

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084427.D
 Acq On : 12 Jan 2016 23:39
 Operator : SJ/UM
 Sample : PB87777TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87777TB

Quant Time: Jan 13 01:38:28 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	278396	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1056114	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	512535	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	956504	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	716061	20.00	ng	-0.07
86) Perylene-d12	15.43	264	526499	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1960201	113.89	ng	-0.03
7) Phenol-d6	6.49	99	2348458	108.64	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1425141	75.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	535672	103.52	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2480185	85.14	ng	-0.06
78) Terphenyl-d14	12.96	244	2245881	70.01	ng	-0.06

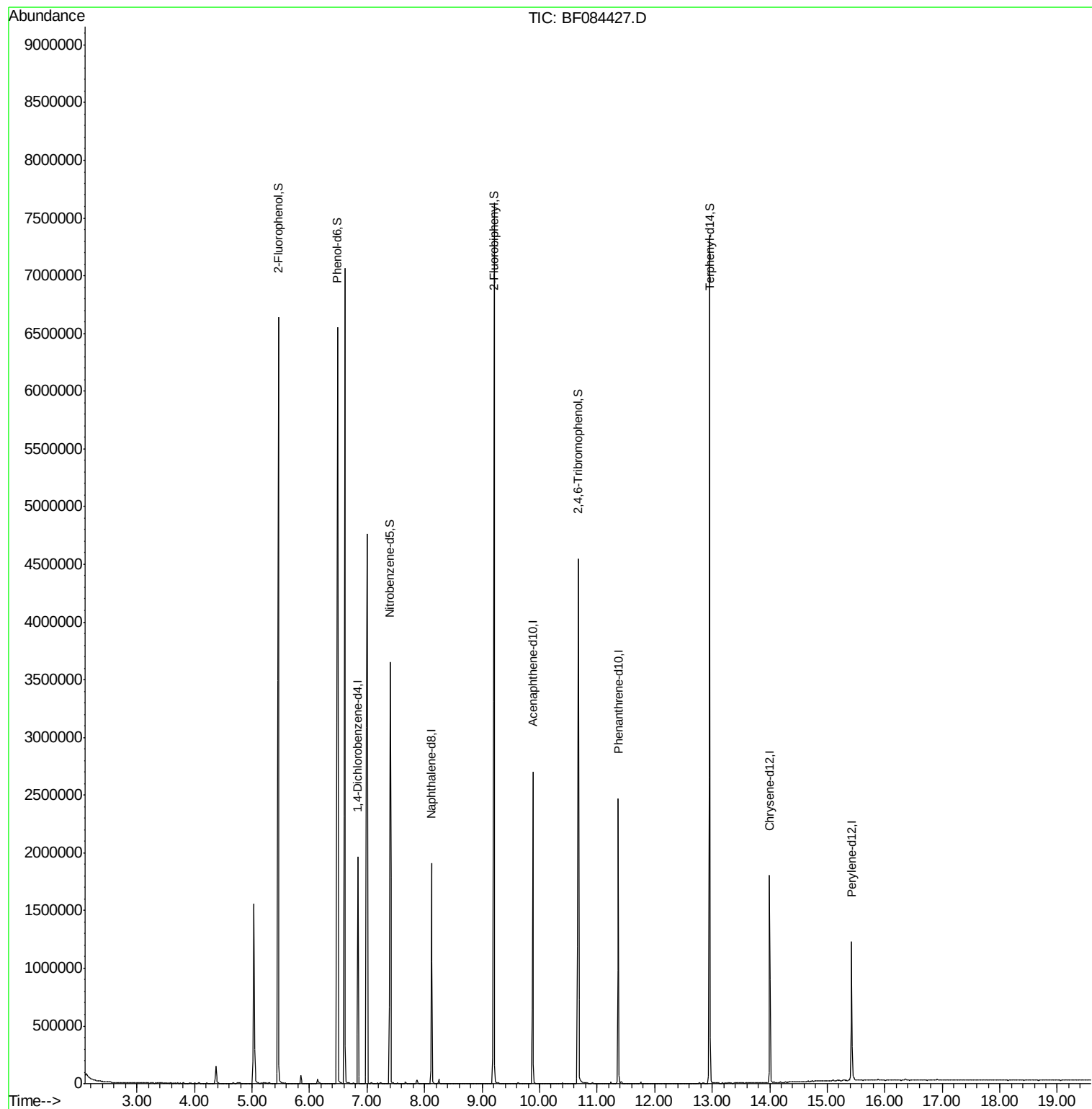
Target Compounds Qvalue

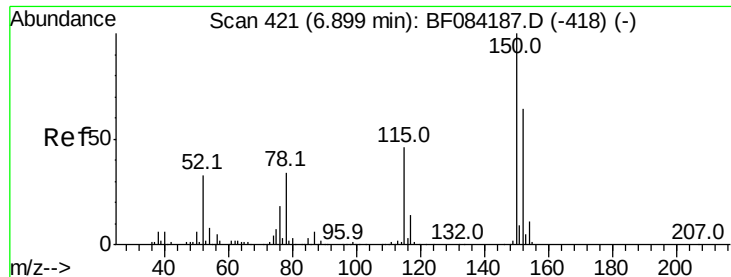
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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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

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BNA_F

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PB87777TB

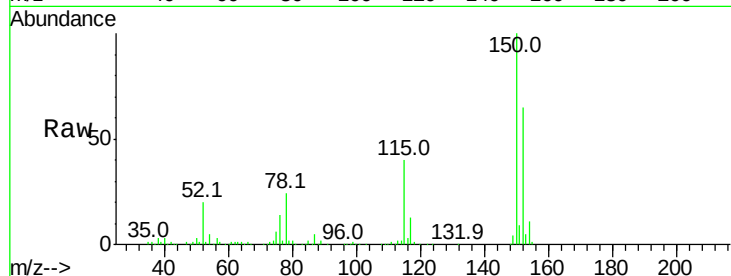
Tot Ion:152 Resp: 278396

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

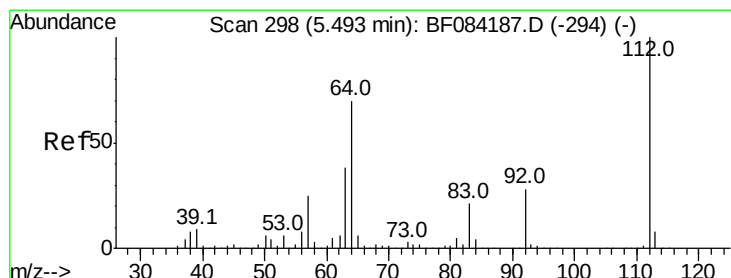
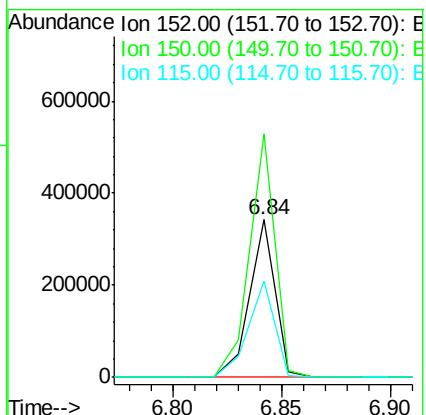
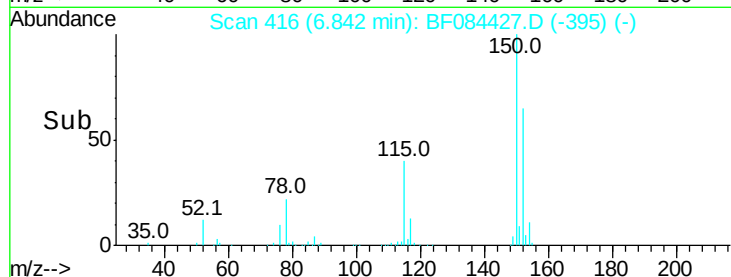
115 61.5 51.4 77.2



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: 113.89 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

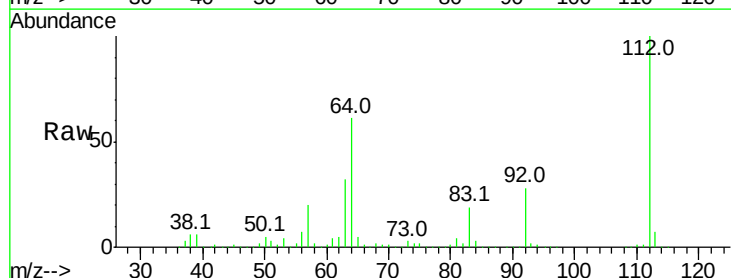
Tgt Ion:112 Resp: 1960201

Ion Ratio Lower Upper

112 100

64 61.3 36.6 55.0#

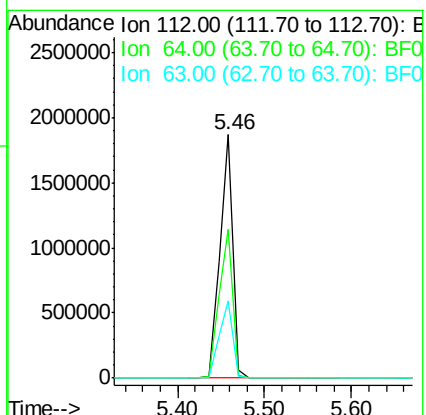
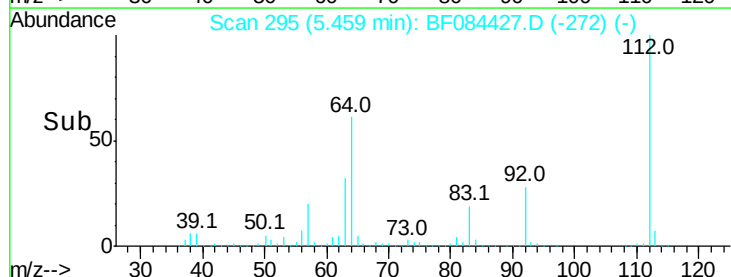
63 31.7 19.4 29.0#

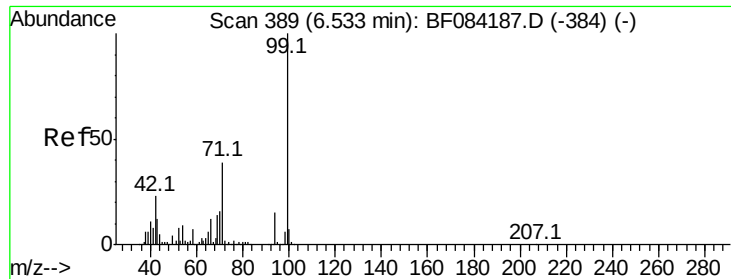


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.64 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

Instrument :

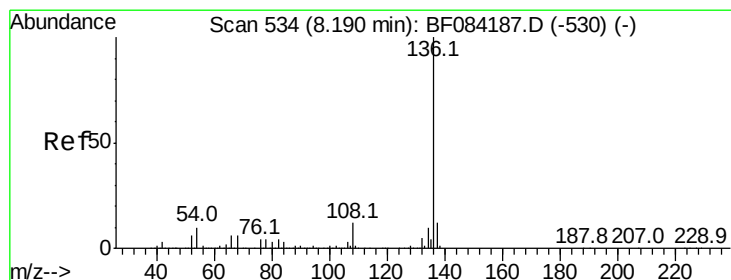
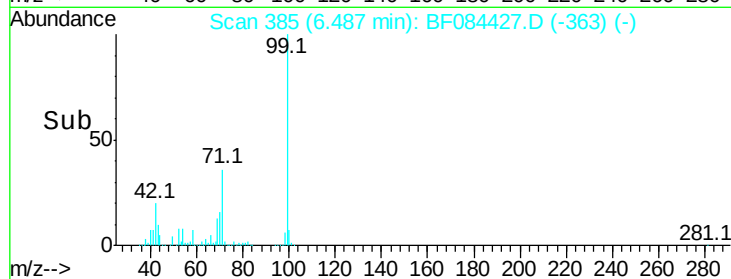
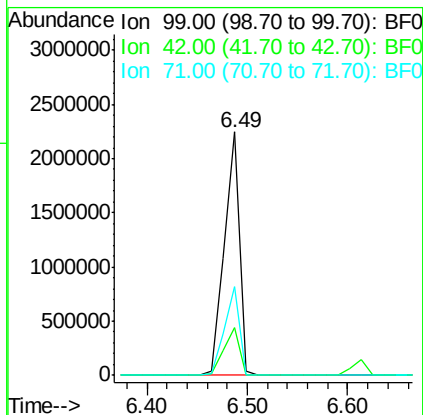
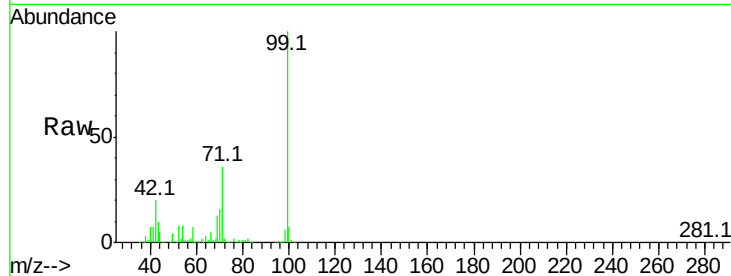
BNA_F

ClientSampleId :

PB87777TB

Tot Ion: 99 Resp: 2348458

Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	36.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

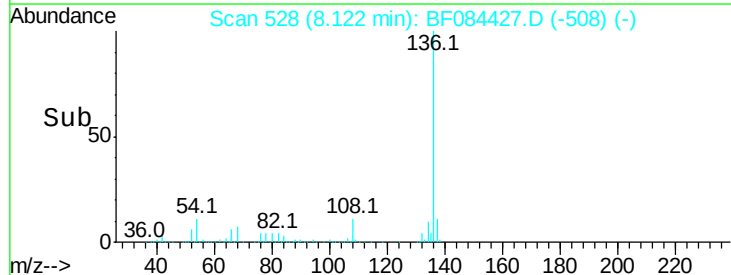
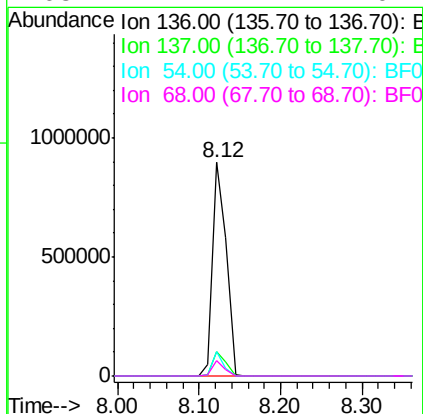
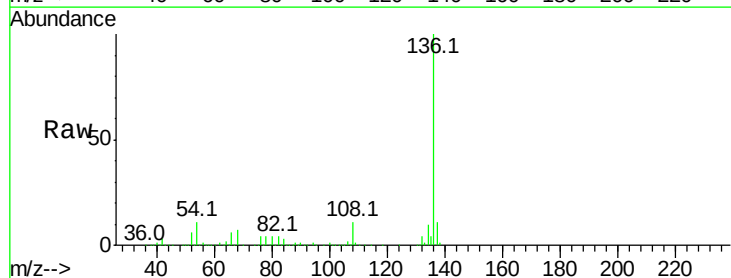
Delta R.T. -0.07 min

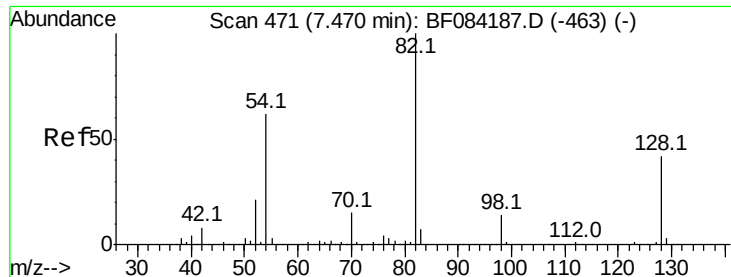
Lab File: BF084427.D

Acq: 12 Jan 2016 23:39

Tgt Ion: 136 Resp: 1056114

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.2	5.8	8.8#
68	7.2	4.2	6.2#

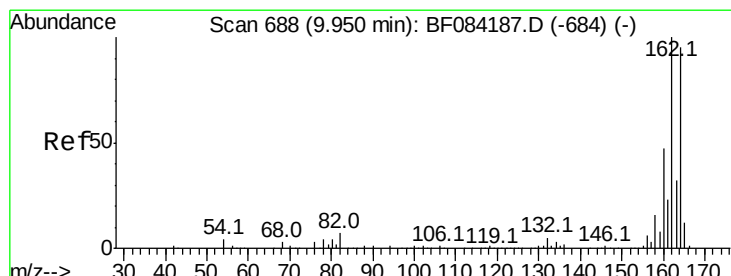
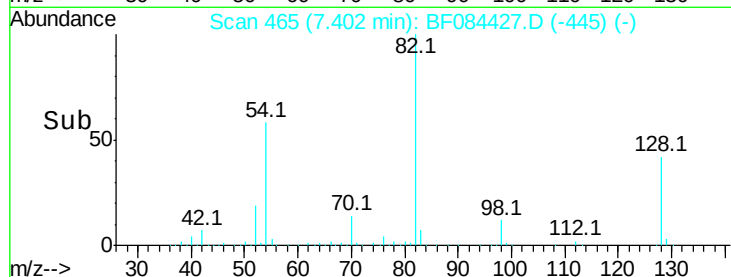
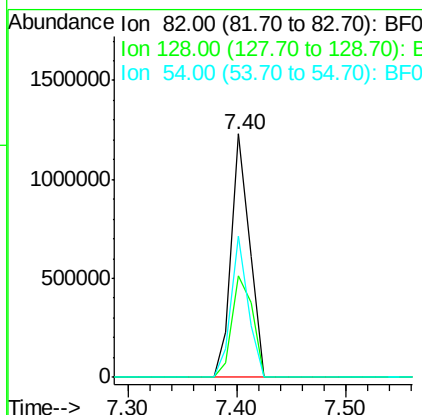
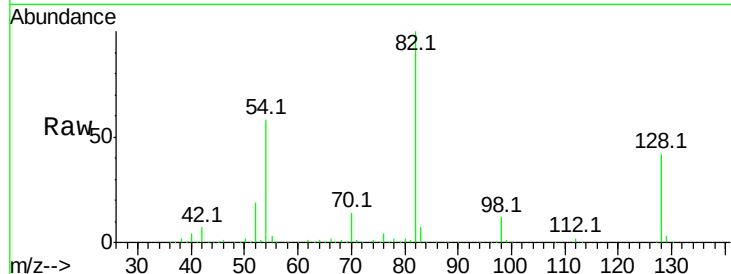




#23
Nitrobenzene-d5
Concen: 75.10 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

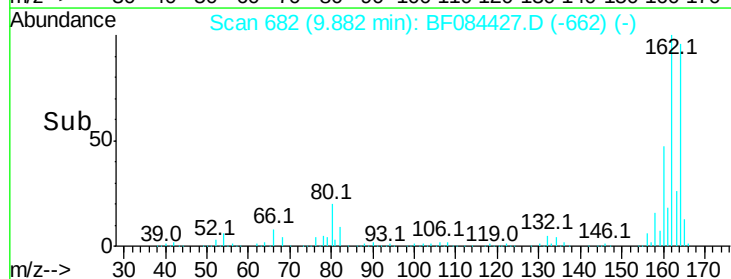
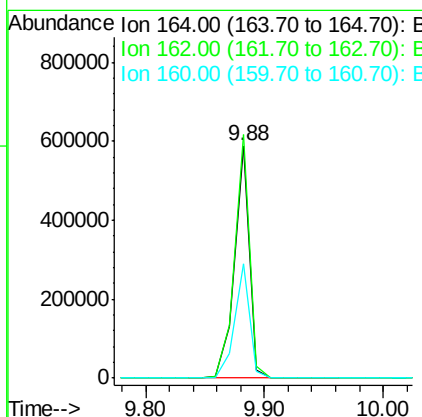
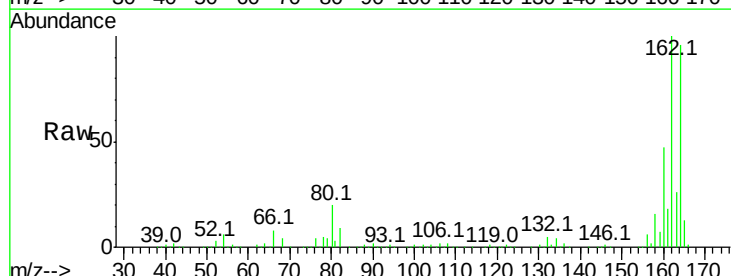
Instrument :
BNA_F
ClientSampleId :
PB87777TB

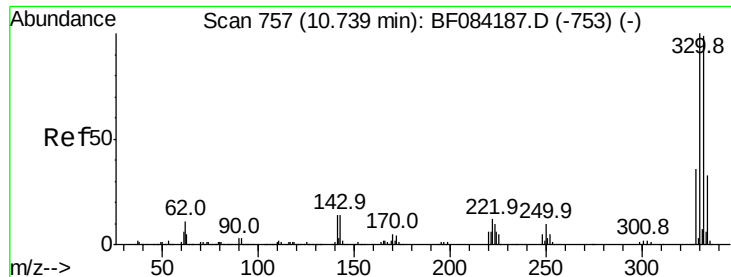
Tot Ion: 82 Resp: 1425141
Ion Ratio Lower Upper
82 100
128 41.6 34.6 51.8
54 57.8 38.4 57.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

Tgt Ion:164 Resp: 512535
Ion Ratio Lower Upper
164 100
162 104.6 85.1 127.7
160 48.9 37.5 56.3

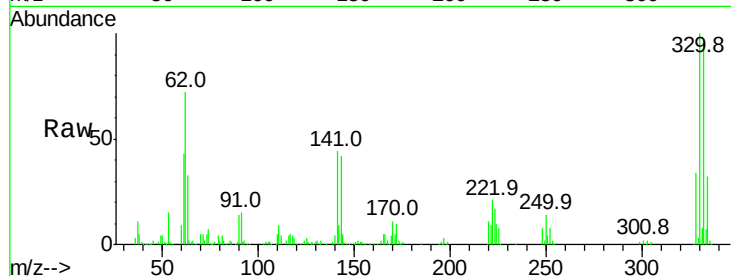




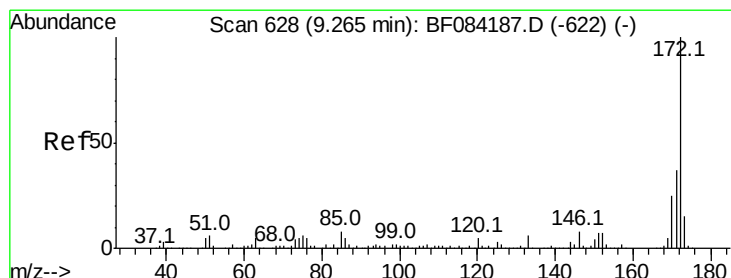
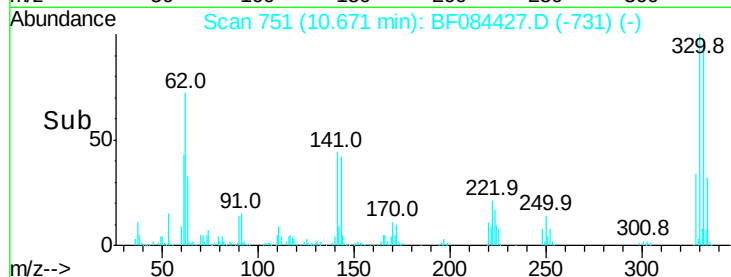
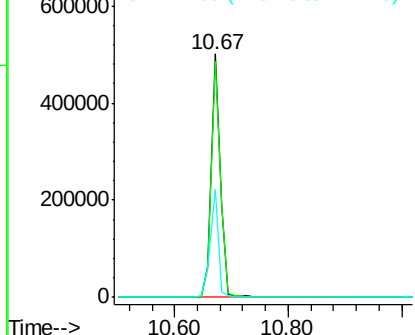
#41
 2,4,6-Tribromophenol
 Concen: 103.52 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87777TB

Tot Ion:330 Resp: 535672
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.7 27.8 41.6

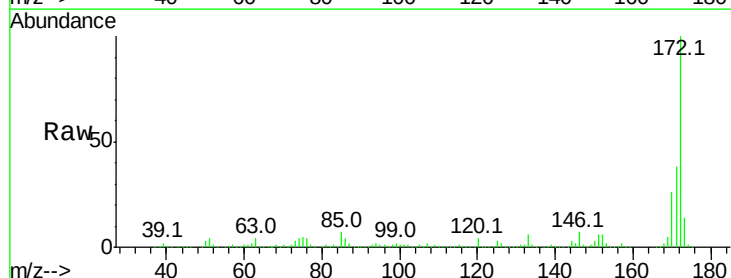


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

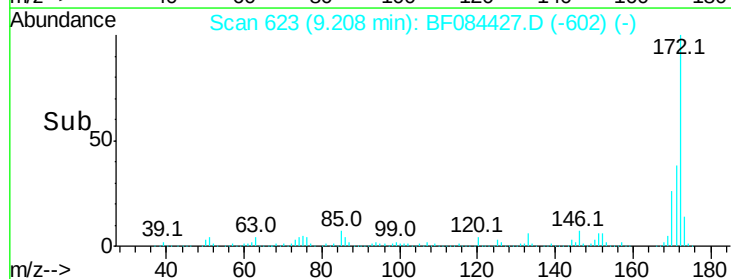
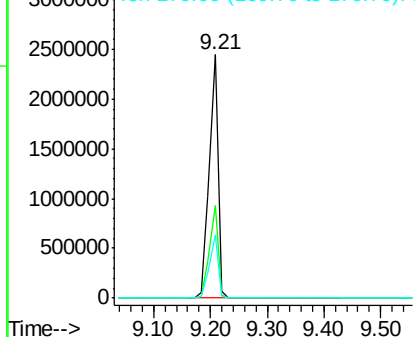


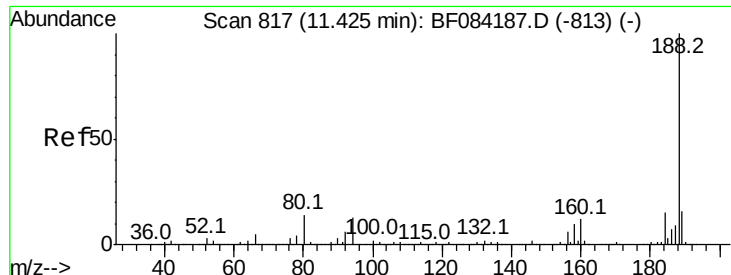
#44
 2-Fluorobiphenyl
 Concen: 85.14 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Tgt Ion:172 Resp: 2480185
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.1 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

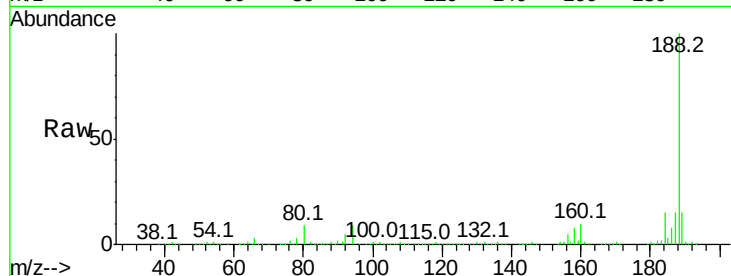




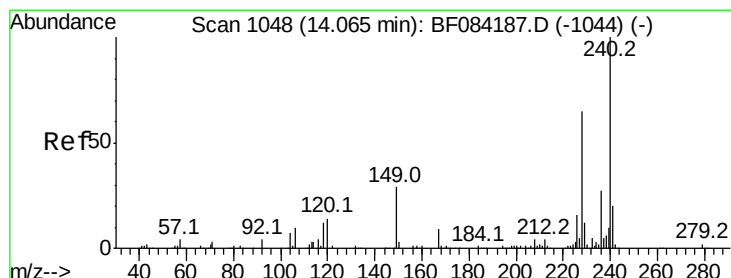
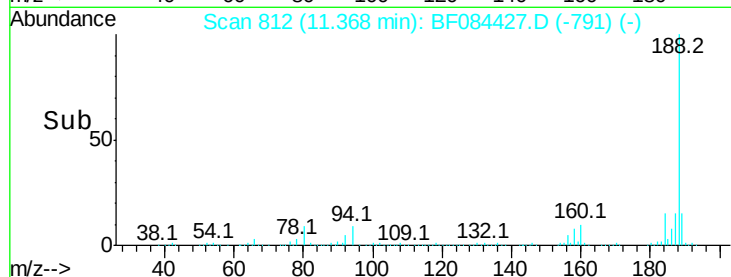
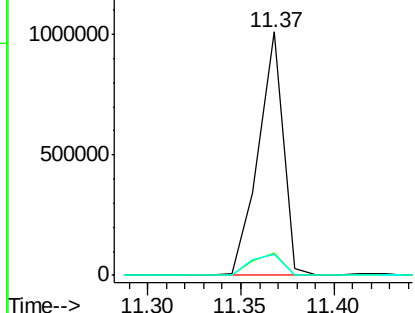
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

Instrument :
BNA_F
ClientSampled :
PB87777TB

Tot Ion:188 Resp: 956504
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 8.7 9.6 14.4#

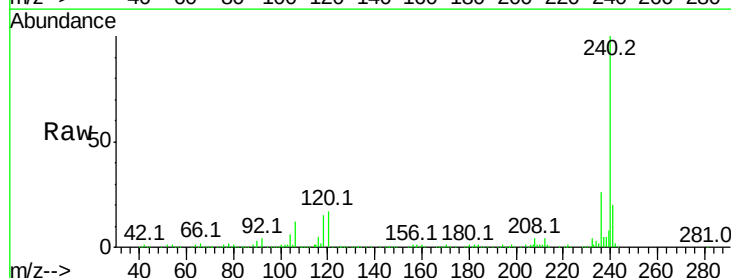


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

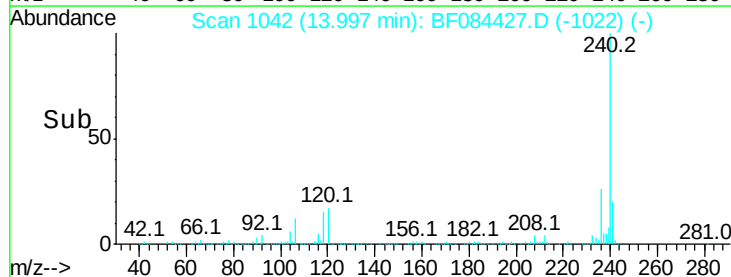
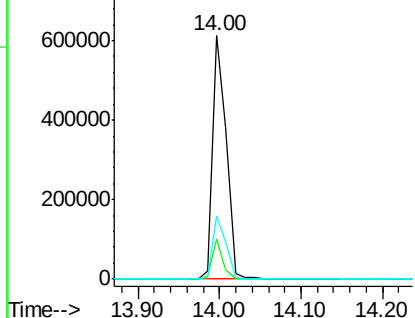


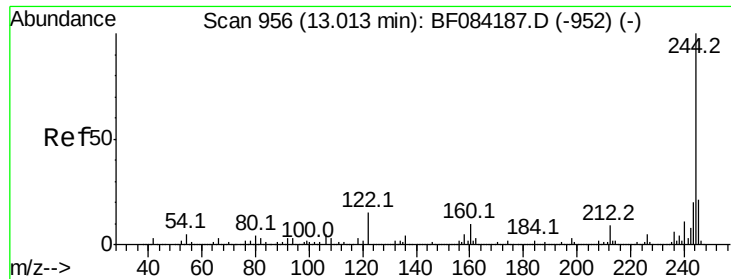
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084427.D
Acq: 12 Jan 2016 23:39

Tgt Ion:240 Resp: 716061
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 26.2 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

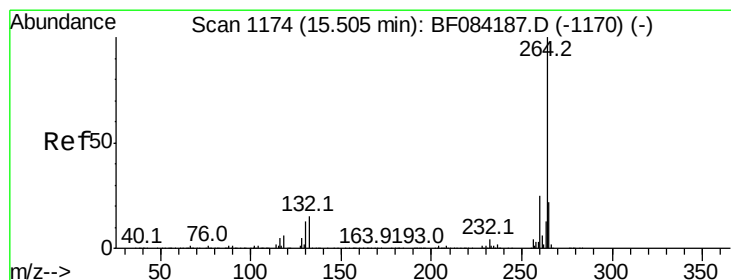
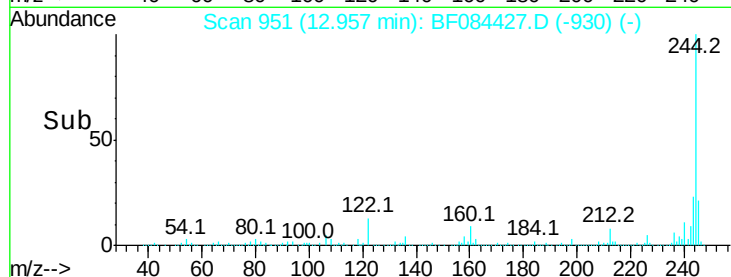
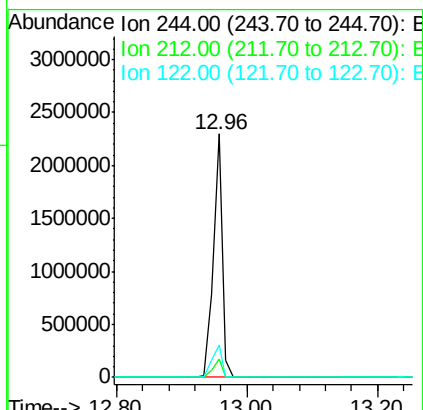
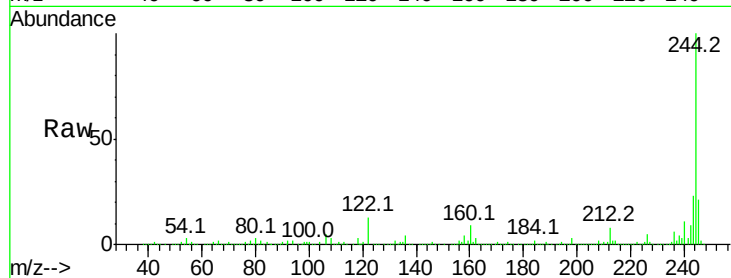




#78
 Terphenyl-d14
 Concen: 70.01 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87777TB

Tot Ion:244 Resp: 2245881
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084427.D
 Acq: 12 Jan 2016 23:39

Tgt Ion:264 Resp: 526499
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.8 26.6

