

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089217.D
 Acq On : 23 Jul 2016 3:44
 Operator : UM/SJ
 Sample : H4129-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-15-5.0-7.0

Quant Time: Jul 25 00:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

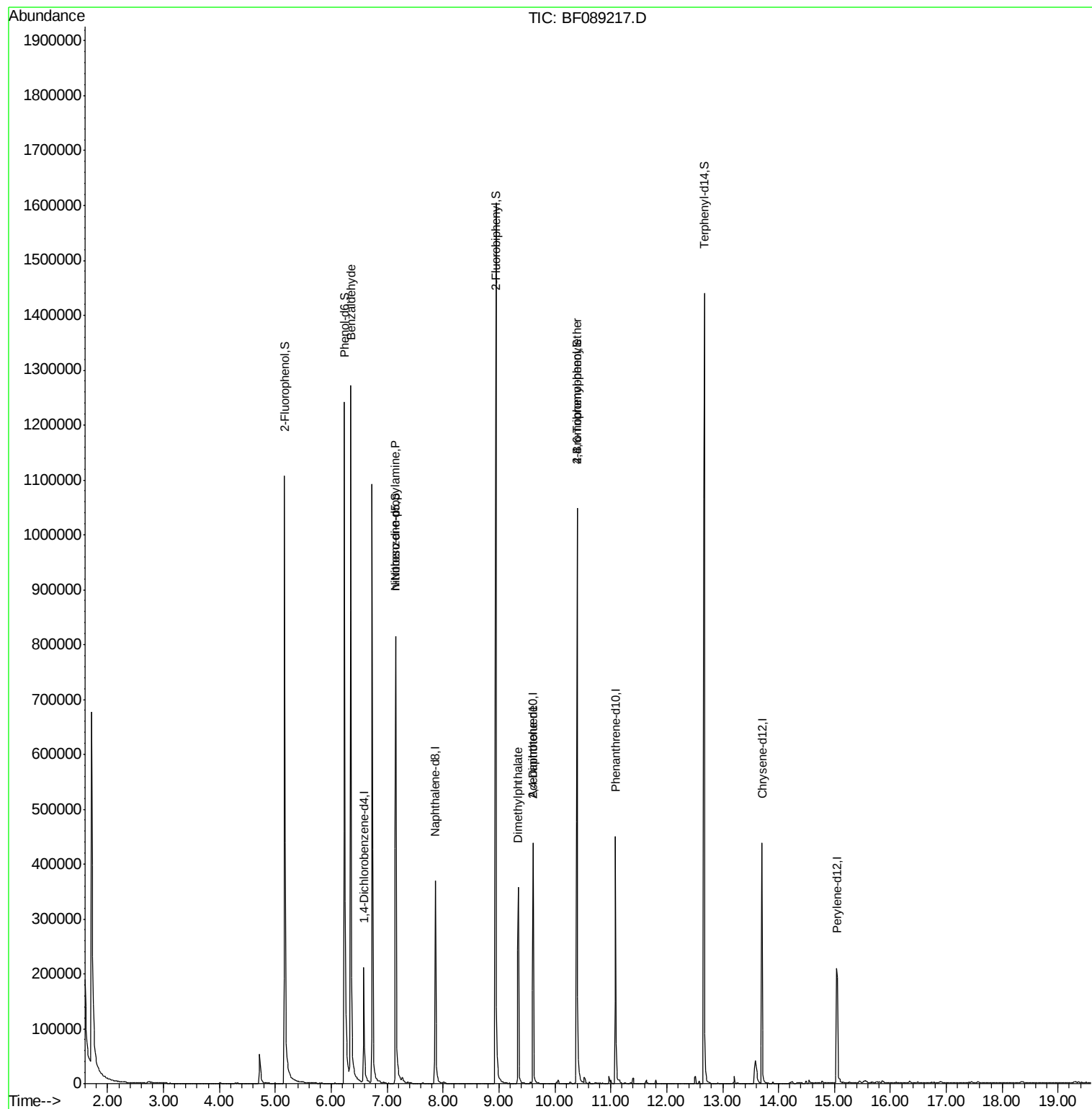
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48896	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	215221	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	104739	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	206491	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	160232	20.00	ng	-0.02
86) Perylene-d12	15.05	264	121886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	435806	135.55	ng	-0.02
7) Phenol-d6	6.24	99	609682	147.05	ng	-0.03
23) Nitrobenzene-d5	7.15	82	401641	99.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	133018	141.06	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	708507	93.20	ng	-0.02
78) Terphenyl-d14	12.67	244	613083	82.99	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	11528	4.02	ng	82
19) n-Nitroso-di-n-propylamine	7.15	70	52685	19.43	ng	# 78
49) Dimethylphthalate	9.35	163	220904	27.48	ng	99
56) 2,4-Dinitrotoluene	9.61	165	12530	5.36	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	10343	5.06	ng	# 1

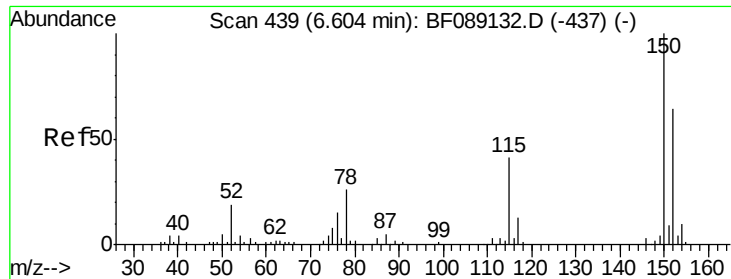
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

KSB-15-5.0-7.0

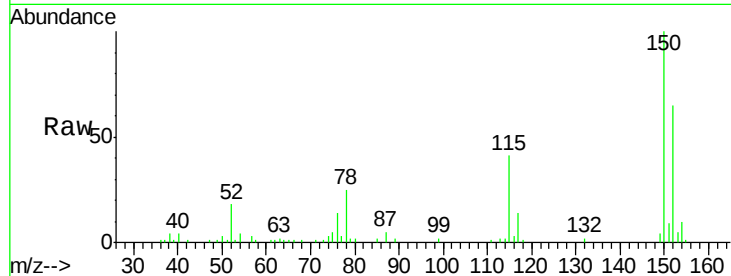
Tgt Ion:152 Resp: 48896

Ion Ratio Lower Upper

152 100

150 153.1 125.1 187.7

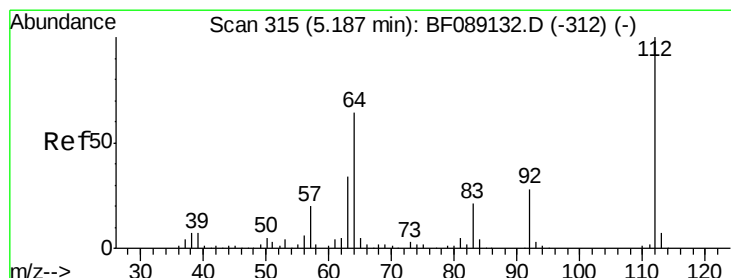
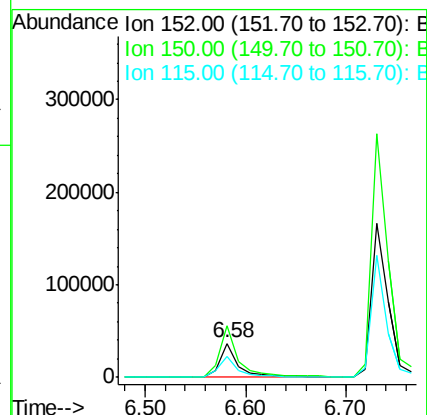
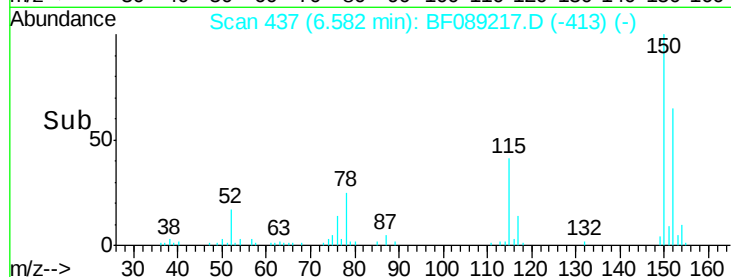
115 62.6 51.1 76.7



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: 135.55 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

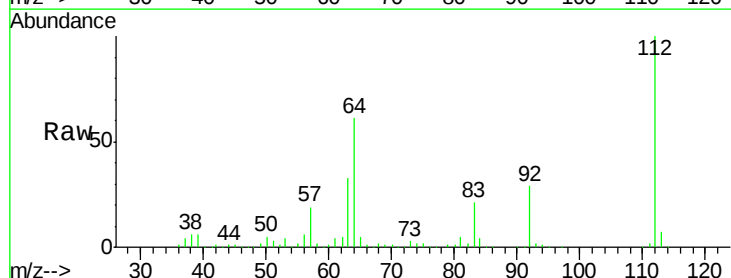
Tgt Ion:112 Resp: 435806

Ion Ratio Lower Upper

112 100

64 61.5 51.0 76.4

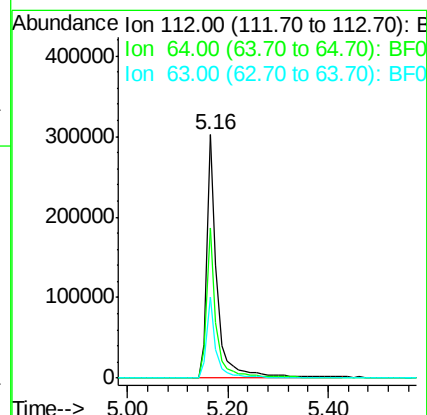
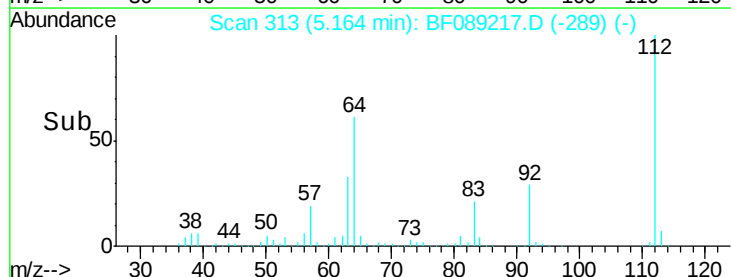
63 33.4 27.3 40.9

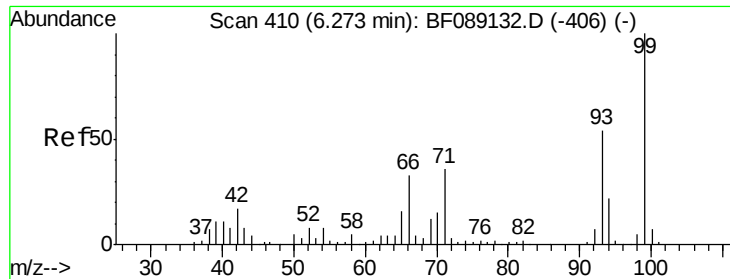


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.05 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

KSB-15-5.0-7.0

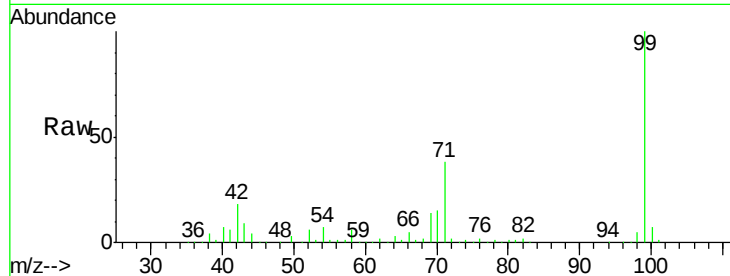
Tgt Ion: 99 Resp: 609682

Ion Ratio Lower Upper

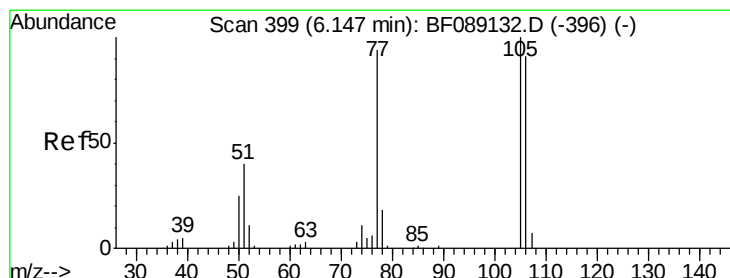
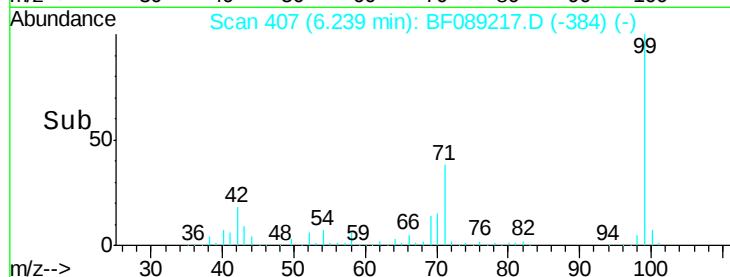
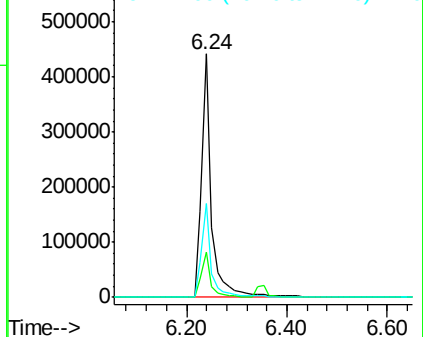
99 100

42 18.3 13.5 20.3

71 38.3 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



#9

Benzaldehyde

Concen: 4.02 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

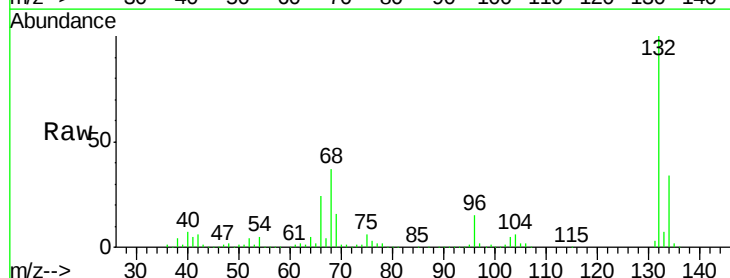
Tgt Ion: 77 Resp: 11528

Ion Ratio Lower Upper

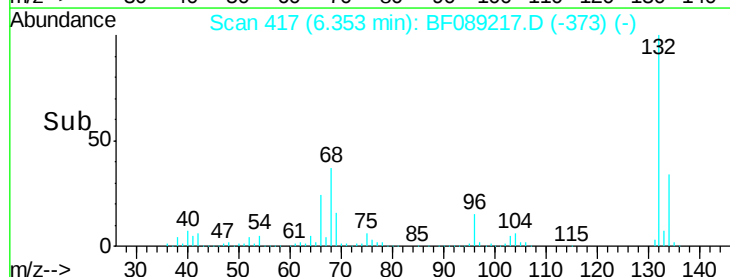
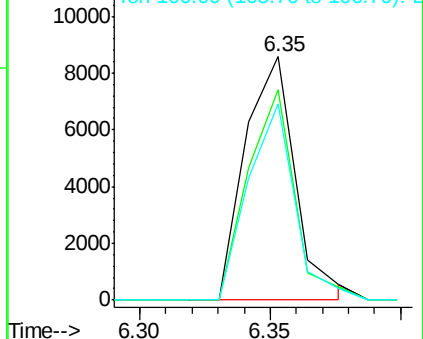
77 100

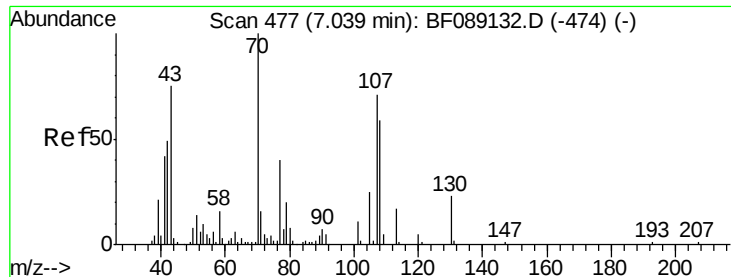
105 86.5 86.2 126.2

106 80.8 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

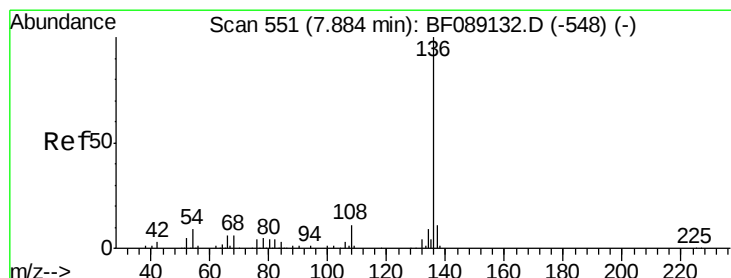
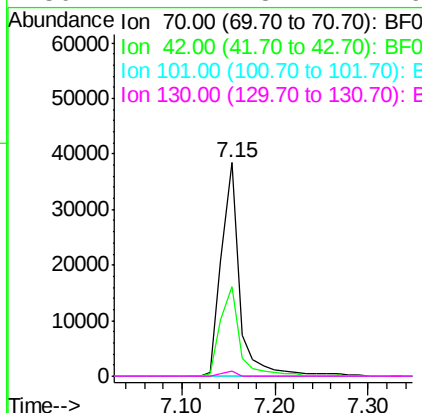
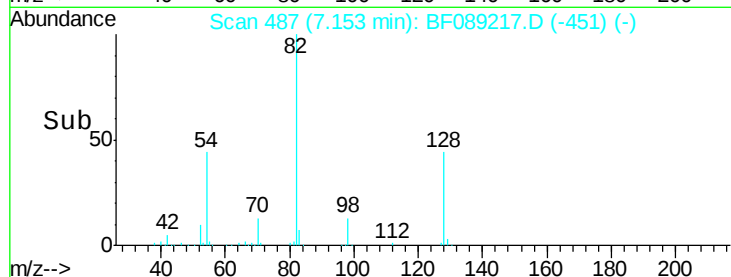
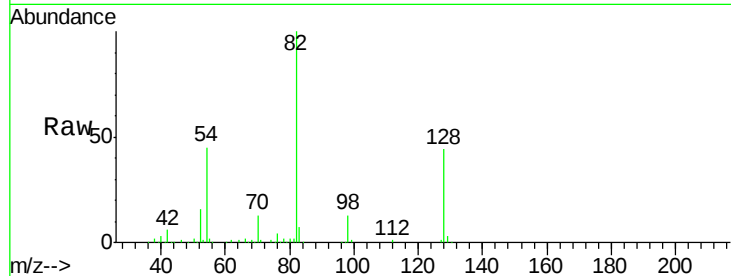




#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089217.D
Acq: 23 Jul 2016 3:44

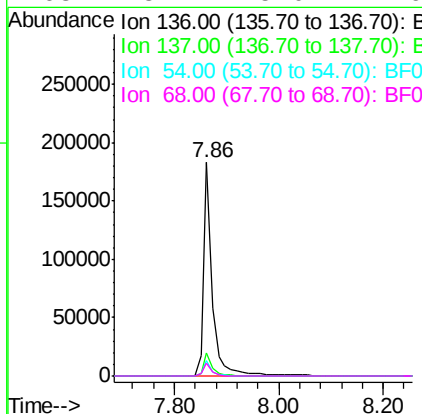
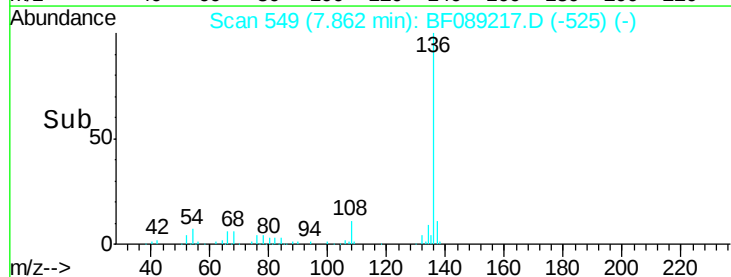
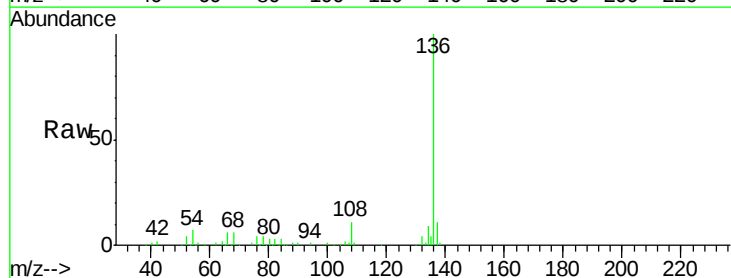
Instrument :
BNA_F
ClientSampleId :
KSB-15-5.0-7.0

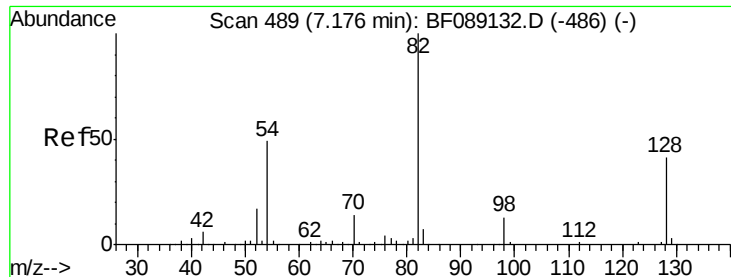
Tgt Ion: 70 Resp: 52685
Ion Ratio Lower Upper
70 100
42 41.7 39.2 58.8
101 0.0 8.5 12.7#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089217.D
Acq: 23 Jul 2016 3:44

Tgt Ion: 136 Resp: 215221
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 7.0 10.4
68 5.7 5.0 7.6

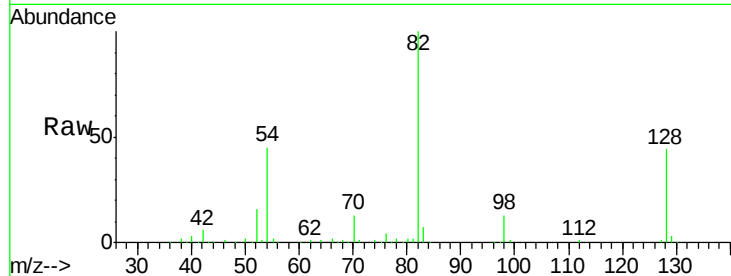




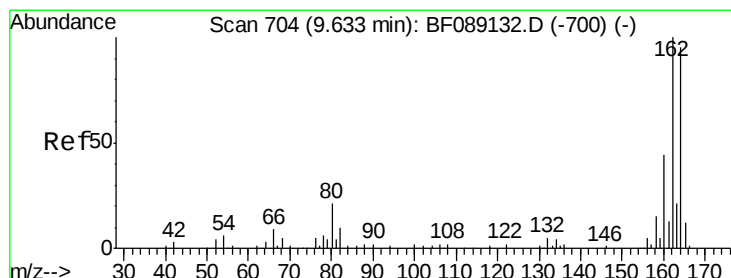
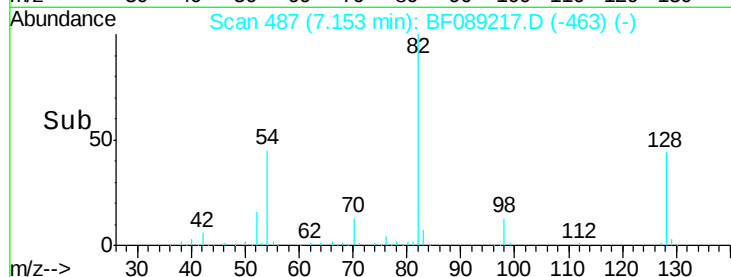
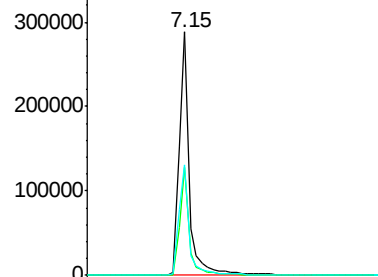
#23
 Nitrobenzene-d5
 Concen: 99.16 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 KSB-15-5.0-7.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.0	49.6
54	45.3	39.0	58.4

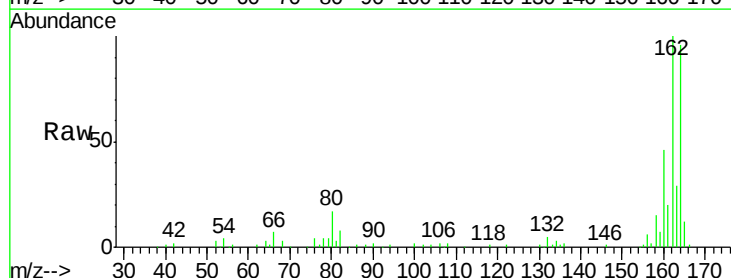


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

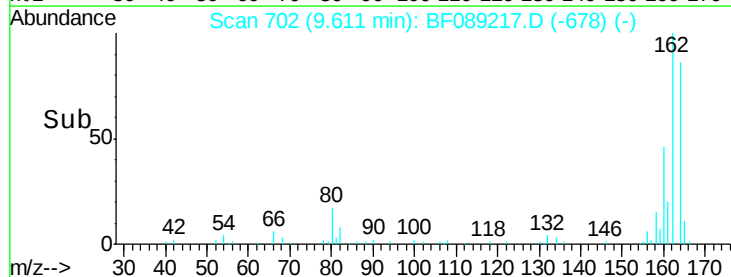
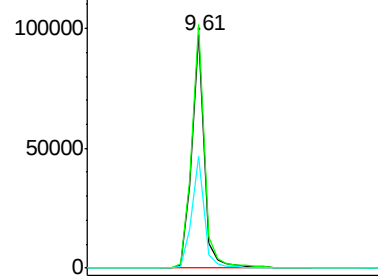


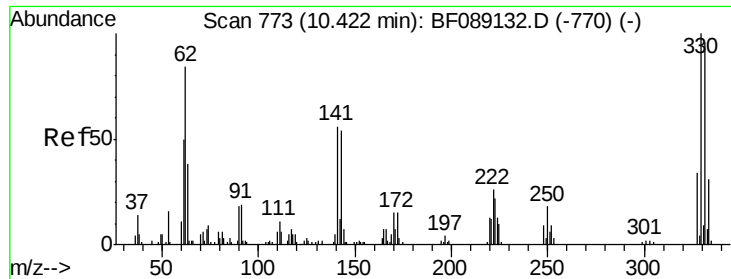
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.1	126.1
160	48.0	37.1	55.7



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

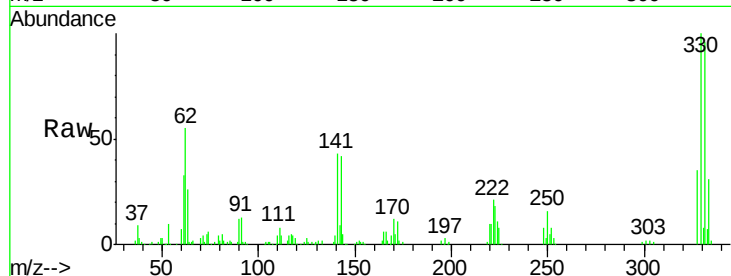




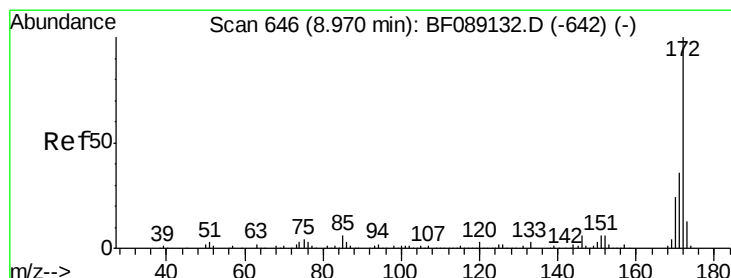
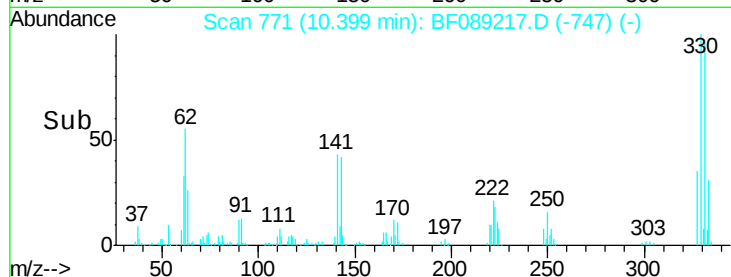
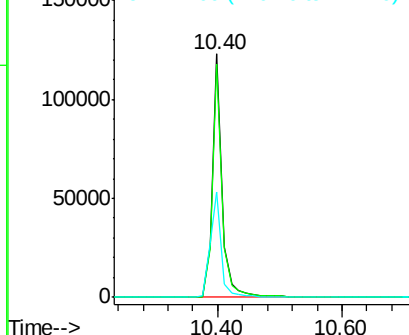
#41
 2,4,6-Tribromophenol
 Concen: 141.06 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 KSB-15-5.0-7.0

Tgt Ion:330 Resp: 133018
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.2 115.8
 141 49.0 42.2 63.2

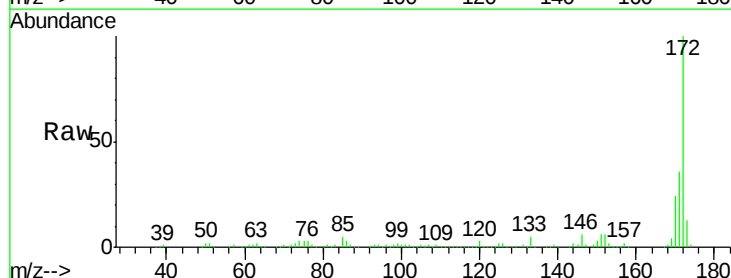


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

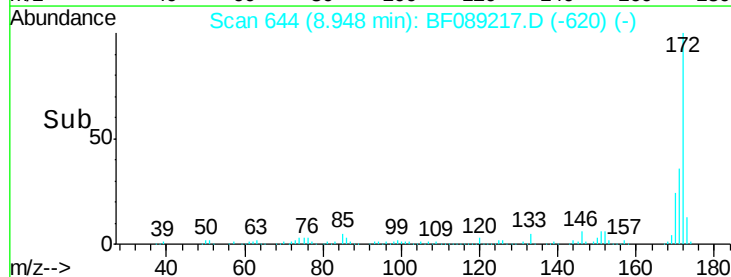
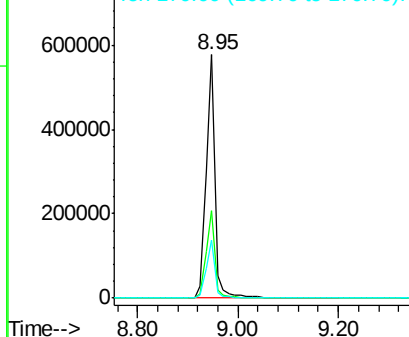


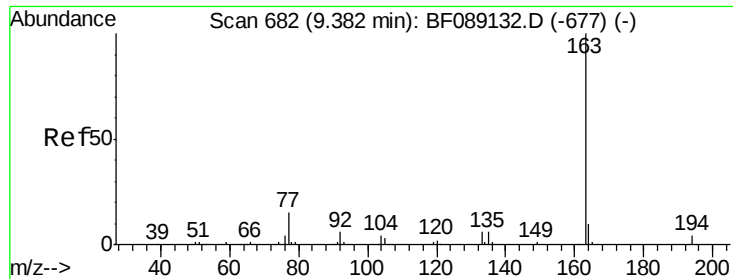
#44
 2-Fluorobiphenyl
 Concen: 93.20 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

Tgt Ion:172 Resp: 708507
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.1 28.7



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

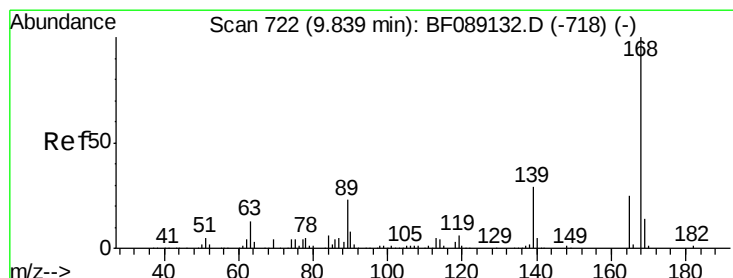
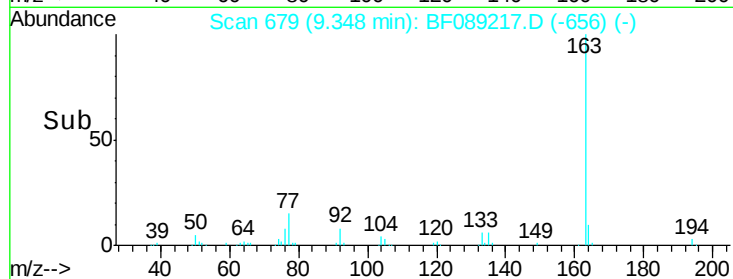
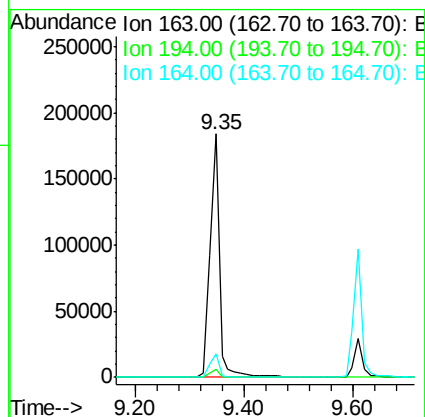
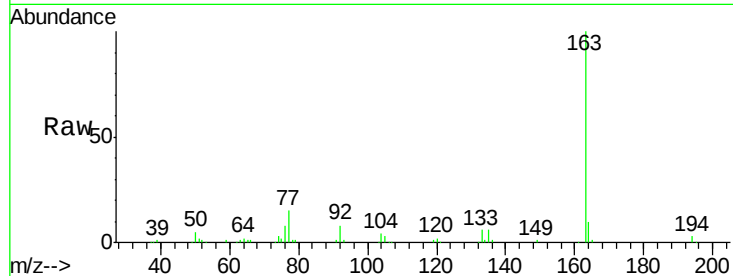




#49
Dimethylphthalate
Concen: 27.48 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089217.D
Acq: 23 Jul 2016 3:44

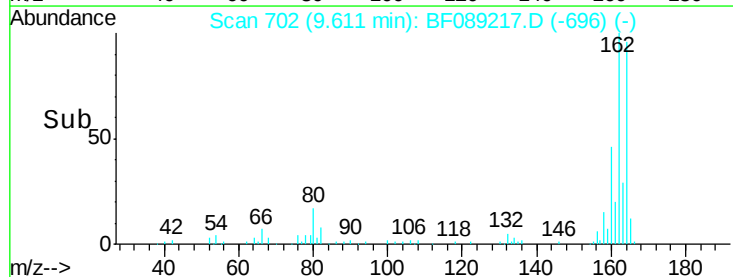
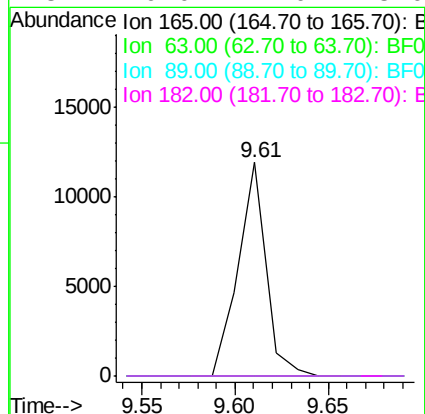
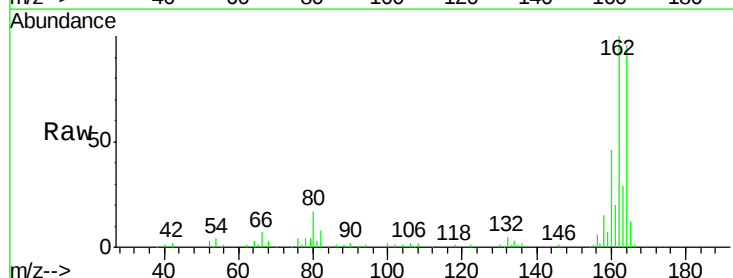
Instrument :
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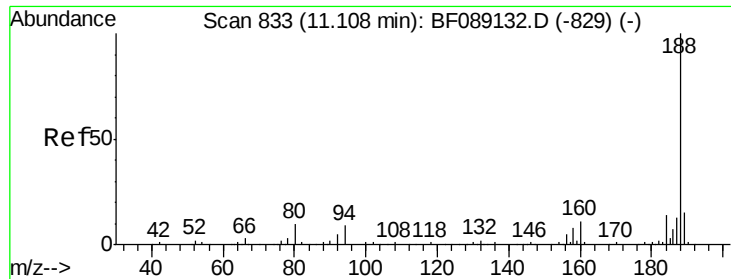
Tgt Ion:163 Resp: 220904
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.8 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089217.D
Acq: 23 Jul 2016 3:44

Tgt Ion:165 Resp: 12530
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

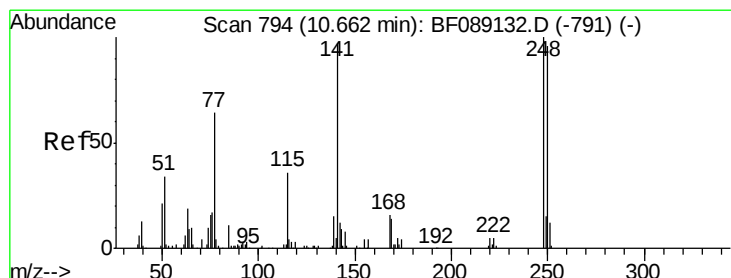
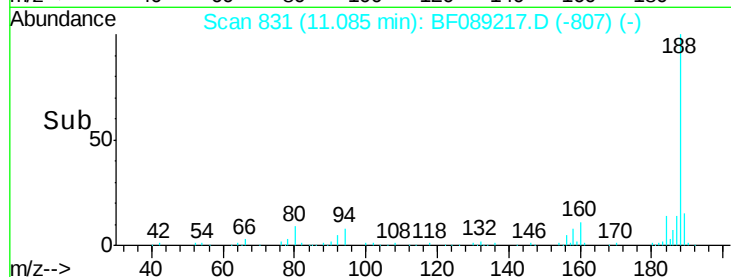
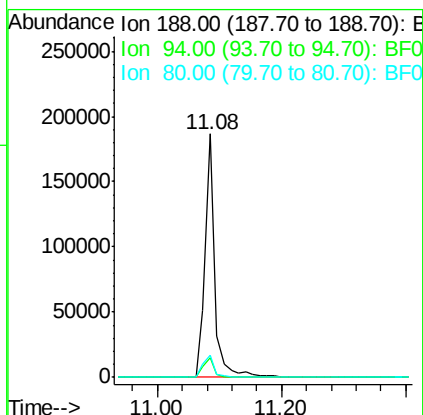
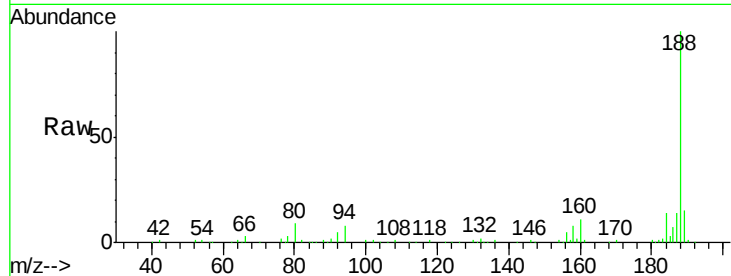




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

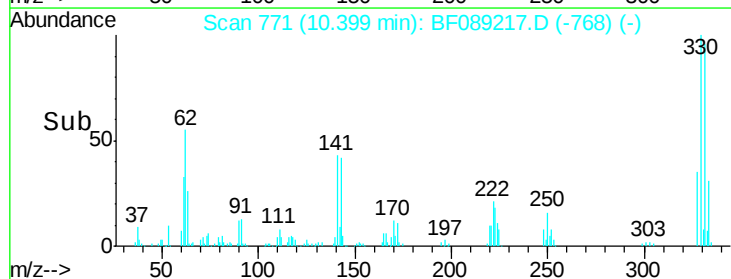
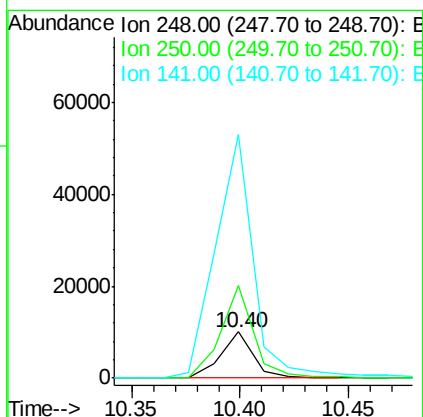
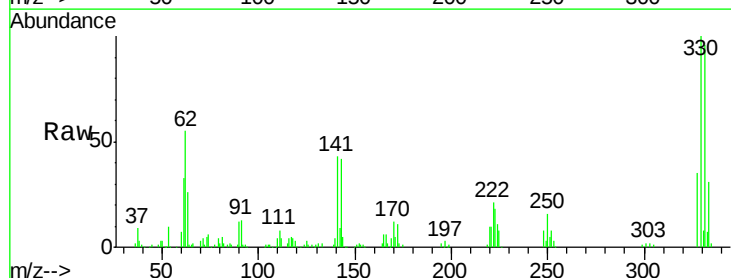
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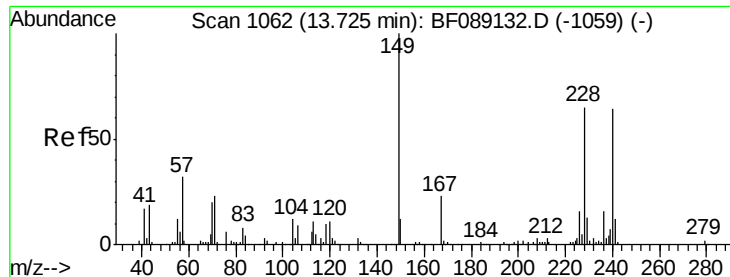
Tgt Ion:188 Resp: 206491
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.0 10.4
 80 9.0 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.06 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

Tgt Ion:248 Resp: 10343
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.9 115.3#
 141 529.8 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

KSB-15-5.0-7.0

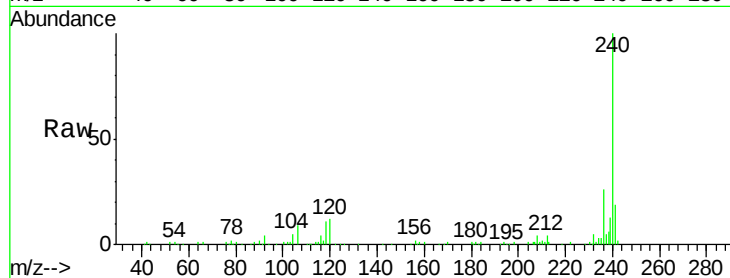
Tgt Ion:240 Resp: 160232

Ion Ratio Lower Upper

240 100

120 12.4 13.6 20.4#

236 25.8 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

13.70

150000

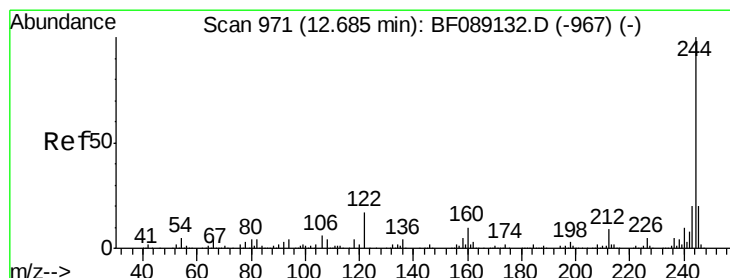
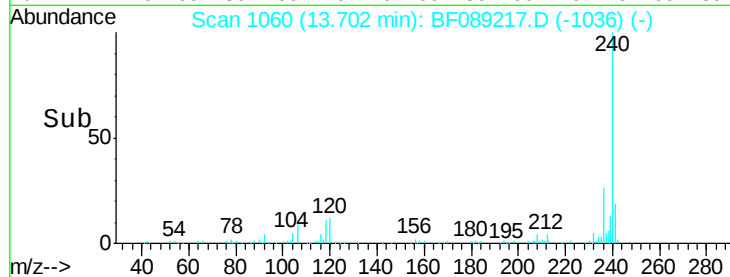
100000

50000

0

13.60 13.70 13.80 13.90

Time-->



#78

Terphenyl-d14

Concen: 82.99 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

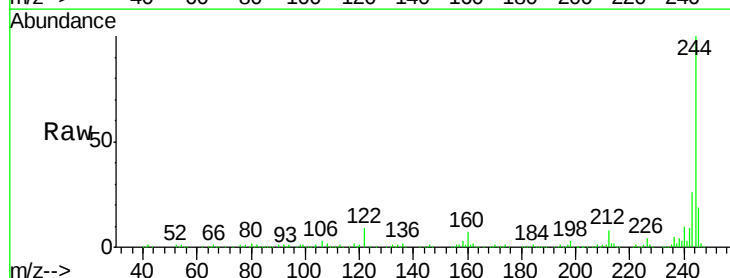
Tgt Ion:244 Resp: 613083

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

122 8.8 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

12.67

600000

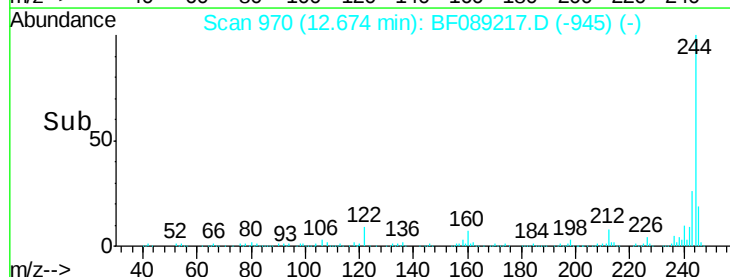
400000

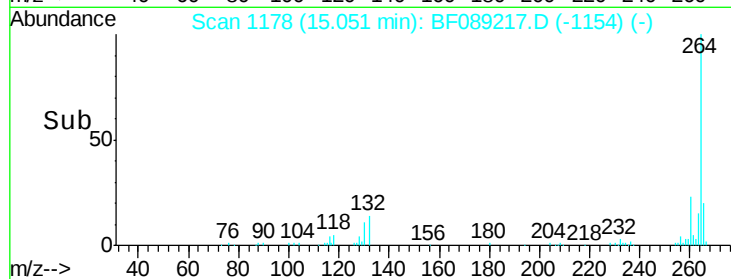
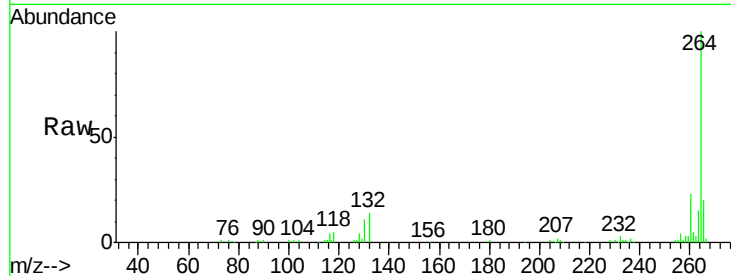
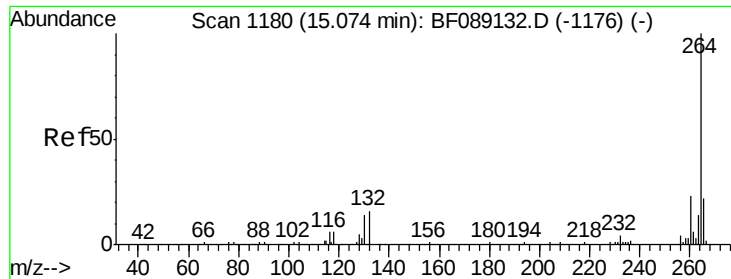
200000

0

12.60 12.80

Time-->





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF089217.D

Acq: 23 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

KSB-15-5.0-7.0

Tgt Ion: 264 Resp: 121886

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 20.3 17.3 25.9

