

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089517.D
 Acq On : 1 Aug 2016 18:26
 Operator : UM/SJ
 Sample : H4285-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)T

Quant Time: Aug 02 03:14:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

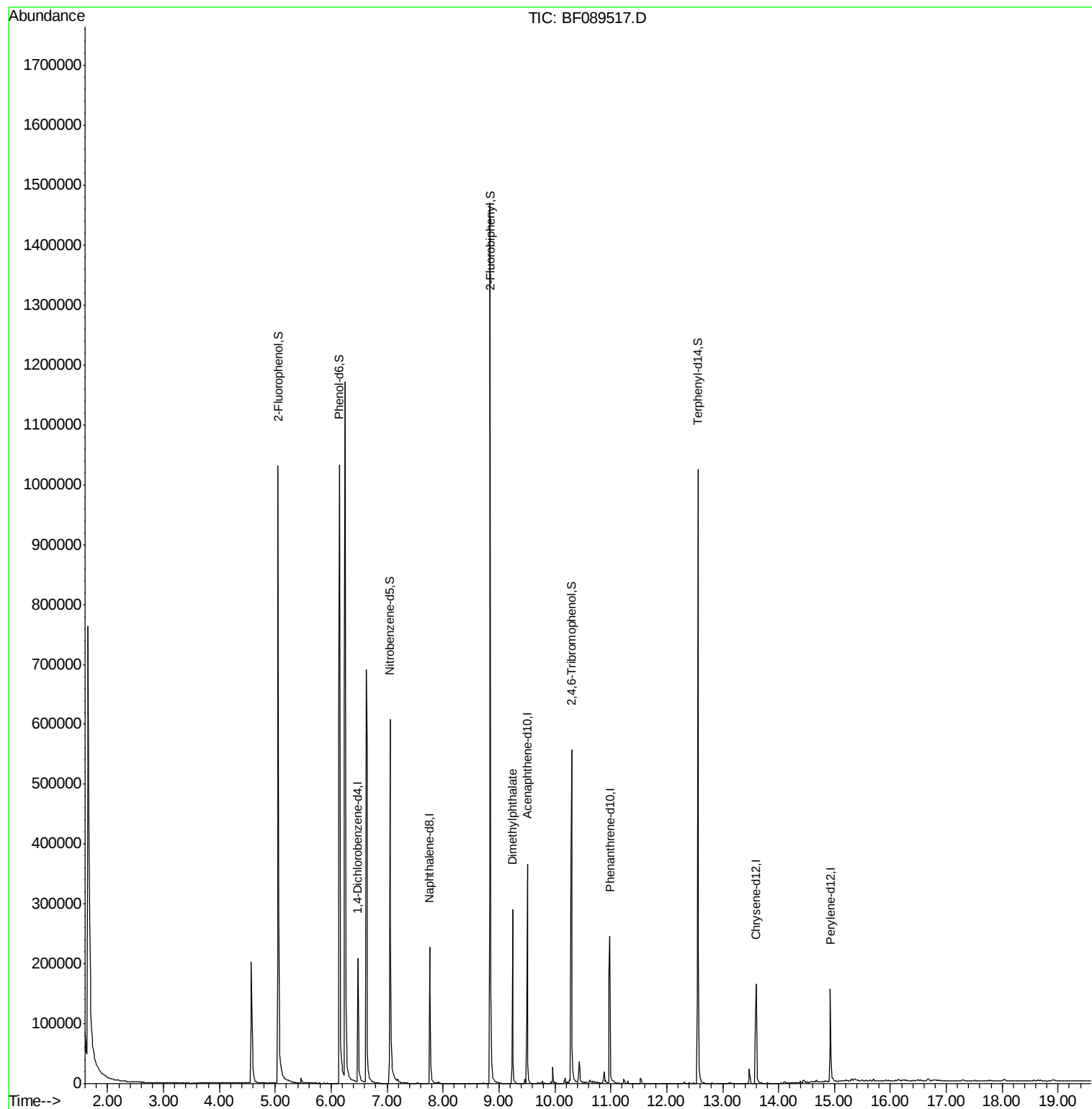
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	40240	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	162530	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	77967	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	140709	20.00	ng	0.00
75) Chrysene-d12	13.60	240	82038	20.00	ng	-0.01
86) Perylene-d12	14.93	264	70058	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	357271	141.76	ng	0.01
7) Phenol-d6	6.15	99	518548	155.70	ng	0.00
23) Nitrobenzene-d5	7.05	82	283629	103.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	80236	124.26	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	482952	90.91	ng	-0.01
78) Terphenyl-d14	12.56	244	322202	91.92	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	117434	19.79	ng	99

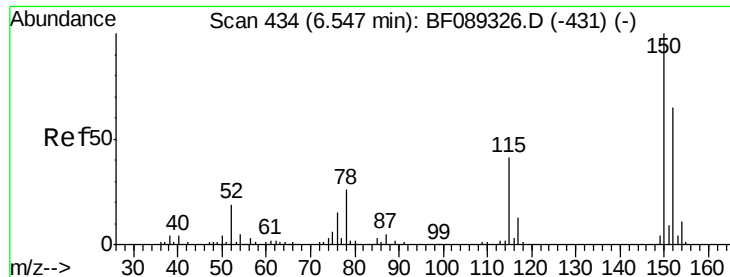
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

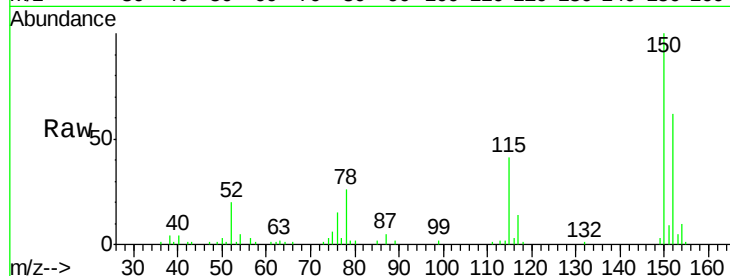
Tot Ion:152 Resp: 40240

Ion Ratio Lower Upper

152 100

150 160.5 129.5 194.3

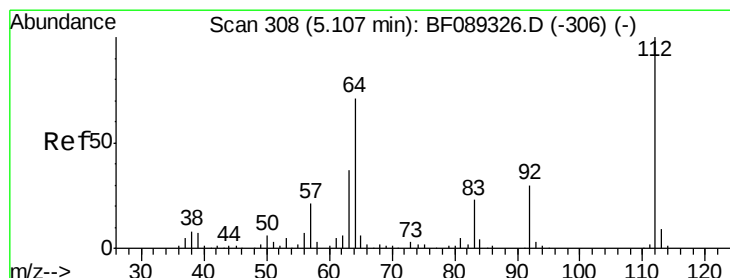
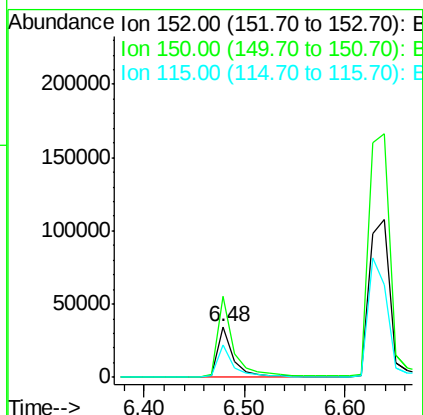
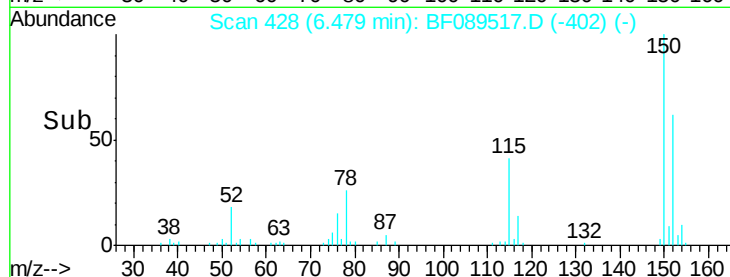
115 65.2 51.4 77.2



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: 141.76 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

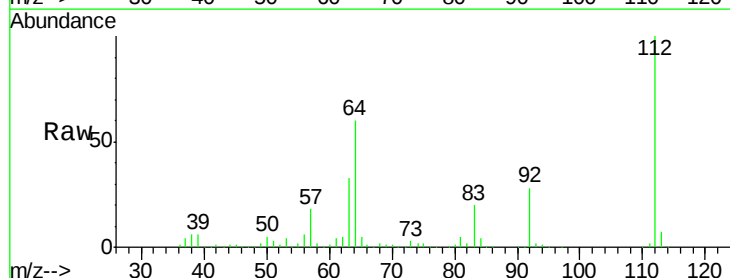
Tgt Ion:112 Resp: 357271

Ion Ratio Lower Upper

112 100

64 60.4 55.0 82.6

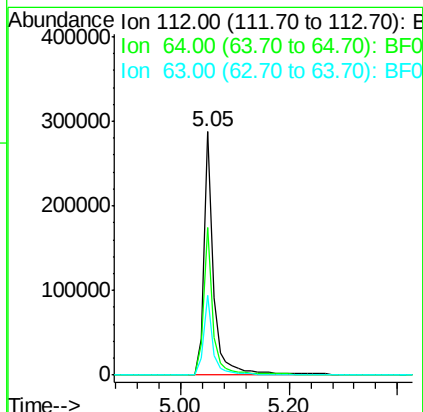
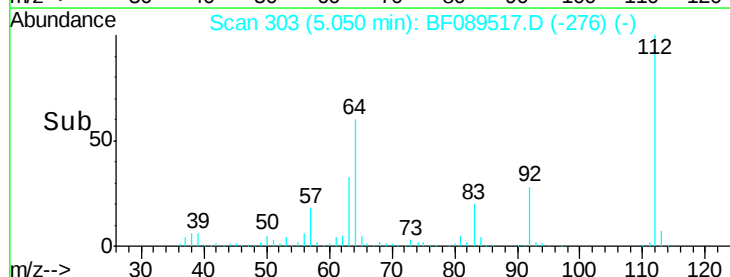
63 32.6 29.4 44.2

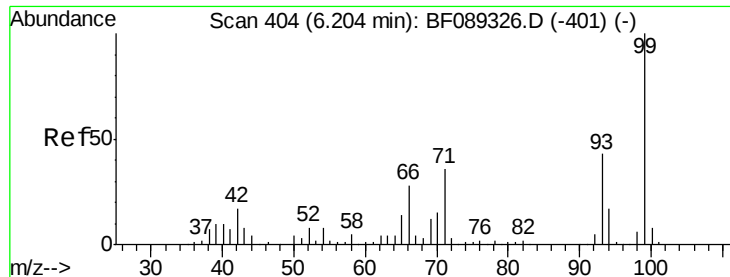


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.70 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

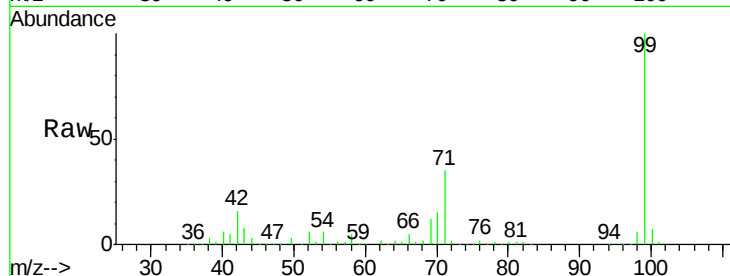
Tot Ion: 99 Resp: 518548

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

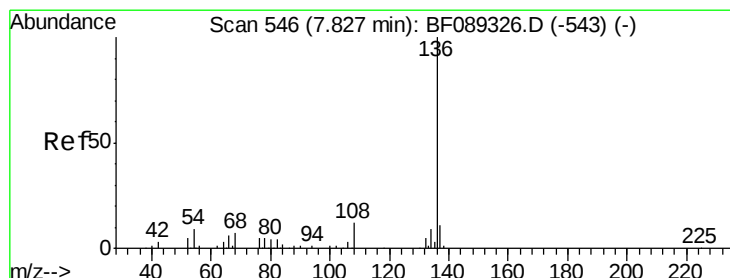
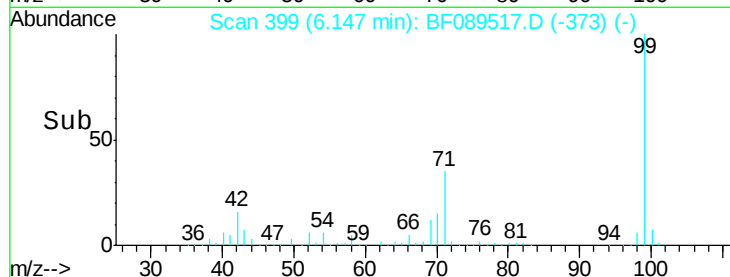
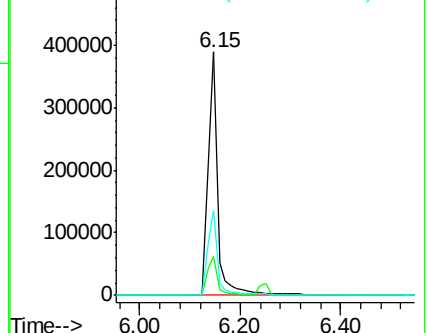
71 35.1 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Tgt Ion: 136 Resp: 162530

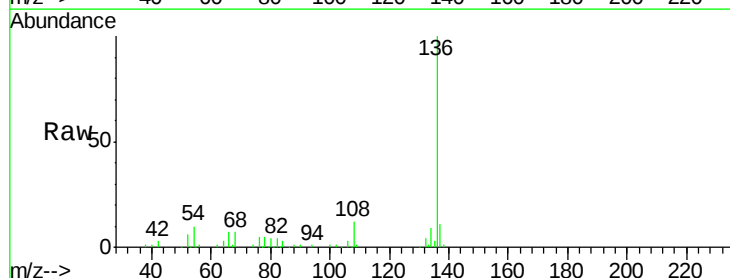
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.8 7.0 10.4

68 7.2 4.9 7.3

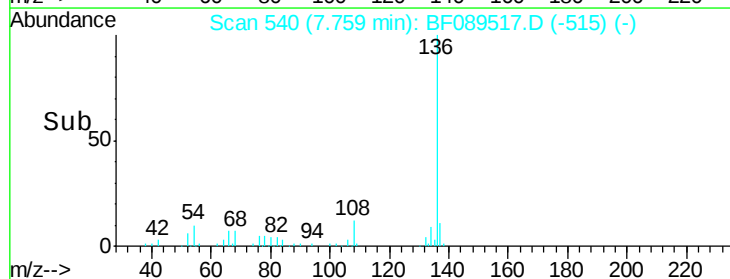
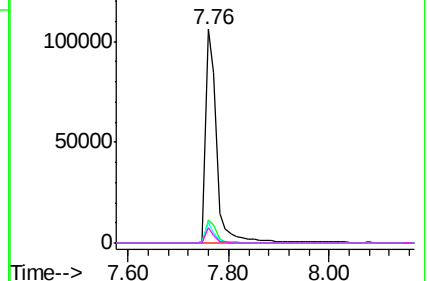


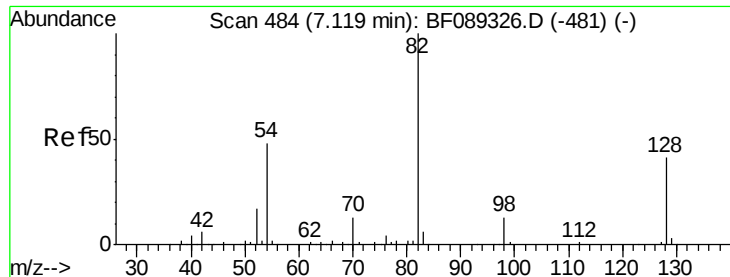
Abundance Ion 136.00 (135.70 to 136.70): E

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

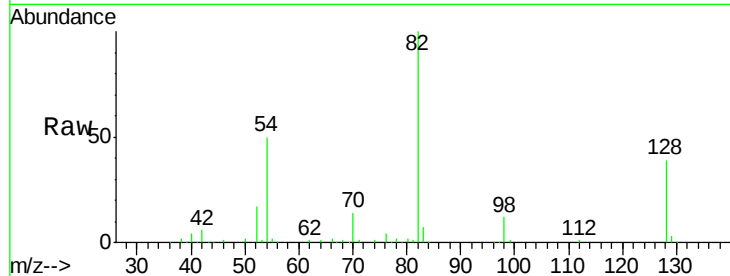




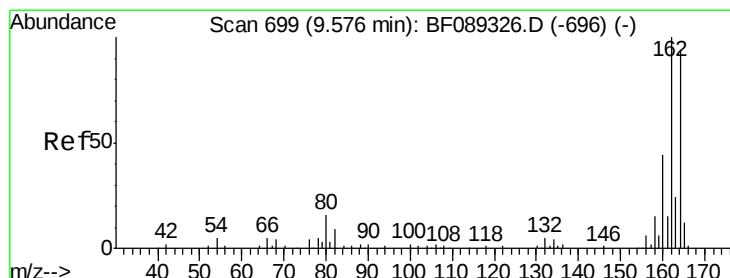
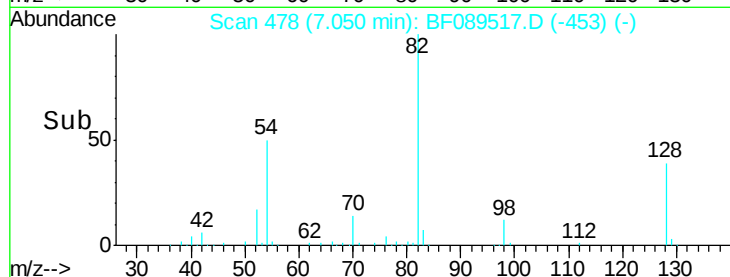
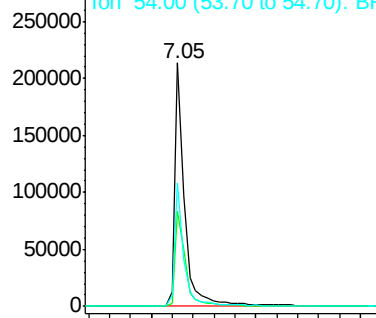
#23
 Nitrobenzene-d5
 Concen: 103.01 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)T

Tot Ion	82	Resp	283629
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.5	48.7
54	50.4	38.8	58.2

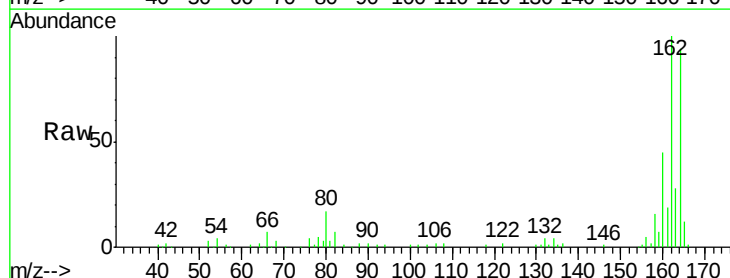


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

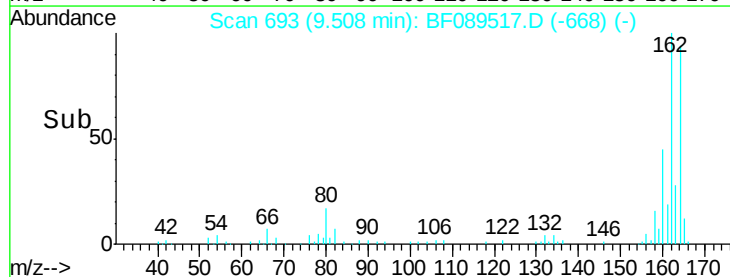
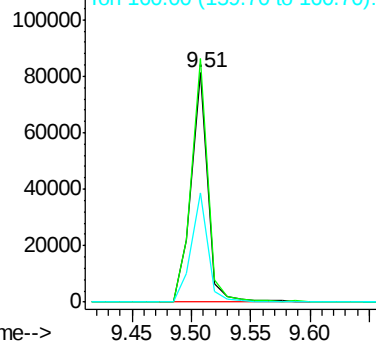


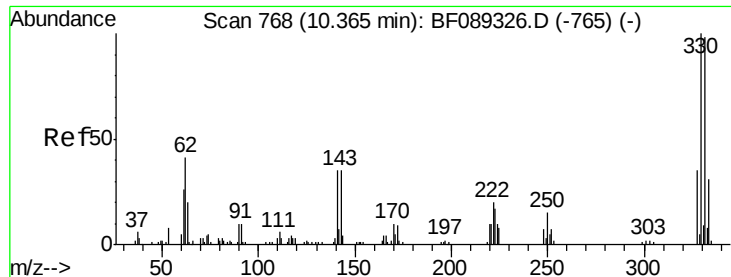
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

Tgt Ion	164	Resp	77967
Ion Ratio	Lower	Upper	
164	100		
162	106.3	83.7	125.5
160	47.6	37.8	56.6



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

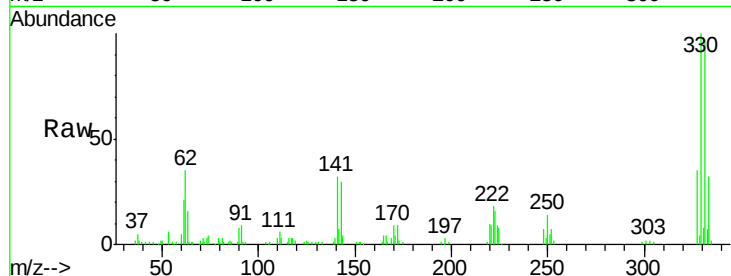




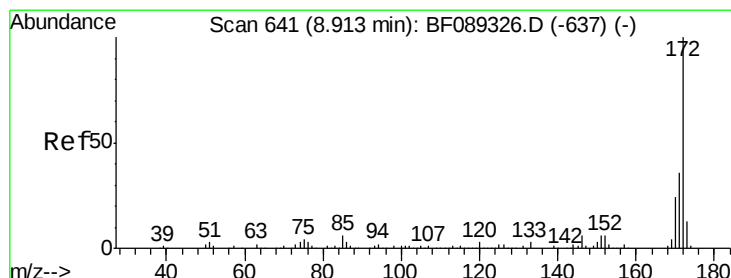
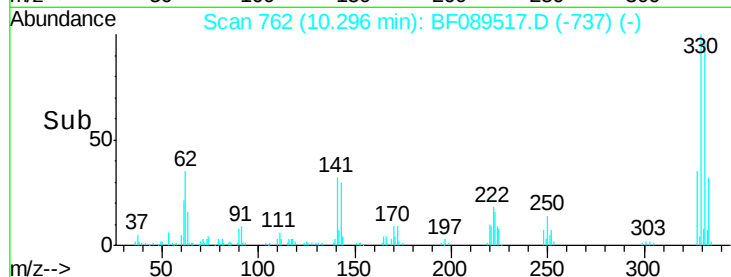
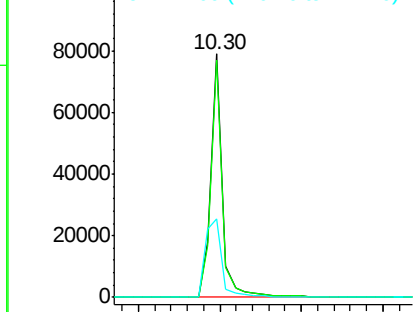
#41
 2,4,6-Tribromophenol
 Concen: 124.26 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)T

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	46.0	37.3	55.9

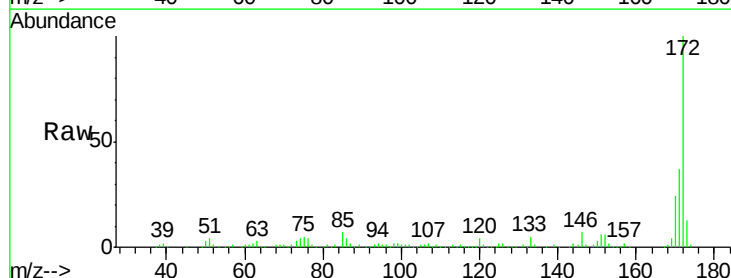


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

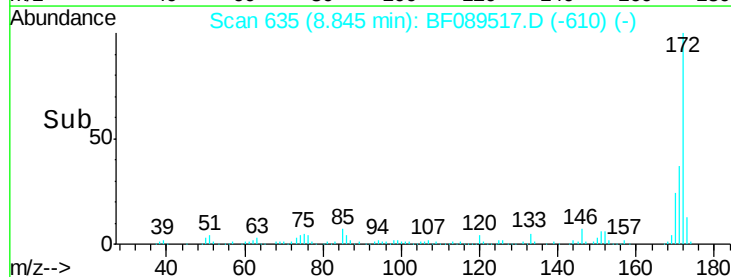
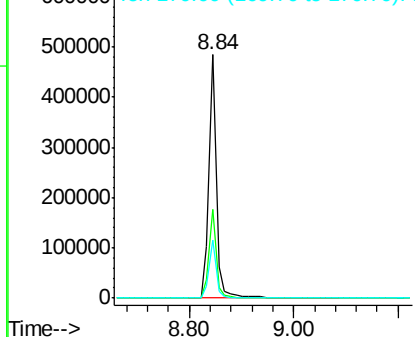


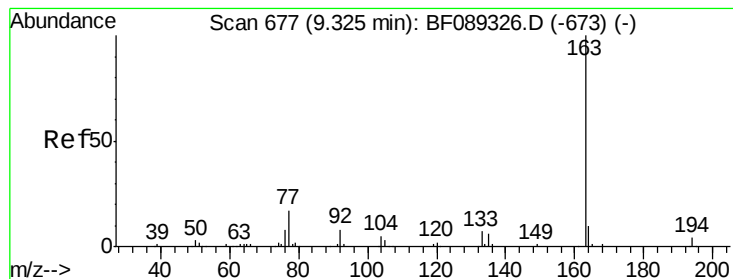
#44
 2-Fluorobiphenyl
 Concen: 90.91 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089517.D
 Acq: 1 Aug 2016 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	23.8	19.2	28.8



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: 19.79 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

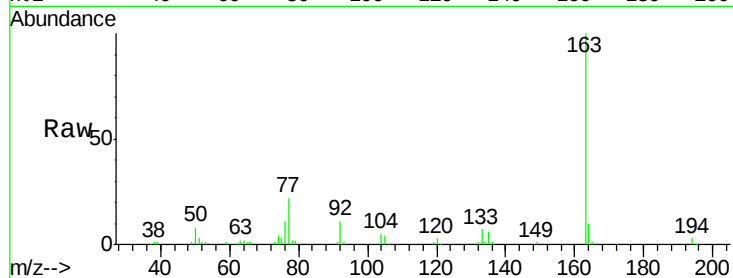
Tot Ion:163 Resp: 117434

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

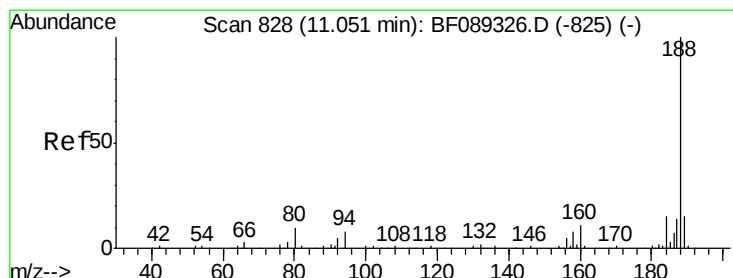
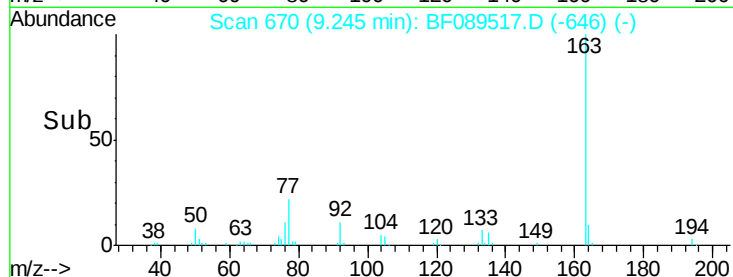
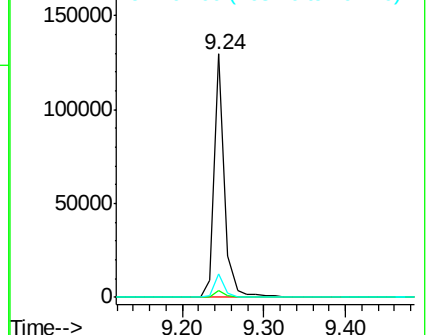
164 9.8 7.8 11.8



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: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

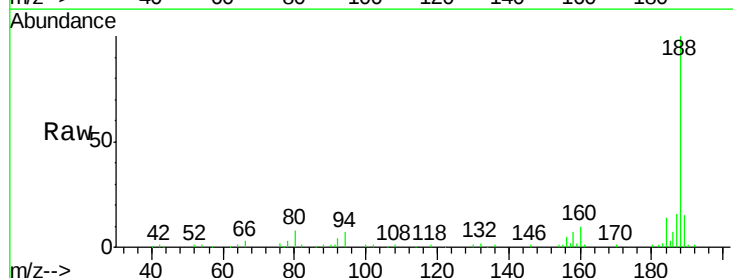
Tgt Ion:188 Resp: 140709

Ion Ratio Lower Upper

188 100

94 6.9 6.5 9.7

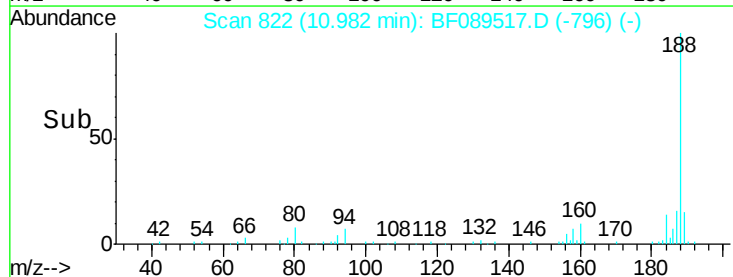
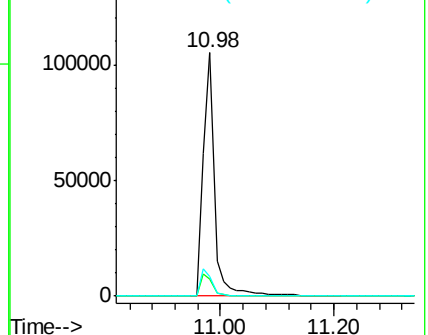
80 8.0 7.2 10.8



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: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

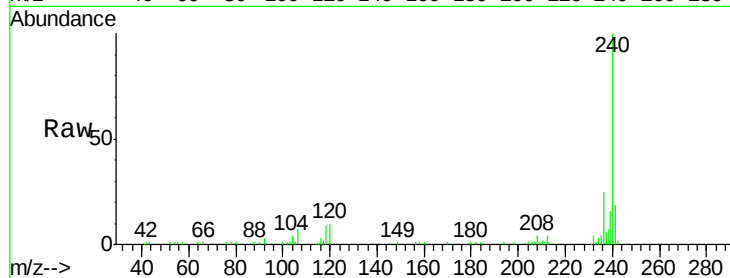
Tot Ion:240 Resp: 82038

Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

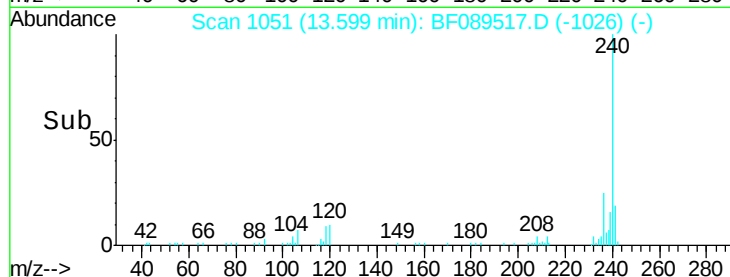
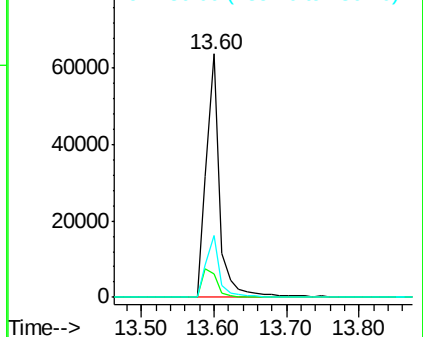
236 25.2 20.6 30.8



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: 91.92 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

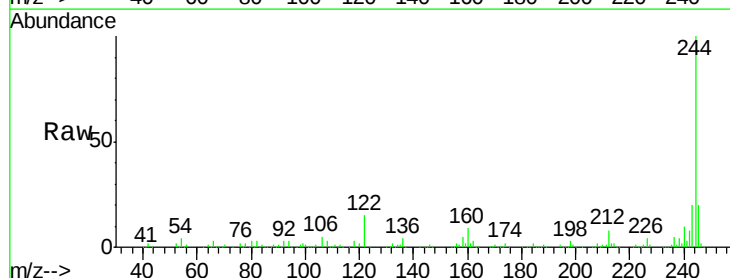
Tgt Ion:244 Resp: 322202

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

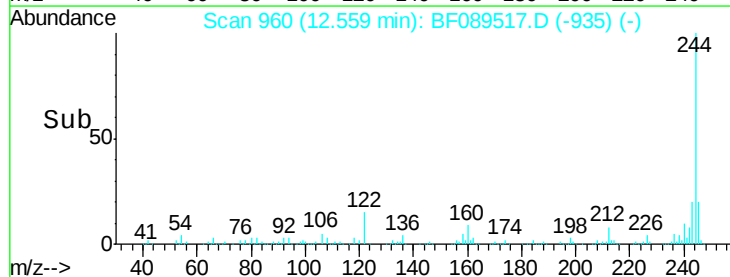
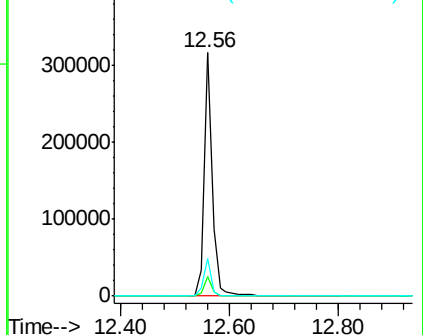
122 15.2 11.4 17.0

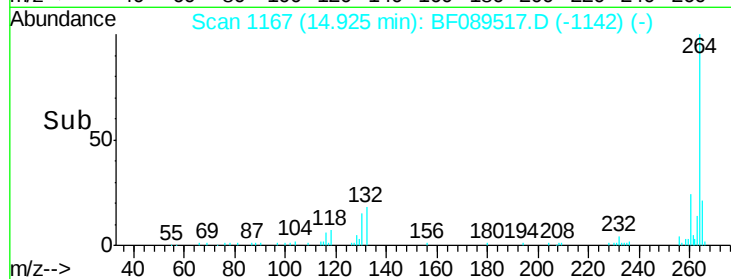
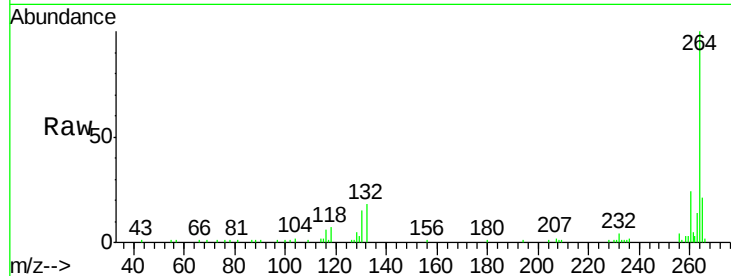
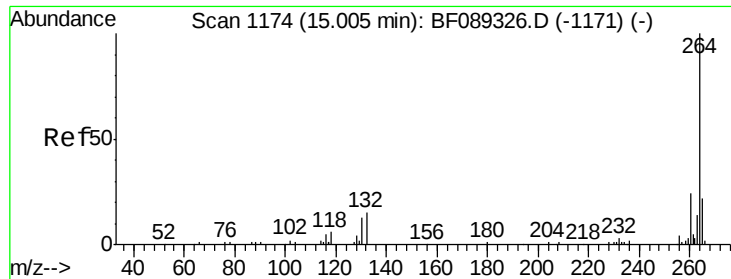


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF089517.D

Acq: 1 Aug 2016 18:26

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)T

Tot Ion:264 Resp: 70058

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.2 17.5 26.3

