

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089654.D
 Acq On : 6 Aug 2016 6:59
 Operator : UM/SJ
 Sample : H4351-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A

Quant Time: Aug 08 00:51:43 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

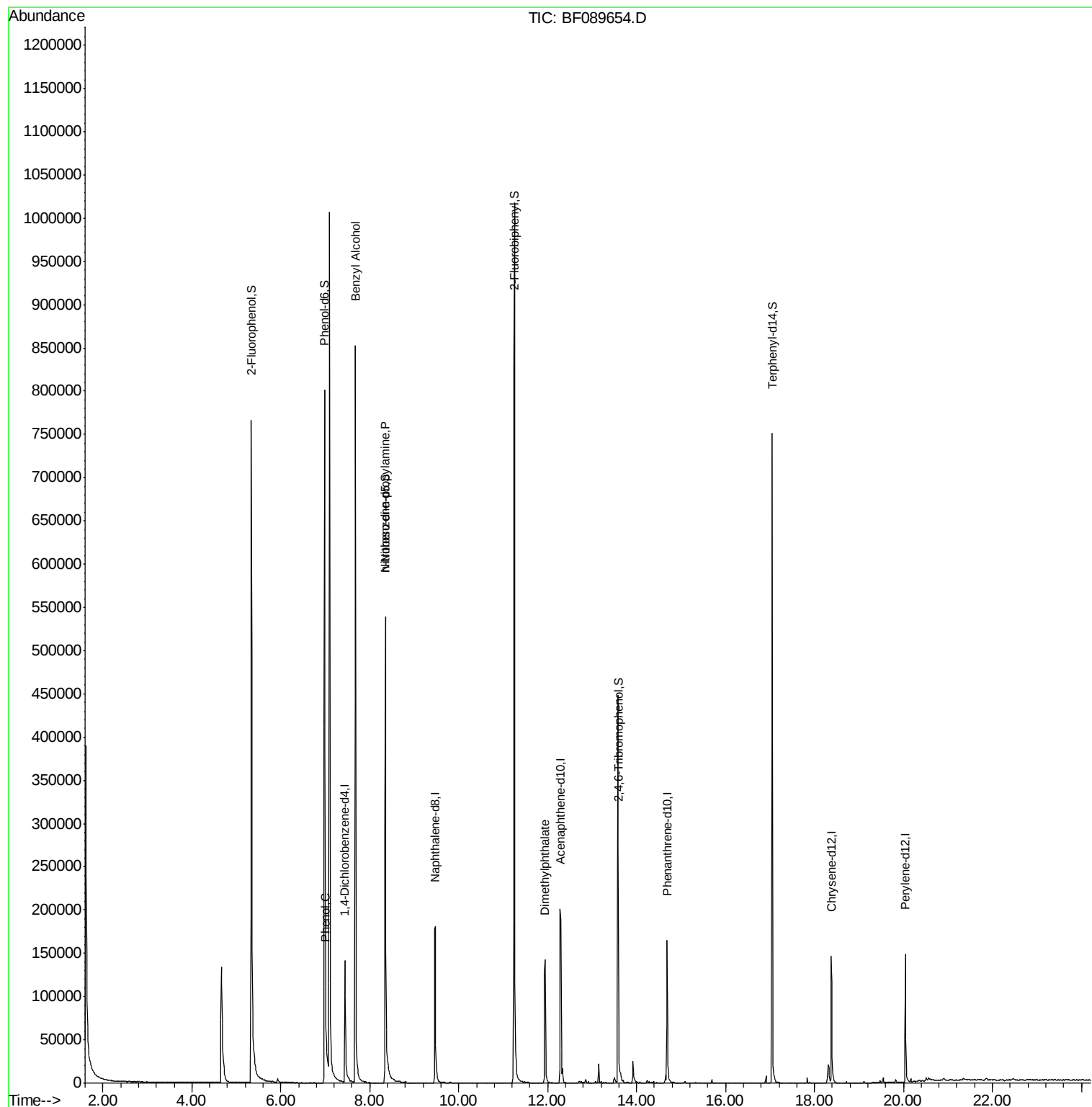
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	43808	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	169860	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	70609	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	105108	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	87321	20.00	ng	-0.01
86) Perylene-d12	20.05	264	75059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	389360	148.97	ng	0.02
7) Phenol-d6	6.98	99	507849	143.23	ng	0.00
23) Nitrobenzene-d5	8.35	82	314584	102.44	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	71670	123.00	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	552608	101.71	ng	0.00
78) Terphenyl-d14	17.05	244	307343	69.48	ng	0.00
Target Compounds						
10) Phenol	7.00	94	7885	2.17	ng	# 47
15) Benzyl Alcohol	7.68	79	5309	2.28	ng	# 48
19) n-Nitroso-di-n-propylamine	8.35	70	37803	14.76	ng	# 81
49) Dimethylphthalate	11.94	163	107083	19.35	ng	100

(#) = 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: BF089654.D

Acq: 6 Aug 2016 6:59

Instrument :

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ClientSampleId :

SB-4A

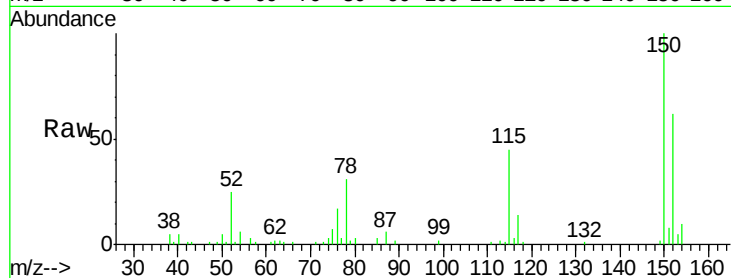
Tgt Ion:152 Resp: 43808

Ion Ratio Lower Upper

152 100

150 161.4 125.5 188.3

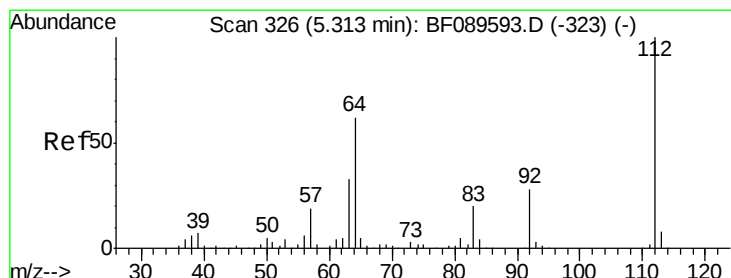
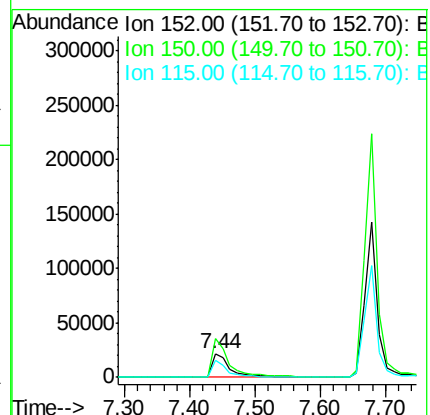
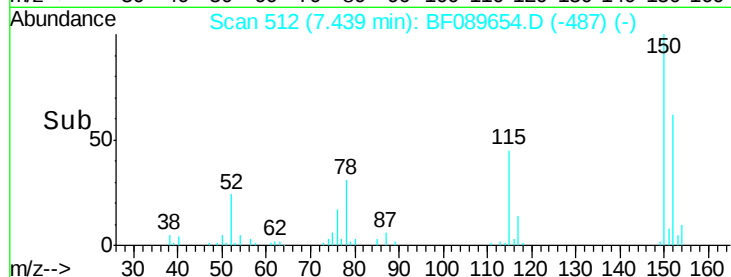
115 73.0 52.0 78.0



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: 148.97 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

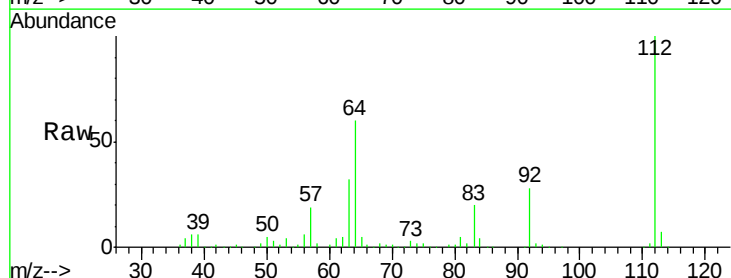
Tgt Ion:112 Resp: 389360

Ion Ratio Lower Upper

112 100

64 60.3 49.9 74.9

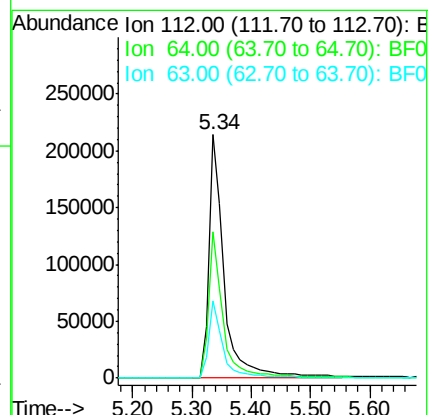
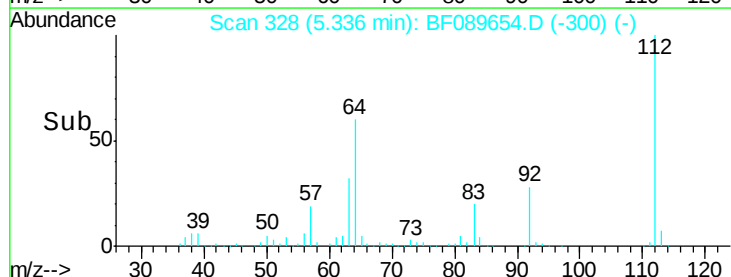
63 31.7 26.1 39.1



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: 143.23 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SB-4A

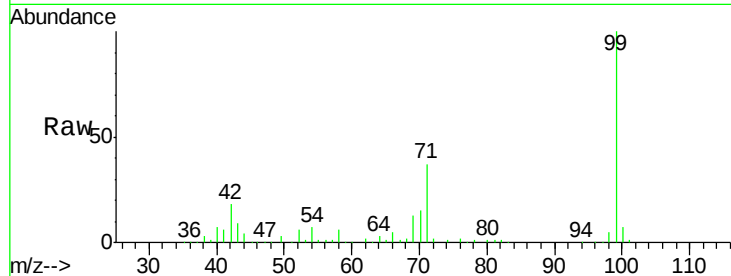
Tgt Ion: 99 Resp: 507849

Ion Ratio Lower Upper

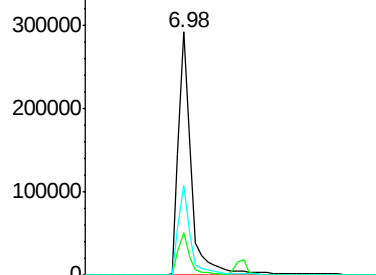
99 100

42 17.6 13.7 20.5

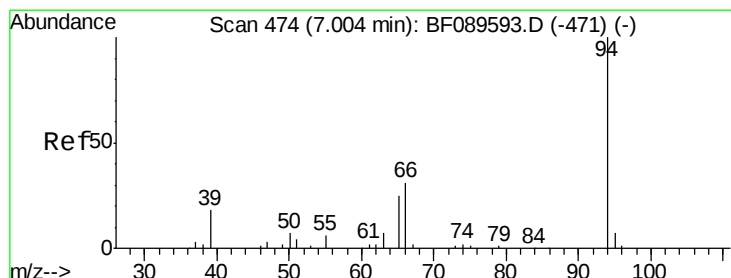
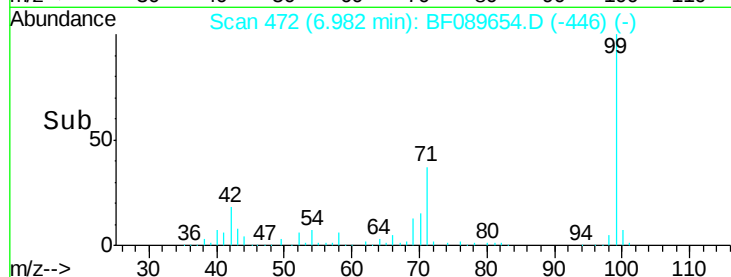
71 36.9 29.0 43.4



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



Time--> 6.80 7.00 7.20



#10

Phenol

Concen: 2.17 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

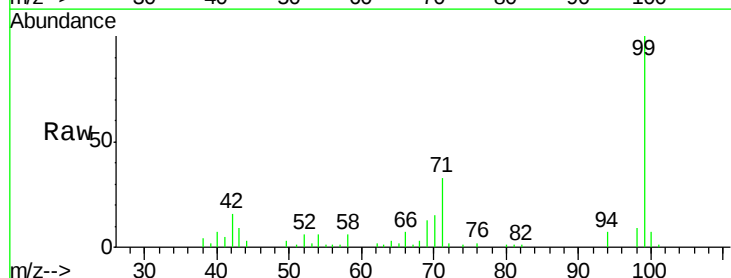
Tgt Ion: 94 Resp: 7885

Ion Ratio Lower Upper

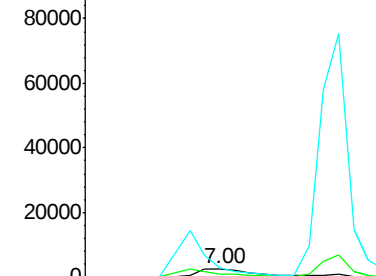
94 100

65 36.0 11.0 51.0

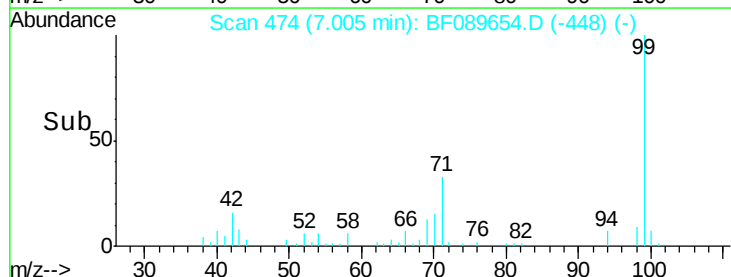
66 102.1 27.4 67.4#

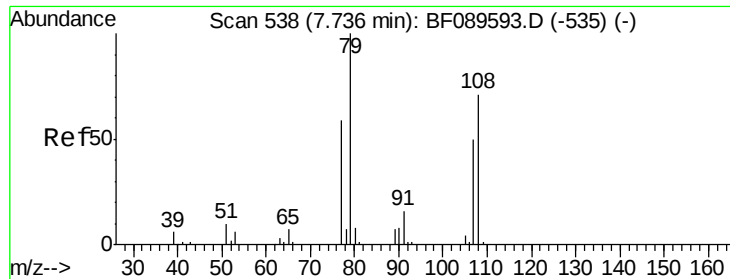


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time--> 6.95 7.00 7.05 7.10





#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SB-4A

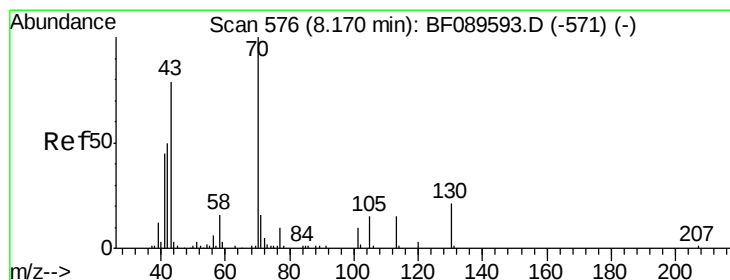
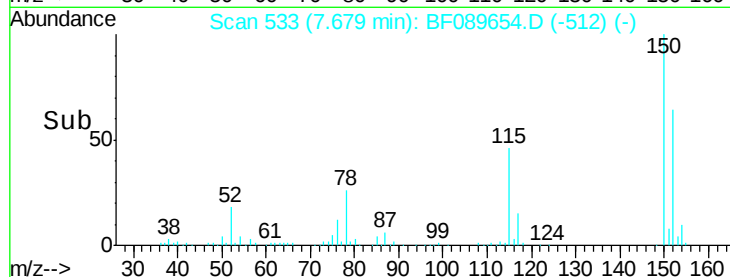
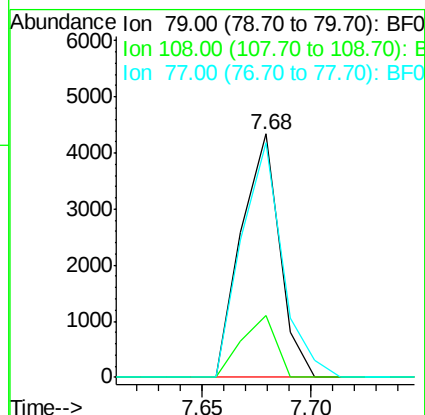
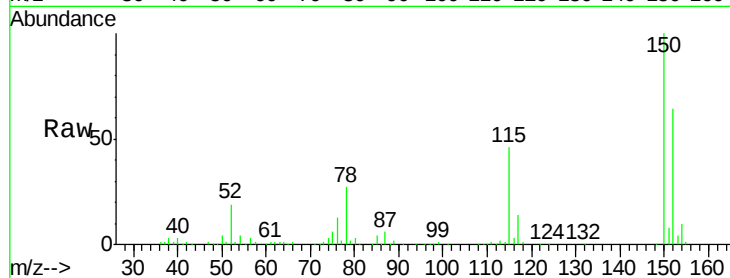
Tgt Ion: 79 Resp: 5309

Ion Ratio Lower Upper

79 100

108 25.2 58.3 87.5#

77 96.2 48.7 73.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.76 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

Tgt Ion: 70 Resp: 37803

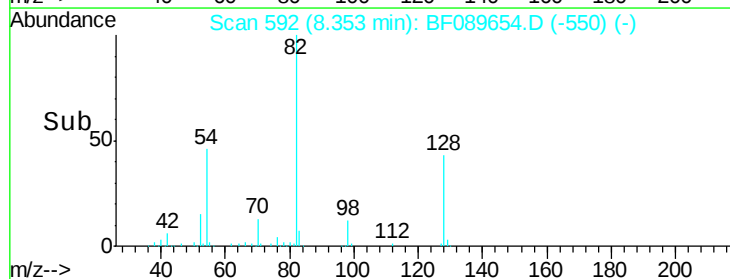
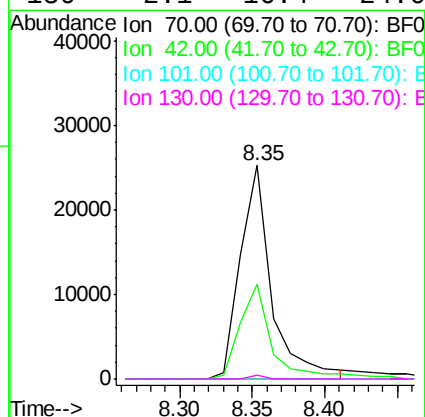
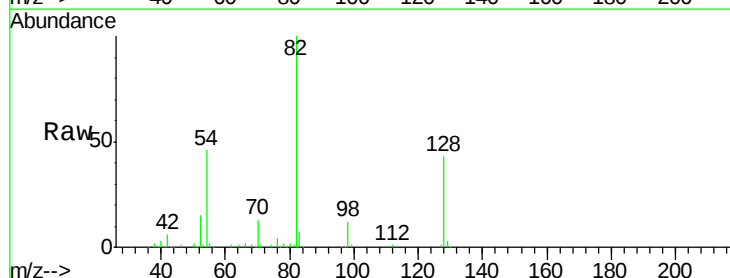
Ion Ratio Lower Upper

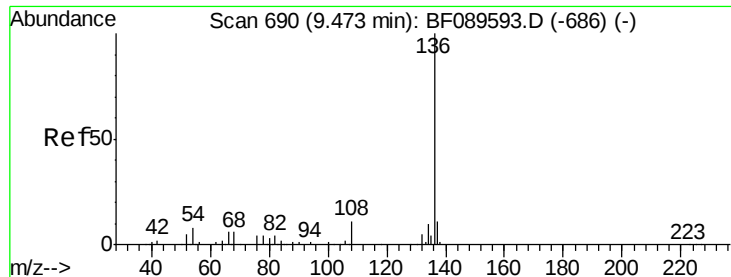
70 100

42 44.4 40.2 60.2

101 0.0 7.8 11.6#

130 2.1 16.4 24.6#

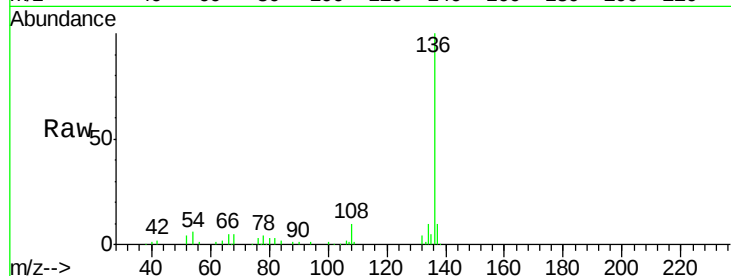




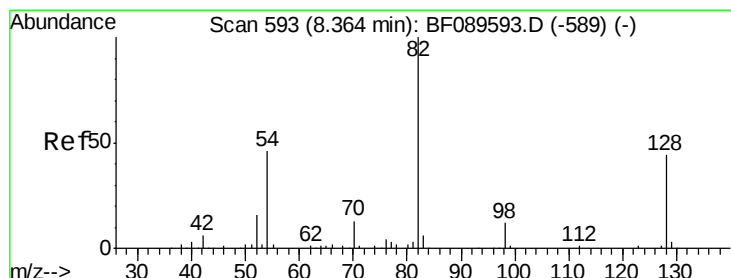
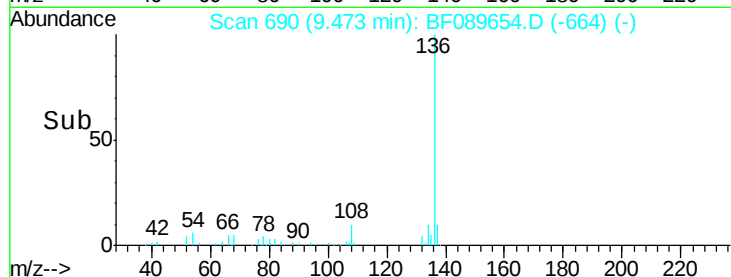
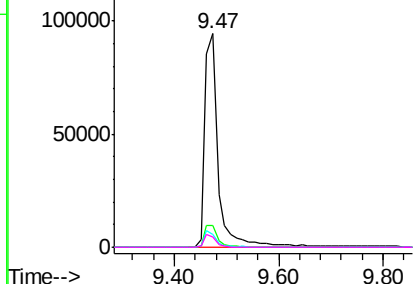
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089654.D
Acq: 6 Aug 2016 6:59

Instrument :
BNA_F
ClientSampleID :
SB-4A

Tgt Ion:	136	Resp:	169860
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.3	6.0	9.0
68	4.8	4.6	6.8

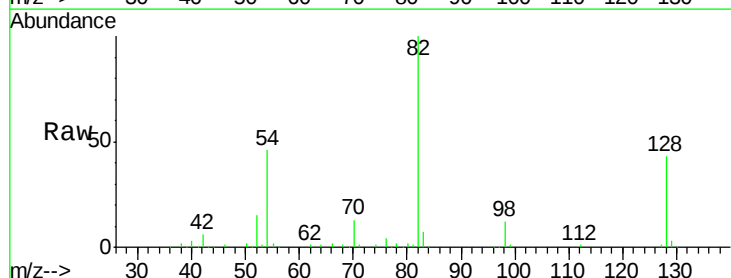


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

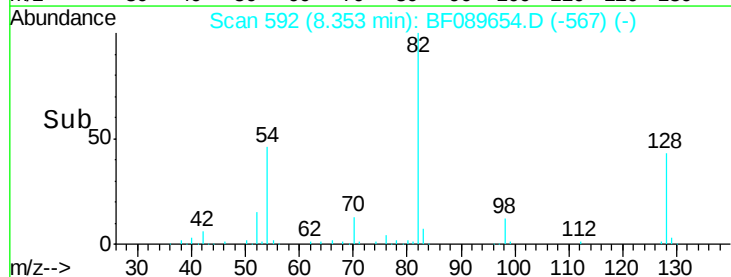
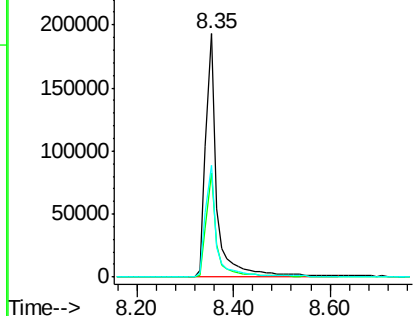


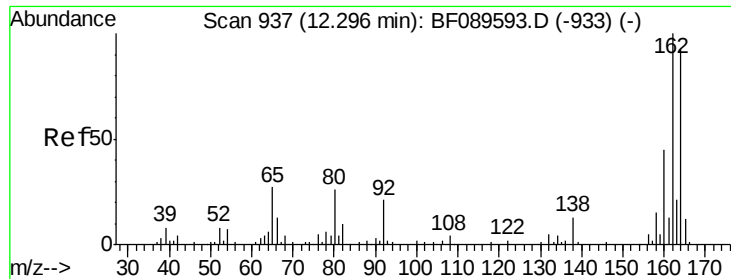
#23
Nitrobenzene-d5
Concen: 102.44 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089654.D
Acq: 6 Aug 2016 6:59

Tgt Ion:	82	Resp:	314584
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.4	53.0
54	46.1	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

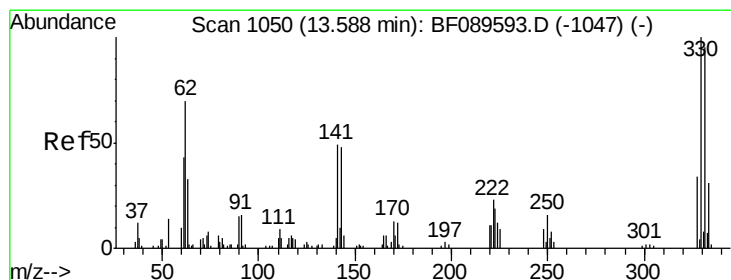
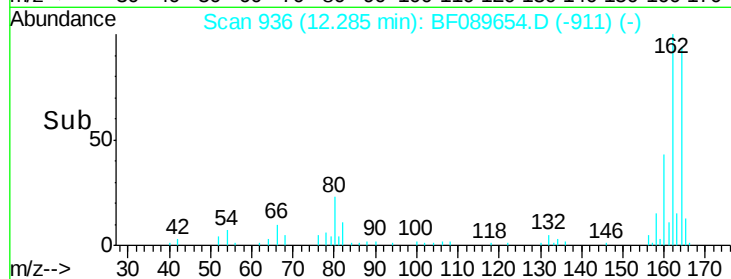
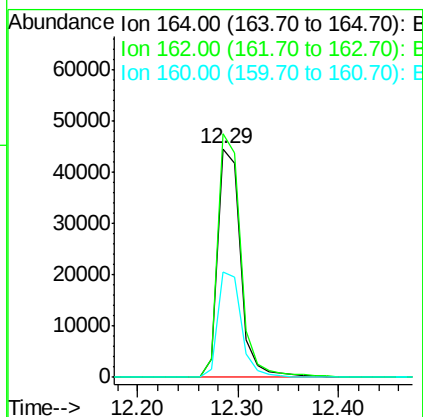
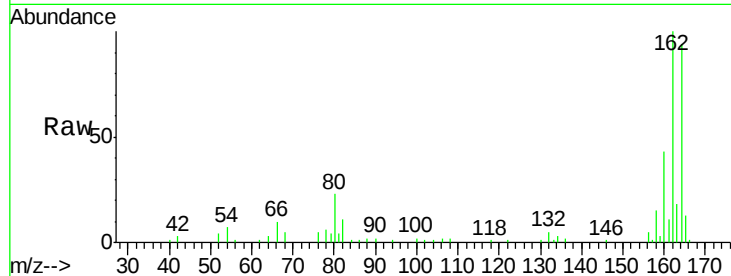




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089654.D
 Acq: 6 Aug 2016 6:59

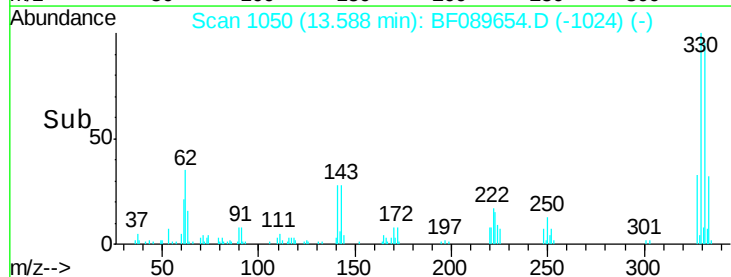
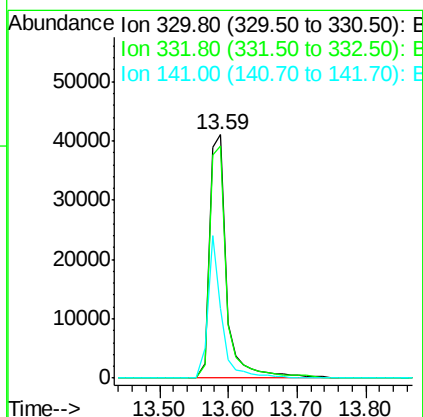
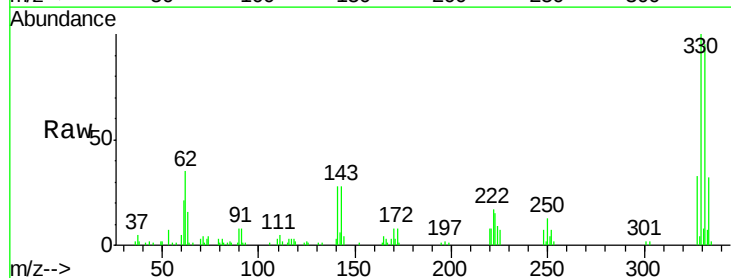
Instrument :
 BNA_F
 ClientSampleId :
 SB-4A

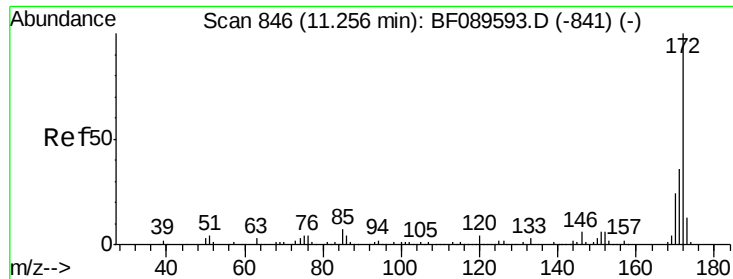
Tgt Ion:164 Resp: 70609
 Ion Ratio Lower Upper
 164 100
 162 106.6 85.7 128.5
 160 46.1 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 123.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089654.D
 Acq: 6 Aug 2016 6:59

Tgt Ion:330 Resp: 71670
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 46.6 38.6 57.8

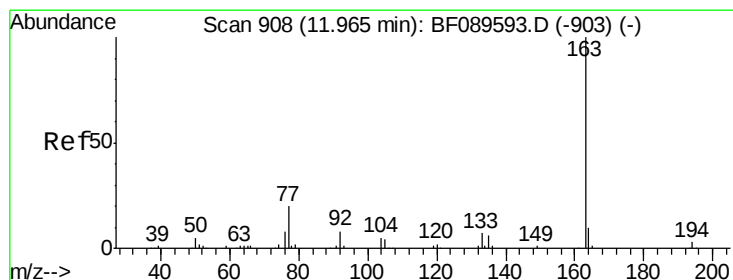
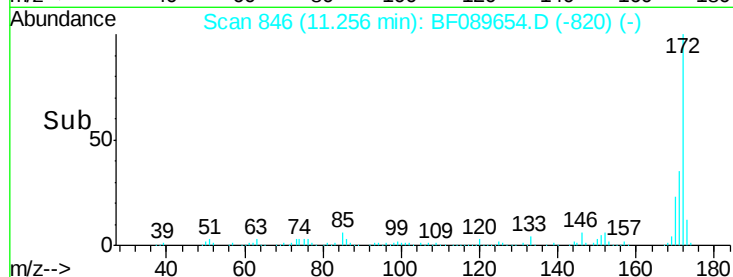
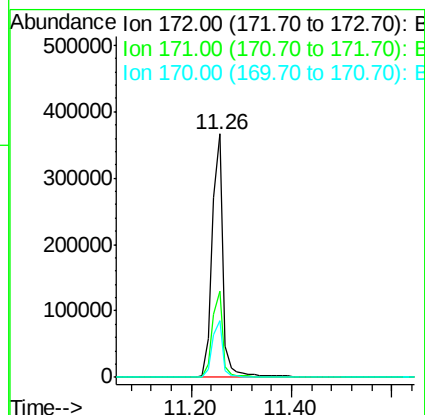
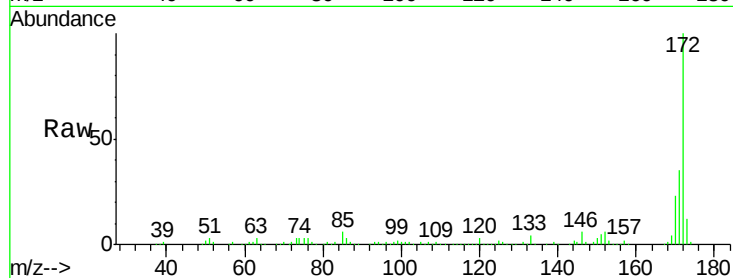




#44
 2-Fluorobiphenyl
 Concen: 101.71 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089654.D
 Acq: 6 Aug 2016 6:59

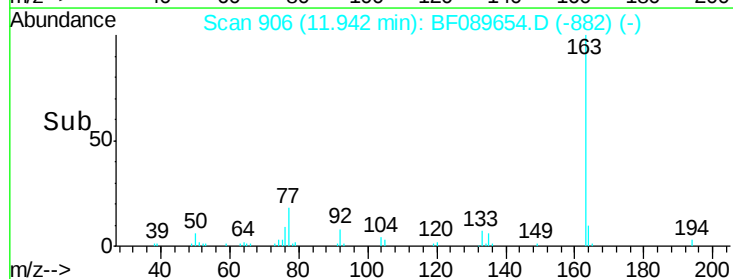
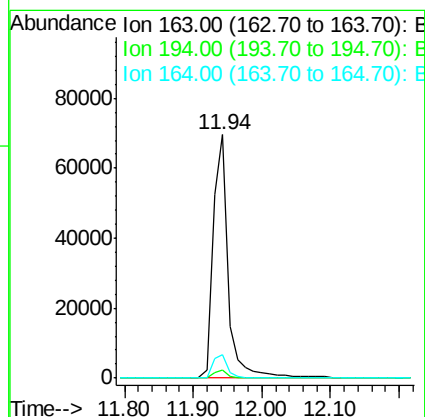
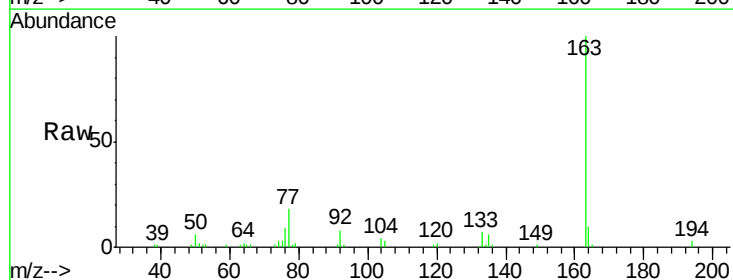
Instrument :
 BNA_F
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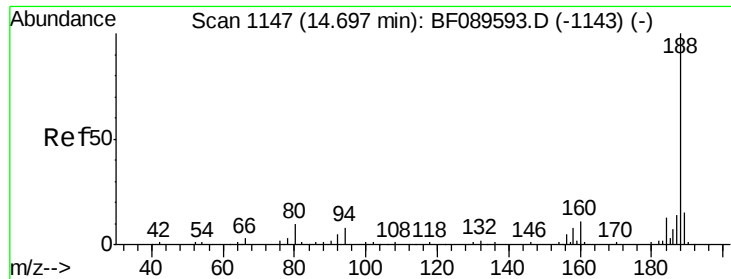
Tgt Ion:172 Resp: 552608
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.3 19.0 28.6



#49
 Dimethylphthalate
 Concen: 19.35 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF089654.D
 Acq: 6 Aug 2016 6:59

Tgt Ion:163 Resp: 107083
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.6 7.8 11.6

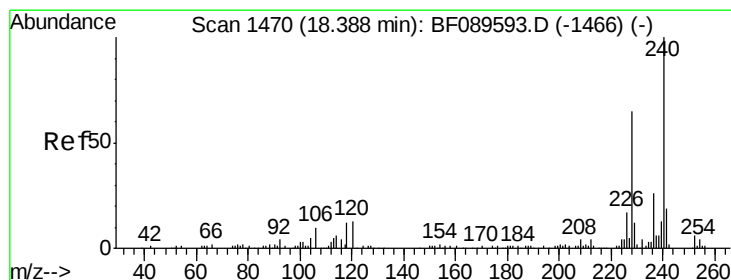
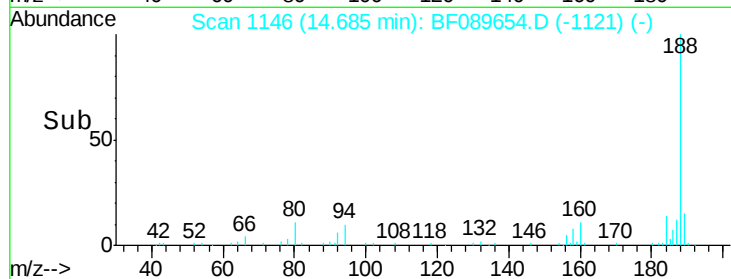
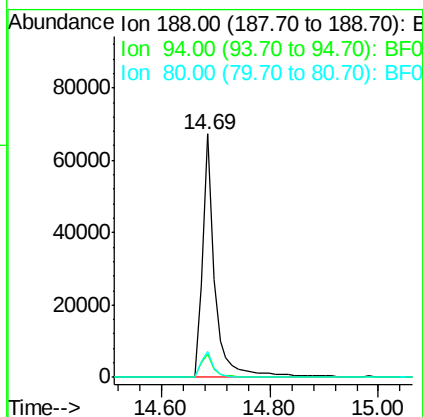
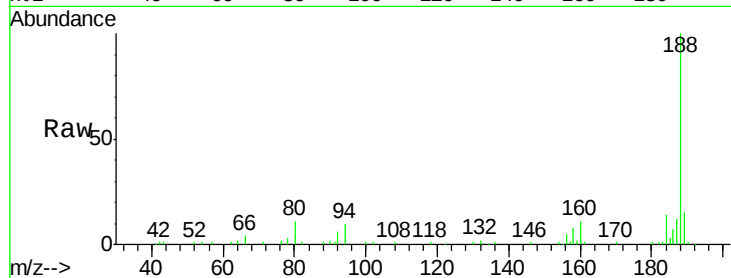




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089654.D
Acq: 6 Aug 2016 6:59

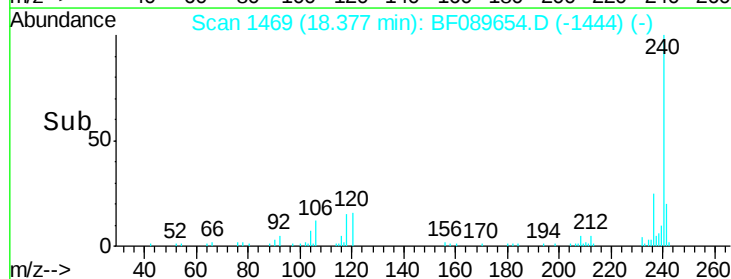
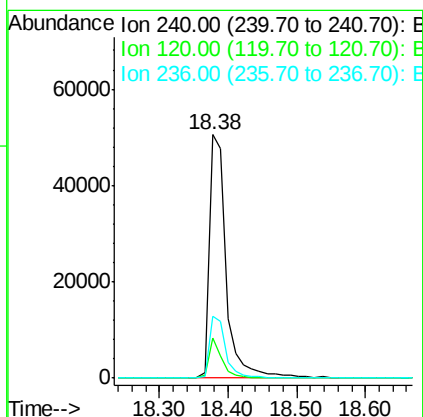
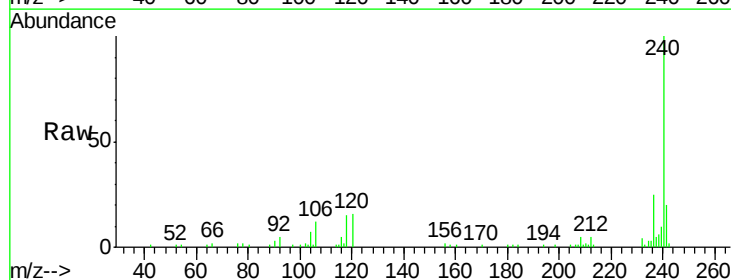
Instrument :
BNA_F
ClientSampleId :
SB-4A

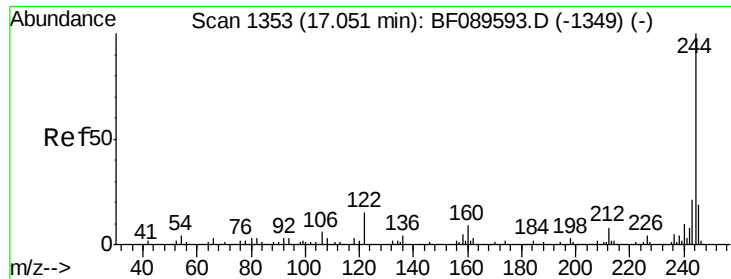
Tgt Ion:188 Resp: 105108
Ion Ratio Lower Upper
188 100
94 9.7 6.5 9.7
80 10.8 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089654.D
Acq: 6 Aug 2016 6:59

Tgt Ion:240 Resp: 87321
Ion Ratio Lower Upper
240 100
120 16.4 10.6 15.8#
236 25.3 20.6 30.8





#78

Terphenyl-d14

Concen: 69.48 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089654.D

Acq: 6 Aug 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SB-4A

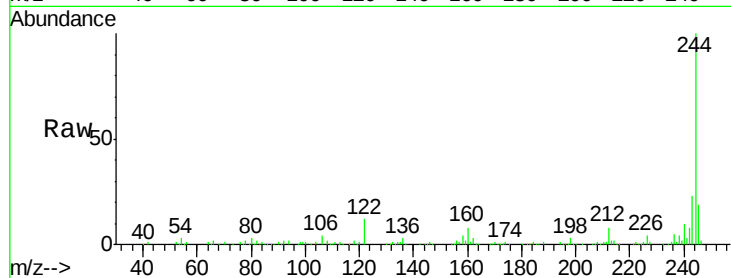
Tgt Ion:244 Resp: 307343

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

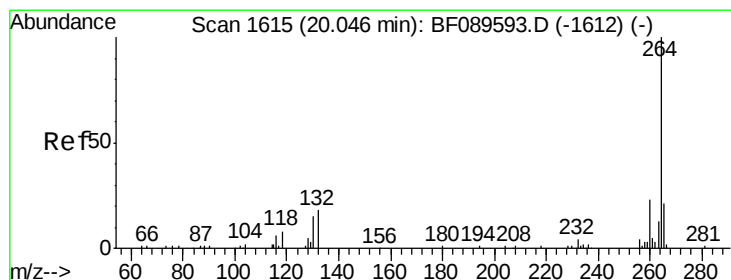
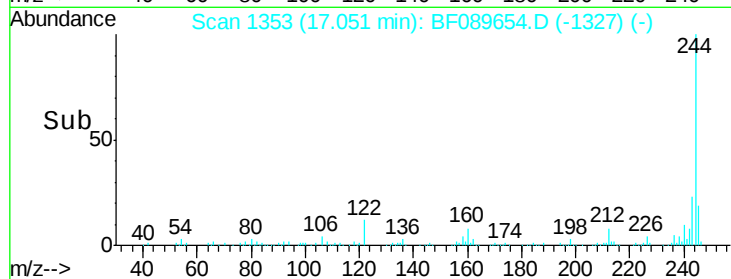
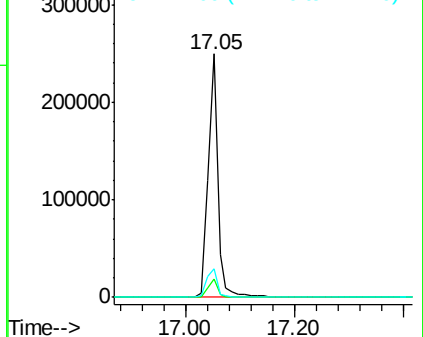
122 11.7 12.2 18.2#



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: BF089654.D

Acq: 6 Aug 2016 6:59

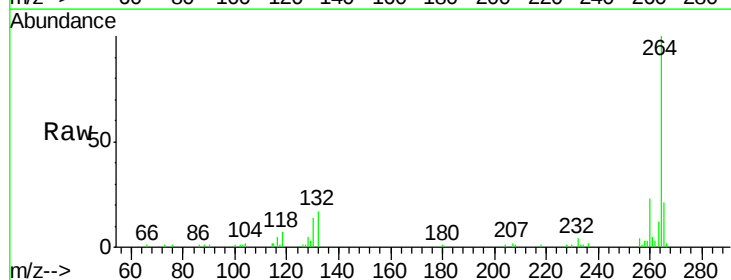
Tgt Ion:264 Resp: 75059

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.8 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

