

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089203.D
 Acq On : 22 Jul 2016 20:19
 Operator : UM/SJ
 Sample : PB92344BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

Quant Time: Jul 22 23:23:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45635	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	197731	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95633	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	196968	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	155008	20.00	ng	-0.02
86) Perylene-d12	15.05	264	120927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	336362	112.10	ng	-0.02
7) Phenol-d6	6.24	99	478341	123.62	ng	-0.03
23) Nitrobenzene-d5	7.15	82	291944	78.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	101279	117.63	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	550587	79.33	ng	-0.02
78) Terphenyl-d14	12.67	244	561356	78.55	ng	-0.01

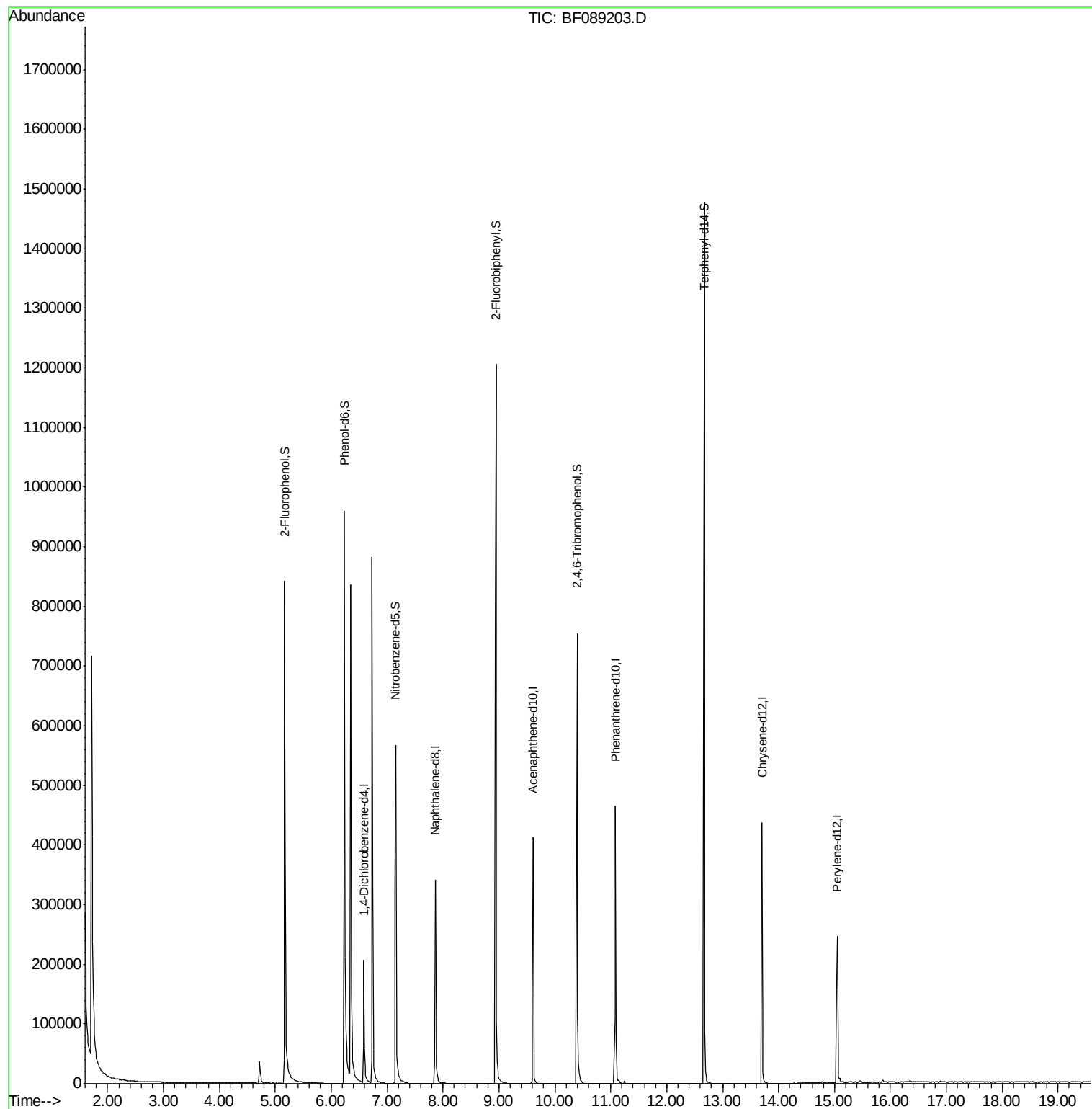
Target Compounds	Qvalue
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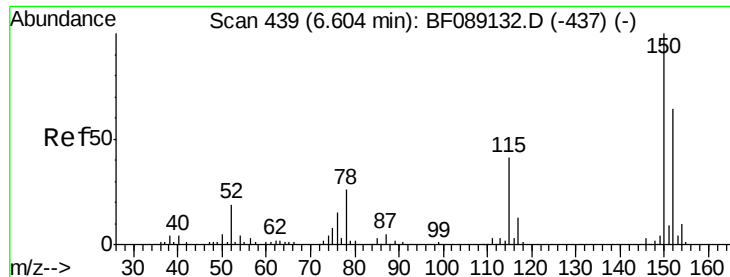
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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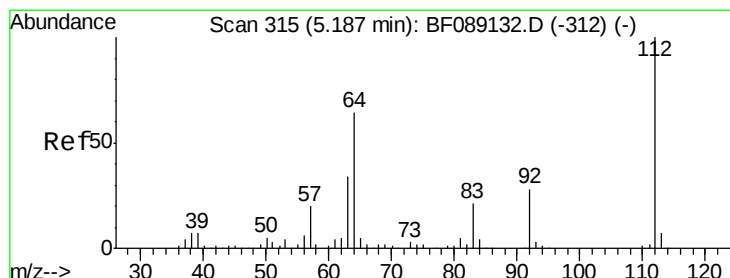
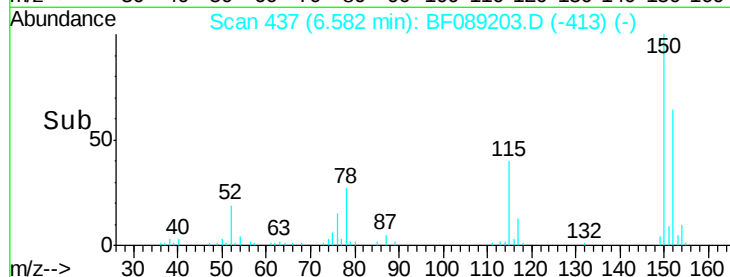
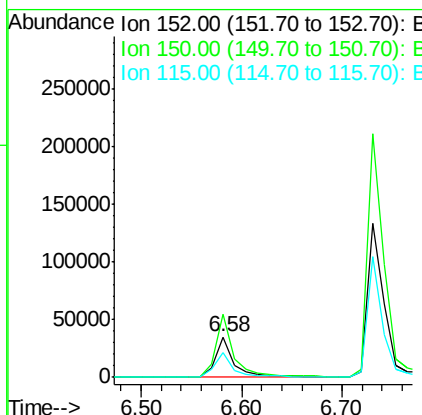
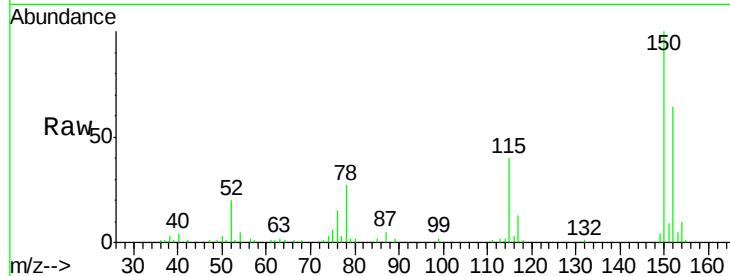


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Instrument :
BNA_F
ClientSampled :
PB92344BL

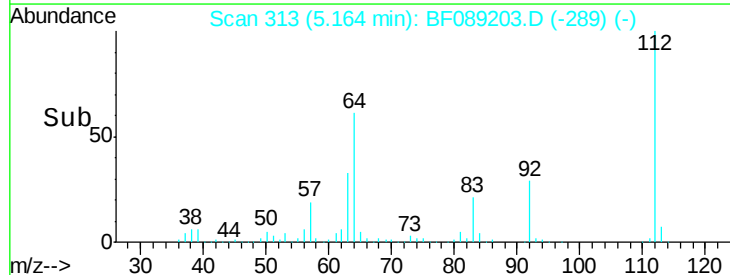
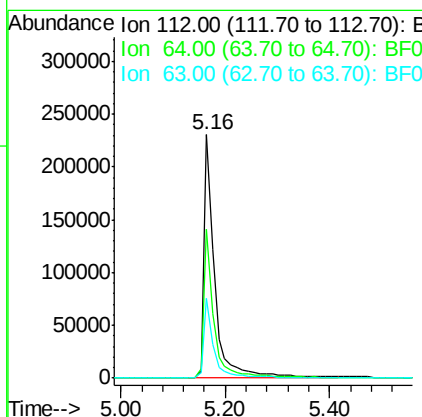
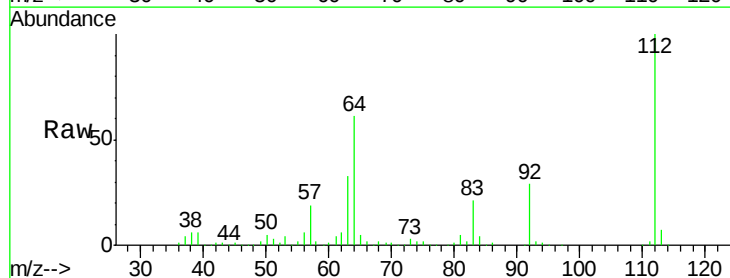
Tgt Ion:152 Resp: 45635
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 62.7 51.1 76.7

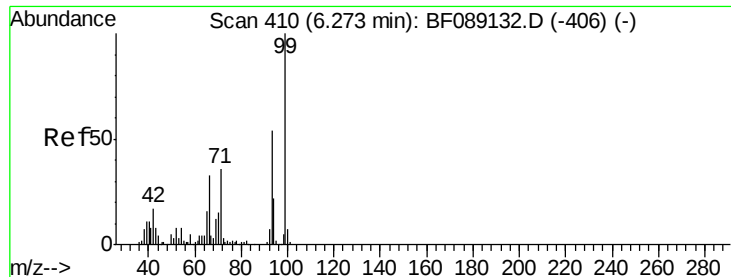


#5

2-Fluorophenol
Concen: 112.10 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Tgt Ion:112 Resp: 336362
Ion Ratio Lower Upper
112 100
64 61.0 51.0 76.4
63 33.0 27.3 40.9





#7

Phenol-d6

Concen: 123.62 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

PB92344BL

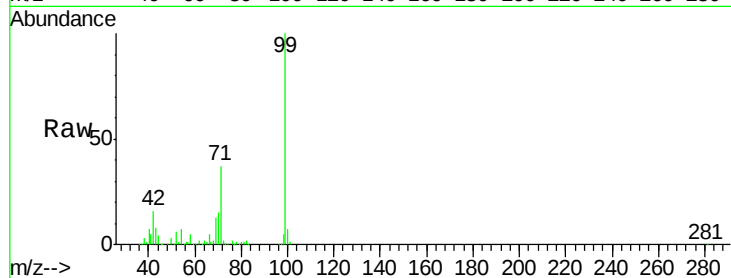
Tgt Ion: 99 Resp: 478341

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

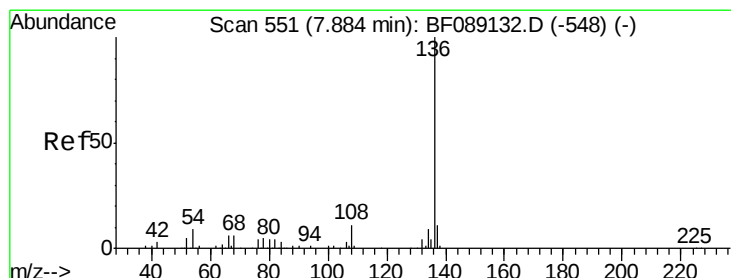
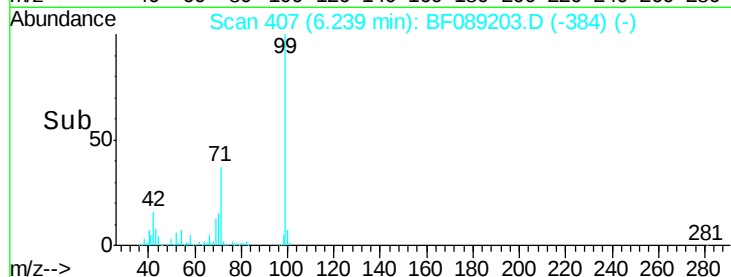
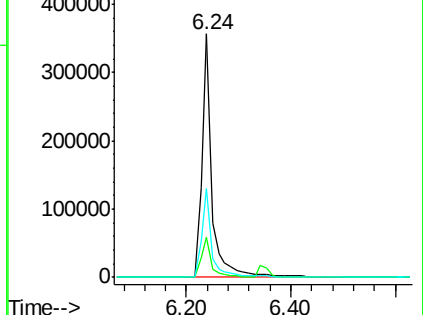
71 36.6 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

Tgt Ion: 136 Resp: 197731

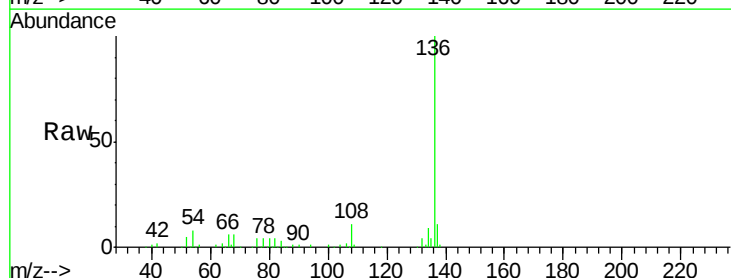
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 7.0 10.4

68 6.1 5.0 7.6

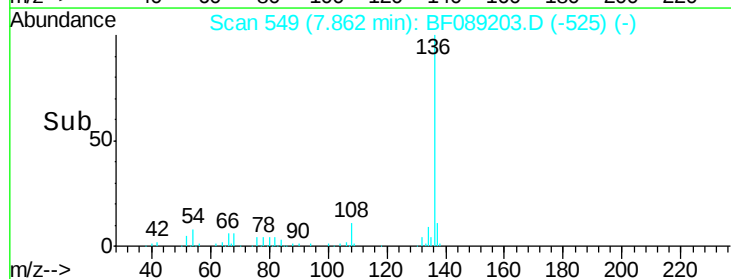
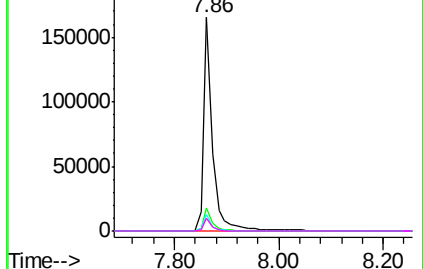


Abundance Ion 136.00 (135.70 to 136.70): E

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

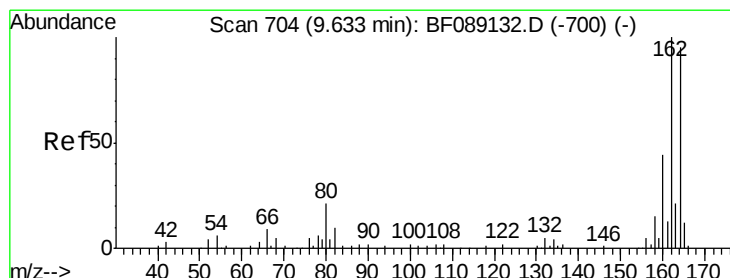
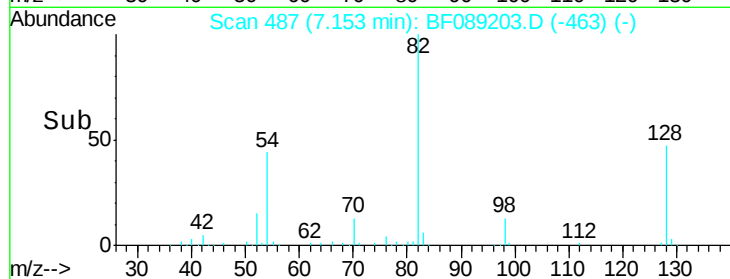
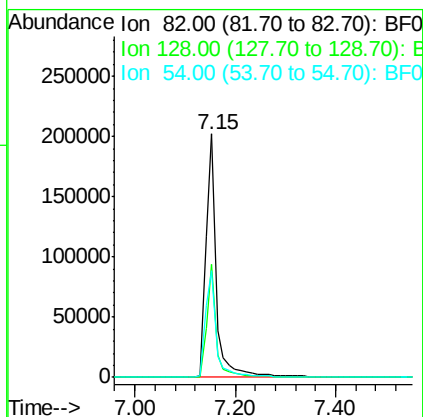
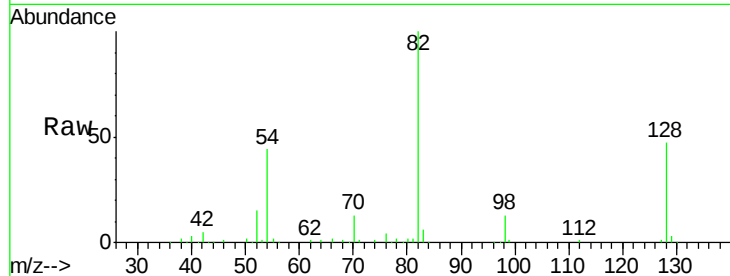




#23
 Nitrobenzene-d5
 Concen: 78.45 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

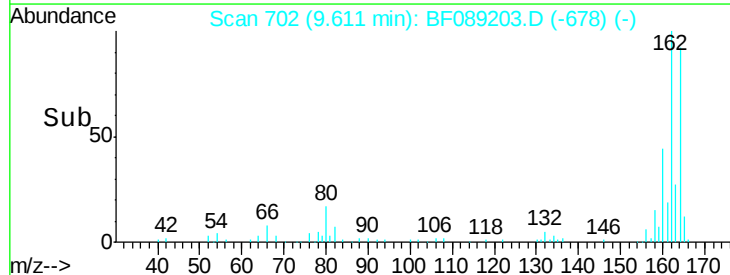
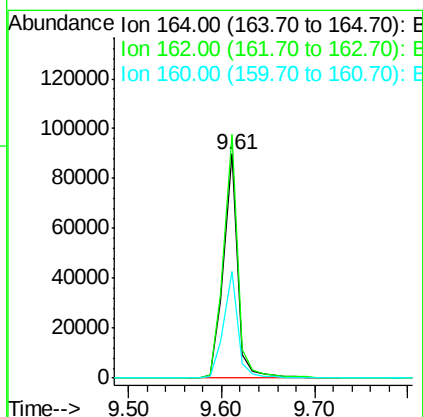
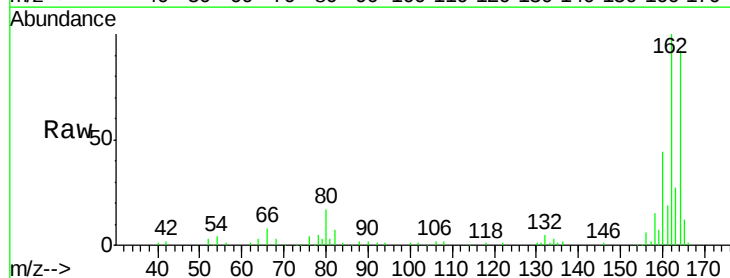
Instrument :
 BNA_F
 ClientSampled :
 PB92344BL

Tgt Ion: 82 Resp: 291944
 Ion Ratio Lower Upper
 82 100
 128 46.7 33.0 49.6
 54 43.9 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion: 164 Resp: 95633
 Ion Ratio Lower Upper
 164 100
 162 108.8 84.1 126.1
 160 47.7 37.1 55.7

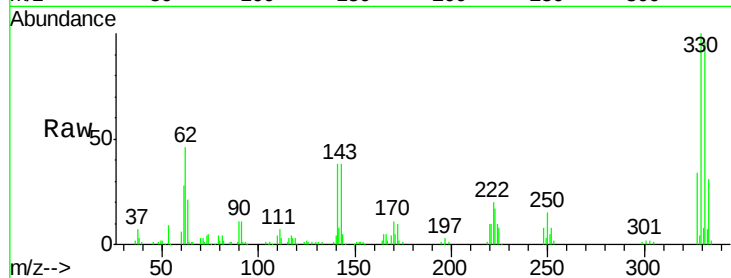




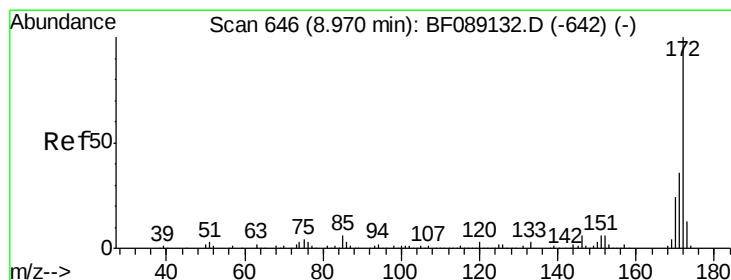
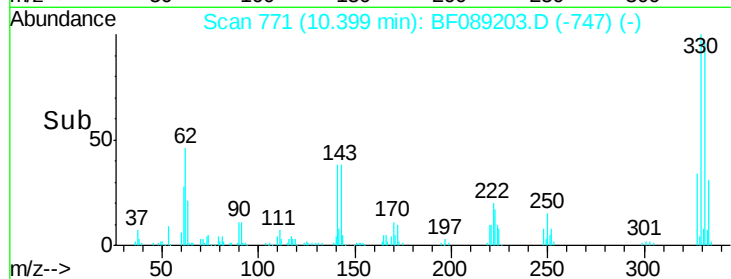
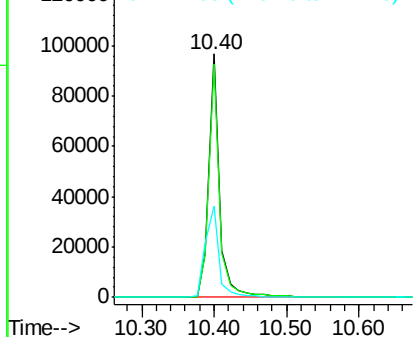
#41
 2,4,6-Tribromophenol
 Concen: 117.63 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

Tgt Ion:330 Resp: 101279
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 47.2 42.2 63.2

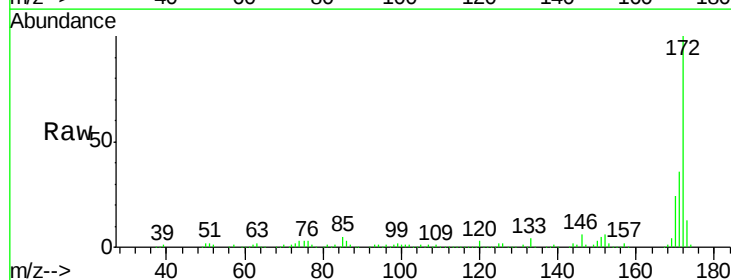


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

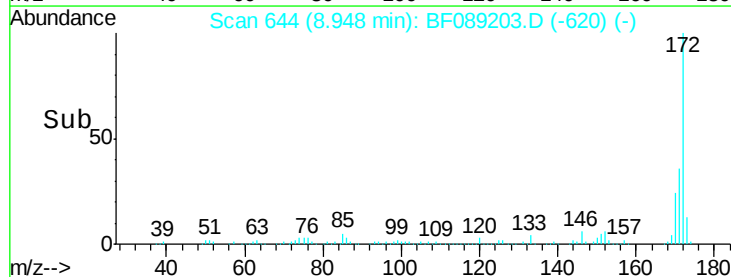
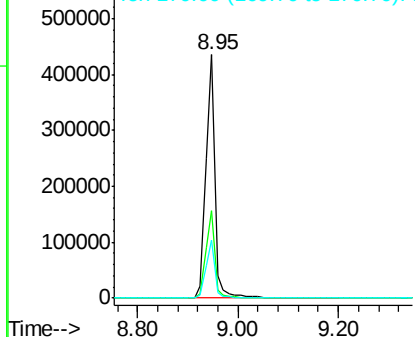


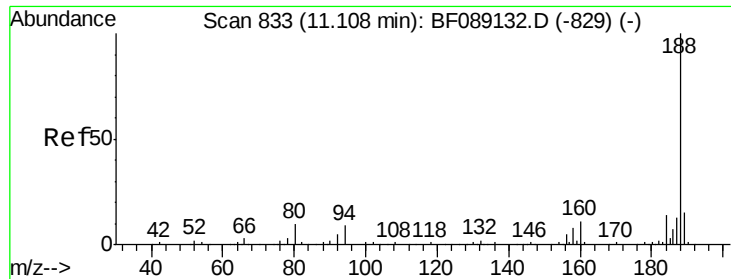
#44
 2-Fluorobiphenyl
 Concen: 79.33 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion:172 Resp: 550587
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.7 19.1 28.7



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

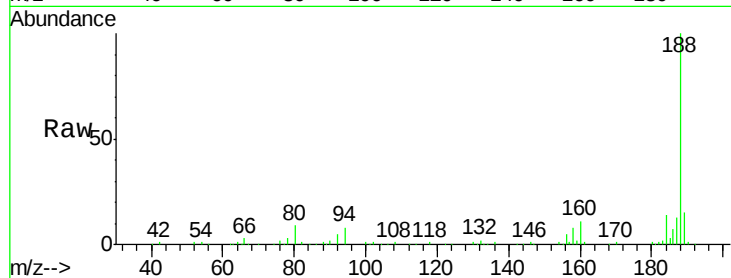




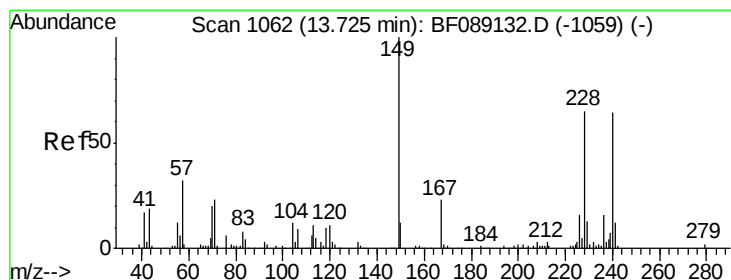
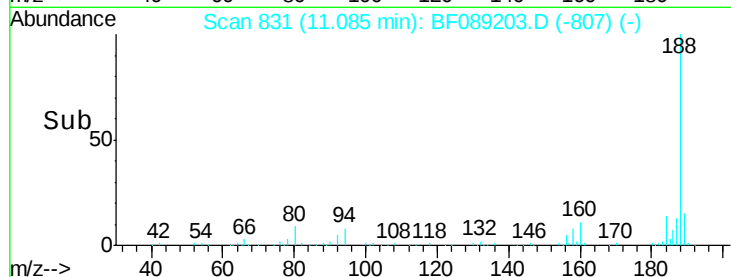
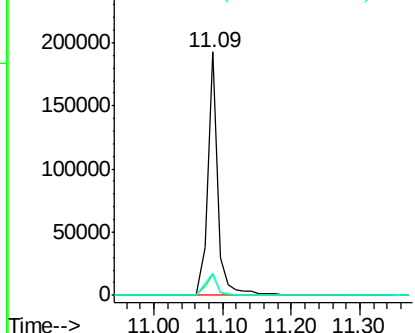
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Instrument :
BNA_F
ClientSampleId :
PB92344BL

Tgt Ion:188 Resp: 196968
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.4 7.7 11.5

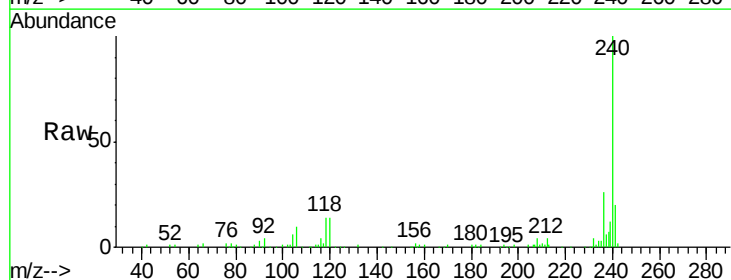


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

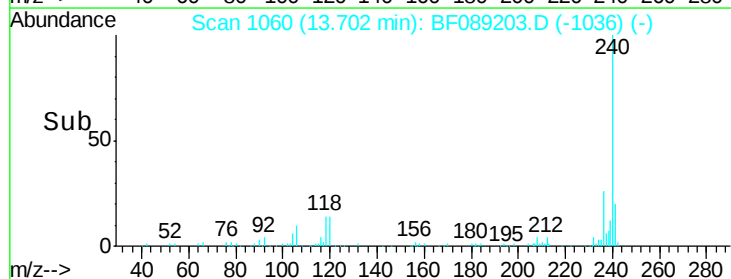
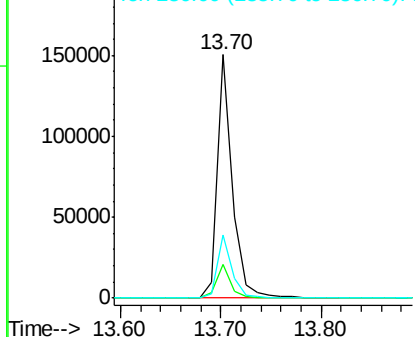


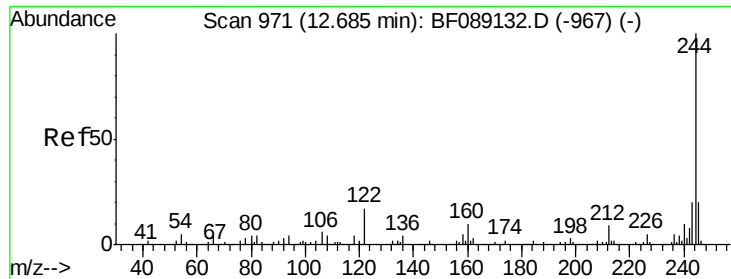
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Tgt Ion:240 Resp: 155008
Ion Ratio Lower Upper
240 100
120 14.1 13.6 20.4
236 26.0 20.5 30.7



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

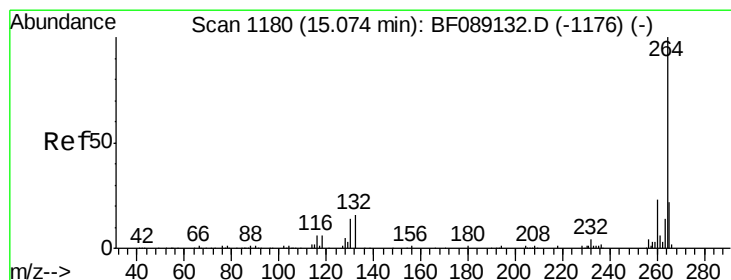
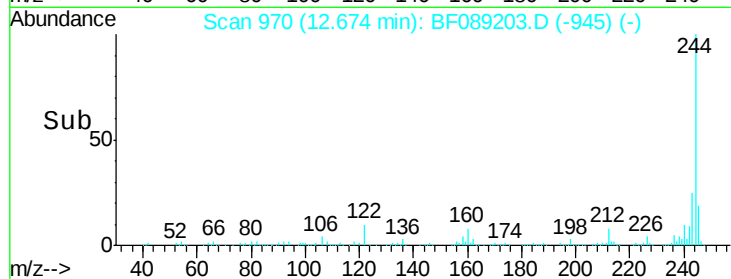
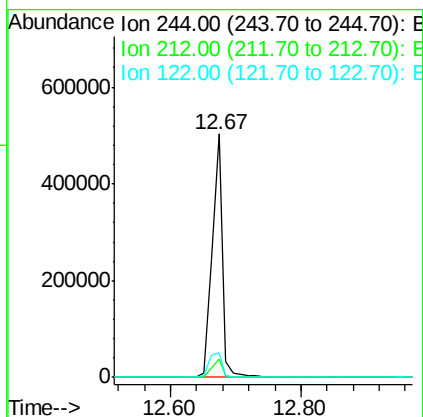
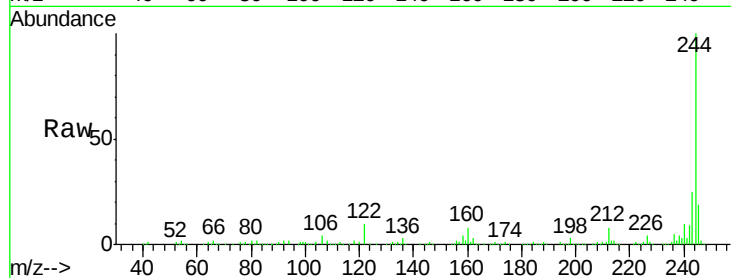




#78
 Terphenyl-d14
 Concen: 78.55 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

Tgt Ion:244 Resp: 561356
 Ion Ratio Lower Upper
 244 100
 212 7.5 7.0 10.4
 122 10.1 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion:264 Resp: 120927
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.3 17.3 25.9

