

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085881.D
 Acq On : 30 Mar 2016 12:51
 Operator : UM/SJ
 Sample : PB89268BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BL

Quant Time: Mar 31 01:32:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	92575	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	390700	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	175755	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342718	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	282662	20.00	ng	-0.01
86) Perylene-d12	15.37	264	204820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	684154	123.08	ng	0.00
7) Phenol-d6	6.44	99	839101	118.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	535889	77.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	246704	147.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	997165	94.79	ng	-0.01
78) Terphenyl-d14	12.91	244	904666	65.82	ng	0.00

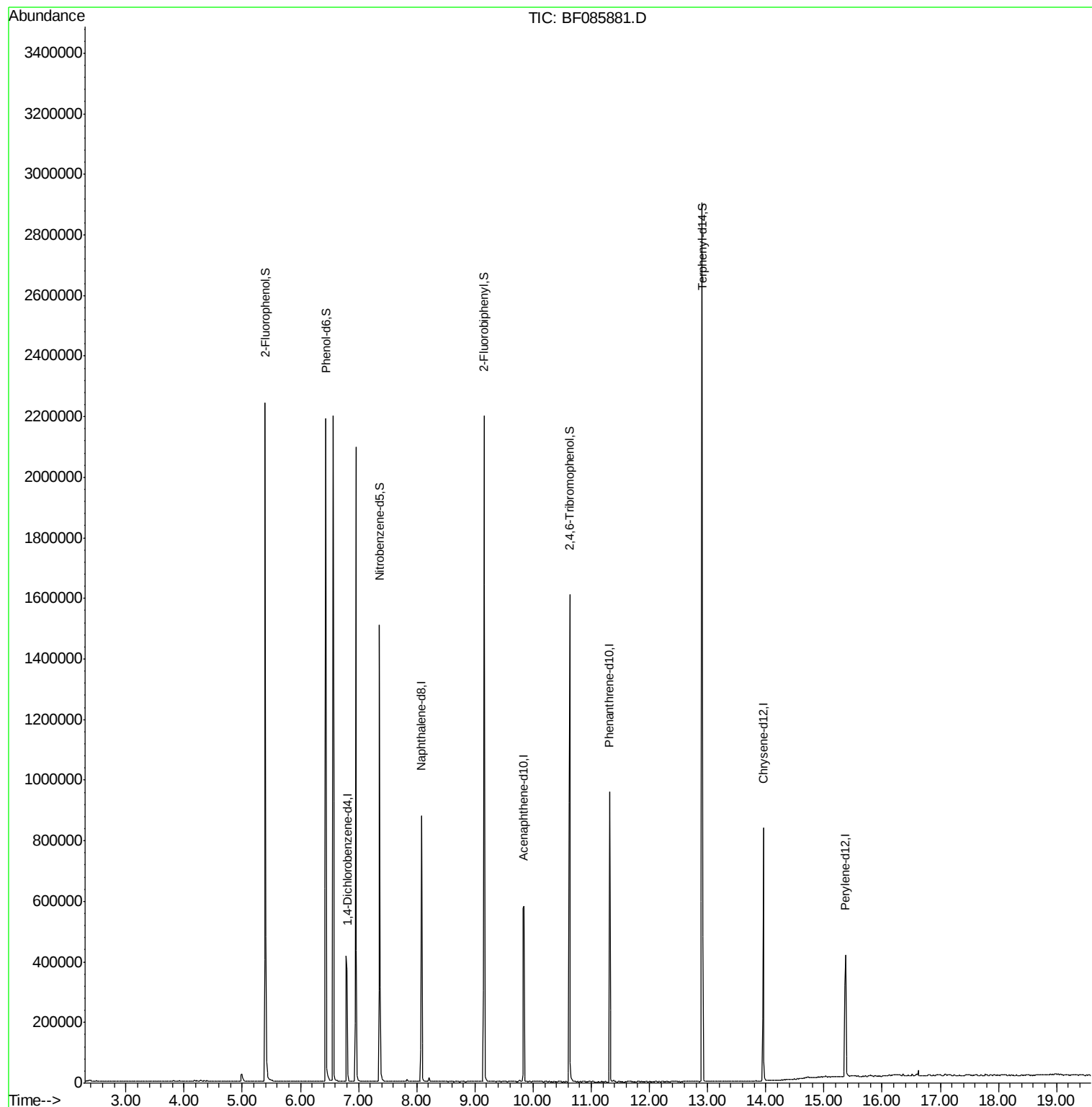
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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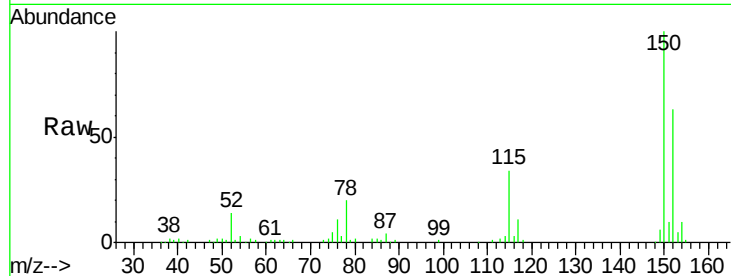


#1

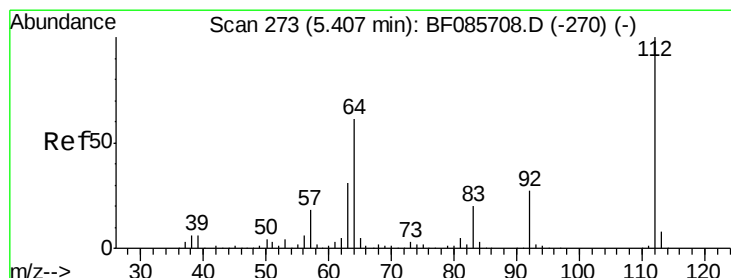
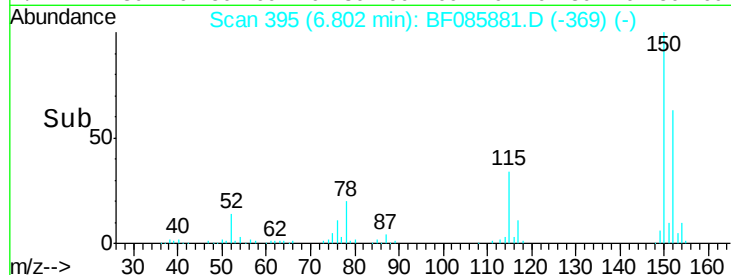
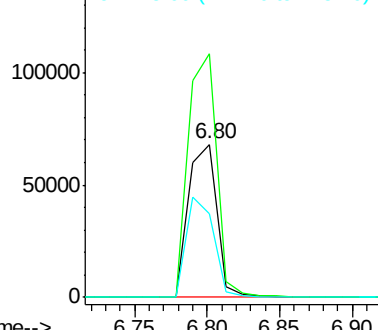
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BL

Tgt Ion:152 Resp: 92575
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.2 186.2
 115 54.6 47.0 70.6



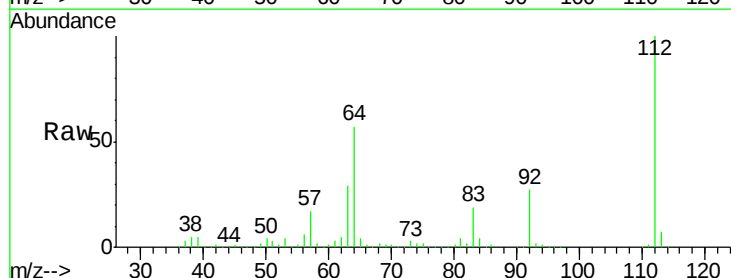
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



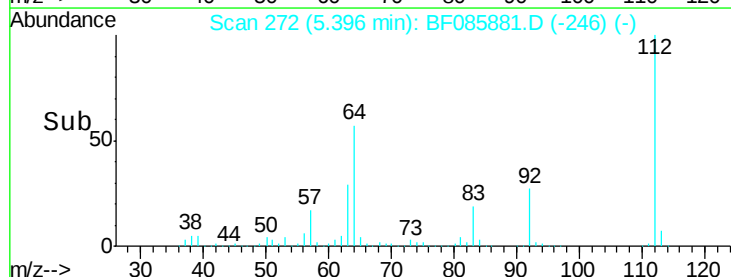
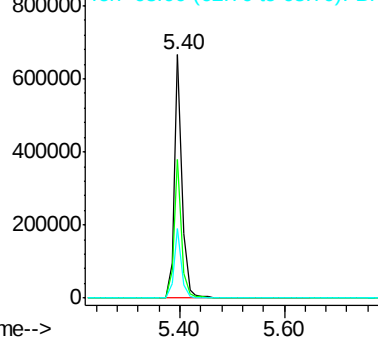
#5

2-Fluorophenol
 Concen: 123.08 ng
 RT: 5.40 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Tgt Ion:112 Resp: 684154
 Ion Ratio Lower Upper
 112 100
 64 56.9 39.9 59.9
 63 28.7 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: 118.73 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085881.D

Acq: 30 Mar 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB89268BL

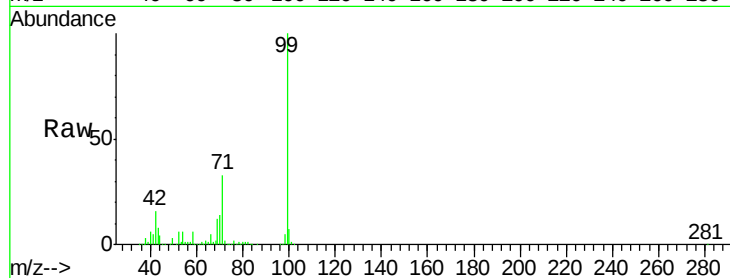
Tgt Ion: 99 Resp: 839101

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

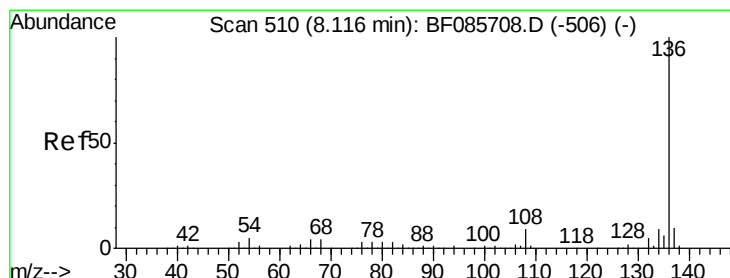
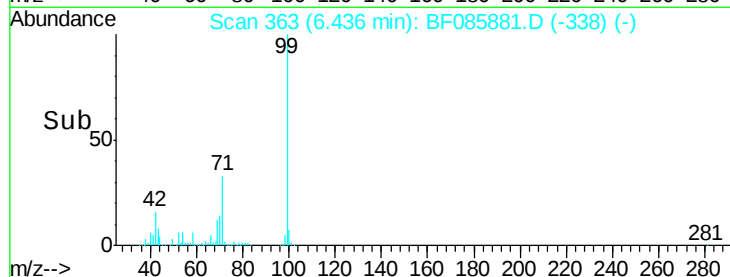
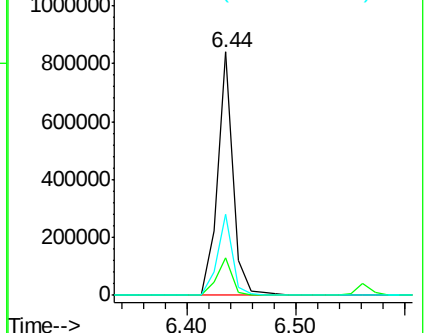
71 33.4 24.9 37.3



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: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085881.D

Acq: 30 Mar 2016 12:51

Tgt Ion: 136 Resp: 390700

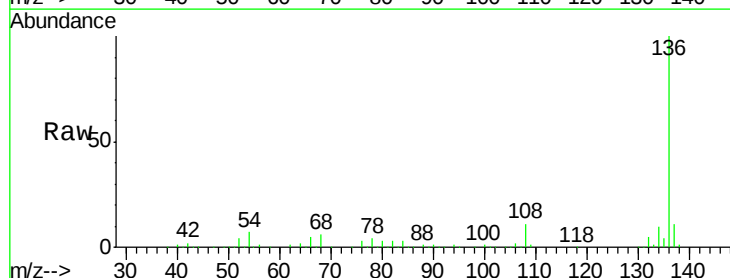
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 7.4 11.0#

68 5.9 5.8 8.8

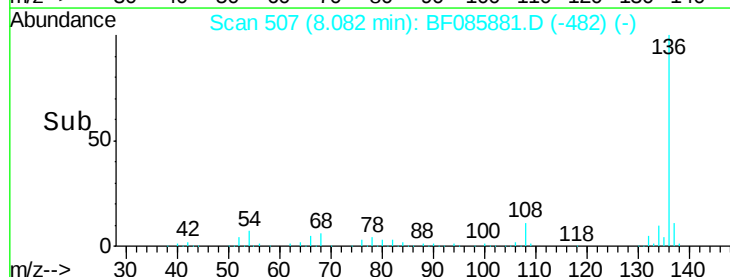
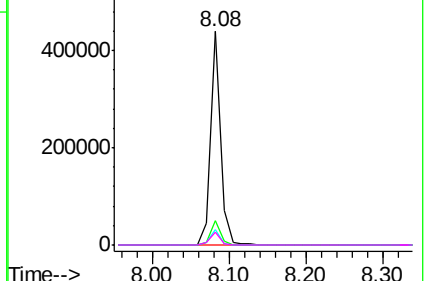


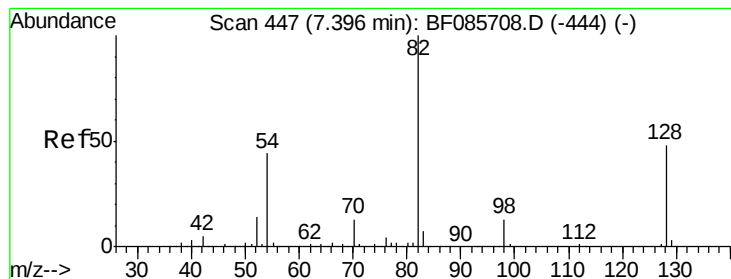
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.24 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085881.D

Acq: 30 Mar 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB89268BL

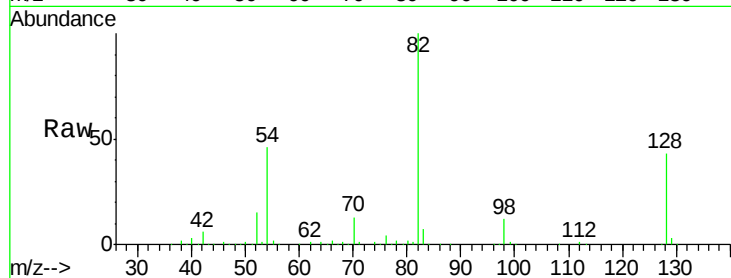
Tgt Ion: 82 Resp: 535889

Ion Ratio Lower Upper

82 100

128 43.4 41.8 62.8

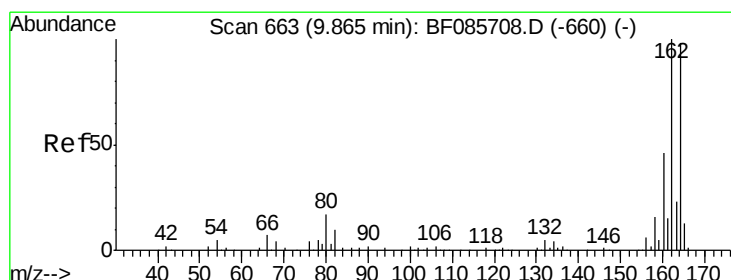
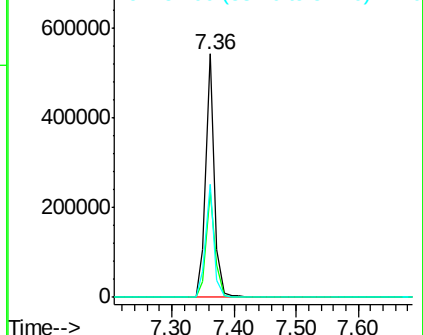
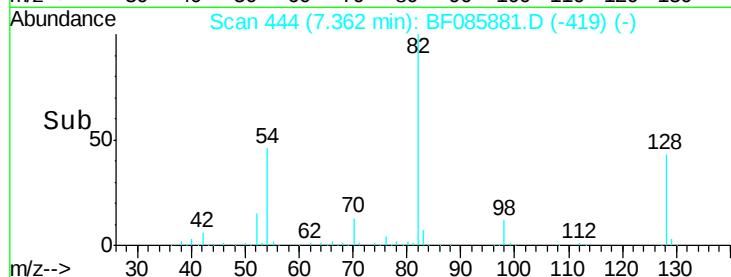
54 46.4 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085881.D

Acq: 30 Mar 2016 12:51

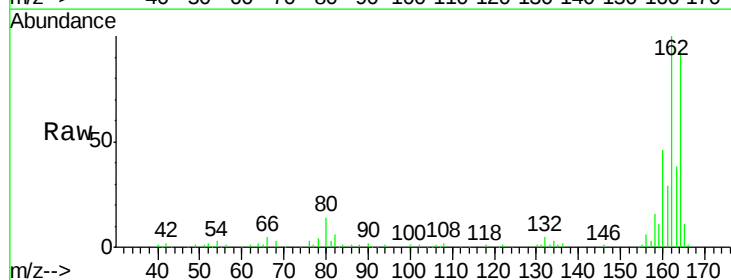
Tgt Ion: 164 Resp: 175755

Ion Ratio Lower Upper

164 100

162 107.1 82.1 123.1

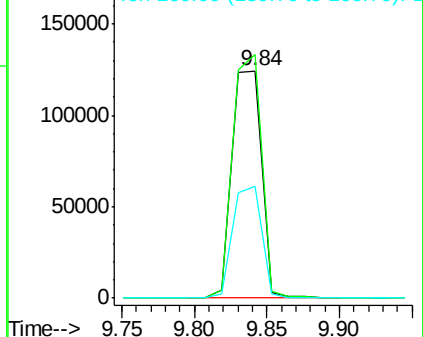
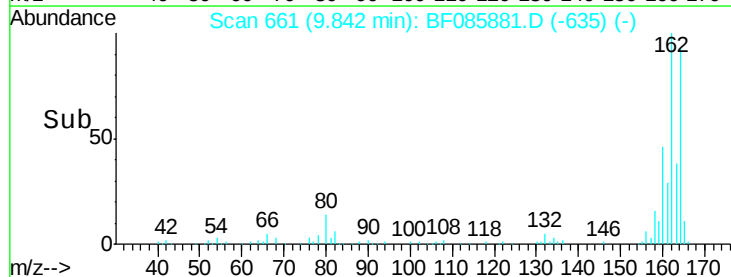
160 49.2 37.4 56.2

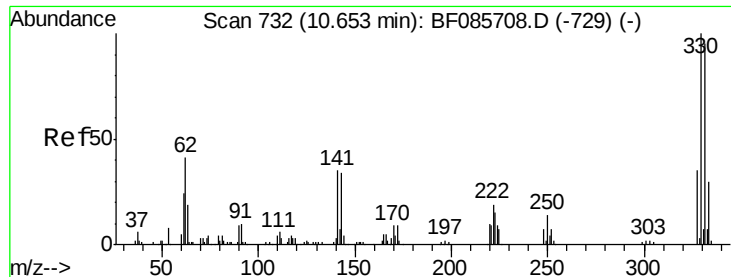


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

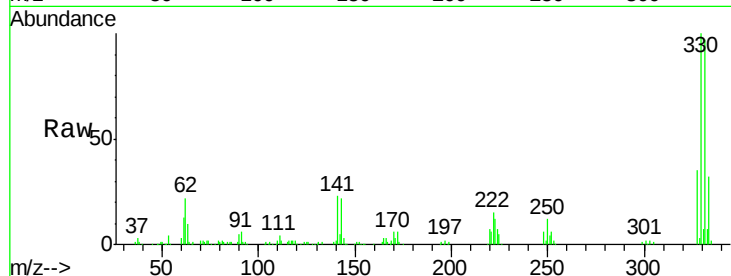




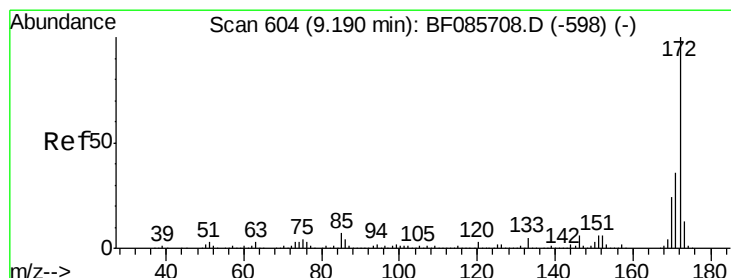
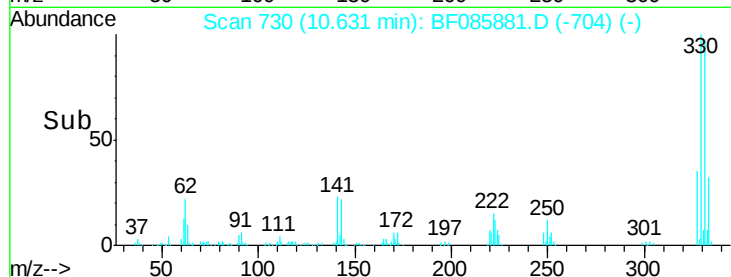
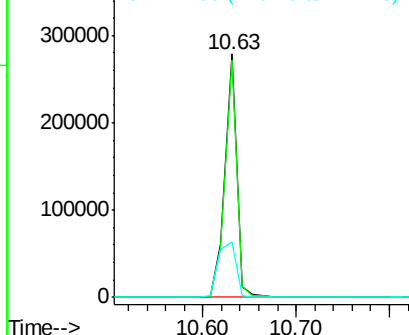
#41
 2,4,6-Tribromophenol
 Concen: 147.74 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	34.6	31.5	47.3

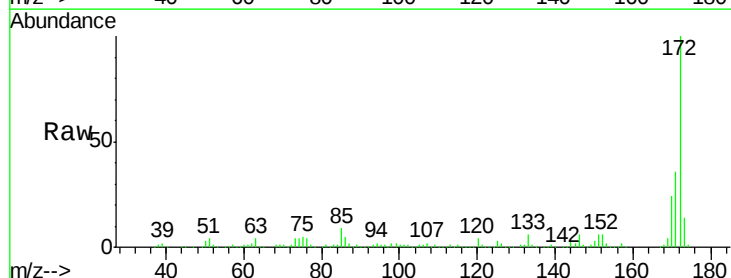


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

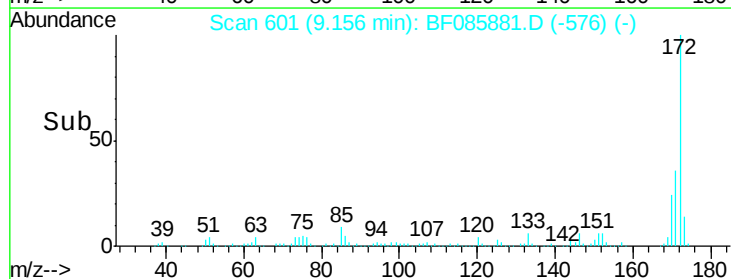
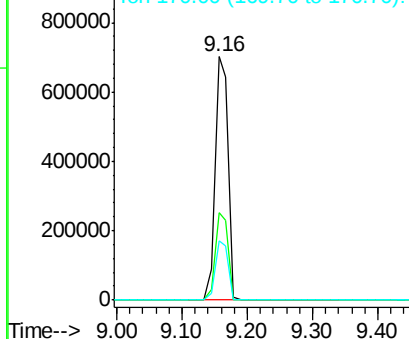


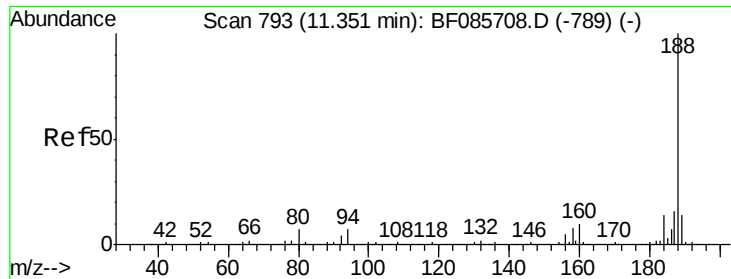
#44
 2-Fluorobiphenyl
 Concen: 94.79 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.4	19.8	29.6



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

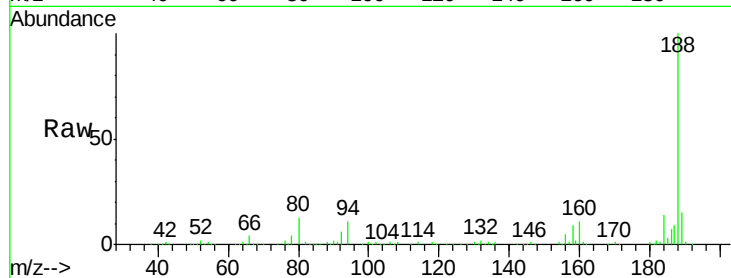




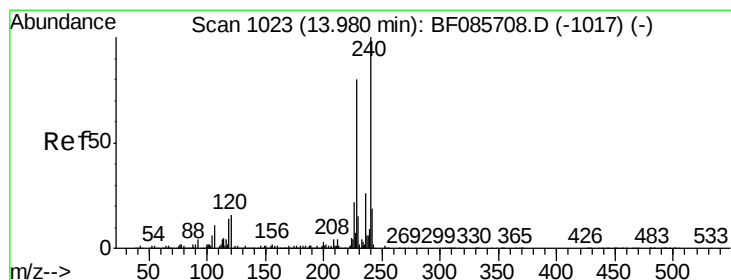
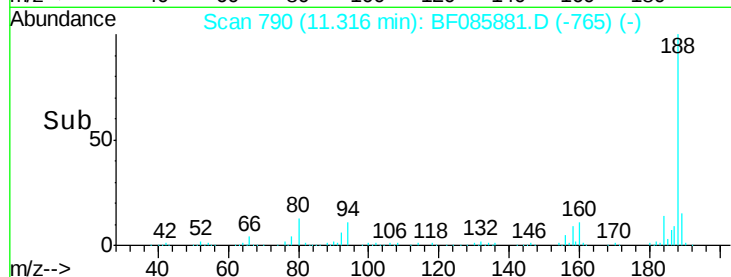
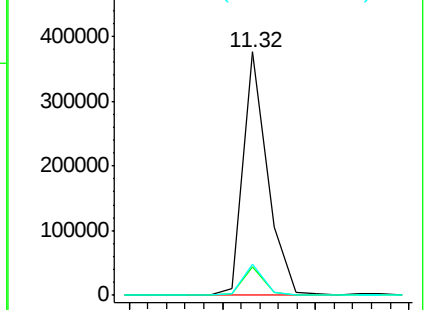
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085881.D
Acq: 30 Mar 2016 12:51

Instrument :
BNA_F
ClientSampleId :
PB89268BL

Tgt Ion:188 Resp: 342718
Ion Ratio Lower Upper
188 100
94 11.5 5.4 8.0#
80 12.8 5.5 8.3#

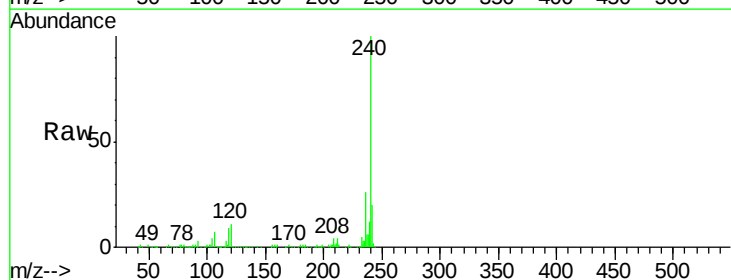


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

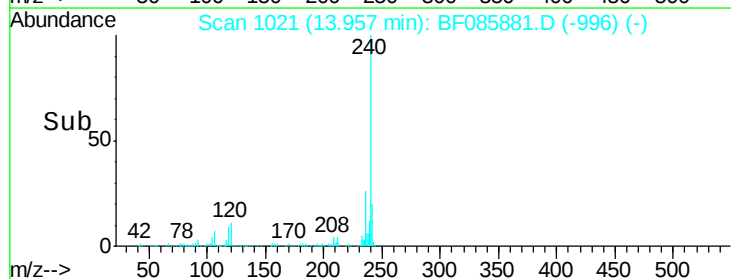
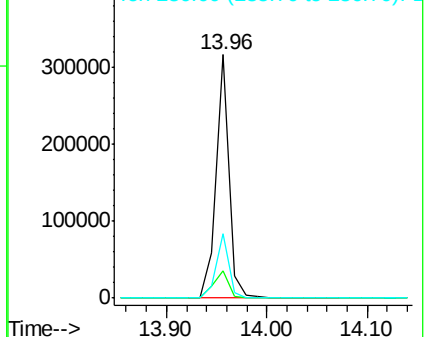


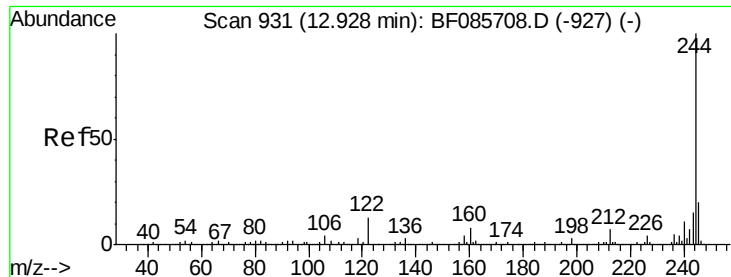
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085881.D
Acq: 30 Mar 2016 12:51

Tgt Ion:240 Resp: 282662
Ion Ratio Lower Upper
240 100
120 11.1 13.8 20.8#
236 26.4 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

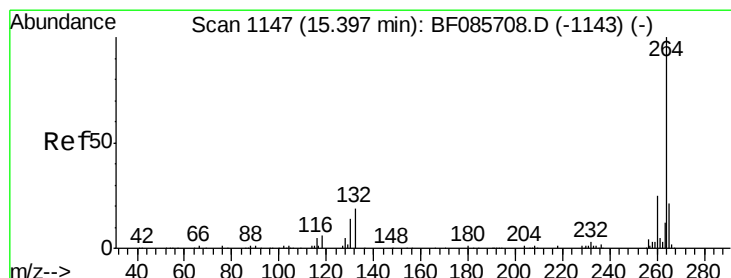
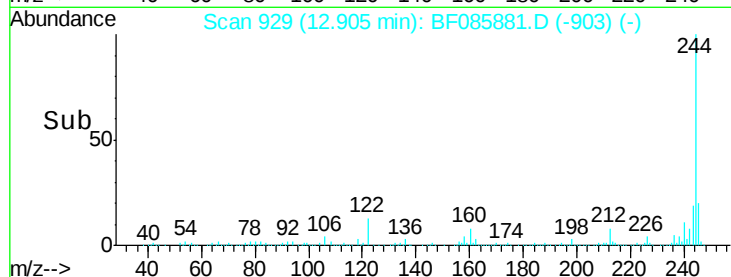
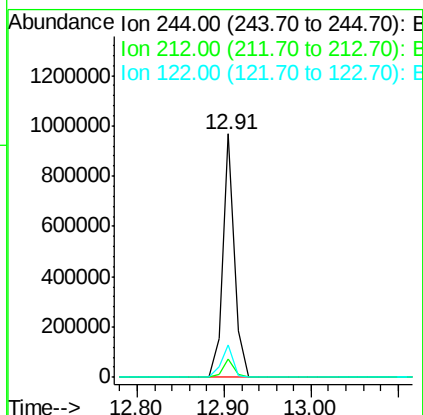
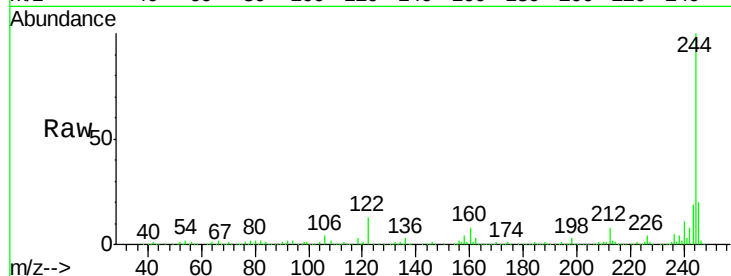




#78
 Terphenyl-d14
 Concen: 65.82 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Instrument :
 BNA_F
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 PB89268BL

Tgt Ion:244 Resp: 904666
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085881.D
 Acq: 30 Mar 2016 12:51

Tgt Ion:264 Resp: 204820
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 17.2 25.8

