

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082313.D
 Acq On : 15 Oct 2015 17:05
 Operator : UM/IZ
 Sample : G4016-03 25X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Quant Time: Oct 16 02:36:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84387	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	338878	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	165642	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	282004	20.00	ng	0.00
75) Chrysene-d12	14.06	240	210975	20.00	ng	-0.03
86) Perylene-d12	15.59	264	201840	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	14575	3.49	ng	0.00
7) Phenol-d6	6.47	99	19727	3.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	10931	2.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	4602	2.96	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	35460	3.55	ng	-0.01
78) Terphenyl-d14	12.95	244	27277	3.43	ng	-0.02

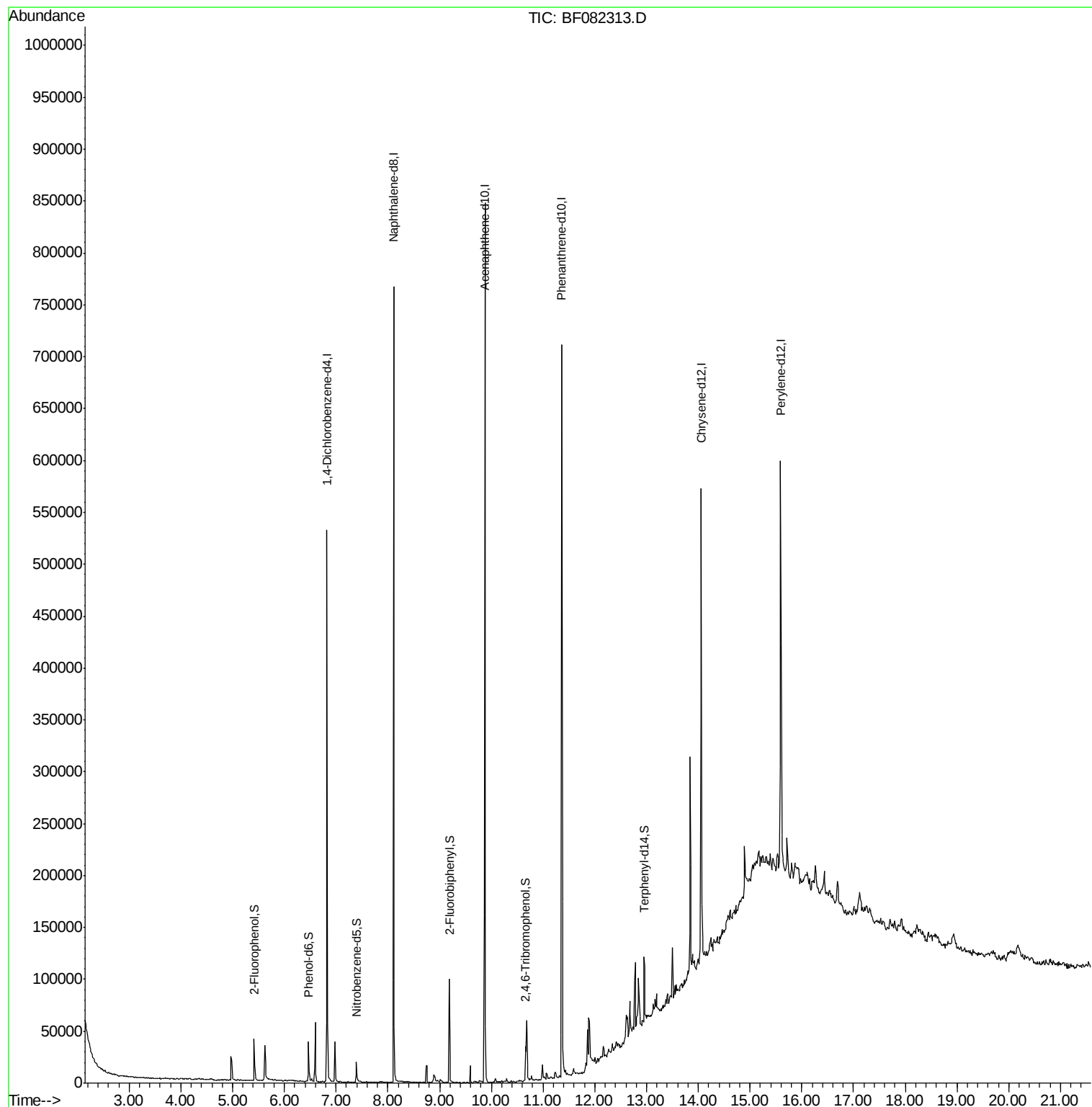
Target Compounds	Qvalue
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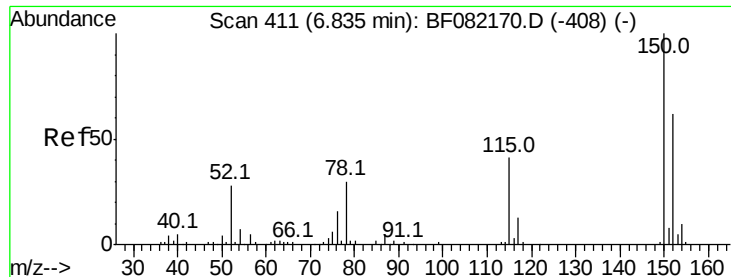
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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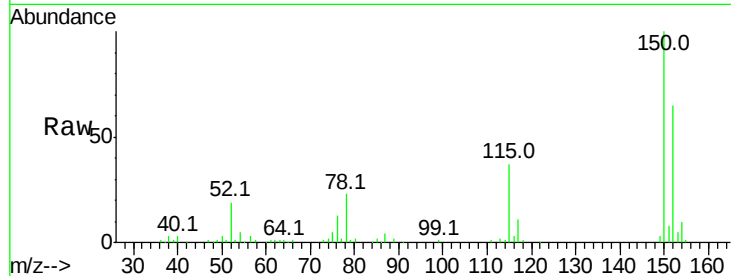


#1

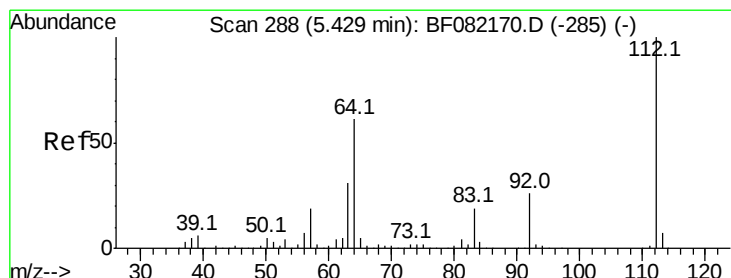
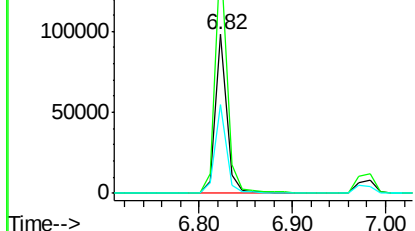
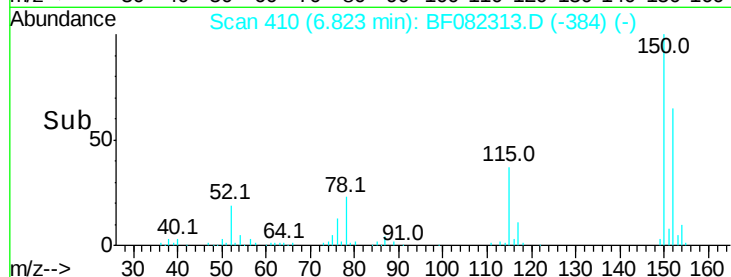
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Instrument :
BNA_F
ClientSampleId :
CS-3

Tot Ion:152 Resp: 84387
Ion Ratio Lower Upper
152 100
150 153.6 129.0 193.4
115 56.2 52.1 78.1



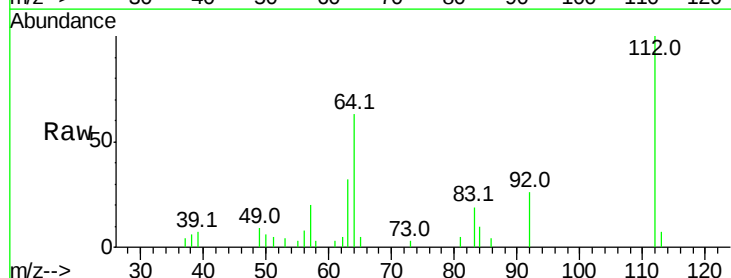
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



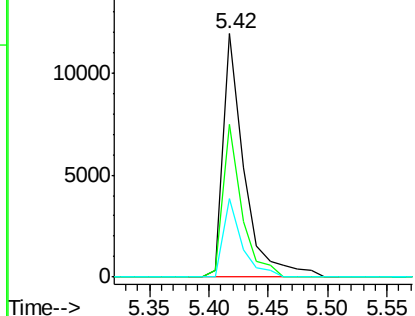
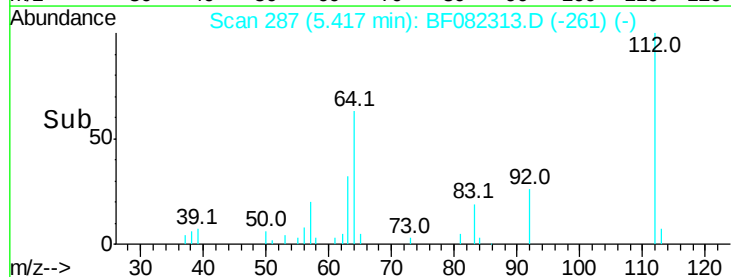
#5

2-Fluorophenol
Concen: 3.49 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Tgt Ion:112 Resp: 14575
Ion Ratio Lower Upper
112 100
64 62.8 48.6 73.0
63 32.2 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: 3.63 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

CS-3

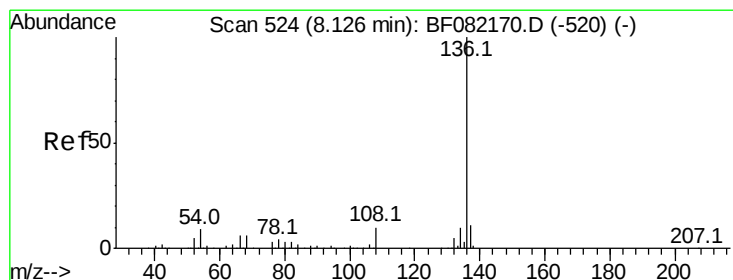
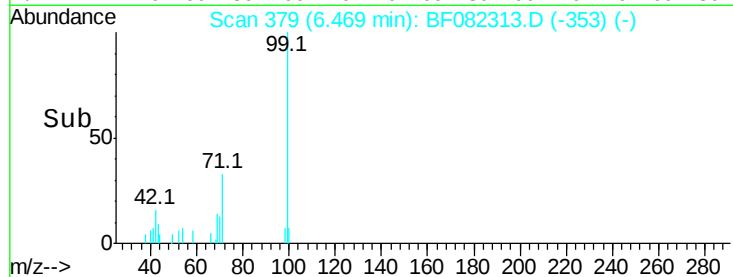
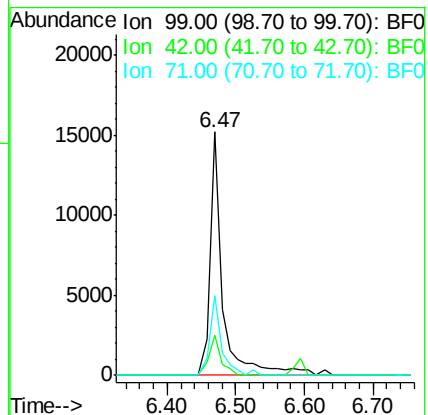
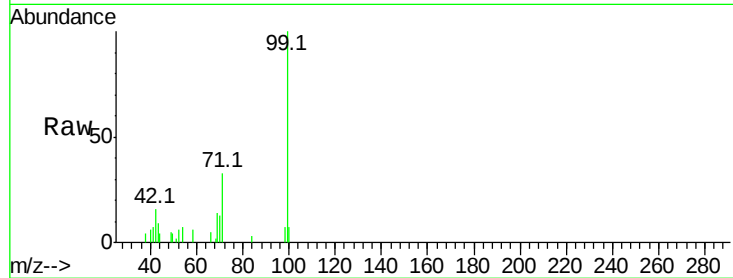
Tot Ion: 99 Resp: 19727

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

71 32.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Tgt Ion: 136 Resp: 338878

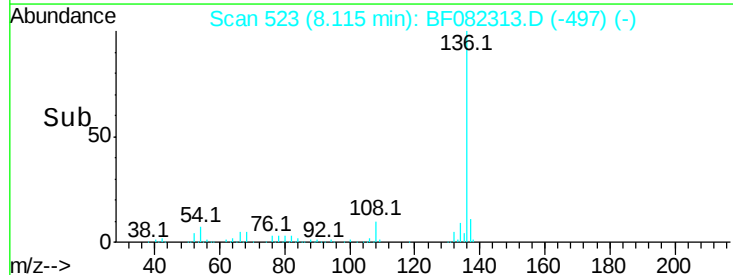
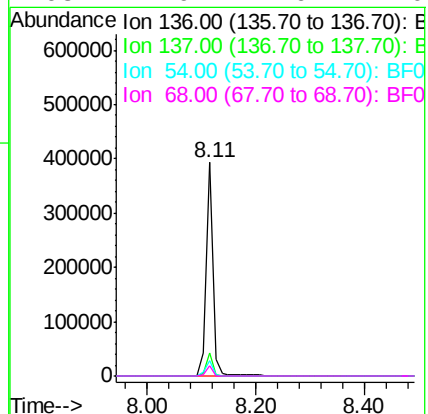
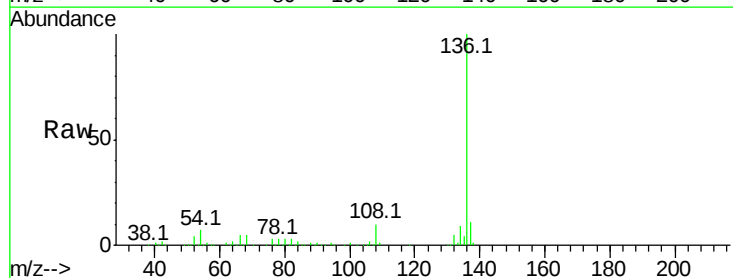
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.1 7.5 11.3#

68 4.9 4.6 7.0

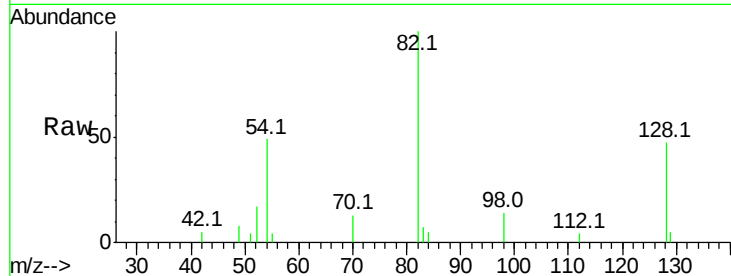




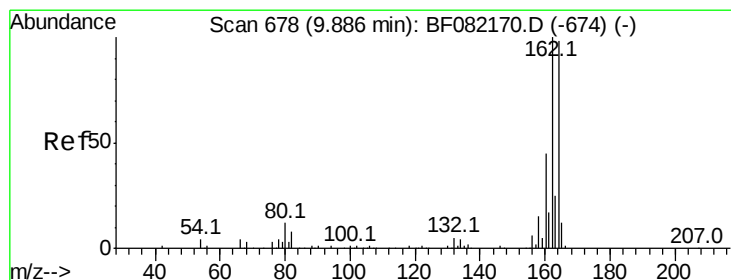
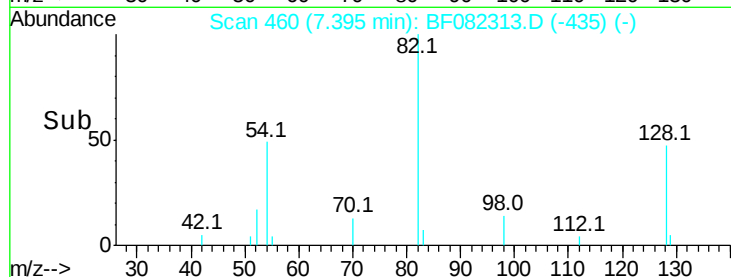
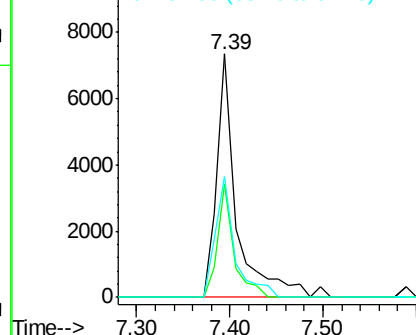
#23
 Nitrobenzene-d5
 Concen: 2.17 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Instrument :
 BNA_F
 ClientSampled :
 CS-3

Tot Ion	82	Resp	10931
Ion Ratio	Lower	Upper	
82	100		
128	46.6	38.7	58.1
54	49.5	40.1	60.1

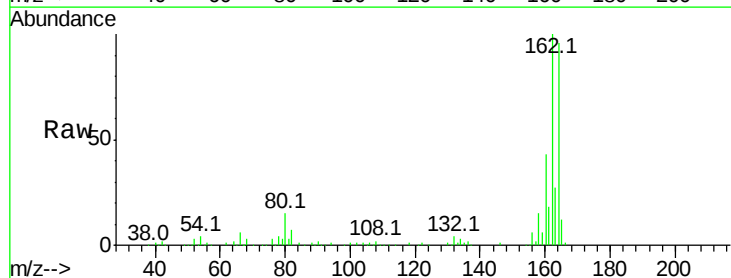


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

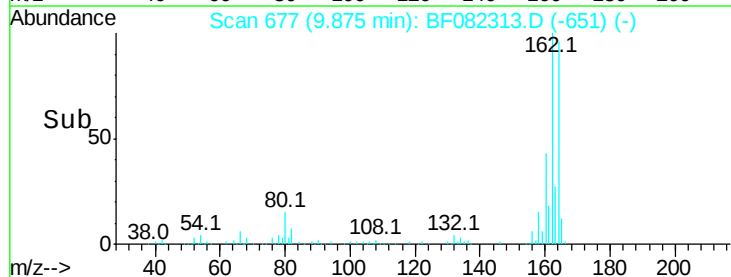
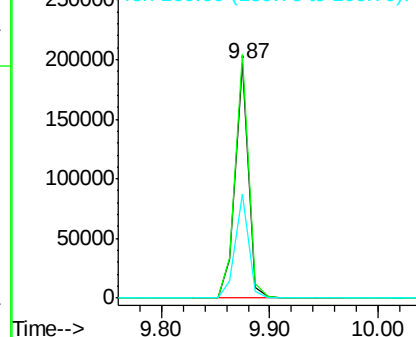


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Tgt Ion	164	Resp	165642
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.6	122.4
160	44.4	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

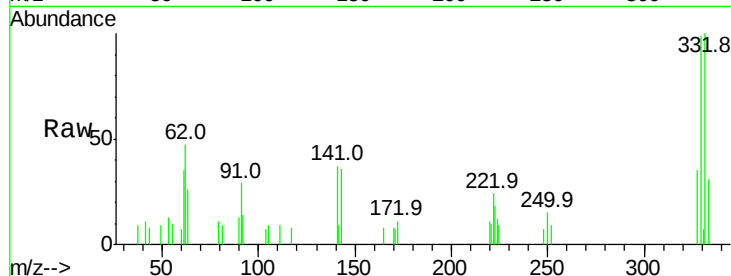




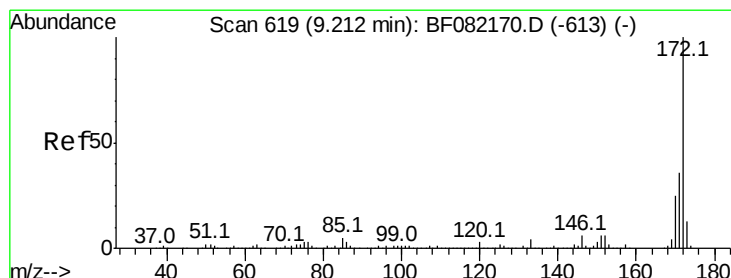
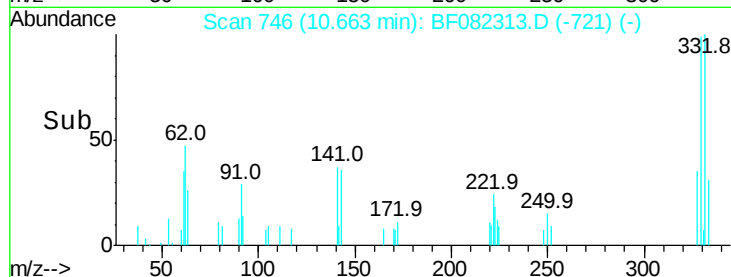
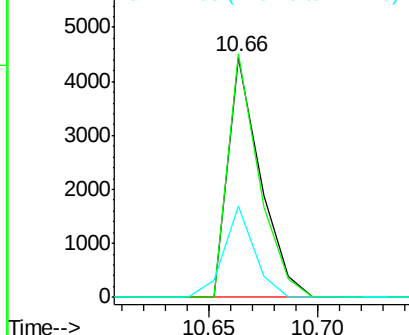
#41
 2,4,6-Tribromophenol
 Concen: 2.96 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Tot Ion:330 Resp: 4602
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 35.7 29.8 44.8

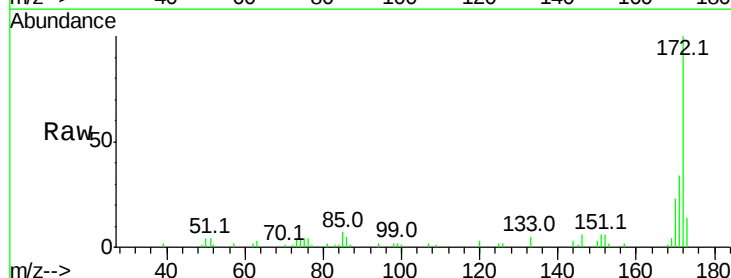


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

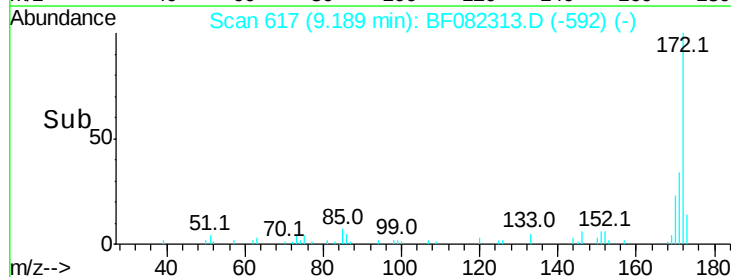
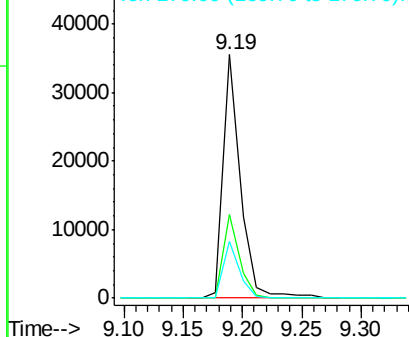


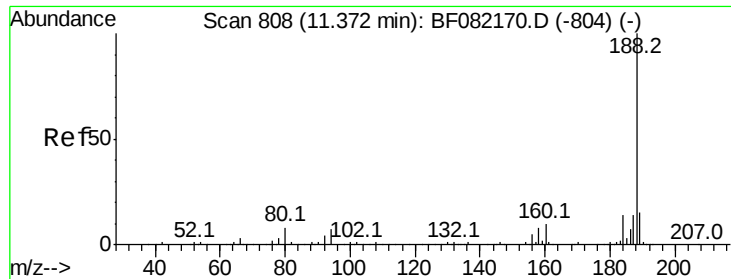
#44
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082313.D
 Acq: 15 Oct 2015 17:05

Tgt Ion:172 Resp: 35460
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 23.4 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

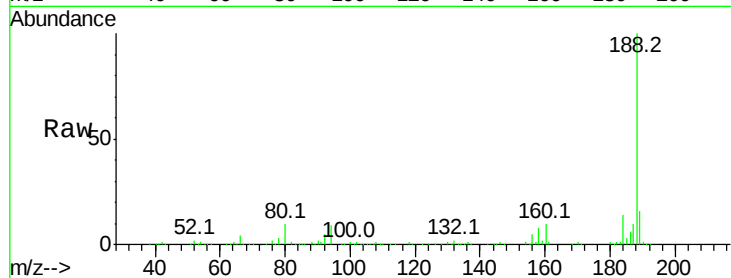




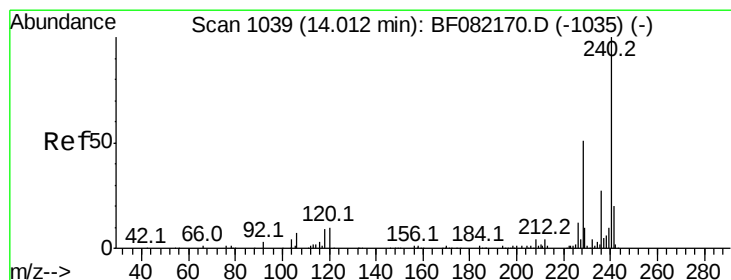
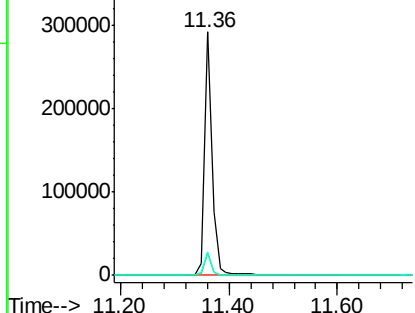
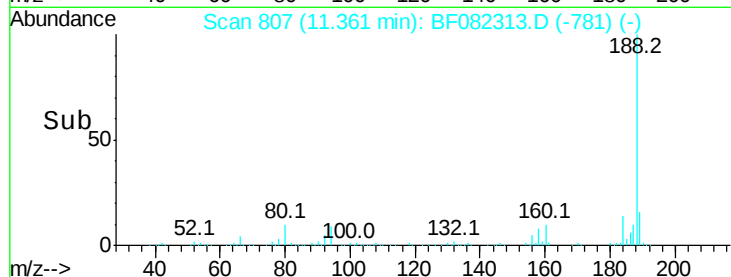
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Instrument :
BNA_F
ClientSampleId :
CS-3

Tot Ion:188 Resp: 282004
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 9.5 6.4 9.6

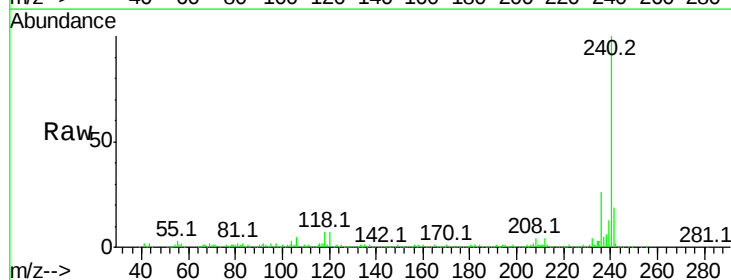


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

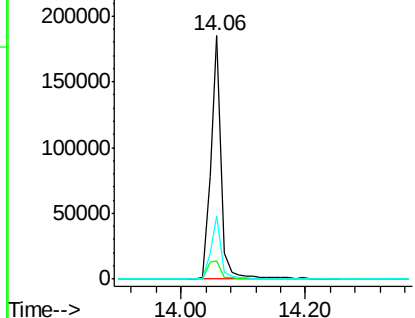
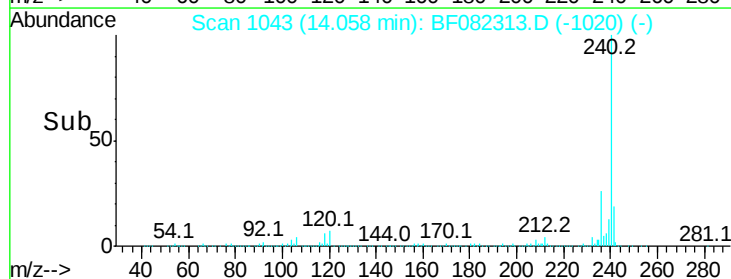


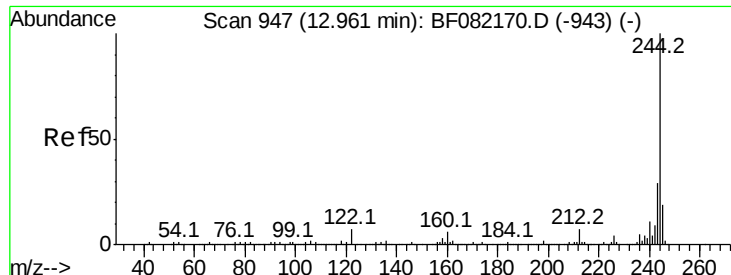
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082313.D
Acq: 15 Oct 2015 17:05

Tgt Ion:240 Resp: 210975
Ion Ratio Lower Upper
240 100
120 7.3 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: 3.43 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

Instrument :

BNA_F

ClientSampleId :

CS-3

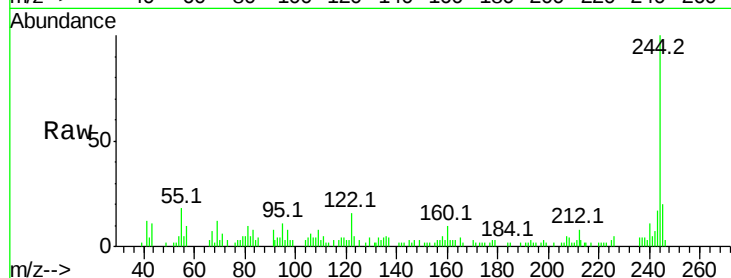
Tot Ion:244 Resp: 27277

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

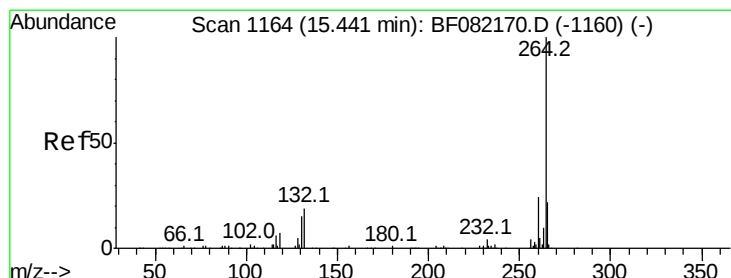
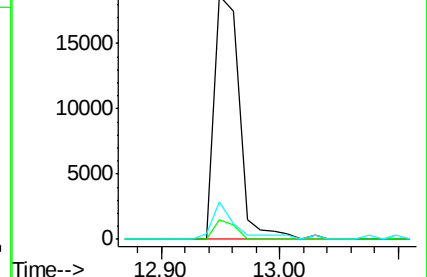
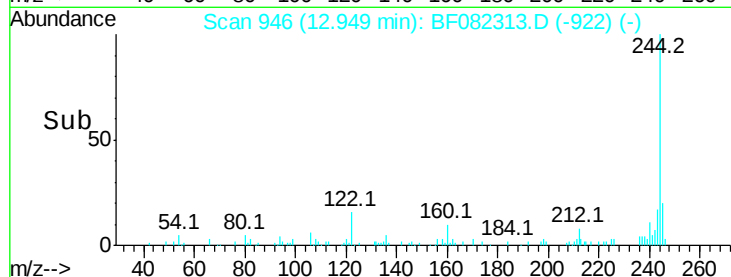
122 15.5 5.9 8.9#



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: 15.59 min Scan# 1177

Delta R.T. -0.07 min

Lab File: BF082313.D

Acq: 15 Oct 2015 17:05

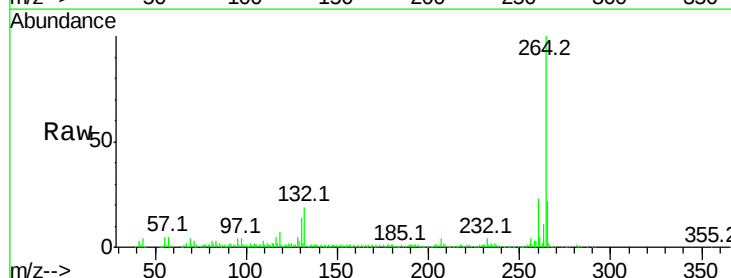
Tgt Ion:264 Resp: 201840

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 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

