

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089525.D
 Acq On : 1 Aug 2016 22:26
 Operator : UM/SJ
 Sample : H4269-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Quant Time: Aug 02 03:32:43 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

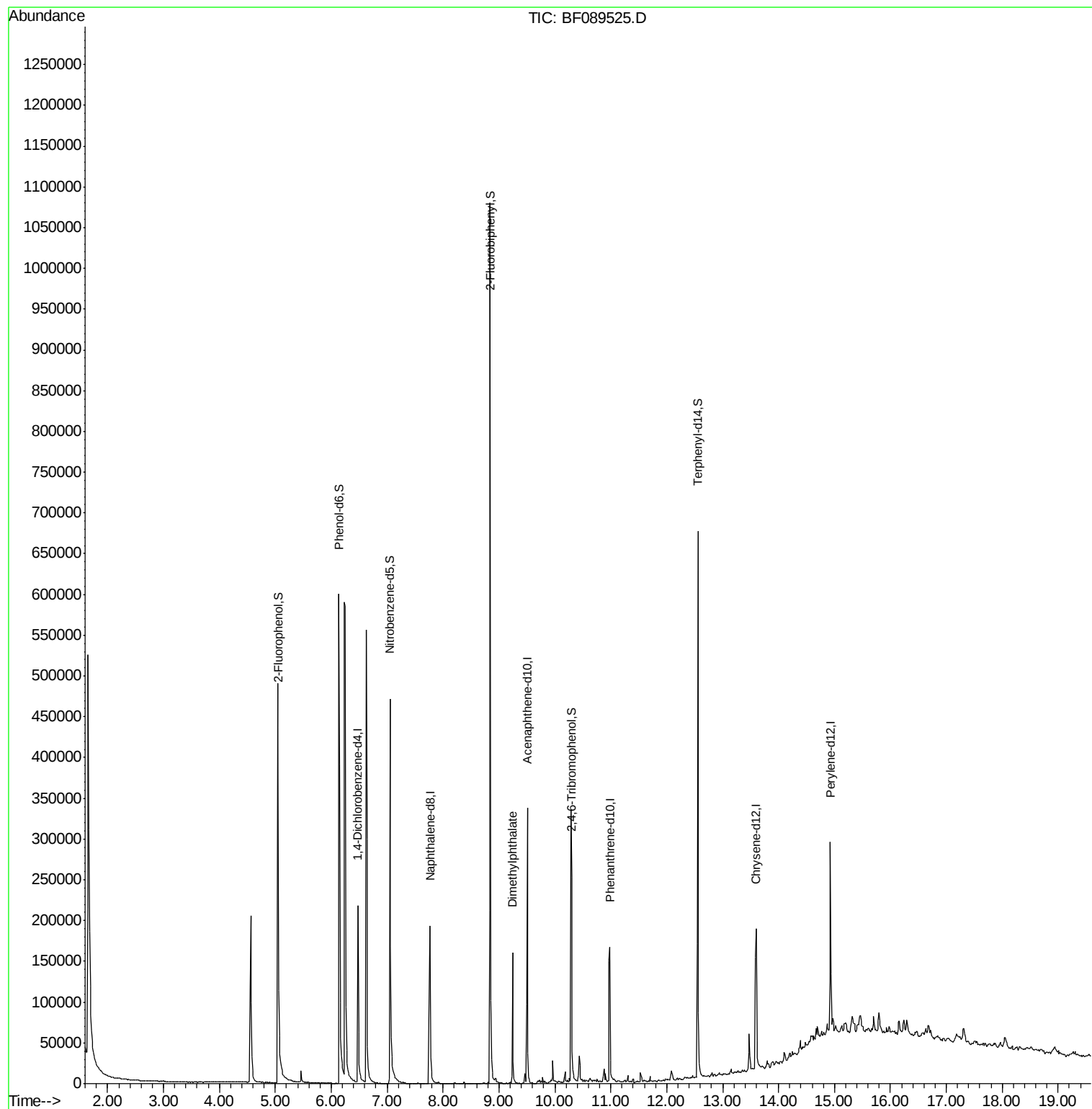
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	42899	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	163677	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	70673	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	106559	20.00	ng	0.00
75) Chrysene-d12	13.60	240	88060	20.00	ng	-0.01
86) Perylene-d12	14.93	264	95179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	256531	95.48	ng	0.01
7) Phenol-d6	6.14	99	334906	94.32	ng	-0.01
23) Nitrobenzene-d5	7.05	82	211146	76.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	46466	79.38	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	351425	72.98	ng	-0.01
78) Terphenyl-d14	12.56	244	216138	57.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	64187	11.93	ng	99

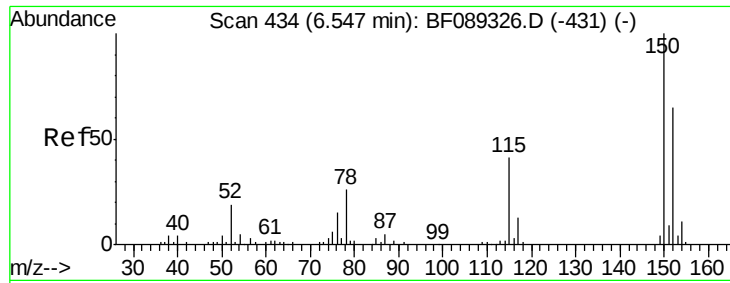
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

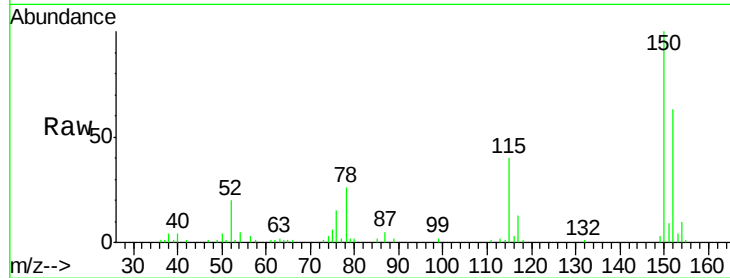
Tot Ion:152 Resp: 42899

Ion Ratio Lower Upper

152 100

150 157.8 129.5 194.3

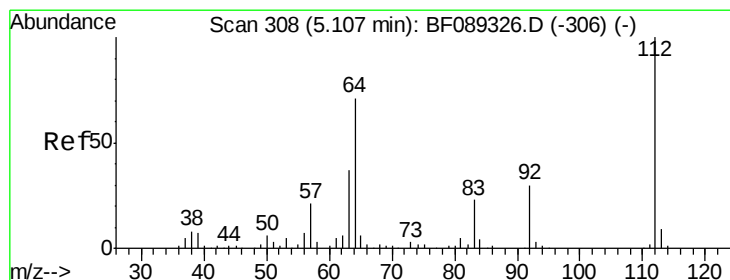
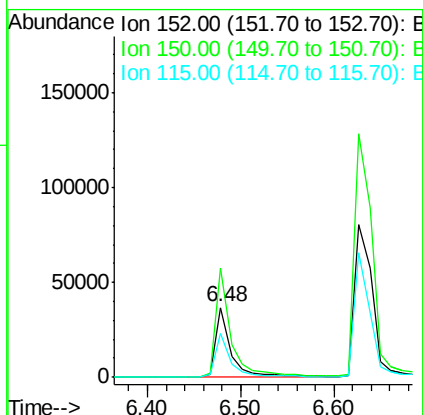
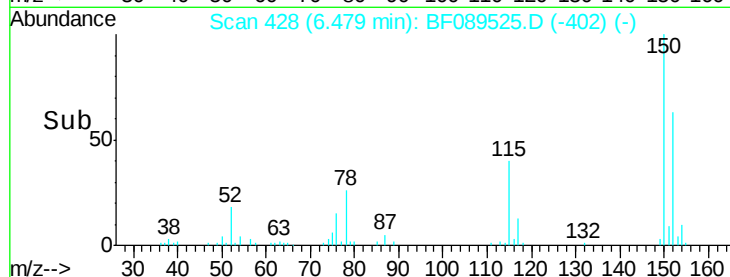
115 63.6 51.4 77.2



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: 95.48 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

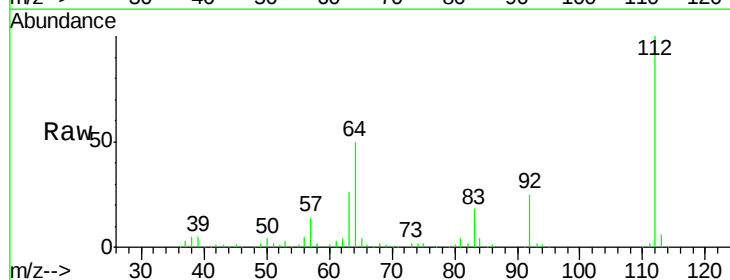
Tgt Ion:112 Resp: 256531

Ion Ratio Lower Upper

112 100

64 49.9 55.0 82.6#

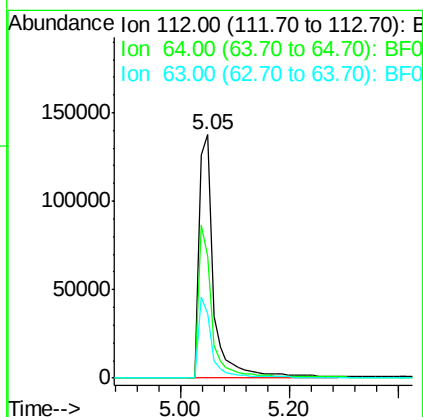
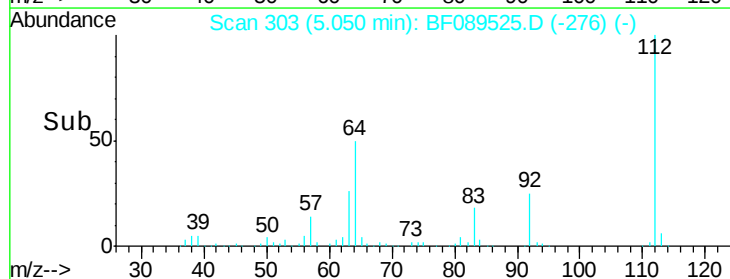
63 26.4 29.4 44.2#

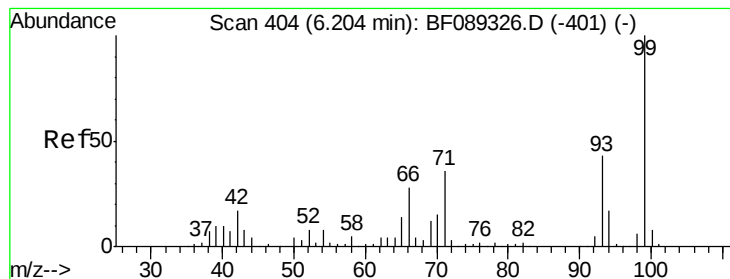


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.32 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

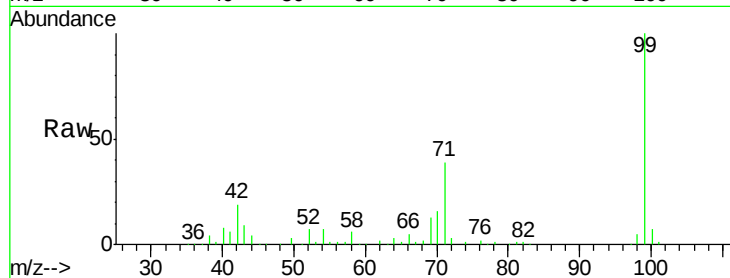
Tot Ion: 99 Resp: 334906

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

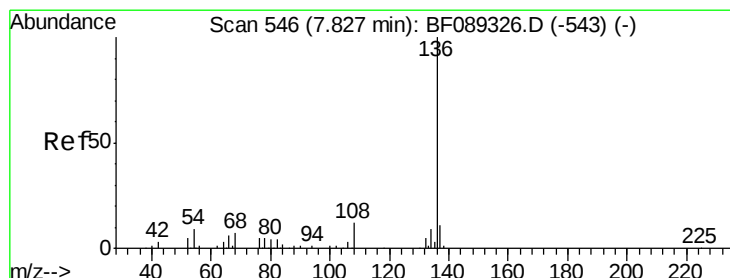
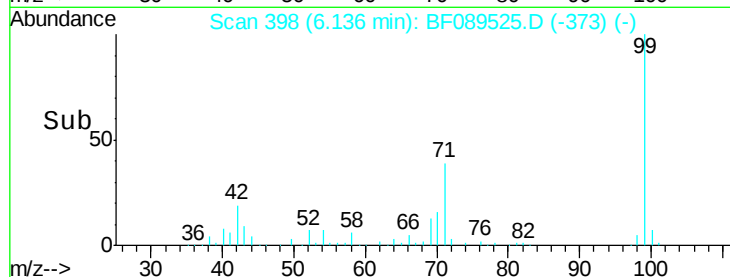
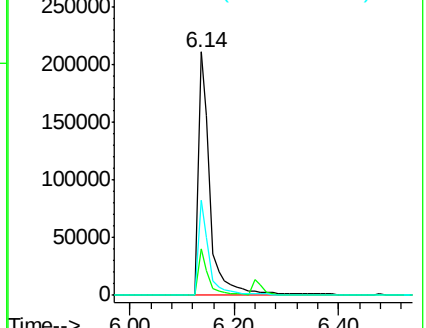
71 39.0 29.4 44.2



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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Tgt Ion: 136 Resp: 163677

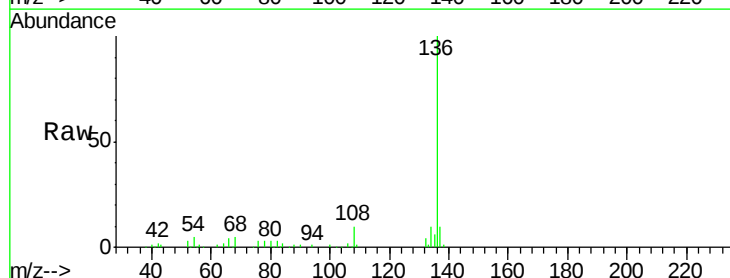
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 5.4 7.0 10.4#

68 4.6 4.9 7.3#

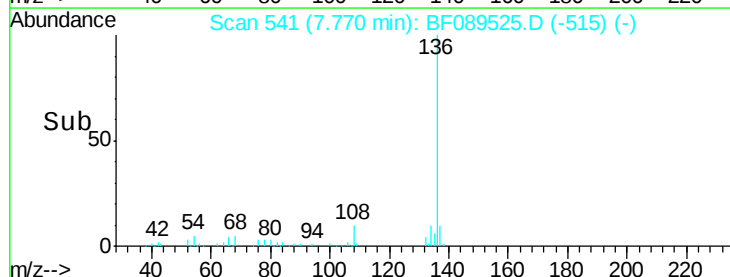
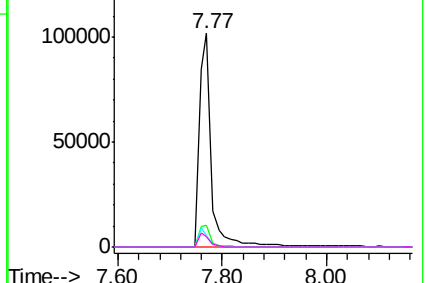


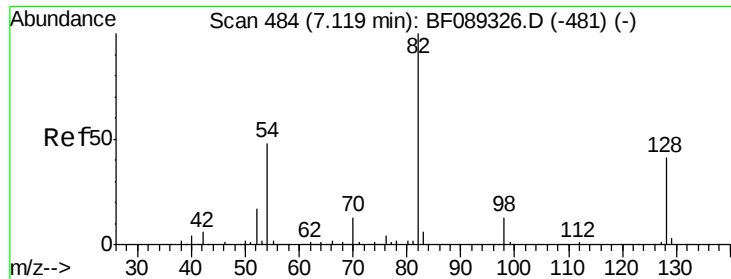
Abundance Ion 136.00 (135.70 to 136.70): E

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

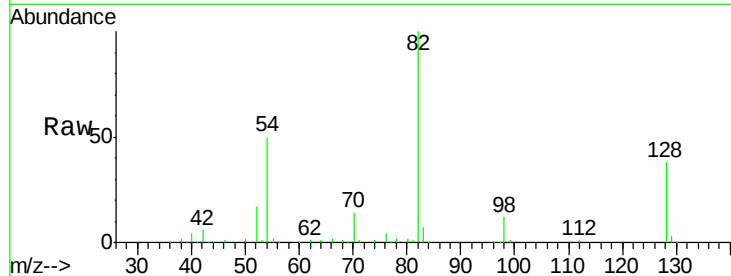




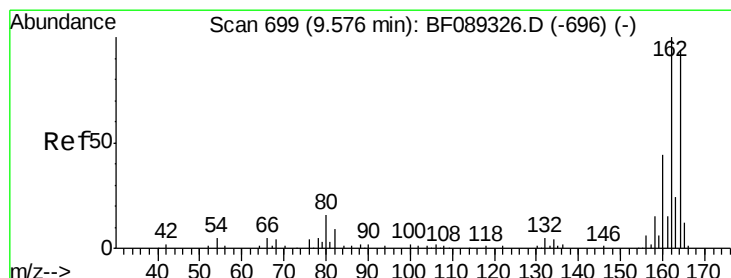
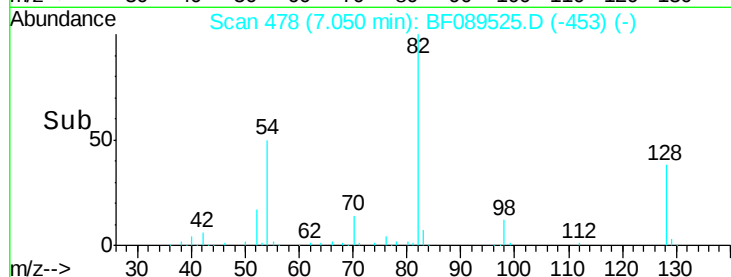
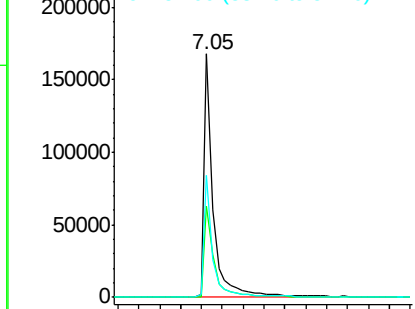
#23
 Nitrobenzene-d5
 Concen: 76.14 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Tot Ion: 82 Resp: 211146
 Ion Ratio Lower Upper
 82 100
 128 37.6 32.5 48.7
 54 50.0 38.8 58.2

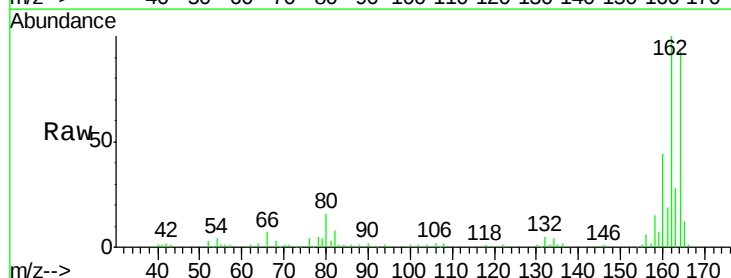


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

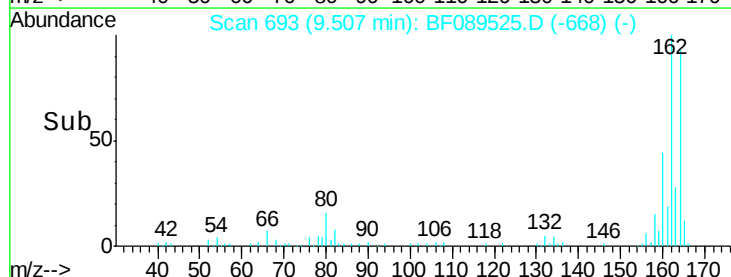
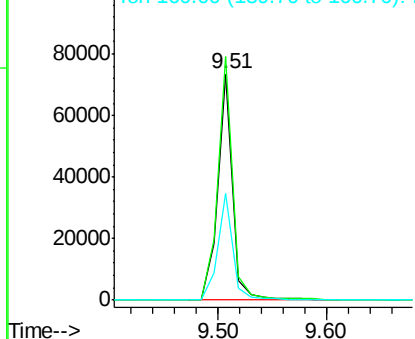


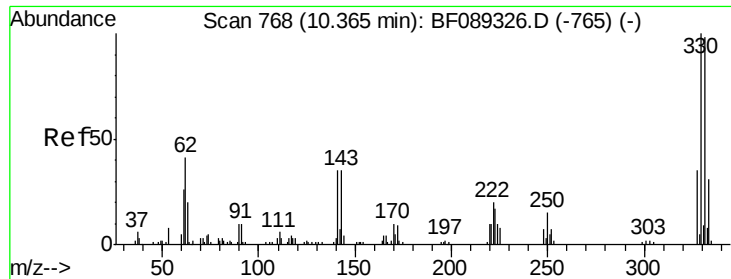
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Tgt Ion: 164 Resp: 70673
 Ion Ratio Lower Upper
 164 100
 162 107.6 83.7 125.5
 160 46.9 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

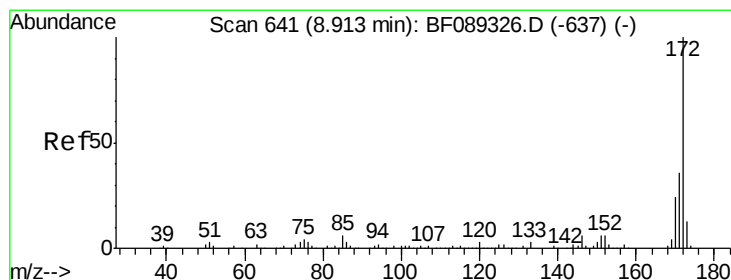
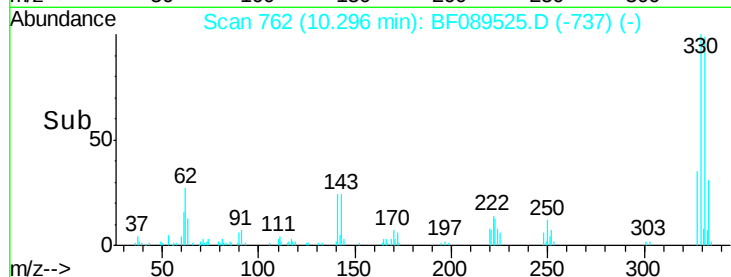
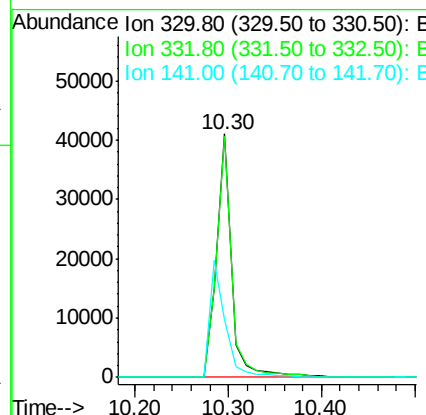
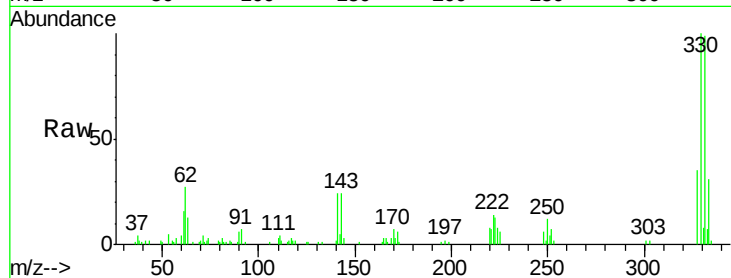




#41
 2,4,6-Tribromophenol
 Concen: 79.38 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

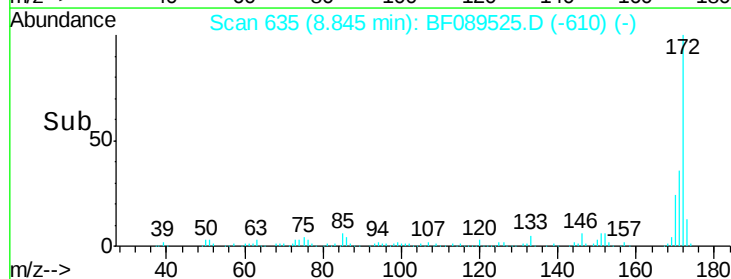
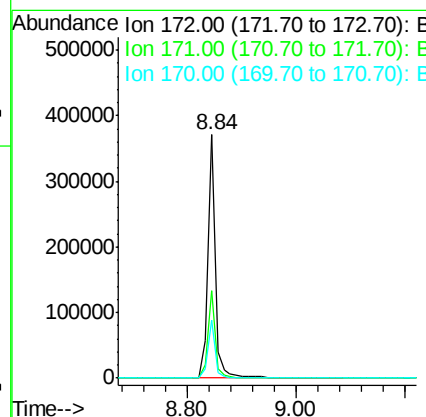
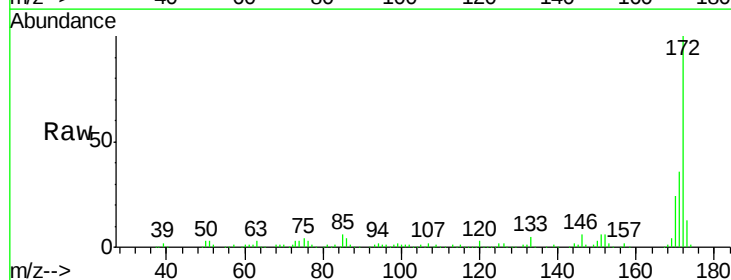
Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

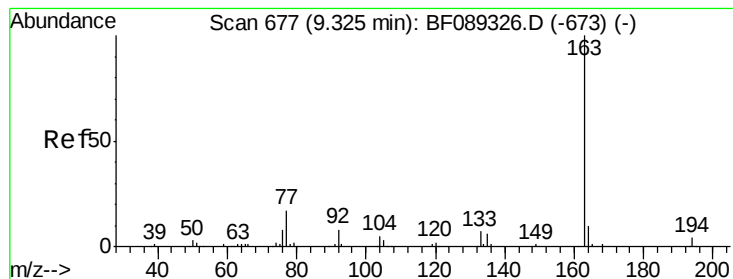
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	50.3	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 72.98 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.0	19.2	28.8





#49

Dimethylphthalate

Concen: 11.93 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

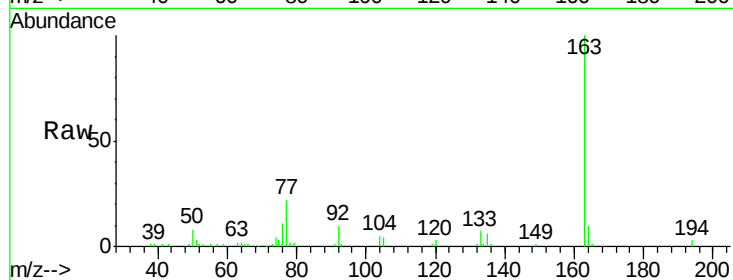
Tot Ion:163 Resp: 64187

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

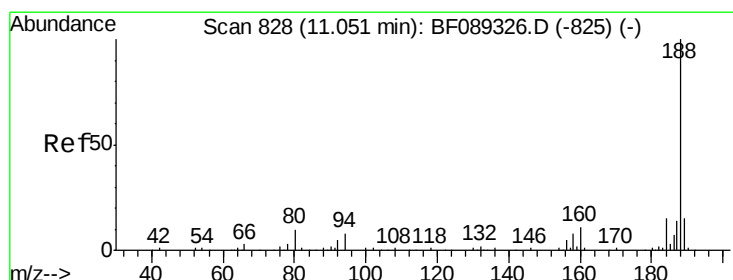
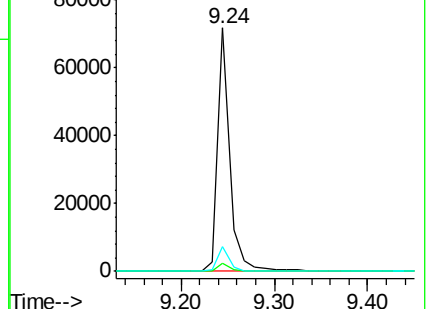
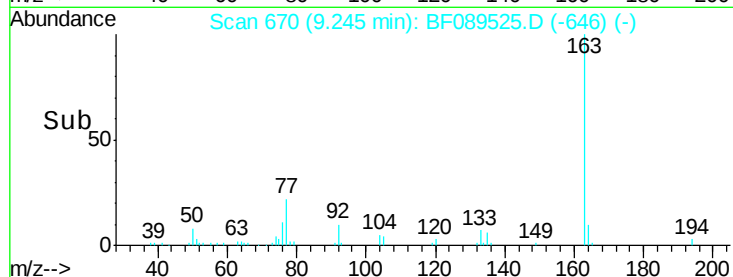
164 10.1 7.8 11.8



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: BF089525.D

Acq: 1 Aug 2016 22:26

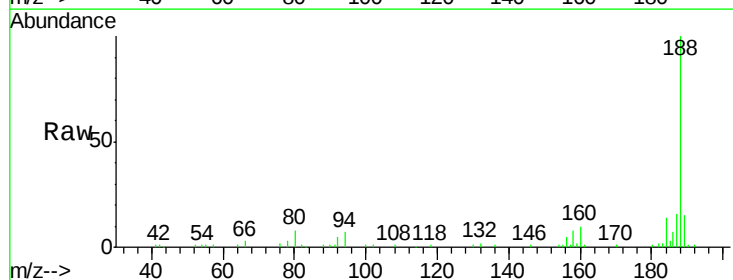
Tgt Ion:188 Resp: 106559

Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

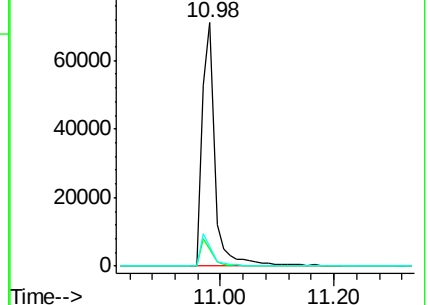
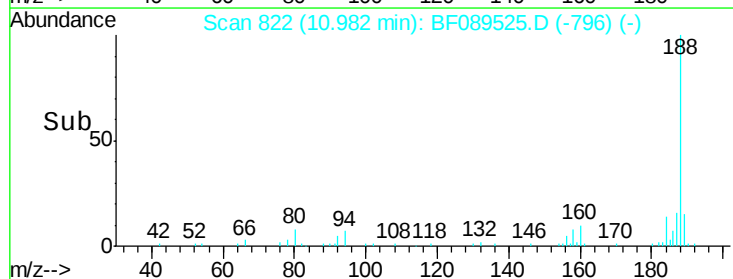
80 8.0 7.2 10.8

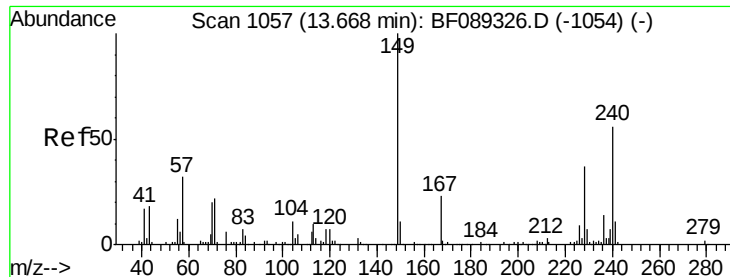


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

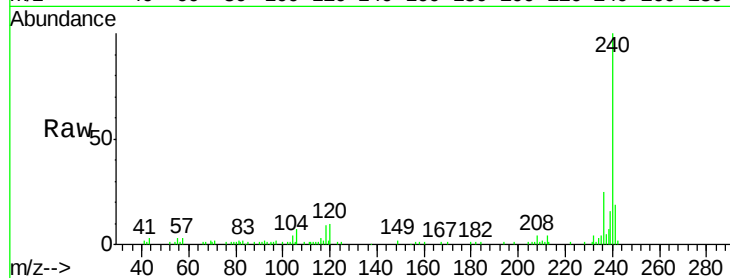
Tot Ion:240 Resp: 88060

Ion Ratio Lower Upper

240 100

120 9.8 9.1 13.7

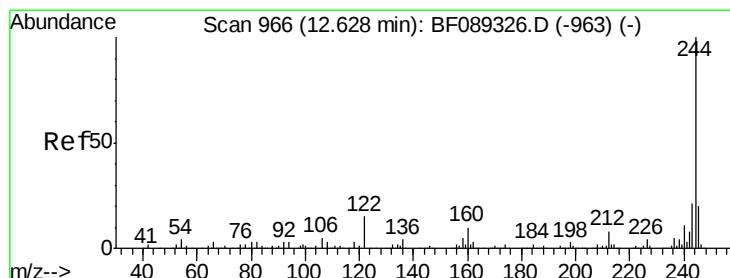
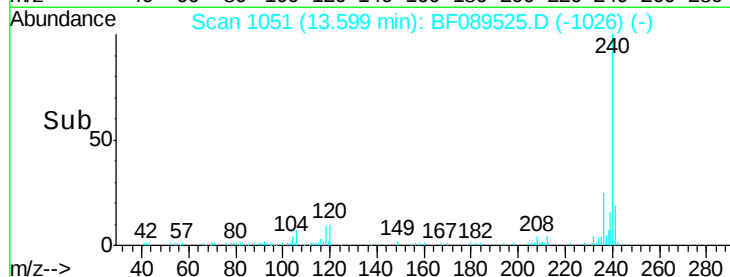
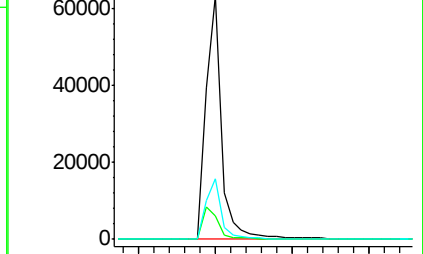
236 24.9 20.6 30.8



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: 57.45 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

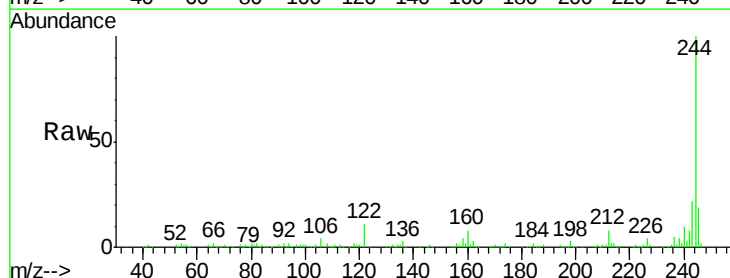
Tgt Ion:244 Resp: 216138

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

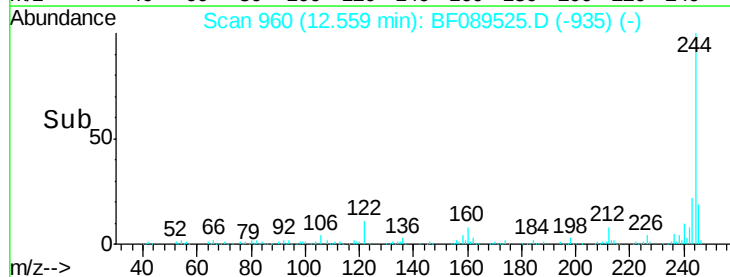
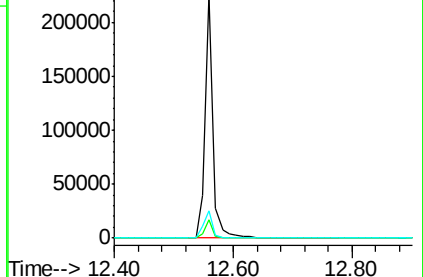
122 11.3 11.4 17.0#

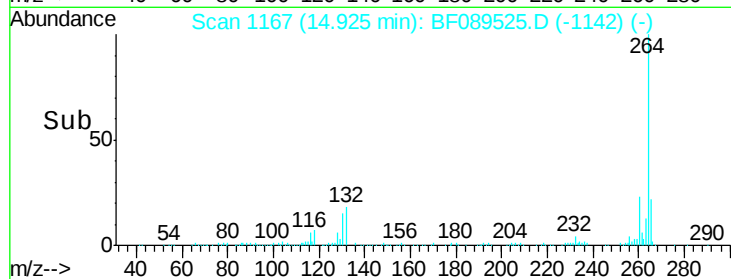
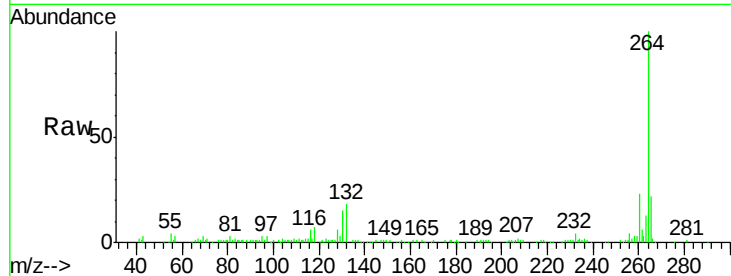
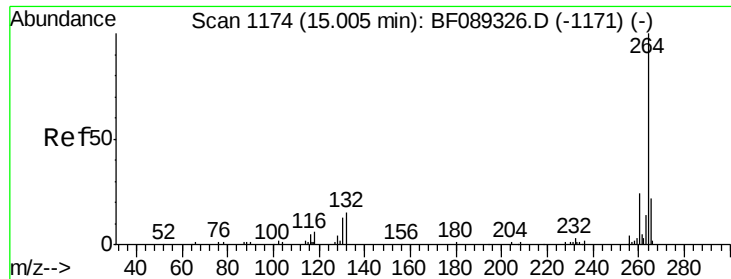


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089525.D
 Acq: 1 Aug 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.7	17.5	26.3

