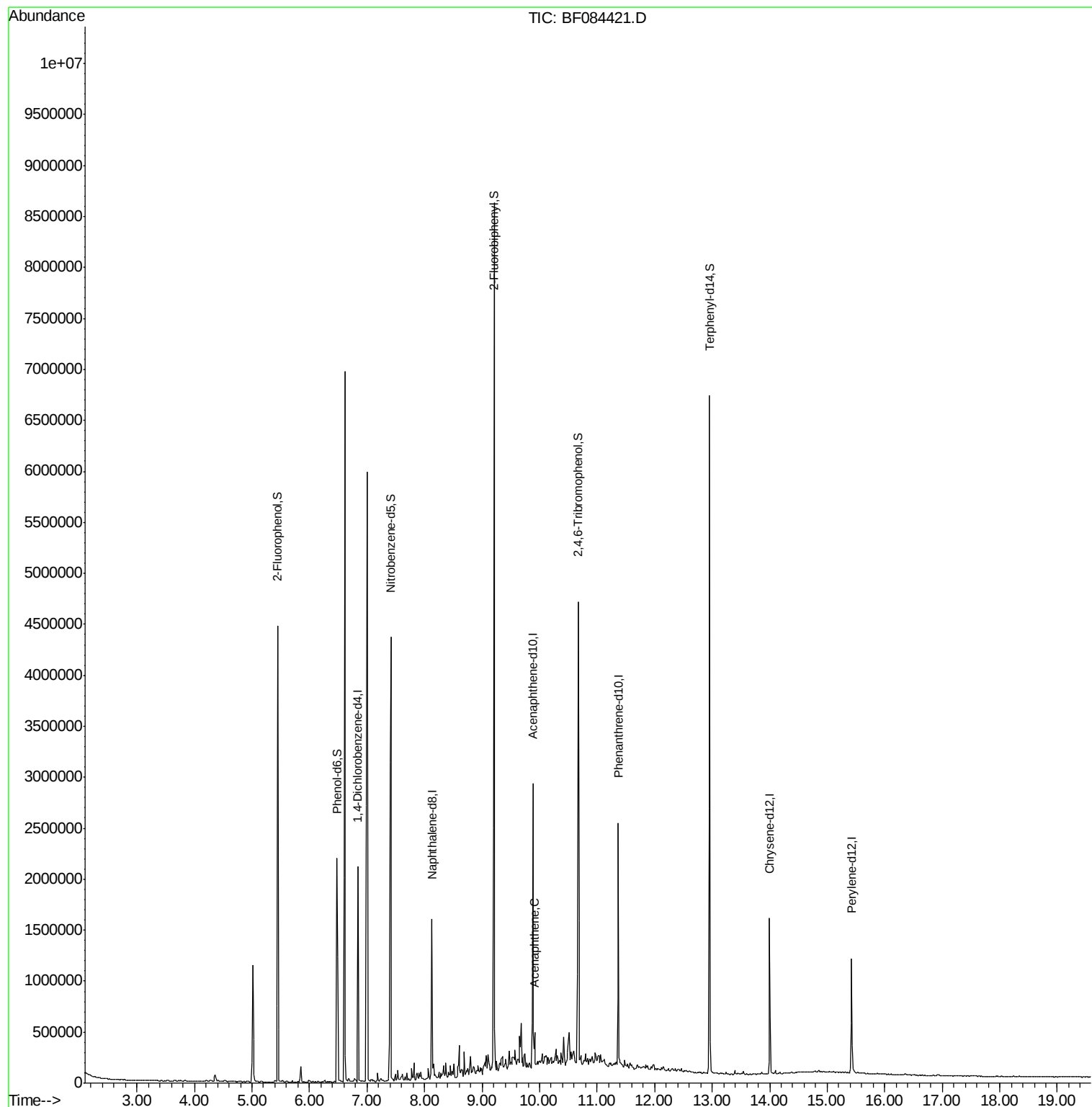
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	277538	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1062613	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	494125	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	861720	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	557378	20.00	ng	-0.07
86) Perylene-d12	15.43	264	487271	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1112534	64.84	ng	-0.04
7) Phenol-d6	6.48	99	898582	41.70	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1815183	95.07	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	597759	119.82	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2429945	86.63	ng	-0.06
78) Terphenyl-d14	12.96	244	2087344	83.59	ng	-0.06
Target Compounds						
51) Acenaphthene	9.92	154	76666	2.51	ng	Qvalue 95

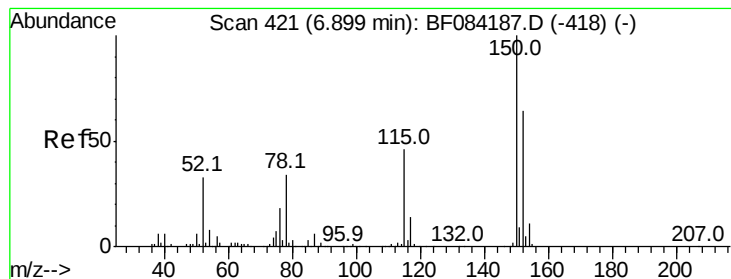
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084421.D

Acq: 12 Jan 2016 20:24

Instrument :

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ClientSampleId :

MW35

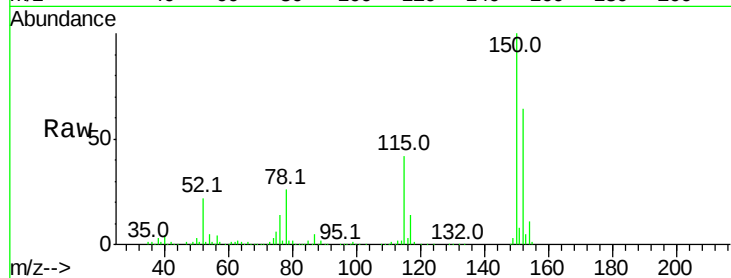
Tot Ion:152 Resp: 277538

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

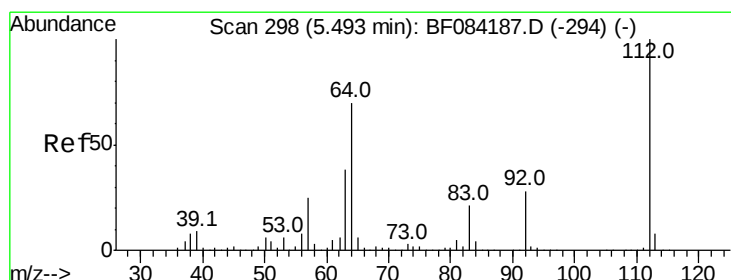
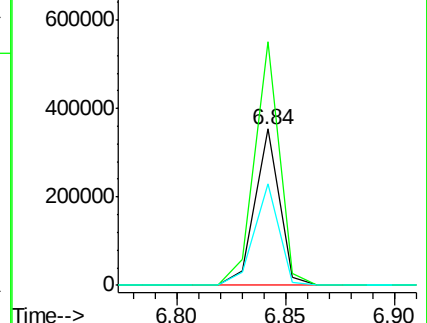
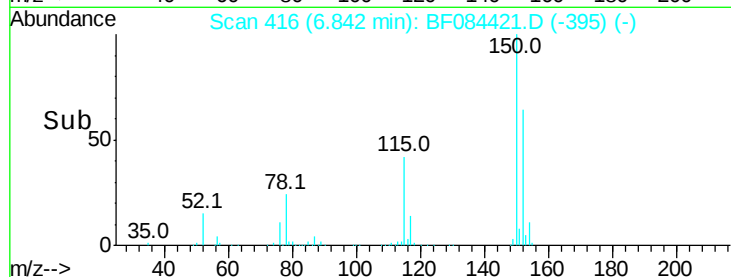
115 65.0 51.4 77.2



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: 64.84 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

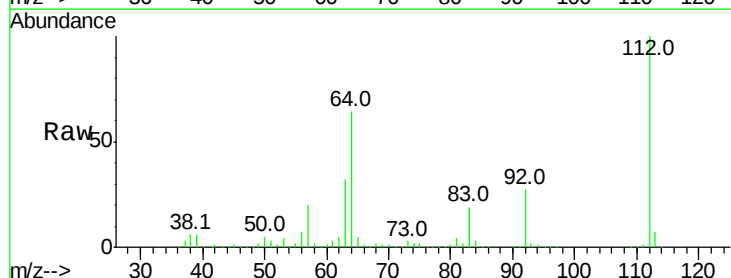
Tgt Ion:112 Resp: 1112534

Ion Ratio Lower Upper

112 100

64 64.4 36.6 55.0#

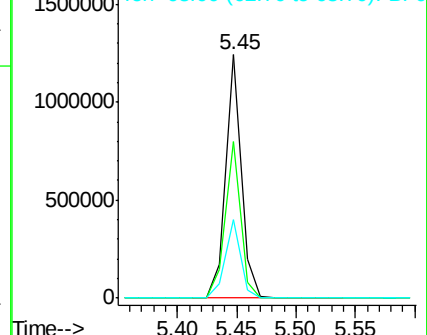
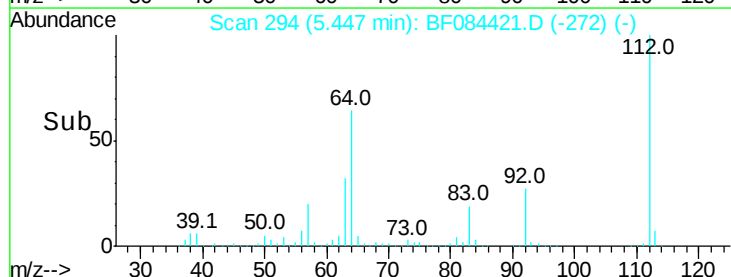
63 32.4 19.4 29.0#

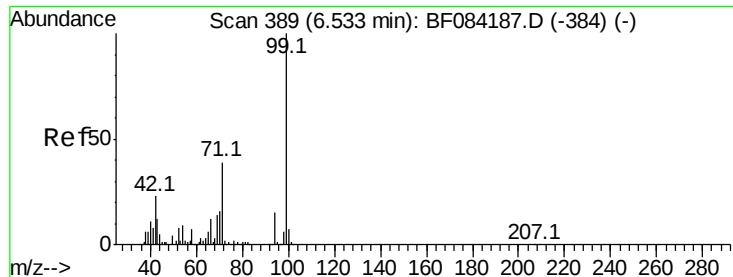


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.70 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

Instrument :

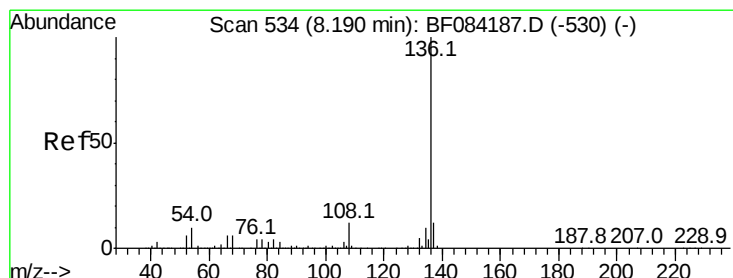
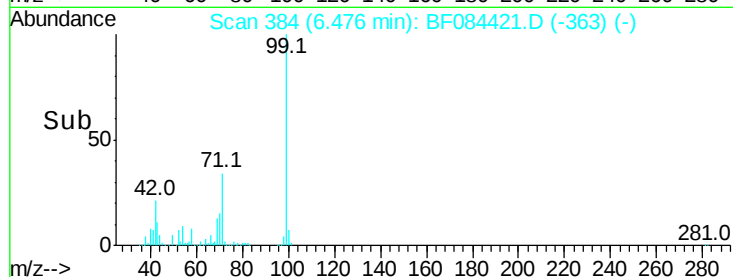
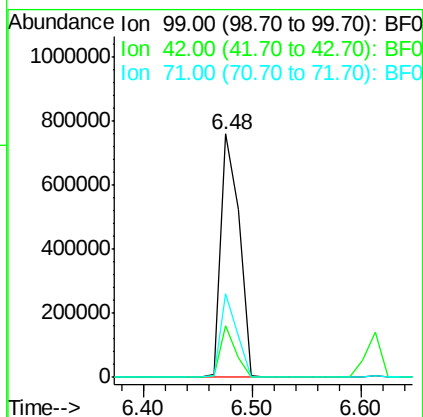
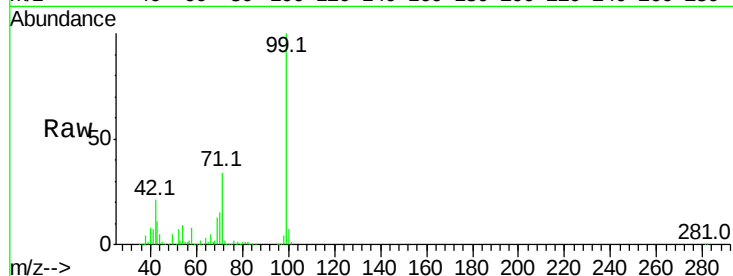
BNA_F

ClientSampleId :

MW35

Tot Ion: 99 Resp: 898582

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	34.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

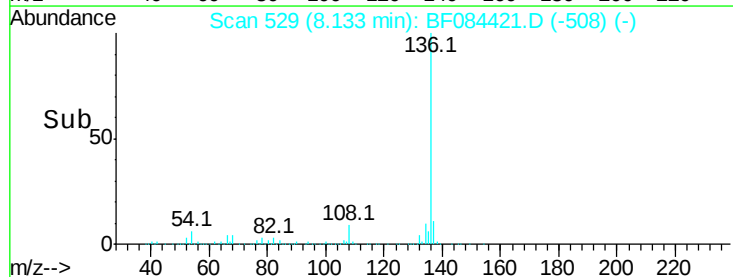
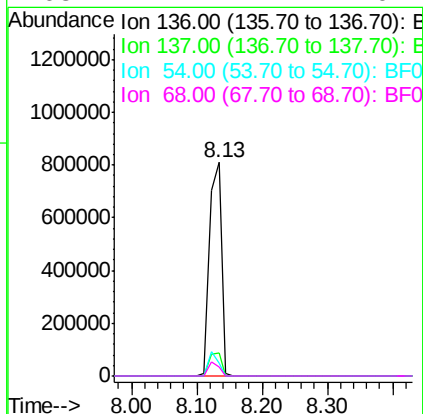
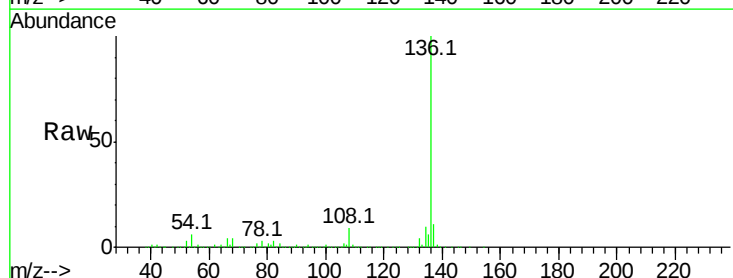
Delta R.T. -0.06 min

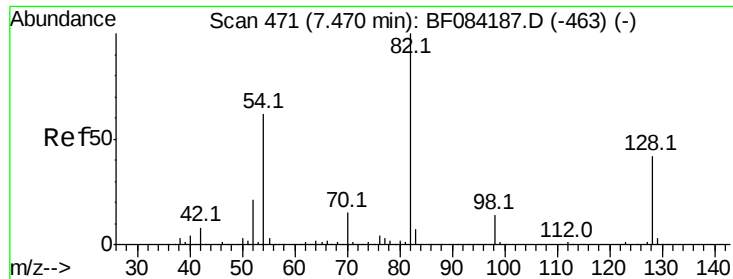
Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

Tgt Ion: 136 Resp: 1062613

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.1	5.8	8.8
68	4.4	4.2	6.2

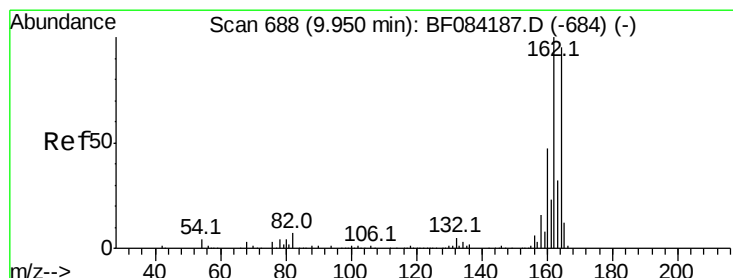
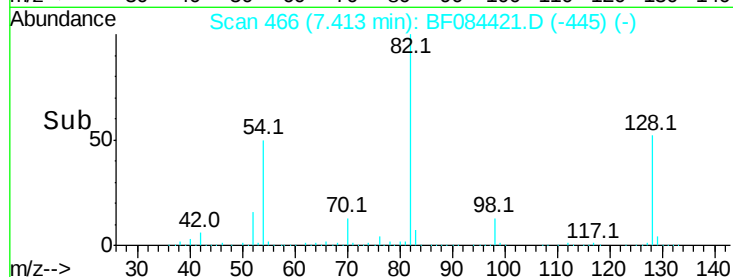
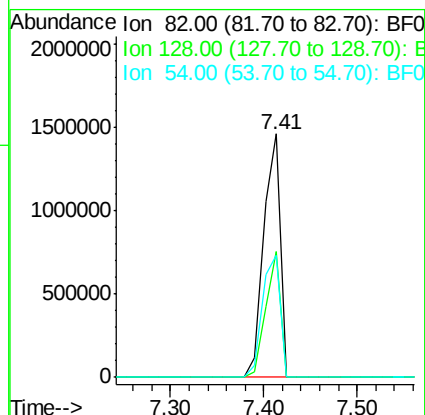
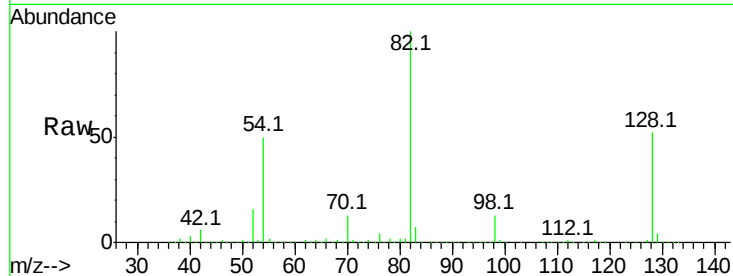




#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

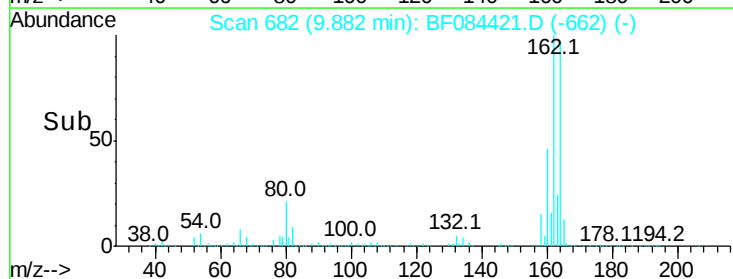
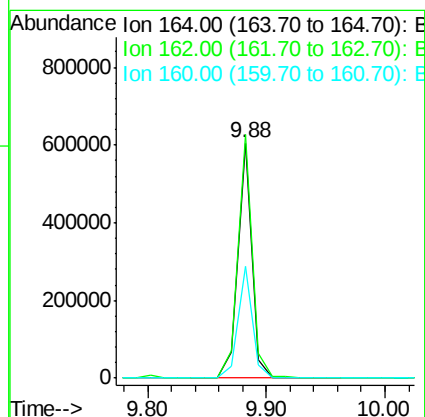
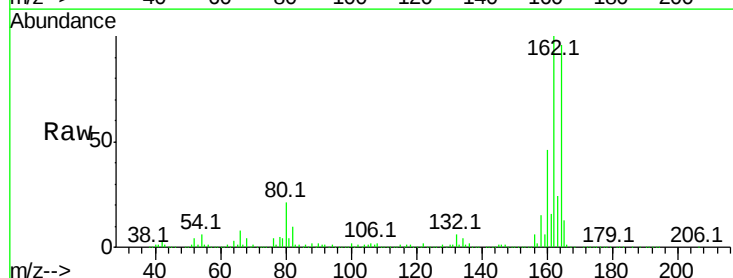
Instrument :
BNA_F
ClientSampleId :
MW35

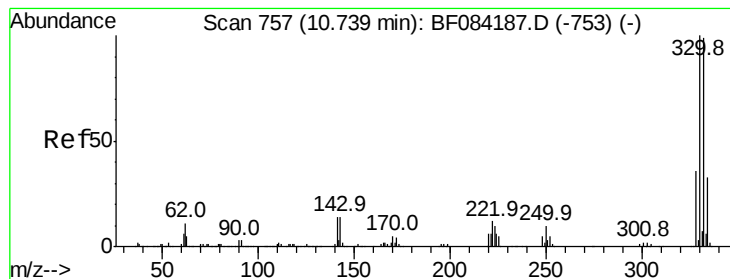
Tot Ion: 82 Resp: 1815183
Ion Ratio Lower Upper
82 100
128 51.7 34.6 51.8
54 50.3 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:164 Resp: 494125
Ion Ratio Lower Upper
164 100
162 103.7 85.1 127.7
160 47.8 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 119.82 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

Instrument :

BNA_F

ClientSampleId :

MW35

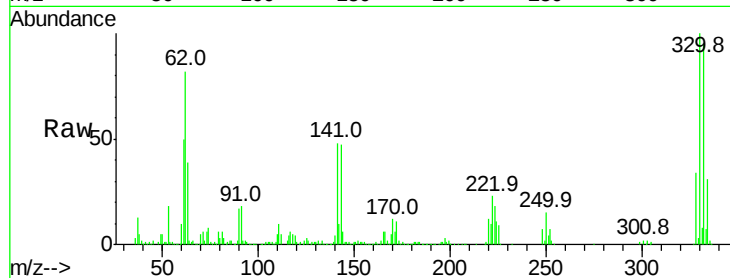
Tot Ion:330 Resp: 597759

Ion Ratio Lower Upper

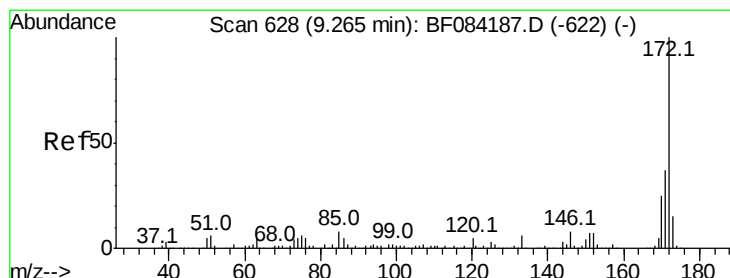
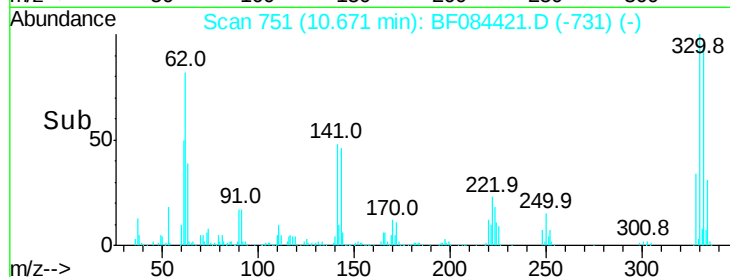
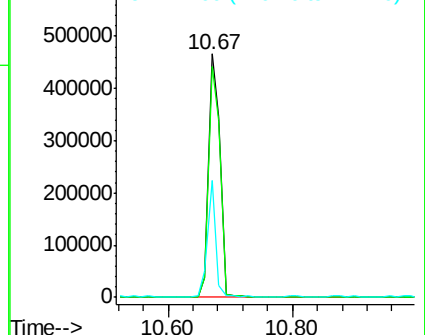
330 100

332 96.4 76.6 114.8

141 34.9 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: 86.63 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

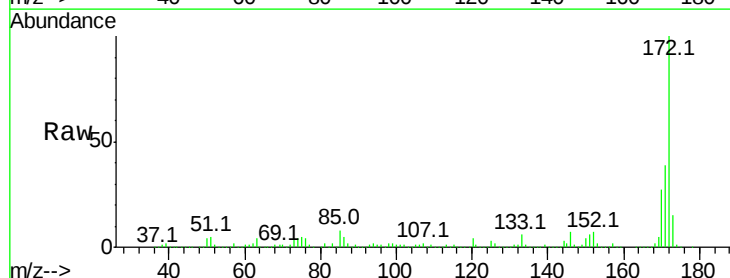
Tgt Ion:172 Resp: 2429945

Ion Ratio Lower Upper

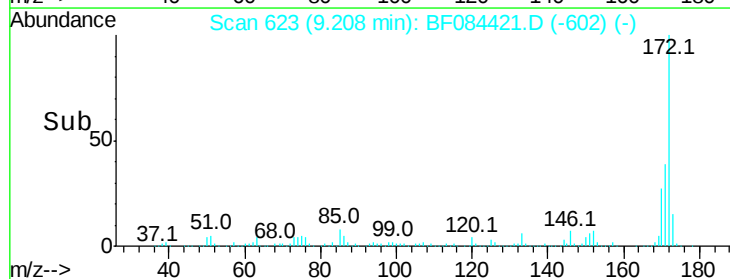
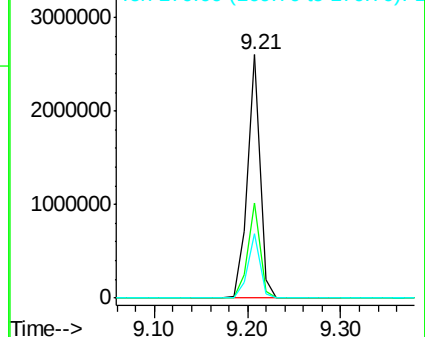
172 100

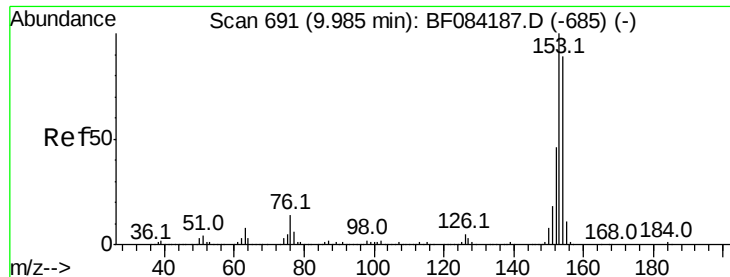
171 39.1 28.9 43.3

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





#51

Acenaphthene

Concen: 2.51 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

Instrument :

BNA_F

ClientSampleId :

MW35

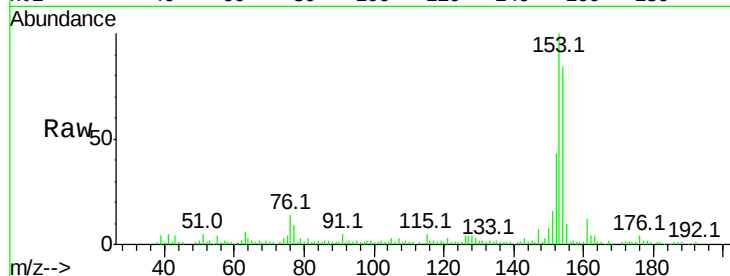
Tot Ion:154 Resp: 76666

Ion Ratio Lower Upper

154 100

153 119.5 91.5 137.3

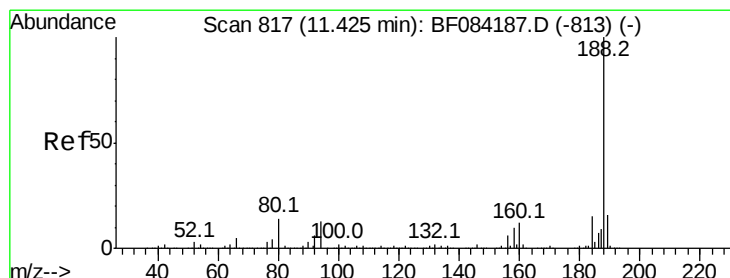
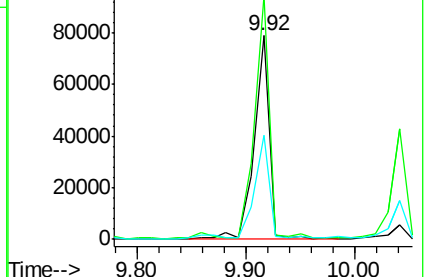
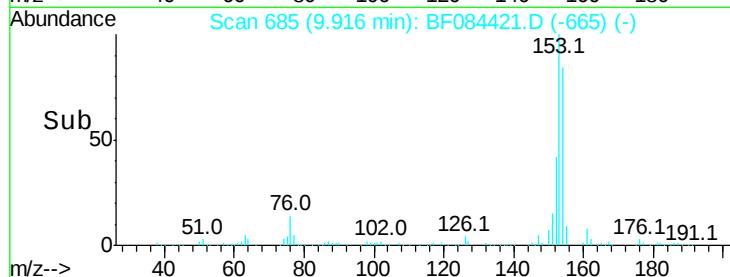
152 50.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

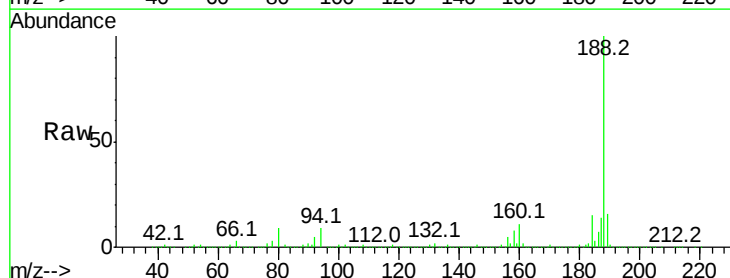
Tgt Ion:188 Resp: 861720

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

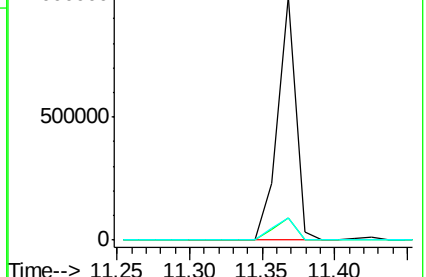
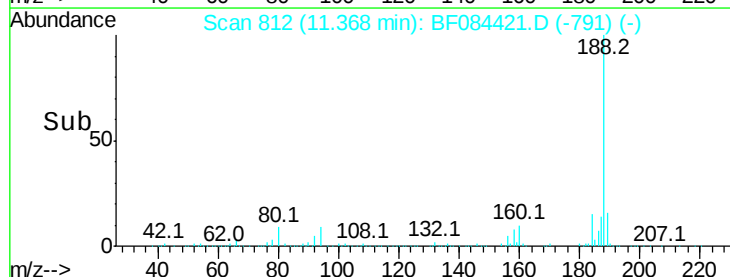
80 9.1 9.6 14.4#

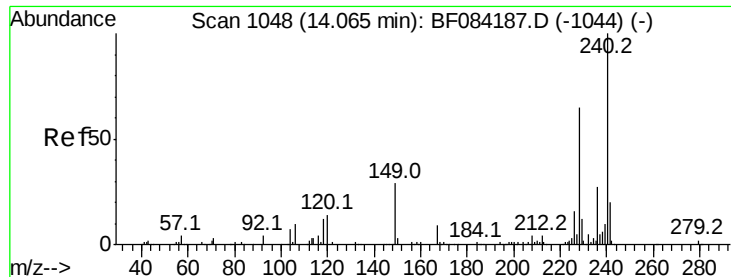


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084421.D

Acq: 12 Jan 2016 20:24

Instrument :

BNA_F

ClientSampleId :

MW35

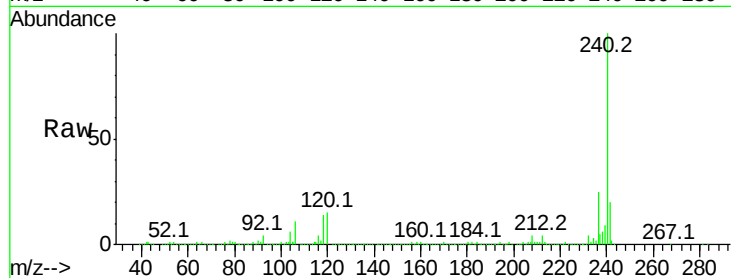
Tot Ion:240 Resp: 557378

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

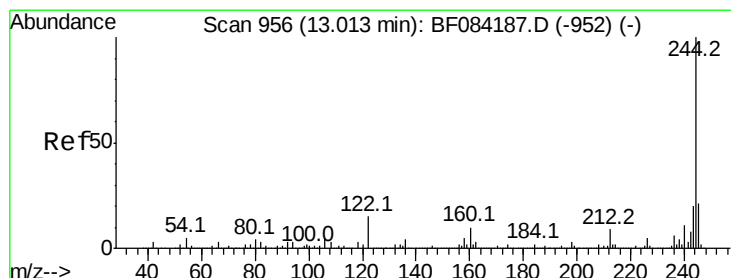
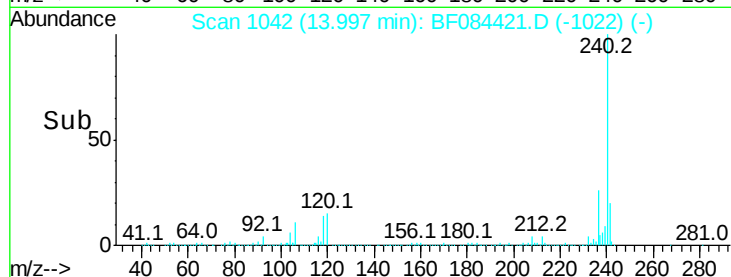
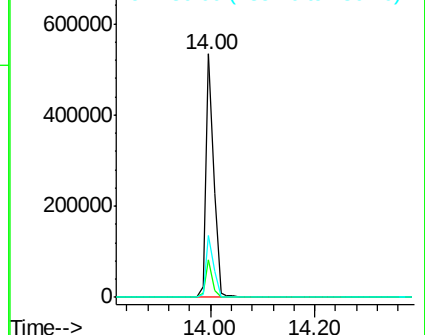
236 25.5 20.6 31.0



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: 83.59 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084421.D

Acq: 12 Jan 2016 20:24

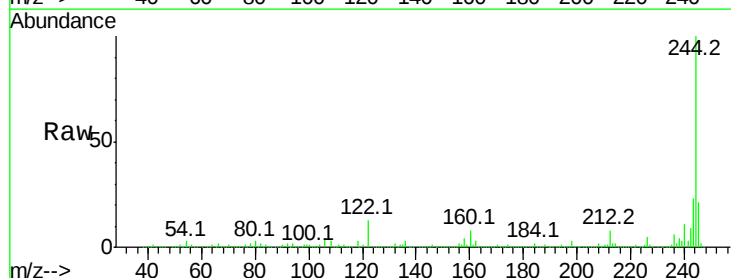
Tgt Ion:244 Resp: 2087344

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

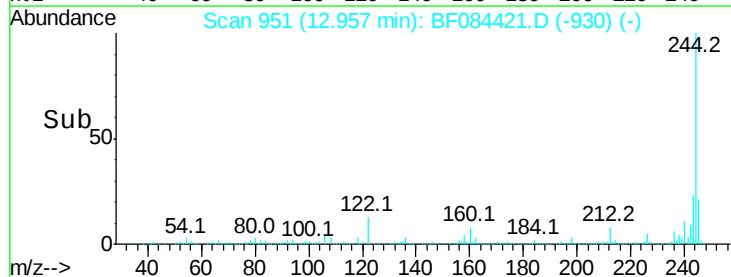
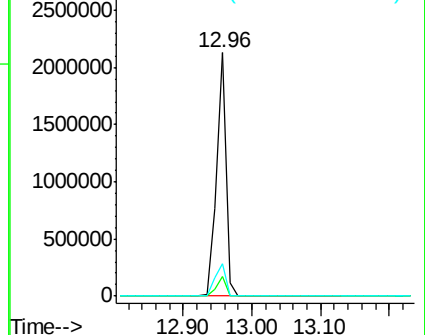
122 13.2 7.4 11.0#

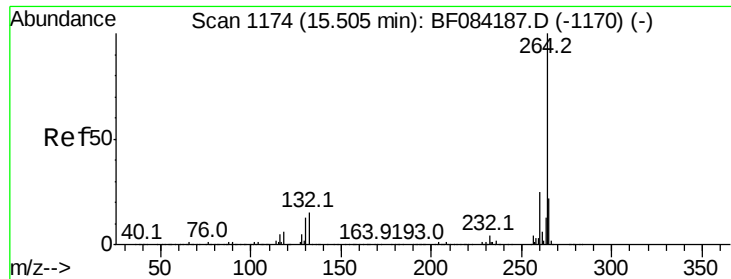


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

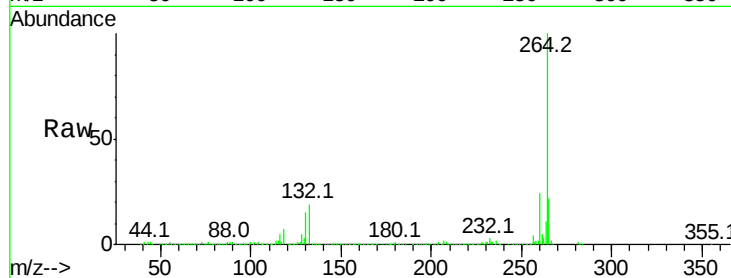




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tot Ion:264 Resp: 487271
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.9 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

