

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089599.D
 Acq On : 4 Aug 2016 21:23
 Operator : UM/SJ
 Sample : PB92672BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BL

Quant Time: Aug 05 02:00:01 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	7.45	152	40356	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	172254	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	87192	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	172729	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	120617	20.00	ng	-0.01
86) Perylene-d12	20.05	264	92587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	269609	111.97	ng	0.02
7) Phenol-d6	6.97	99	356825	109.24	ng	-0.01
23) Nitrobenzene-d5	8.34	82	218659	70.21	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	76768	106.69	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	431836	64.37	ng	-0.01
78) Terphenyl-d14	17.05	244	409887	67.09	ng	0.00

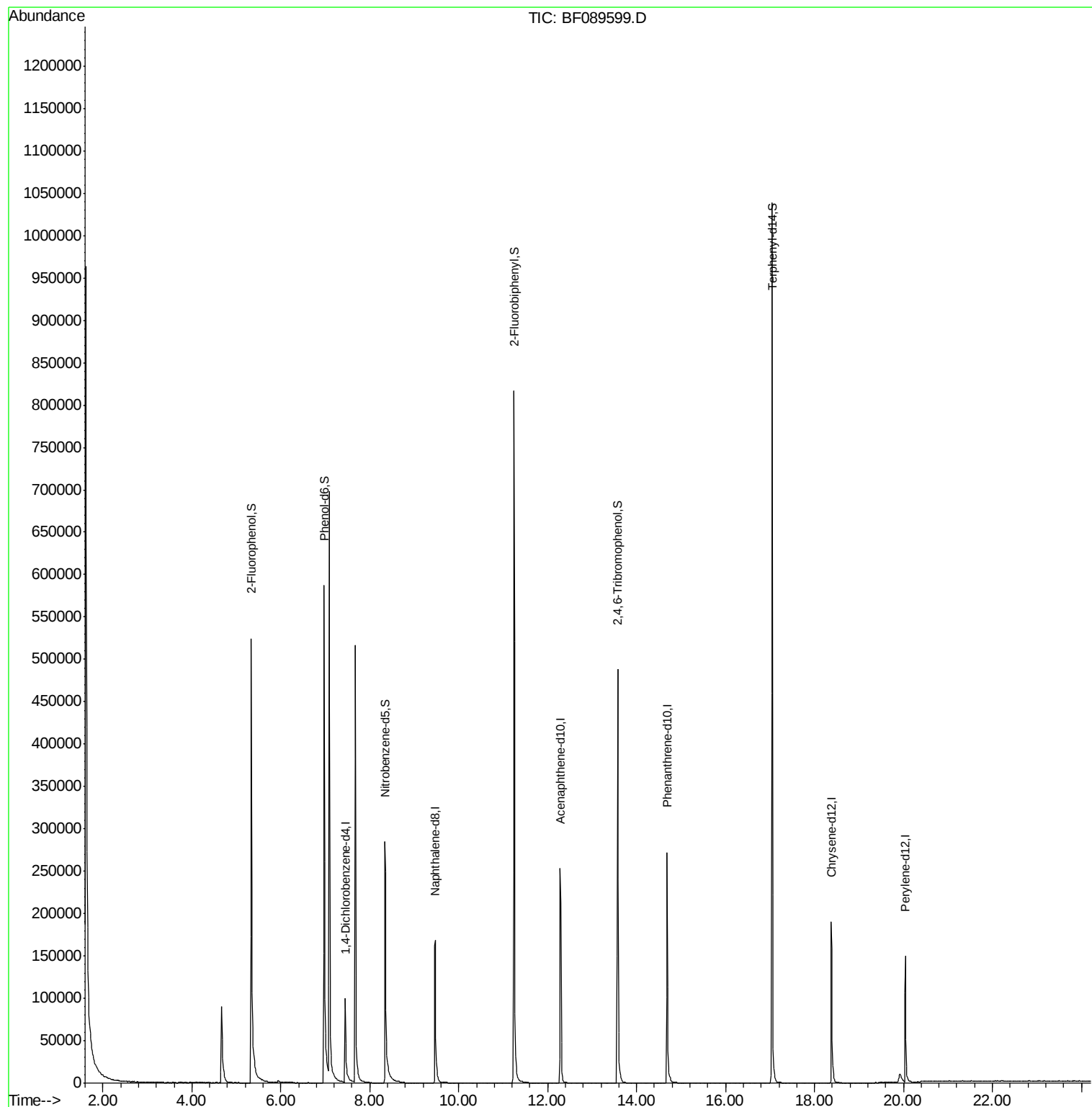
Target Compounds Qvalue

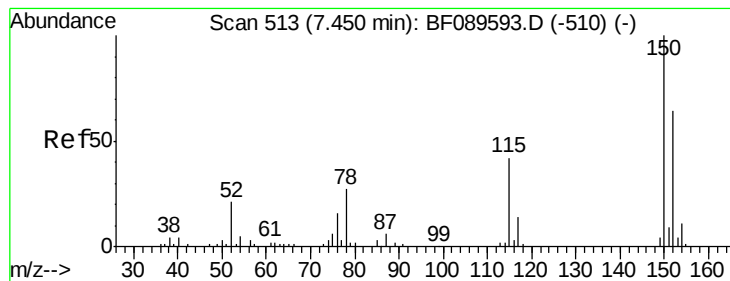
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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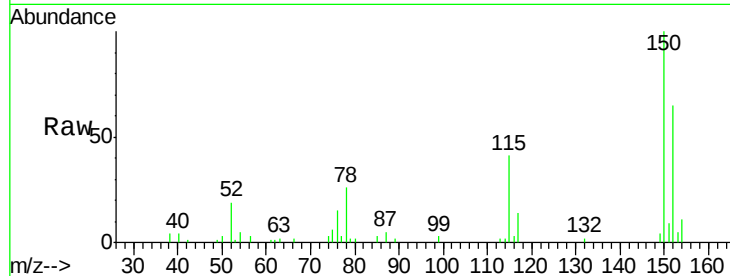


#1

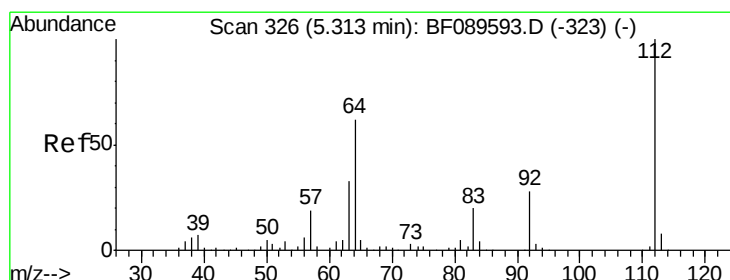
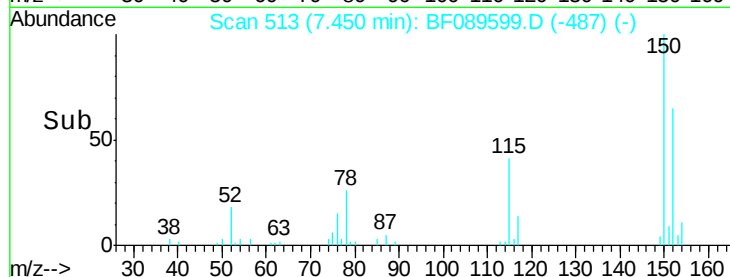
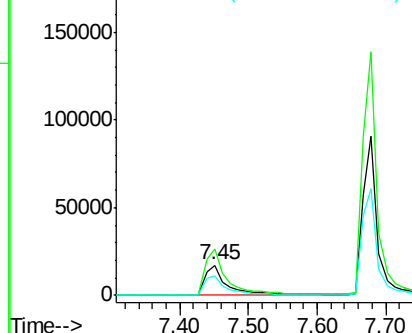
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92672BL

Tot Ion:152 Resp: 40356
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 63.1 52.0 78.0



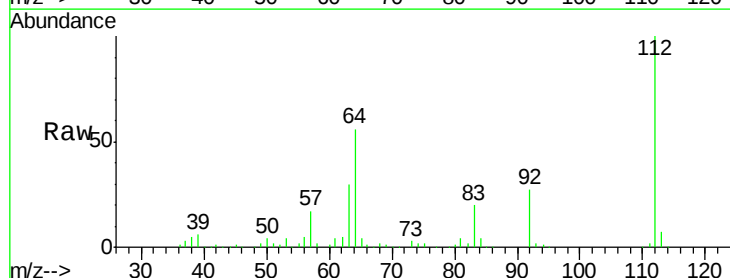
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



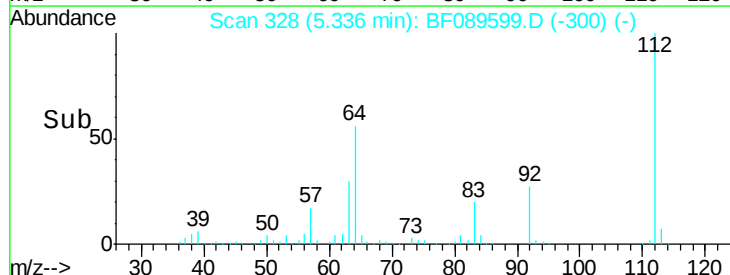
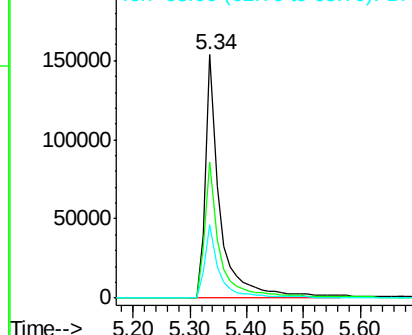
#5

2-Fluorophenol
Concen: 111.97 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Tgt Ion:112 Resp: 269609
Ion Ratio Lower Upper
112 100
64 55.9 49.9 74.9
63 30.1 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: 109.24 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089599.D

Acq: 4 Aug 2016 21:23

Instrument :

BNA_F

ClientSampleId :

PB92672BL

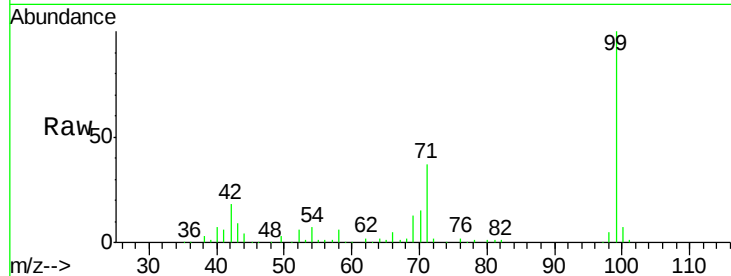
Tot Ion: 99 Resp: 356825

Ion Ratio Lower Upper

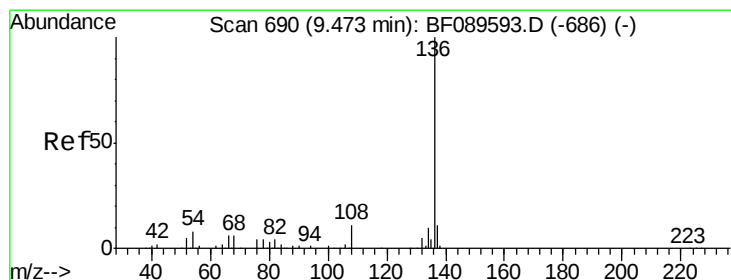
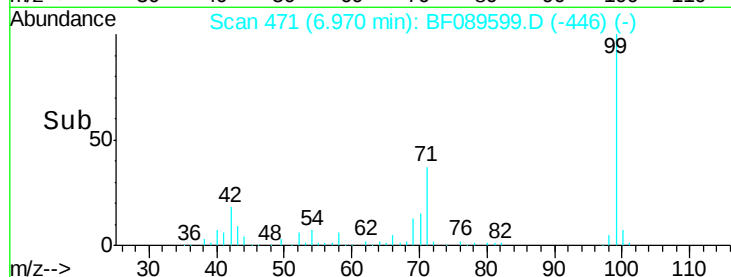
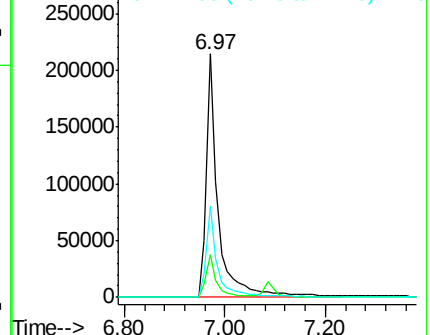
99 100

42 17.7 13.7 20.5

71 37.3 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: BF089599.D

Acq: 4 Aug 2016 21:23

Tgt Ion: 136 Resp: 172254

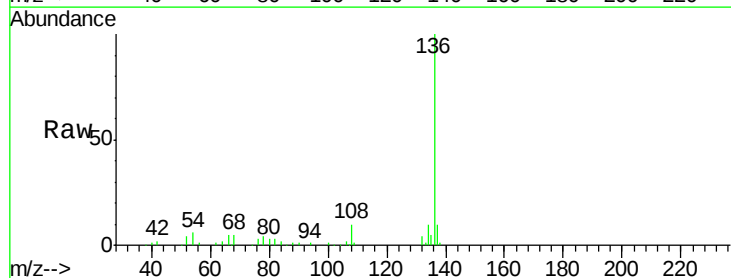
Ion Ratio Lower Upper

136 100

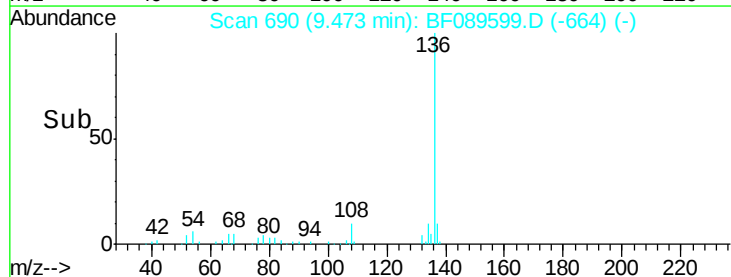
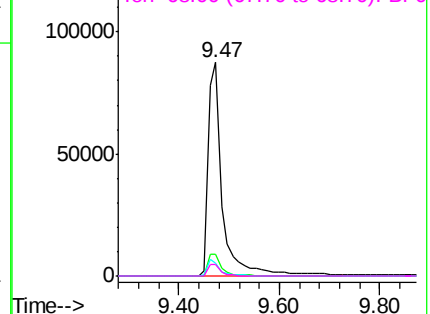
137 10.4 8.6 12.8

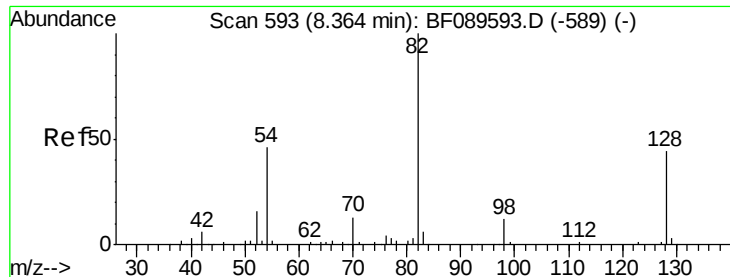
54 6.1 6.0 9.0

68 5.4 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

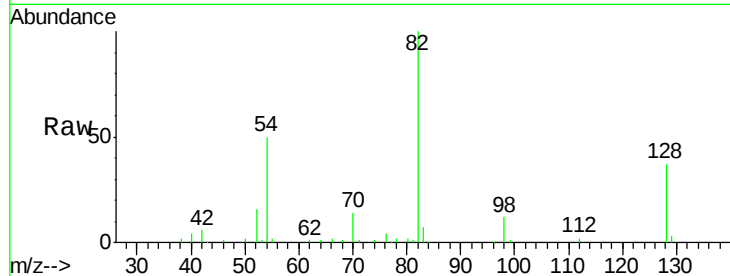




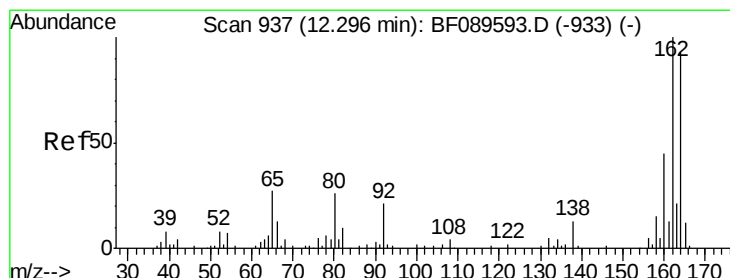
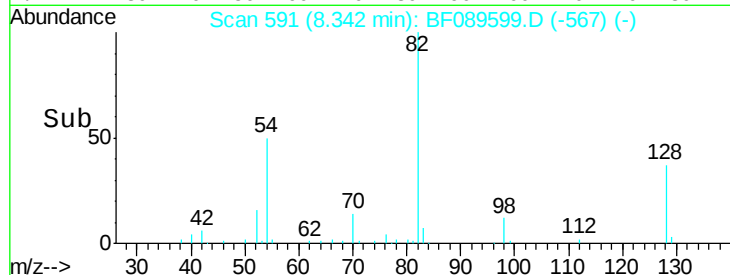
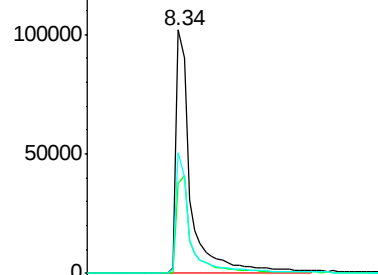
#23
Nitrobenzene-d5
Concen: 70.21 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92672BL

Tot Ion	82	Resp	218659
Ion Ratio	Lower	Upper	
82	100		
128	37.2	35.4	53.0
54	49.6	36.4	54.6

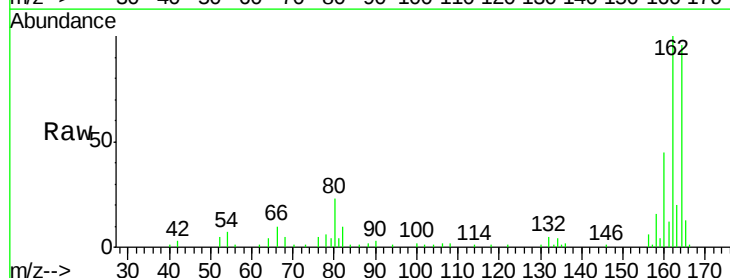


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

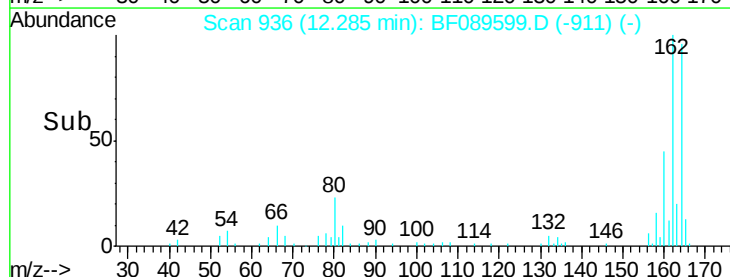
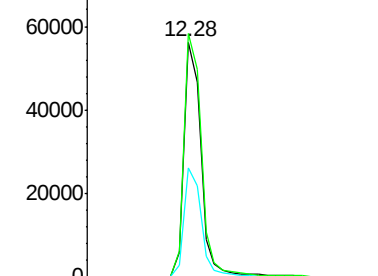


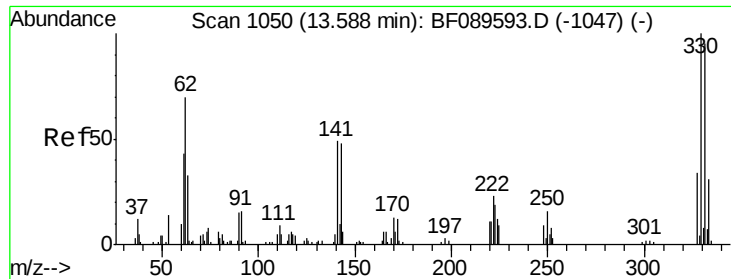
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Tgt Ion	164	Resp	87192
Ion Ratio	Lower	Upper	
164	100		
162	103.7	85.7	128.5
160	46.4	38.2	57.4



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

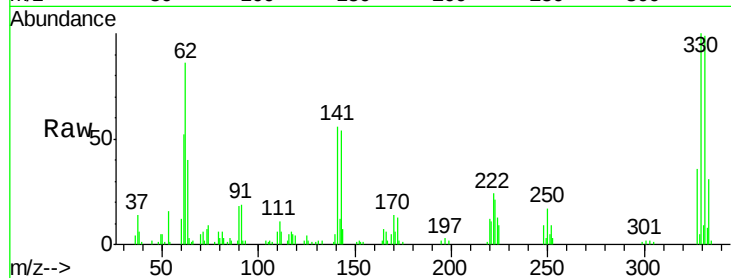




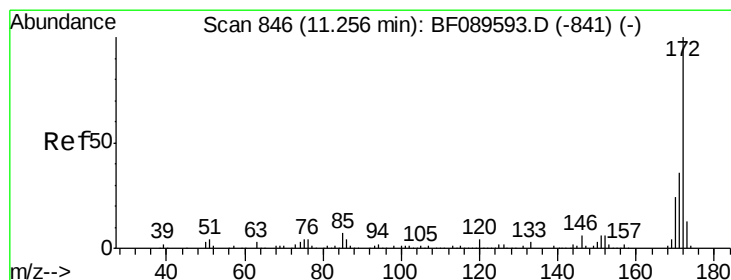
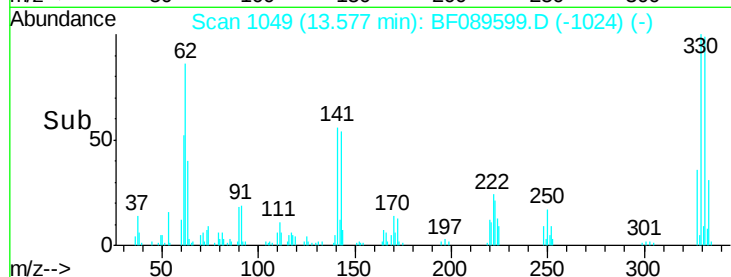
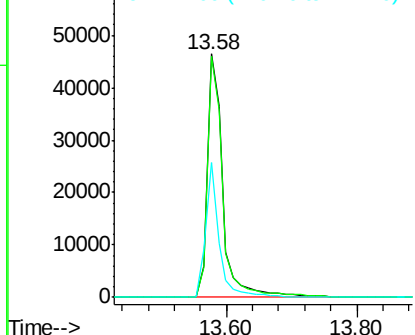
#41
 2,4,6-Tribromophenol
 Concen: 106.69 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089599.D
 Acq: 4 Aug 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BL

Tot Ion:330 Resp: 76768
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 47.8 38.6 57.8

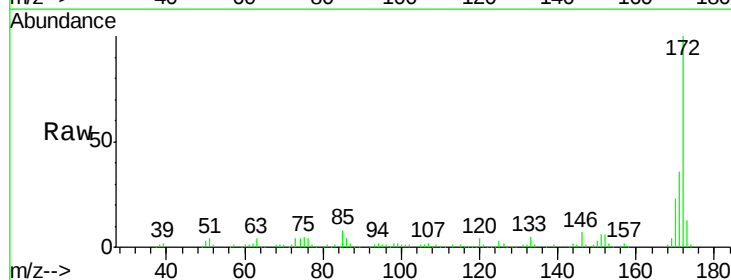


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

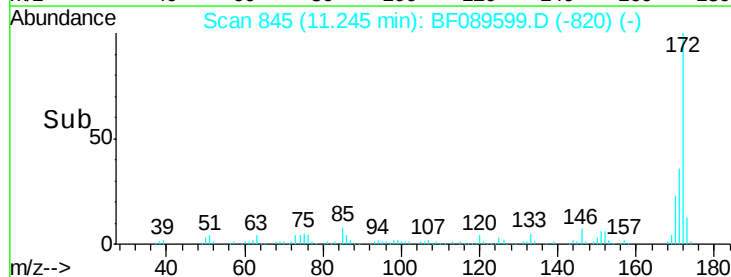
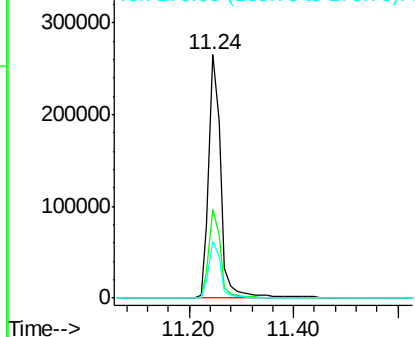


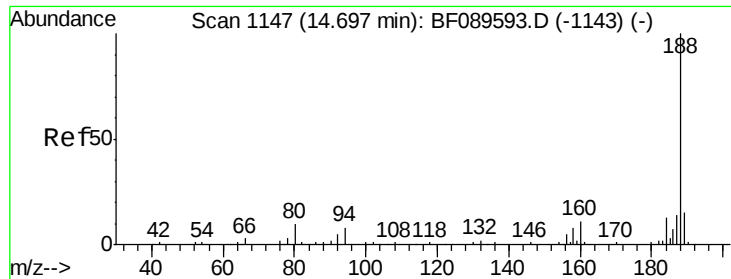
#44
 2-Fluorobiphenyl
 Concen: 64.37 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089599.D
 Acq: 4 Aug 2016 21:23

Tgt Ion:172 Resp: 431836
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.5 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

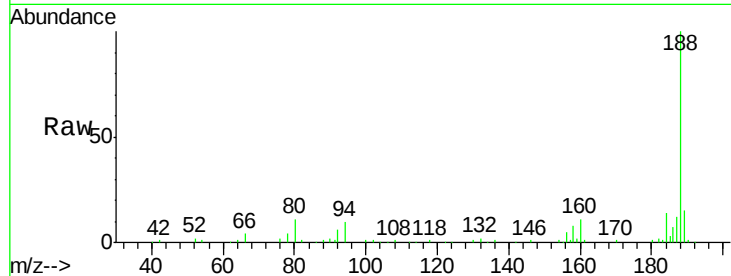




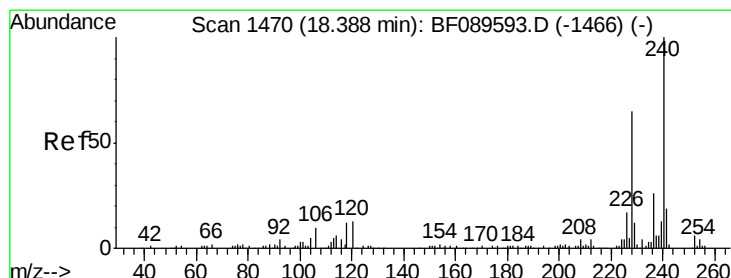
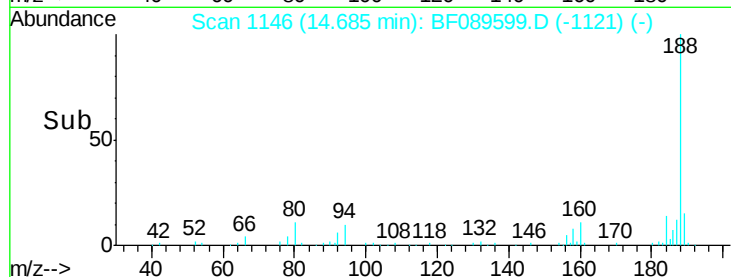
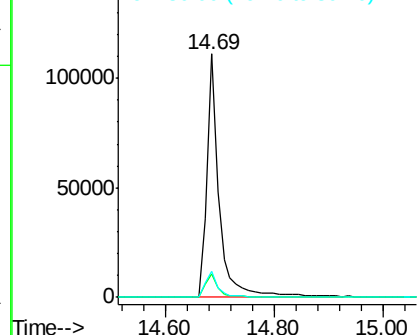
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Instrument :
BNA_F
ClientSampled :
PB92672BL

Tot Ion:188 Resp: 172729
Ion Ratio Lower Upper
188 100
94 9.6 6.5 9.7
80 10.8 8.0 12.0

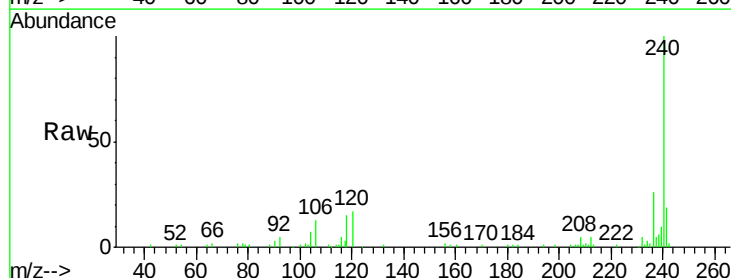


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

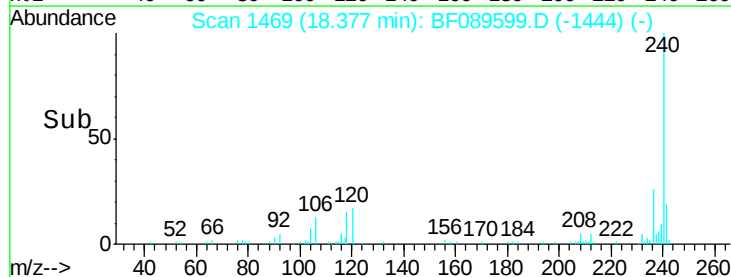
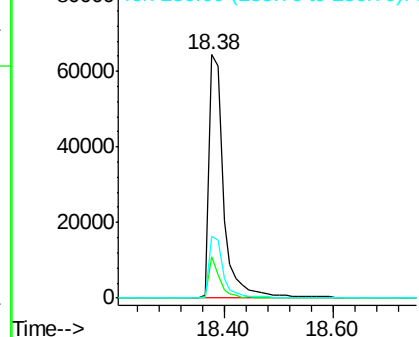


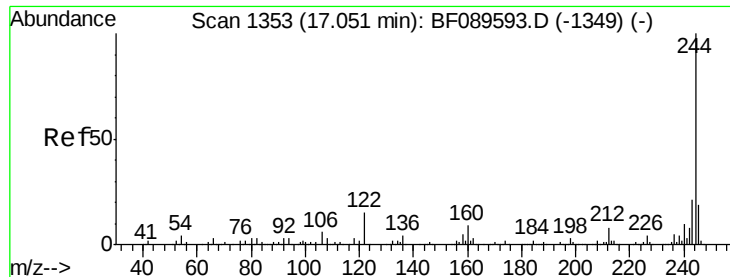
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089599.D
Acq: 4 Aug 2016 21:23

Tgt Ion:240 Resp: 120617
Ion Ratio Lower Upper
240 100
120 16.9 10.6 15.8#
236 25.6 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: 67.09 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089599.D

Acq: 4 Aug 2016 21:23

Instrument :

BNA_F

ClientSampleId :

PB92672BL

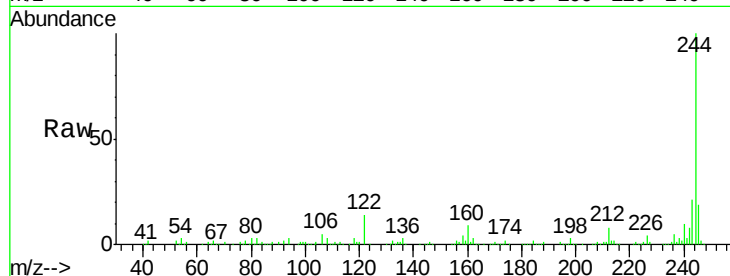
Tot Ion:244 Resp: 409887

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

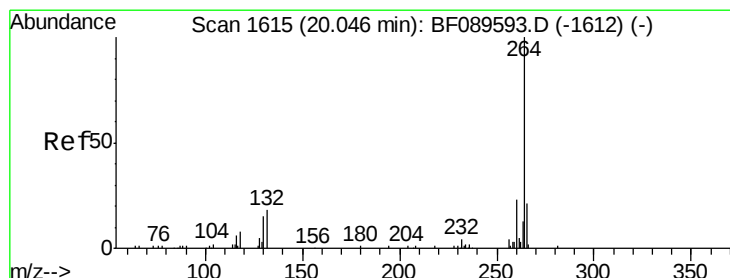
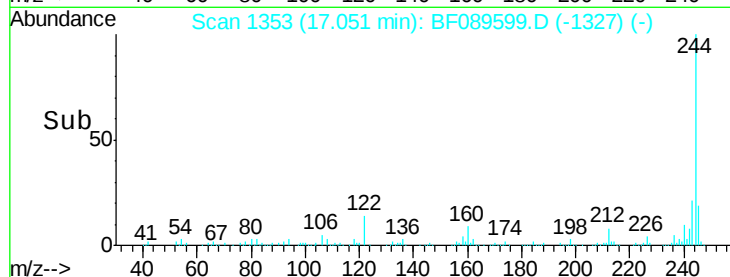
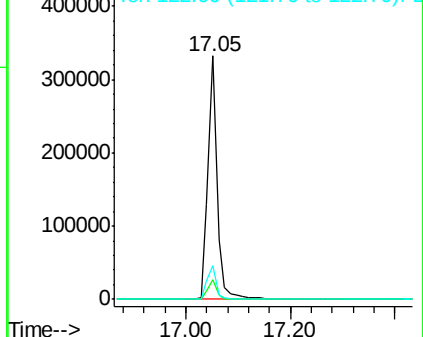
122 13.7 12.2 18.2



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: BF089599.D

Acq: 4 Aug 2016 21:23

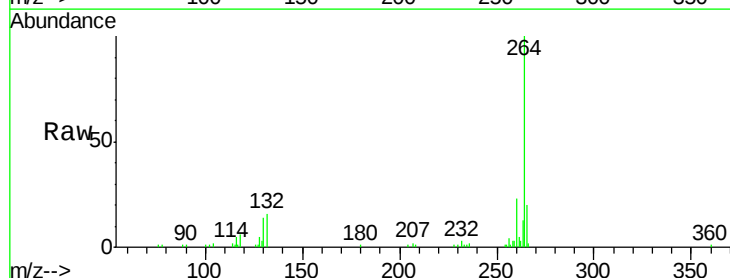
Tgt Ion:264 Resp: 92587

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.1 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

