

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089523.D
 Acq On : 1 Aug 2016 21:26
 Operator : UM/SJ
 Sample : H4251-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Aug 02 03:28:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37703	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	153832	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	76309	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	133200	20.00	ng	0.00
75) Chrysene-d12	13.60	240	82743	20.00	ng	-0.01
86) Perylene-d12	14.93	264	70932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	103552	43.85	ng	0.00
7) Phenol-d6	6.14	99	97411	31.22	ng	-0.01
23) Nitrobenzene-d5	7.05	82	202114	77.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	66366	105.01	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	393865	75.75	ng	-0.01
78) Terphenyl-d14	12.56	244	266178	75.29	ng	-0.01

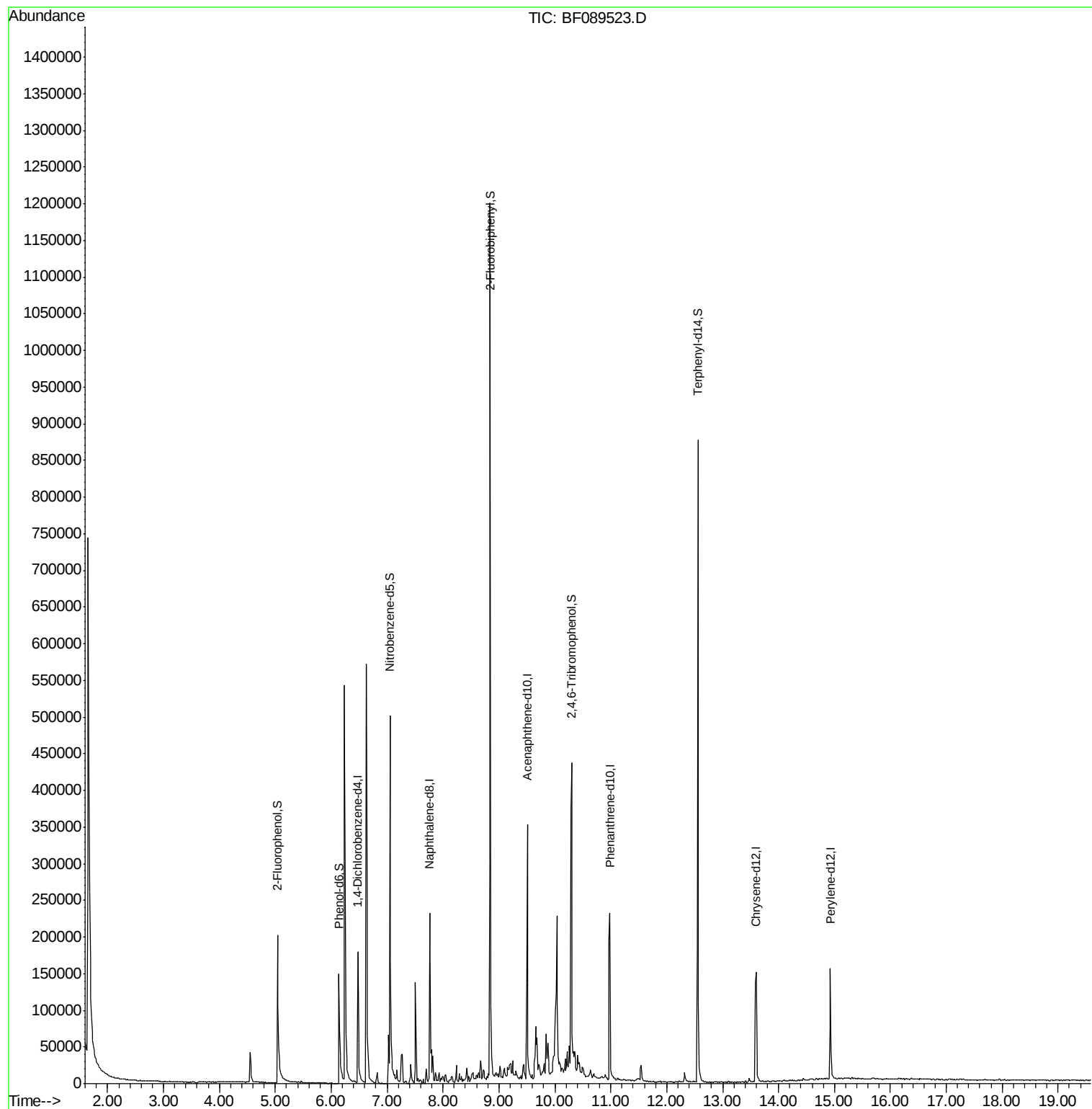
Target Compounds Qvalue

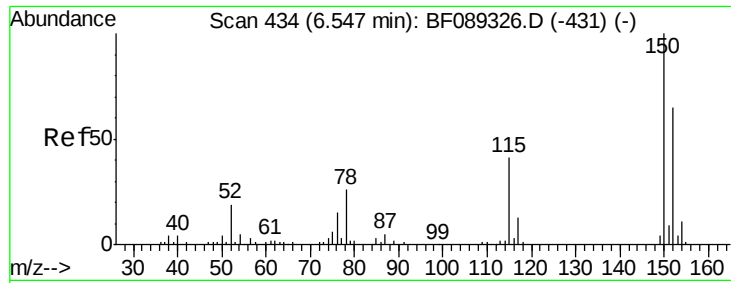
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampleId :

DUP-X

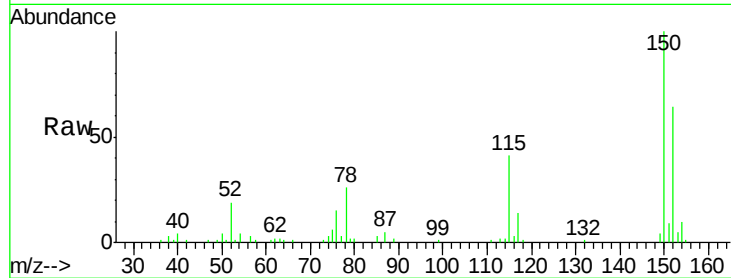
Tot Ion:152 Resp: 37703

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

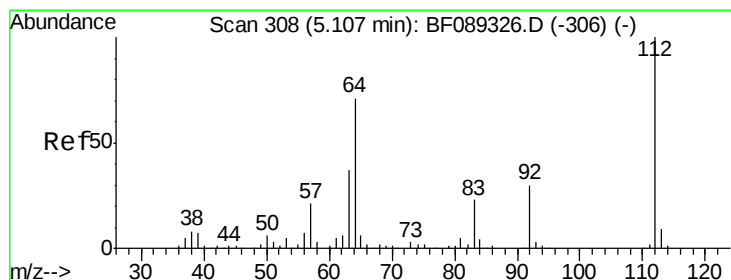
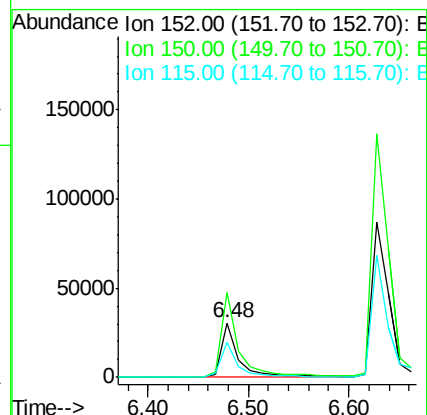
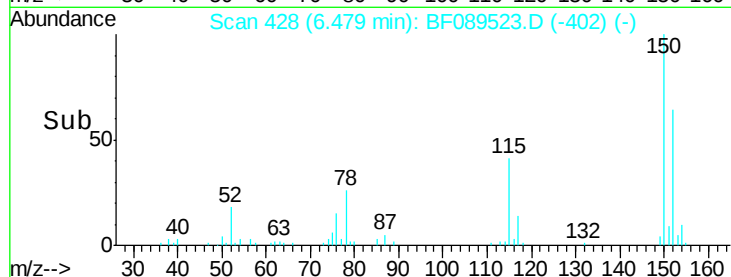
115 64.0 51.4 77.2



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: 43.85 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.00 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

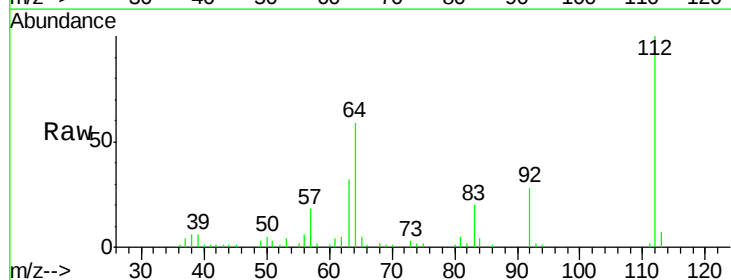
Tgt Ion:112 Resp: 103552

Ion Ratio Lower Upper

112 100

64 58.9 55.0 82.6

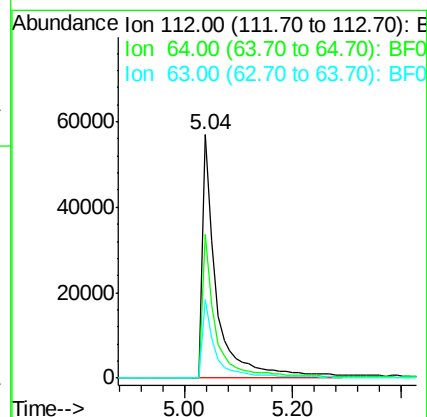
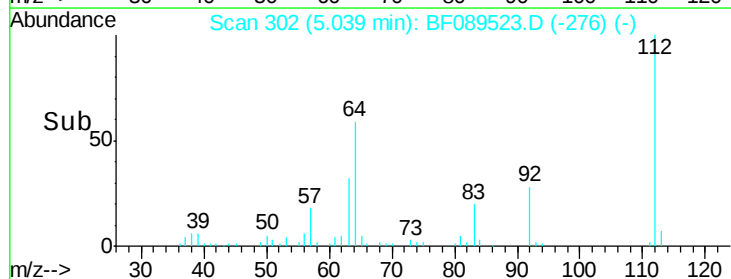
63 32.1 29.4 44.2



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: 31.22 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampleId :

DUP-X

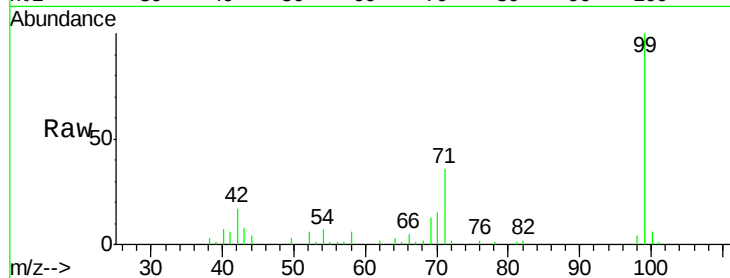
Tot Ion: 99 Resp: 97411

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

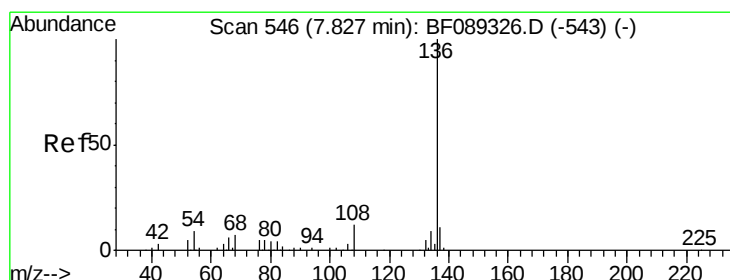
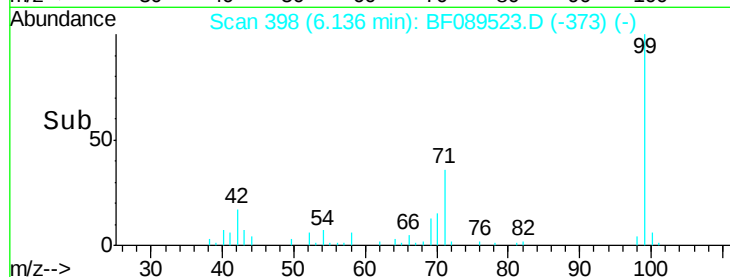
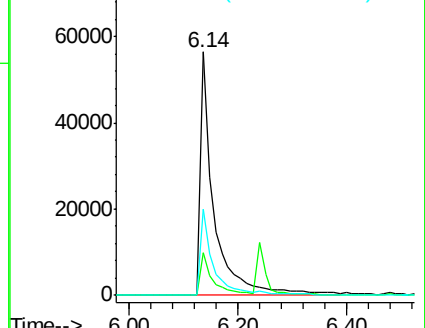
71 35.6 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Tgt Ion: 136 Resp: 153832

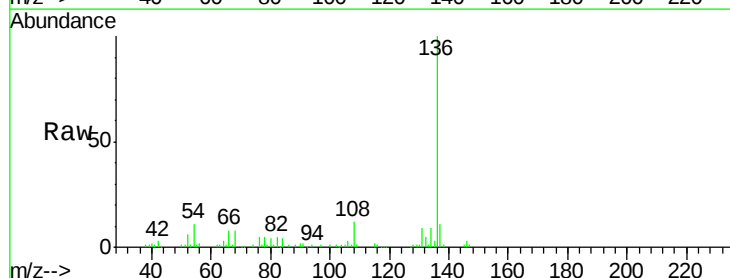
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.5 7.0 10.4#

68 8.1 4.9 7.3#

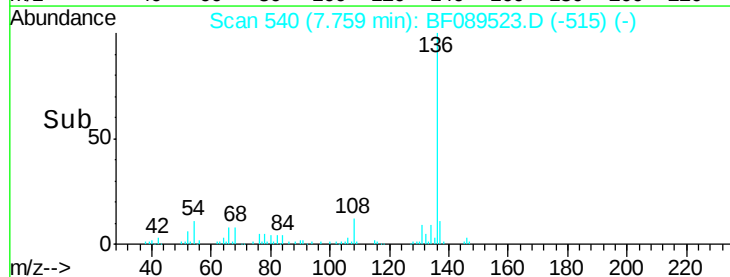
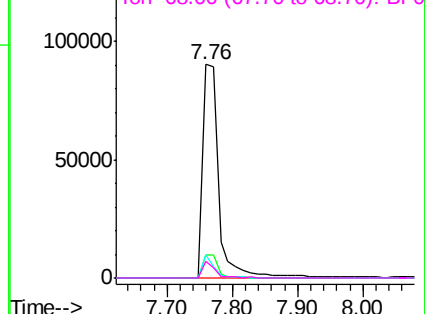


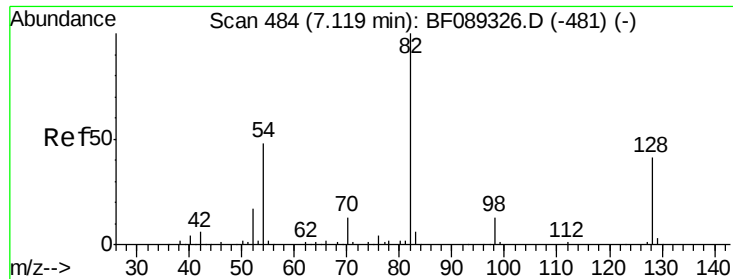
Abundance Ion 136.00 (135.70 to 136.70): E

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

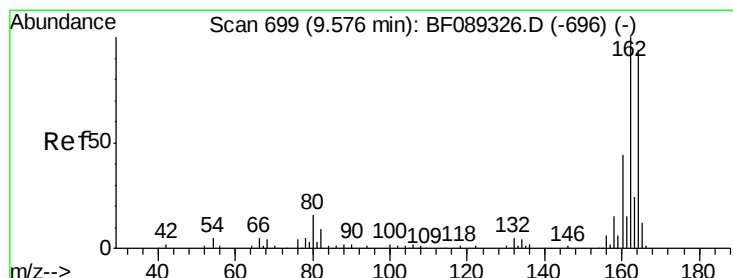
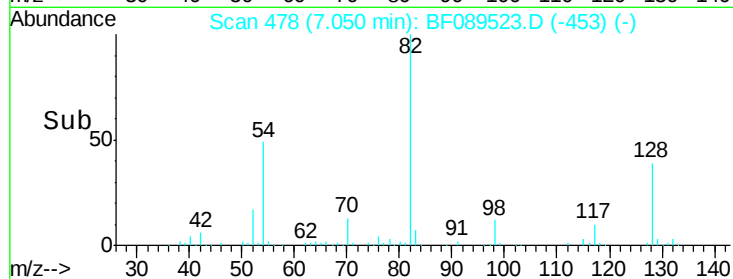
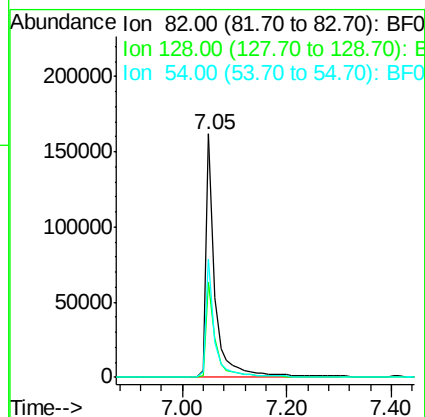
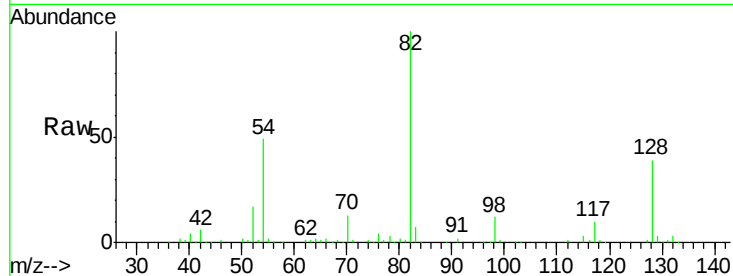




#23
Nitrobenzene-d5
Concen: 77.55 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

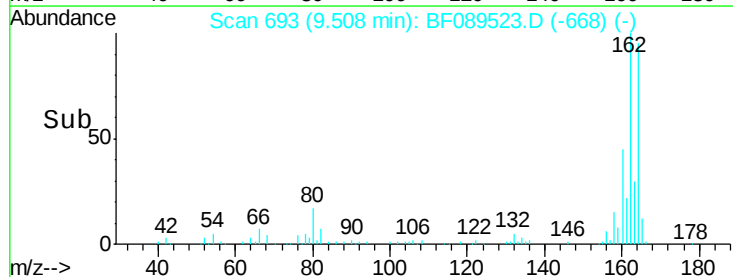
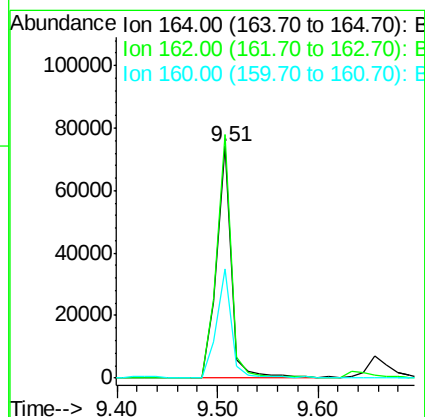
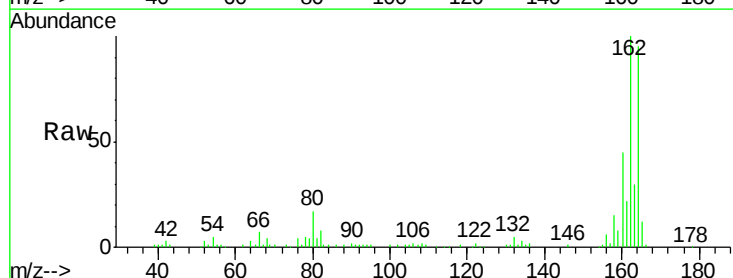
Instrument :
BNA_F
ClientSampleId :
DUP-X

Tot Ion: 82 Resp: 202114
Ion Ratio Lower Upper
82 100
128 39.2 32.5 48.7
54 48.7 38.8 58.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Tgt Ion:164 Resp: 76309
Ion Ratio Lower Upper
164 100
162 105.1 83.7 125.5
160 47.3 37.8 56.6

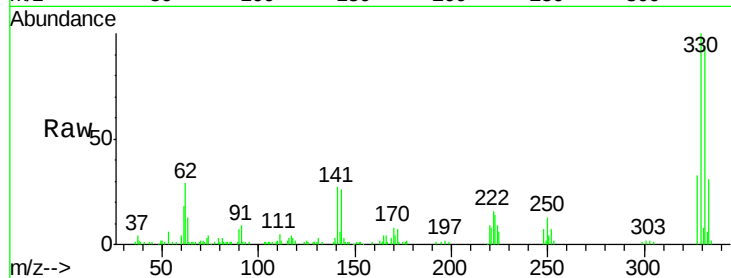




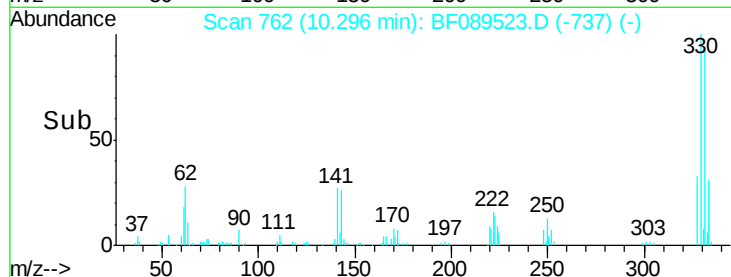
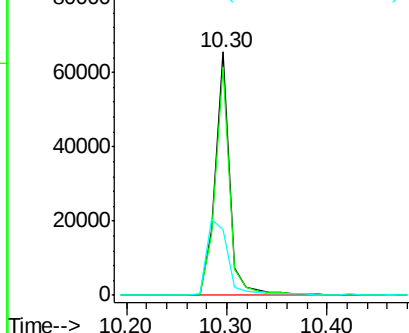
#41
 2,4,6-Tribromophenol
 Concen: 105.01 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tot Ion:330 Resp: 66366
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.8 115.2
 141 45.4 37.3 55.9

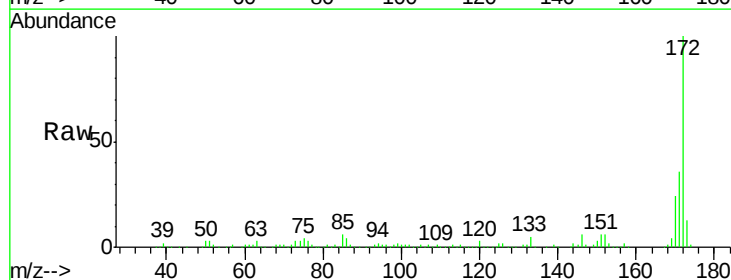


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

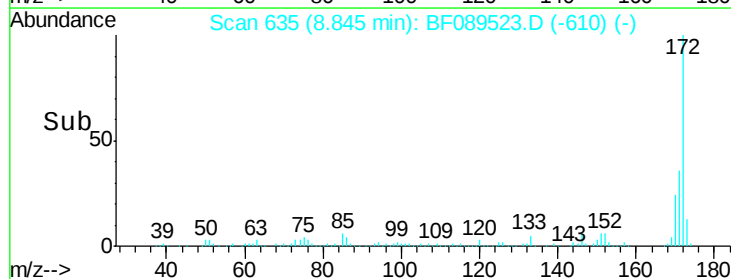
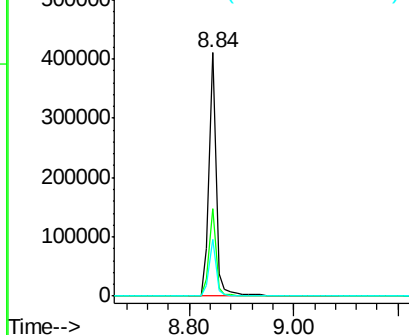


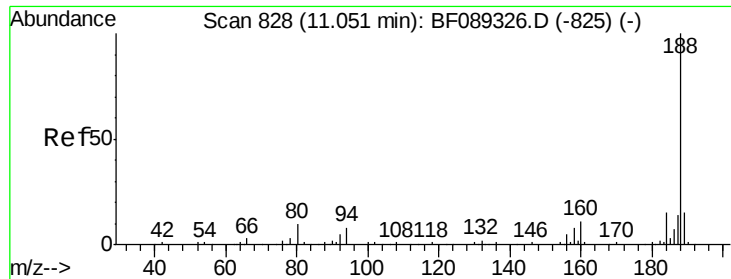
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Tgt Ion:172 Resp: 393865
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.6 19.2 28.8



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

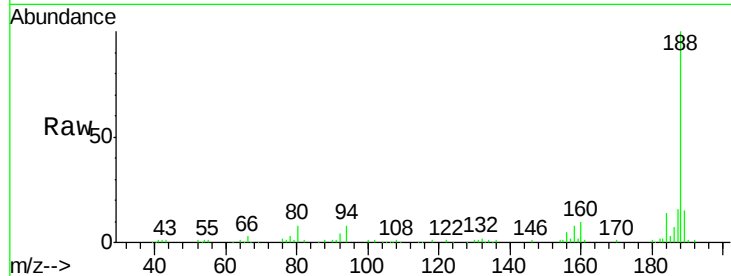




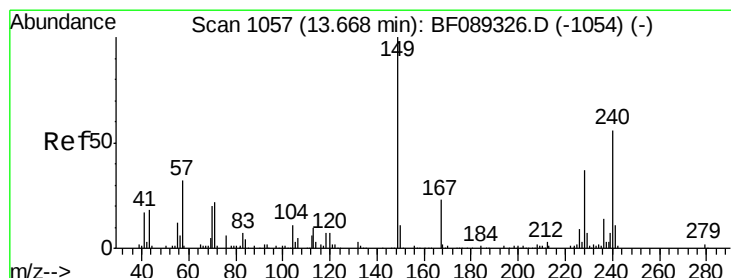
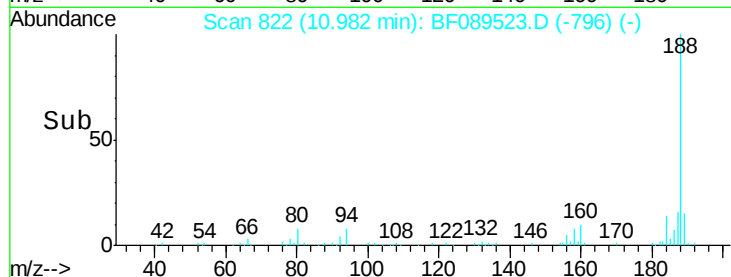
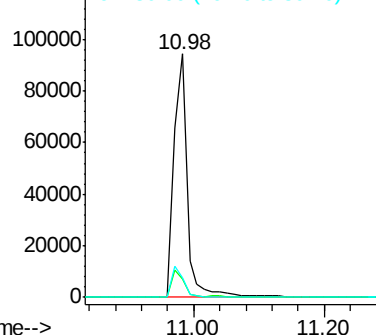
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tot Ion:188 Resp: 133200
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 7.9 7.2 10.8

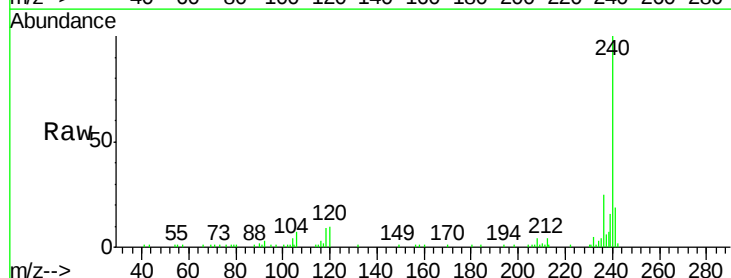


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

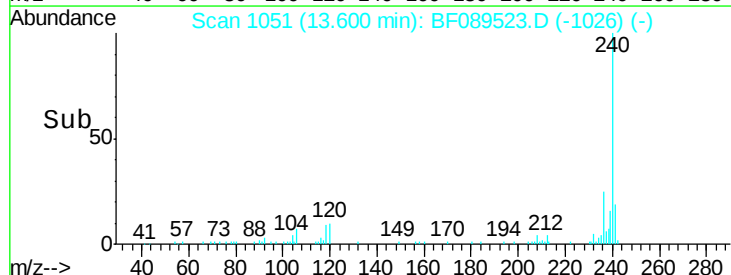
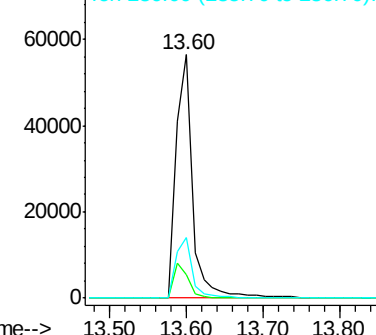


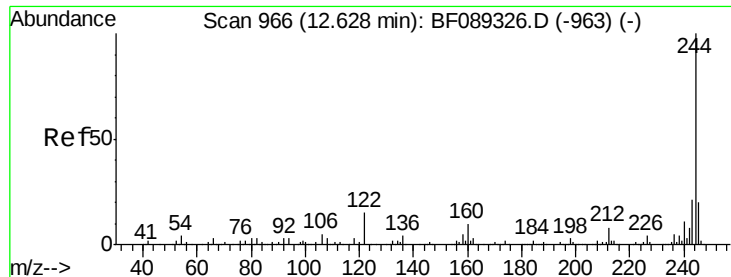
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Tgt Ion:240 Resp: 82743
Ion Ratio Lower Upper
240 100
120 9.5 9.1 13.7
236 25.1 20.6 30.8



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

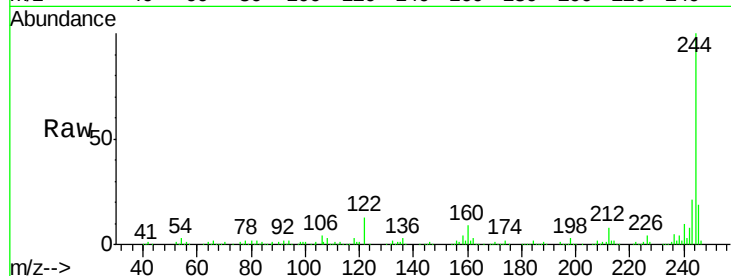




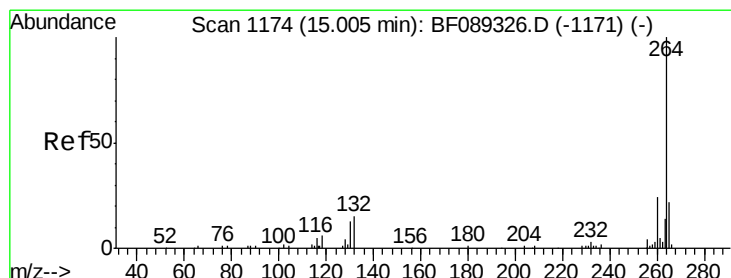
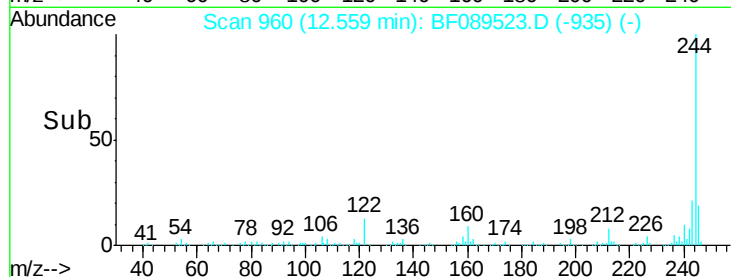
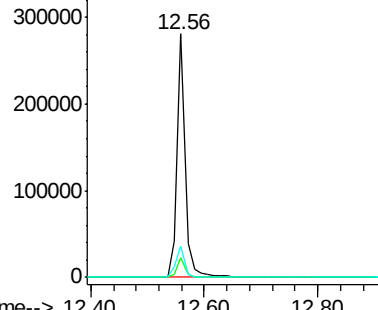
#78
 Terphenyl-d14
 Concen: 75.29 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tot Ion:244 Resp: 266178
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 12.8 11.4 17.0

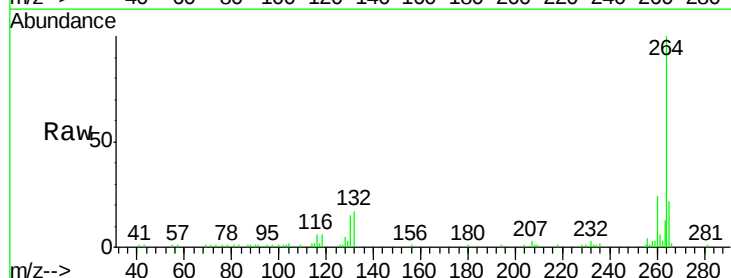


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Tgt Ion:264 Resp: 70932
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.6 17.5 26.3



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

