

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090857.D
 Acq On : 26 Oct 2016 23:05
 Operator : UM/SJ
 Sample : H5403-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA2

Quant Time: Oct 27 02:29:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	155877	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	661221	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	340675	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	615010	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	487848	20.00	ng	-0.01
86) Perylene-d12	15.36	264	345638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1148975	128.88	ng	0.00
7) Phenol-d6	6.43	99	1382069	114.91	ng	-0.01
23) Nitrobenzene-d5	7.36	82	954648	94.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	505817	144.48	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1733041	89.33	ng	-0.02
78) Terphenyl-d14	12.90	244	2156971	111.39	ng	-0.02

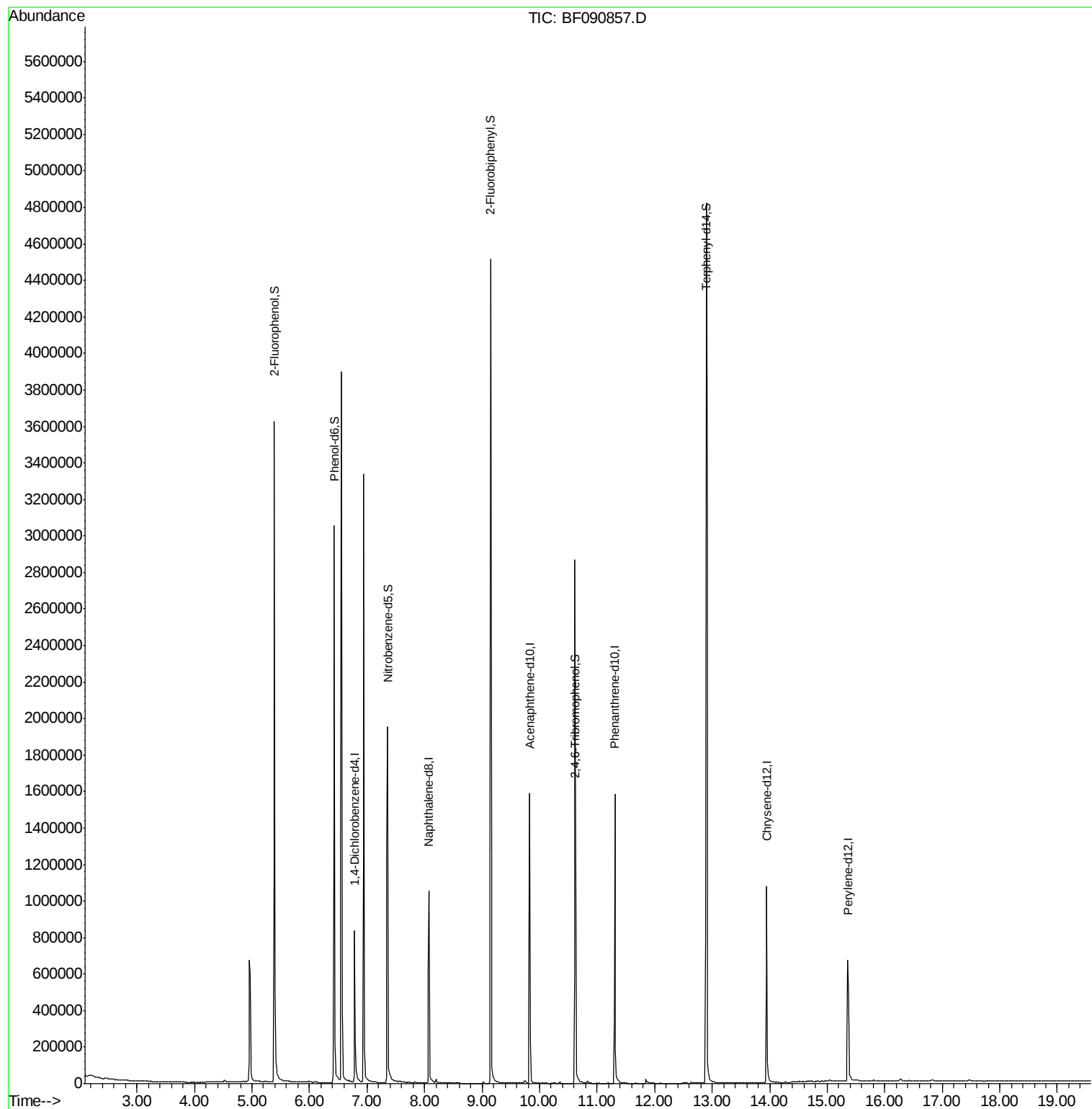
Target Compounds Qvalue

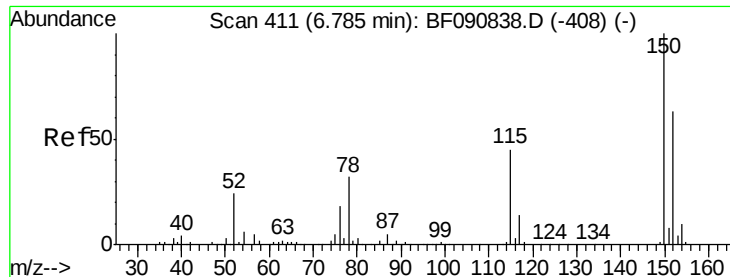
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090857.D
Acq On : 26 Oct 2016 23:05
Operator : UM/SJ
Sample : H5403-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0AA2

Quant Time: Oct 27 02:29:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

Instrument :

BNA_F

ClientSampleId :

C0AA2

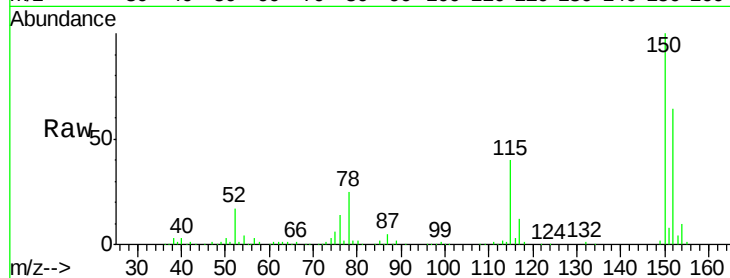
Tot Ion:152 Resp: 155877

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

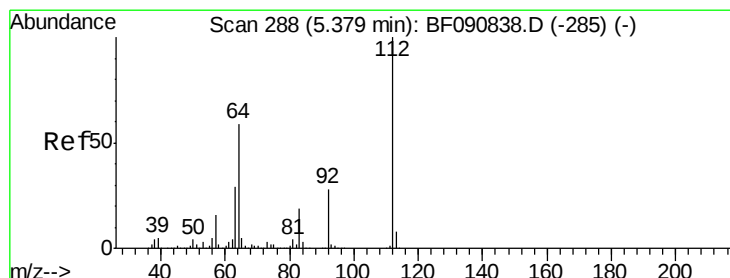
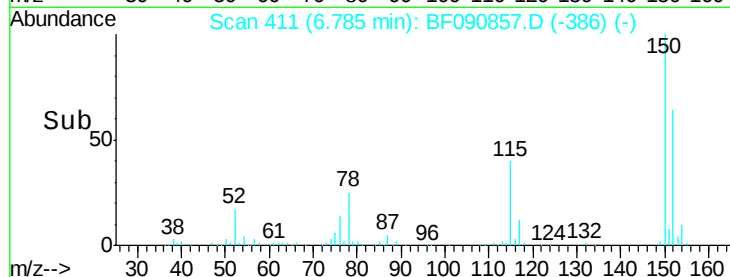
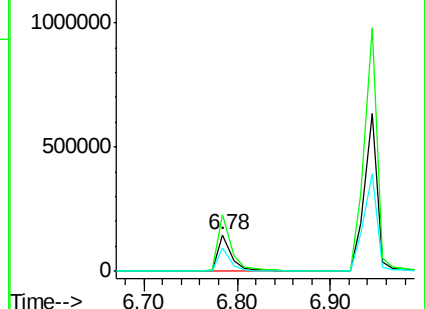
115 62.3 39.0 58.4#



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: 128.88 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

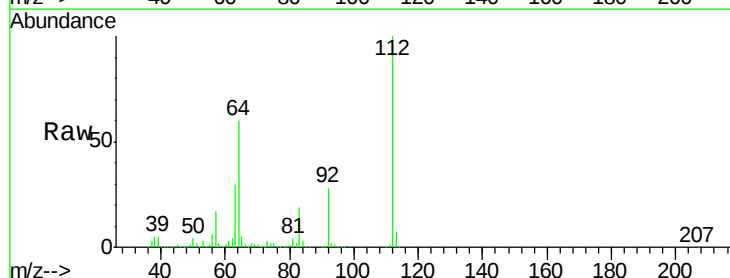
Tgt Ion:112 Resp: 1148975

Ion Ratio Lower Upper

112 100

64 59.7 39.7 59.5#

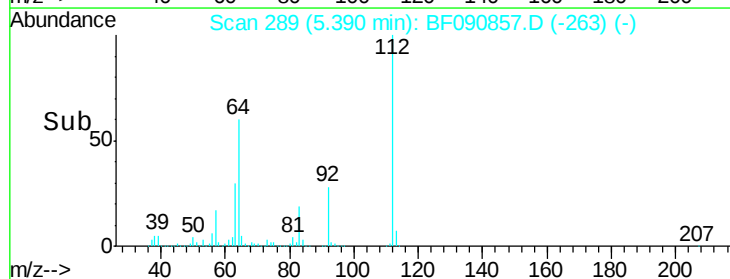
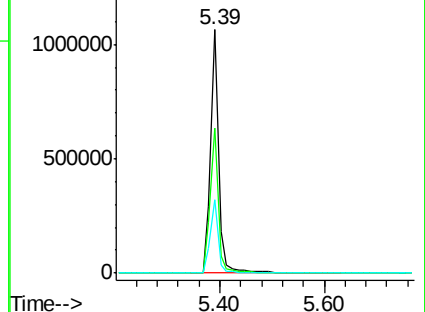
63 30.1 17.4 26.0#

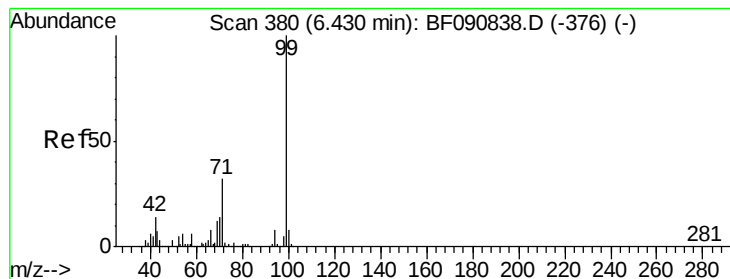


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.91 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

Instrument :

BNA_F

ClientSampleId :

C0AA2

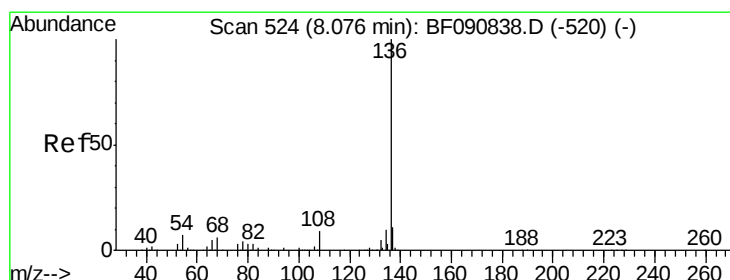
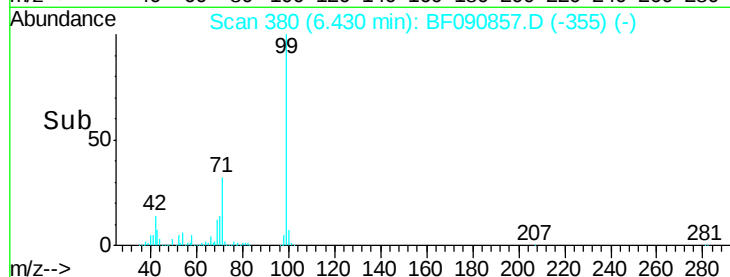
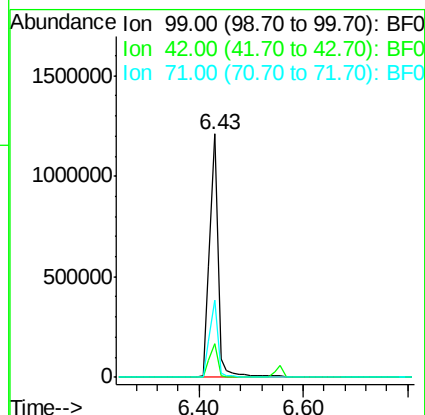
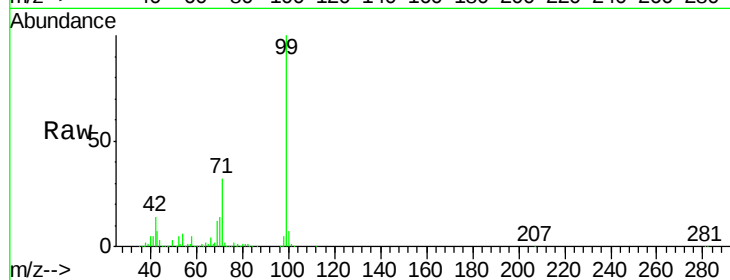
Tot Ion: 99 Resp: 1382069

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

71 31.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

Tgt Ion: 136 Resp: 661221

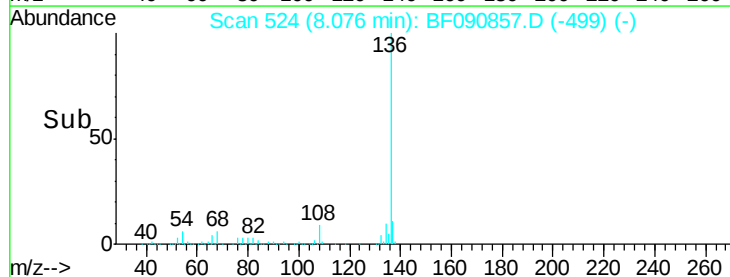
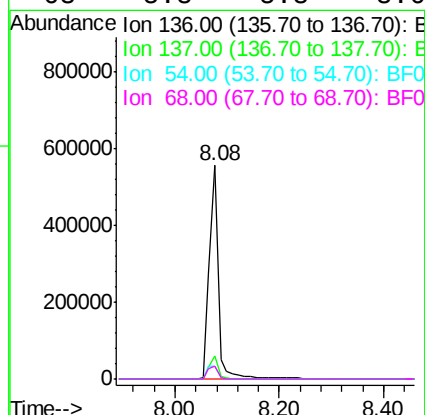
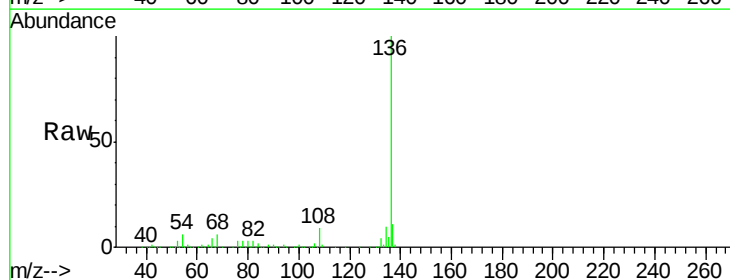
Ion Ratio Lower Upper

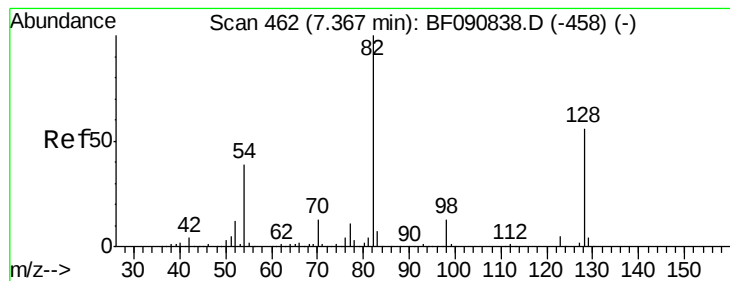
136 100

137 10.7 9.0 13.6

54 6.1 8.2 12.2#

68 5.8 5.8 8.6





#23

Nitrobenzene-d5

Concen: 94.51 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

Instrument :

BNA_F

ClientSampleId :

C0AA2

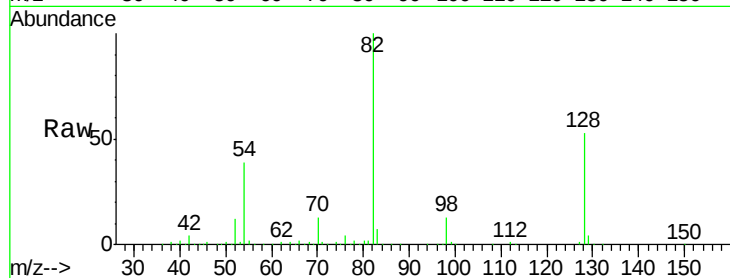
Tot Ion: 82 Resp: 954648

Ion Ratio Lower Upper

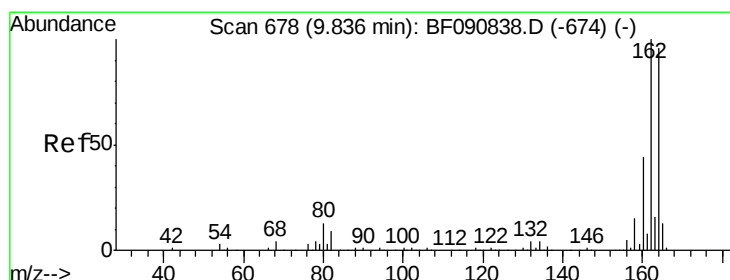
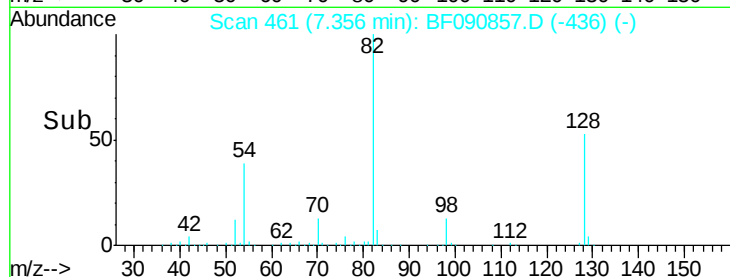
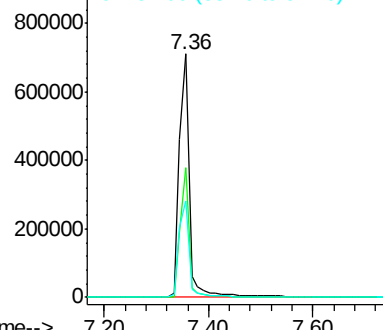
82 100

128 53.4 51.0 76.6

54 39.4 47.5 71.3#



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090857.D

Acq: 26 Oct 2016 23:05

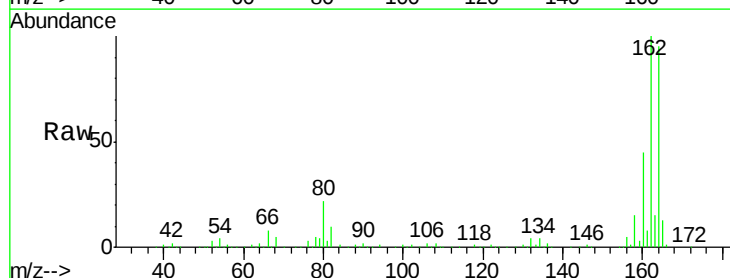
Tgt Ion:164 Resp: 340675

Ion Ratio Lower Upper

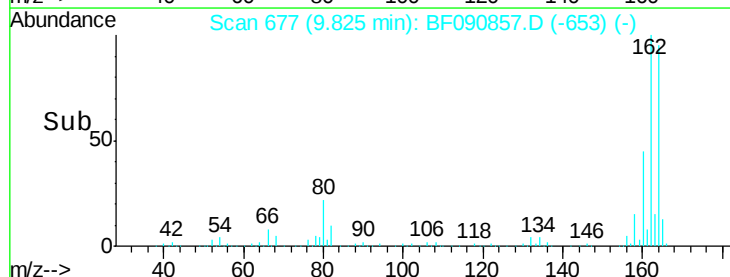
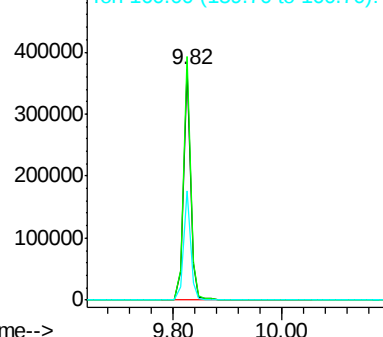
164 100

162 105.7 75.2 112.8

160 47.3 31.5 47.3



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

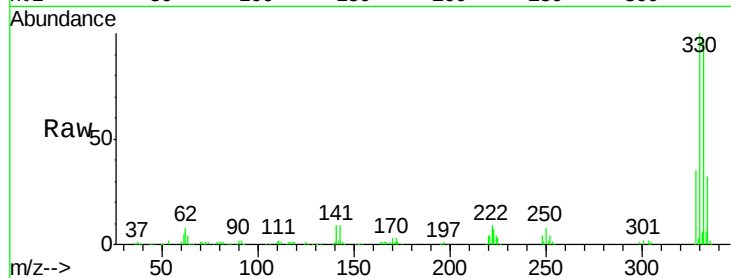




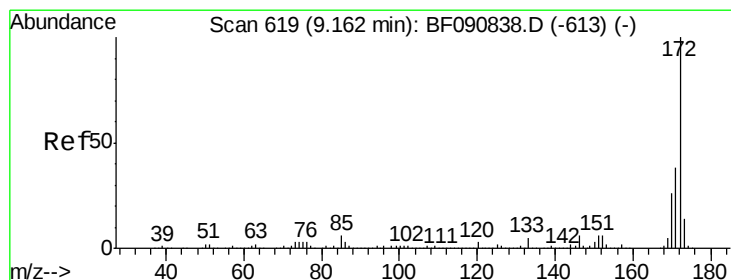
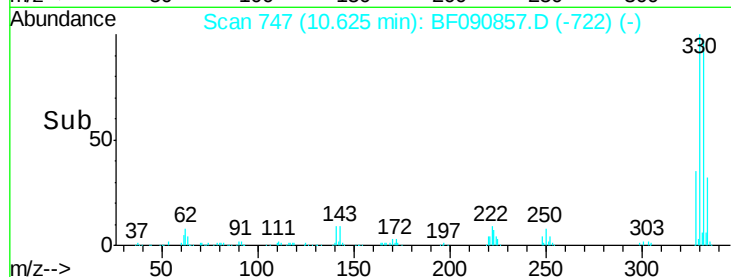
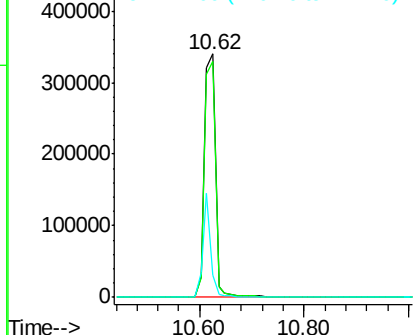
#41
 2,4,6-Tribromophenol
 Concen: 144.48 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090857.D
 Acq: 26 Oct 2016 23:05

Instrument :
 BNA_F
 ClientSampled :
 C0AA2

Tot Ion:330 Resp: 505817
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 30.8 29.7 44.5

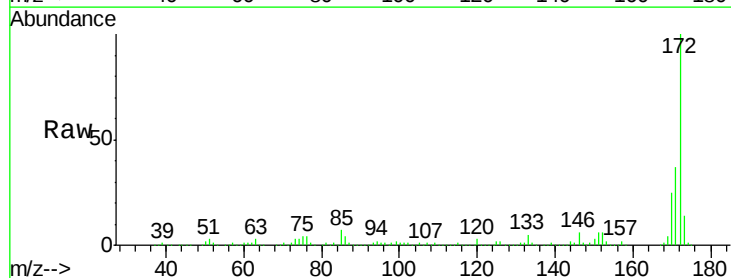


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

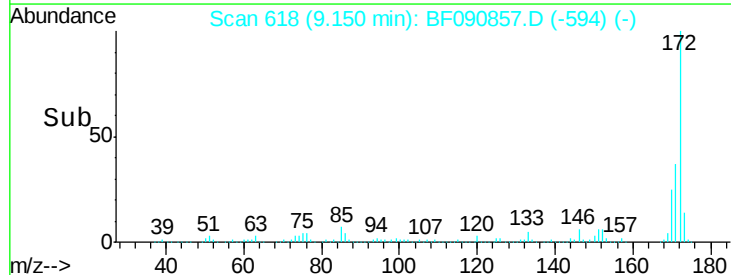
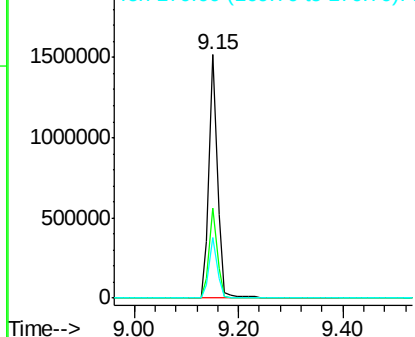


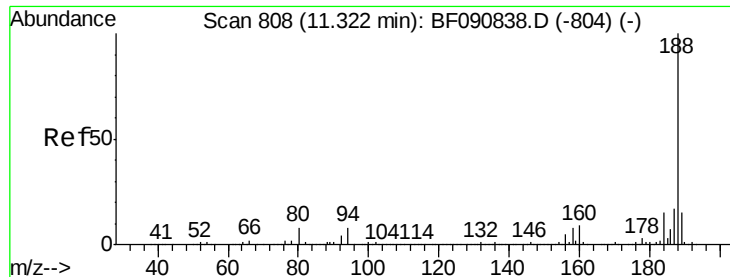
#44
 2-Fluorobiphenyl
 Concen: 89.33 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090857.D
 Acq: 26 Oct 2016 23:05

Tgt Ion:172 Resp: 1733041
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 24.8 17.4 26.2



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

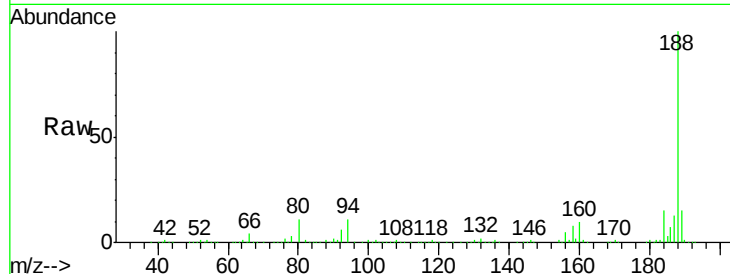




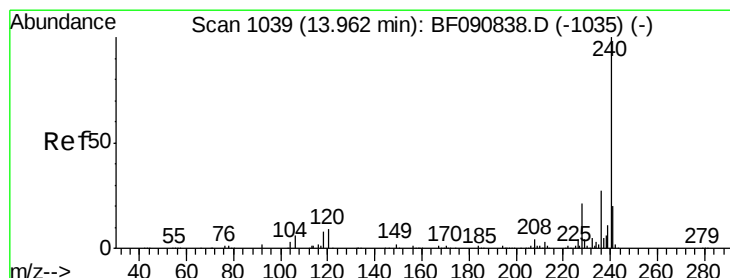
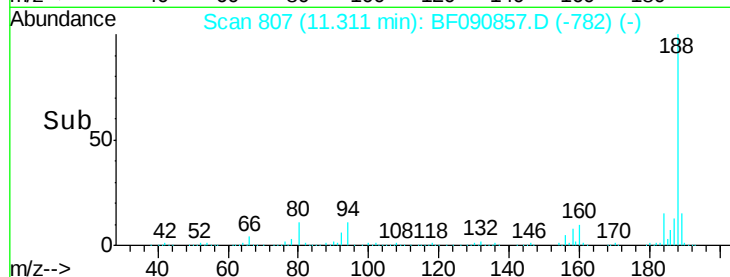
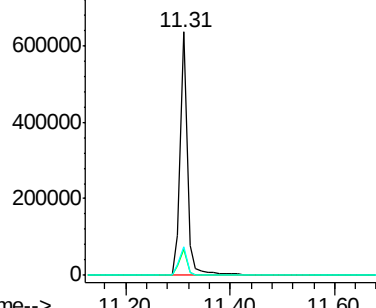
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090857.D
Acq: 26 Oct 2016 23:05

Instrument :
BNA_F
ClientSampleId :
C0AA2

Tot Ion:188 Resp: 615010
Ion Ratio Lower Upper
188 100
94 10.7 11.1 16.7#
80 11.5 11.0 16.4

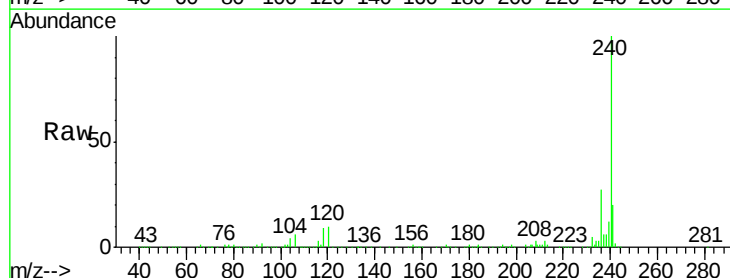


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

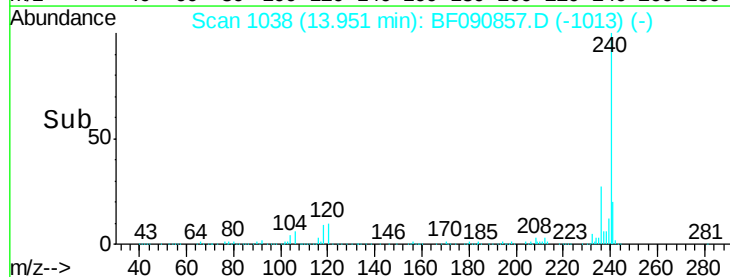
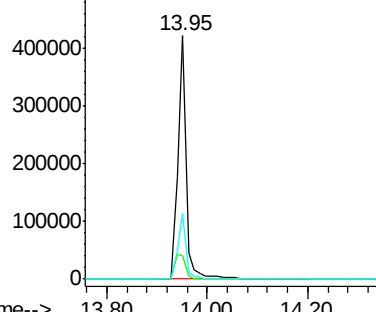


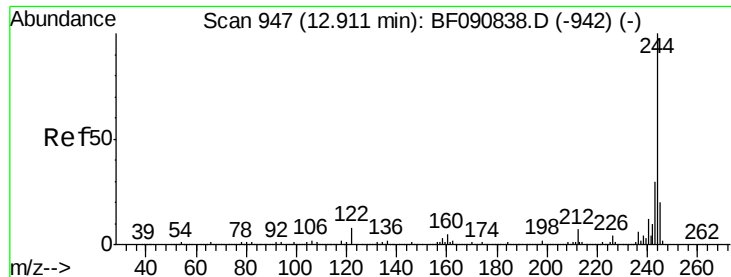
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090857.D
Acq: 26 Oct 2016 23:05

Tgt Ion:240 Resp: 487848
Ion Ratio Lower Upper
240 100
120 9.6 16.2 24.2#
236 26.8 18.4 27.6



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

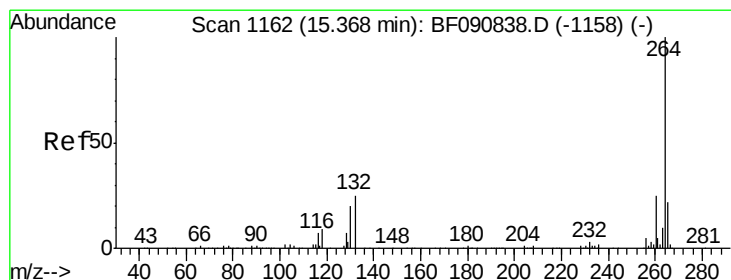
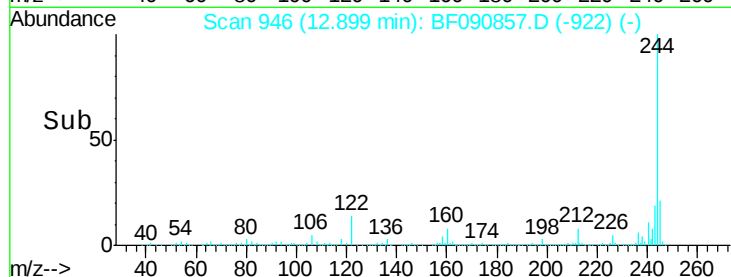
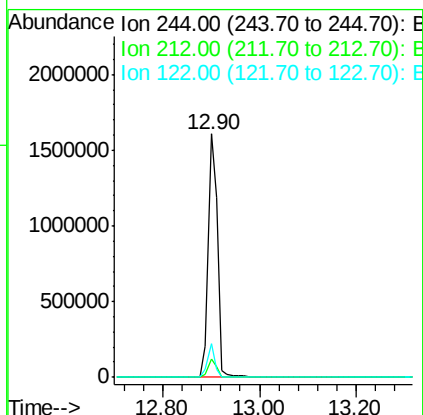
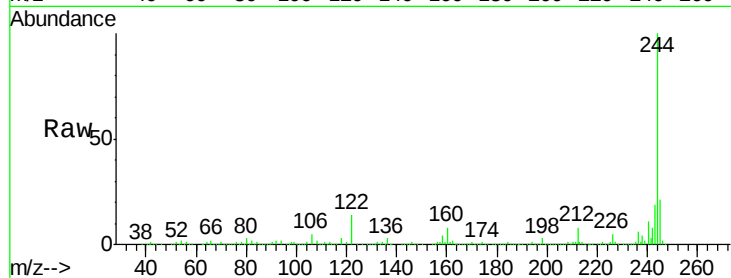




#78
 Terphenyl-d14
 Concen: 111.39 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090857.D
 Acq: 26 Oct 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 C0AA2

Tot Ion:244 Resp: 2156971
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090857.D
 Acq: 26 Oct 2016 23:05

Tgt Ion:264 Resp: 345638
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.8 17.2 25.8

