

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089274.D
 Acq On : 25 Jul 2016 12:43
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Quant Time: Jul 26 12:43:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

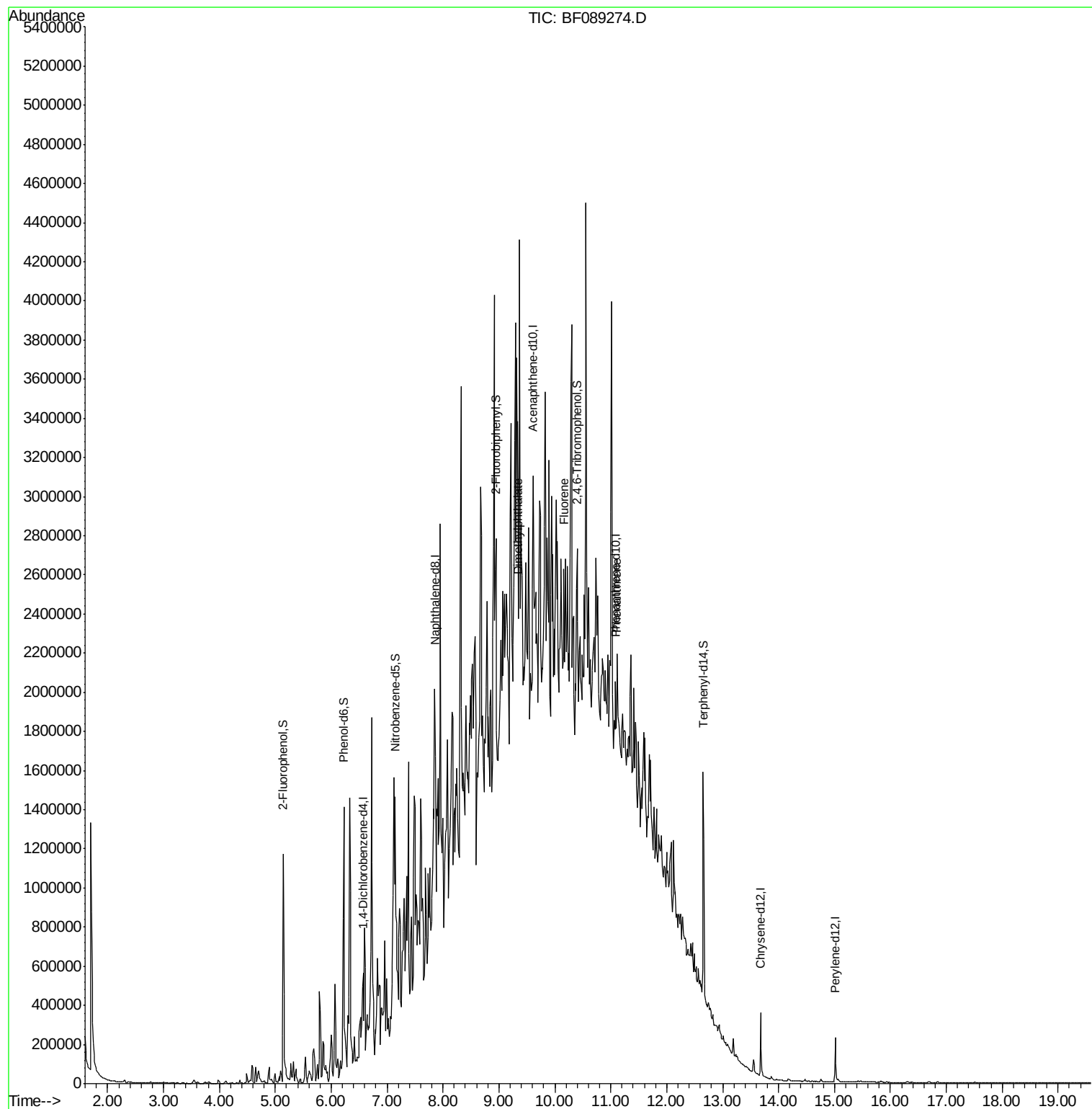
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	55911	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	197212	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	92455	20.00	ng	0.01
63) Phenanthrene-d10	11.08	188	169564	20.00	ng	0.01
75) Chrysene-d12	13.68	240	122295	20.00	ng	-0.01
86) Perylene-d12	15.02	264	100159	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	446507	121.46	ng	0.00
7) Phenol-d6	6.23	99	654161	137.99	ng	0.00
23) Nitrobenzene-d5	7.14	82	413812	111.49	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	85478m	102.69	ng	0.01
44) 2-Fluorobiphenyl	8.95	172	623117	92.86	ng	0.01
78) Terphenyl-d14	12.65	244	480828	85.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	94475	13.32	ng	Qvalue # 89
57) Fluorene	10.16	166	68072m	10.09	ng	
70) Phenanthrene	11.11	178	194144m	20.87	ng	

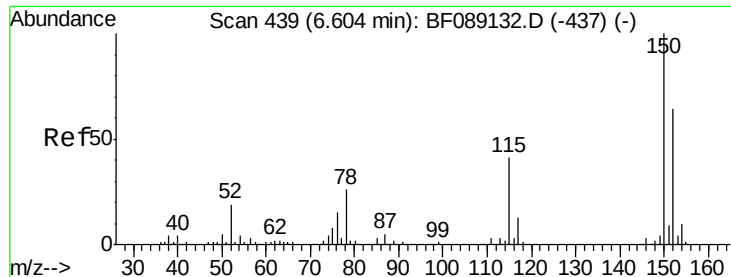
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

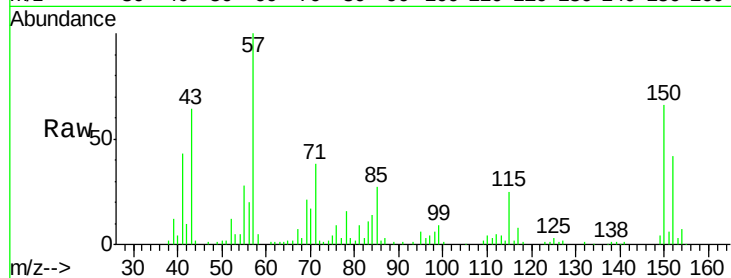
Tot Ion:152 Resp: 55911

Ion Ratio Lower Upper

152 100

150 156.4 125.1 187.7

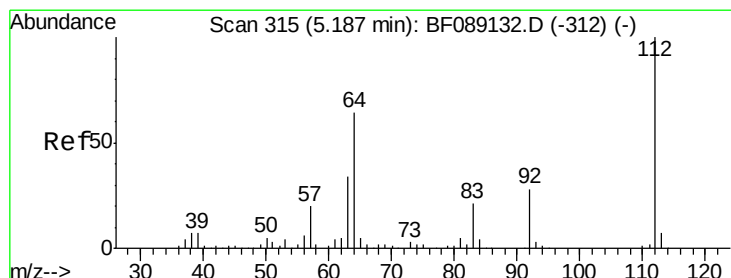
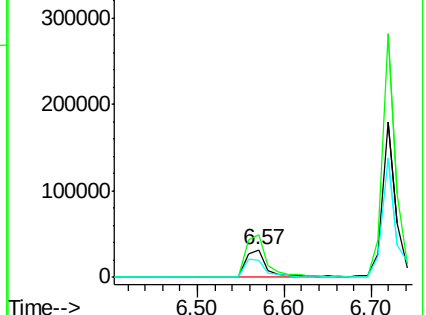
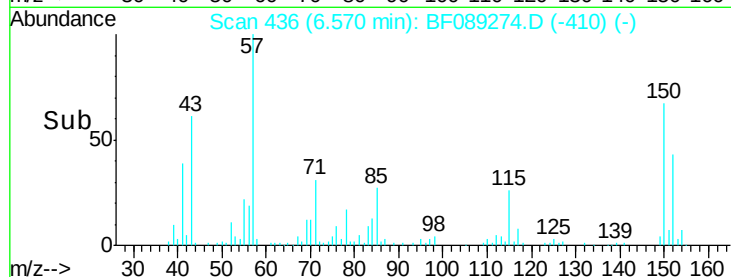
115 60.5 51.1 76.7



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: 121.46 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

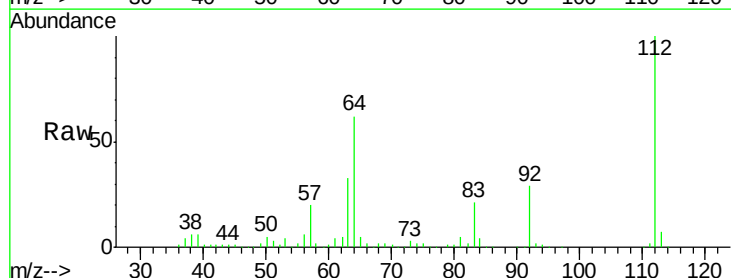
Tgt Ion:112 Resp: 446507

Ion Ratio Lower Upper

112 100

64 62.0 51.0 76.4

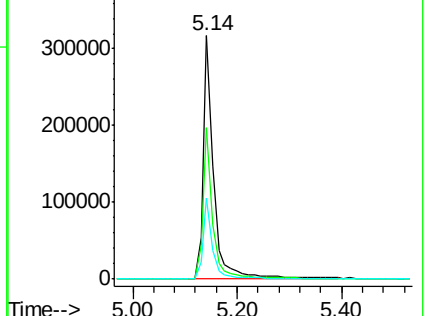
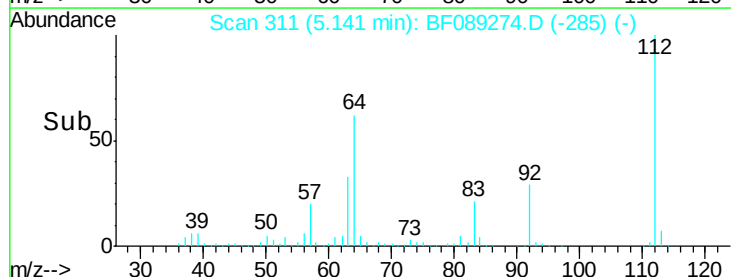
63 33.2 27.3 40.9

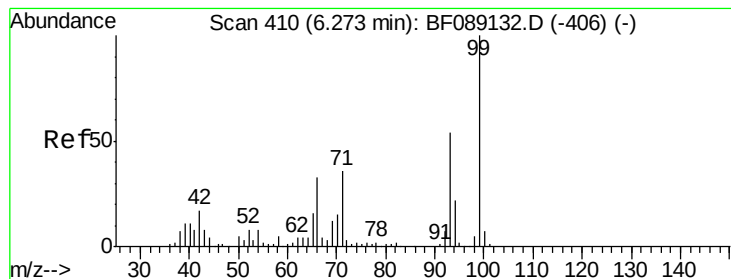


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.99 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

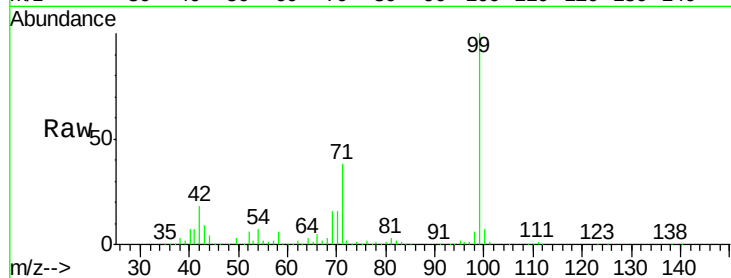
Tot Ion: 99 Resp: 654161

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

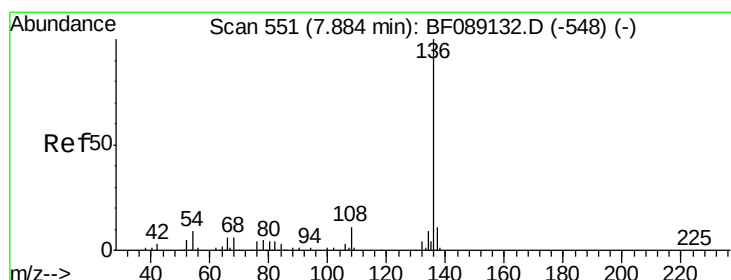
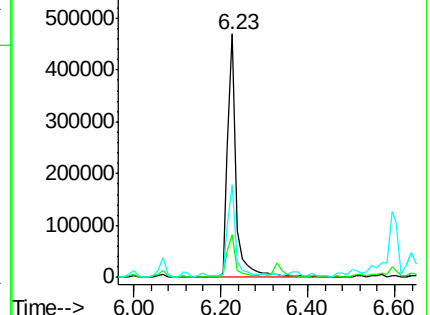
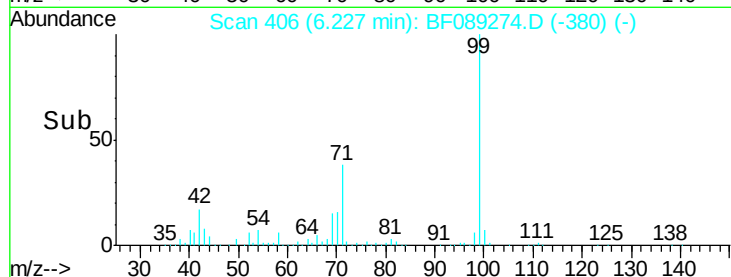
71 37.9 28.9 43.3



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Tgt Ion: 136 Resp: 197212

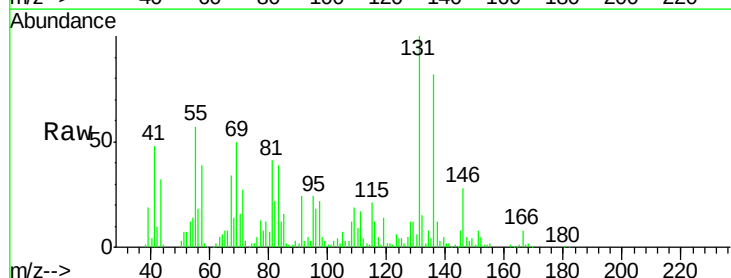
Ion Ratio Lower Upper

136 100

137 14.4 8.8 13.2#

54 17.1 7.0 10.4#

68 17.5 5.0 7.6#

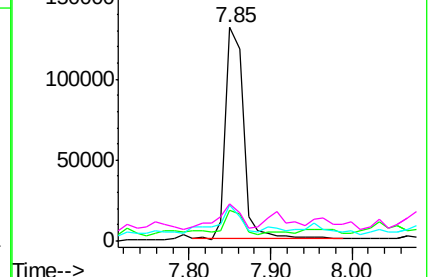
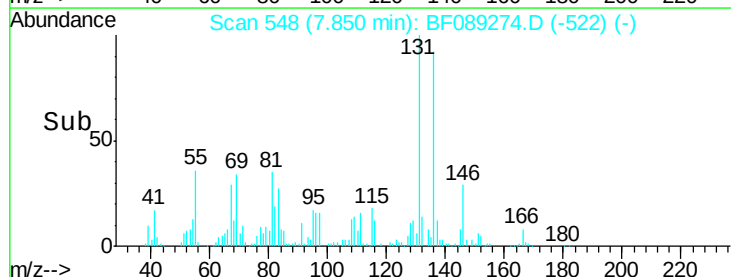


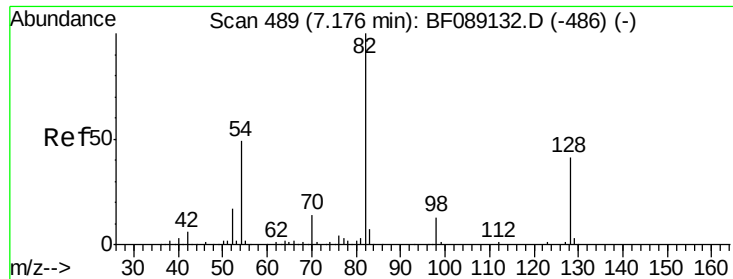
Abundance Ion 136.00 (135.70 to 136.70): E

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

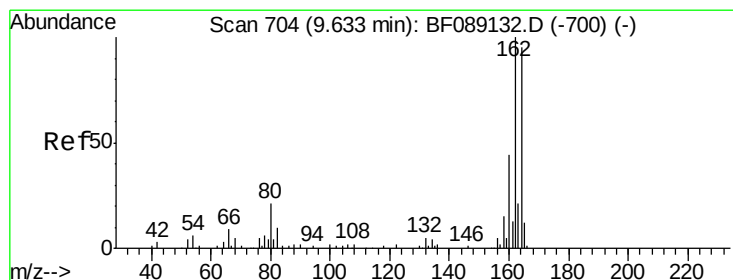
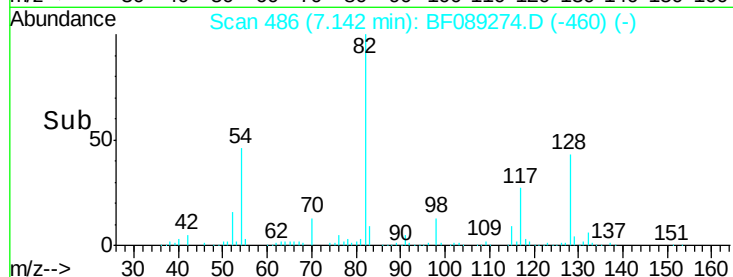
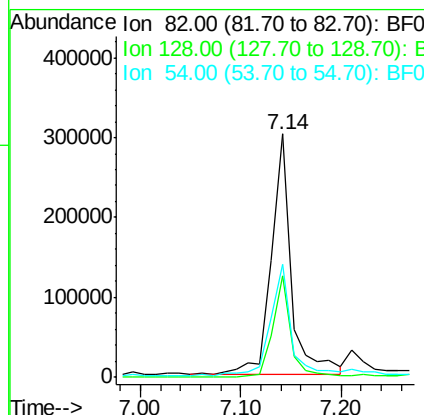
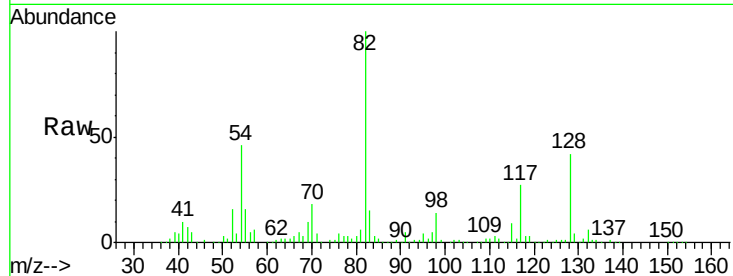




#23
Nitrobenzene-d5
Concen: 111.49 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

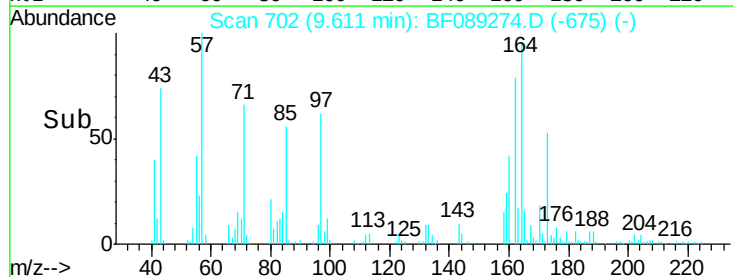
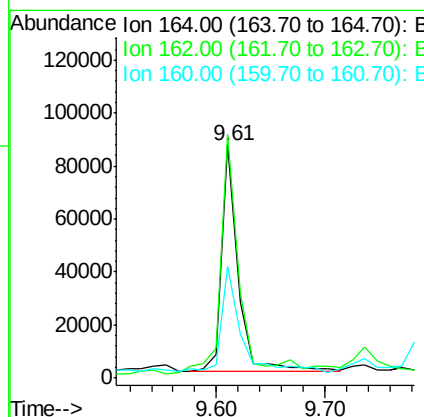
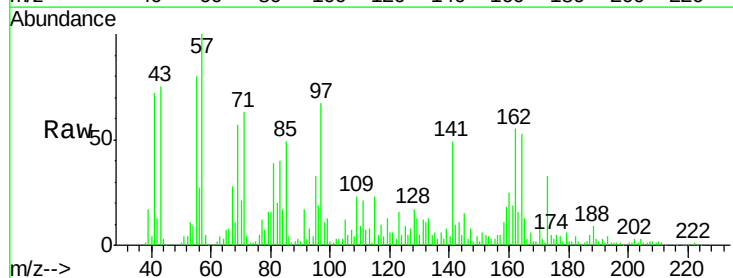
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

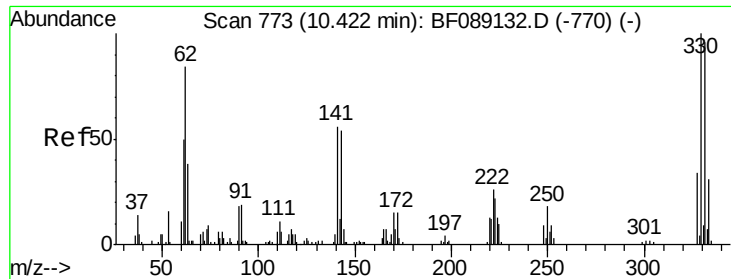
Tot Ion	82	Resp	413812
Ion Ratio	Lower	Upper	
82	100		
128	41.9	33.0	49.6
54	46.3	39.0	58.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion	164	Resp	92455
Ion Ratio	Lower	Upper	
164	100		
162	104.4	84.1	126.1
160	48.0	37.1	55.7

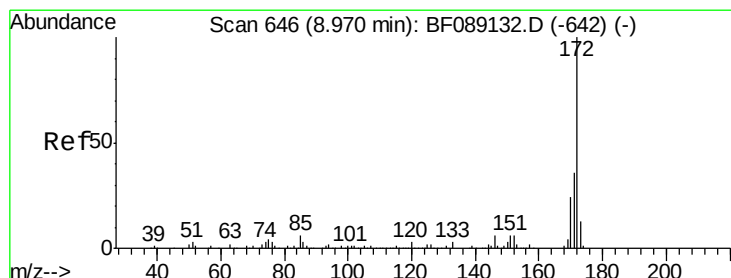
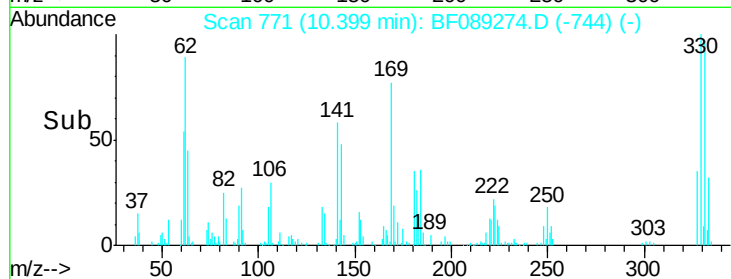
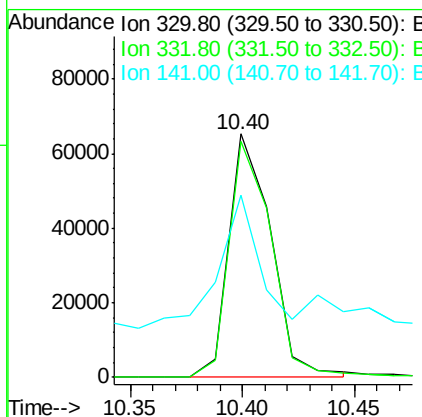
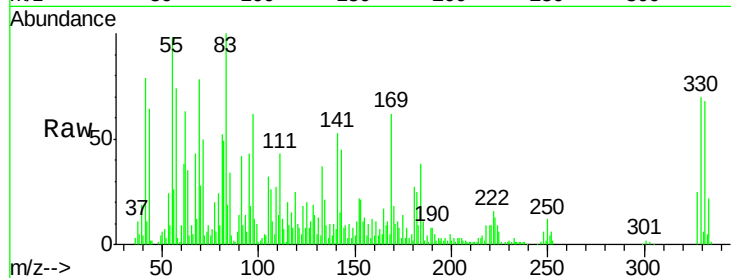




#41
 2,4,6-Tribromophenol
 Concen: 102.69 ng/mL
 RT: 10.40 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

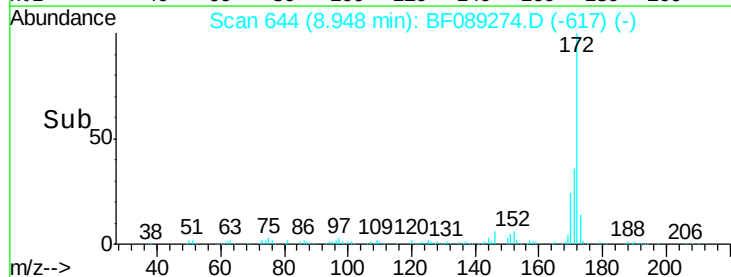
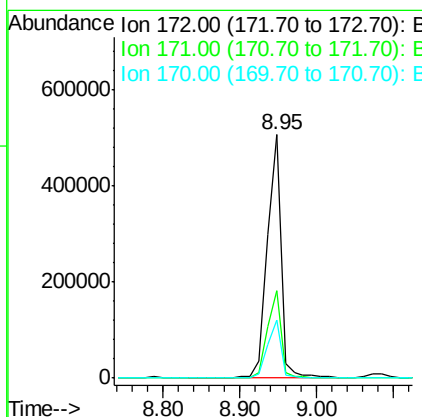
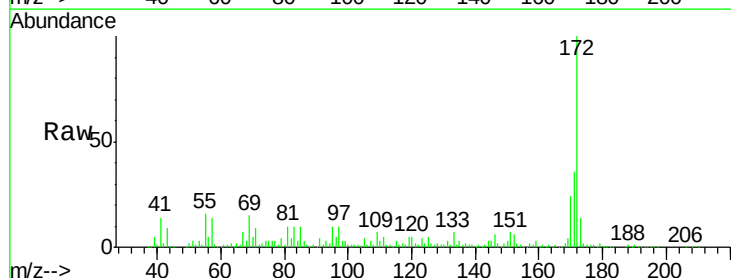
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

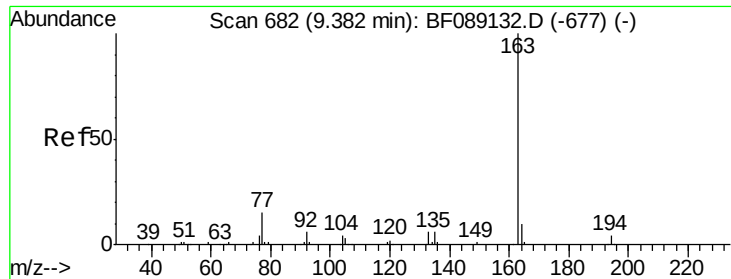
Tot Ion:330 Resp: 85478
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.2 115.8#
 141 0.0 42.2 63.2#



#44
 2-Fluorobiphenyl
 Concen: 92.86 ng/mL
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Tgt Ion:172 Resp: 623117
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.7 19.1 28.7





#49

Dimethylphthalate

Concen: 13.32 ng

RT: 9.35 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

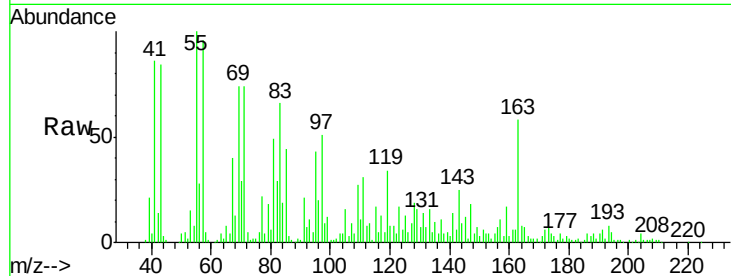
Tot Ion:163 Resp: 94475

Ion Ratio Lower Upper

163 100

194 9.0 2.9 4.3#

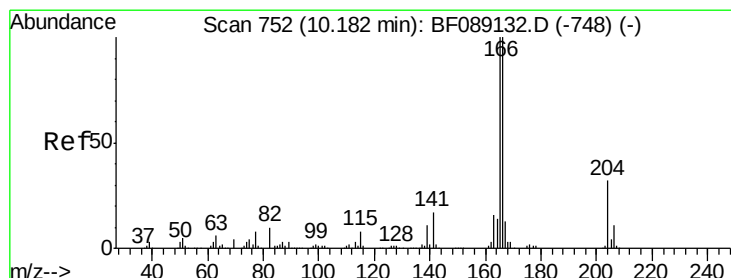
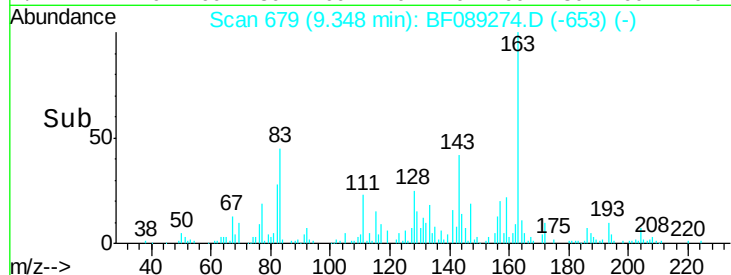
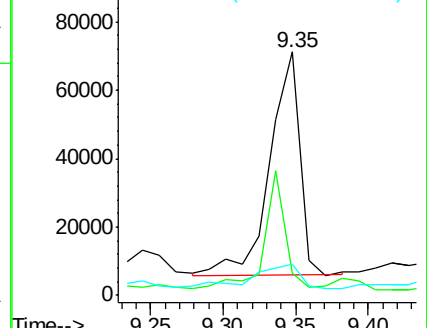
164 13.0 7.6 11.4#



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



#57

Fluorene

Concen: 10.09 ng m

RT: 10.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

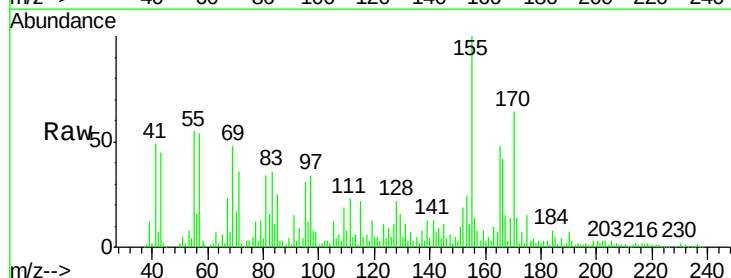
Tgt Ion:166 Resp: 68072

Ion Ratio Lower Upper

166 100

165 114.5 79.9 119.9

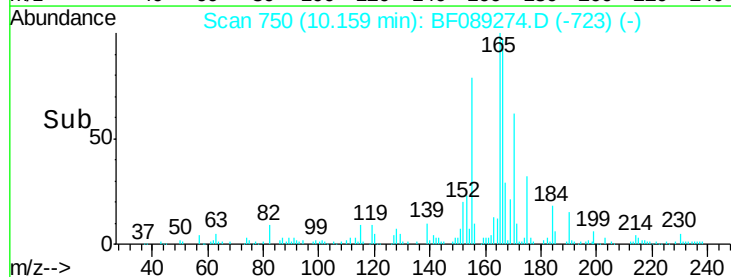
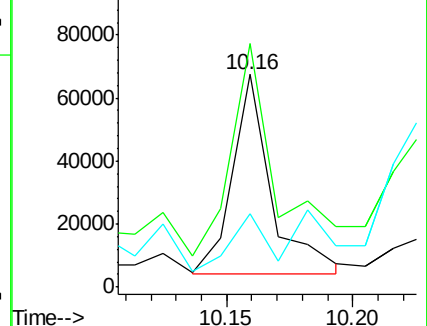
167 34.7 10.7 16.1#

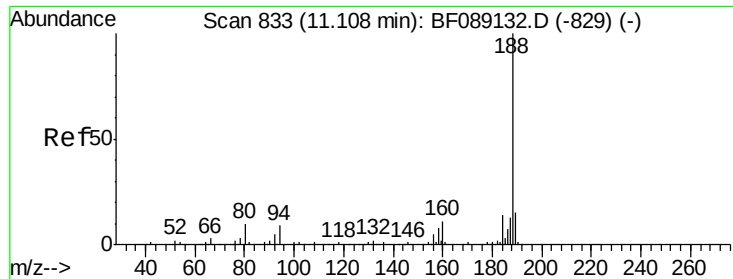


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

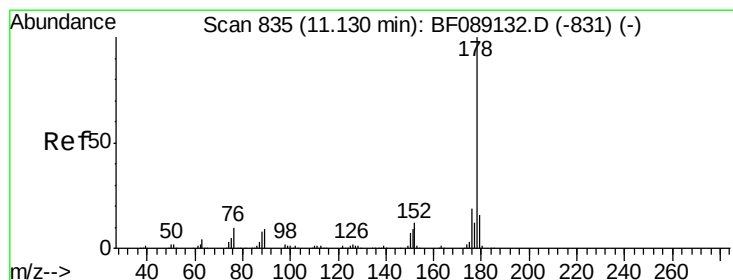
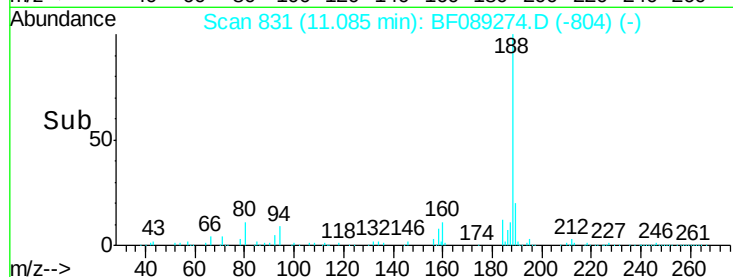
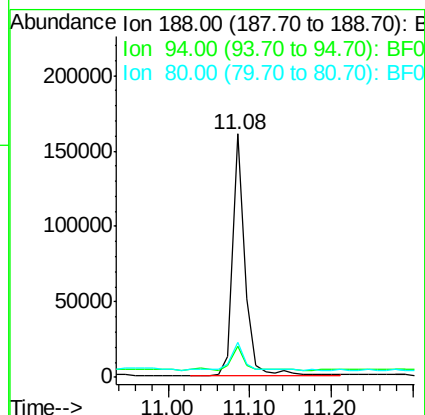
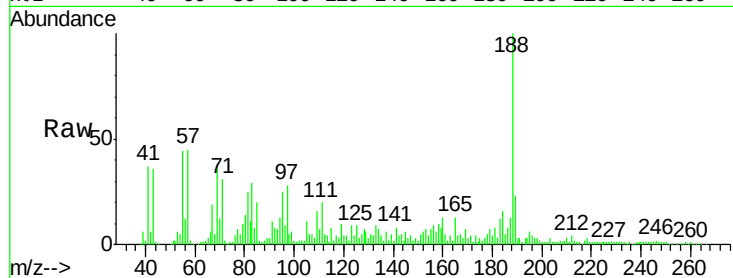




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

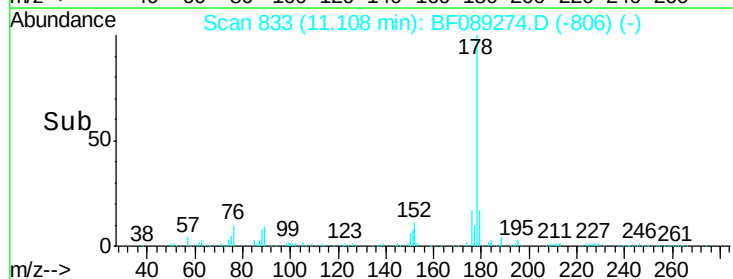
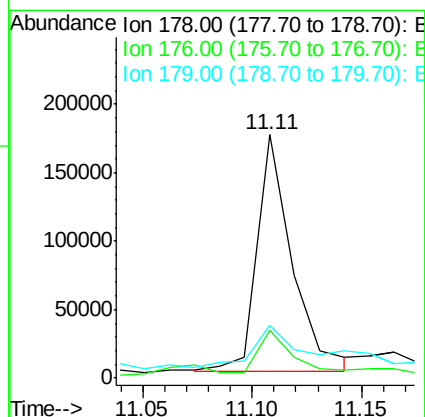
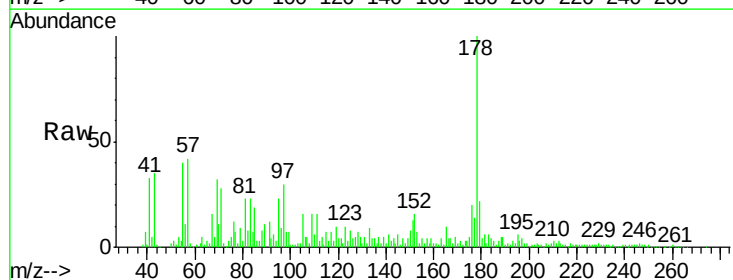
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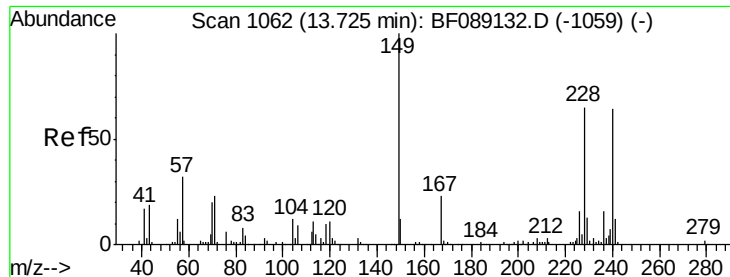
Tot Ion:188 Resp: 169564
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 14.4 7.7 11.5#



#70
Phenanthrene
Concen: 20.87 ng m
RT: 11.11 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion:178 Resp: 194144
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 21.6 12.4 18.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

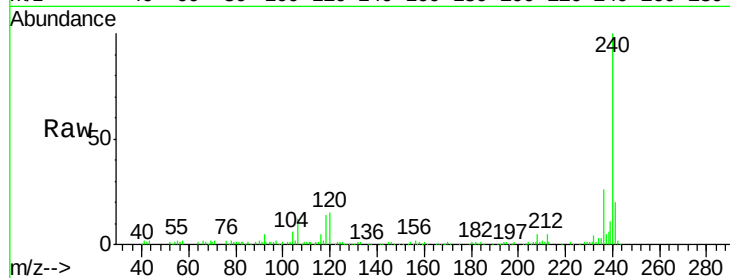
Tot Ion:240 Resp: 122295

Ion Ratio Lower Upper

240 100

120 15.2 13.6 20.4

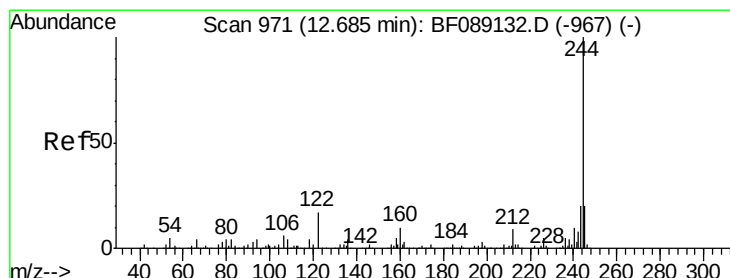
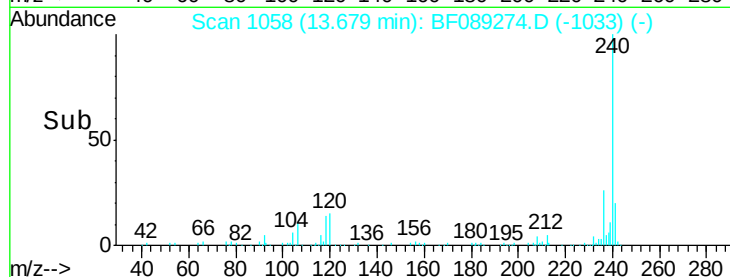
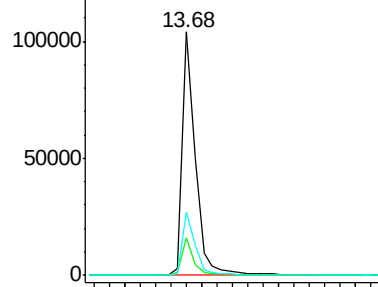
236 25.9 20.5 30.7



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: 85.28 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

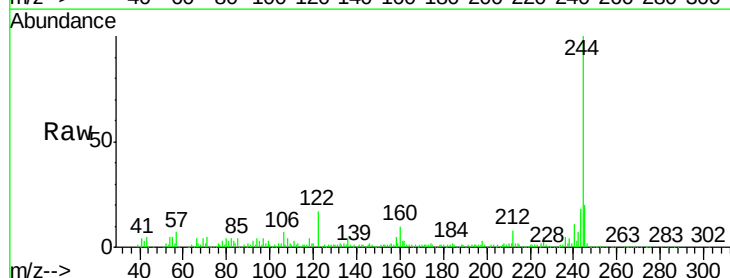
Tgt Ion:244 Resp: 480828

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

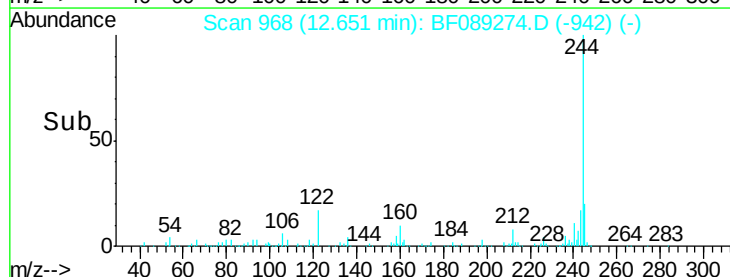
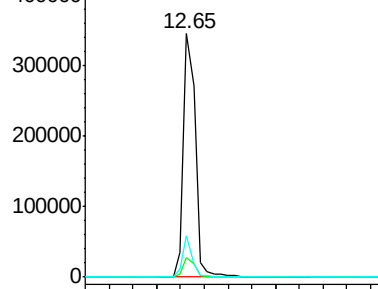
122 17.0 13.8 20.8

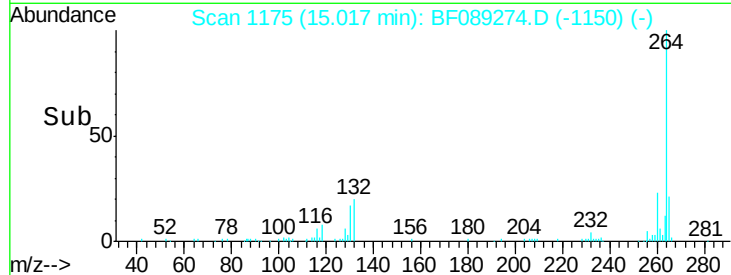
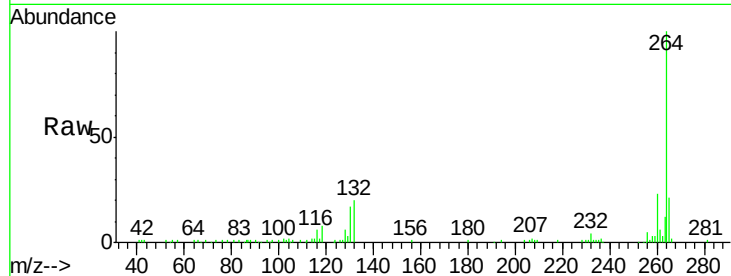
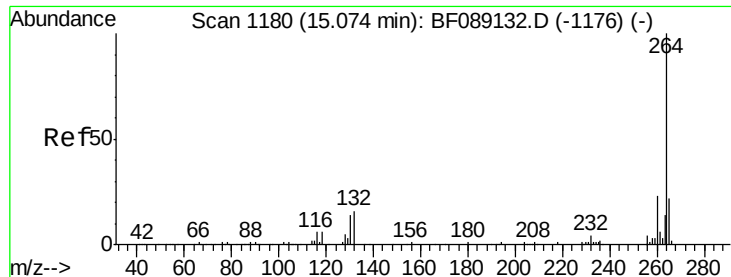


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Tot Ion:264	Resp:	100159
Ion	Ratio	Lower Upper
264	100	
260	23.4	18.5 27.7
265	21.2	17.3 25.9

