

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085667.D
 Acq On : 22 Mar 2016 19:15
 Operator : UM/SJ
 Sample : PB89081BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Quant Time: Mar 23 01:26:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125099	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	538388	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	242830	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	511422	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	422541	20.00	ng	-0.03
86) Perylene-d12	15.41	264	319959	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	952147	127.84	ng	-0.01
7) Phenol-d6	6.47	99	1189507	124.53	ng	-0.02
23) Nitrobenzene-d5	7.40	82	700717	75.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	355806	149.58	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1261152	89.89	ng	-0.03
78) Terphenyl-d14	12.94	244	1308351	74.51	ng	-0.02

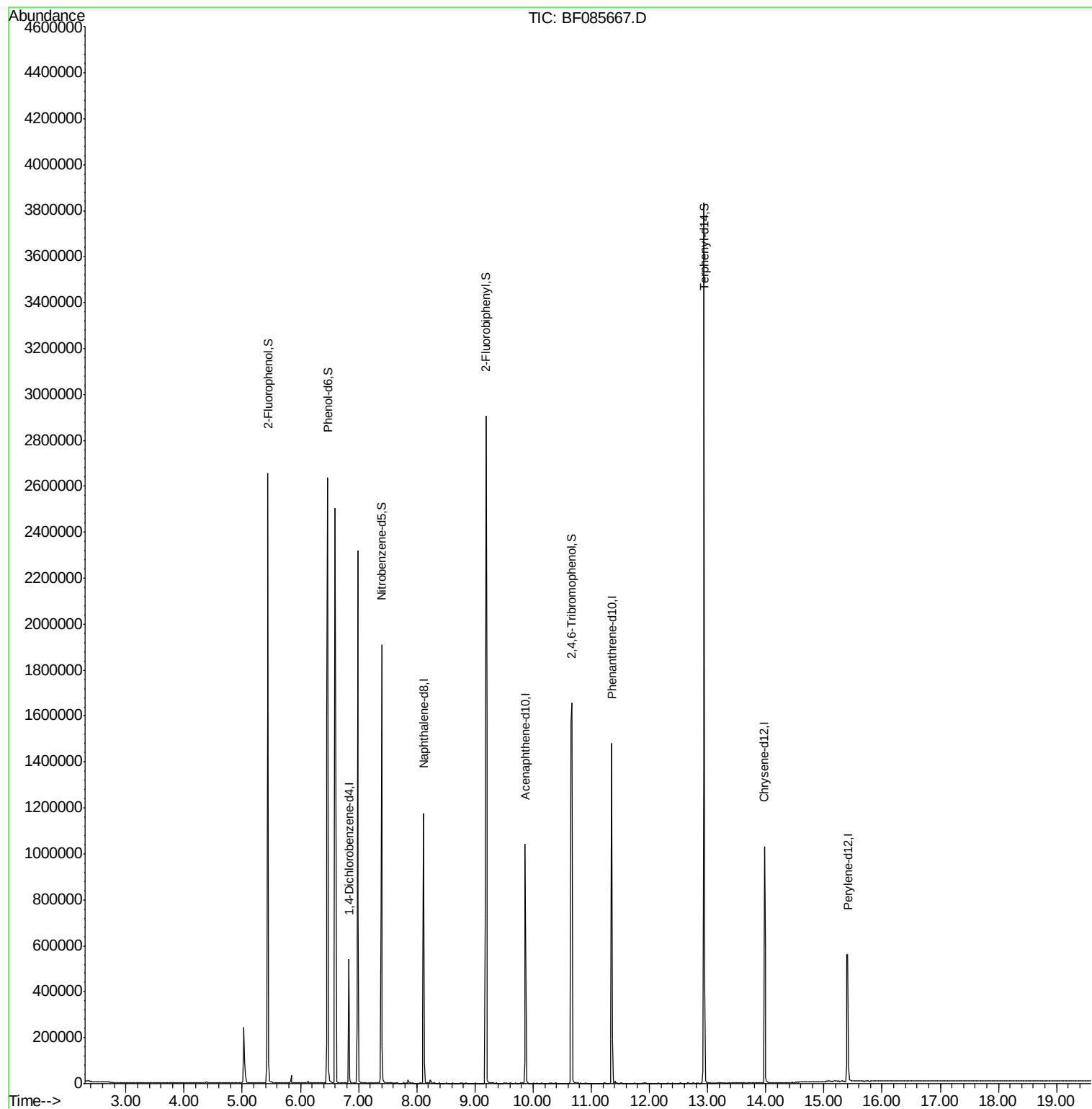
Target Compounds	Qvalue
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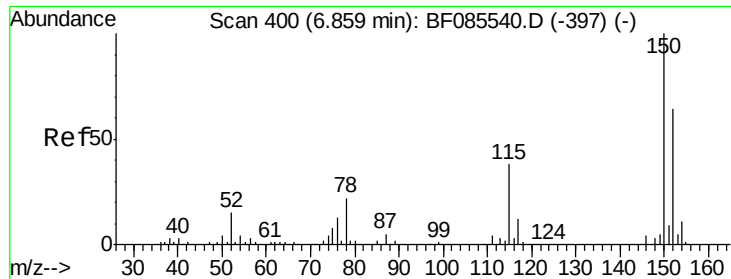
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

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ClientSampleId :

PB89081BL

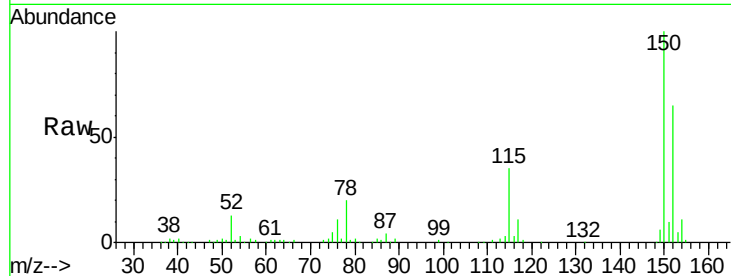
Tgt Ion:152 Resp: 125099

Ion Ratio Lower Upper

152 100

150 154.3 124.2 186.2

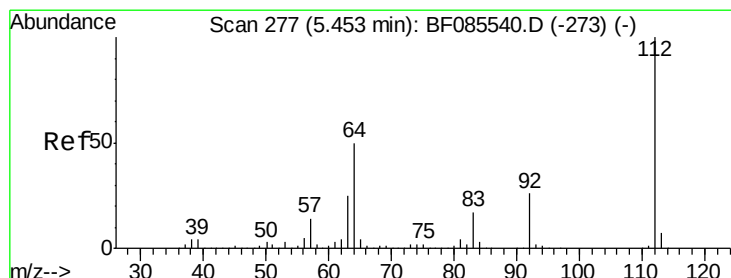
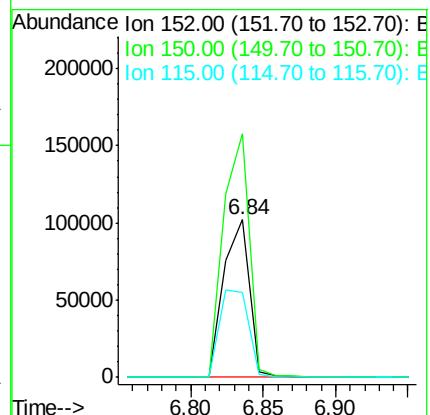
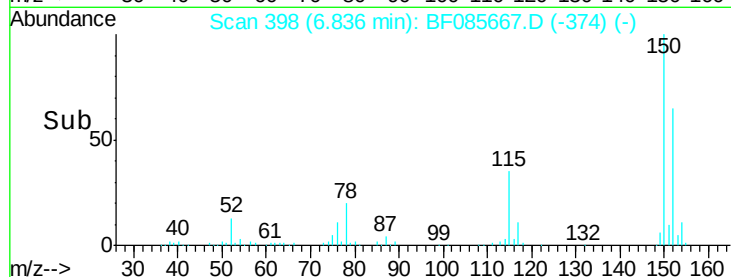
115 53.8 47.0 70.6



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: 127.84 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

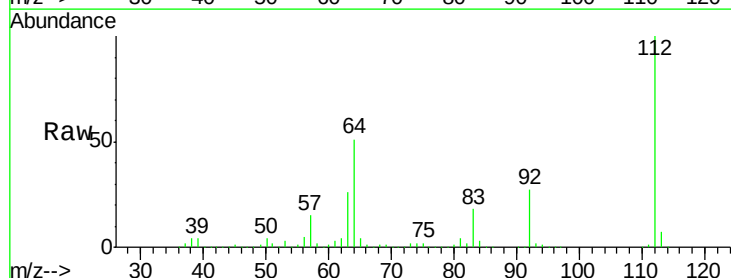
Tgt Ion:112 Resp: 952147

Ion Ratio Lower Upper

112 100

64 51.3 39.9 59.9

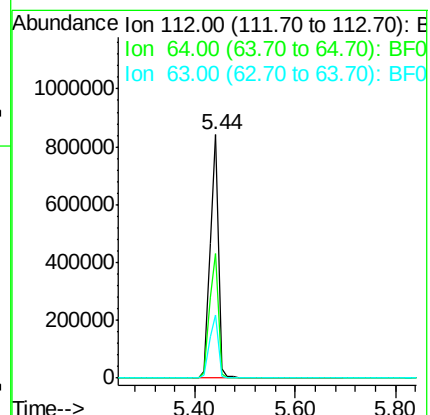
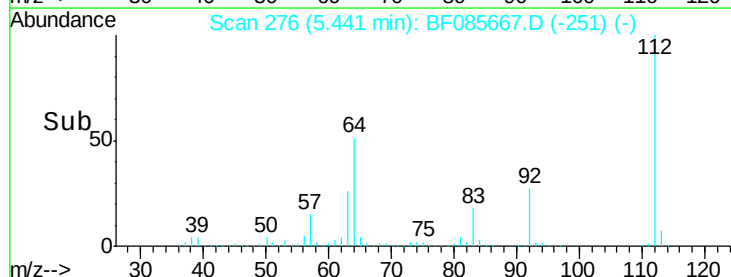
63 26.0 20.2 30.2

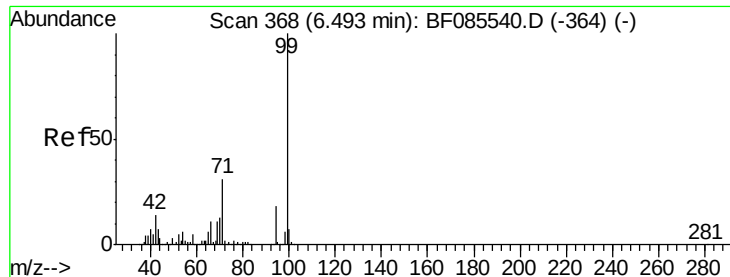


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.53 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampleId :

PB89081BL

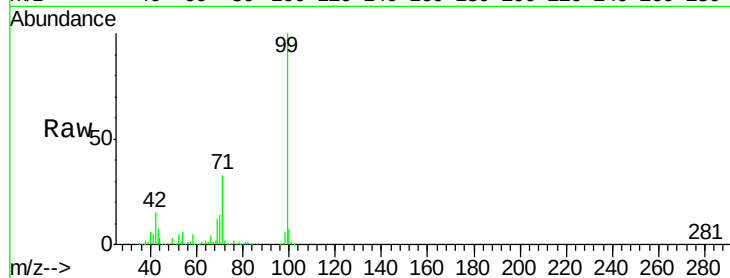
Tgt Ion: 99 Resp: 1189507

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

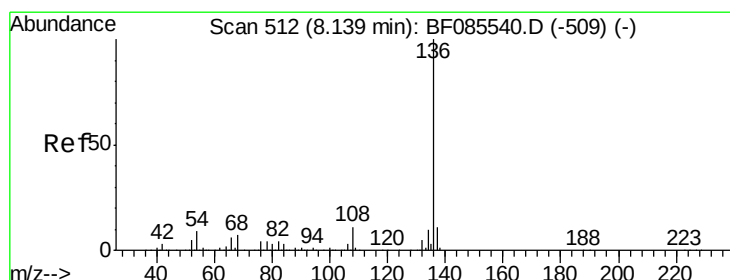
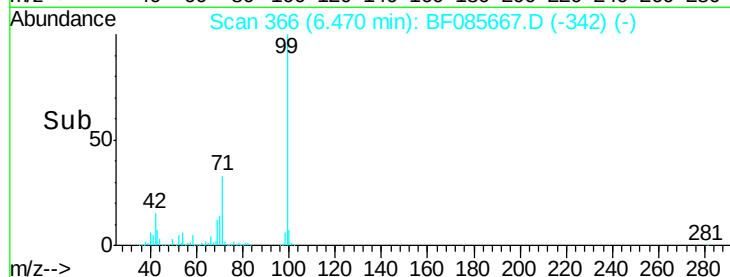
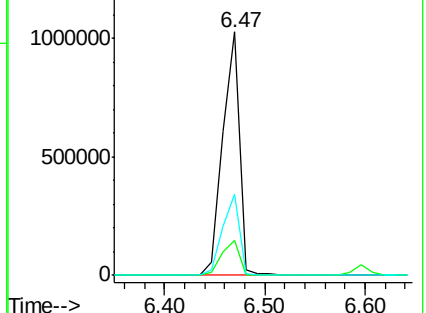
71 33.5 24.9 37.3



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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Tgt Ion: 136 Resp: 538388

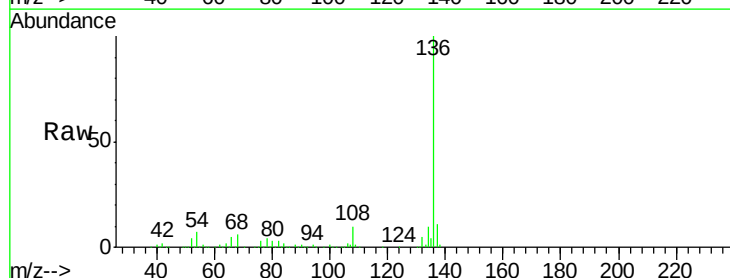
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.8 7.4 11.0#

68 5.7 5.8 8.8#

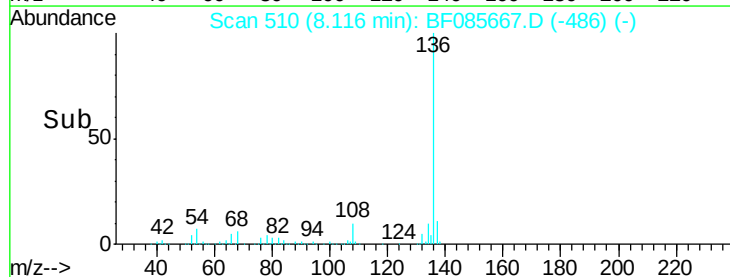
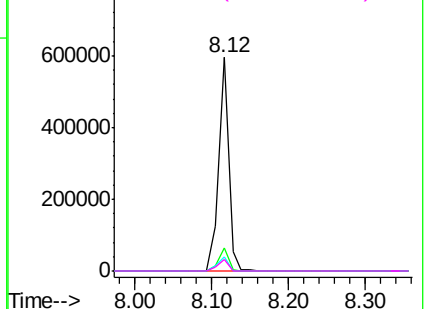


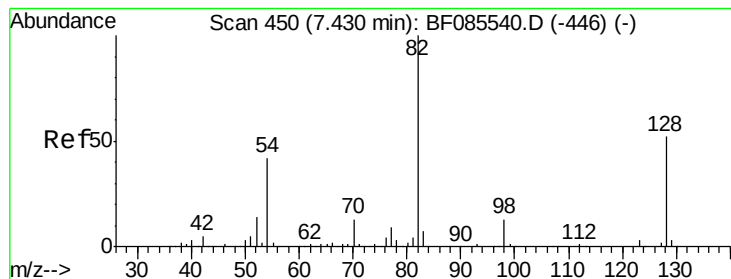
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.55 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampled :

PB89081BL

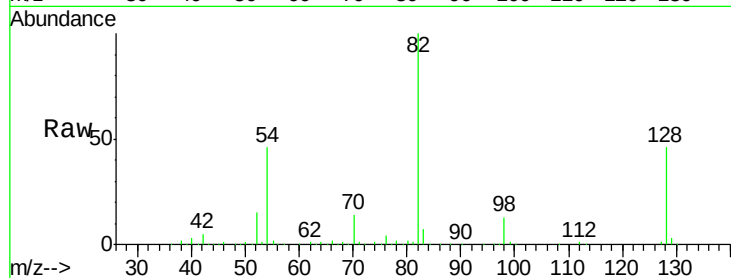
Tgt Ion: 82 Resp: 700717

Ion Ratio Lower Upper

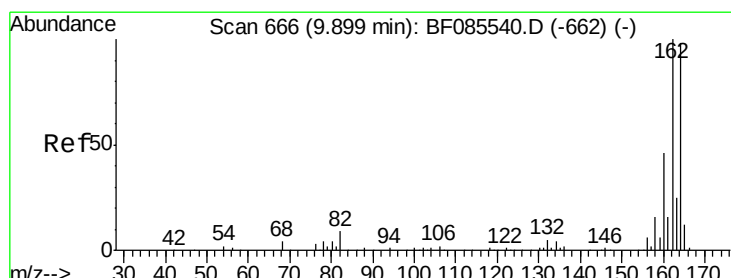
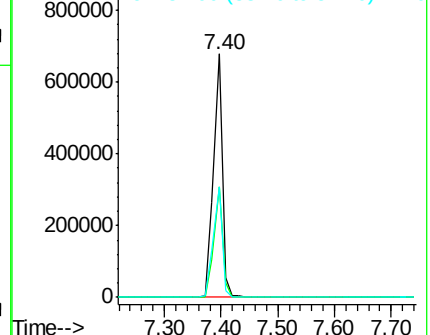
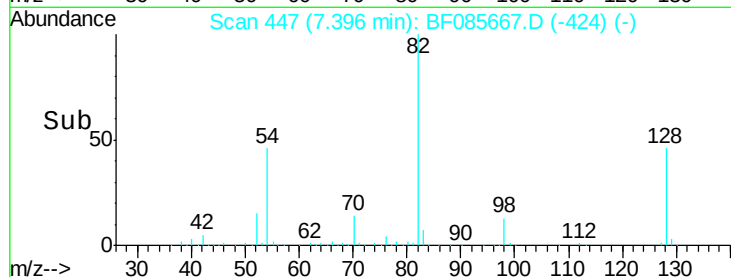
82 100

128 45.6 41.8 62.8

54 45.6 33.4 50.0



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: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

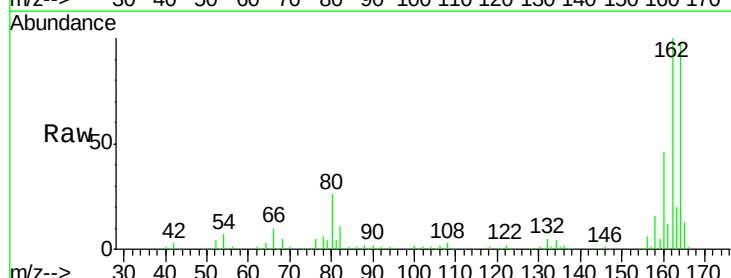
Tgt Ion: 164 Resp: 242830

Ion Ratio Lower Upper

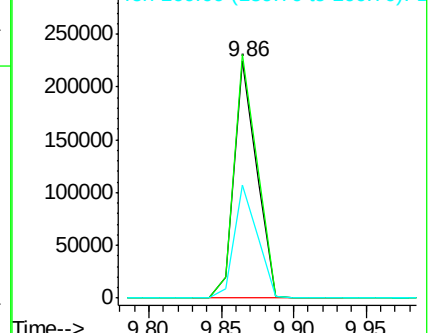
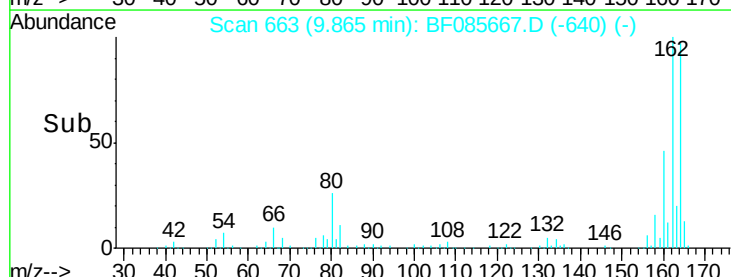
164 100

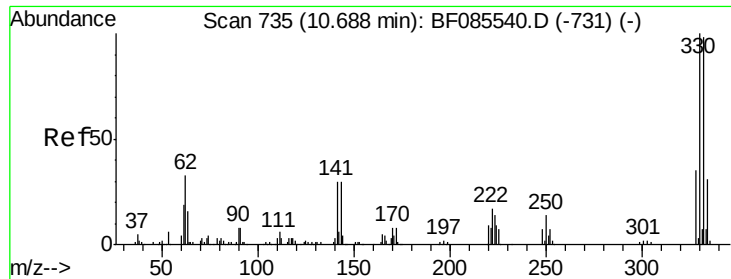
162 102.7 82.1 123.1

160 47.4 37.4 56.2



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

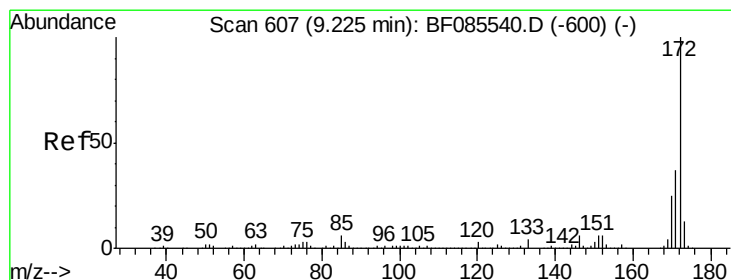
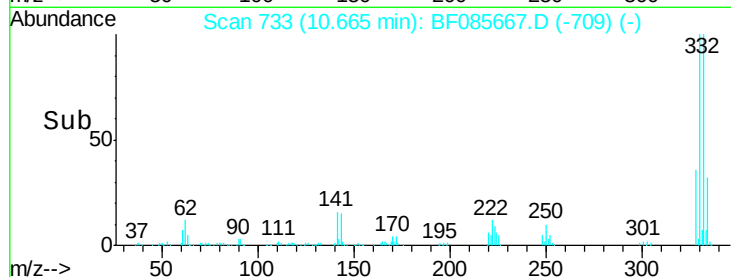
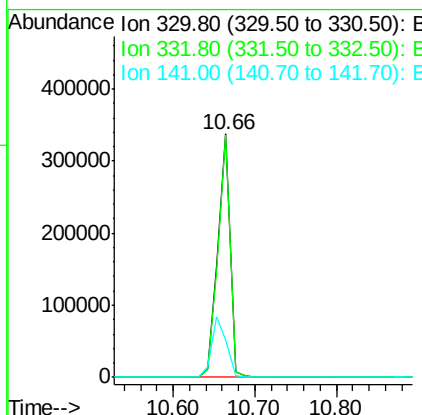
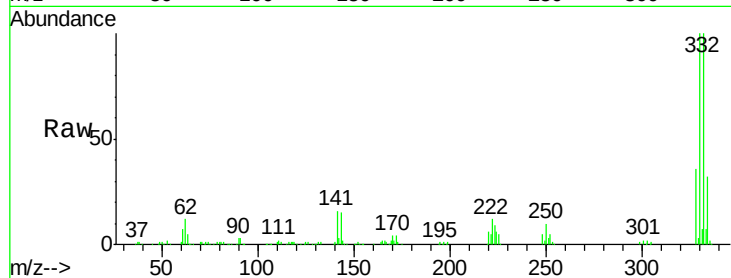




#41
 2,4,6-Tribromophenol
 Concen: 149.58 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

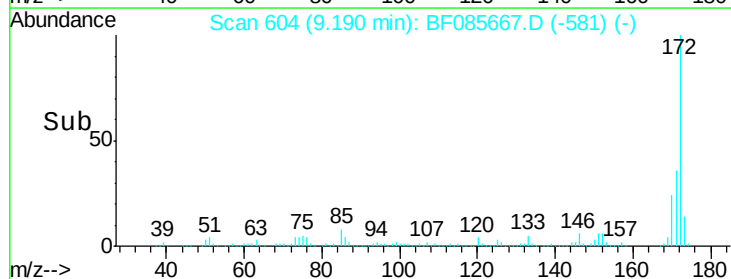
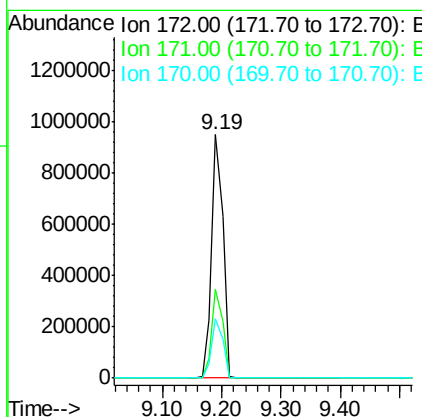
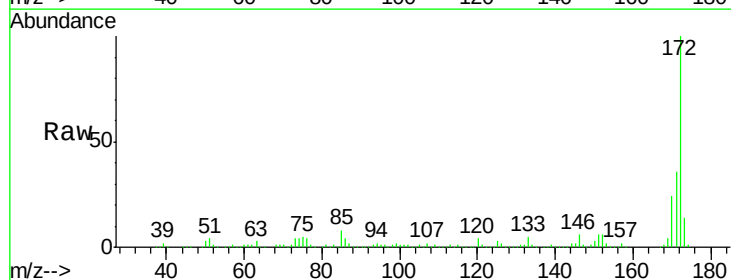
Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

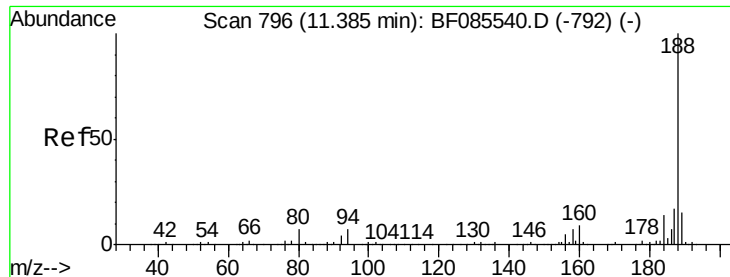
Tgt Ion:330 Resp: 355806
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.2 117.2
 141 30.2 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 89.89 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Tgt Ion:172 Resp: 1261152
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.4 19.8 29.6

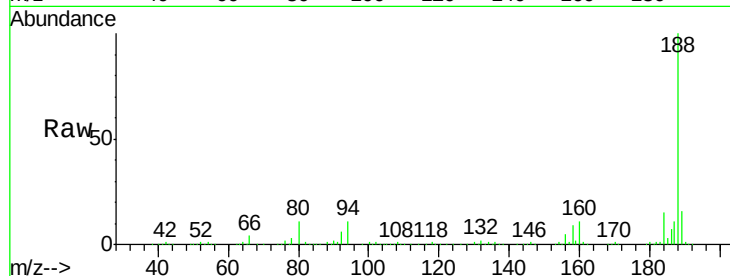




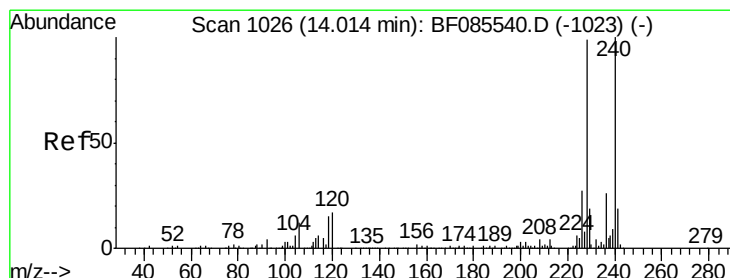
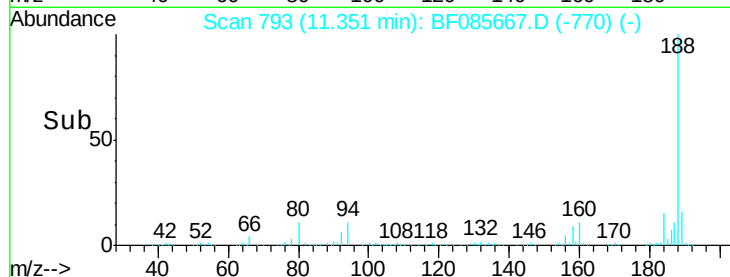
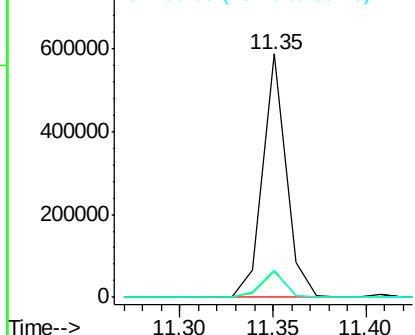
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085667.D
Acq: 22 Mar 2016 19:15

Instrument :
BNA_F
ClientSampleId :
PB89081BL

Tgt Ion:188 Resp: 511422
Ion Ratio Lower Upper
188 100
94 10.6 5.4 8.0#
80 11.3 5.5 8.3#

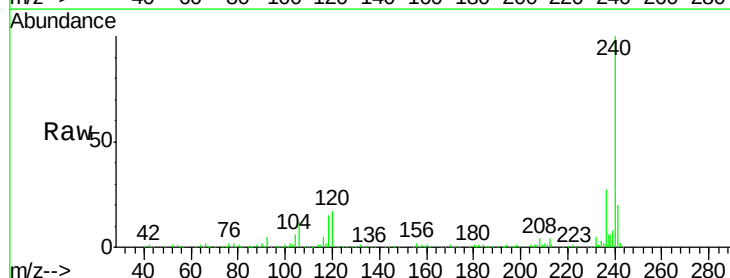


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

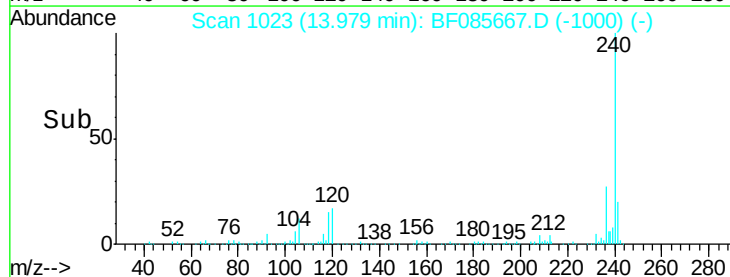
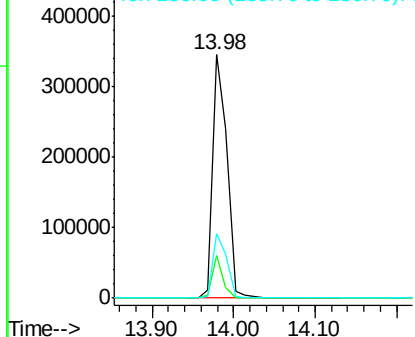


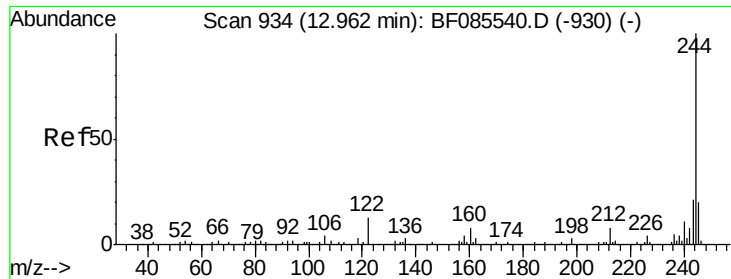
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085667.D
Acq: 22 Mar 2016 19:15

Tgt Ion:240 Resp: 422541
Ion Ratio Lower Upper
240 100
120 17.4 13.8 20.8
236 26.6 20.6 30.8



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

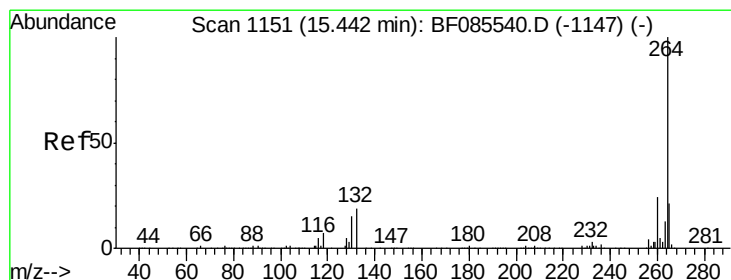
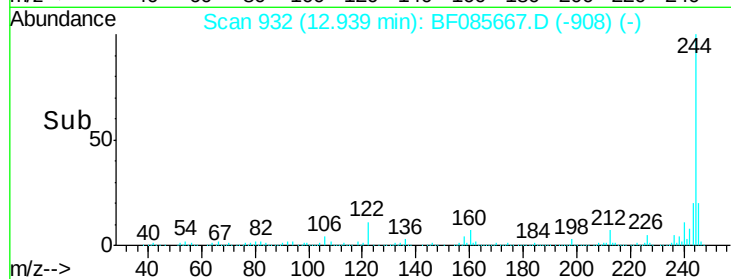
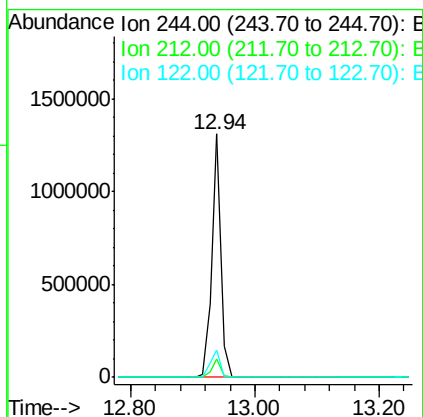
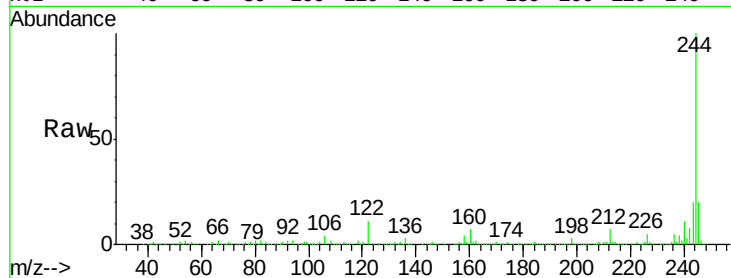




#78
 Terphenyl-d14
 Concen: 74.51 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Tgt Ion:244 Resp: 1308351
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.3 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Tgt Ion:264 Resp: 319959
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.5 17.2 25.8

