

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082344.D
 Acq On : 17 Oct 2015 1:05
 Operator : UM/IZ
 Sample : G4016-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Quant Time: Oct 17 04:37:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 04:30:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55751	20.00	ng	0.01
21) Naphthalene-d8	8.24	136	240633	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	128460	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	265349	20.00	ng	0.00
75) Chrysene-d12	14.14	240	227242	20.00	ng	0.00
86) Perylene-d12	15.67	264	200121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	24749	8.96	ng	0.01
7) Phenol-d6	6.61	99	34860	9.70	ng	0.01
23) Nitrobenzene-d5	7.52	82	21310	5.95	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	12289	10.20	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	52859	6.82	ng	0.01
78) Terphenyl-d14	13.05	244	68164	7.95	ng	0.00

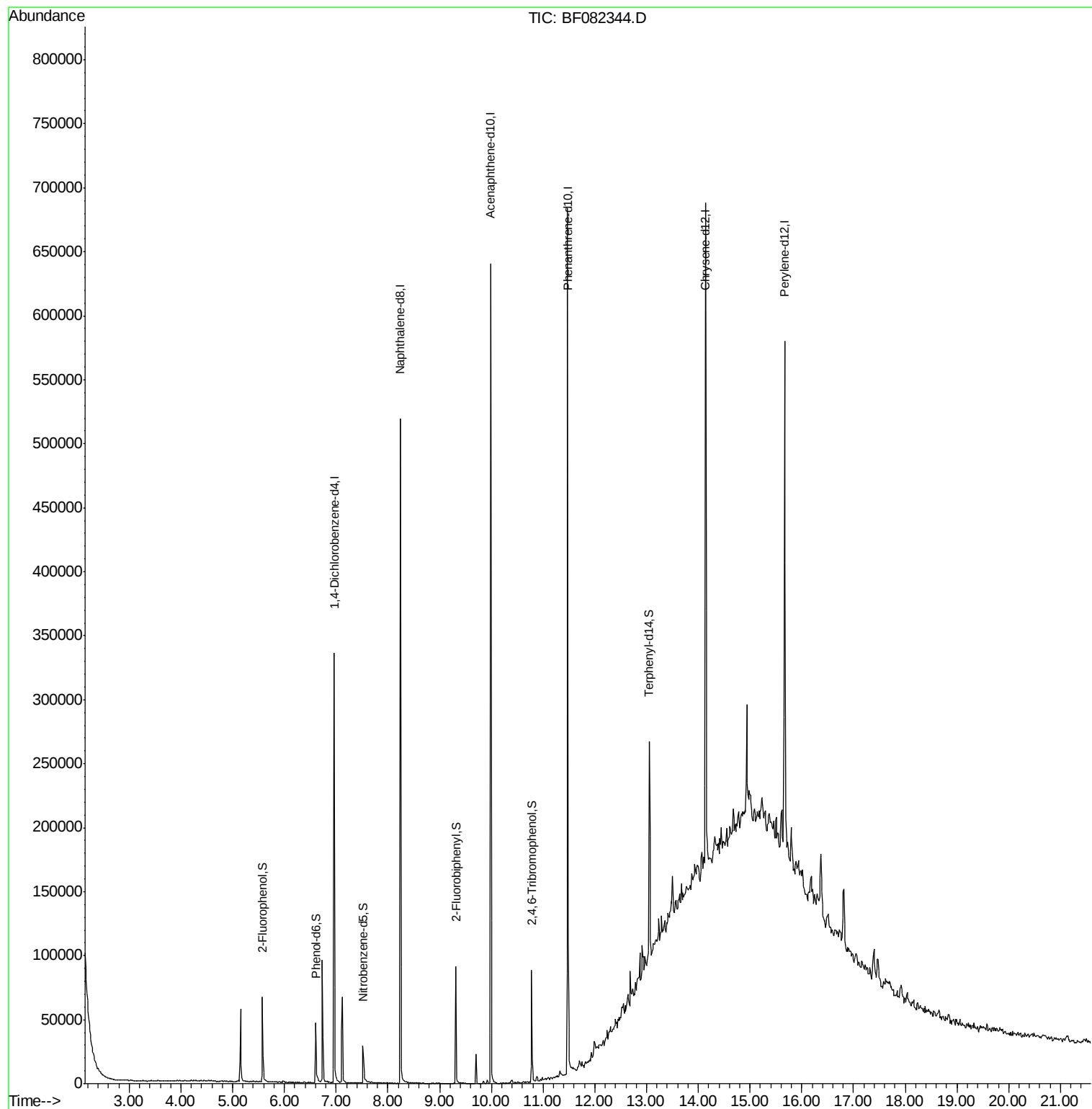
Target Compounds Qvalue

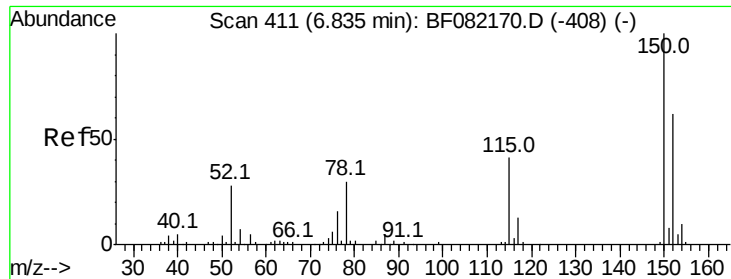
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

Instrument :

BNA_F

ClientSampleId :

CS-3

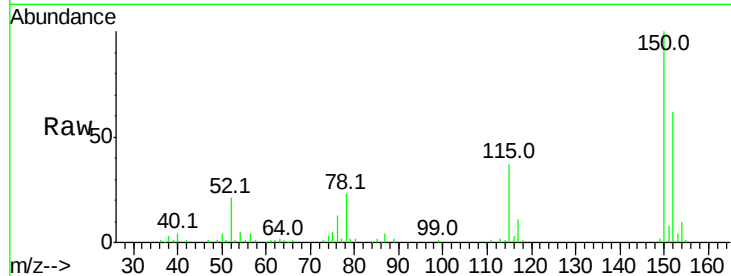
Tot Ion:152 Resp: 55751

Ion Ratio Lower Upper

152 100

150 160.4 129.0 193.4

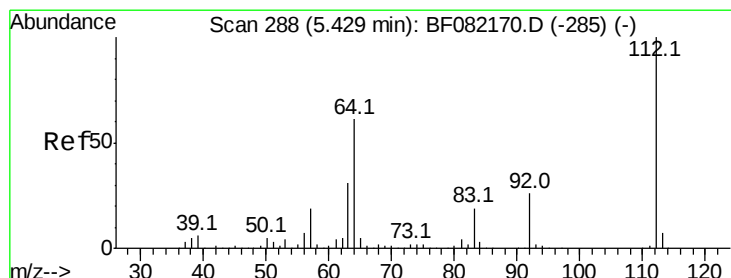
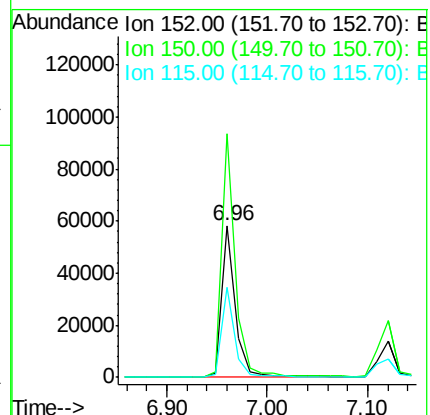
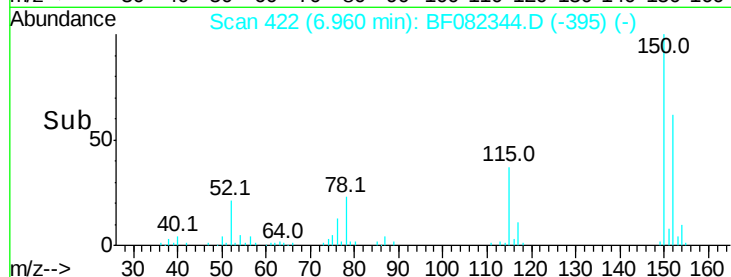
115 59.2 52.1 78.1



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: 8.96 ng

RT: 5.58 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

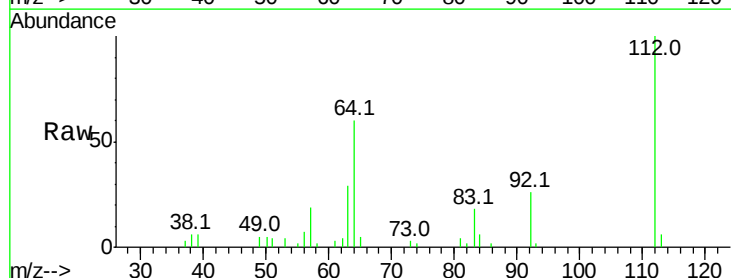
Tgt Ion:112 Resp: 24749

Ion Ratio Lower Upper

112 100

64 60.1 48.6 73.0

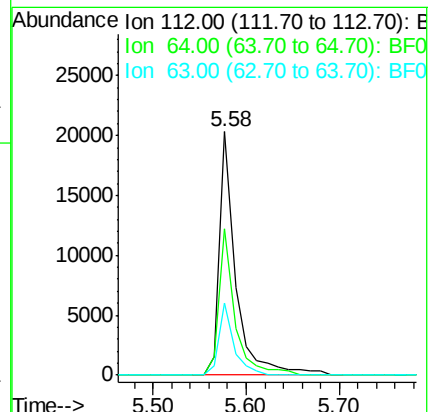
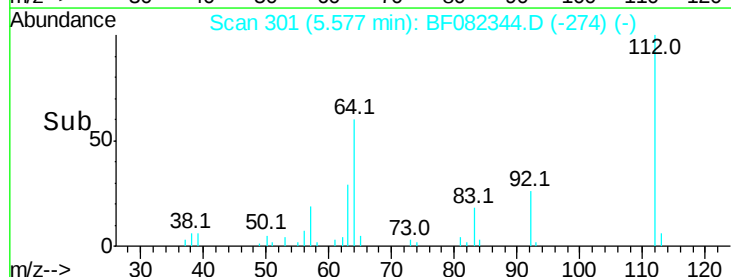
63 29.4 25.1 37.7



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: 9.70 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

Instrument :

BNA_F

ClientSampled :

CS-3

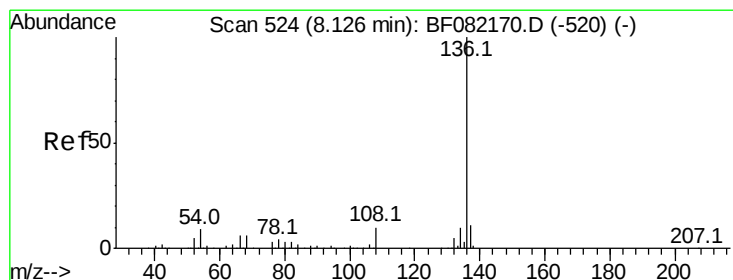
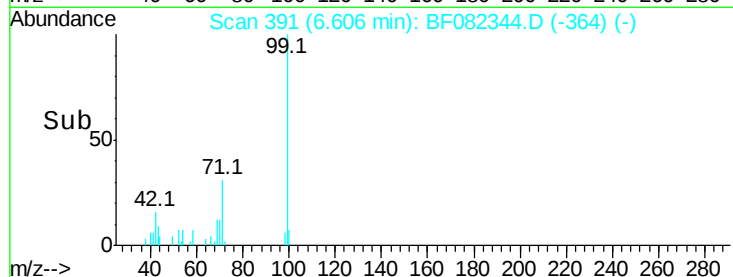
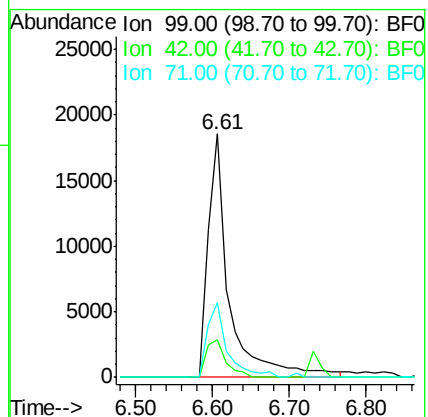
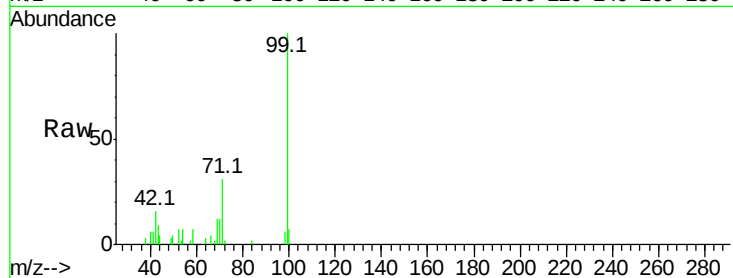
Tot Ion: 99 Resp: 34860

Ion Ratio Lower Upper

99 100

42 15.6 13.2 19.8

71 30.8 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

Tgt Ion: 136 Resp: 240633

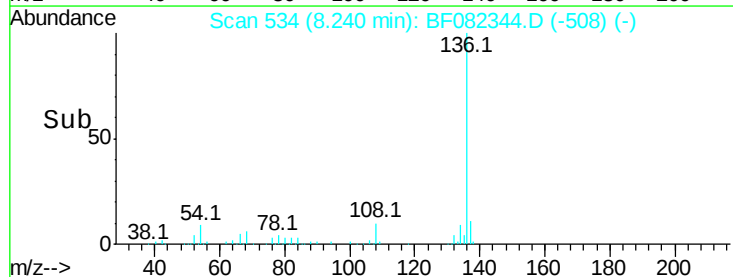
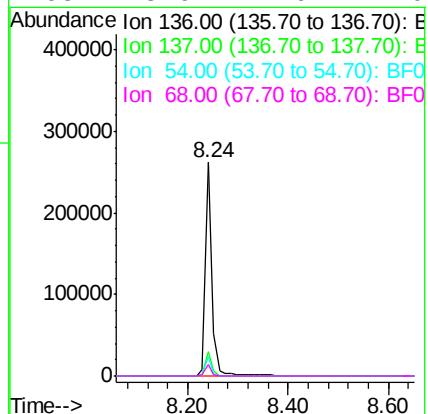
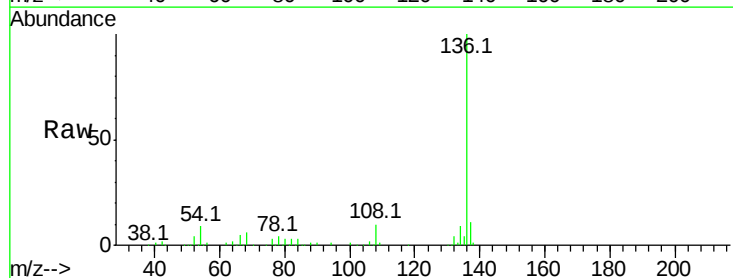
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.8 7.5 11.3

68 5.6 4.6 7.0

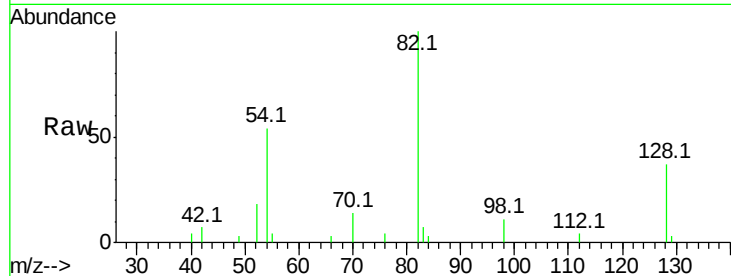




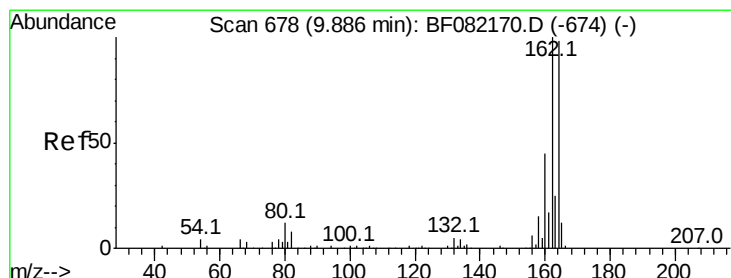
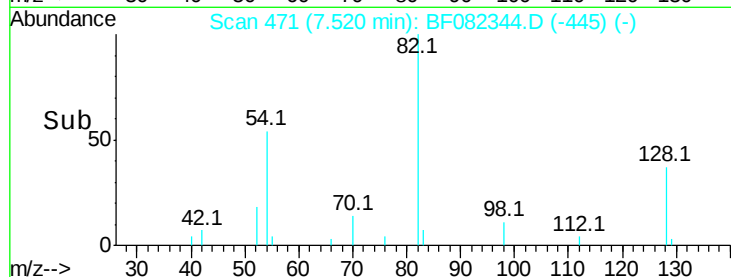
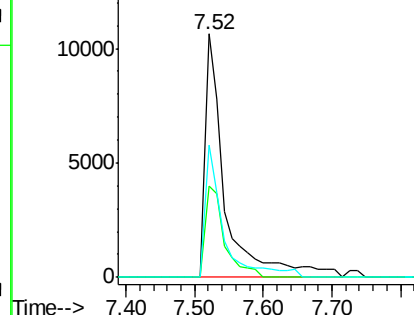
#23
Nitrobenzene-d5
Concen: 5.95 ng
RT: 7.52 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082344.D
Acq: 17 Oct 2015 1:05

Instrument :
BNA_F
ClientSampled :
CS-3

Tot Ion: 82 Resp: 21310
Ion Ratio Lower Upper
82 100
128 37.4 38.7 58.1#
54 54.1 40.1 60.1

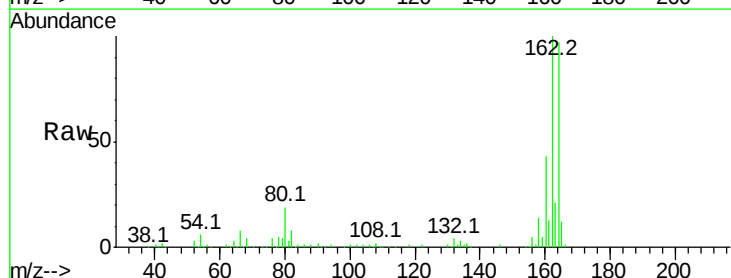


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

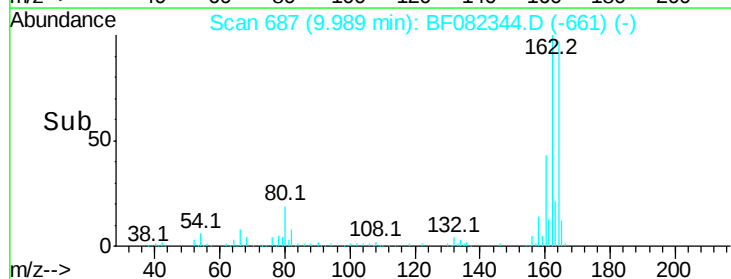
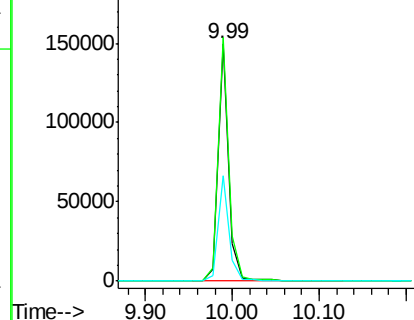


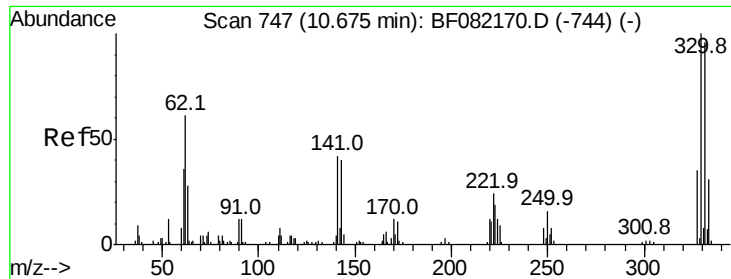
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082344.D
Acq: 17 Oct 2015 1:05

Tgt Ion:164 Resp: 128460
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 44.3 36.4 54.6



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

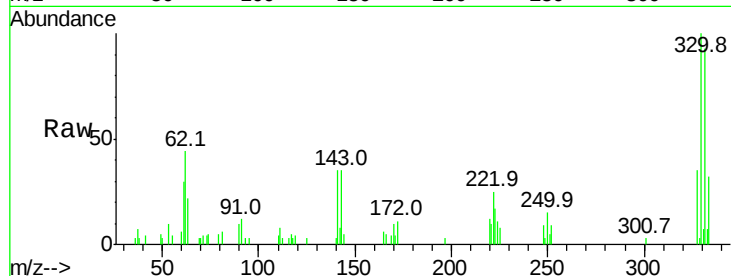




#41
 2,4,6-Tribromophenol
 Concen: 10.20 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF082344.D
 Acq: 17 Oct 2015 1:05

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.1	115.7
141	36.7	29.8	44.8

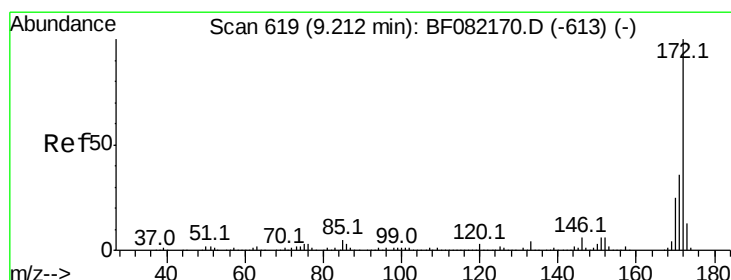
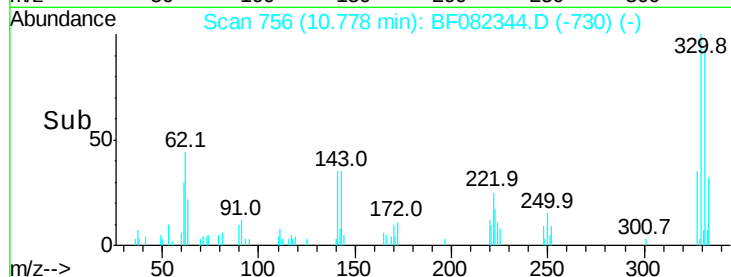
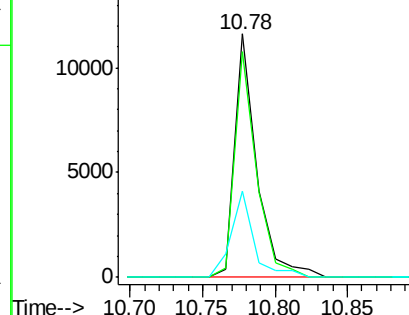


Abundance

Ion 329.80 (329.50 to 330.50): E

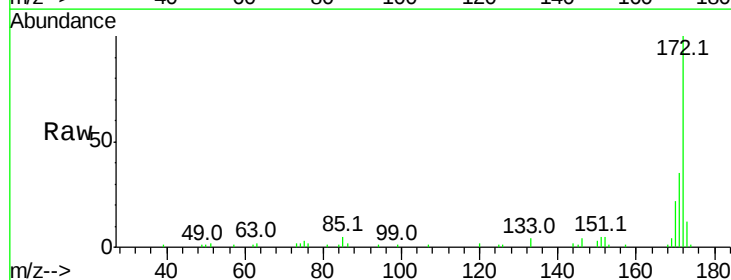
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.82 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082344.D
 Acq: 17 Oct 2015 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	22.2	19.7	29.5

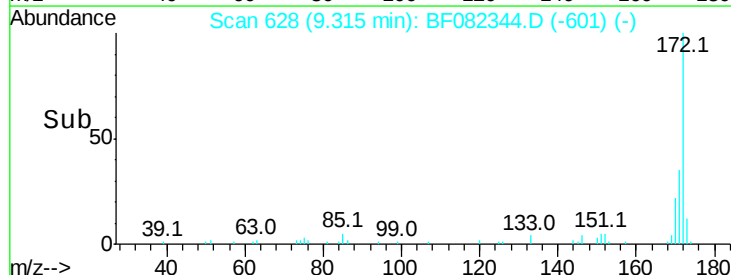
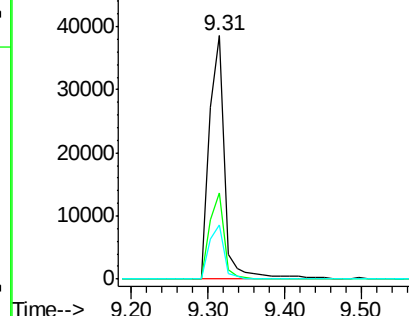


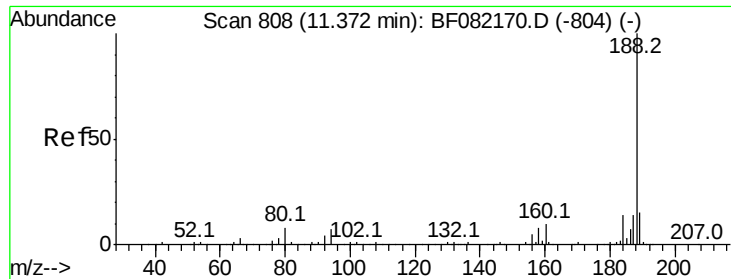
Abundance

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

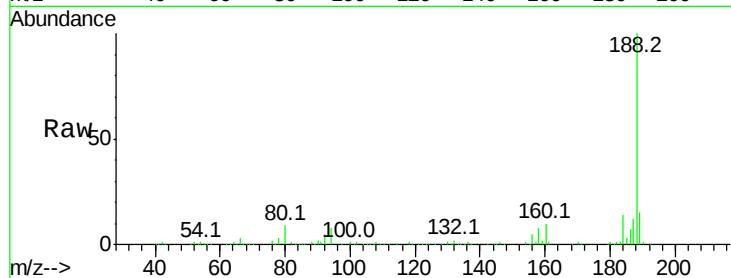




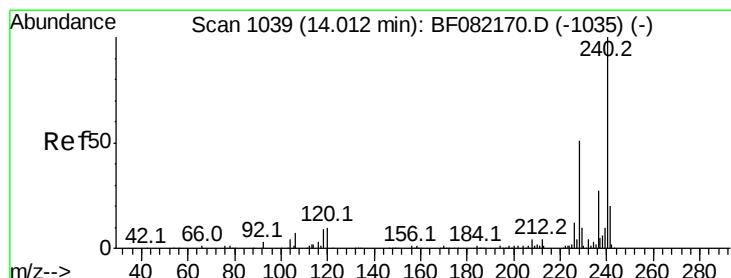
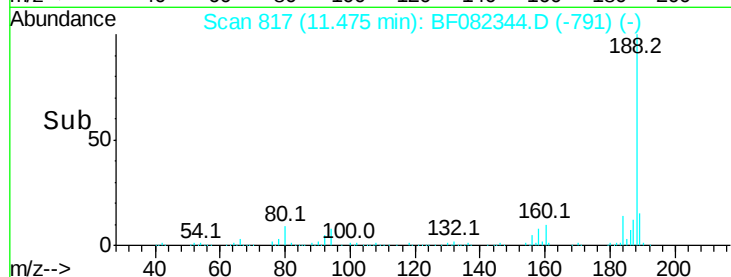
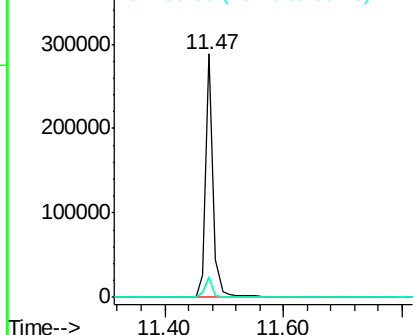
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF082344.D
Acq: 17 Oct 2015 1:05

Instrument :
BNA_F
ClientSampleId :
CS-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	8.8	6.4	9.6

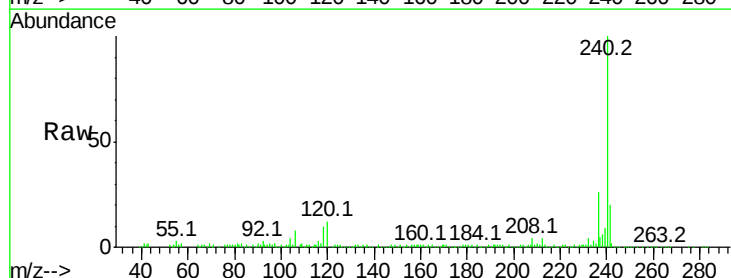


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

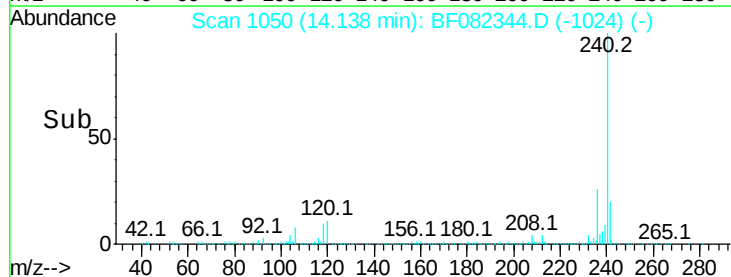
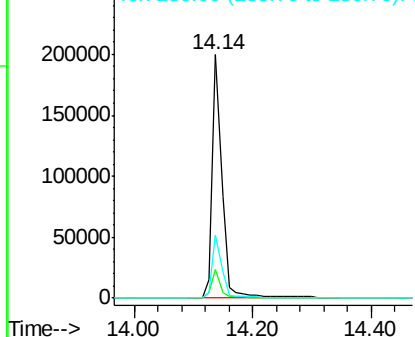


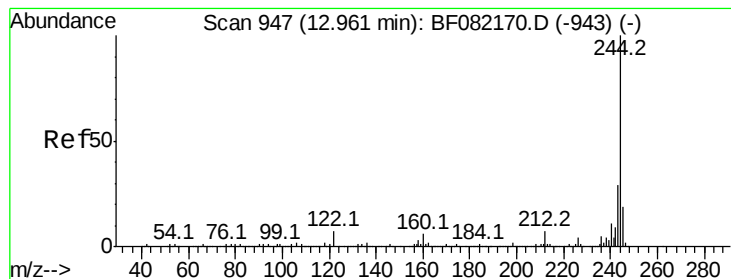
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF082344.D
Acq: 17 Oct 2015 1:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	25.7	21.3	31.9



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: 7.95 ng

RT: 13.05 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

Instrument :

BNA_F

ClientSampleId :

CS-3

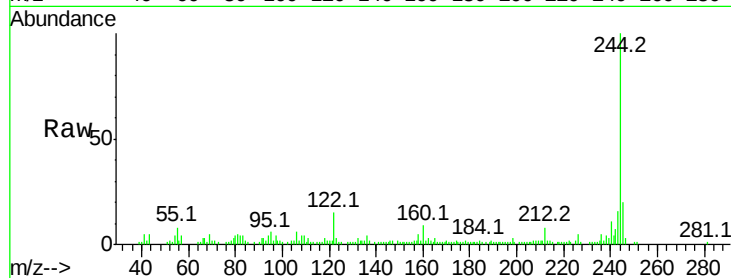
Tot Ion:244 Resp: 68164

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

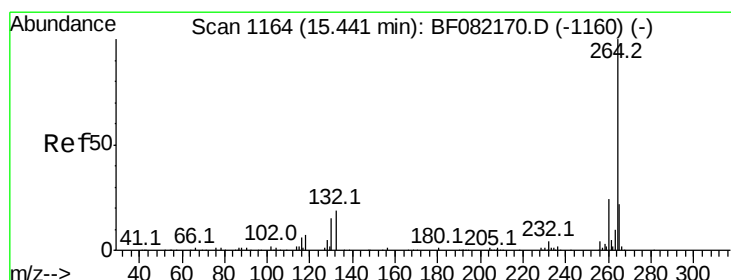
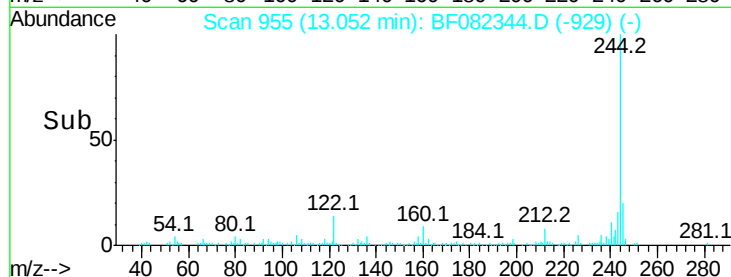
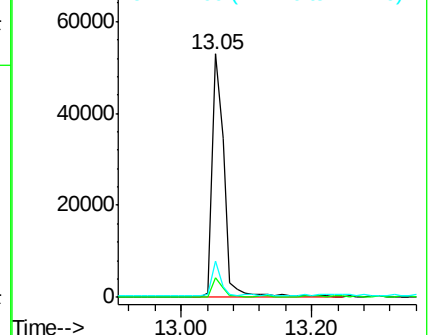
122 14.9 5.9 8.9#



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: 15.67 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF082344.D

Acq: 17 Oct 2015 1:05

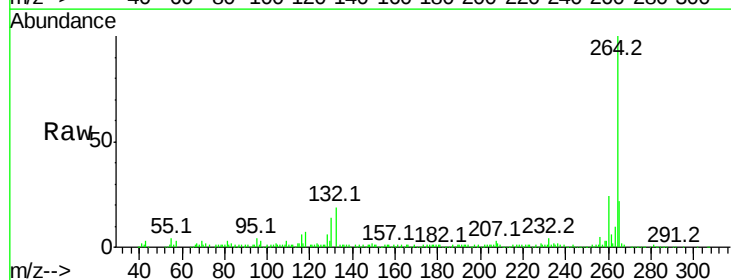
Tgt Ion:264 Resp: 200121

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.7 17.3 25.9



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

