

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089647.D
 Acq On : 6 Aug 2016 3:02
 Operator : UM/SJ
 Sample : PB92711TB
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711TB

Quant Time: Aug 06 04:52:16 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	43495	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	174398	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	73234	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	111923	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	86243	20.00	ng	0.00
86) Perylene-d12	20.05	264	74688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	391379	150.82	ng	0.04
7) Phenol-d6	6.98	99	488716	138.82	ng	0.00
23) Nitrobenzene-d5	8.35	82	305788	96.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	71565	118.42	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	547187	97.11	ng	0.00
78) Terphenyl-d14	17.05	244	323488	74.05	ng	0.00

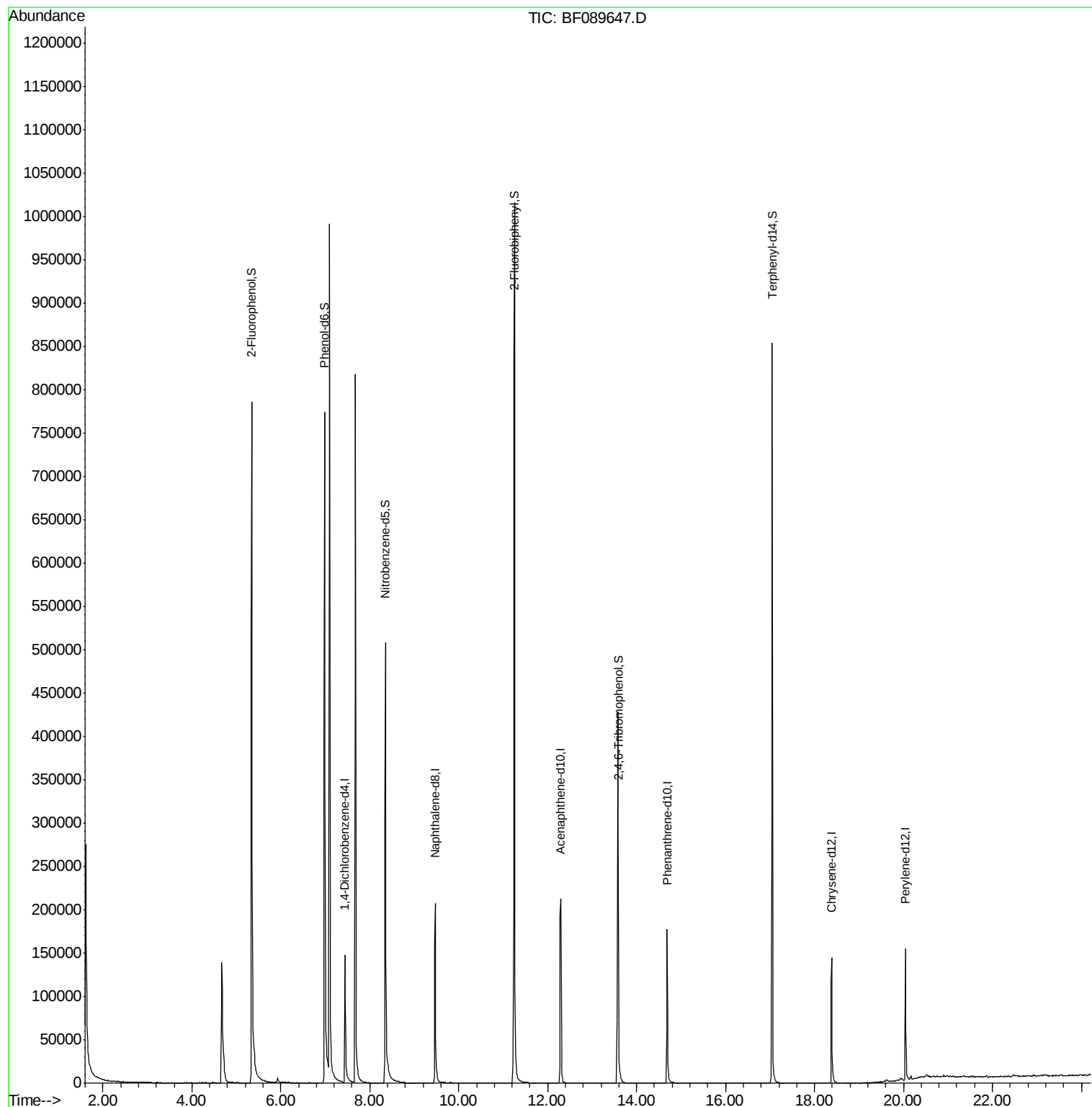
Target Compounds	Qvalue
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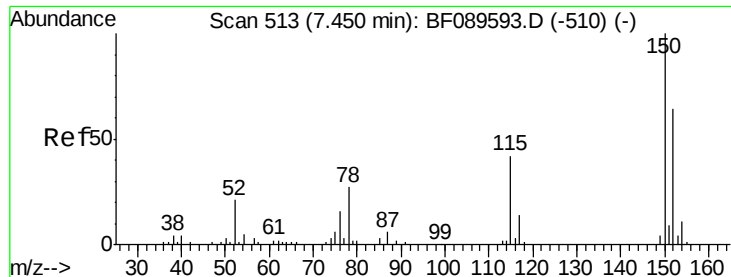
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089647.D

Acq: 6 Aug 2016 3:02

Instrument :

BNA_F

ClientSampled :

PB92711TB

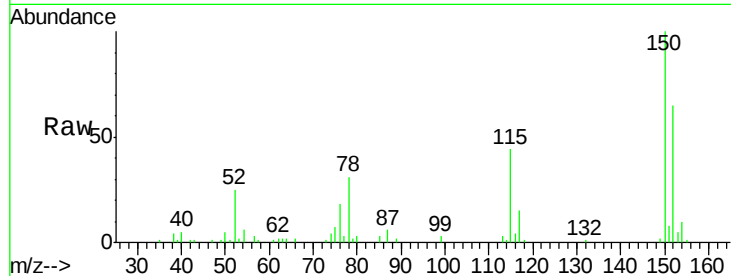
Tgt Ion:152 Resp: 43495

Ion Ratio Lower Upper

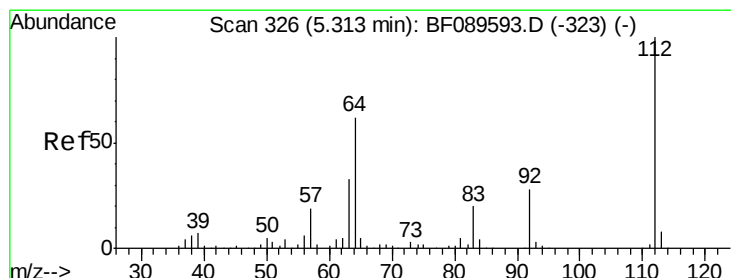
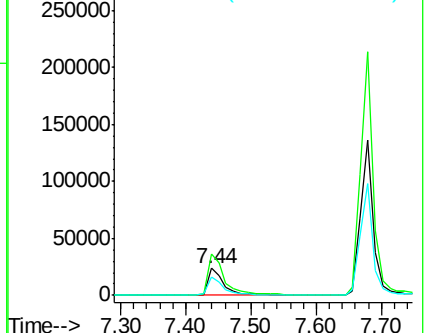
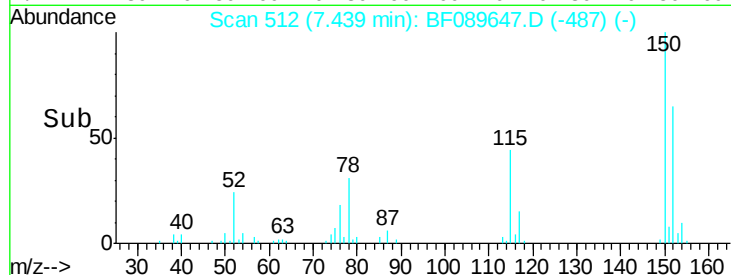
152 100

150 153.6 125.5 188.3

115 67.9 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: 150.82 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

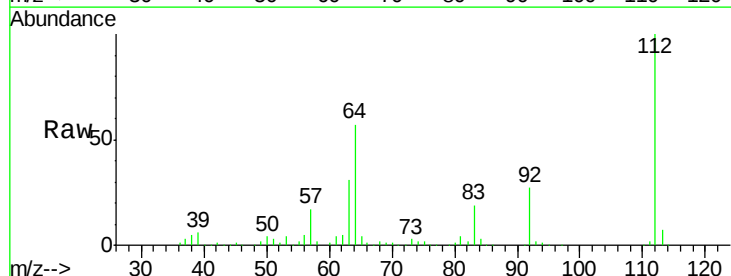
Tgt Ion:112 Resp: 391379

Ion Ratio Lower Upper

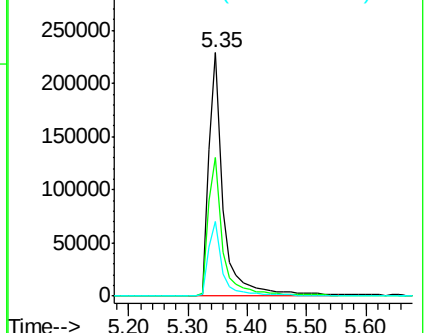
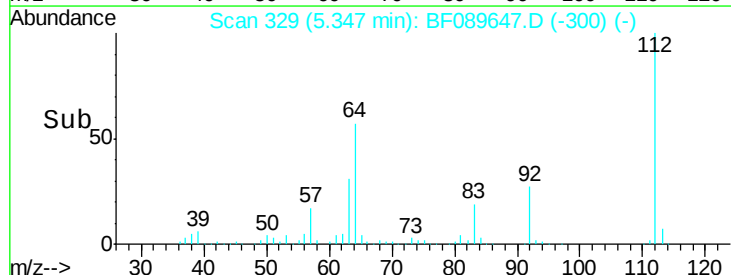
112 100

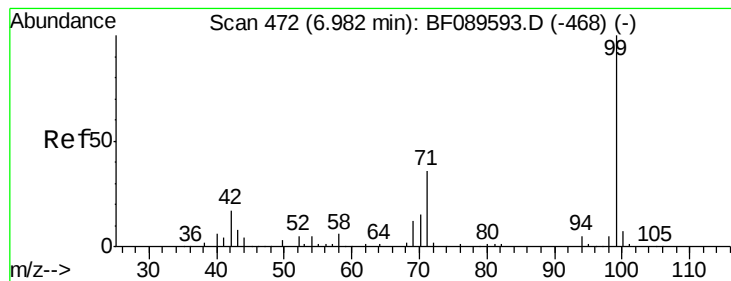
64 56.9 49.9 74.9

63 30.5 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: 138.82 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

PB92711TB

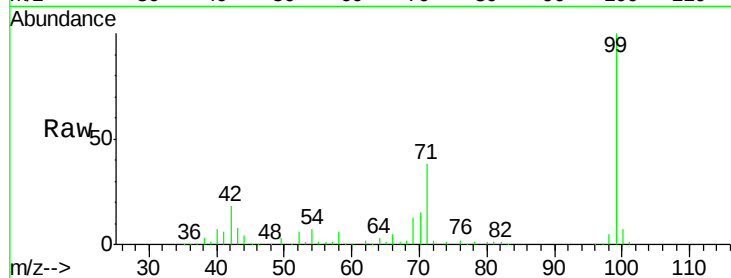
Tgt Ion: 99 Resp: 488716

Ion Ratio Lower Upper

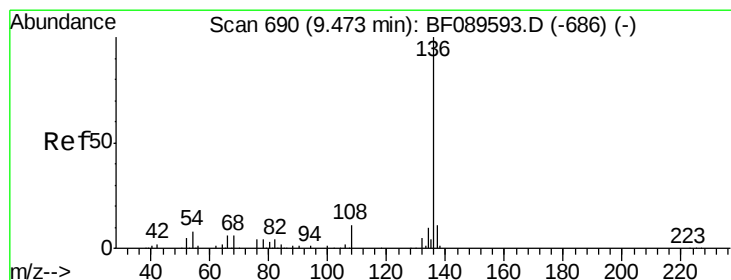
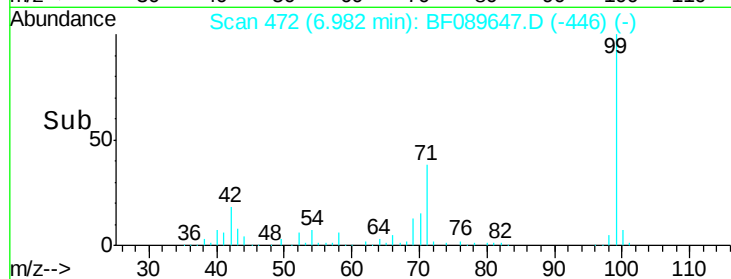
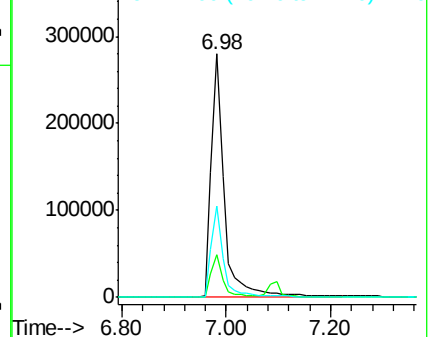
99 100

42 17.7 13.7 20.5

71 37.7 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: BF089647.D

Acq: 6 Aug 2016 3:02

Tgt Ion: 136 Resp: 174398

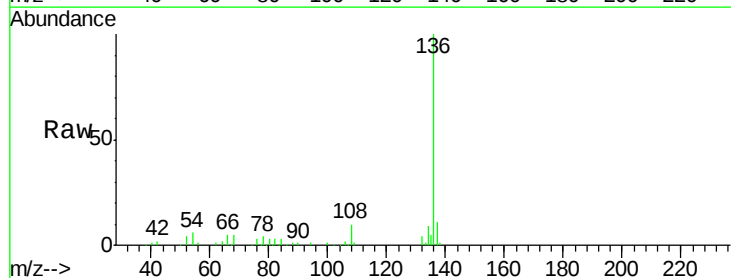
Ion Ratio Lower Upper

136 100

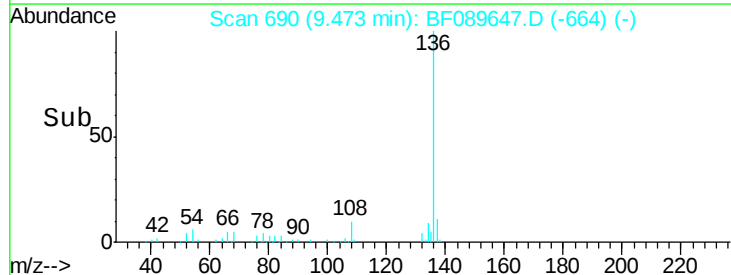
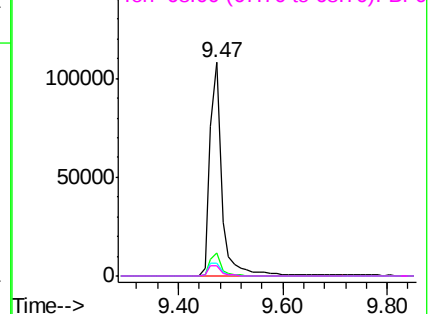
137 10.6 8.6 12.8

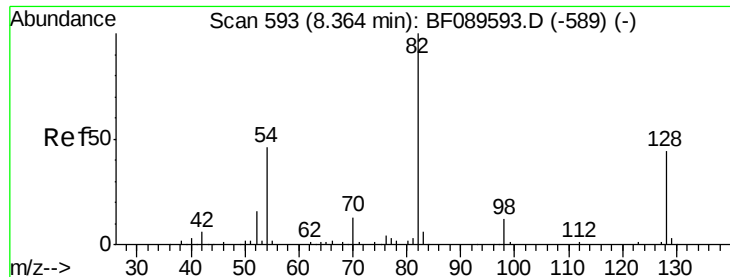
54 6.1 6.0 9.0

68 4.8 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

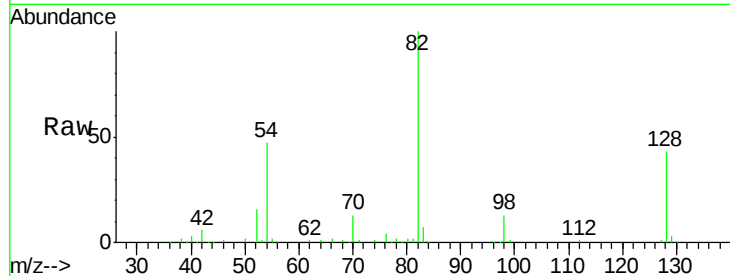




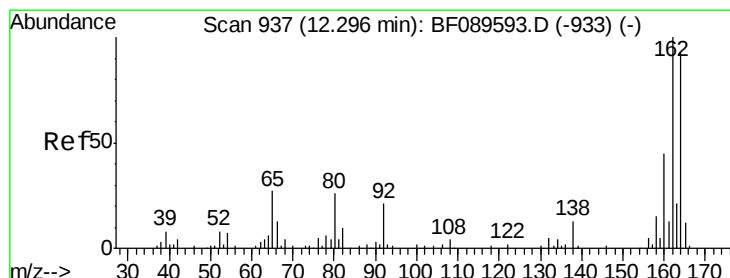
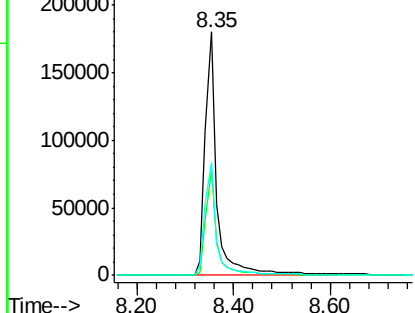
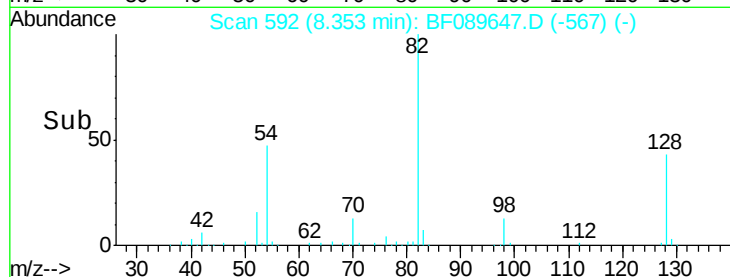
#23
 Nitrobenzene-d5
 Concen: 96.98 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleID :
 PB92711TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.4	53.0
54	46.7	36.4	54.6

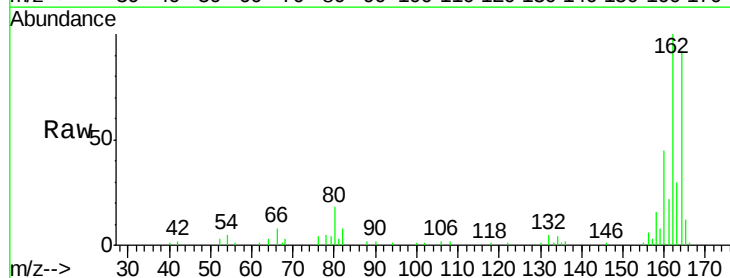


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

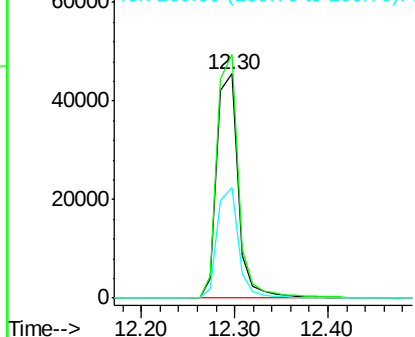
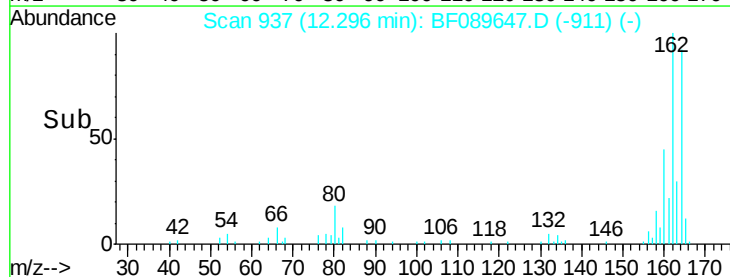


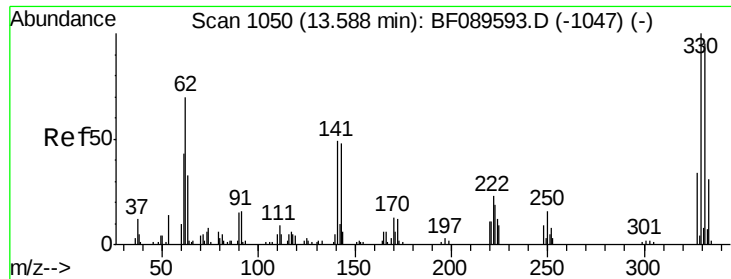
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.7	128.5
160	49.3	38.2	57.4



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

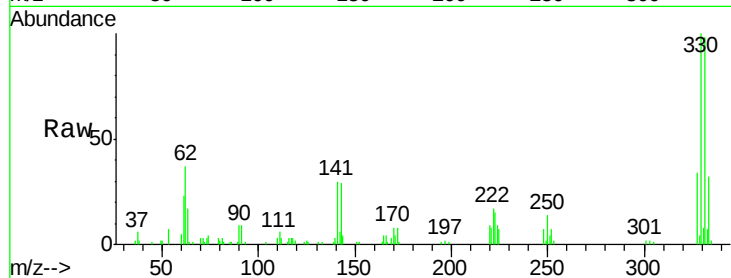




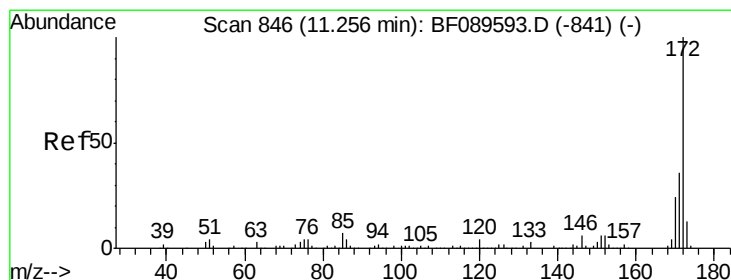
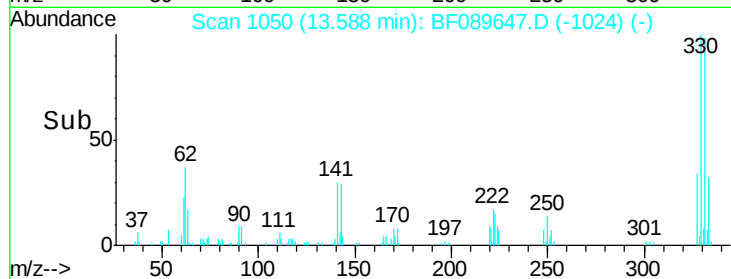
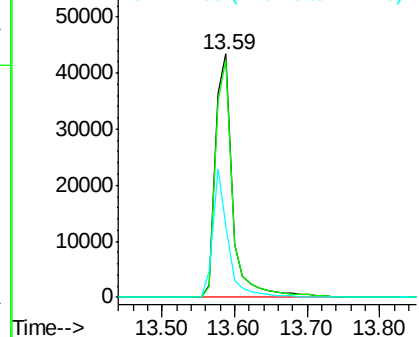
#41
 2,4,6-Tribromophenol
 Concen: 118.42 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92711TB

Tgt Ion: 330 Resp: 71565
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 46.6 38.6 57.8

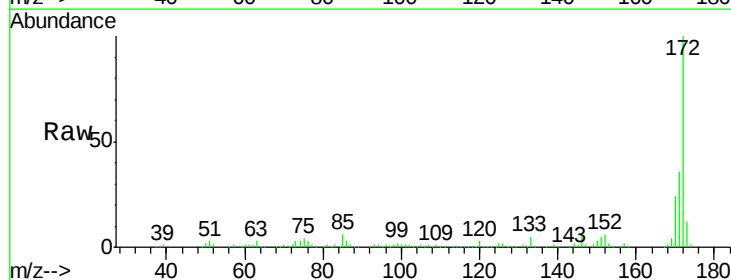


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

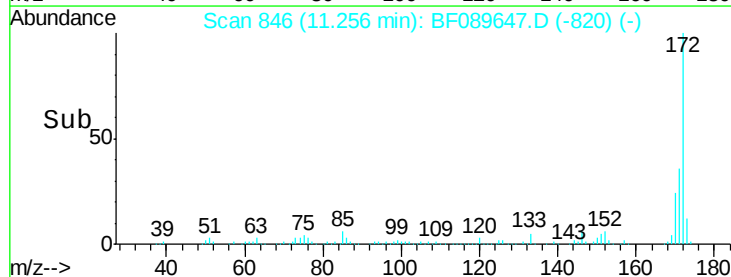
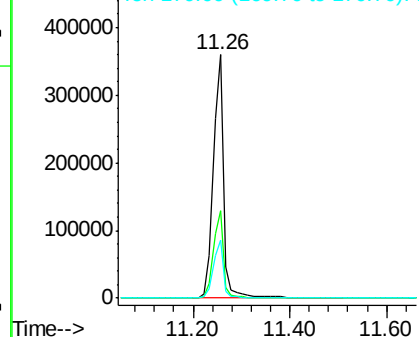


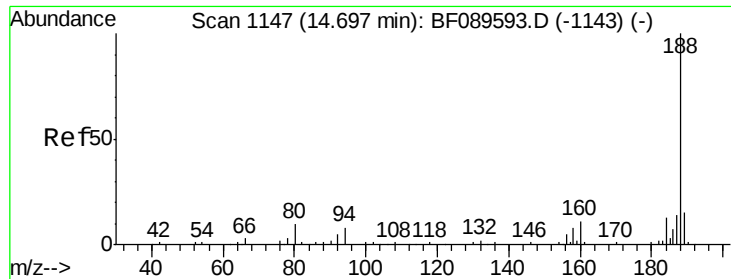
#44
 2-Fluorobiphenyl
 Concen: 97.11 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion: 172 Resp: 547187
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 19.0 28.6



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

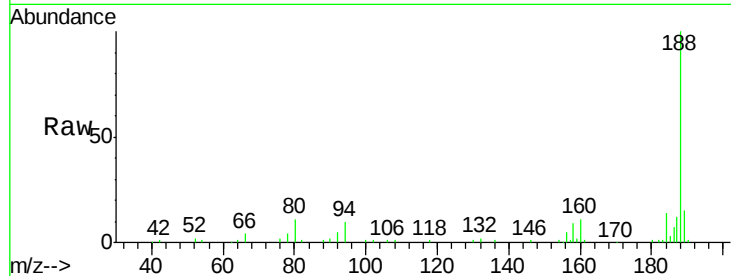




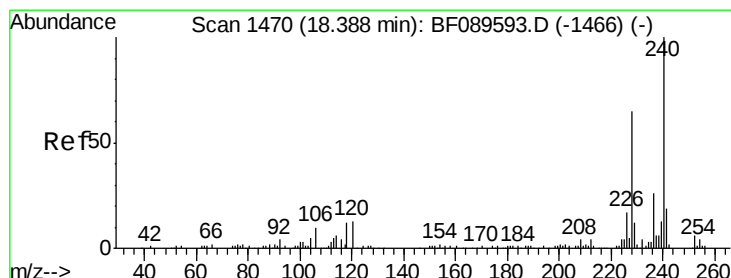
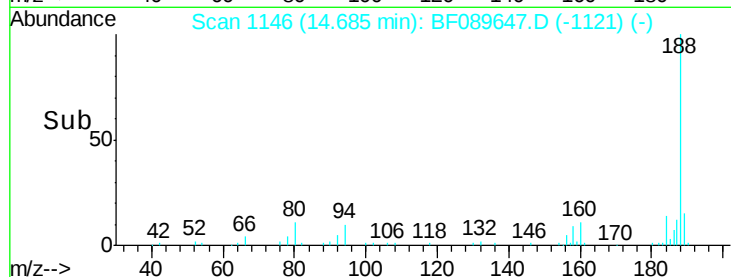
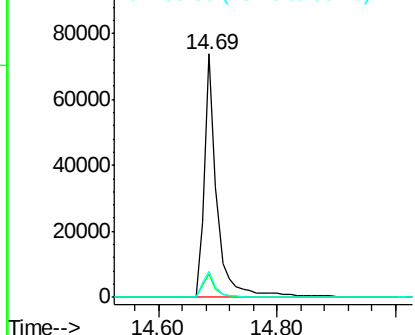
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089647.D
Acq: 6 Aug 2016 3:02

Instrument :
BNA_F
ClientSampleId :
PB92711TB

Tgt Ion:188 Resp: 111923
Ion Ratio Lower Upper
188 100
94 9.8 6.5 9.7#
80 10.9 8.0 12.0

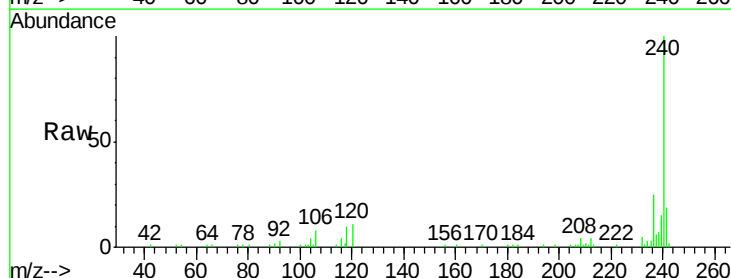


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

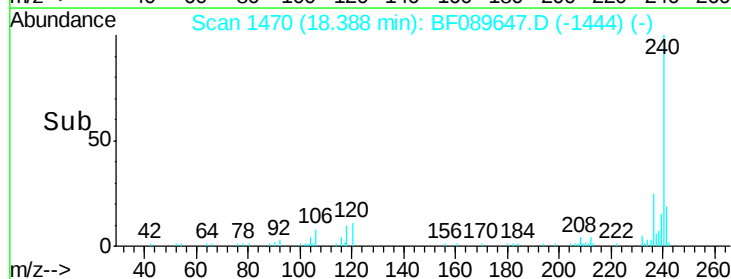
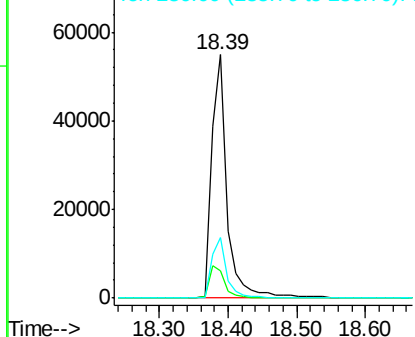


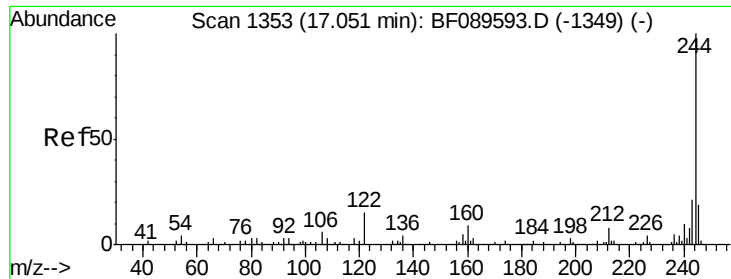
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089647.D
Acq: 6 Aug 2016 3:02

Tgt Ion:240 Resp: 86243
Ion Ratio Lower Upper
240 100
120 11.3 10.6 15.8
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: 74.05 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

Instrument :

BNA_F

ClientSampleId :

PB92711TB

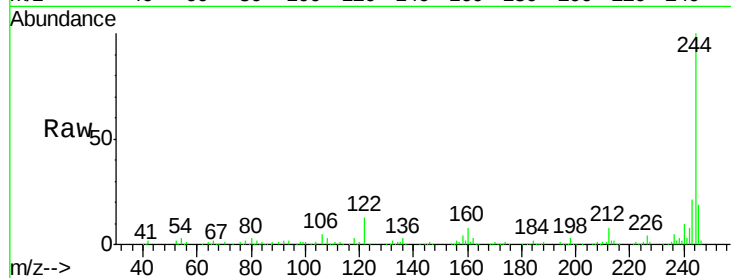
Tgt Ion:244 Resp: 323488

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

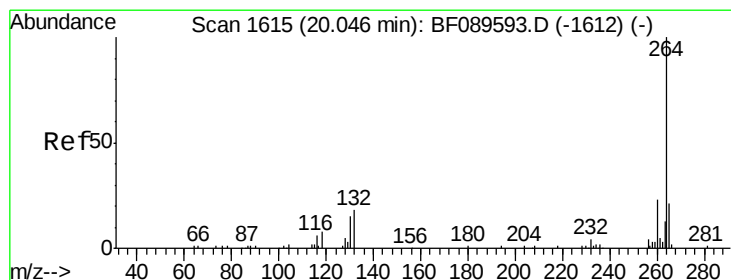
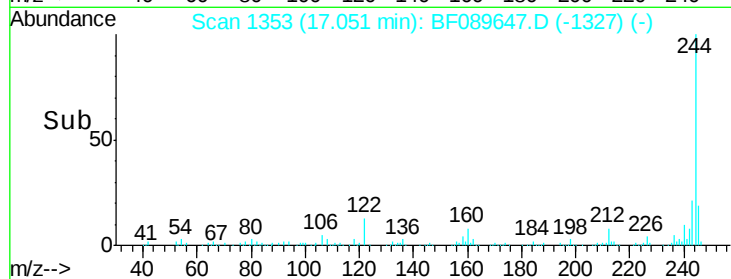
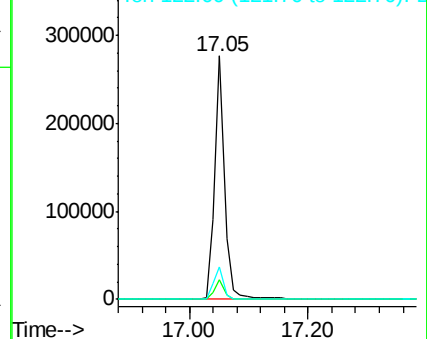
122 13.4 12.2 18.2



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: BF089647.D

Acq: 6 Aug 2016 3:02

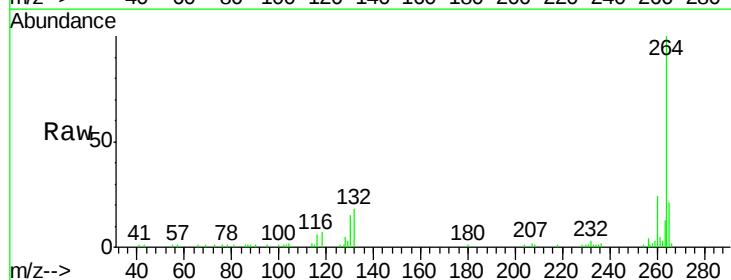
Tgt Ion:264 Resp: 74688

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 20.9 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

