

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084384.D
 Acq On : 11 Jan 2016 17:21
 Operator : SJ/UM
 Sample : PB87733TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733TB

Quant Time: Jan 12 03:29:16 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	253308	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	982522	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	438733	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	740620	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	476791	20.00	ng	-0.06
86) Perylene-d12	15.44	264	407130	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1432420	91.47	ng	-0.02
7) Phenol-d6	6.50	99	1726029	87.76	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1337196	75.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	396445	89.50	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1962208	78.17	ng	-0.05
78) Terphenyl-d14	12.97	244	1614961	75.61	ng	-0.05

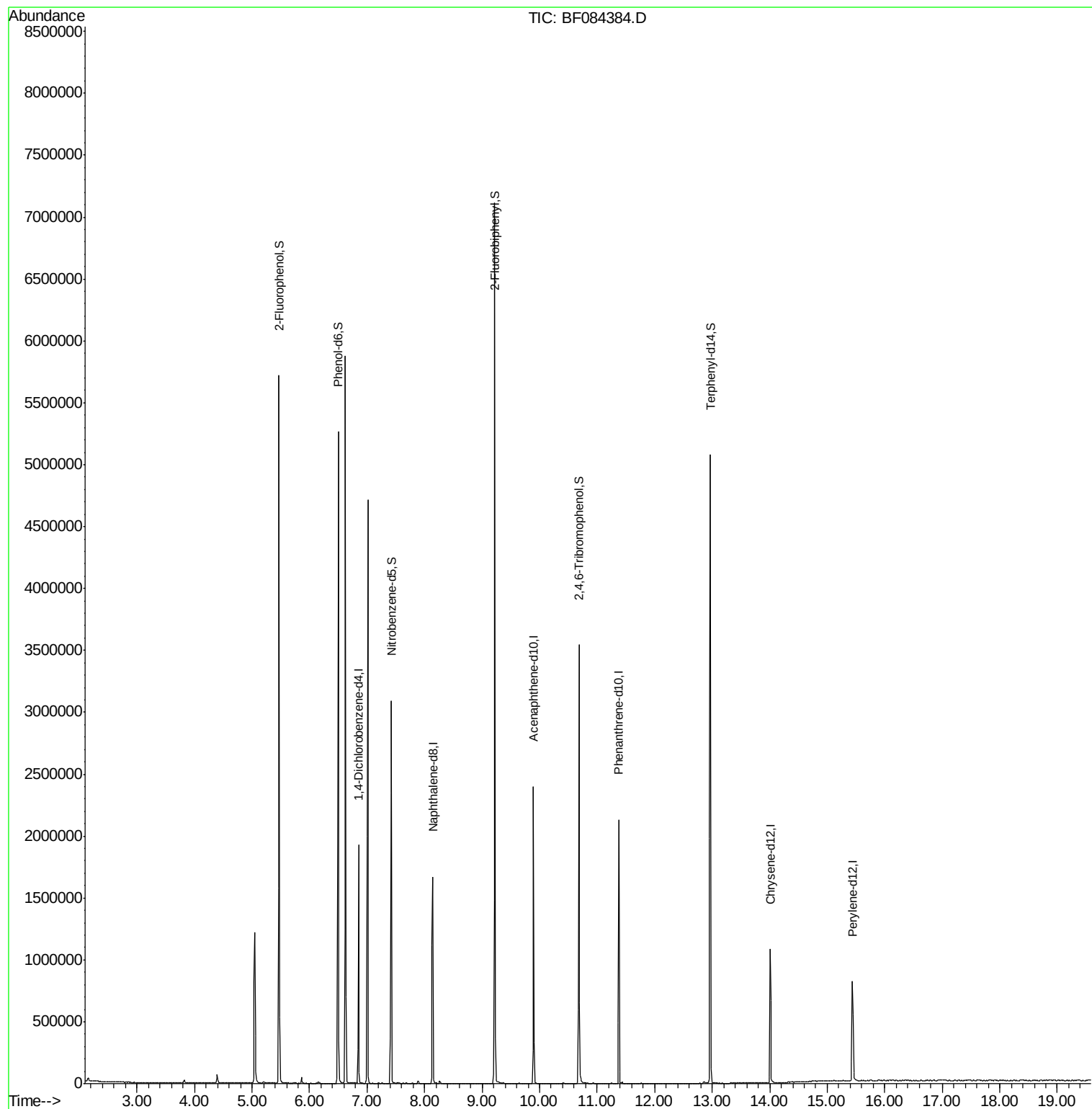
Target Compounds	Qvalue
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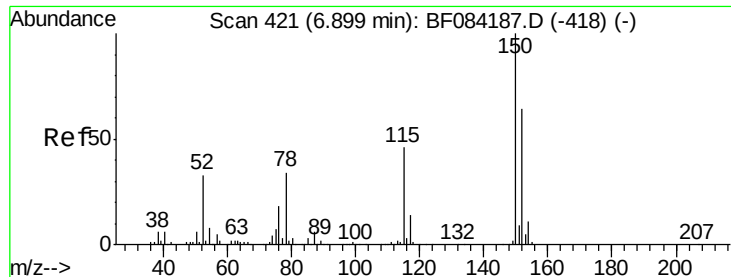
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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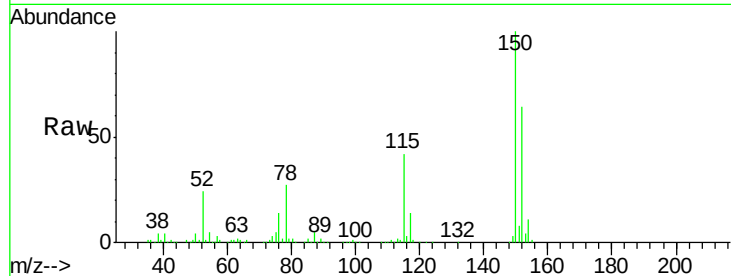


#1

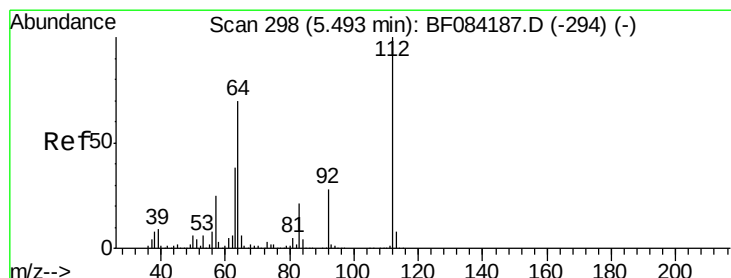
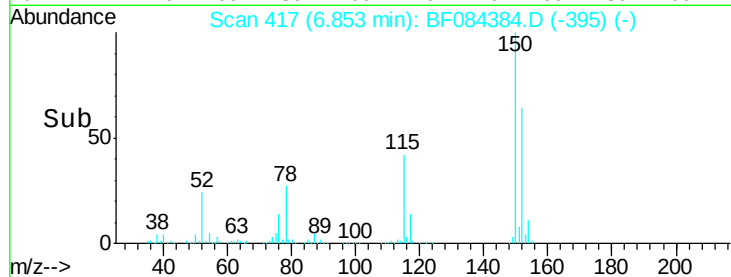
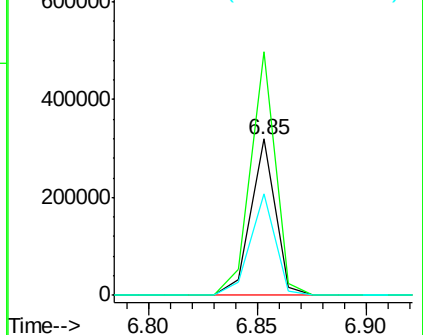
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:152 Resp: 253308
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 64.6 51.4 77.2



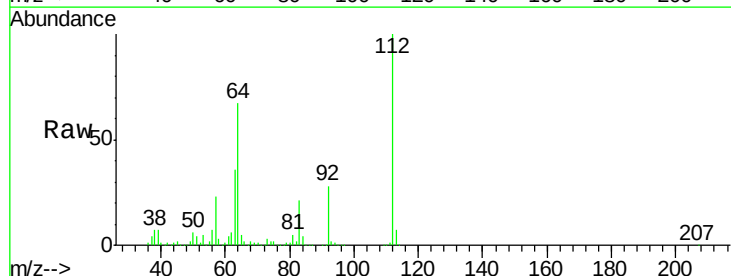
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



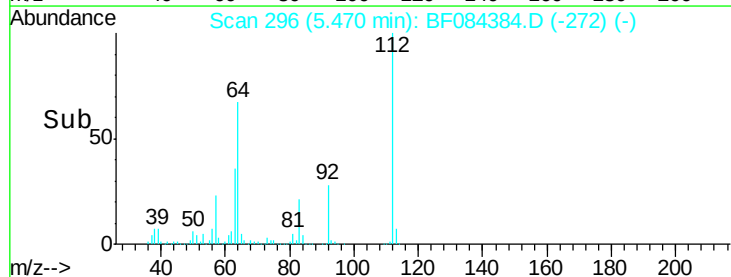
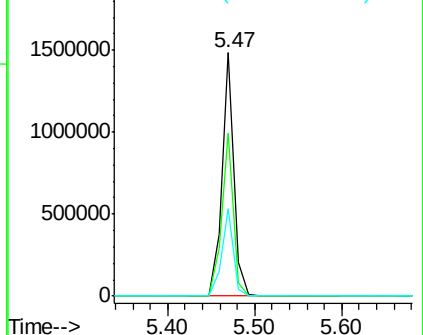
#5

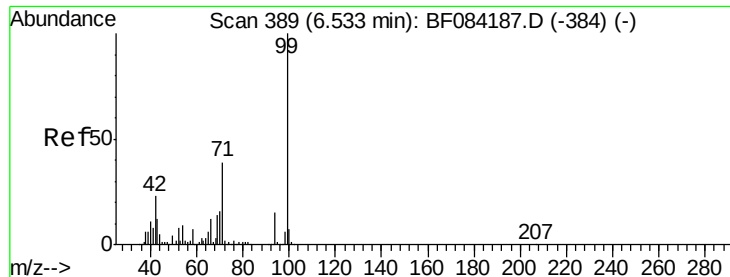
2-Fluorophenol
Concen: 91.47 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Tgt Ion:112 Resp: 1432420
Ion Ratio Lower Upper
112 100
64 67.0 36.6 55.0#
63 35.9 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: 87.76 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

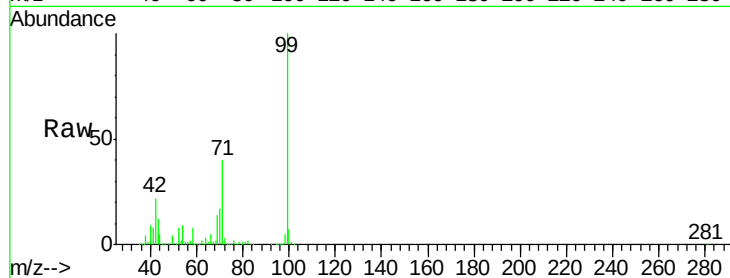
Tgt Ion: 99 Resp: 1726029

Ion Ratio Lower Upper

99 100

42 22.4 12.8 19.2#

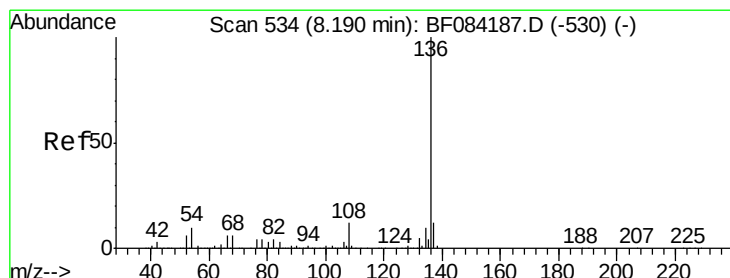
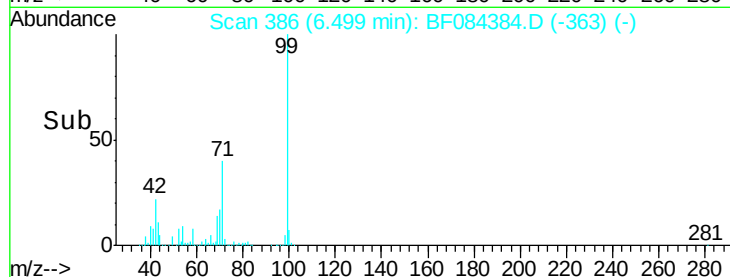
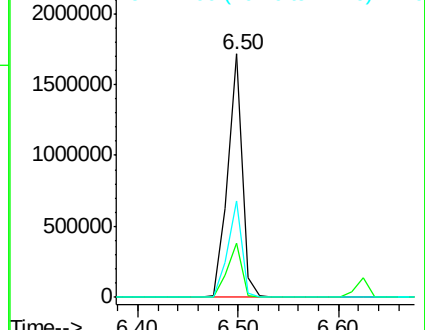
71 39.7 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Tgt Ion: 136 Resp: 982522

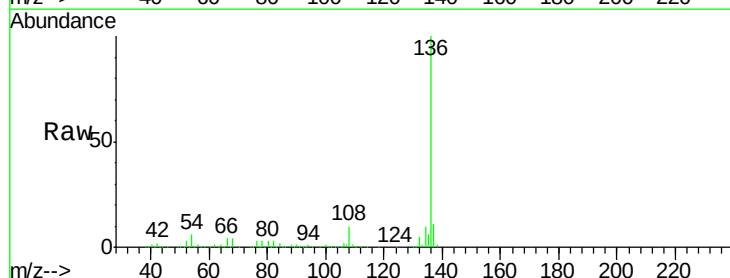
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.2 5.8 8.8

68 3.5 4.2 6.2#

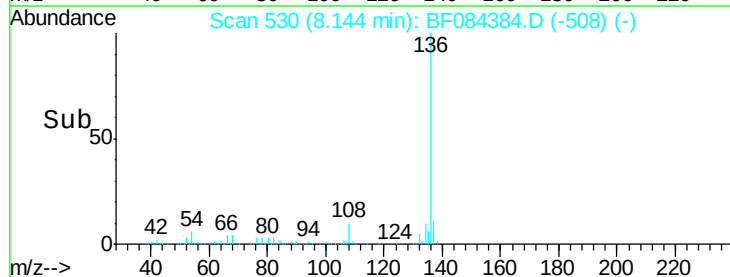
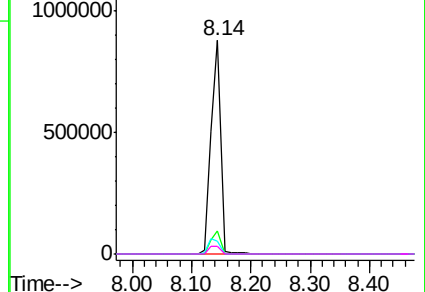


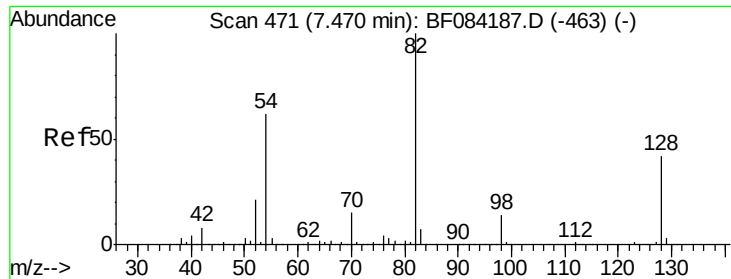
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.75 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

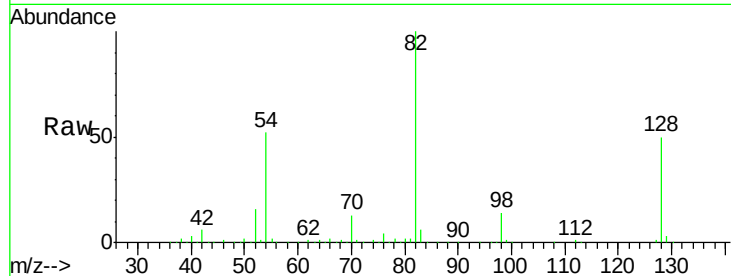
Tgt Ion: 82 Resp: 1337196

Ion Ratio Lower Upper

82 100

128 50.3 34.6 51.8

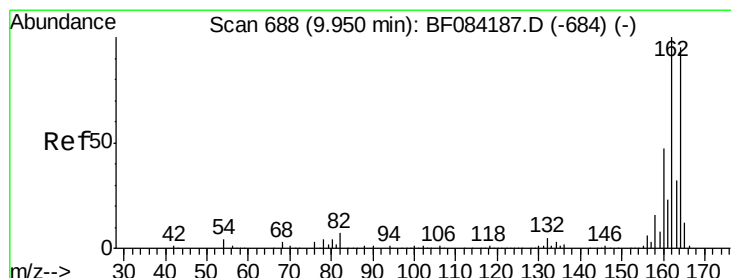
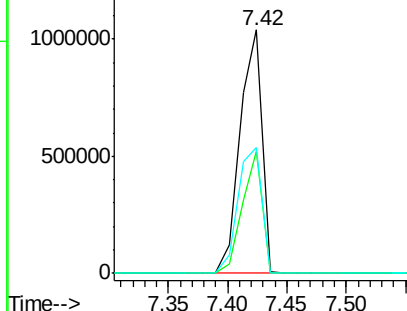
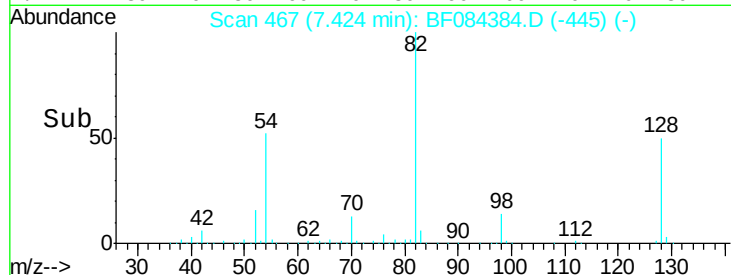
54 51.8 38.4 57.6



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: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

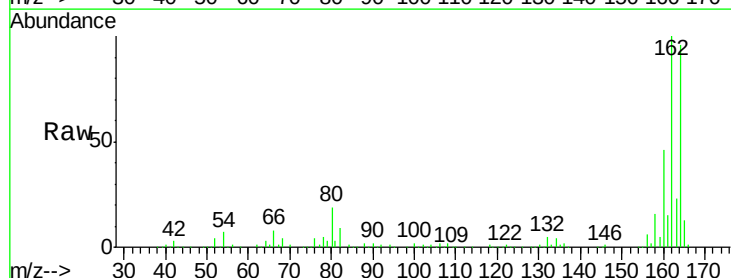
Tgt Ion: 164 Resp: 438733

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

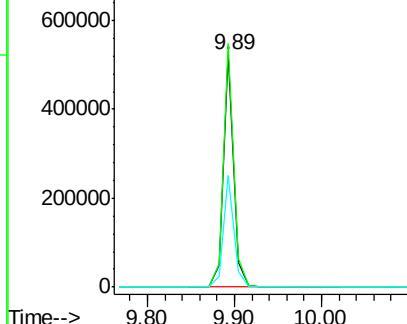
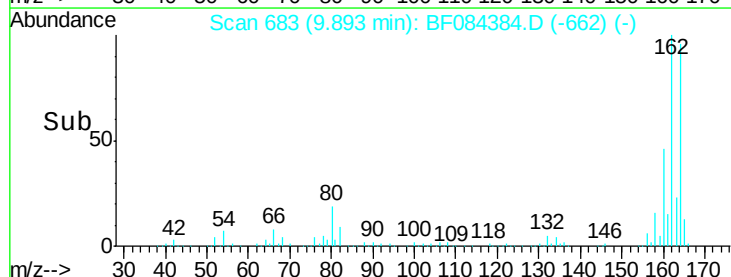
160 47.8 37.5 56.3

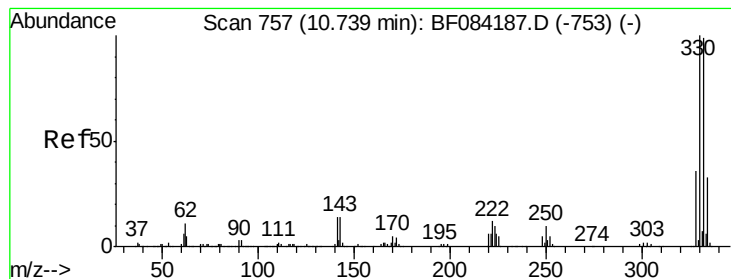


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 89.50 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleID :

PB87733TB

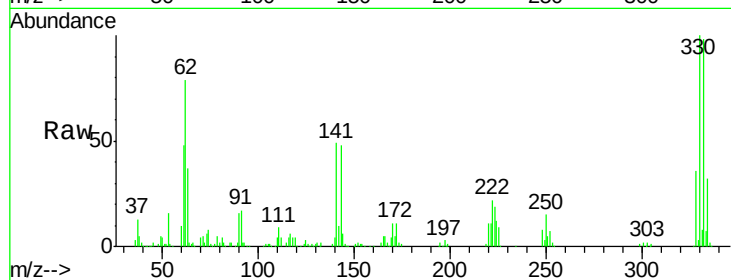
Tgt Ion:330 Resp: 396445

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

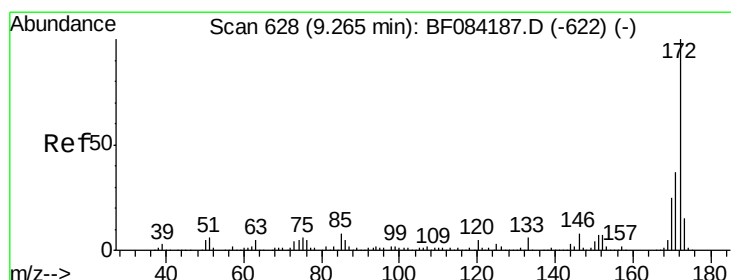
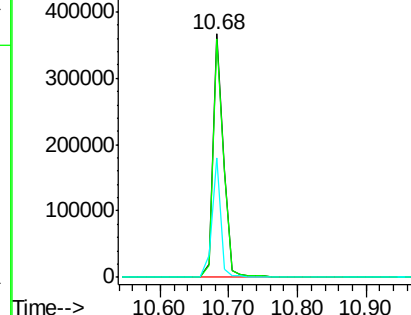
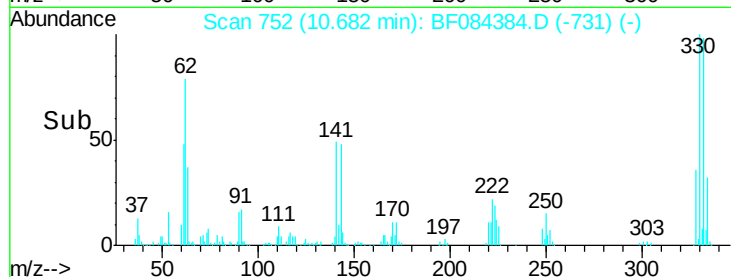
141 40.8 27.8 41.6



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: 78.17 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

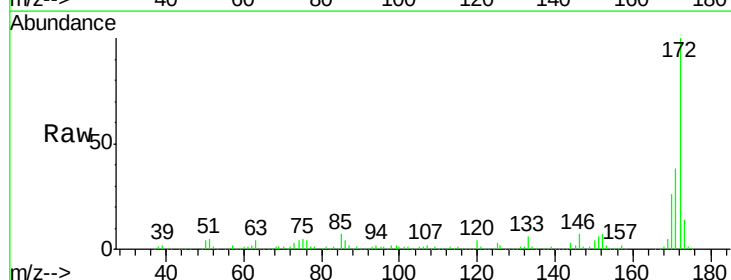
Tgt Ion:172 Resp: 1962208

Ion Ratio Lower Upper

172 100

171 38.0 28.9 43.3

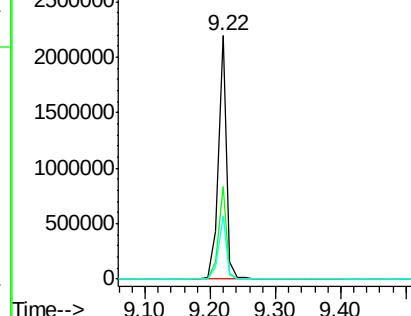
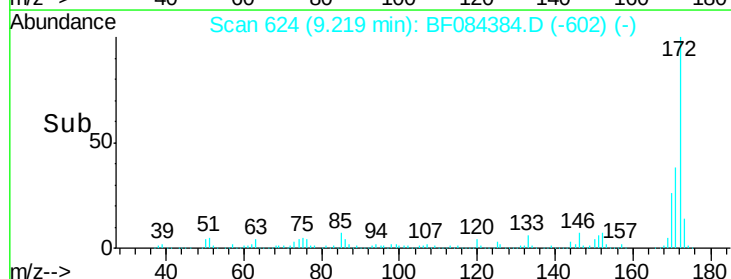
170 26.2 18.6 27.8

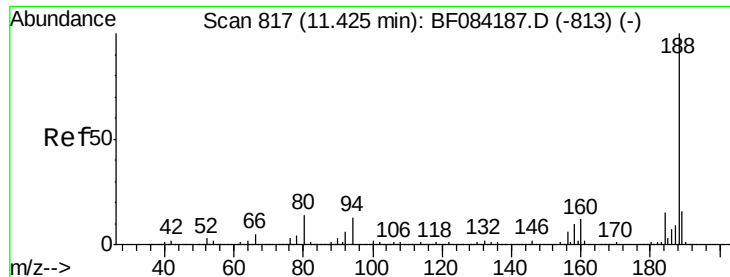


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

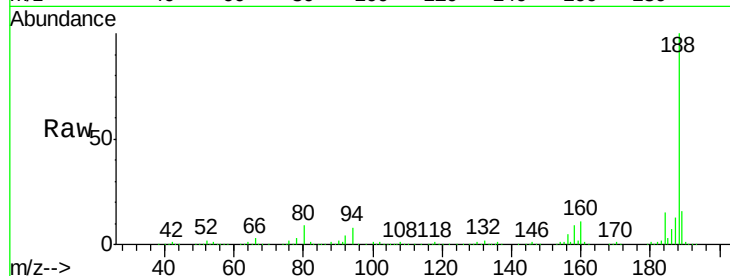




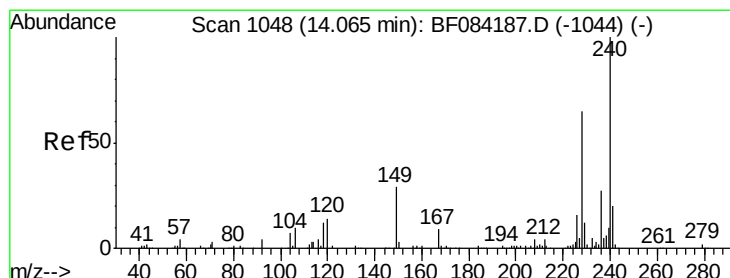
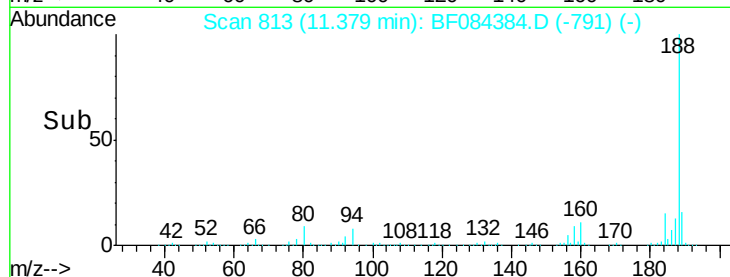
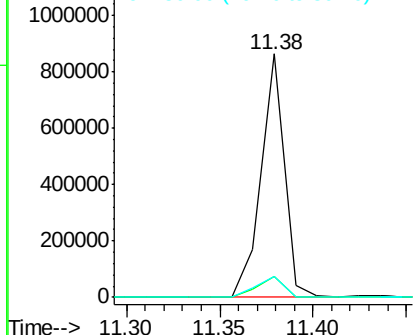
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:188 Resp: 740620
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.6 9.6 14.4#

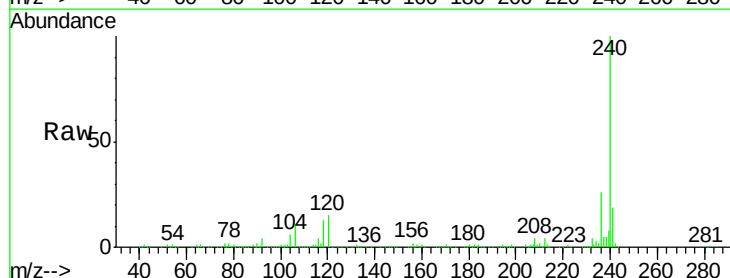


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

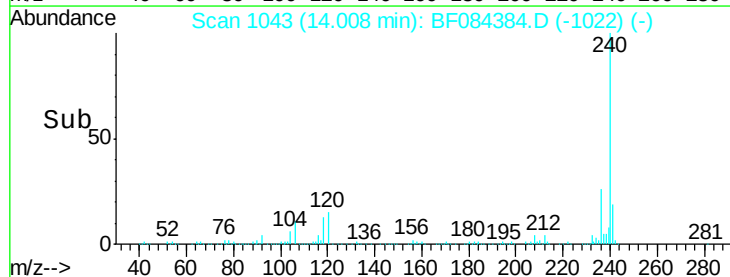
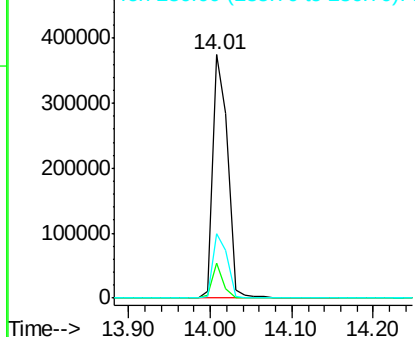


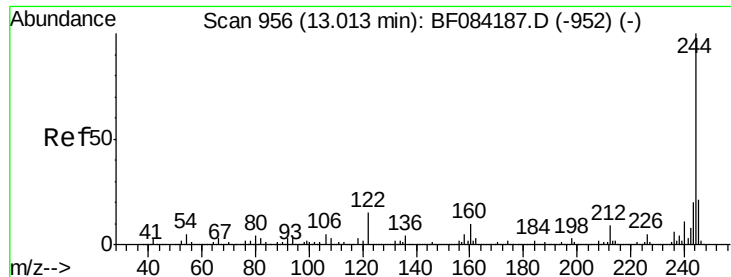
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Tgt Ion:240 Resp: 476791
Ion Ratio Lower Upper
240 100
120 14.6 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

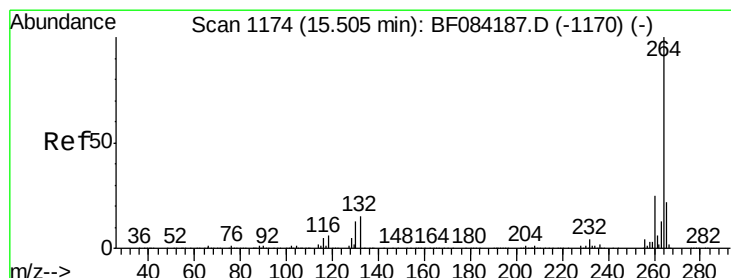
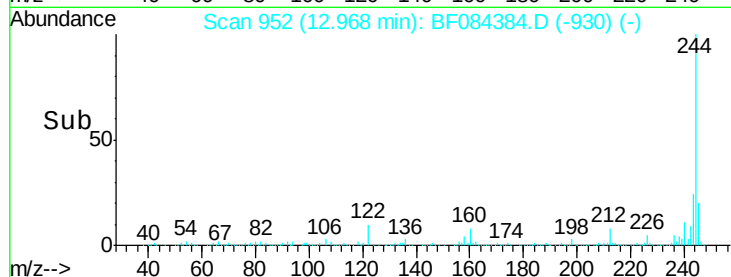
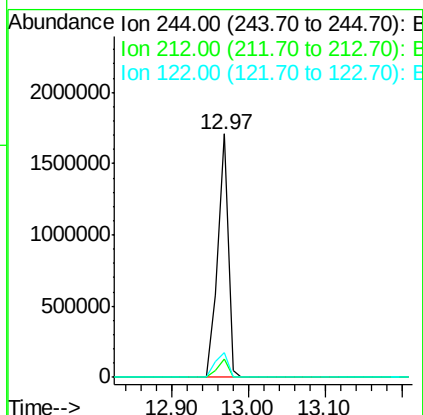
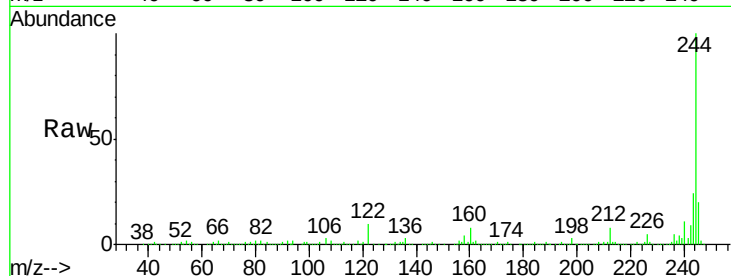




#78
 Terphenyl-d14
 Concen: 75.61 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87733TB

Tgt Ion:244 Resp: 1614961
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

Tgt Ion:264 Resp: 407130
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.0 17.8 26.6

