

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082593.D
 Acq On : 31 Oct 2015 1:32
 Operator : UM/IZ
 Sample : PB86301BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

Quant Time: Oct 31 04:02:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182227	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	723400	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	371938	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	689109	20.00	ng	0.00
75) Chrysene-d12	14.07	240	531403	20.00	ng	-0.01
86) Perylene-d12	15.52	264	406615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1308362	108.14	ng	0.01
7) Phenol-d6	6.53	99	1945034	121.01	ng	0.00
23) Nitrobenzene-d5	7.46	82	1240083	70.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	551241	135.42	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2207501	84.27	ng	0.00
78) Terphenyl-d14	13.02	244	1952394	80.40	ng	0.00

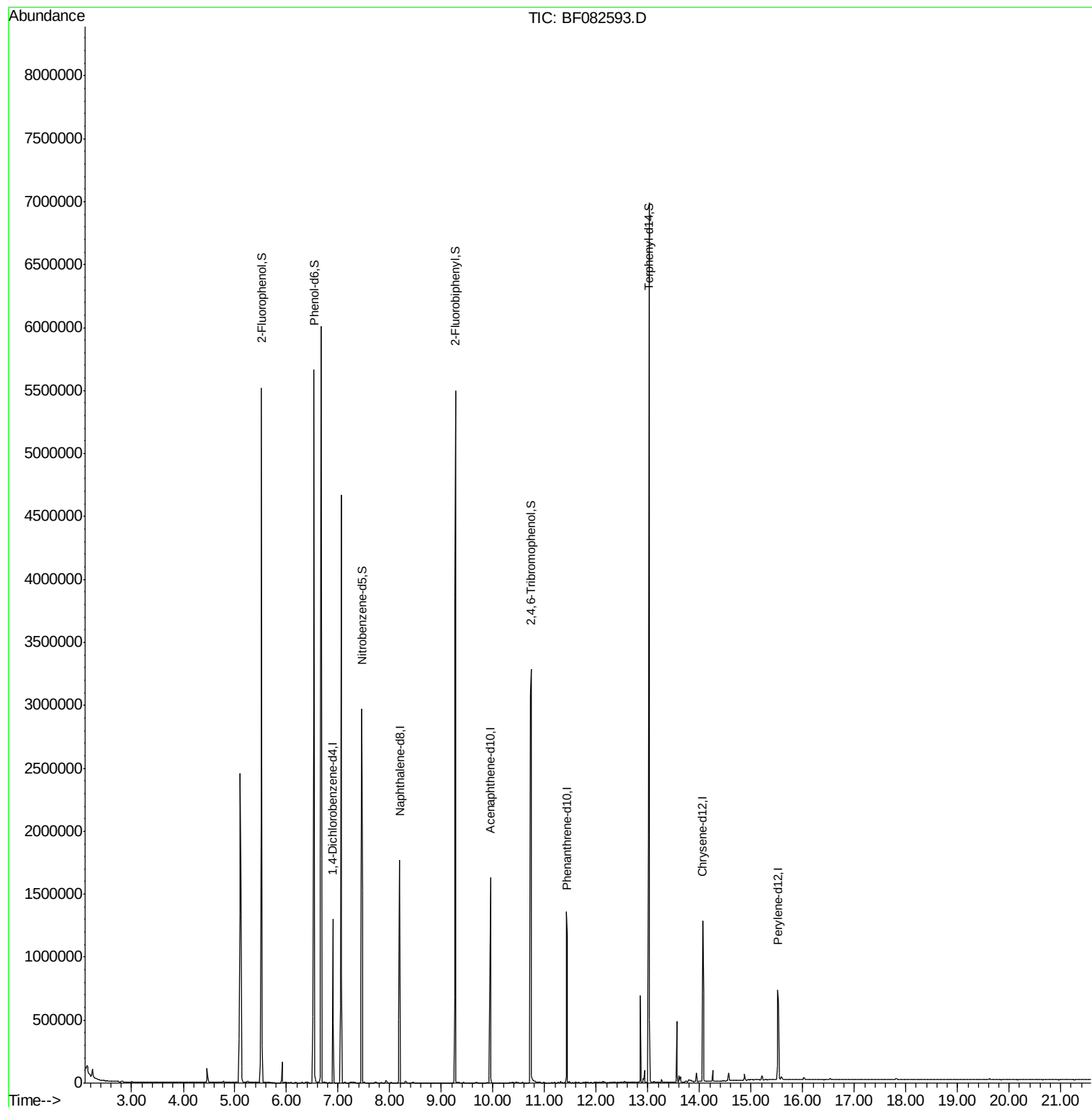
Target Compounds	Qvalue
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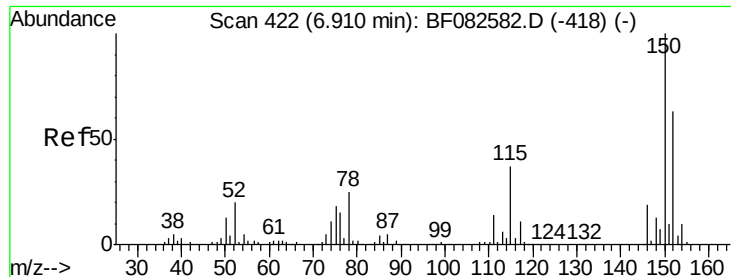
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB86301BL

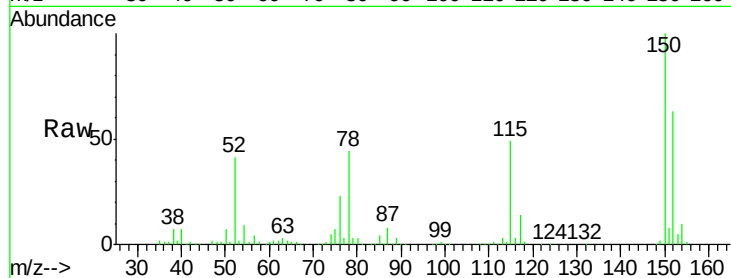
Tgt Ion:152 Resp: 182227

Ion Ratio Lower Upper

152 100

150 157.7 127.0 190.4

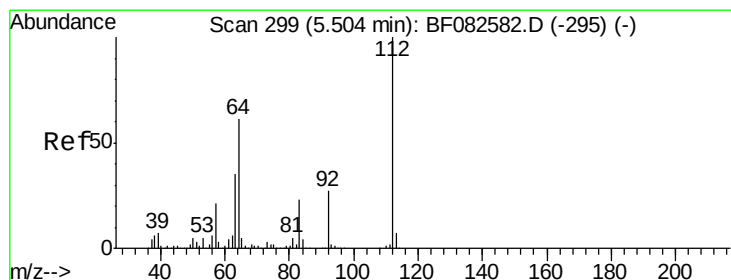
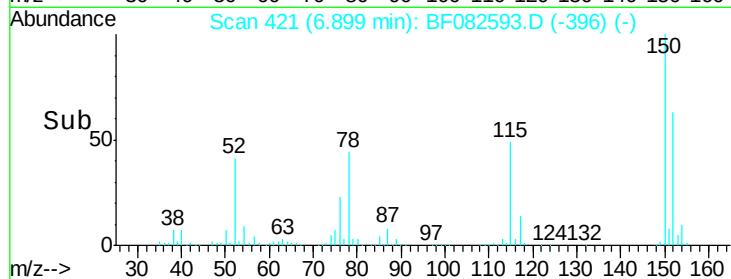
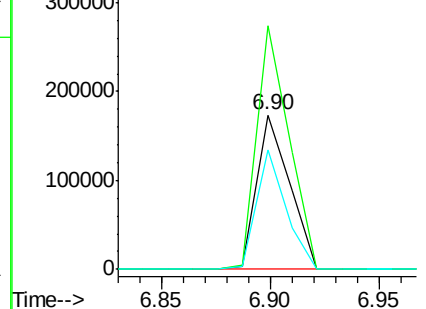
115 77.7 47.0 70.6#



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: 108.14 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

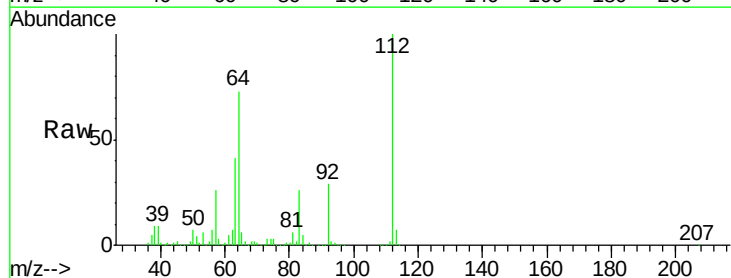
Tgt Ion:112 Resp: 1308362

Ion Ratio Lower Upper

112 100

64 73.5 48.9 73.3#

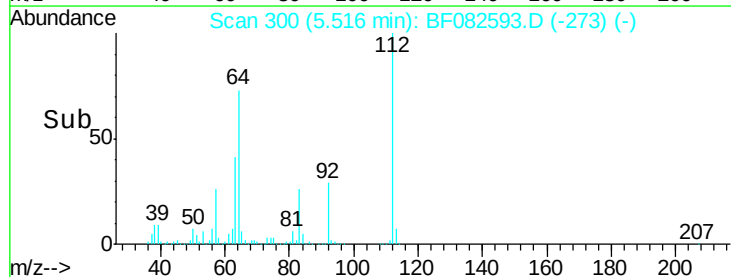
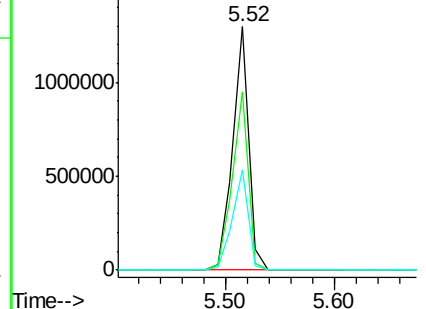
63 41.4 28.1 42.1

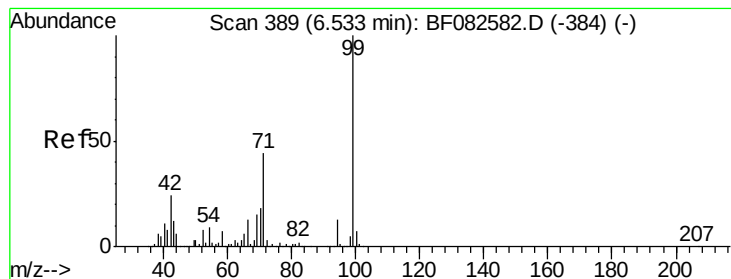


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.01 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB86301BL

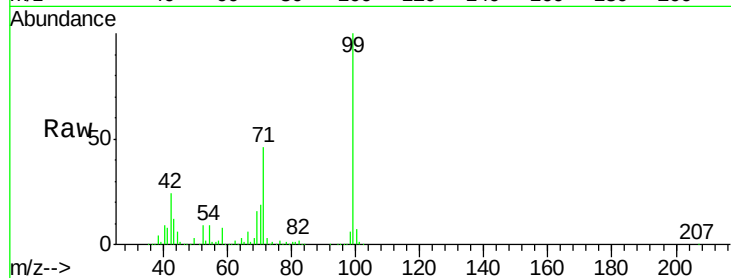
Tgt Ion: 99 Resp: 1945034

Ion Ratio Lower Upper

99 100

42 23.8 19.2 28.8

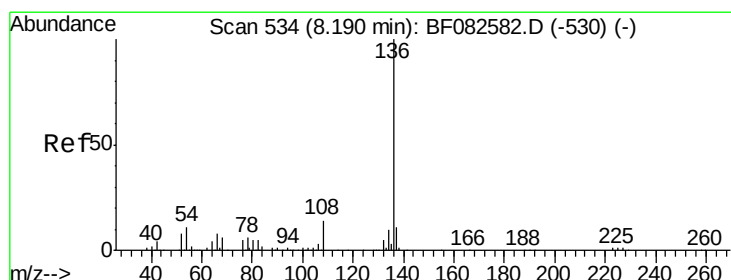
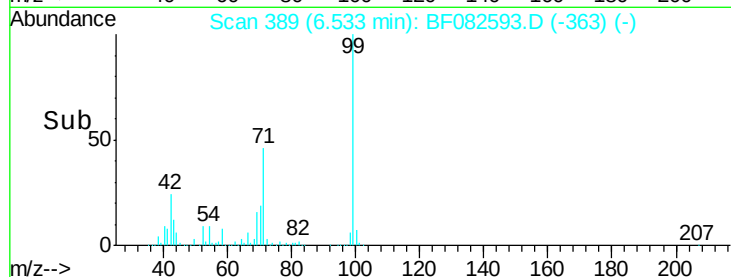
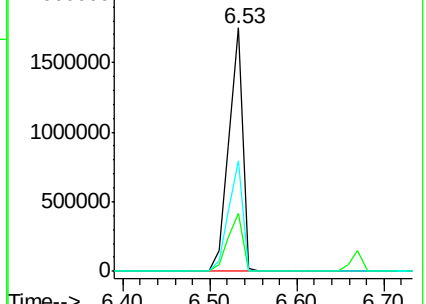
71 45.5 35.0 52.4



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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

Tgt Ion: 136 Resp: 723400

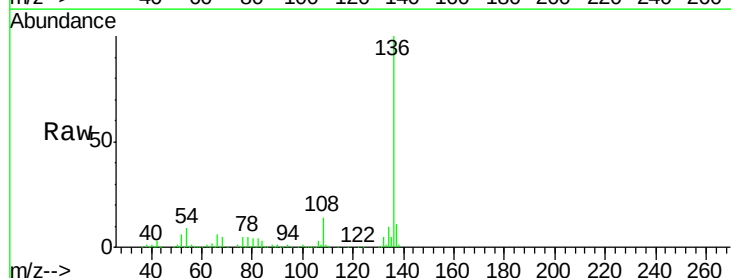
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 9.1 13.7#

68 5.2 4.8 7.2

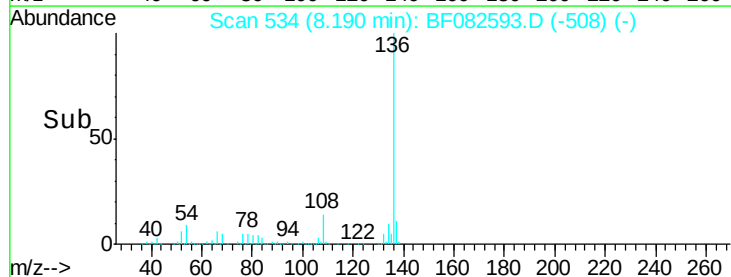
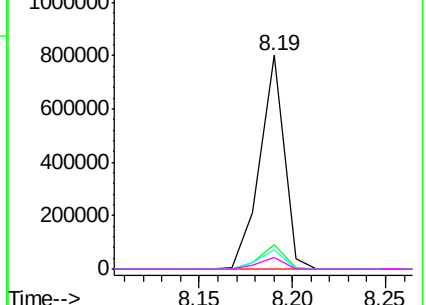


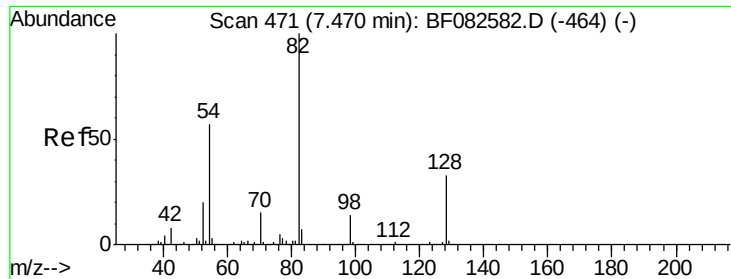
Abundance Ion 136.00 (135.70 to 136.70): E

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

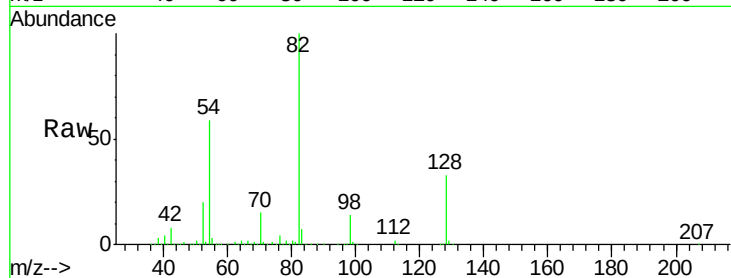




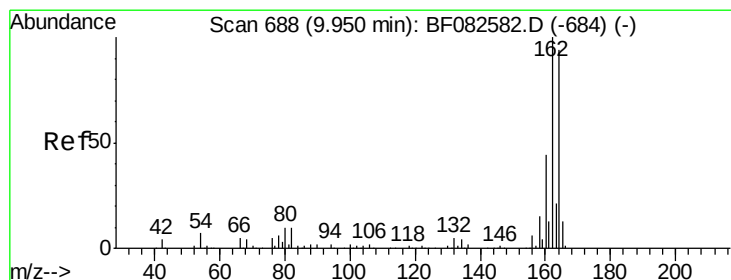
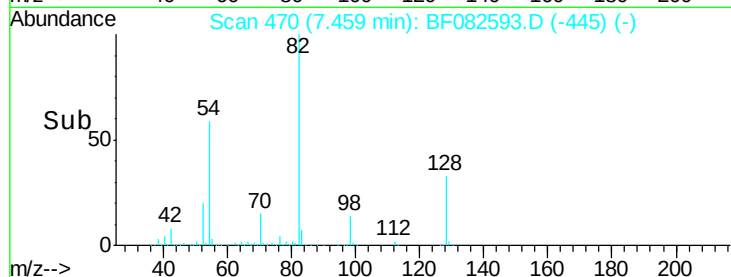
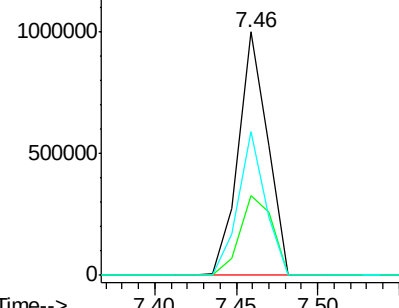
#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082593.D
 Acq: 31 Oct 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

Tgt Ion: 82 Resp: 1240083
 Ion Ratio Lower Upper
 82 100
 128 32.8 26.8 40.2
 54 59.1 45.7 68.5

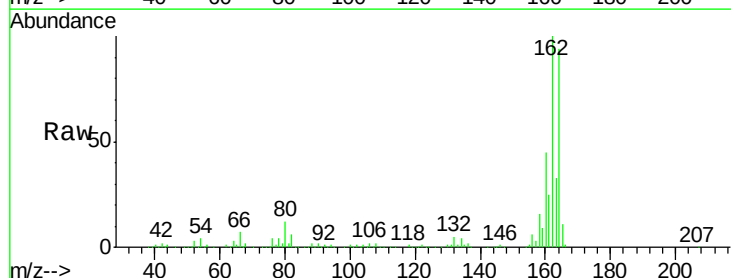


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

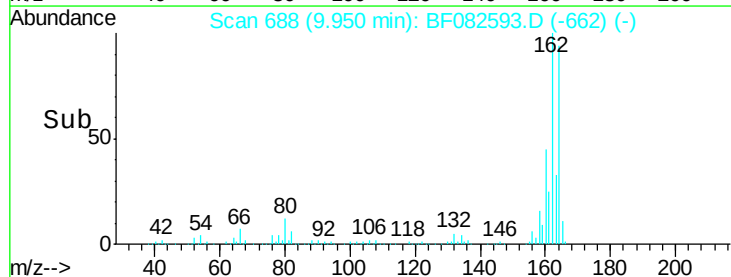
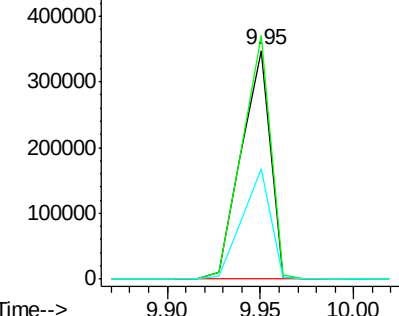


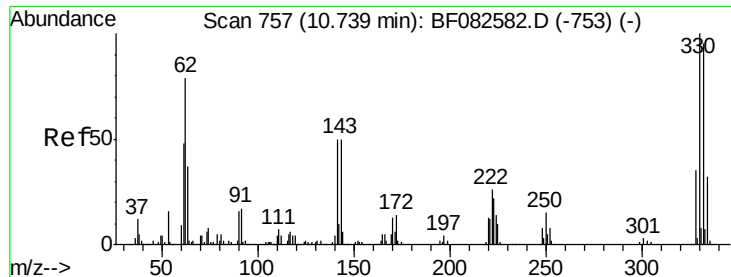
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082593.D
 Acq: 31 Oct 2015 1:32

Tgt Ion: 164 Resp: 371938
 Ion Ratio Lower Upper
 164 100
 162 106.6 84.9 127.3
 160 48.3 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

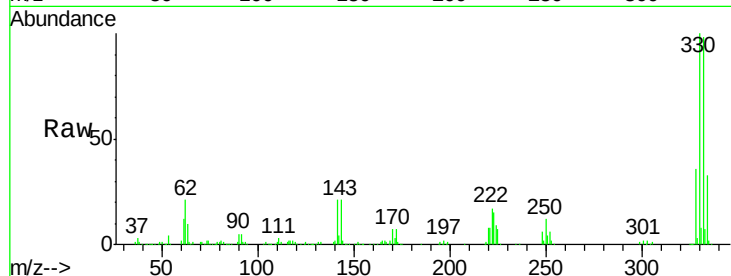




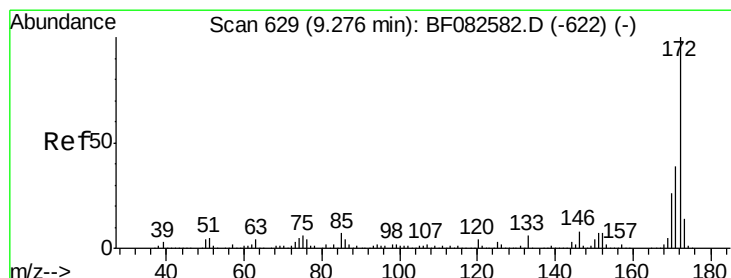
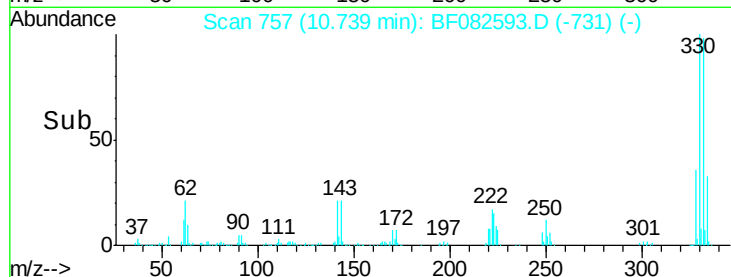
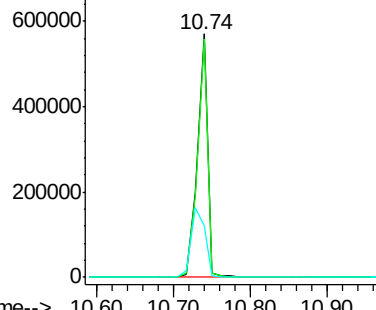
#41
 2,4,6-Tribromophenol
 Concen: 135.42 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082593.D
 Acq: 31 Oct 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BL

Tgt Ion:330 Resp: 551241
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 38.0 41.2 61.8#

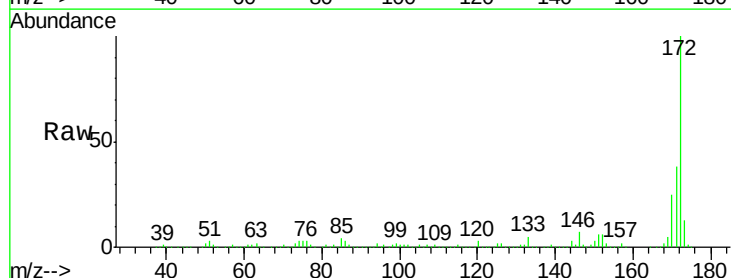


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

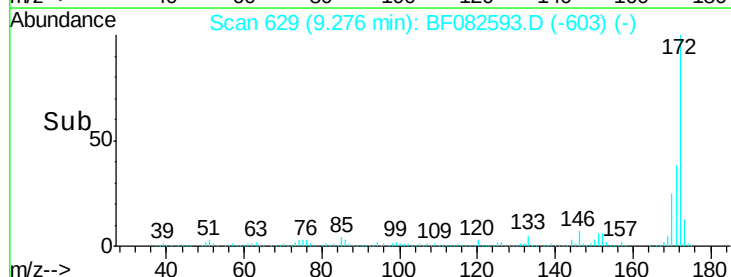
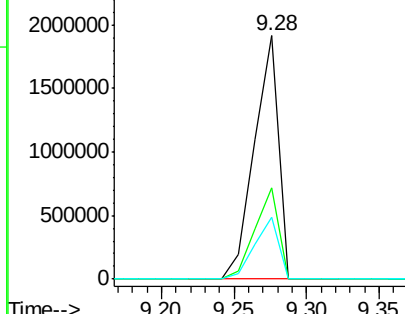


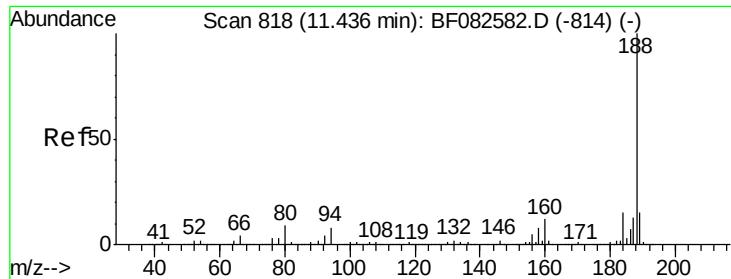
#44
 2-Fluorobiphenyl
 Concen: 84.27 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082593.D
 Acq: 31 Oct 2015 1:32

Tgt Ion:172 Resp: 2207501
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.4 21.2 31.8



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

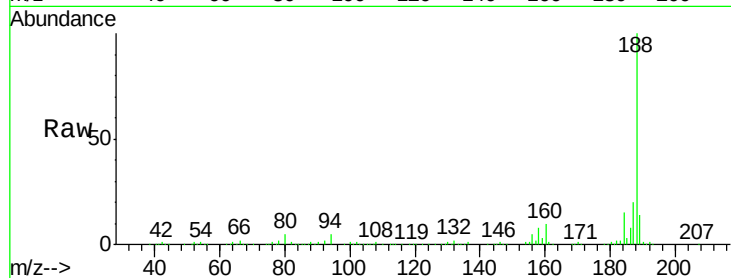




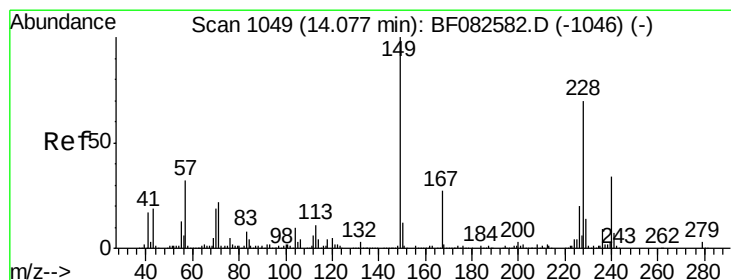
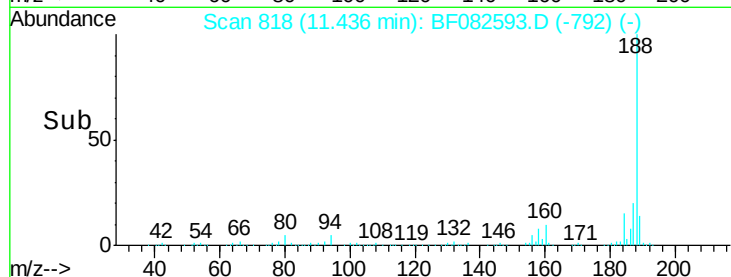
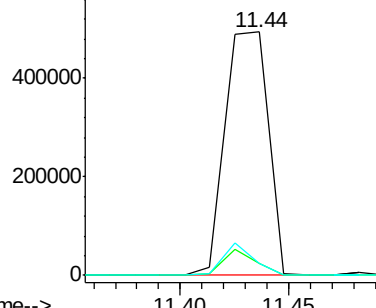
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082593.D
Acq: 31 Oct 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB86301BL

Tgt Ion:188 Resp: 689109
Ion Ratio Lower Upper
188 100
94 4.8 6.1 9.1#
80 4.8 7.0 10.6#

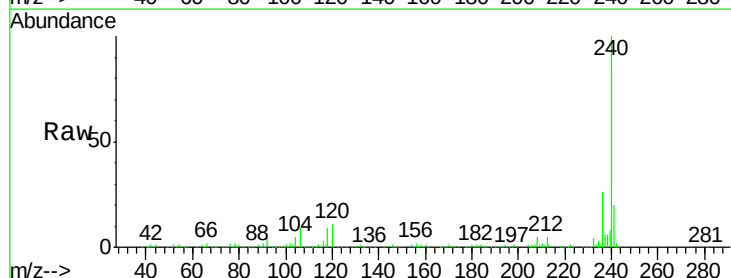


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

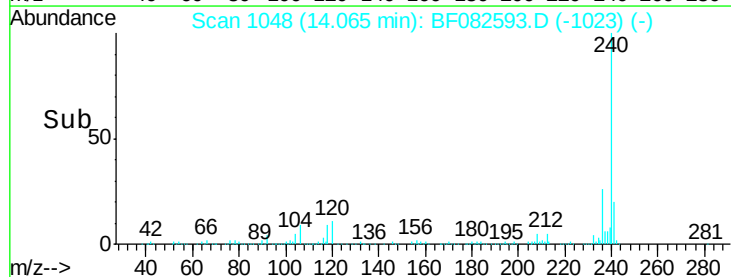
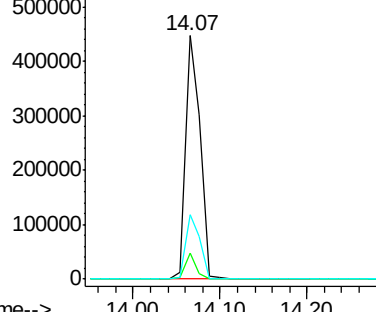


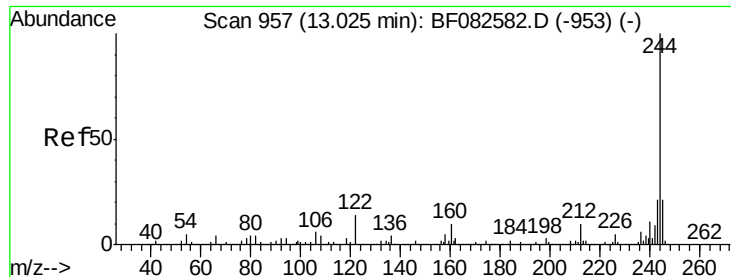
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF082593.D
Acq: 31 Oct 2015 1:32

Tgt Ion:240 Resp: 531403
Ion Ratio Lower Upper
240 100
120 10.9 10.9 16.3
236 26.3 21.6 32.4



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: 80.40 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

Instrument :

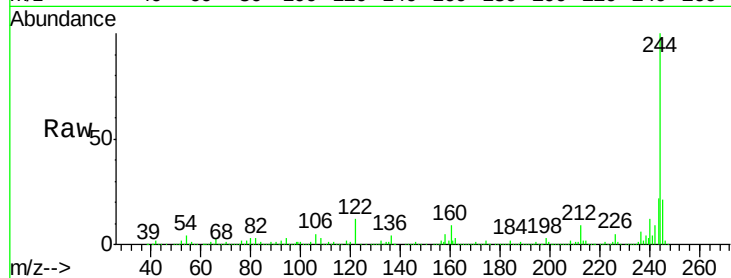
BNA_F

ClientSampleId :

PB86301BL

Tgt Ion:244 Resp: 1952394

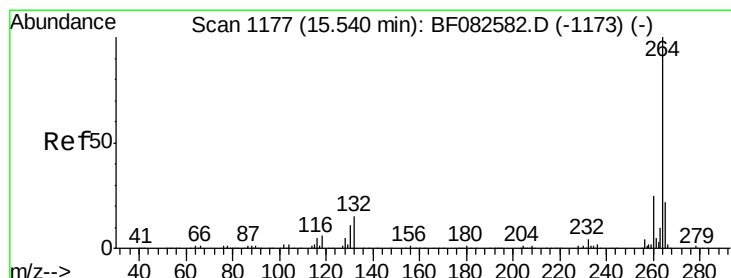
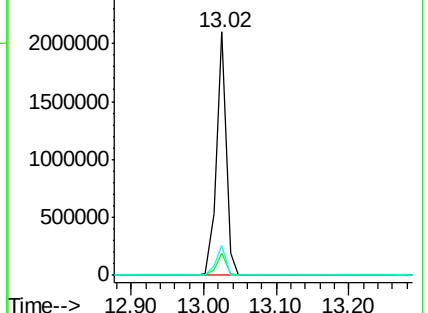
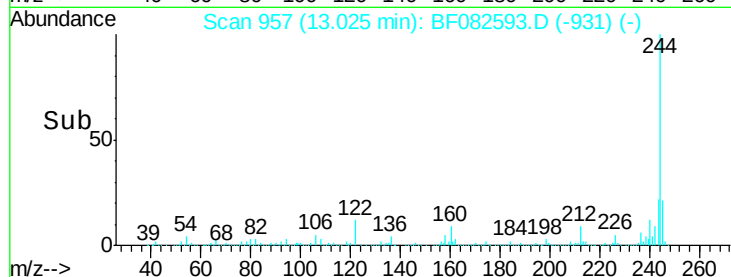
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	12.2	11.3	16.9



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: 15.52 min Scan# 1175

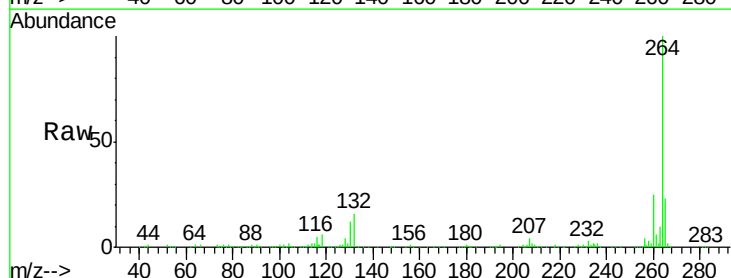
Delta R.T. -0.02 min

Lab File: BF082593.D

Acq: 31 Oct 2015 1:32

Tgt Ion:264 Resp: 406615

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	23.2	17.4	26.0



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

