

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089669.D
 Acq On : 8 Aug 2016 19:34
 Operator : UM/SJ
 Sample : H4367-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D1-1

Quant Time: Aug 09 13:49:01 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

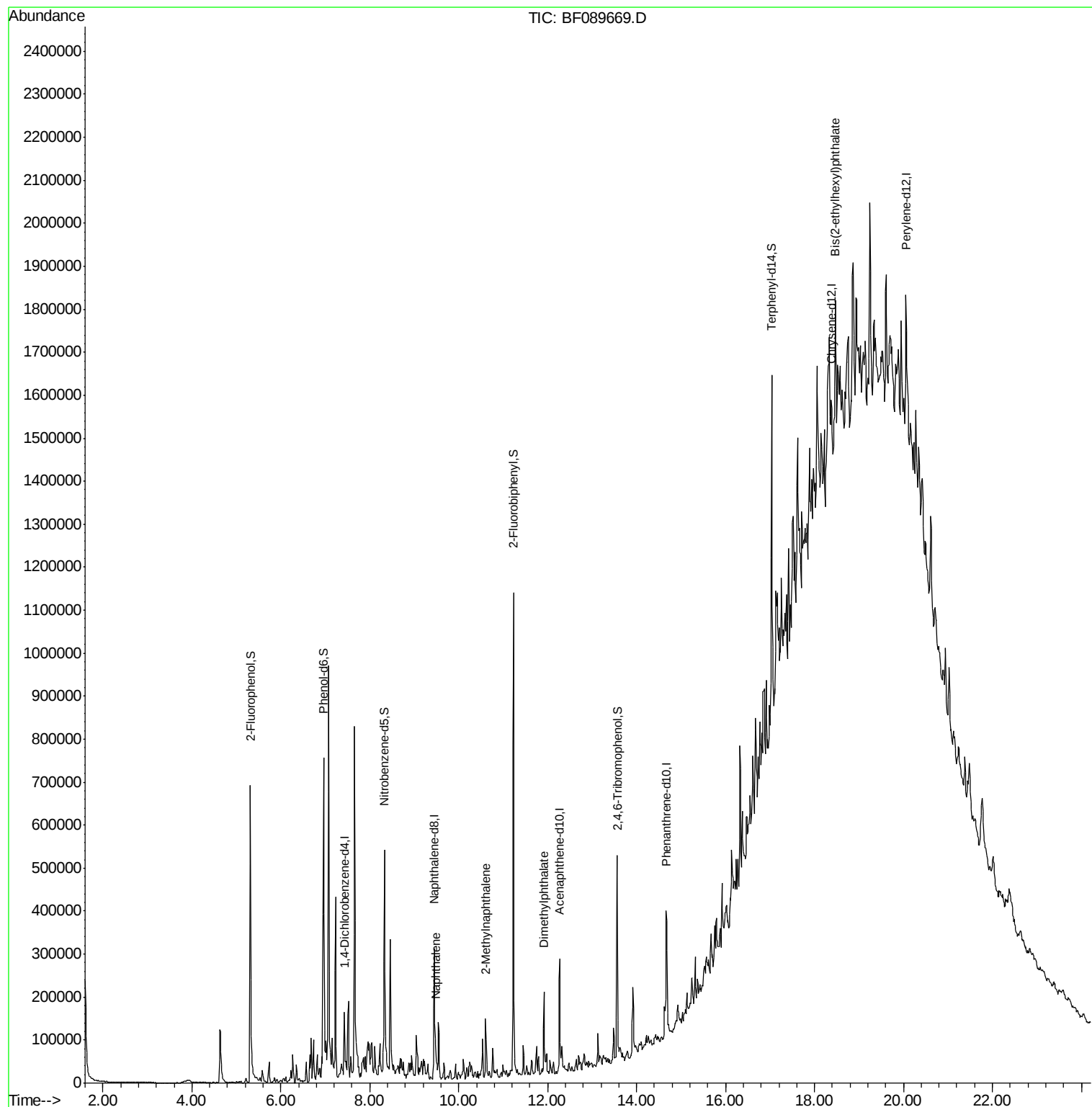
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	45125	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	188313	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	84650	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	136948	20.00	ng	-0.03
75) Chrysene-d12	18.39	240	85959	20.00	ng	0.00
86) Perylene-d12	20.06	264	84857	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	371334	137.92	ng	0.00
7) Phenol-d6	6.96	99	481592	131.86	ng	-0.02
23) Nitrobenzene-d5	8.33	82	296973	87.23	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	87175	124.79	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	541086	83.07	ng	-0.02
78) Terphenyl-d14	17.04	244	314150	72.15	ng	-0.01
Target Compounds						
31) Naphthalene	9.48	128	53286	5.32	ng	98
37) 2-Methylnaphthalene	10.60	142	57775	9.39	ng	100
49) Dimethylphthalate	11.92	163	101332	15.27	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	19094	4.26	ng	# 77

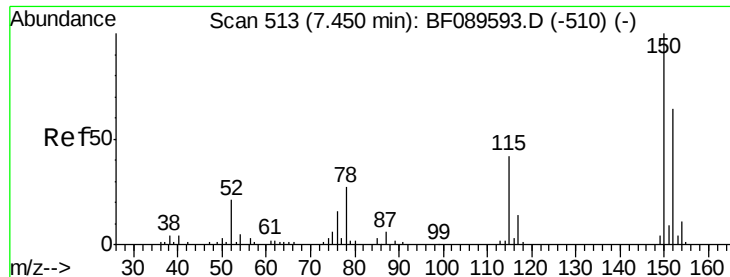
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

Instrument :

BNA_F

ClientSampled :

D1-1

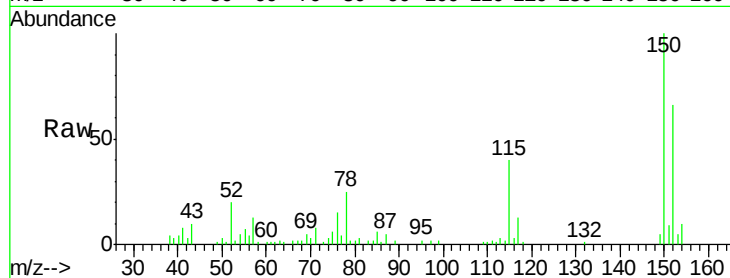
Tgt Ion:152 Resp: 45125

Ion Ratio Lower Upper

152 100

150 152.7 125.5 188.3

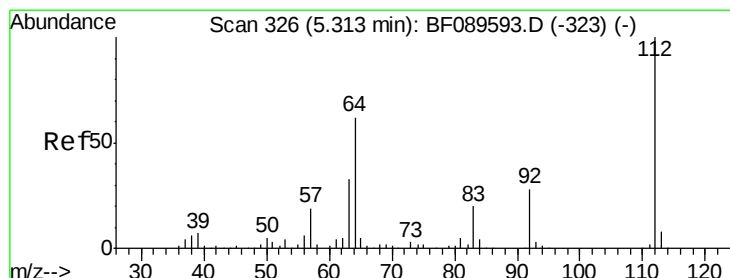
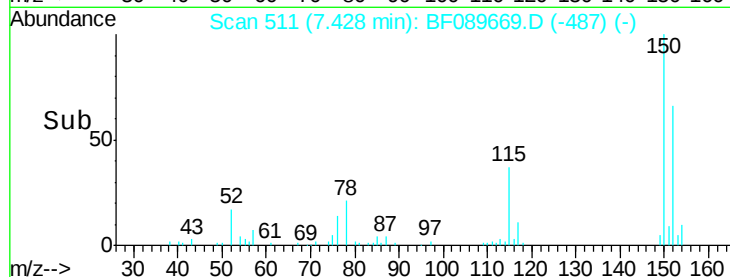
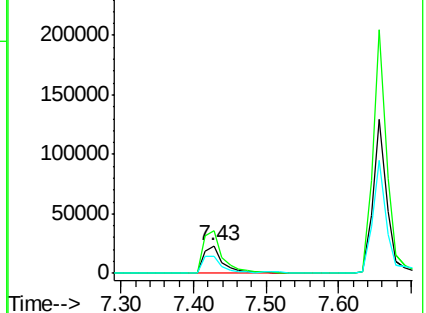
115 61.1 52.0 78.0



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: 137.92 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

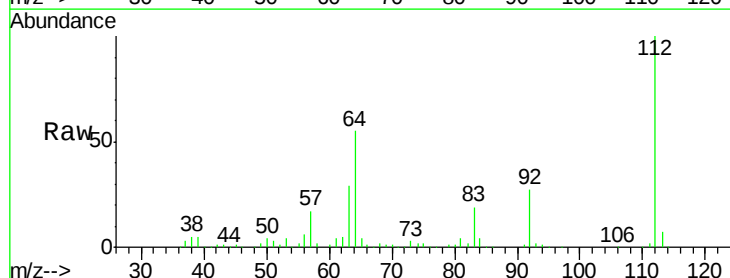
Tgt Ion:112 Resp: 371334

Ion Ratio Lower Upper

112 100

64 54.9 49.9 74.9

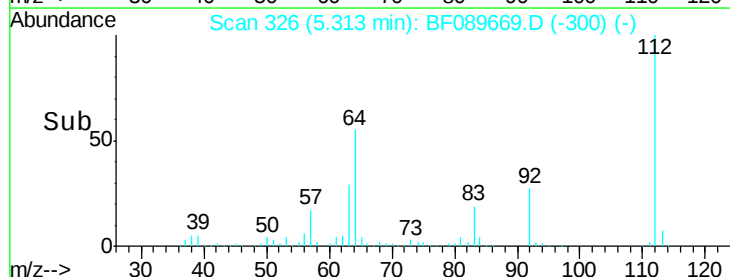
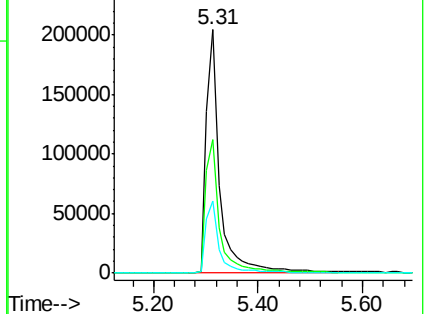
63 29.4 26.1 39.1

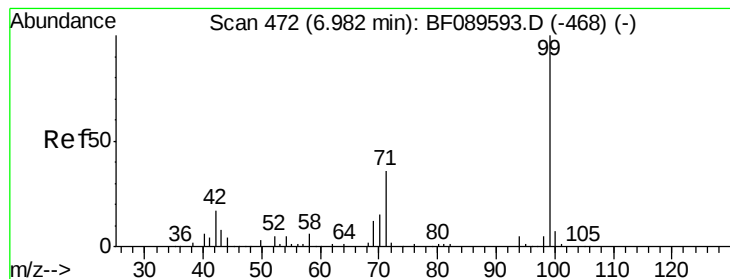


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.86 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

D1-1

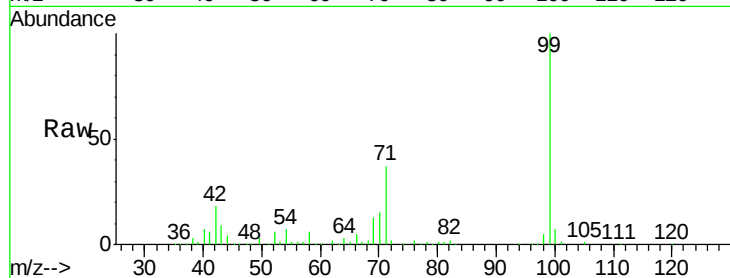
Tgt Ion: 99 Resp: 481592

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

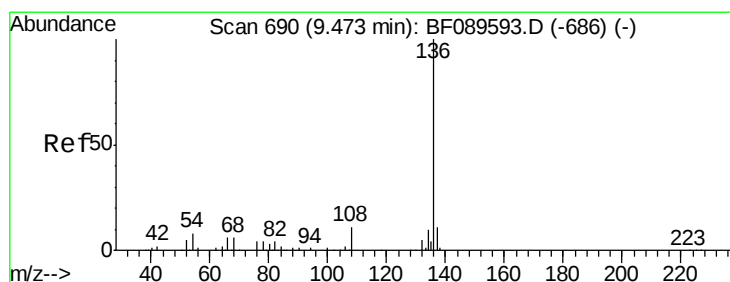
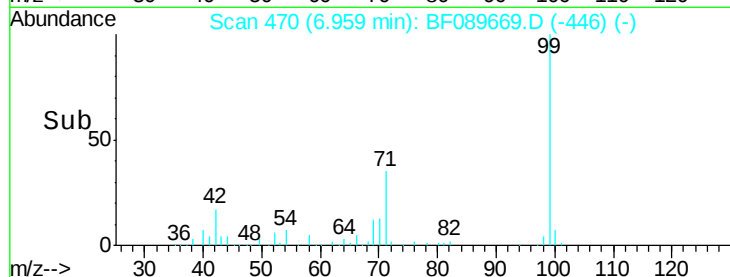
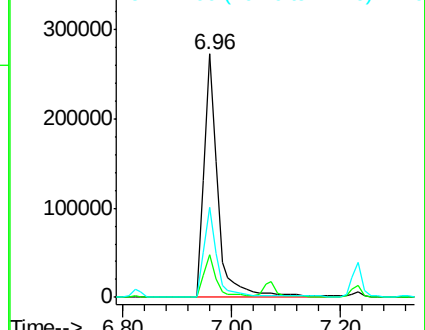
71 37.0 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

Tgt Ion: 136 Resp: 188313

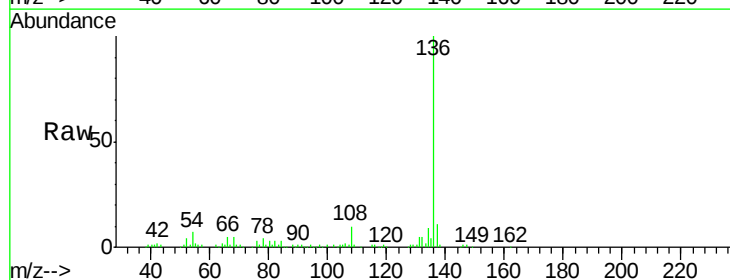
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.8 6.0 9.0

68 5.4 4.6 6.8

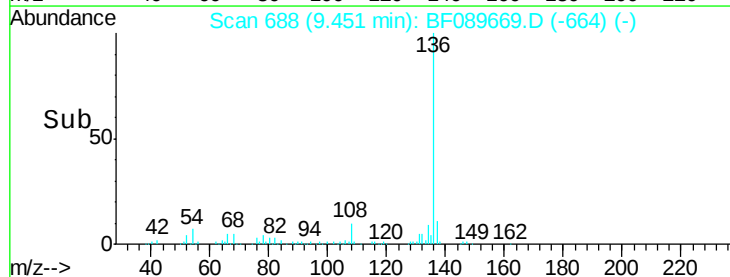
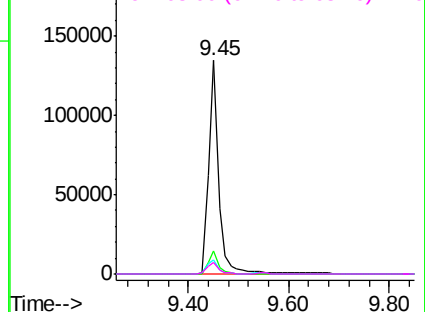


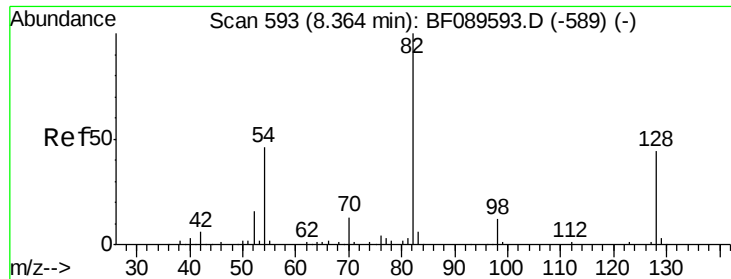
Abundance Ion 136.00 (135.70 to 136.70): E

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

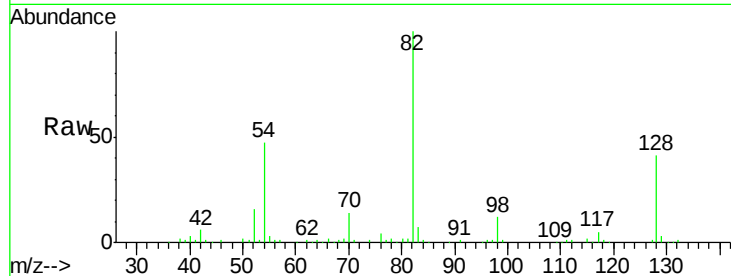




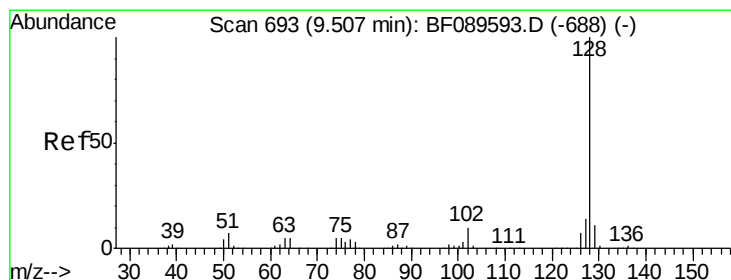
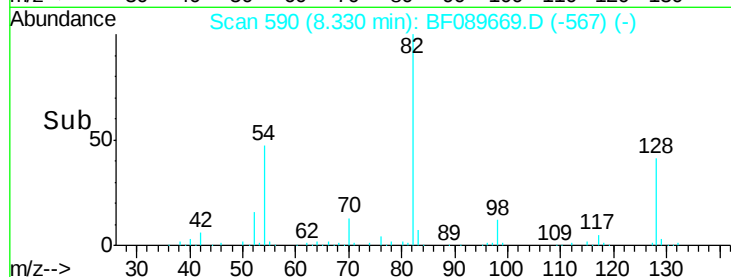
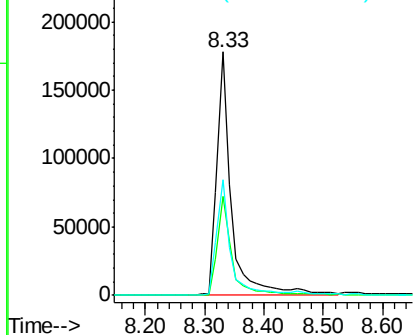
#23
 Nitrobenzene-d5
 Concen: 87.23 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Instrument :
 BNA_F
 ClientSampled :
 D1-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.4	53.0
54	47.4	36.4	54.6

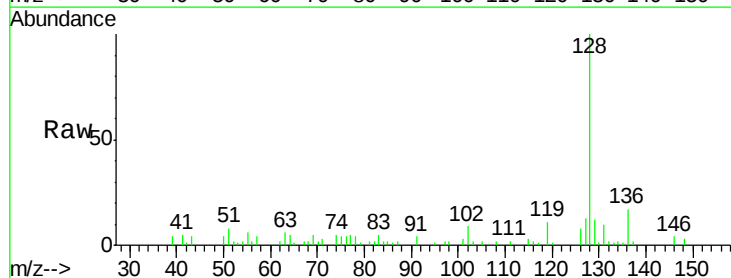


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

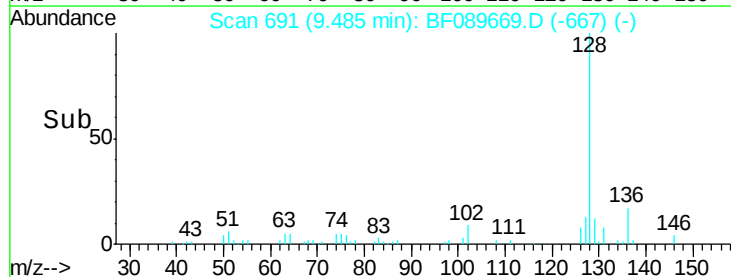
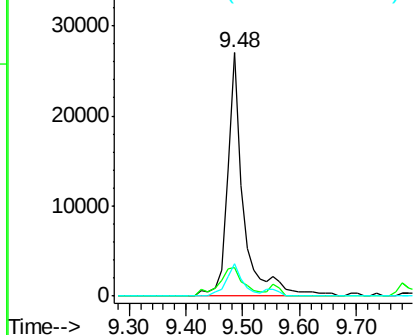


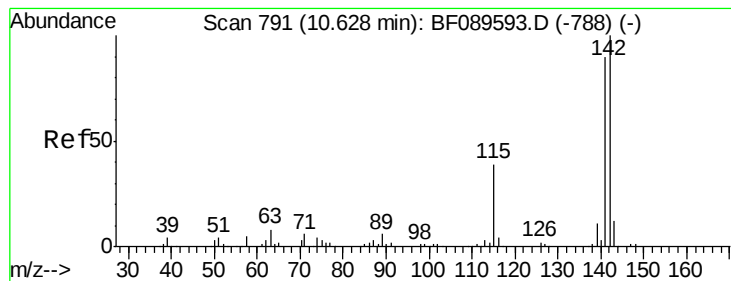
#31
 Naphthalene
 Concen: 5.32 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.7	13.1
127	13.2	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 9.39 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

D1-1

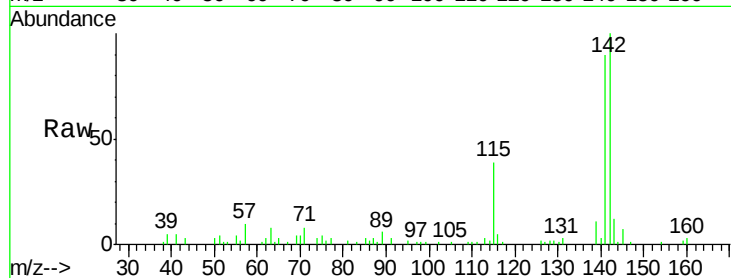
Tgt Ion:142 Resp: 57775

Ion Ratio Lower Upper

142 100

141 89.7 71.8 107.6

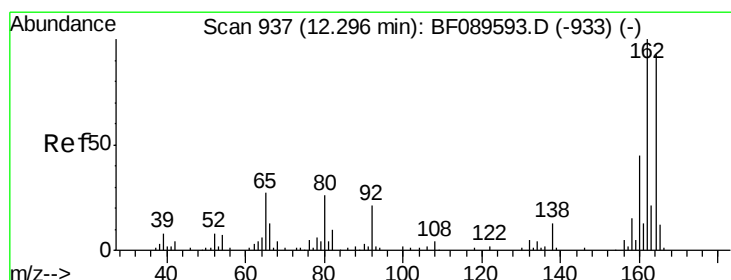
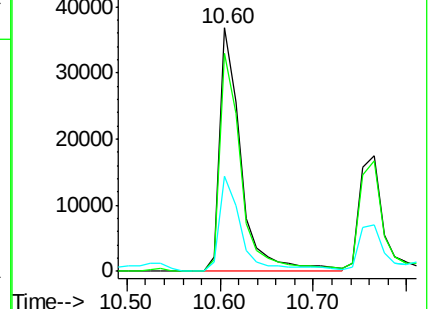
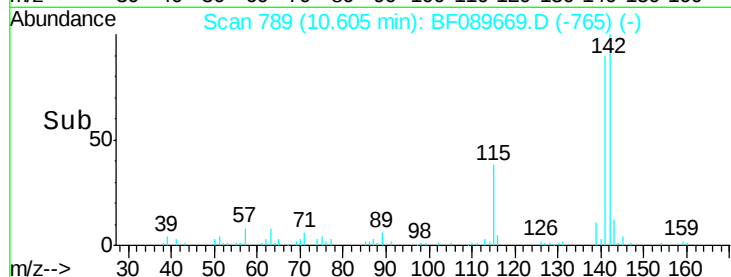
115 39.0 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

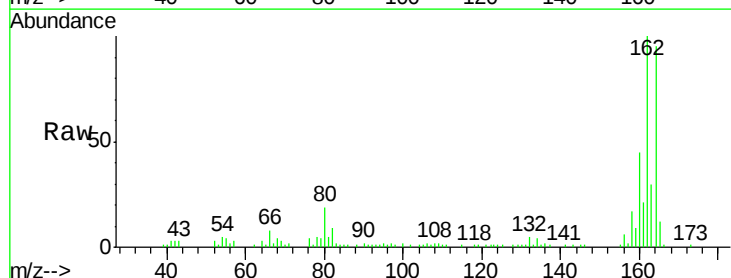
Tgt Ion:164 Resp: 84650

Ion Ratio Lower Upper

164 100

162 105.1 85.7 128.5

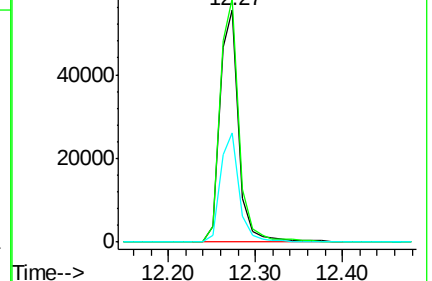
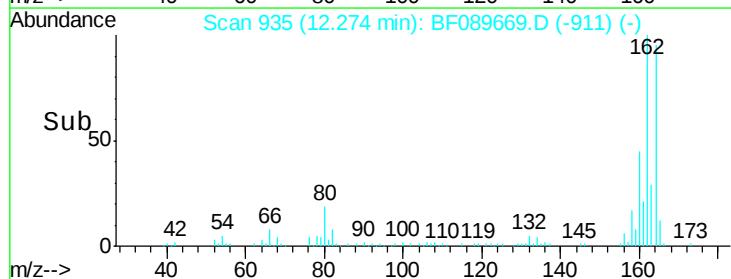
160 47.3 38.2 57.4

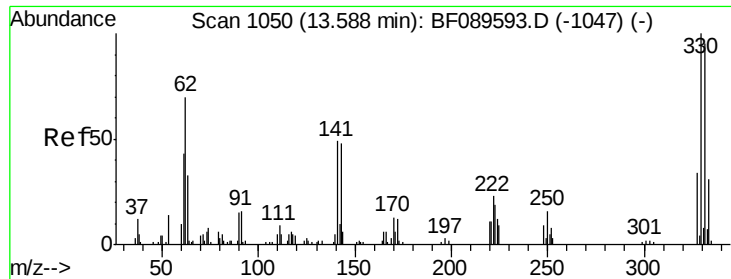


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

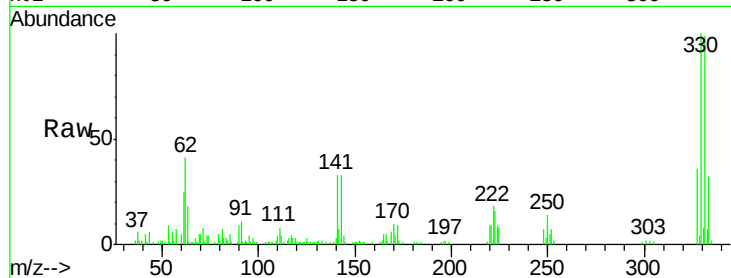




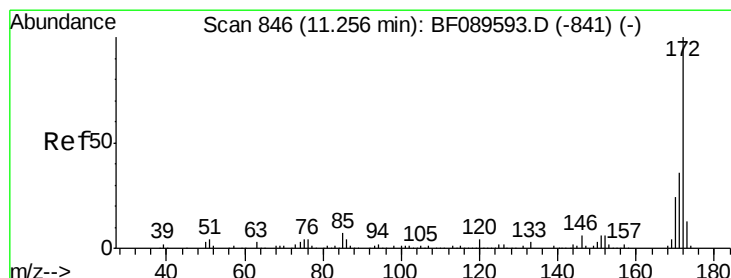
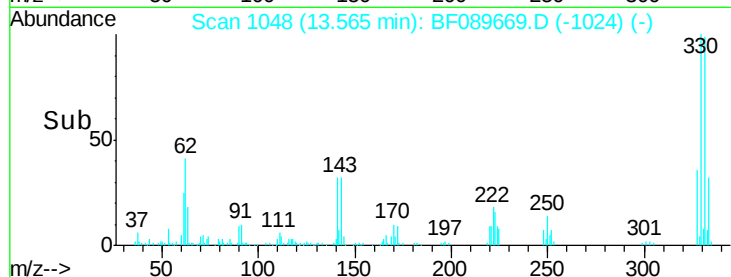
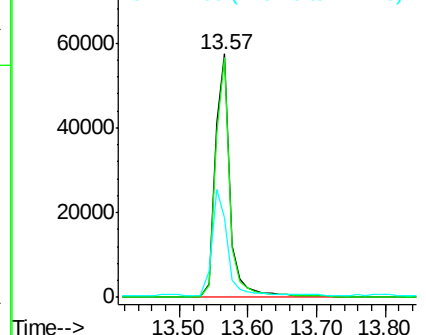
#41
 2,4,6-Tribromophenol
 Concen: 124.79 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 D1-1

Tgt Ion:330 Resp: 87175
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 46.3 38.6 57.8

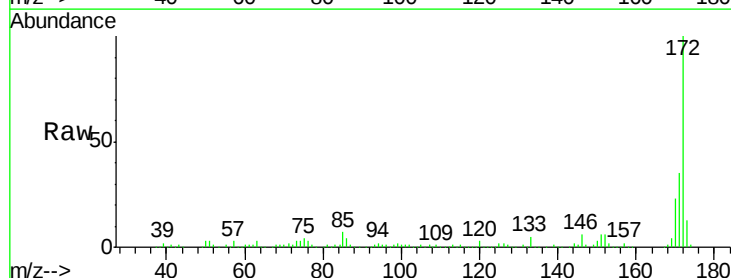


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

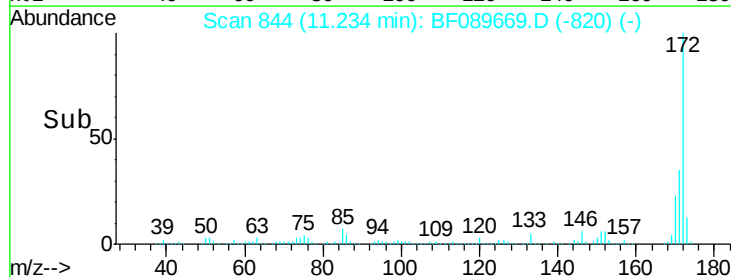
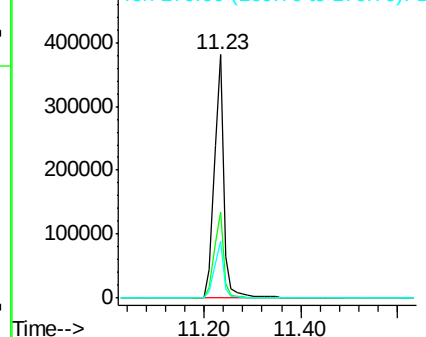


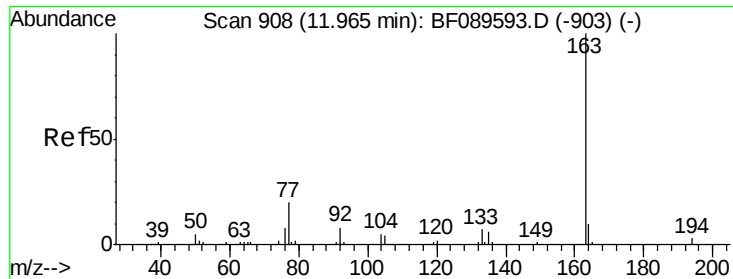
#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Tgt Ion:172 Resp: 541086
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.2 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





#49

Dimethylphthalate

Concen: 15.27 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

D1-1

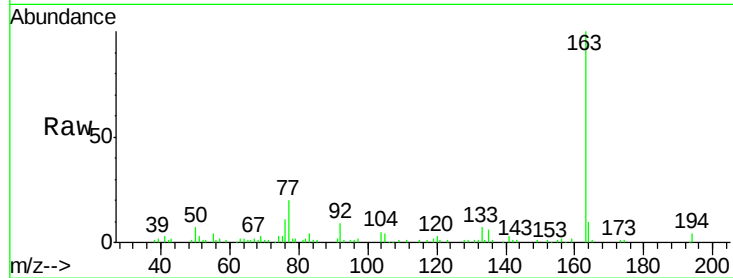
Tgt Ion:163 Resp: 101332

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

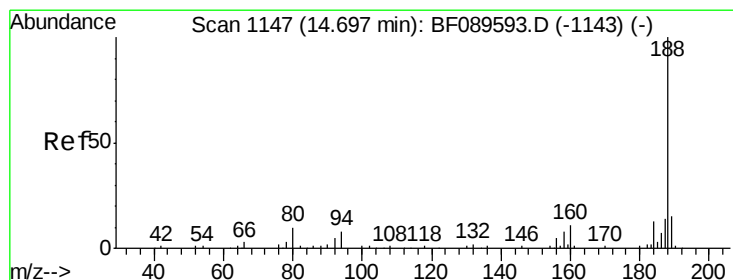
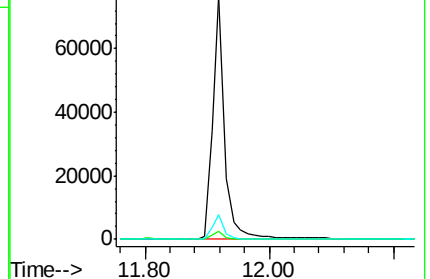
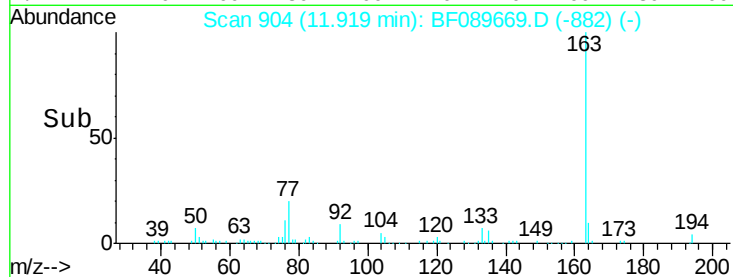
164 10.0 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

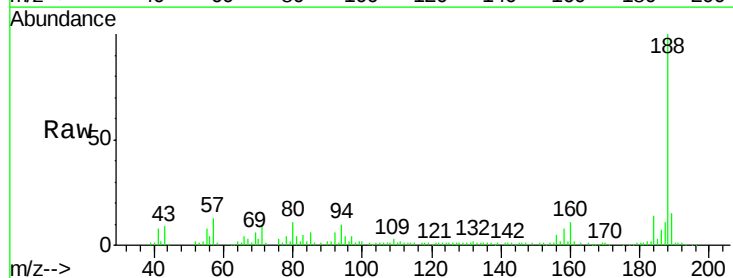
Tgt Ion:188 Resp: 136948

Ion Ratio Lower Upper

188 100

94 10.1 6.5 9.7#

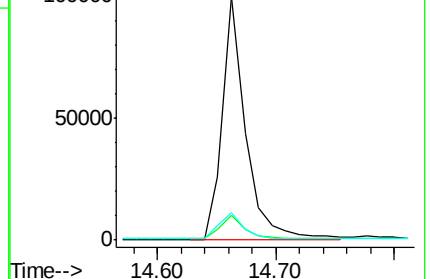
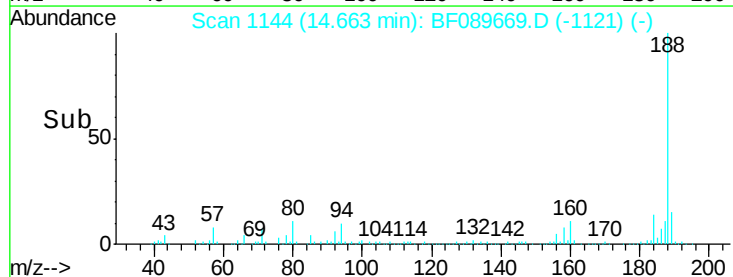
80 11.3 8.0 12.0

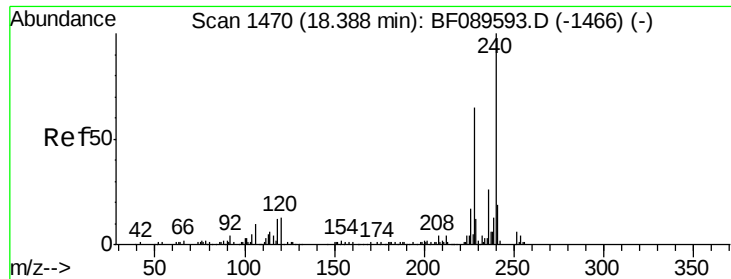


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089669.D

Acq: 8 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

D1-1

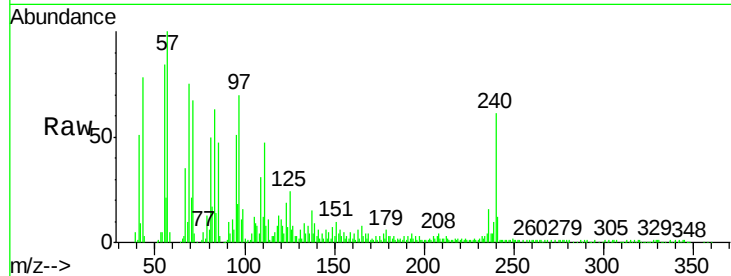
Tgt Ion:240 Resp: 85959

Ion Ratio Lower Upper

240 100

120 18.5 10.6 15.8#

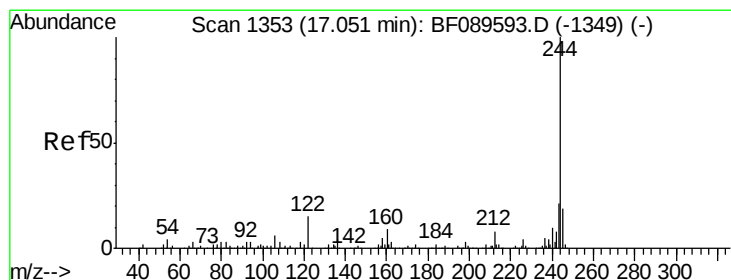
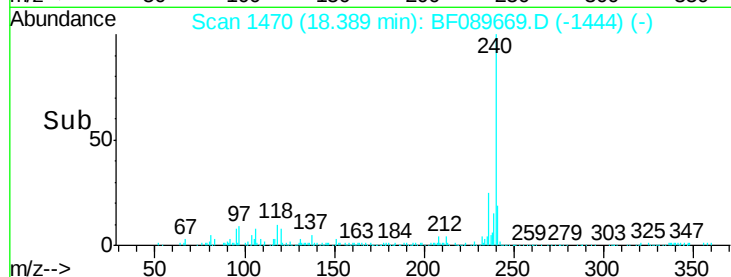
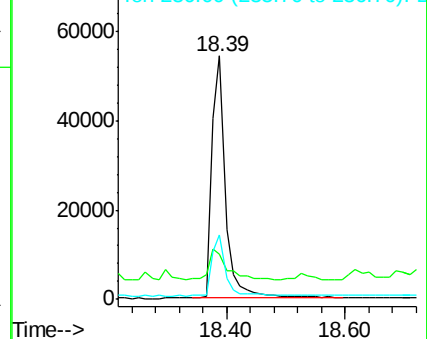
236 26.4 20.6 30.8



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: 72.15 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF089669.D

Acq: 8 Aug 2016 19:34

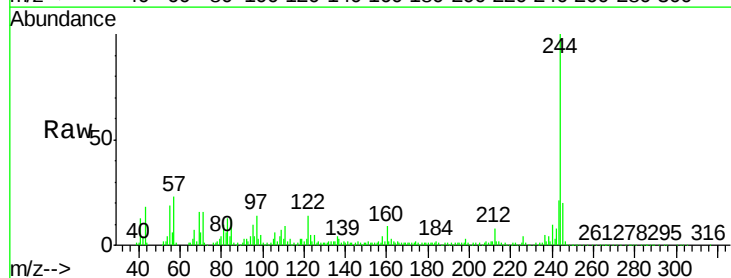
Tgt Ion:244 Resp: 314150

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

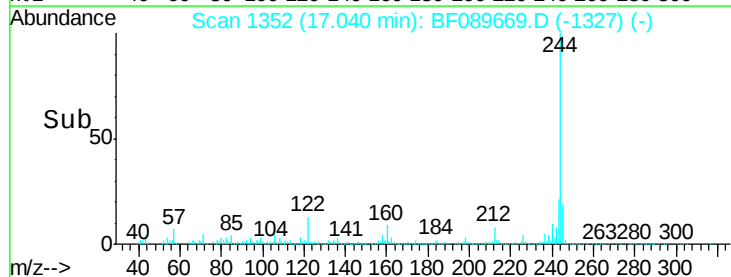
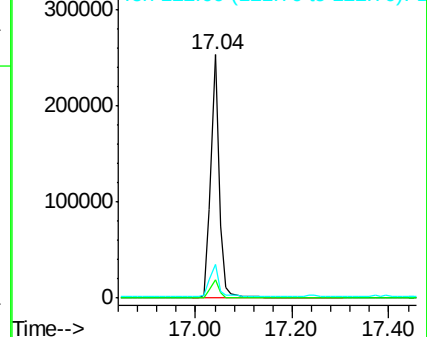
122 13.8 12.2 18.2

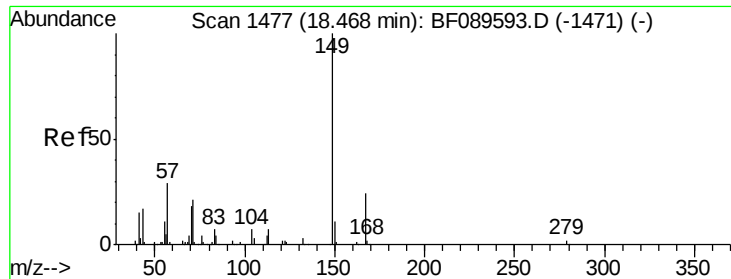


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

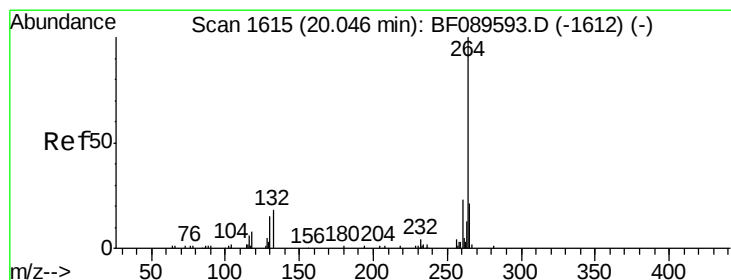
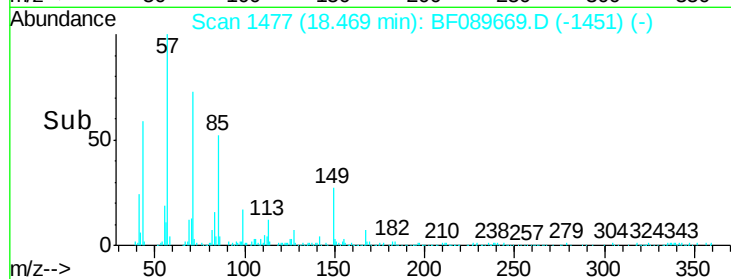
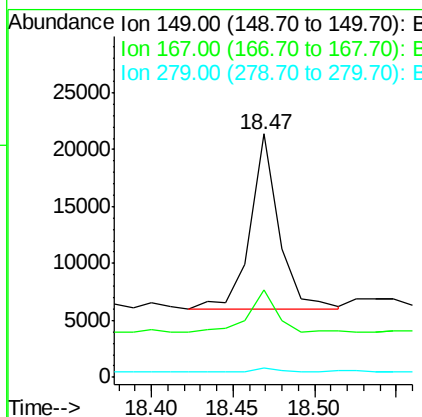
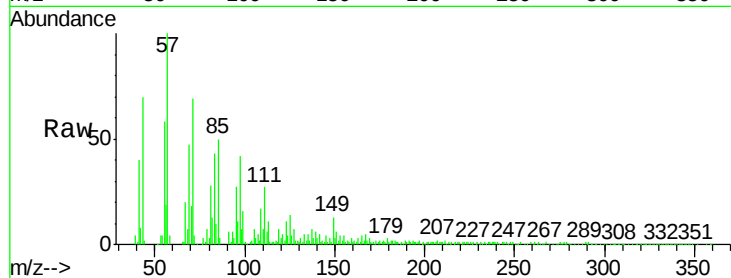




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.26 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 D1-1

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.8	19.0	28.4
279	4.0	1.8	2.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.06 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF089669.D
 Acq: 8 Aug 2016 19:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.7	16.5	24.7

