

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082277.D
 Acq On : 14 Oct 2015 14:04
 Operator : UM/IZ
 Sample : PB86108BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BL

Quant Time: Oct 15 02:29:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96043	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	376341	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	190613	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	418899	20.00	ng	0.00
75) Chrysene-d12	14.06	240	405776	20.00	ng	-0.07
86) Perylene-d12	15.61	264	295401	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	431628	90.70	ng	0.01
7) Phenol-d6	6.46	99	582898	94.13	ng	-0.01
23) Nitrobenzene-d5	7.39	82	380916	67.97	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	189302	105.90	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	779827	67.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1012971	66.15	ng	-0.02

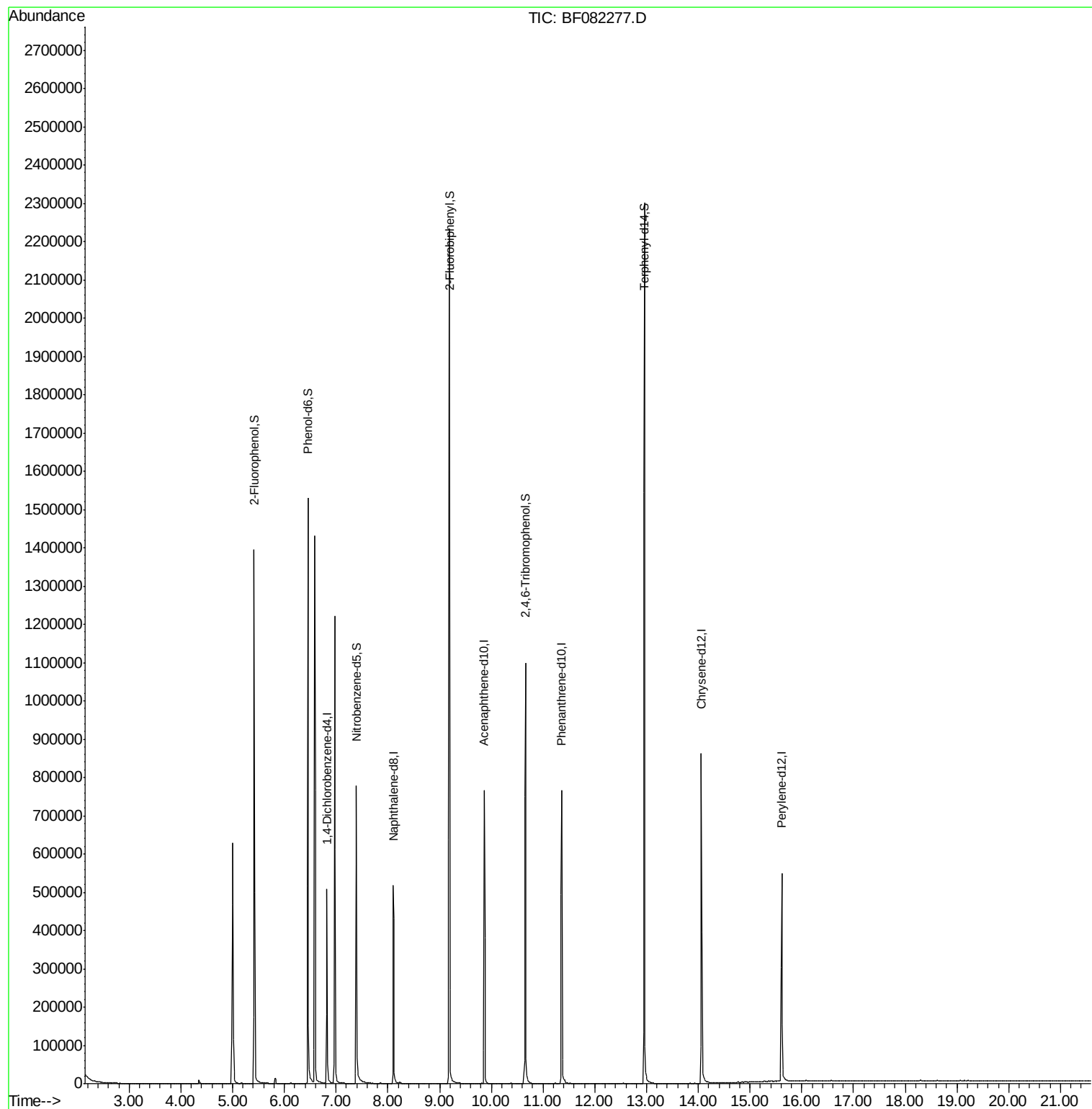
Target Compounds Qvalue

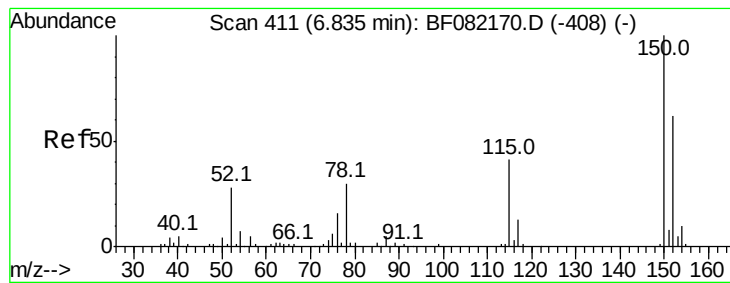
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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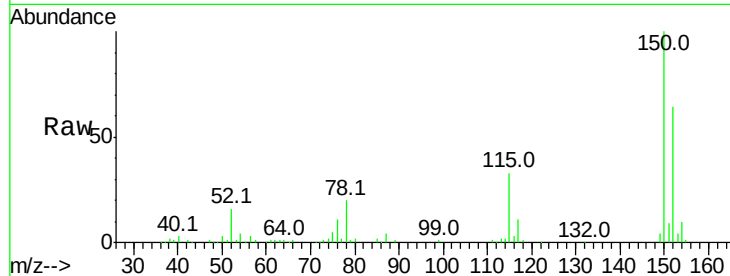


#1

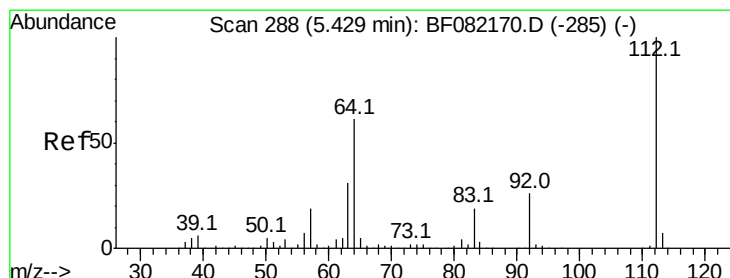
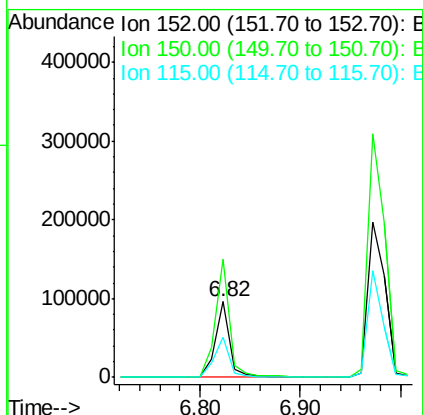
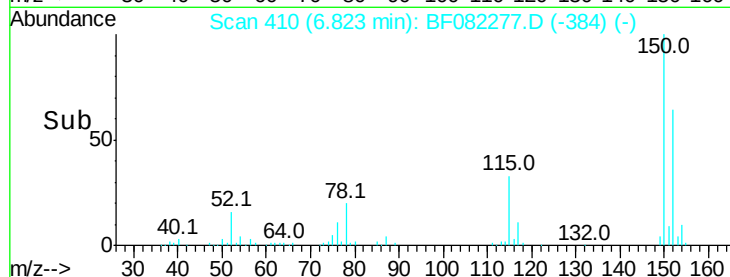
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB86108BL

Tot Ion:152 Resp: 96043
Ion Ratio Lower Upper
152 100
150 157.0 129.0 193.4
115 52.6 52.1 78.1



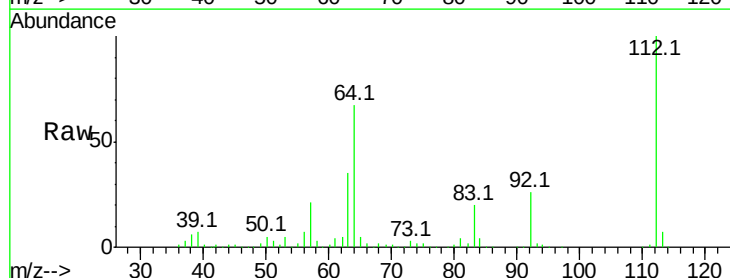
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



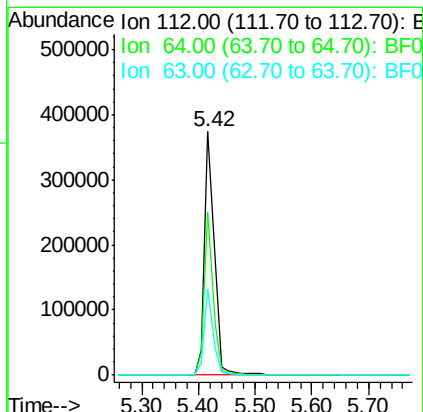
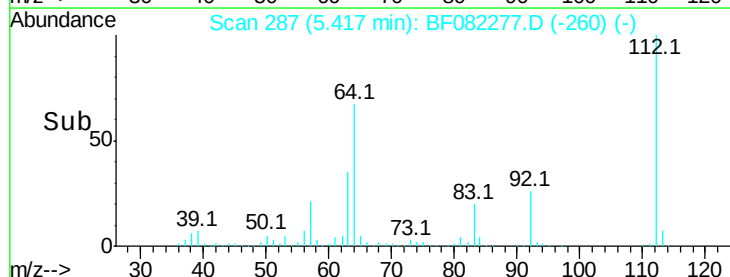
#5

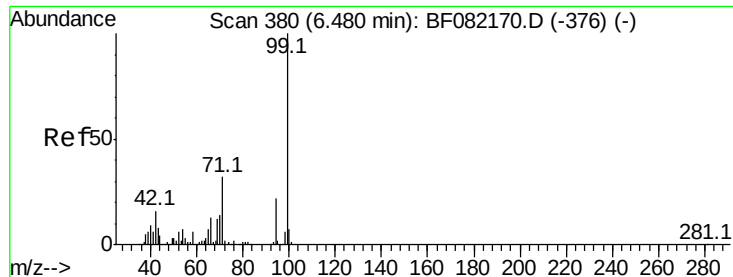
2-Fluorophenol
Concen: 90.70 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Tgt Ion:112 Resp: 431628
Ion Ratio Lower Upper
112 100
64 66.8 48.6 73.0
63 35.2 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: 94.13 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082277.D

Acq: 14 Oct 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB86108BL

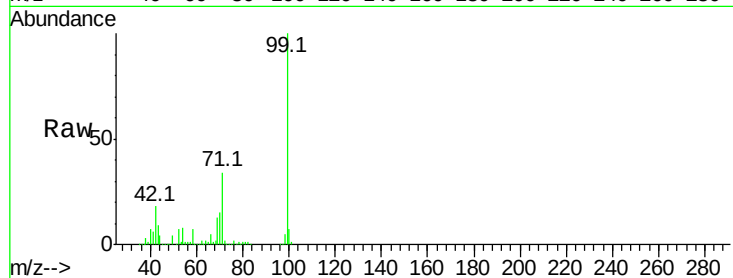
Tot Ion: 99 Resp: 582898

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

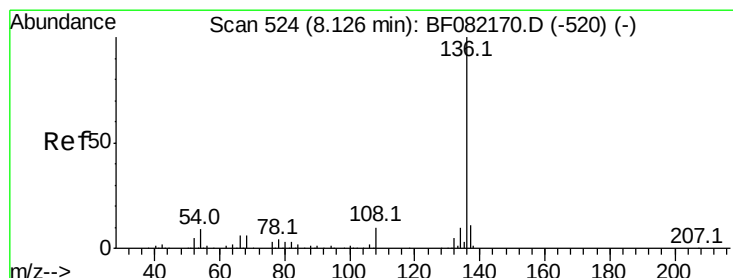
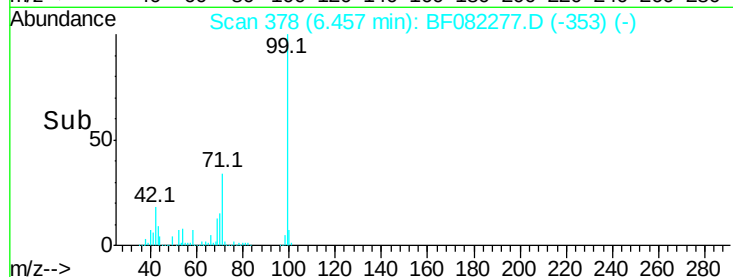
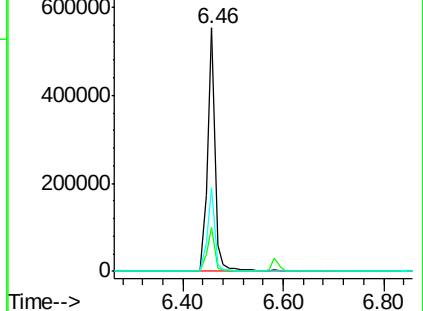
71 34.4 25.6 38.4



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: 8.10 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF082277.D

Acq: 14 Oct 2015 14:04

Tgt Ion: 136 Resp: 376341

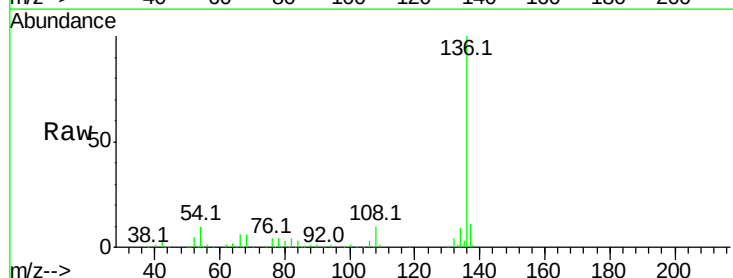
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.1 7.5 11.3

68 6.2 4.6 7.0

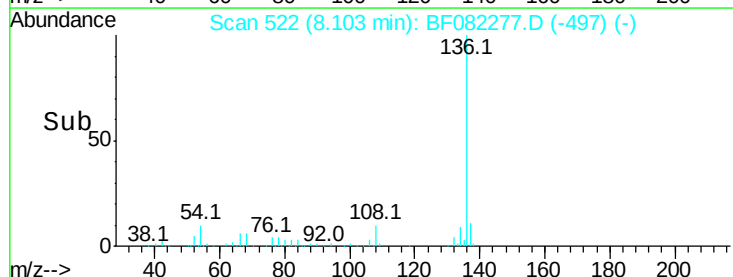
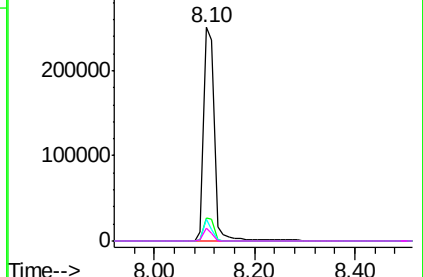


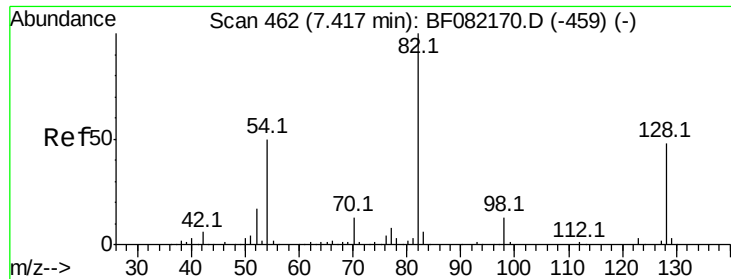
Abundance Ion 136.00 (135.70 to 136.70): E

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

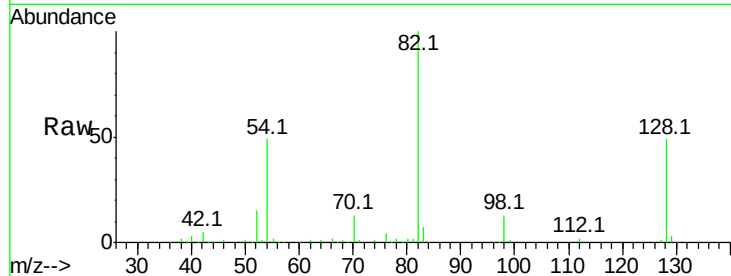




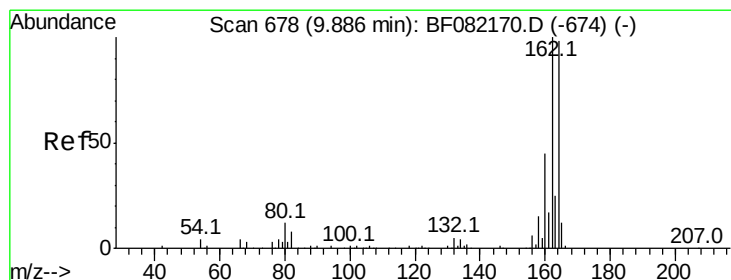
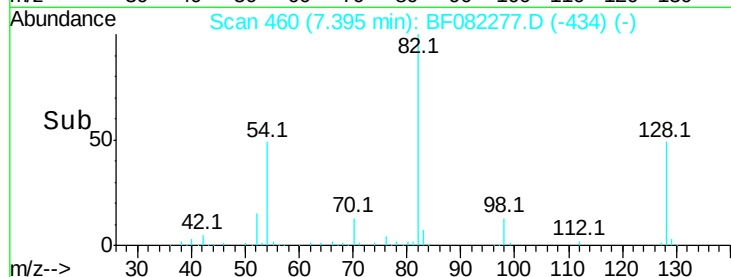
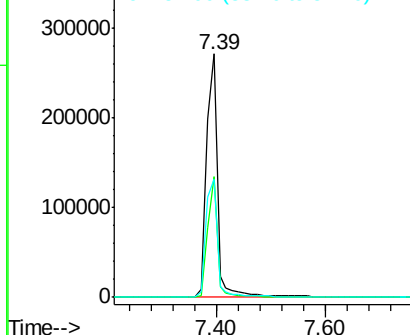
#23
Nitrobenzene-d5
Concen: 67.97 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB86108BL

Tot Ion: 82 Resp: 380916
Ion Ratio Lower Upper
82 100
128 49.4 38.7 58.1
54 48.7 40.1 60.1

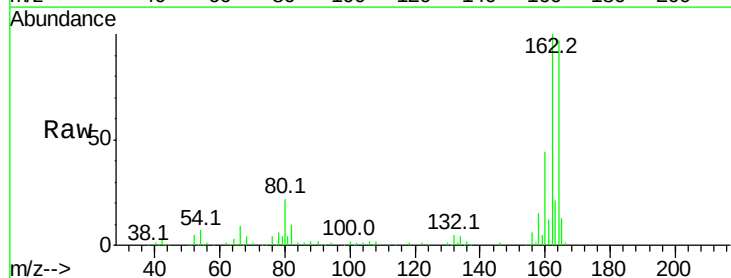


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

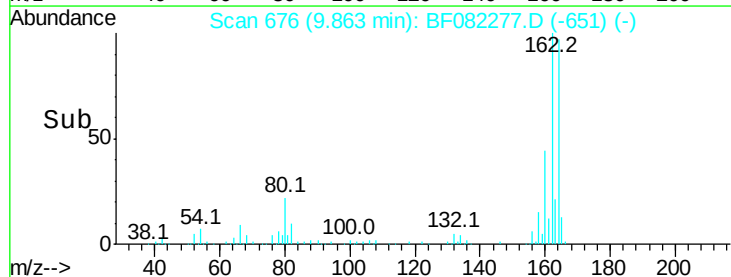
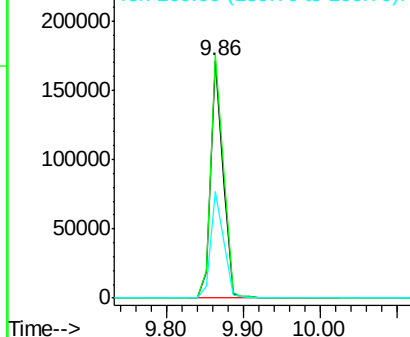


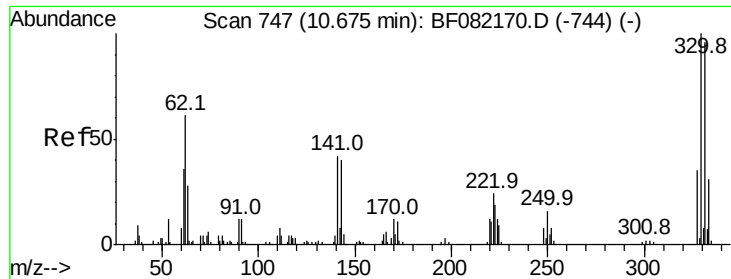
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Tgt Ion:164 Resp: 190613
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 44.8 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

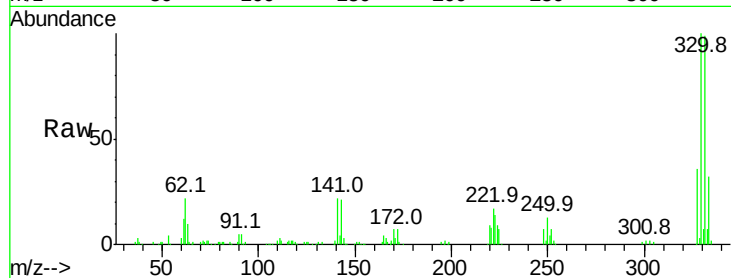




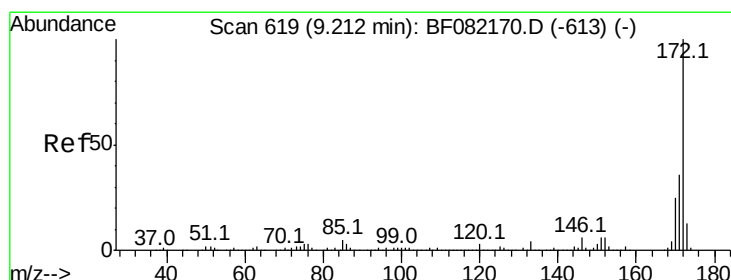
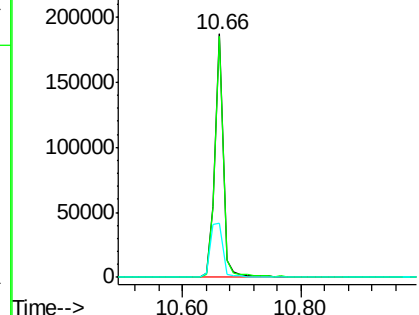
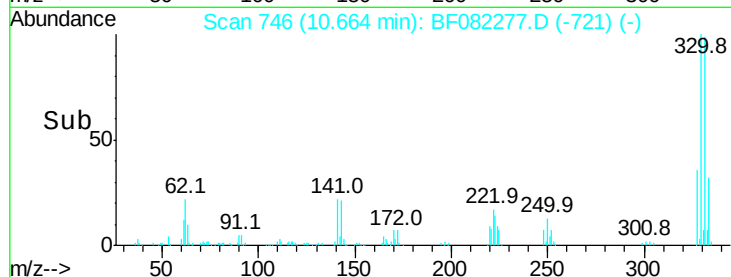
#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082277.D
 Acq: 14 Oct 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BL

Tot Ion:330 Resp: 189302
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.1 115.7
 141 33.7 29.8 44.8

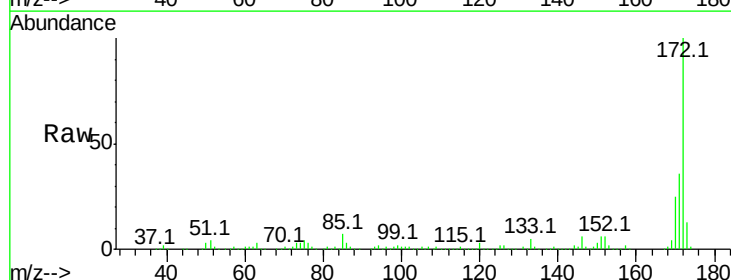


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

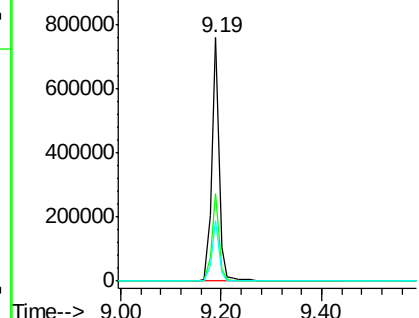
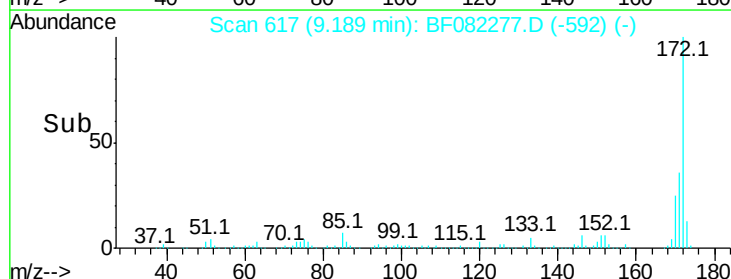


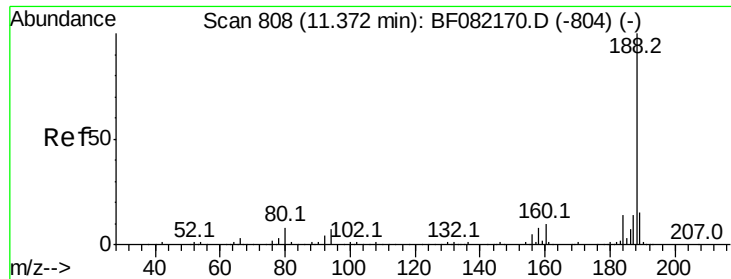
#44
 2-Fluorobiphenyl
 Concen: 67.85 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082277.D
 Acq: 14 Oct 2015 14:04

Tgt Ion:172 Resp: 779827
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.7 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

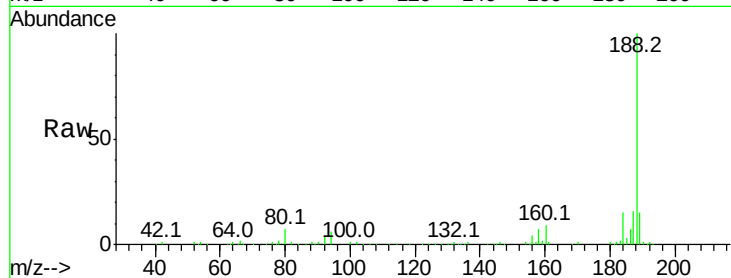




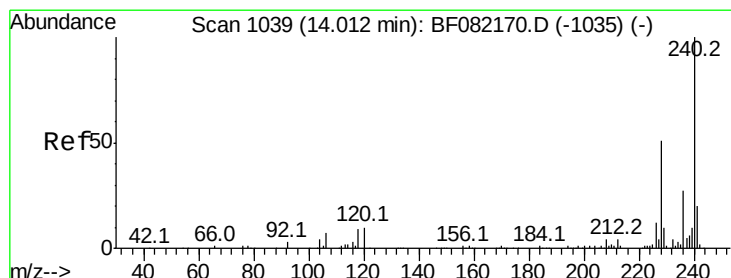
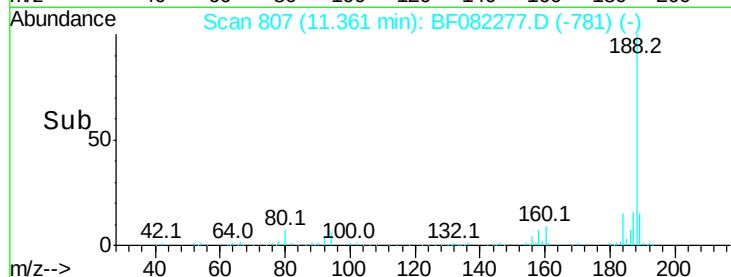
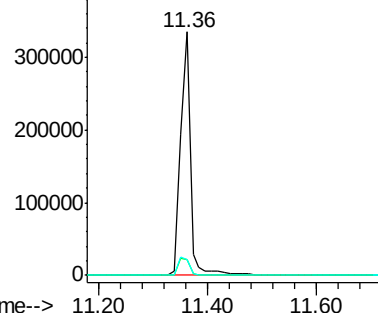
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB86108BL

Tot Ion:188 Resp: 418899
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 6.7 6.4 9.6

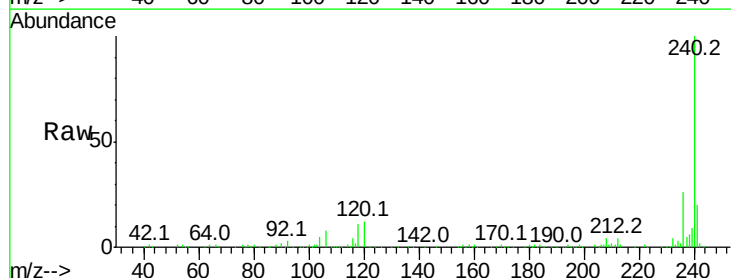


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

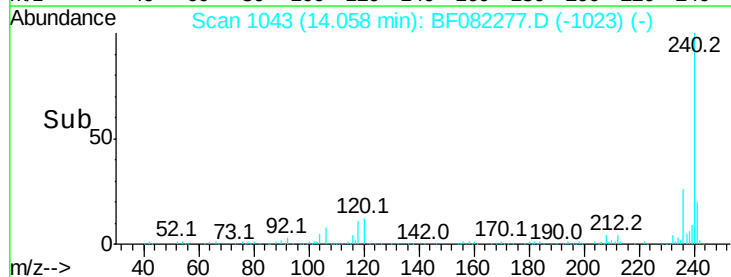
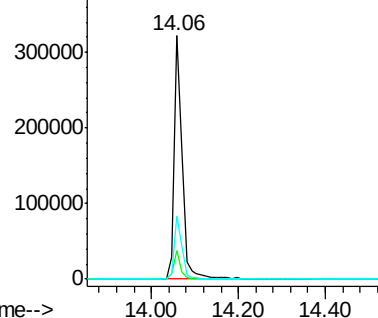


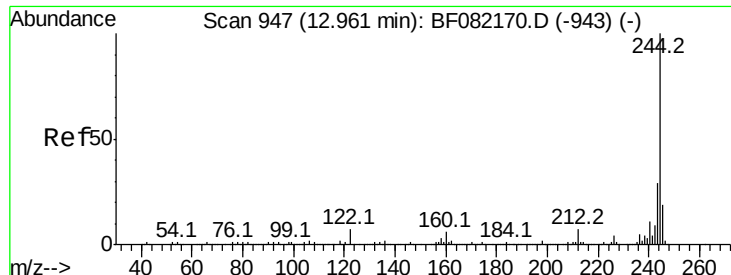
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.07 min
Lab File: BF082277.D
Acq: 14 Oct 2015 14:04

Tgt Ion:240 Resp: 405776
Ion Ratio Lower Upper
240 100
120 11.8 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



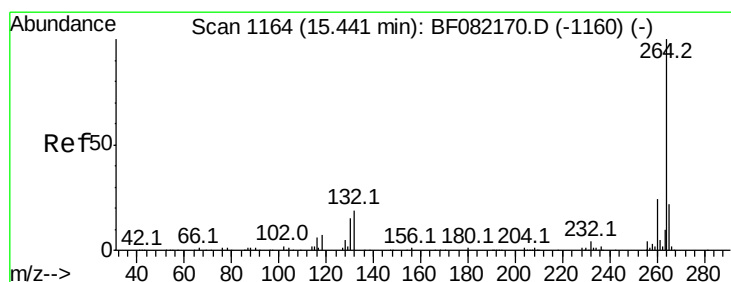
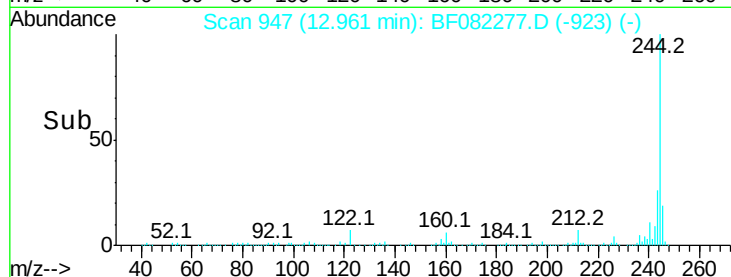
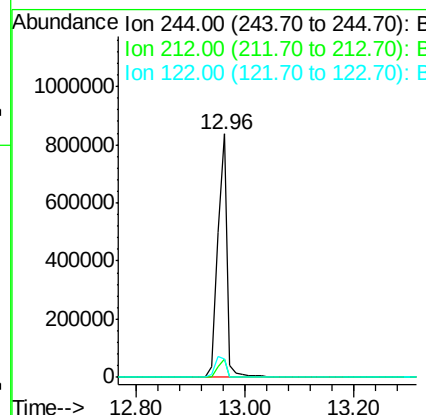
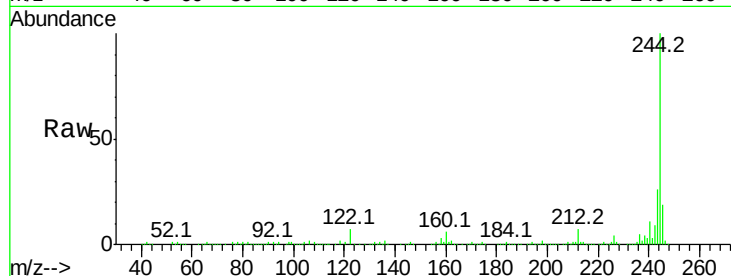


#78
 Terphenyl-d14
 Concen: 66.15 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082277.D
 Acq: 14 Oct 2015 14:04

Instrument :
 BNA_F
 ClientSampleID :
 PB86108BL

Tot Ion:244 Resp: 1012971

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.5	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1179
 Delta R.T. -0.13 min
 Lab File: BF082277.D
 Acq: 14 Oct 2015 14:04

Tgt Ion:264 Resp: 295401

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.0	17.3	25.9

