

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082591.D
 Acq On : 31 Oct 2015 00:33
 Operator : UM/IZ
 Sample : PB86326BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

Quant Time: Oct 31 03:55:00 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	183994	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	745380	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	383440	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	702296	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	556178	20.00	ng	-0.01
86) Perylene-d12	15.52	264	433295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	996219	81.55	ng	0.01
7) Phenol-d6	6.52	99	1174789	72.39	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1242162	68.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	324980	77.44	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2197247	81.36	ng	0.00
78) Terphenyl-d14	13.03	244	1916976	75.43	ng	0.00

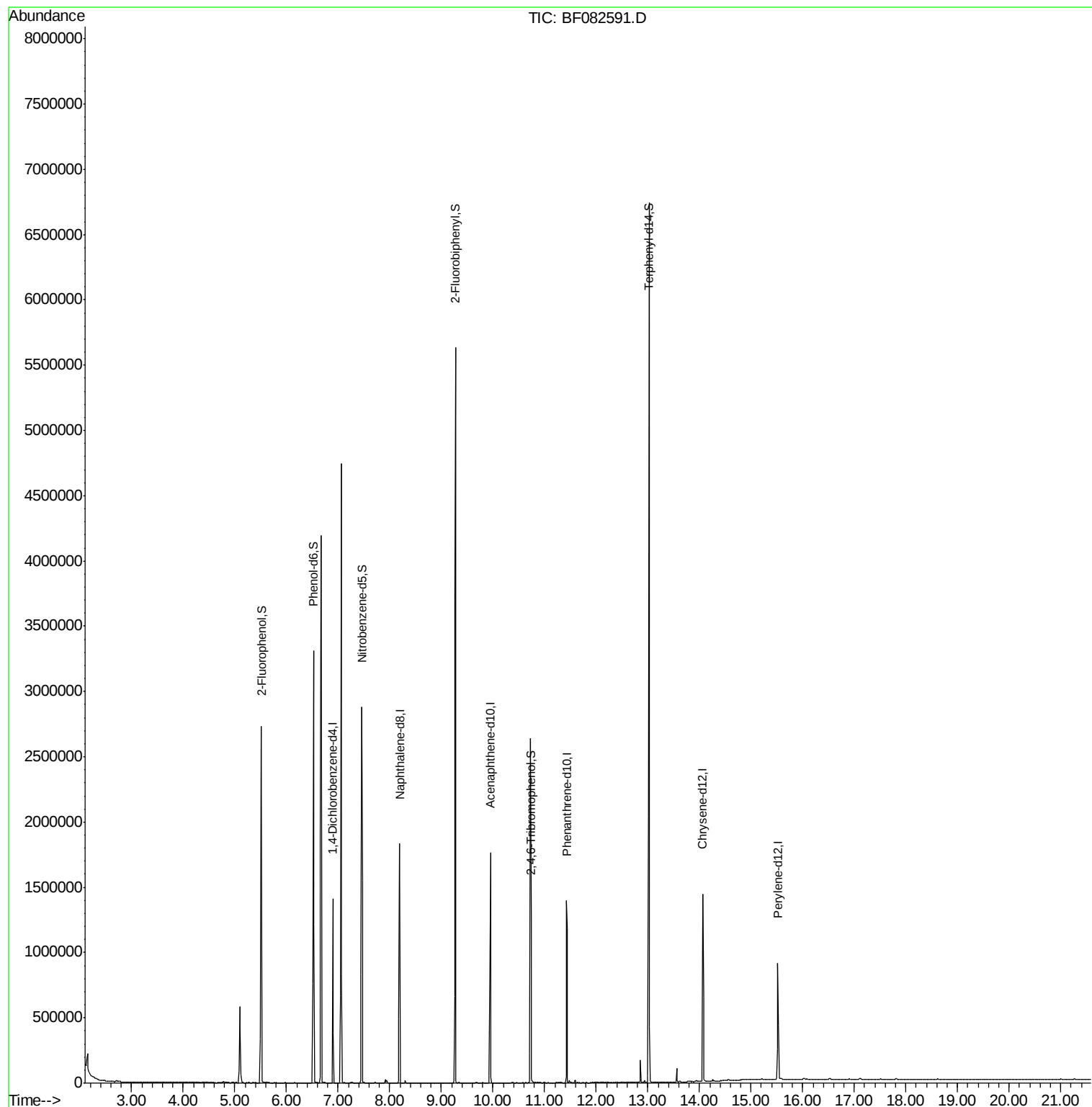
Target Compounds	Qvalue
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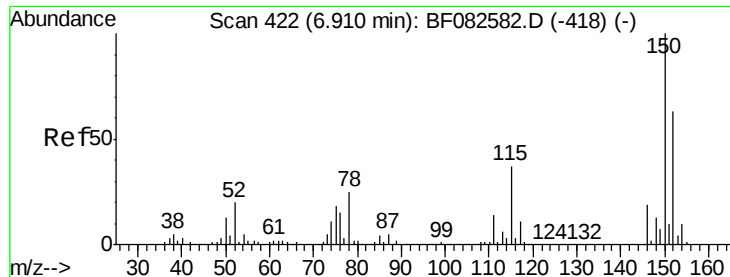
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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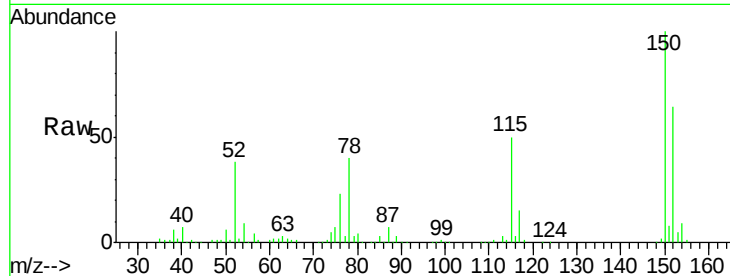


#1

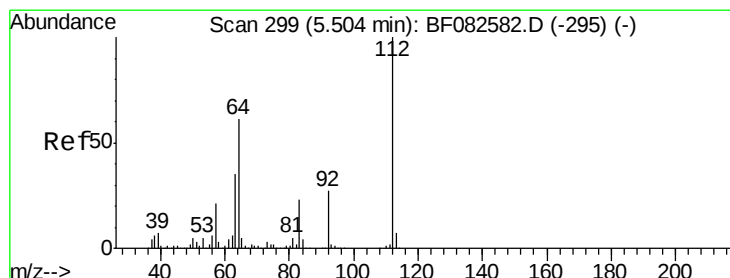
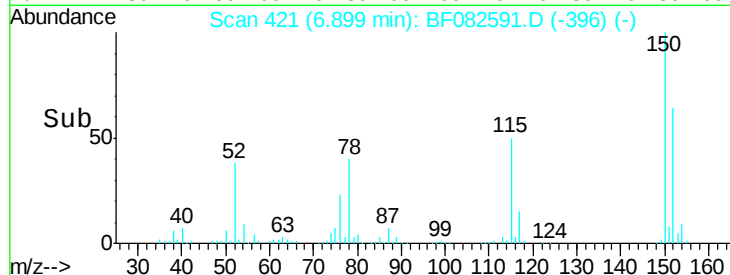
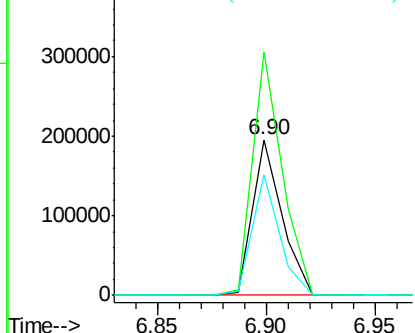
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082591.D
Acq: 31 Oct 2015 00:33

Instrument :
BNA_F
ClientSampleId :
PB86326BL

Tgt Ion:152 Resp: 183994
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.4
115 77.5 47.0 70.6#



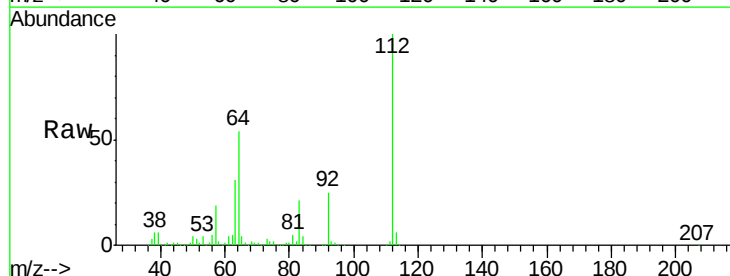
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



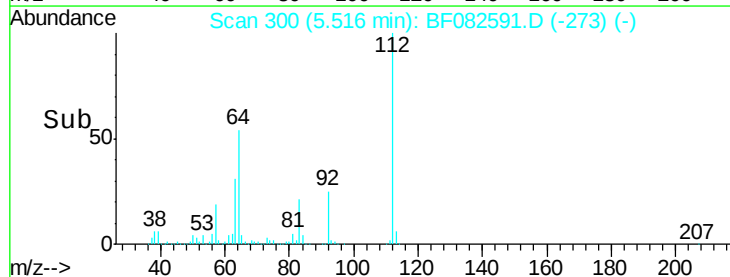
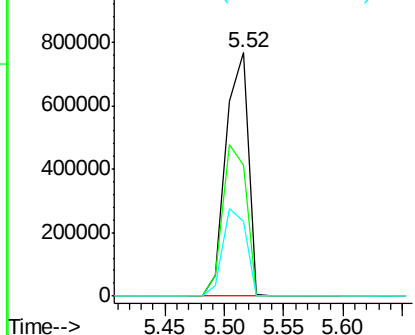
#5

2-Fluorophenol
Concen: 81.55 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082591.D
Acq: 31 Oct 2015 00:33

Tgt Ion:112 Resp: 996219
Ion Ratio Lower Upper
112 100
64 54.1 48.9 73.3
63 30.9 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: 72.39 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082591.D

Acq: 31 Oct 2015 00:33

Instrument :

BNA_F

ClientSampleId :

PB86326BL

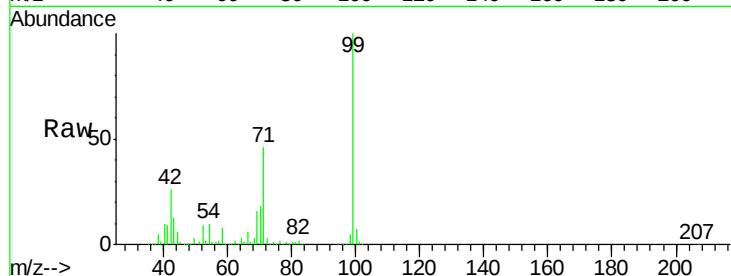
Tgt Ion: 99 Resp: 1174789

Ion Ratio Lower Upper

99 100

42 26.2 19.2 28.8

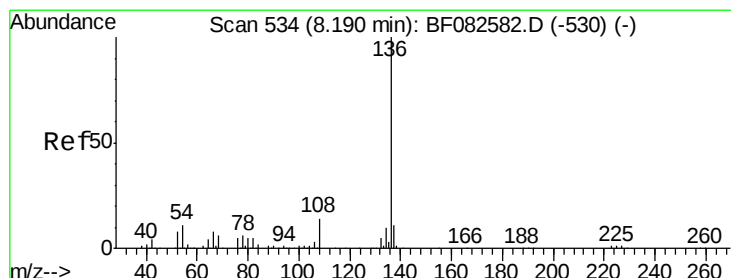
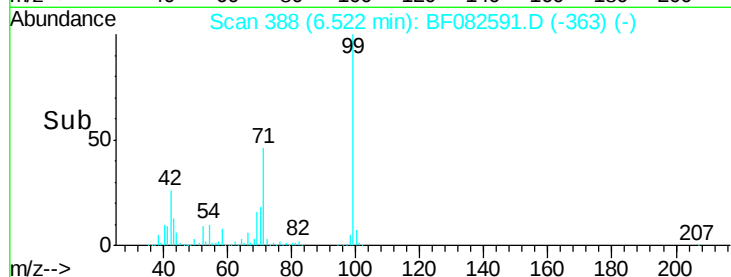
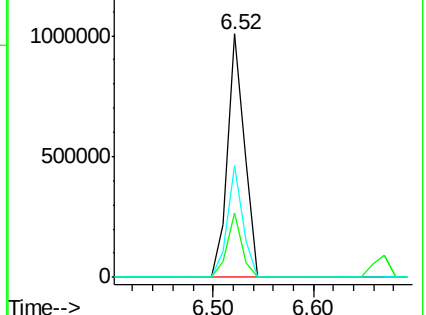
71 45.8 35.0 52.4



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: BF082591.D

Acq: 31 Oct 2015 00:33

Tgt Ion: 136 Resp: 745380

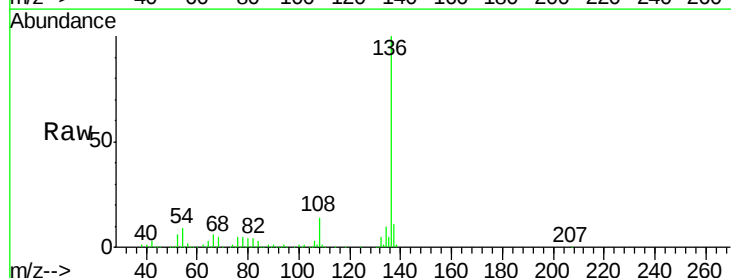
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 9.1 13.7#

68 5.1 4.8 7.2

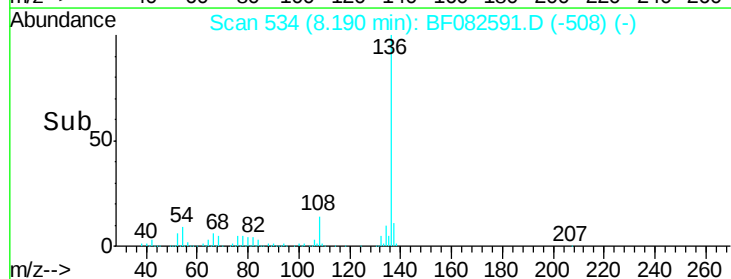
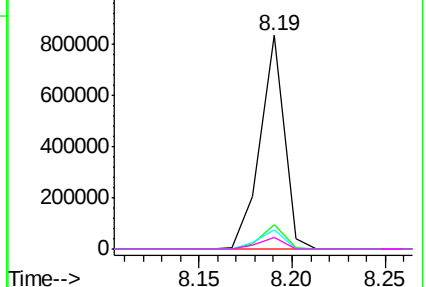


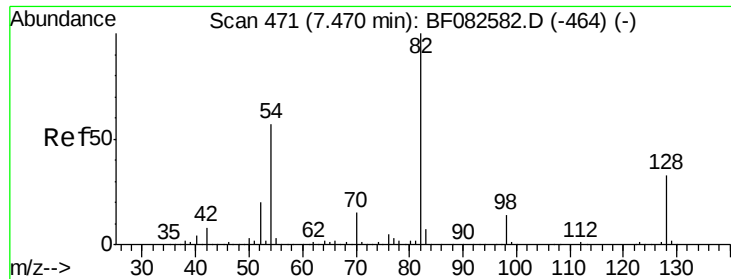
Abundance Ion 136.00 (135.70 to 136.70): E

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

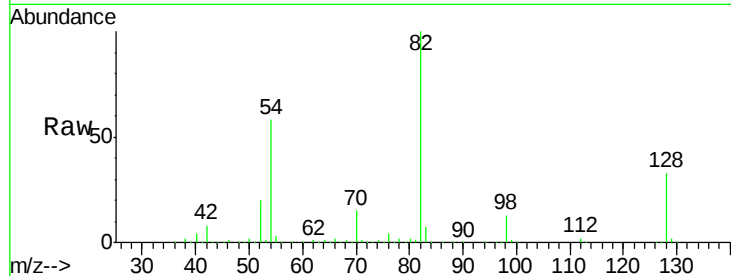




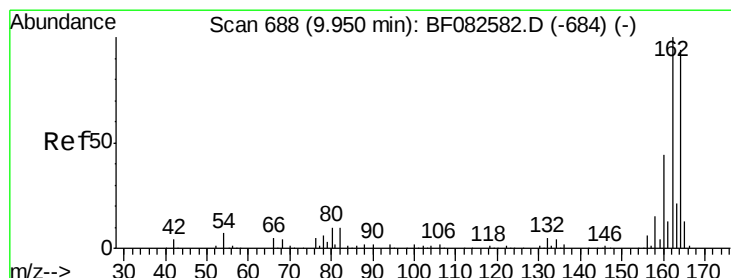
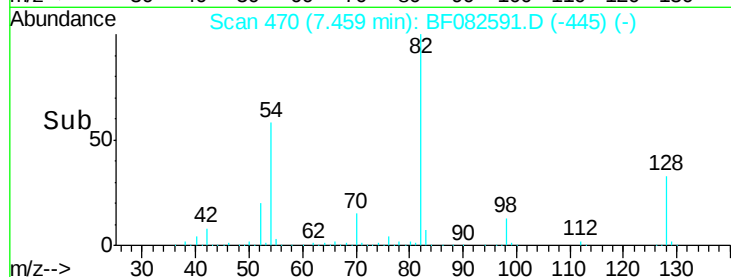
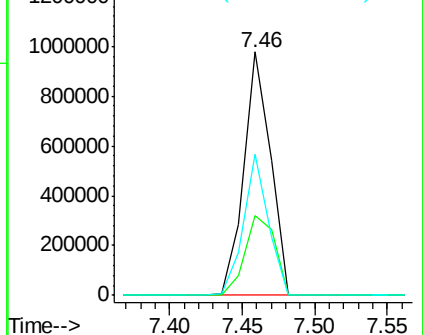
#23
 Nitrobenzene-d5
 Concen: 68.05 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082591.D
 Acq: 31 Oct 2015 00:33

Instrument :
 BNA_F
 ClientSampled :
 PB86326BL

Tgt Ion: 82 Resp: 1242162
 Ion Ratio Lower Upper
 82 100
 128 32.7 26.8 40.2
 54 58.0 45.7 68.5

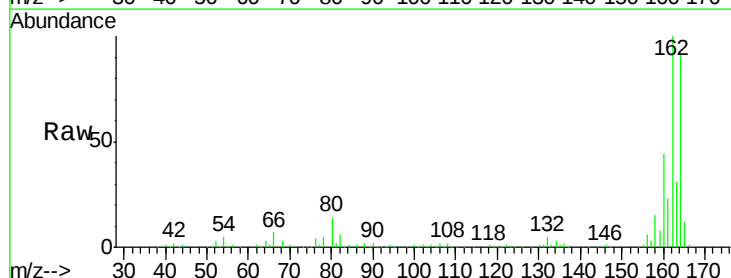


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

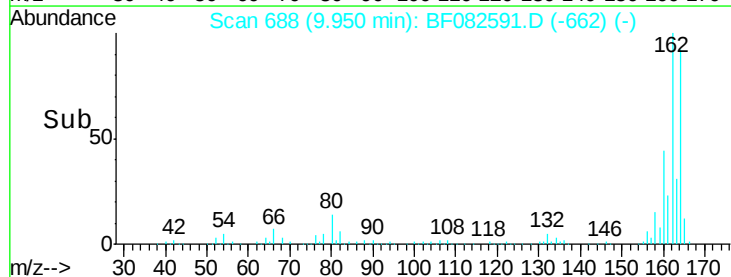
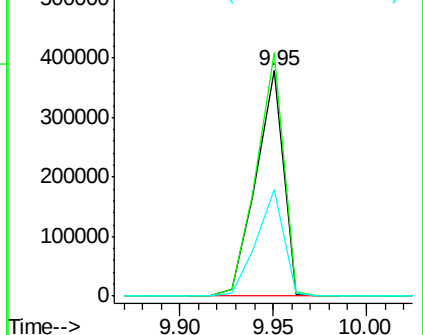


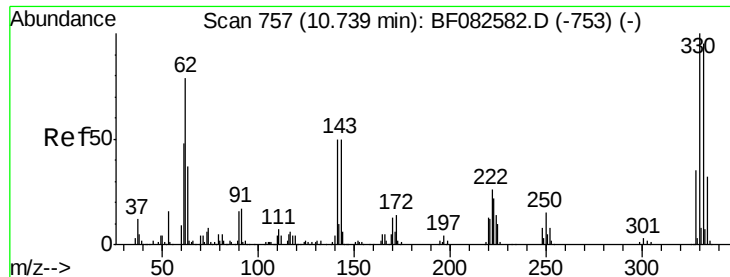
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082591.D
 Acq: 31 Oct 2015 00:33

Tgt Ion: 164 Resp: 383440
 Ion Ratio Lower Upper
 164 100
 162 108.1 84.9 127.3
 160 47.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

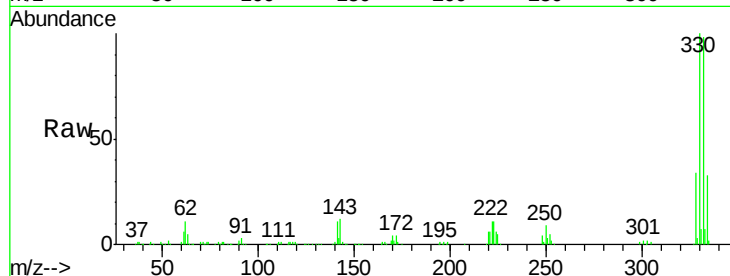




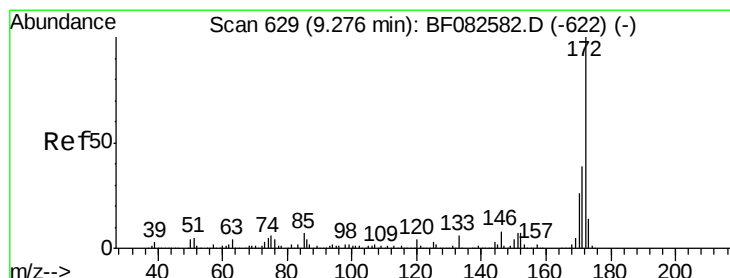
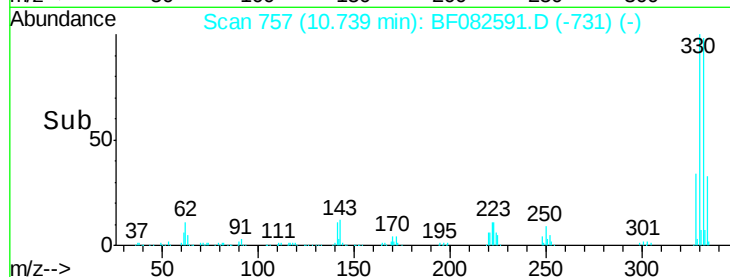
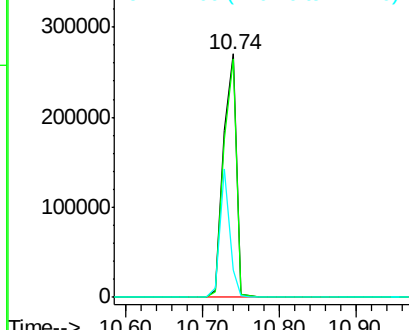
#41
 2,4,6-Tribromophenol
 Concen: 77.44 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082591.D
 Acq: 31 Oct 2015 00:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

Tgt Ion:330 Resp: 324980
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 39.4 41.2 61.8#

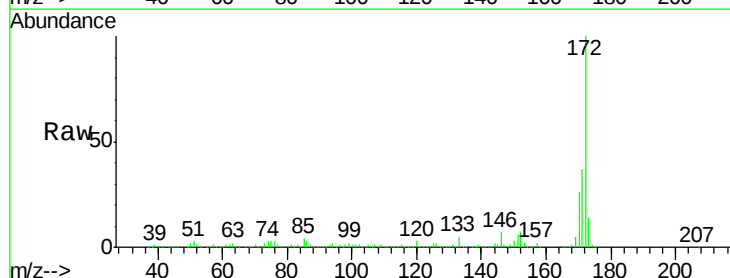


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

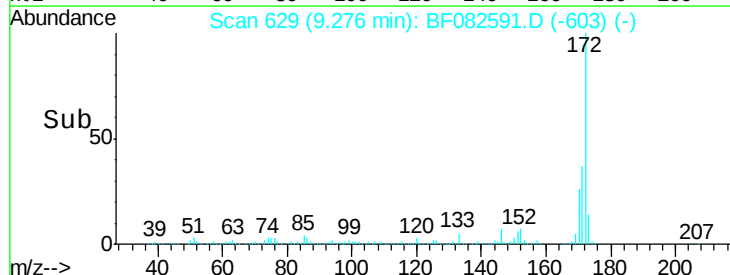
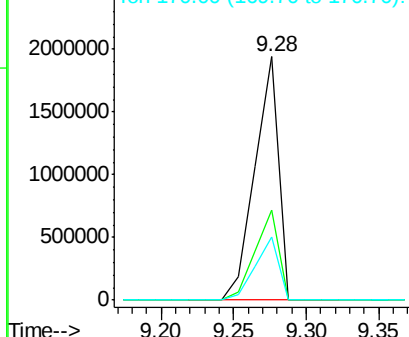


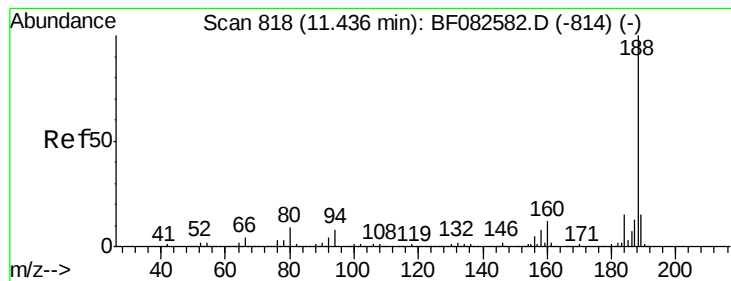
#44
 2-Fluorobiphenyl
 Concen: 81.36 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082591.D
 Acq: 31 Oct 2015 00:33

Tgt Ion:172 Resp: 2197247
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.8 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: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF082591.D

Acq: 31 Oct 2015 00:33

Instrument :

BNA_F

ClientSampleId :

PB86326BL

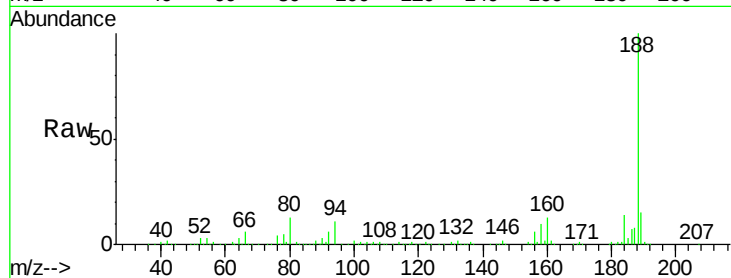
Tgt Ion:188 Resp: 702296

Ion Ratio Lower Upper

188 100

94 11.4 6.1 9.1#

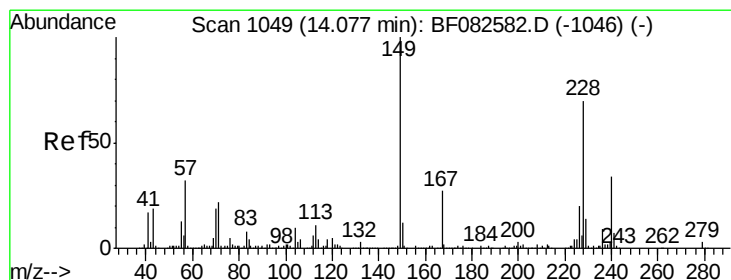
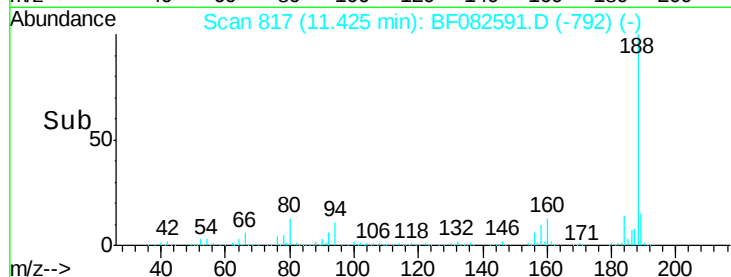
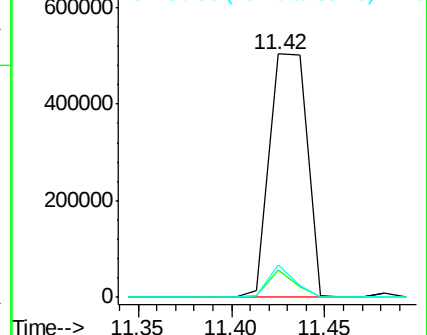
80 13.3 7.0 10.6#



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: BF082591.D

Acq: 31 Oct 2015 00:33

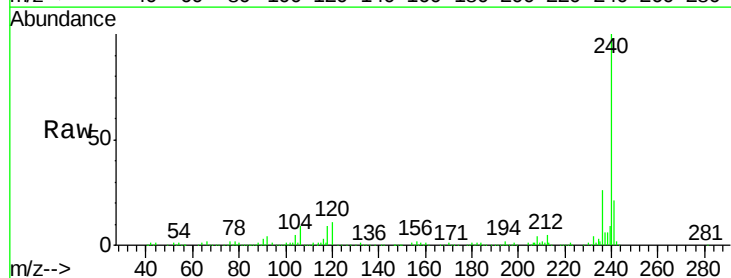
Tgt Ion:240 Resp: 556178

Ion Ratio Lower Upper

240 100

120 10.9 10.9 16.3#

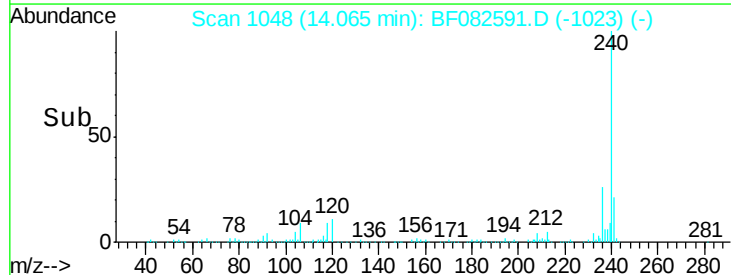
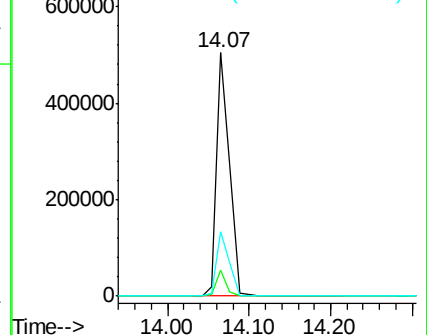
236 26.5 21.6 32.4

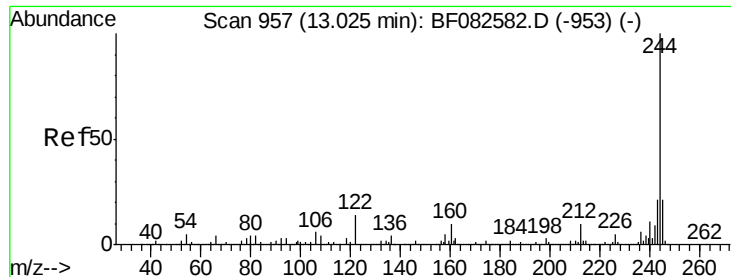


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.43 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082591.D

Acq: 31 Oct 2015 00:33

Instrument :

BNA_F

ClientSampleId :

PB86326BL

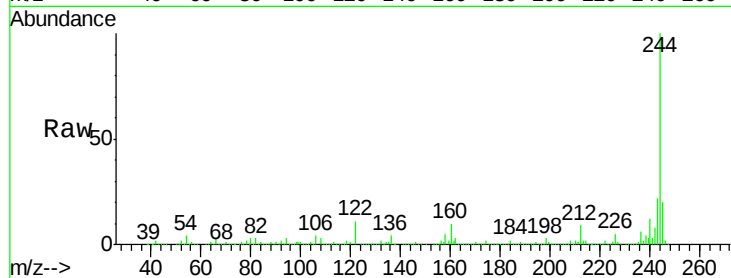
Tgt Ion:244 Resp: 1916976

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

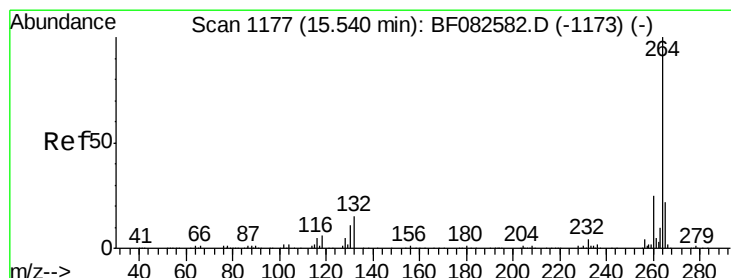
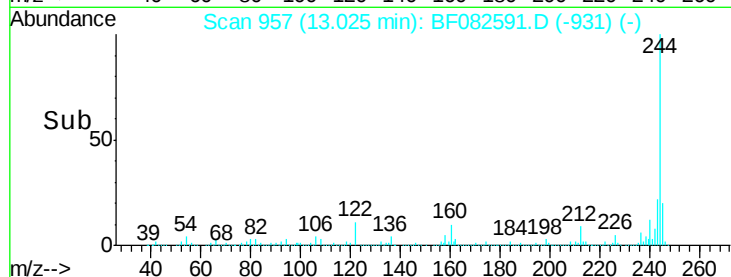
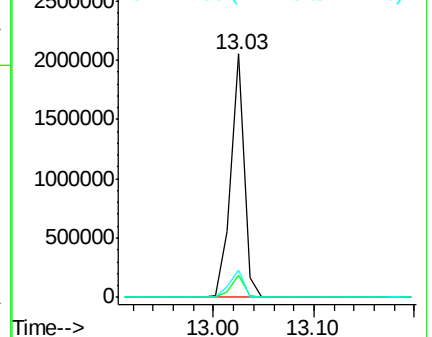
122 11.4 11.3 16.9



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: BF082591.D

Acq: 31 Oct 2015 00:33

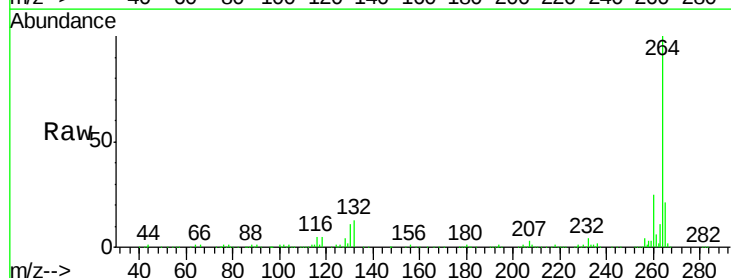
Tgt Ion:264 Resp: 433295

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.2 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

