

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082256.D
 Acq On : 13 Oct 2015 16:10
 Operator : UM/IZ
 Sample : PB86092BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Quant Time: Oct 14 01:47:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76582	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303852	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	153443	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	306245	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	317383	20.00	ng	-0.06
86) Perylene-d12	15.65	264	280145	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	475317	125.26	ng	0.01
7) Phenol-d6	6.46	99	572759	115.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	350329	77.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	153128	106.41	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	730355	78.93	ng	0.00
78) Terphenyl-d14	12.96	244	829712	69.28	ng	-0.02

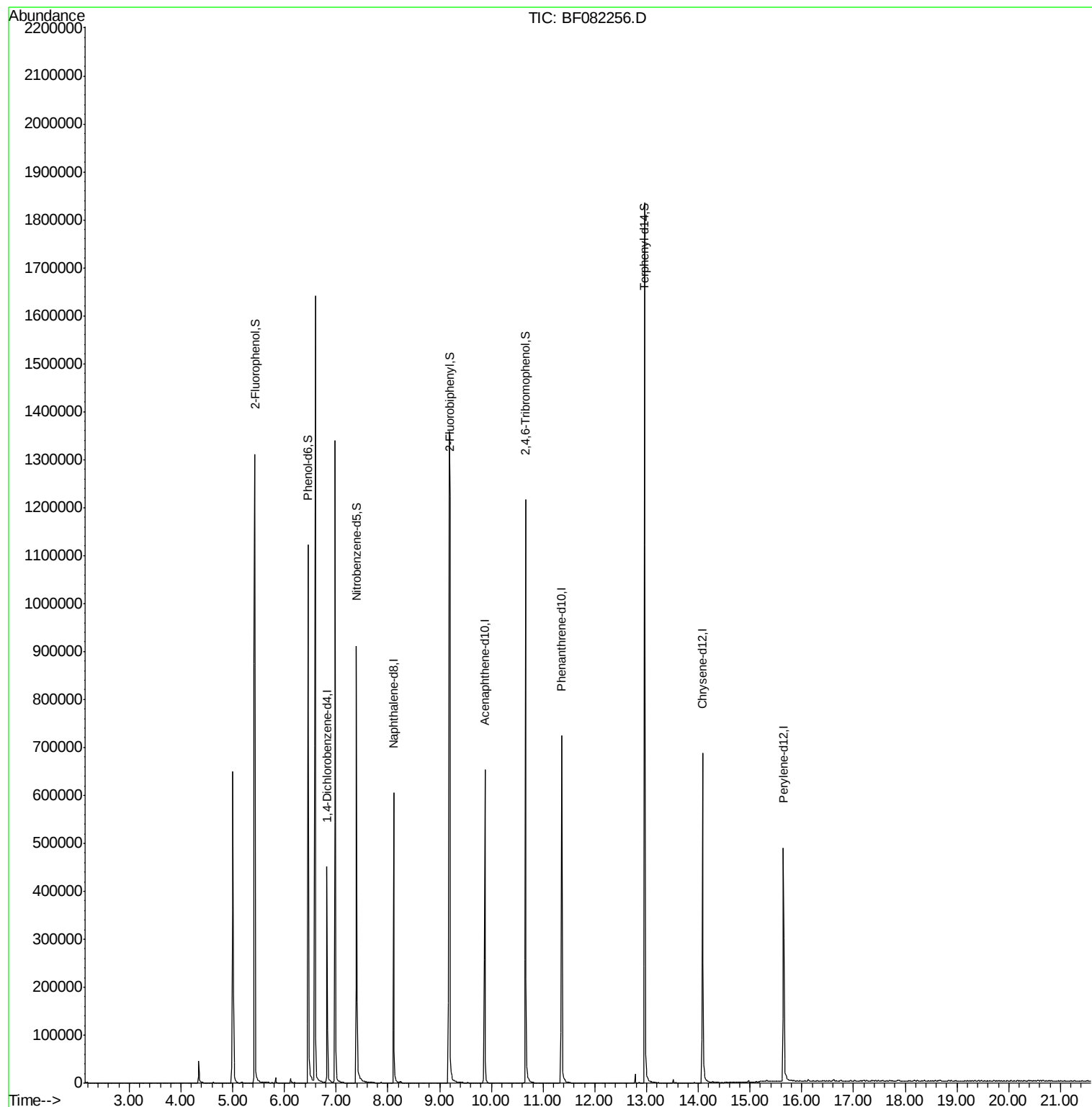
Target Compounds Qvalue

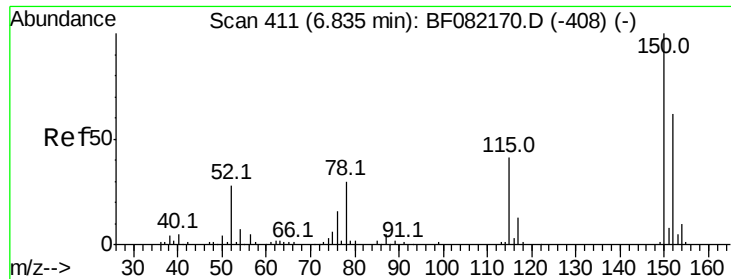
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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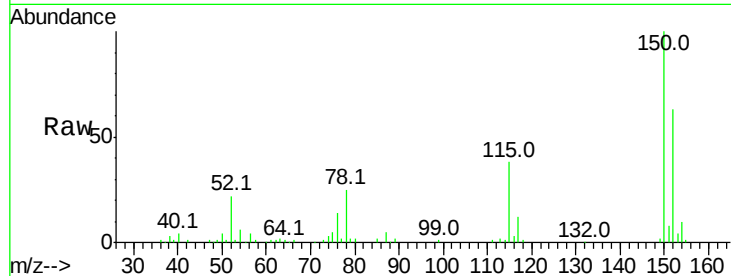


#1

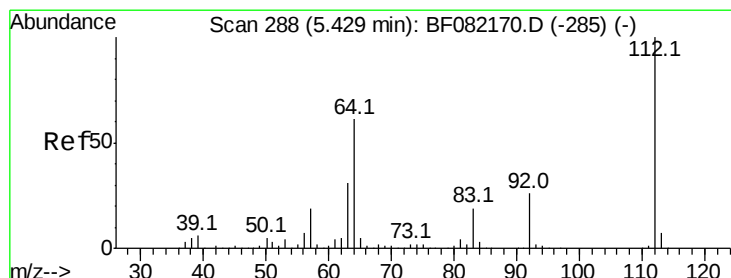
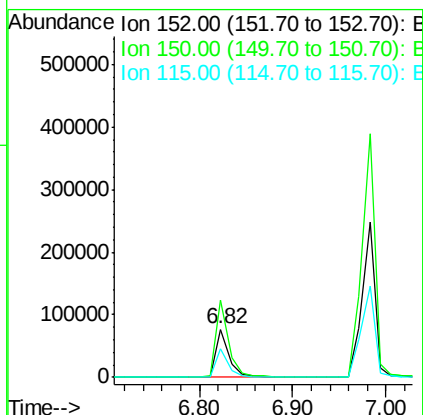
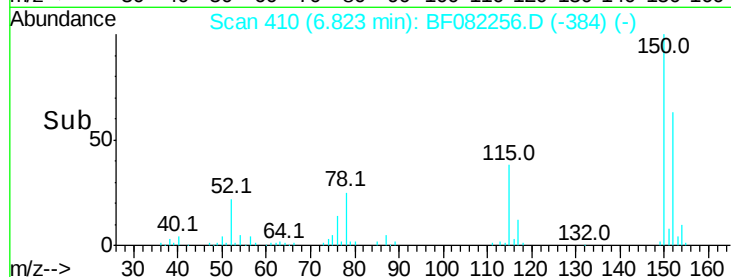
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB86092BL

Tot Ion:152 Resp: 76582
Ion Ratio Lower Upper
152 100
150 159.2 129.0 193.4
115 59.9 52.1 78.1



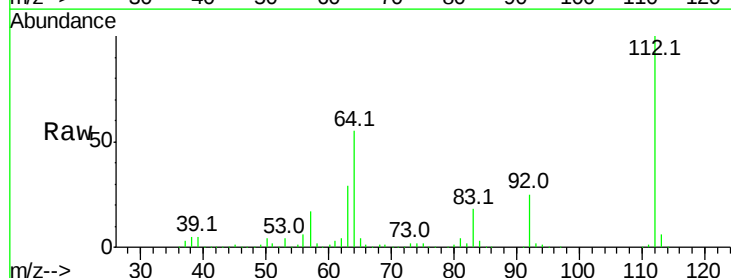
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



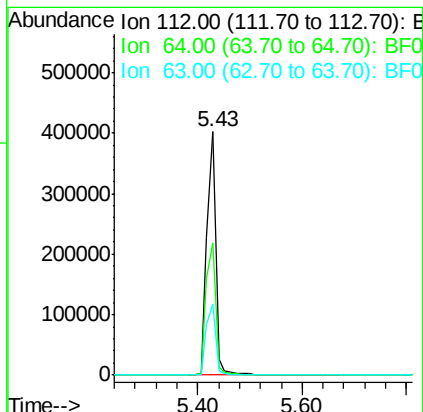
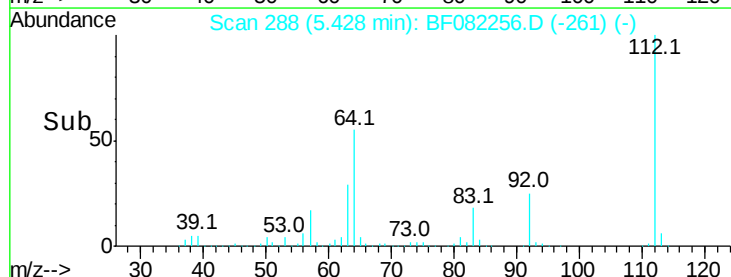
#5

2-Fluorophenol
Concen: 125.26 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Tgt Ion:112 Resp: 475317
Ion Ratio Lower Upper
112 100
64 54.5 48.6 73.0
63 29.3 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: 115.99 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampled :

PB86092BL

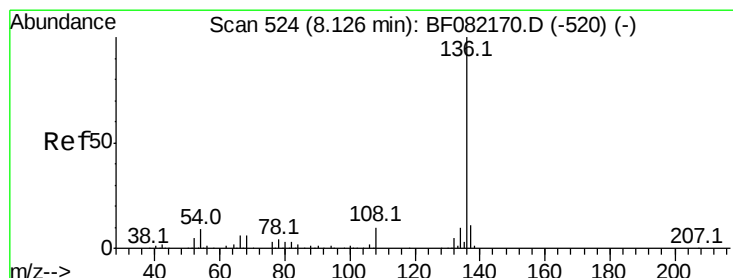
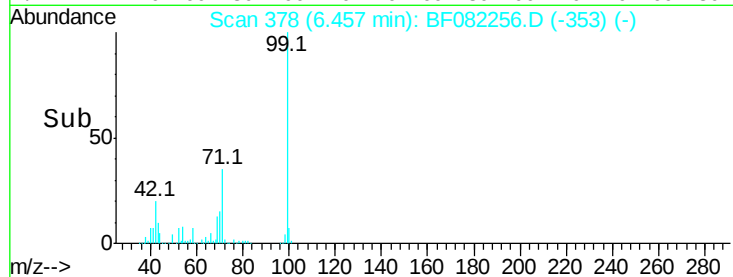
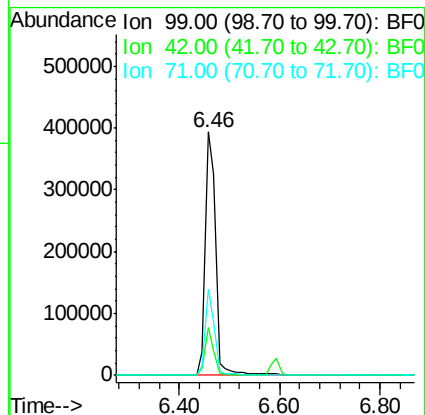
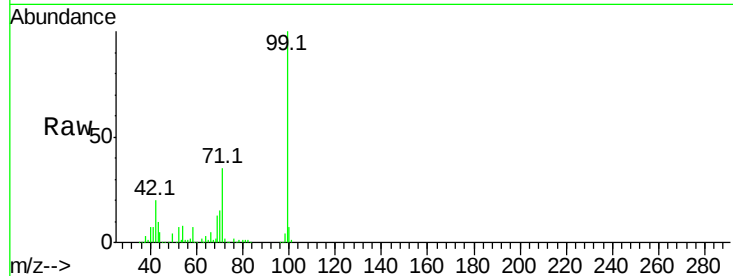
Tot Ion: 99 Resp: 572759

Ion Ratio Lower Upper

99 100

42 19.8 13.2 19.8#

71 35.3 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: BF082256.D

Acq: 13 Oct 2015 16:10

Tgt Ion: 136 Resp: 303852

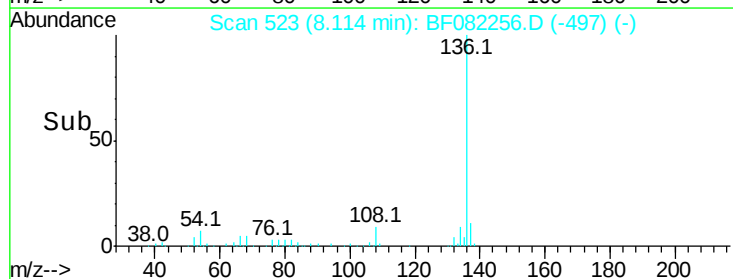
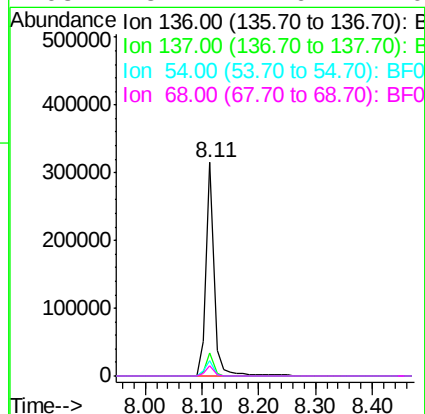
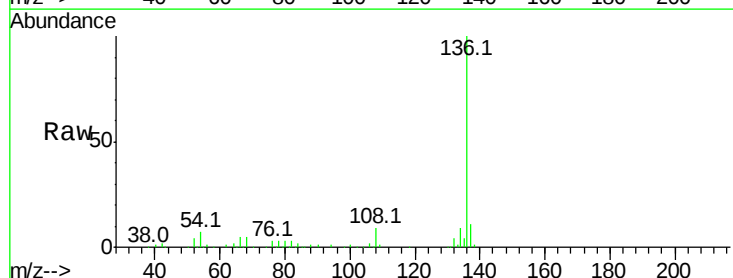
Ion Ratio Lower Upper

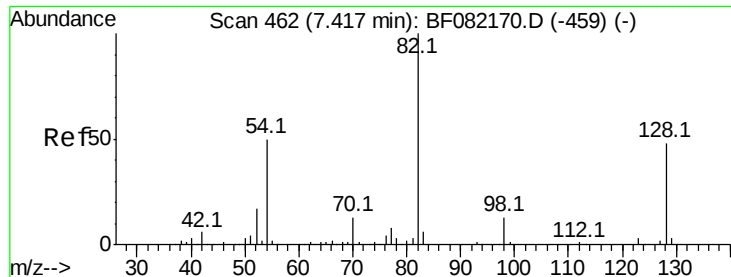
136 100

137 10.8 9.0 13.6

54 7.4 7.5 11.3#

68 5.1 4.6 7.0

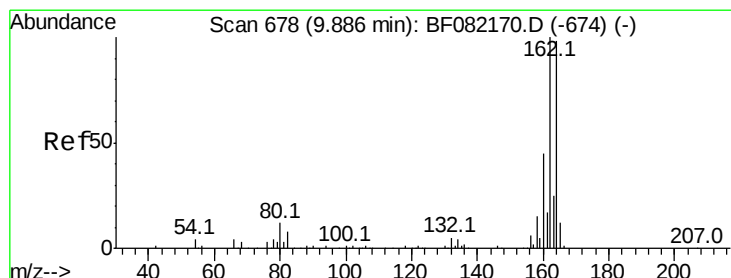
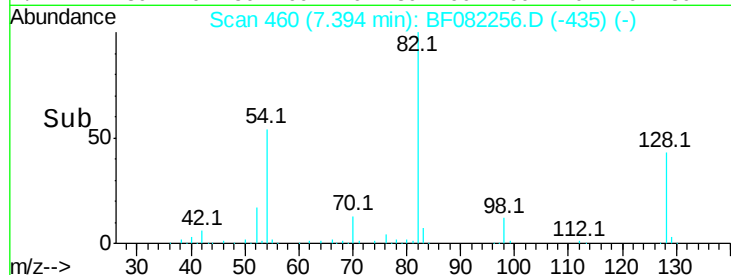
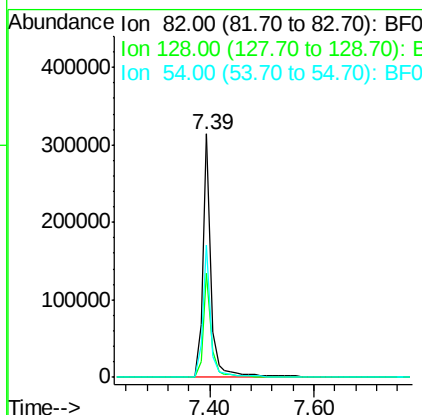
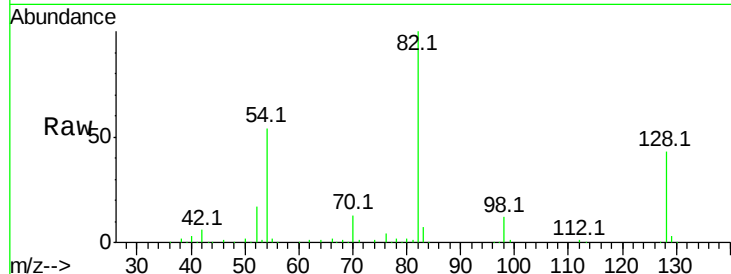




#23
 Nitrobenzene-d5
 Concen: 77.43 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

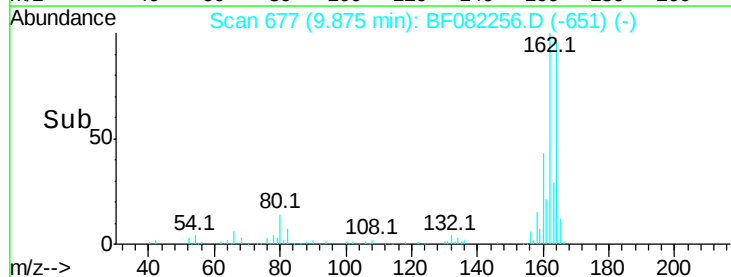
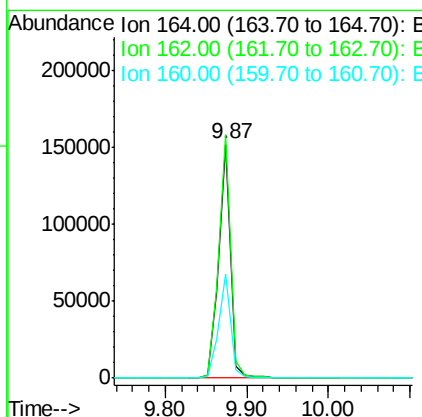
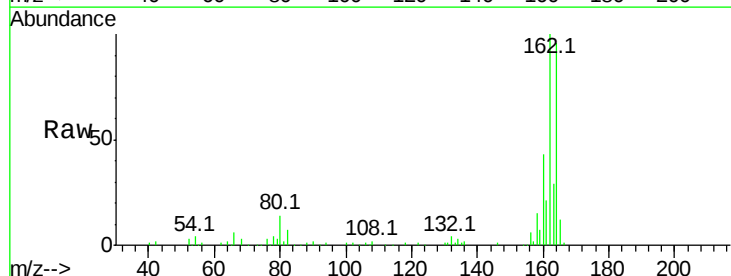
Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Tot Ion	82	Resp	350329
Ion Ratio	100	Lower	Upper
128	42.9	38.7	58.1
54	54.1	40.1	60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Tgt Ion	164	Resp	153443
Ion Ratio	100	Lower	Upper
162	104.2	81.6	122.4
160	44.5	36.4	54.6

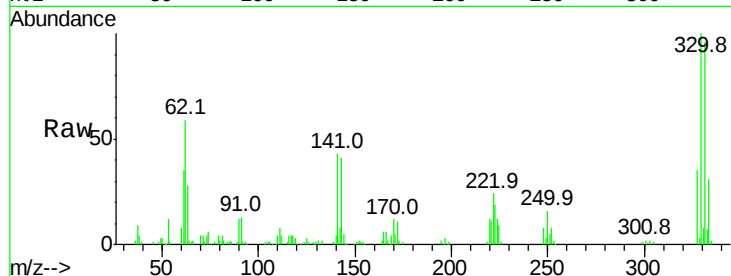




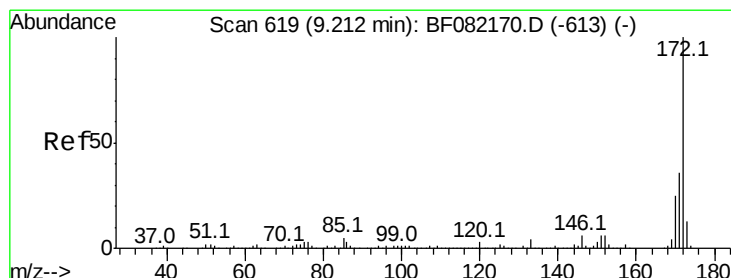
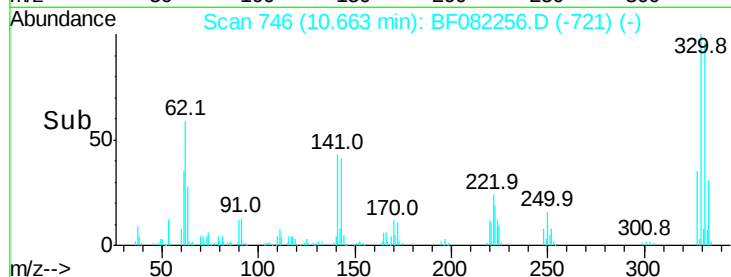
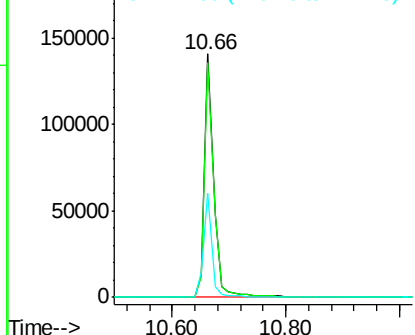
#41
 2,4,6-Tribromophenol
 Concen: 106.41 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Tot Ion:330 Resp: 153128
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 39.1 29.8 44.8

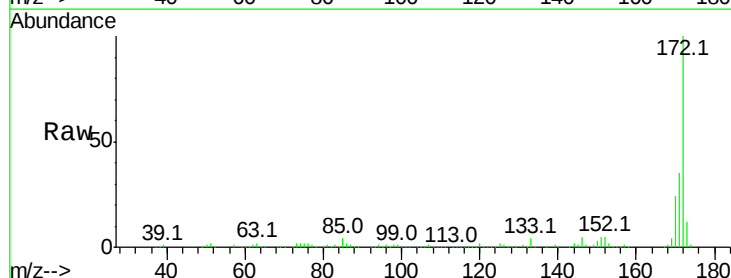


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

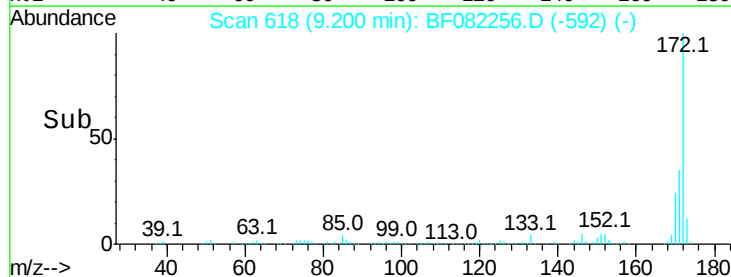
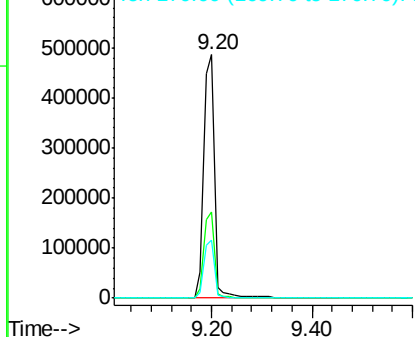


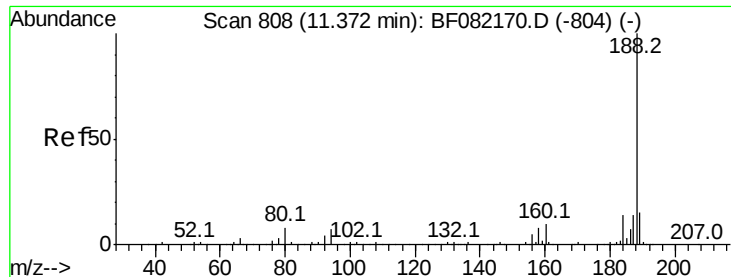
#44
 2-Fluorobiphenyl
 Concen: 78.93 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Tgt Ion:172 Resp: 730355
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.8 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

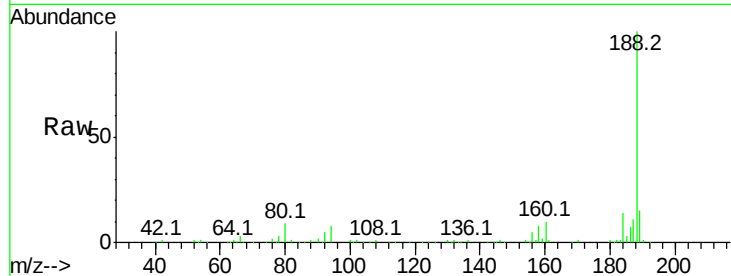




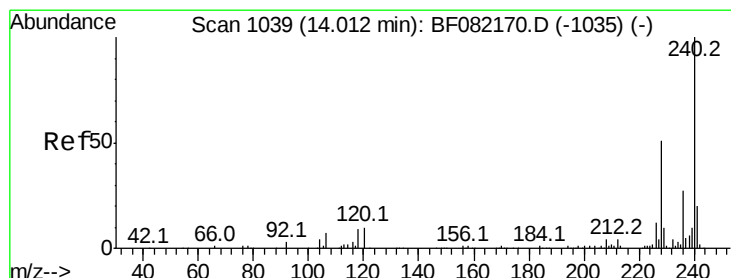
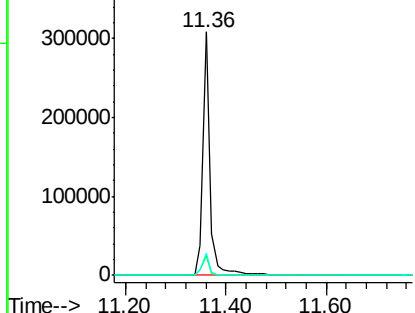
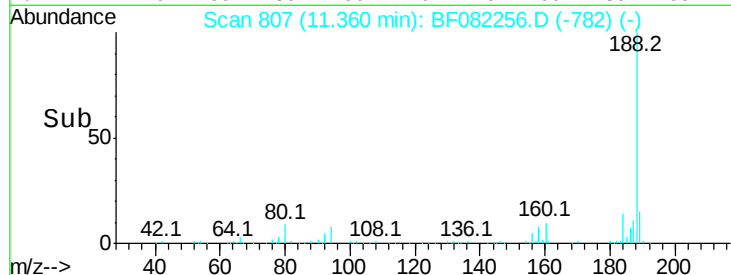
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB86092BL

Tot Ion:188 Resp: 306245
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 8.9 6.4 9.6

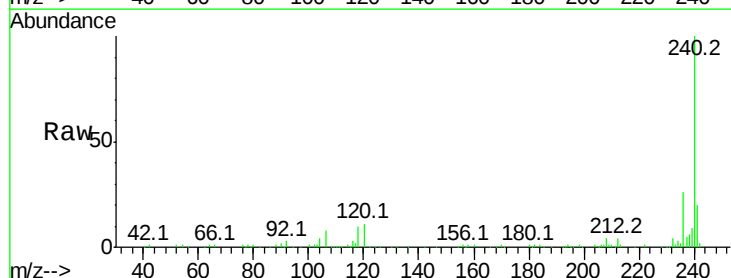


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

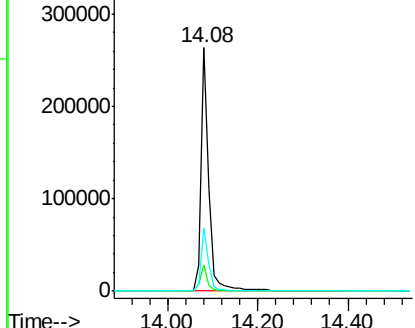
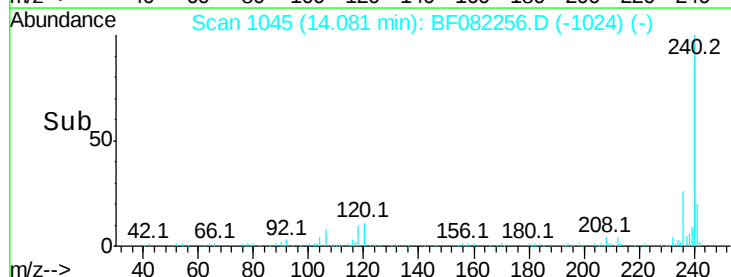


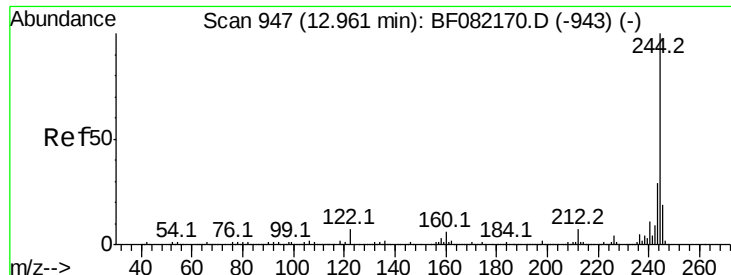
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Tgt Ion:240 Resp: 317383
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.8 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: 69.28 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB86092BL

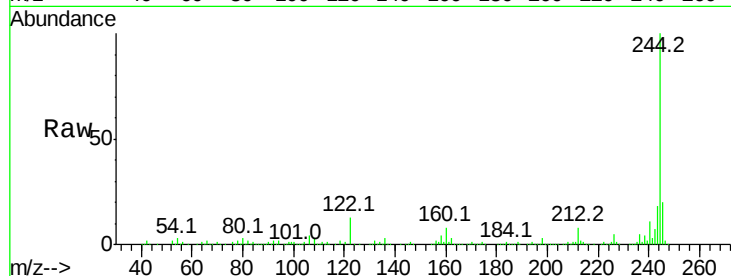
Tot Ion:244 Resp: 829712

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

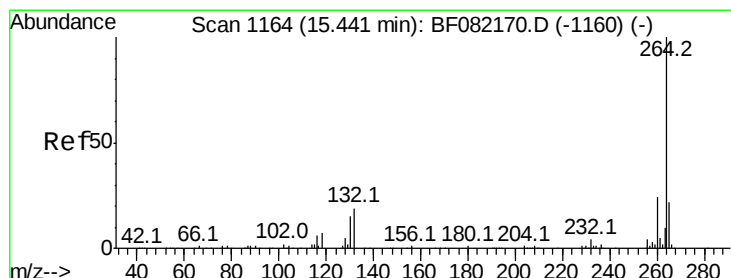
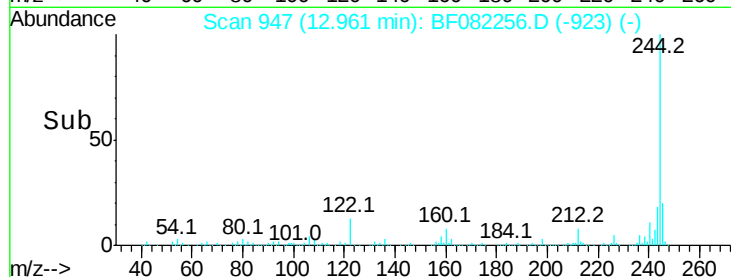
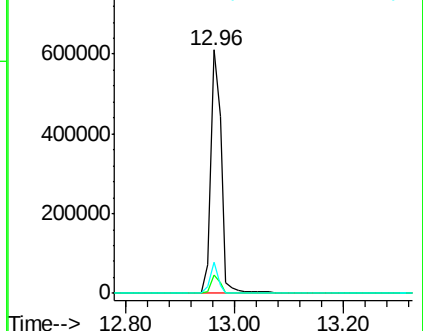
122 12.7 5.9 8.9#



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: 15.65 min Scan# 1182

Delta R.T. -0.13 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

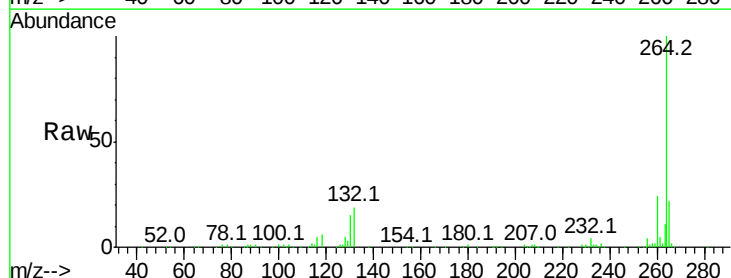
Tgt Ion:264 Resp: 280145

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 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

