

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089639.D
 Acq On : 5 Aug 2016 19:59
 Operator : UM/SJ
 Sample : H4351-12 10X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Quant Time: Aug 05 23:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	54317	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	222103	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	89785	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	134680	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	122456	20.00	ng	0.00
86) Perylene-d12	20.05	264	98146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	33515	10.34	ng	0.02
7) Phenol-d6	6.99	99	47389	10.78	ng	0.01
23) Nitrobenzene-d5	8.35	82	29208	7.27	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	6140	8.29	ng	0.00
44) 2-Fluorobiphenyl	11.25	172	49768	7.20	ng	-0.01
78) Terphenyl-d14	17.05	244	24787	4.00	ng	0.00

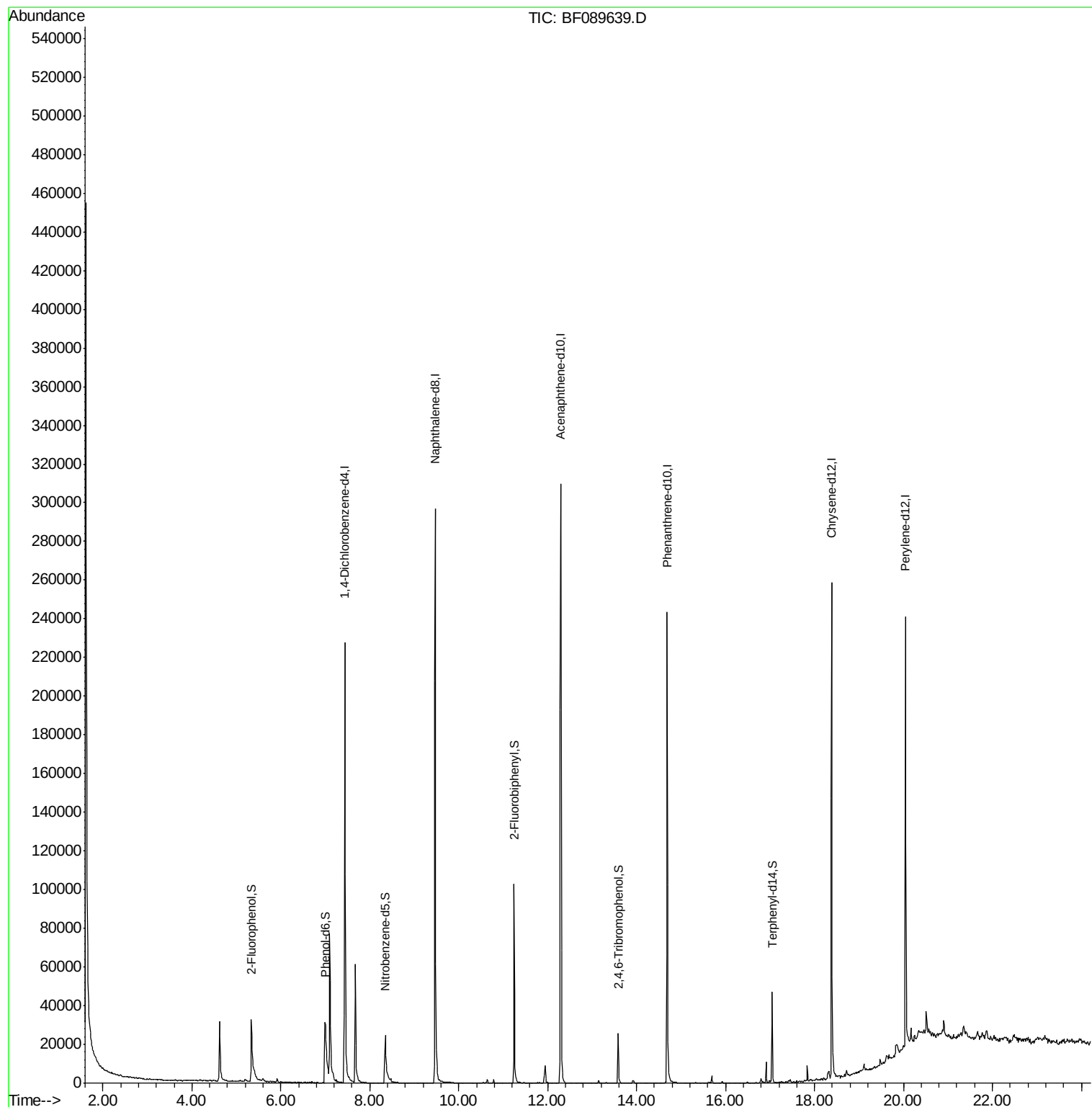
Target Compounds	Qvalue
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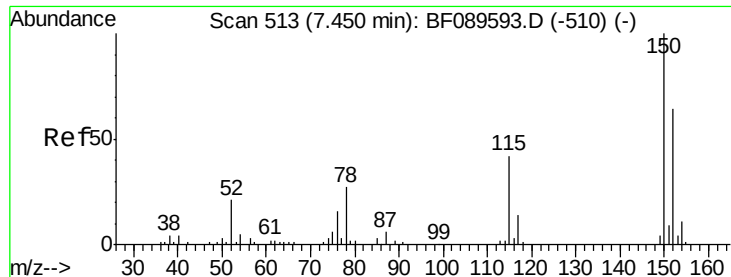
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA_F

ClientSampleId :

DUP-Y

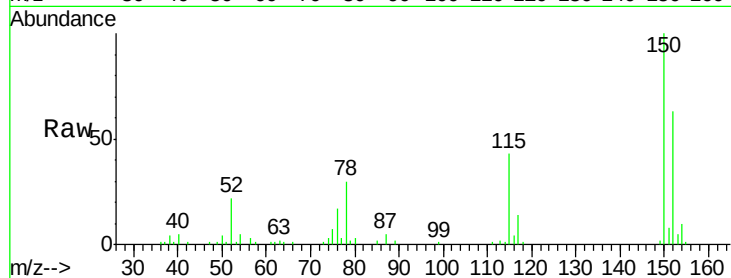
Tgt Ion:152 Resp: 54317

Ion Ratio Lower Upper

152 100

150 158.1 125.5 188.3

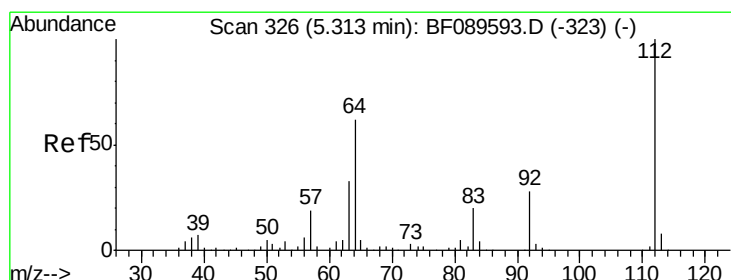
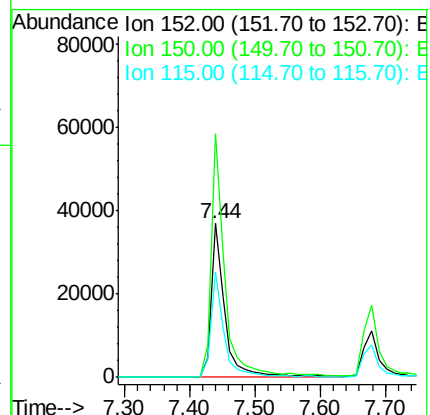
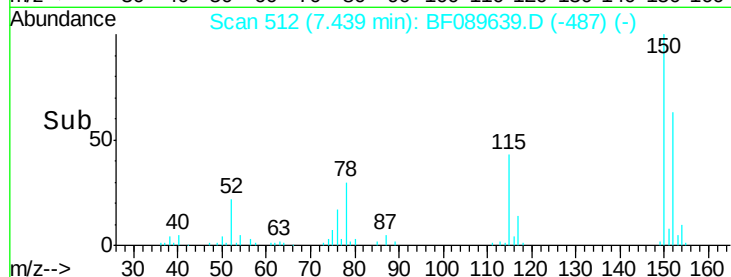
115 68.2 52.0 78.0



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: 10.34 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

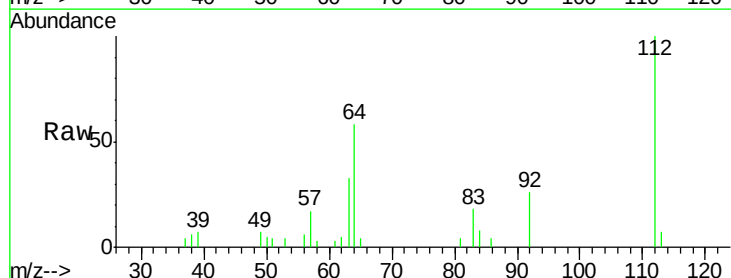
Tgt Ion:112 Resp: 33515

Ion Ratio Lower Upper

112 100

64 58.3 49.9 74.9

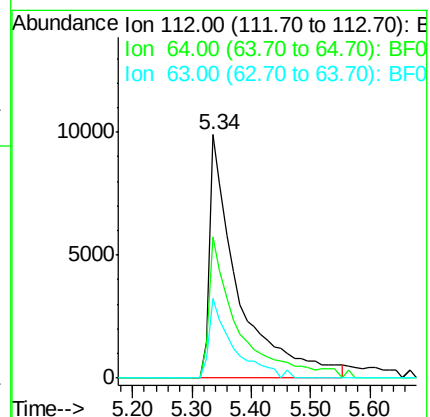
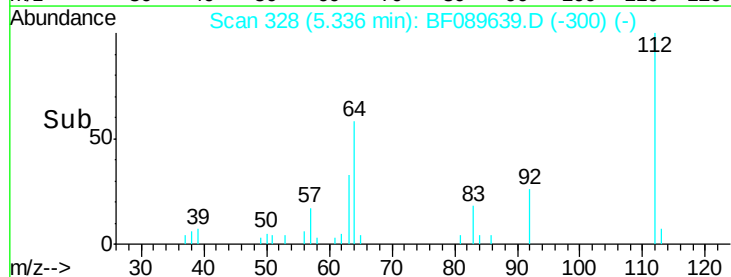
63 32.7 26.1 39.1

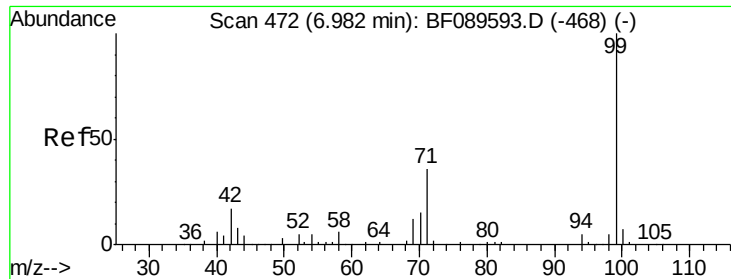


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.78 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA_F

ClientSampleId :

DUP-Y

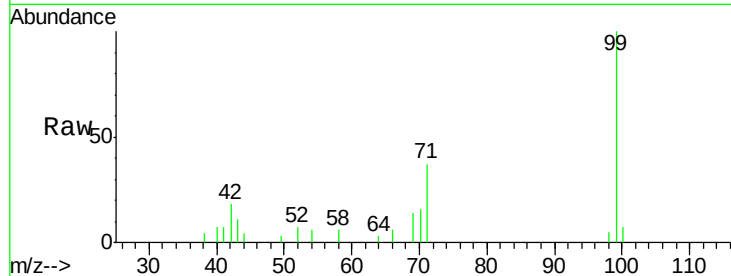
Tgt Ion: 99 Resp: 47389

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

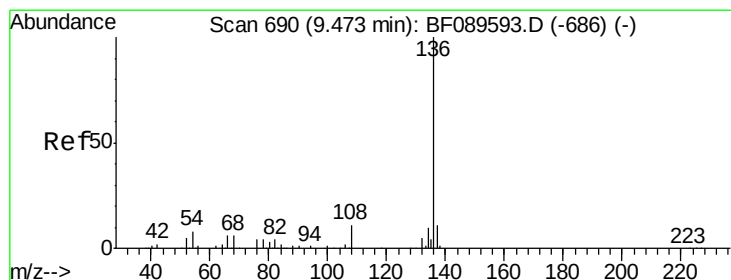
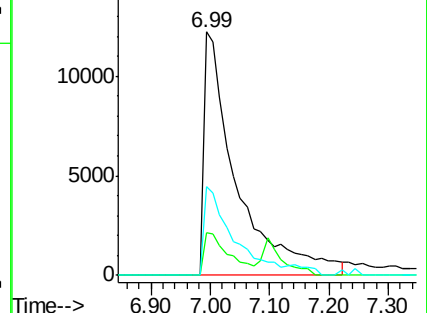
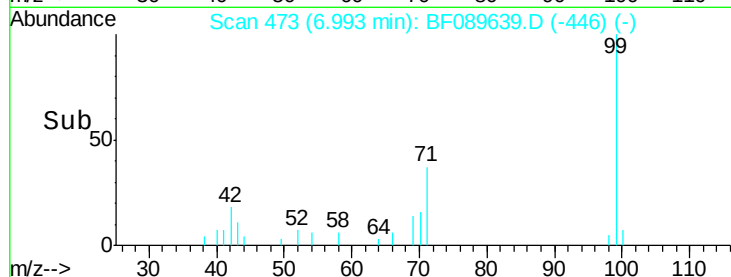
71 36.6 29.0 43.4



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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Tgt Ion: 136 Resp: 222103

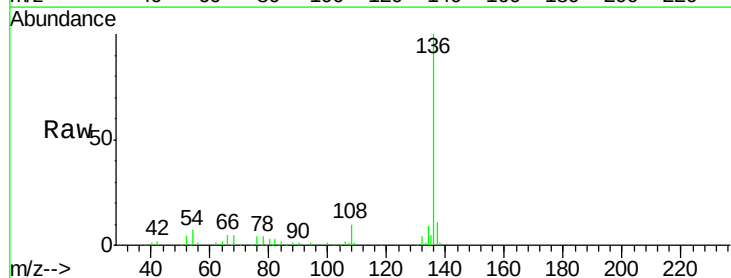
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.7 6.0 9.0

68 5.1 4.6 6.8

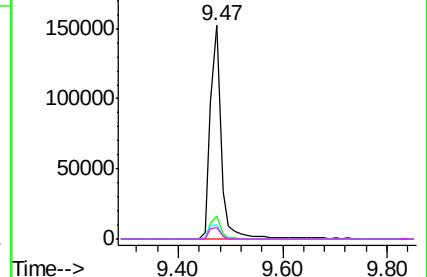
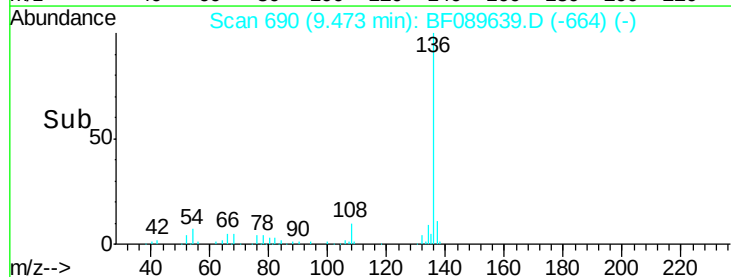


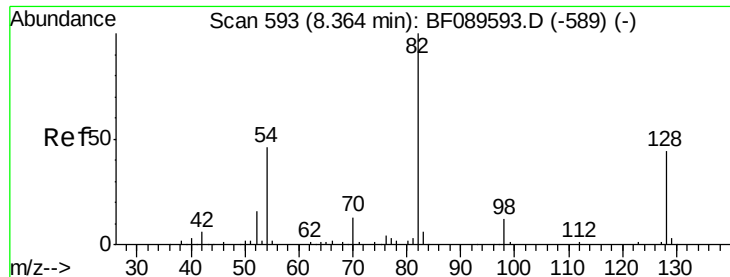
Abundance Ion 136.00 (135.70 to 136.70): E

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

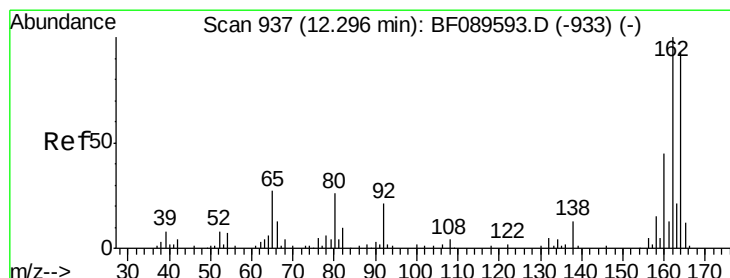
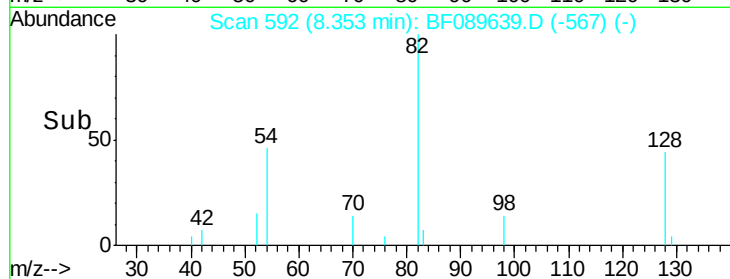
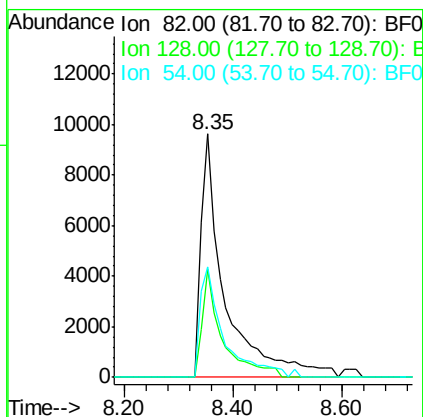
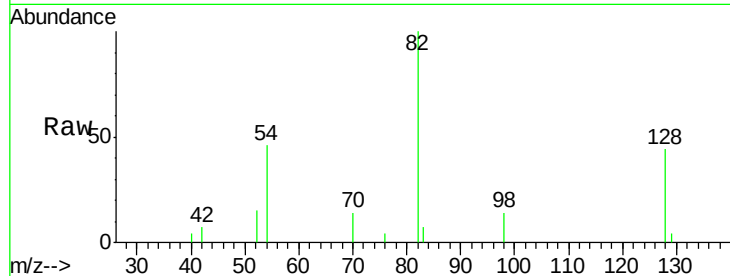




#23
 Nitrobenzene-d5
 Concen: 7.27 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089639.D
 Acq: 5 Aug 2016 19:59

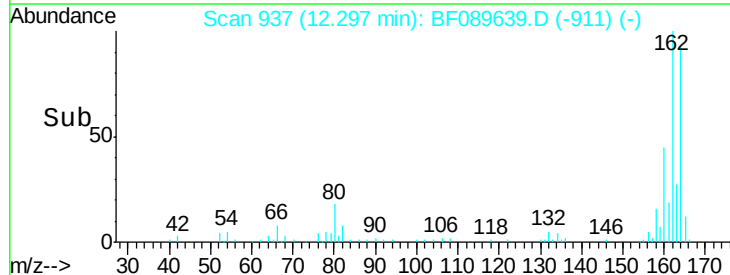
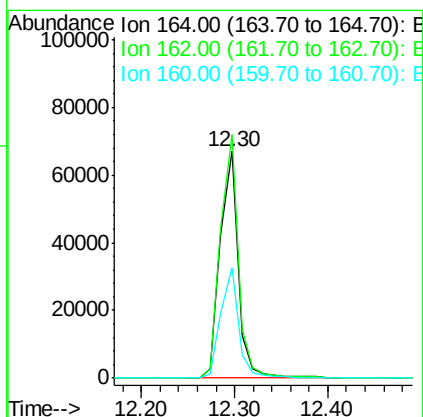
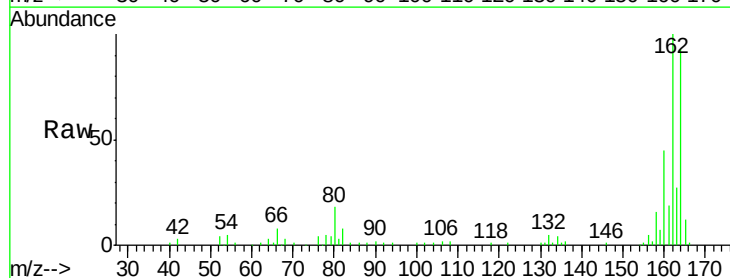
Instrument :
 BNA_F
 ClientSampled :
 DUP-Y

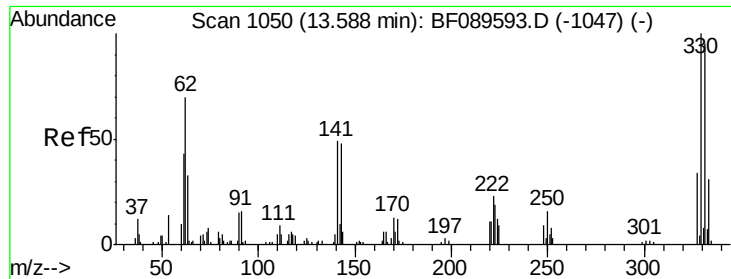
Tgt Ion: 82 Resp: 29208
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.4 53.0
 54 45.6 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089639.D
 Acq: 5 Aug 2016 19:59

Tgt Ion: 164 Resp: 89785
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.7 128.5
 160 48.7 38.2 57.4

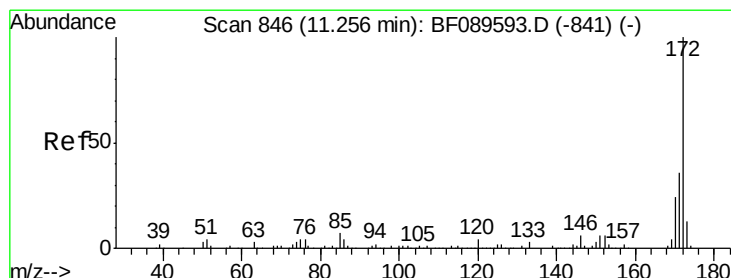
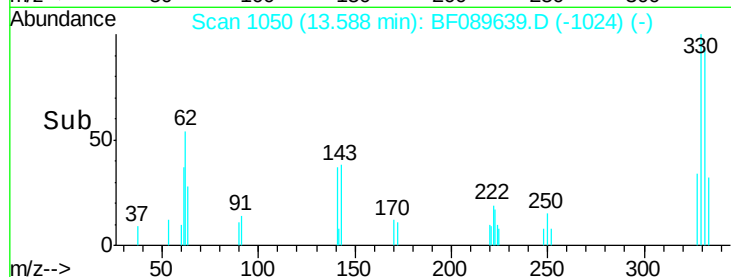
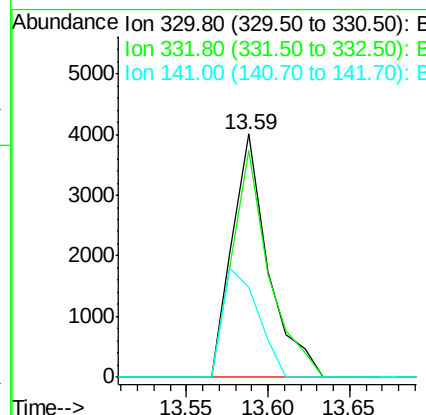
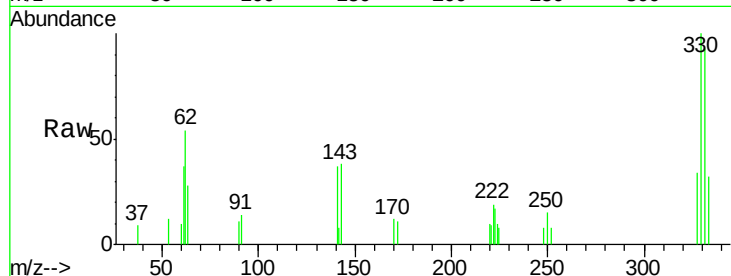




#41
 2,4,6-Tribromophenol
 Concen: 8.29 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089639.D
 Acq: 5 Aug 2016 19:59

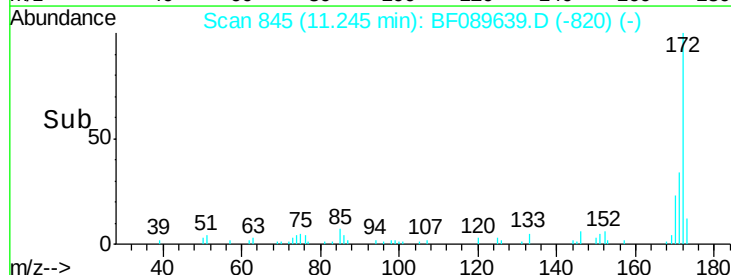
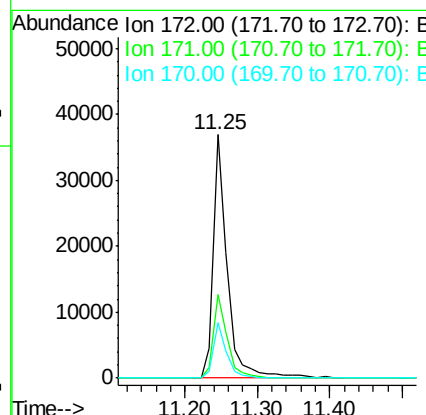
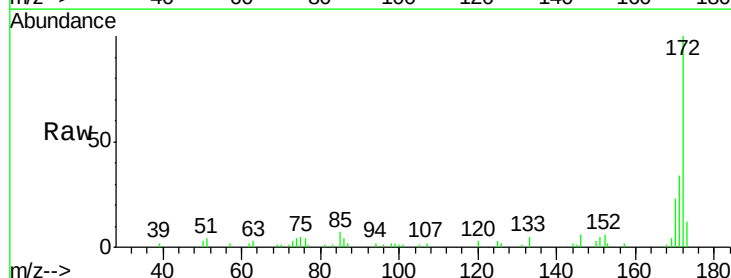
Instrument :
 BNA_F
 ClientSampled :
 DUP-Y

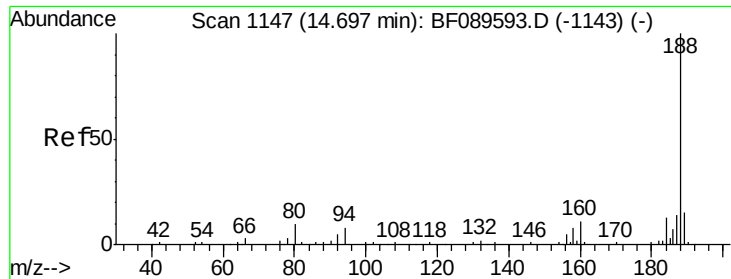
Tgt Ion: 330 Resp: 6140
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 43.6 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 7.20 ng
 RT: 11.25 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089639.D
 Acq: 5 Aug 2016 19:59

Tgt Ion: 172 Resp: 49768
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 23.0 19.0 28.6

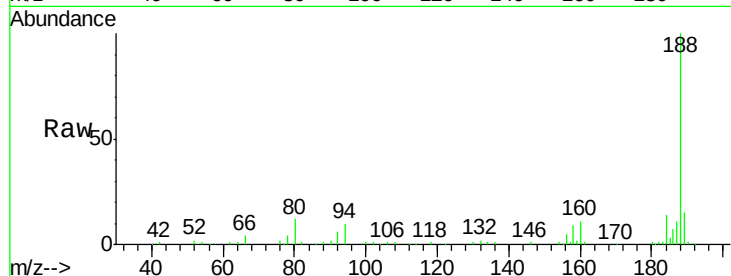




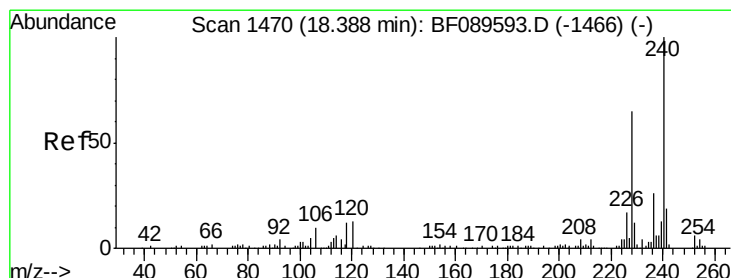
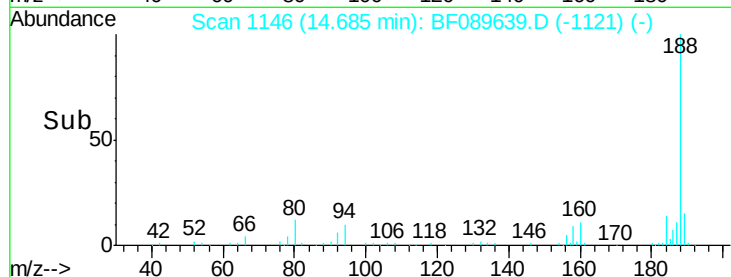
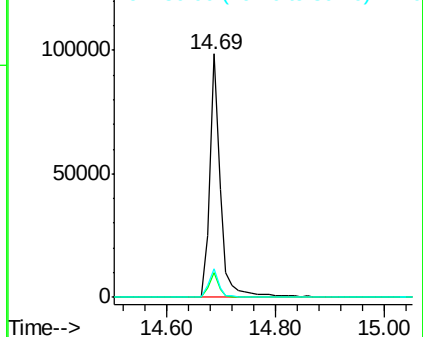
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089639.D
Acq: 5 Aug 2016 19:59

Instrument :
BNA_F
ClientSampled :
DUP-Y

Tgt Ion:188 Resp: 134680
Ion Ratio Lower Upper
188 100
94 10.0 6.5 9.7#
80 11.5 8.0 12.0

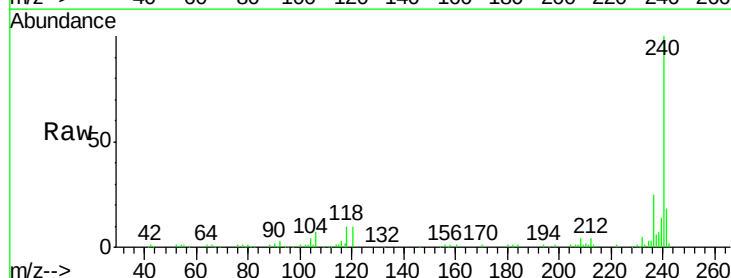


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

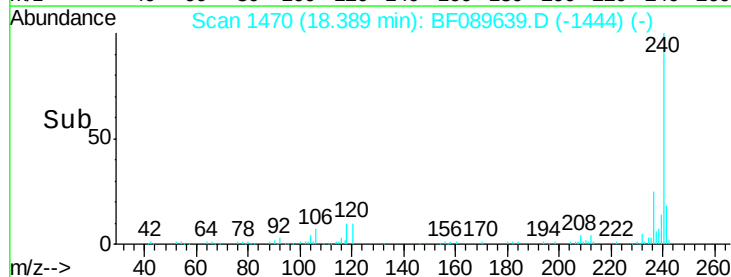
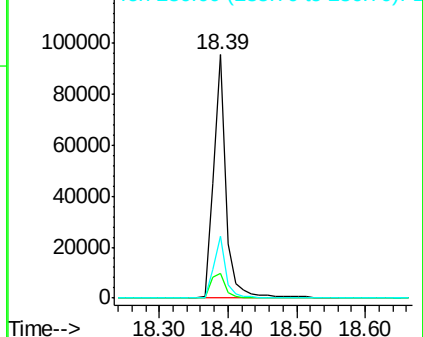


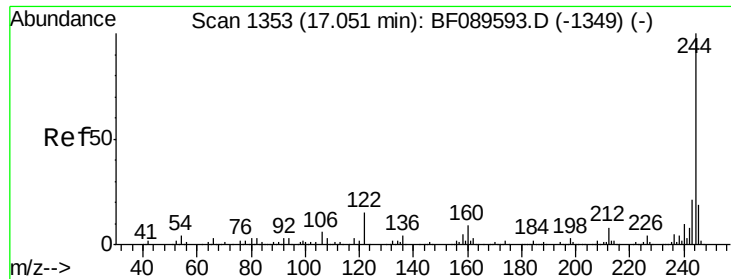
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089639.D
Acq: 5 Aug 2016 19:59

Tgt Ion:240 Resp: 122456
Ion Ratio Lower Upper
240 100
120 10.1 10.6 15.8#
236 25.2 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: 4.00 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA_F

ClientSampleId :

DUP-Y

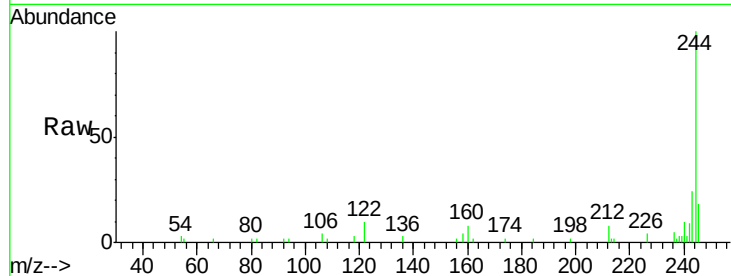
Tgt Ion:244 Resp: 24787

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

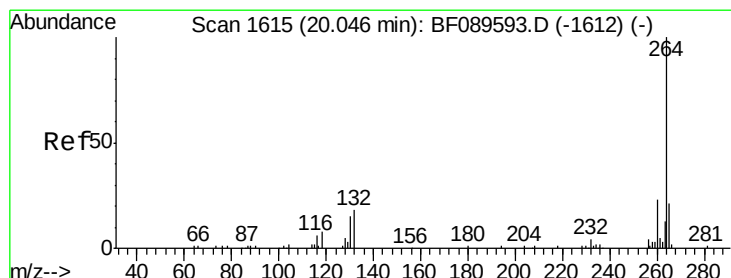
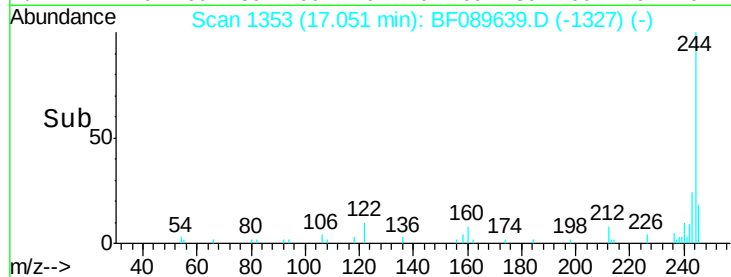
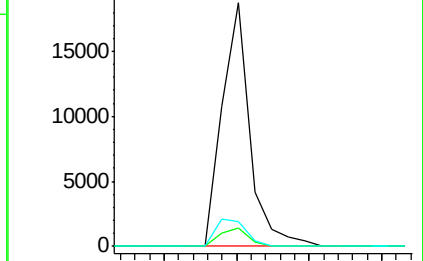
122 10.3 12.2 18.2#



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: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

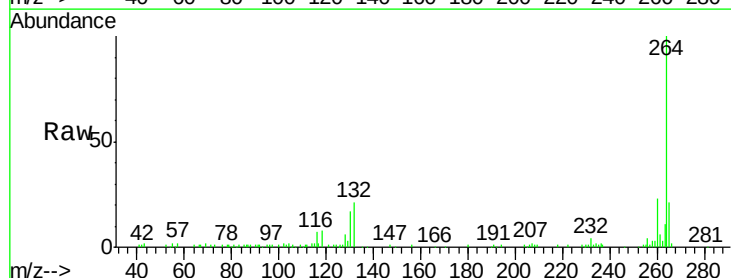
Tgt Ion:264 Resp: 98146

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.3 16.5 24.7



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

