

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084333.D
 Acq On : 8 Jan 2016 17:42
 Operator : SJ/UM
 Sample : PB87699TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Quant Time: Jan 09 00:19:22 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	6.85	152	257775	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1107279	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	510579	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	962930	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	758394	20.00	ng	-0.05
86) Perylene-d12	15.44	264	521251	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1839355	115.41	ng	-0.02
7) Phenol-d6	6.50	99	2129650	106.40	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1700180	85.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	652990	126.68	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2327006	79.79	ng	-0.05
78) Terphenyl-d14	12.97	244	2519537	74.16	ng	-0.05

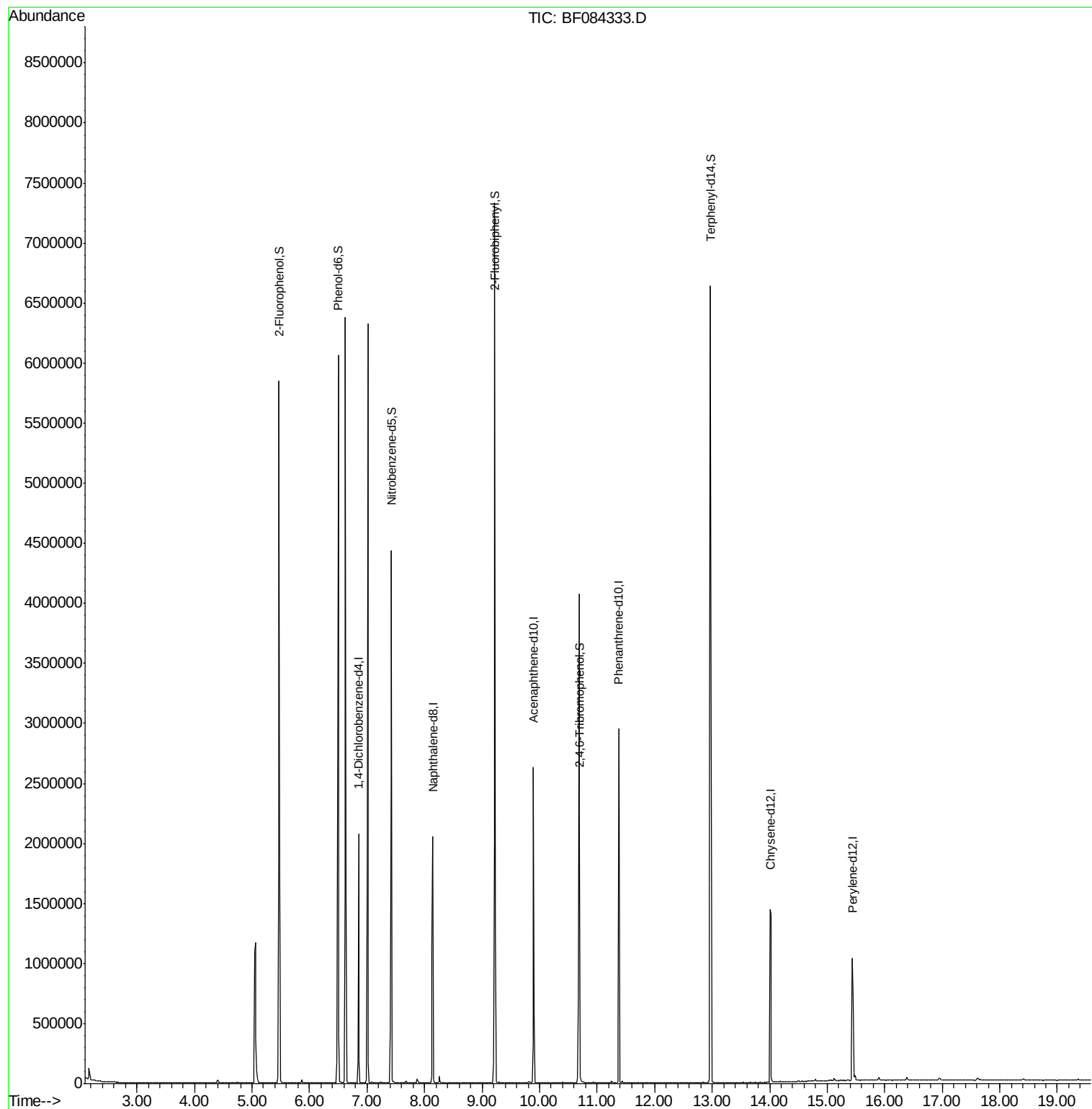
Target Compounds	Qvalue
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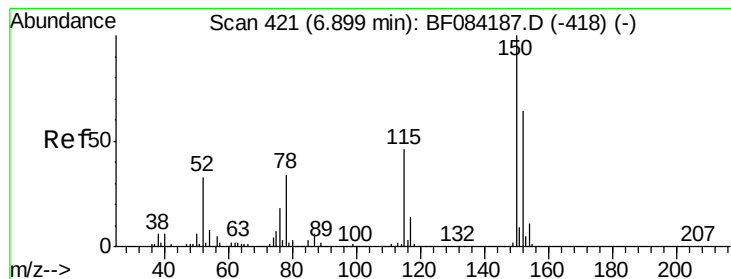
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

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BNA_F

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PB87699TB

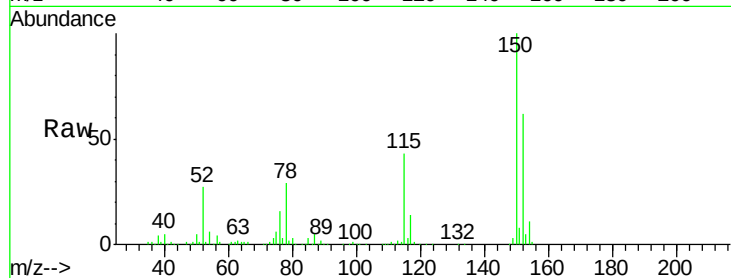
Tgt Ion:152 Resp: 257775

Ion Ratio Lower Upper

152 100

150 160.9 123.0 184.4

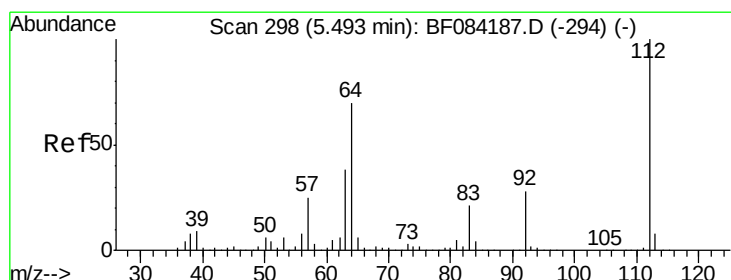
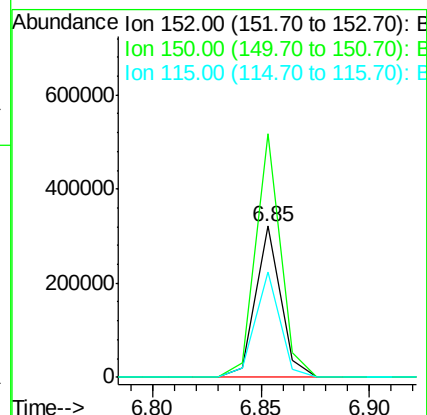
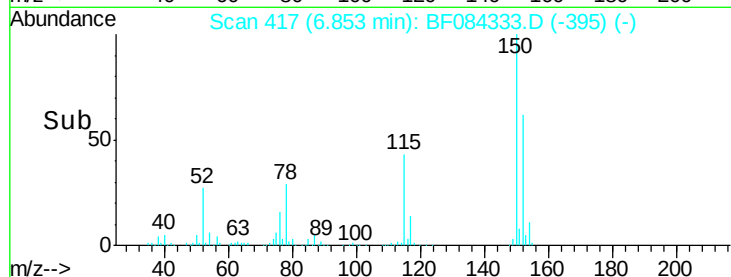
115 69.7 51.4 77.2



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: 115.41 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

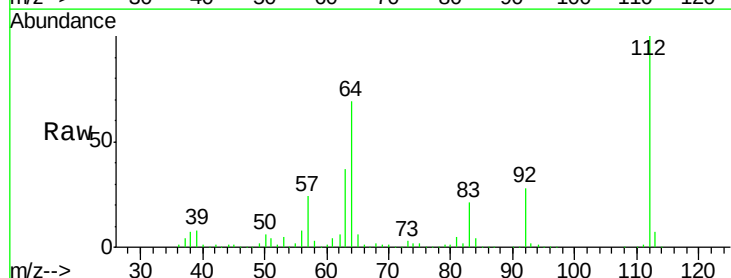
Tgt Ion:112 Resp: 1839355

Ion Ratio Lower Upper

112 100

64 68.5 36.6 55.0#

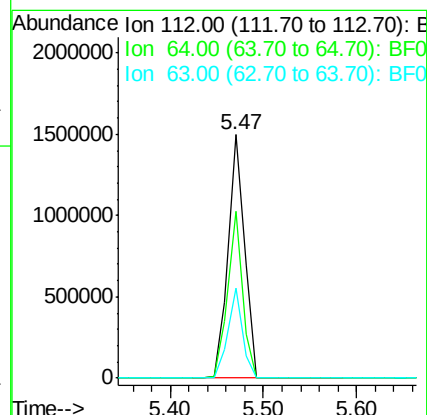
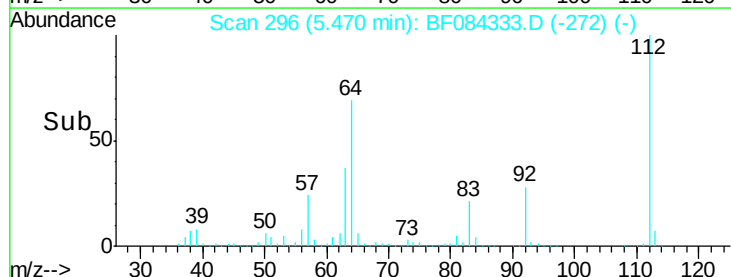
63 36.7 19.4 29.0#

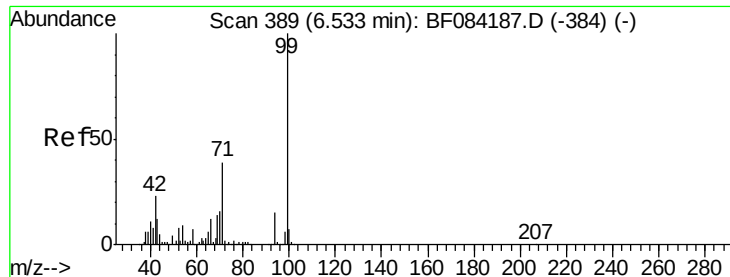


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.40 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Instrument :

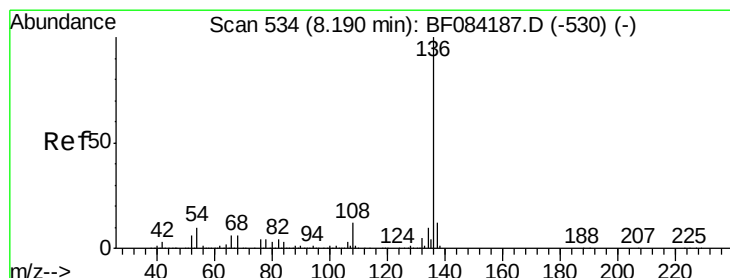
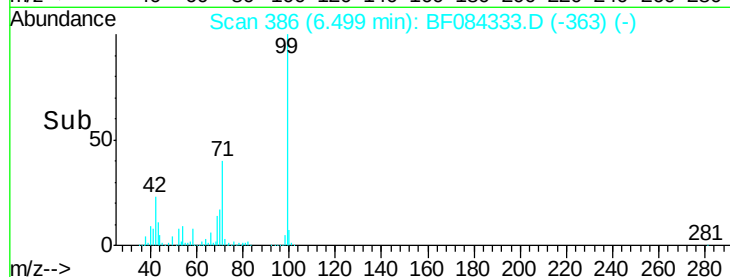
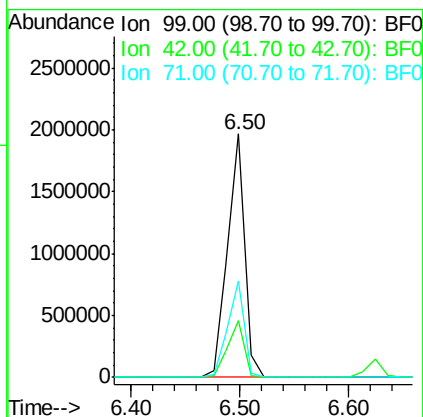
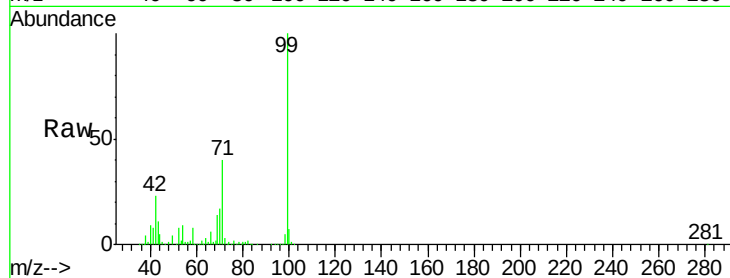
BNA_F

ClientSampleId :

PB87699TB

Tgt Ion: 99 Resp: 2129650

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	39.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

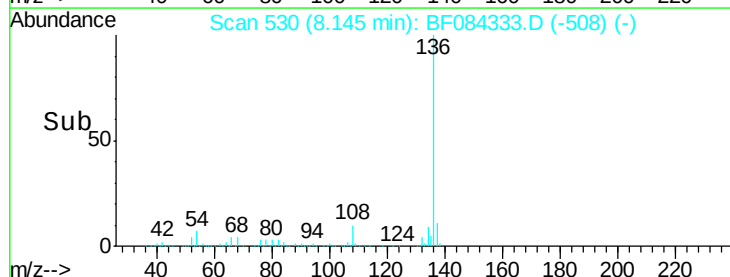
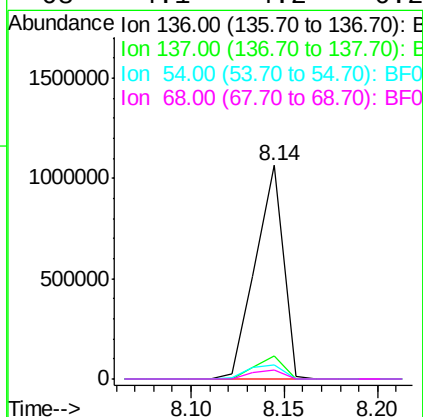
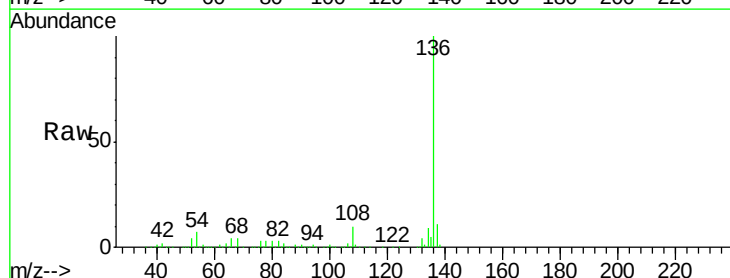
Delta R.T. -0.05 min

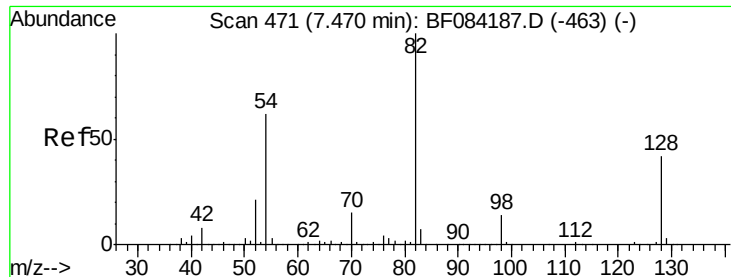
Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Tgt Ion: 136 Resp: 1107279

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.8	8.8
68	4.1	4.2	6.2#

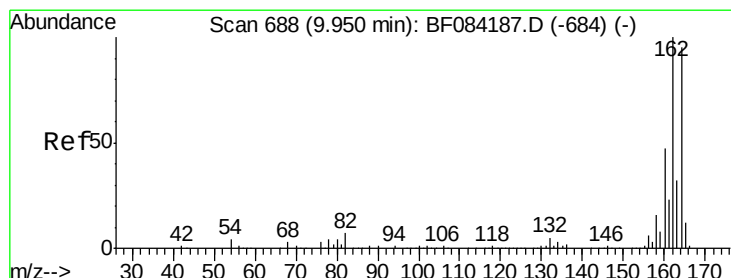
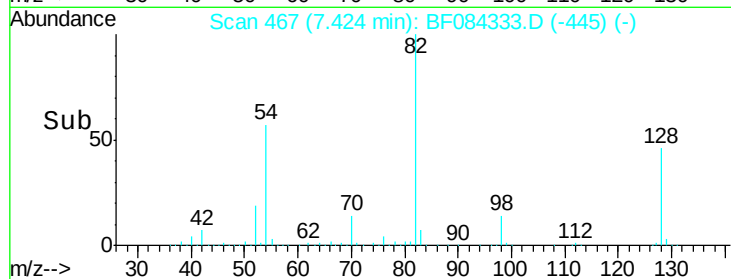
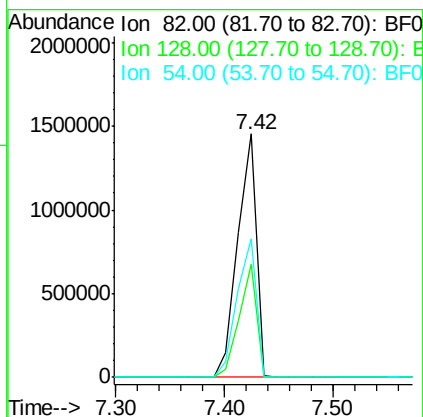
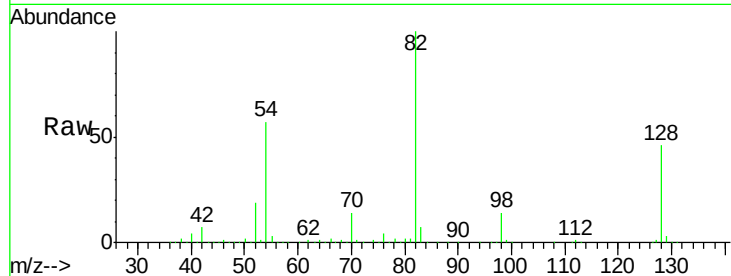




#23
 Nitrobenzene-d5
 Concen: 85.46 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

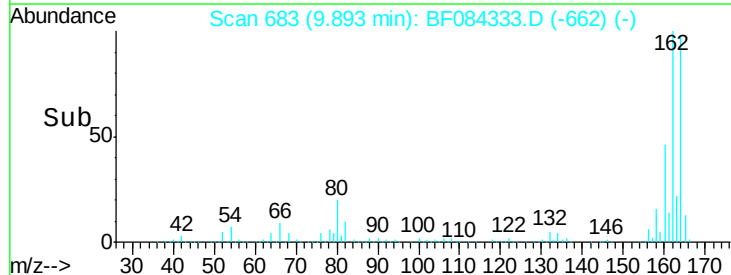
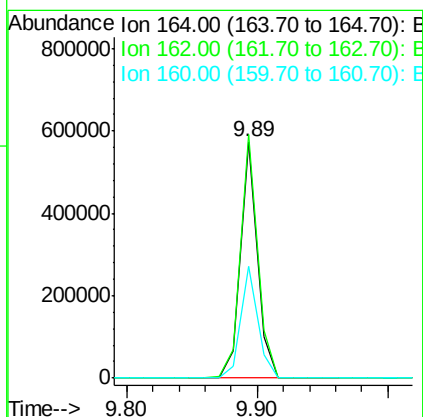
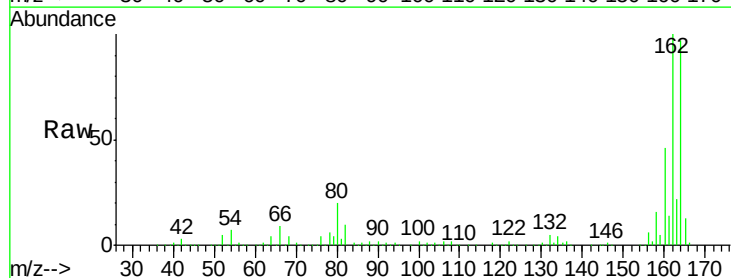
Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

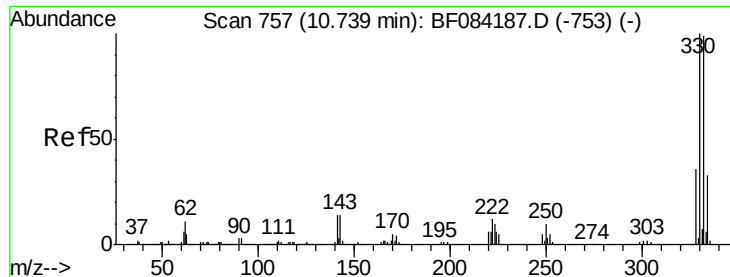
Tgt Ion: 82 Resp: 1700180
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.6 51.8
 54 57.1 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion: 164 Resp: 510579
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.5 37.5 56.3

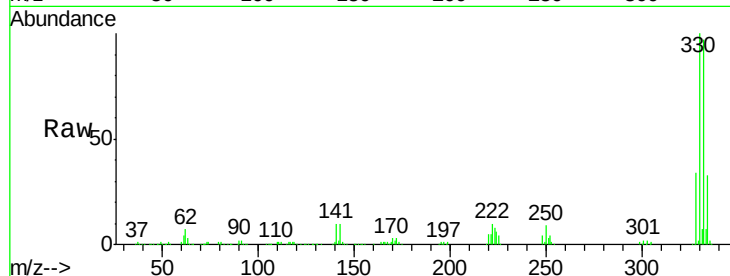




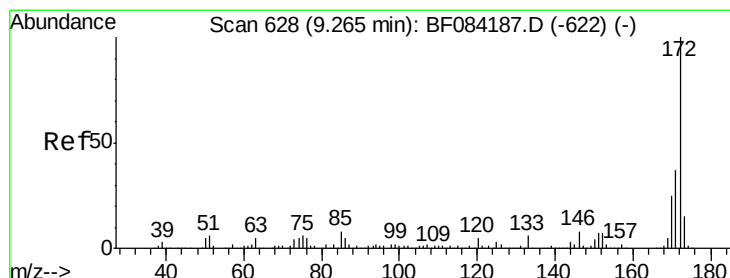
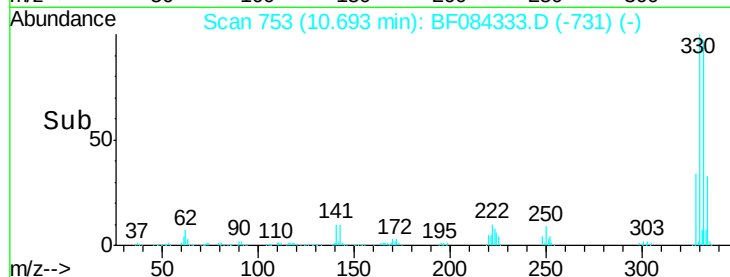
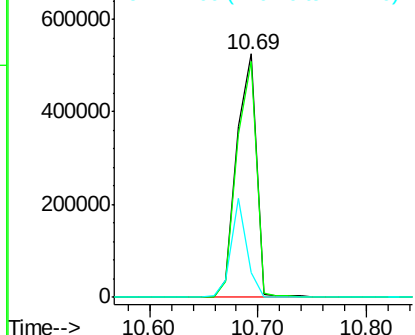
#41
 2,4,6-Tribromophenol
 Concen: 126.68 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB87699TB

Tgt Ion:330 Resp: 652990
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.7 27.8 41.6

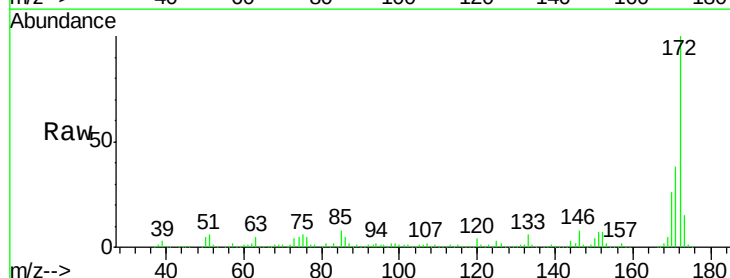


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

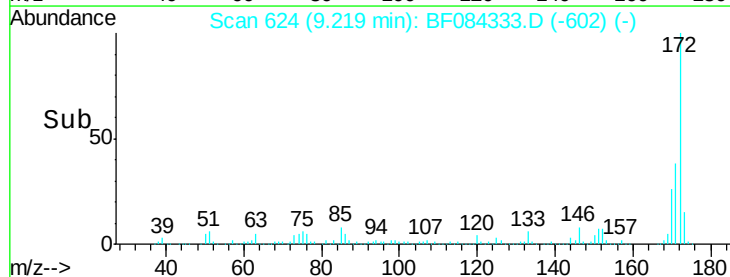
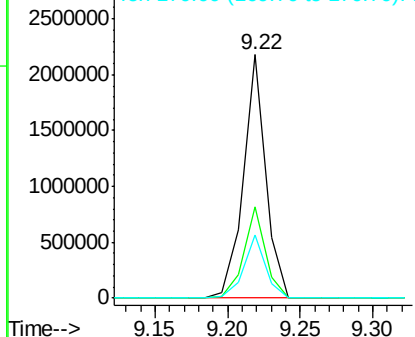


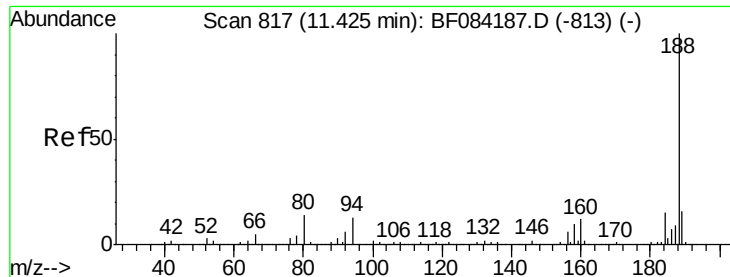
#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084333.D
 Acq: 8 Jan 2016 17:42

Tgt Ion:172 Resp: 2327006
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

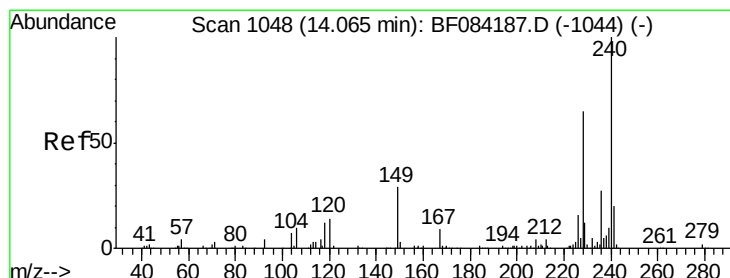
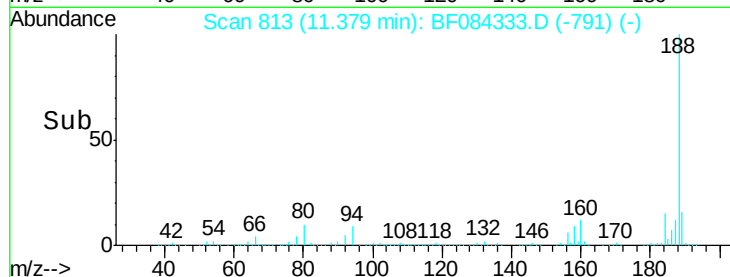
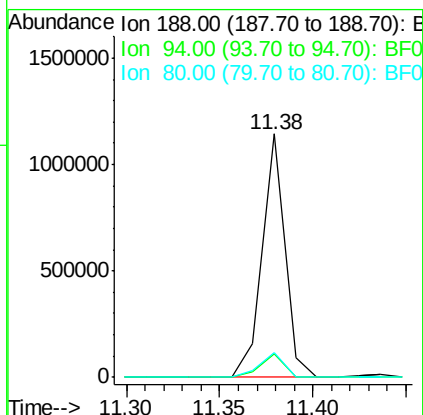
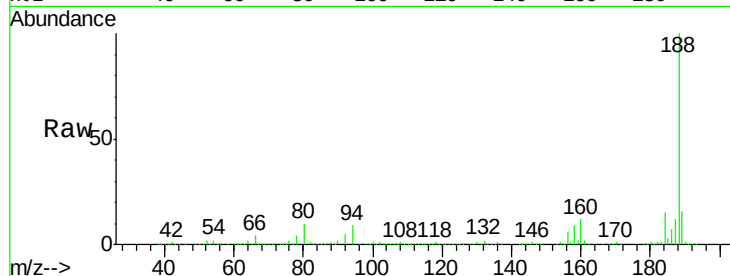




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084333.D
Acq: 8 Jan 2016 17:42

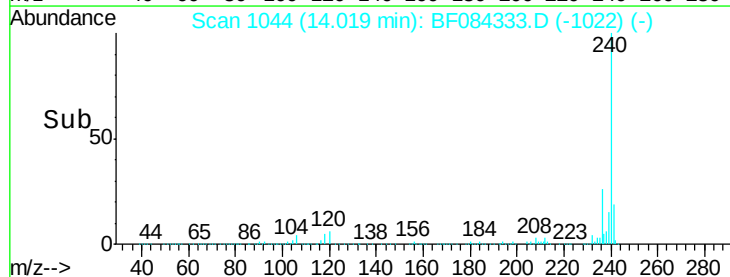
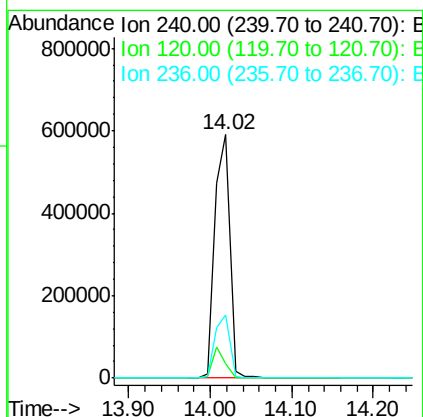
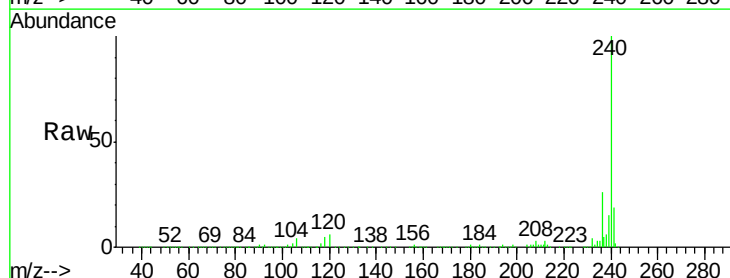
Instrument :
BNA_F
ClientSampleId :
PB87699TB

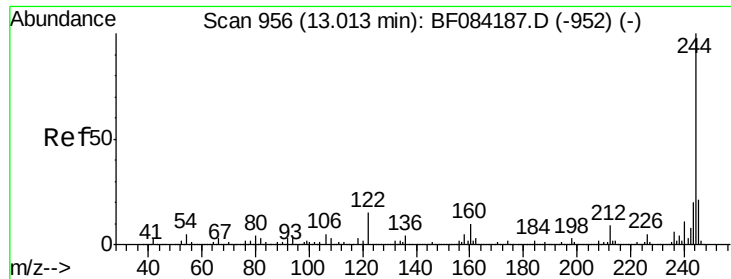
Tgt Ion:188 Resp: 962930
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 10.4 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084333.D
Acq: 8 Jan 2016 17:42

Tgt Ion:240 Resp: 758394
Ion Ratio Lower Upper
240 100
120 5.8 9.5 14.3#
236 25.9 20.6 31.0





#78

Terphenyl-d14

Concen: 74.16 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Instrument :

BNA_F

ClientSampled :

PB87699TB

Tgt Ion:244 Resp: 2519537

Ion Ratio Lower Upper

244 100

212 8.1

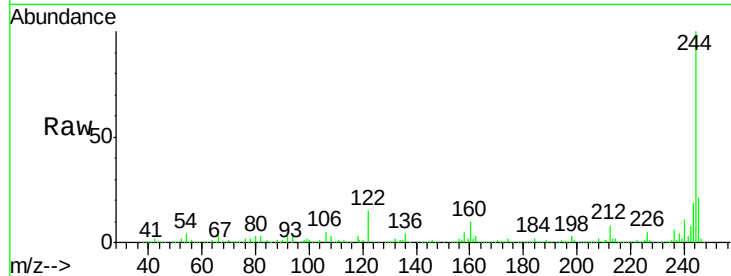
5.7

8.5

122 15.1

7.4

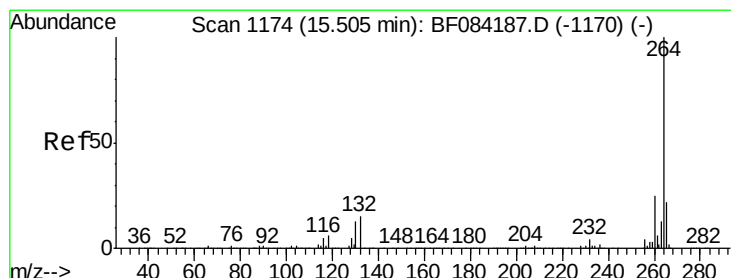
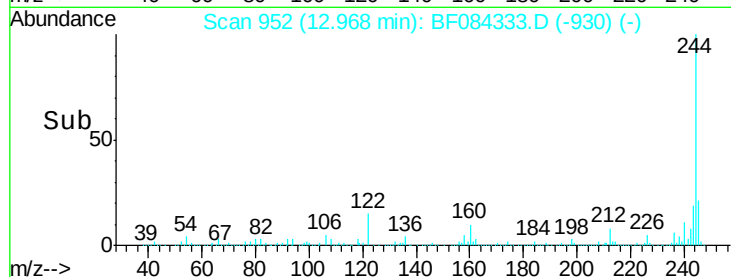
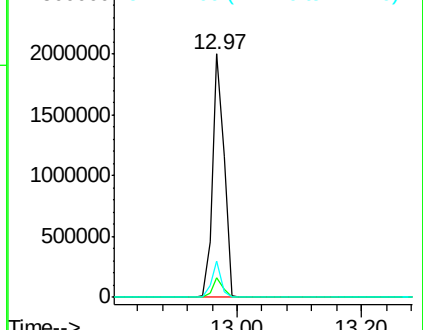
11.0#



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084333.D

Acq: 8 Jan 2016 17:42

Tgt Ion:264 Resp: 521251

Ion Ratio Lower Upper

264 100

260 24.2

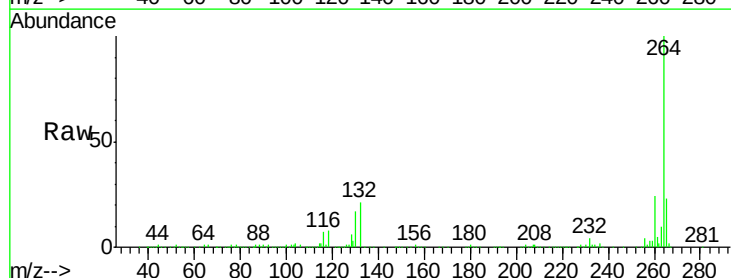
19.4

29.2

265 22.6

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

