

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089265.D
 Acq On : 24 Jul 2016 7:35
 Operator : UM/SJ
 Sample : H4129-09
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

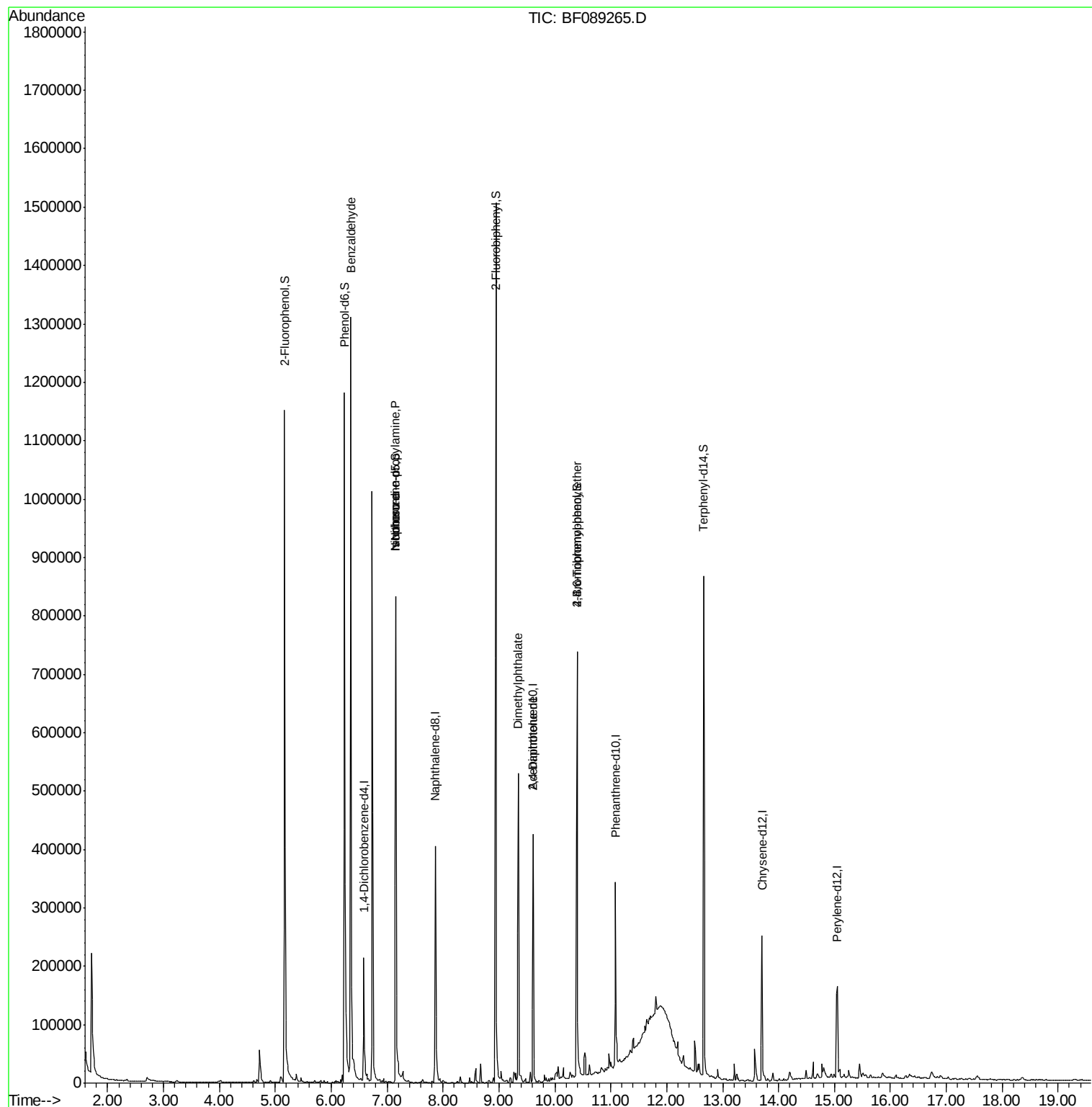
Quant Time: Jul 25 01:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

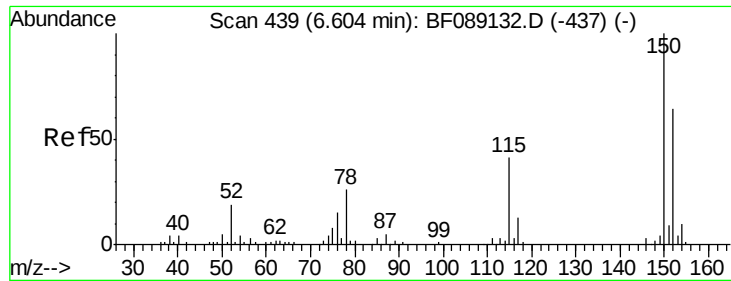
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46810	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	203994	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	87863	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	139840	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	92876	20.00	ng	-0.02
86) Perylene-d12	15.05	264	89442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	428852	139.34	ng	-0.02
7) Phenol-d6	6.24	99	573350	144.45	ng	-0.03
23) Nitrobenzene-d5	7.15	82	377268	98.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	97807	123.64	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	590494	92.60	ng	-0.02
78) Terphenyl-d14	12.66	244	293872	68.63	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	11293	4.12	ng	84
19) n-Nitroso-di-n-propylamine	7.15	70	50419	19.42	ng	# 78
25) Isophorone	7.15	82	287417	40.62	ng	# 66
49) Dimethylphthalate	9.35	163	269280	39.94	ng	100
56) 2,4-Dinitrotoluene	9.61	165	11283	5.75	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	7485	5.41	ng	# 1

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

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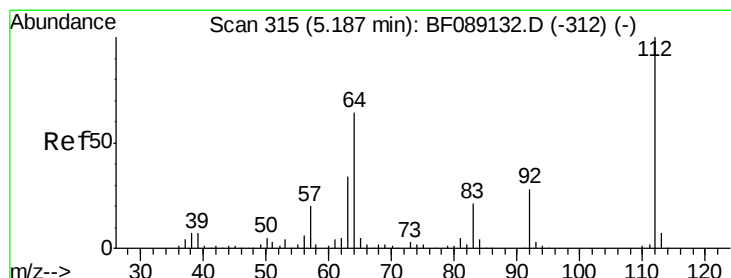
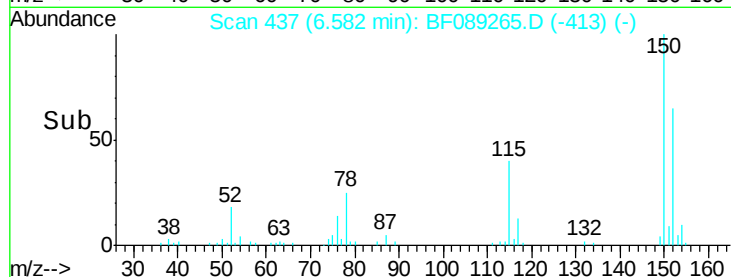
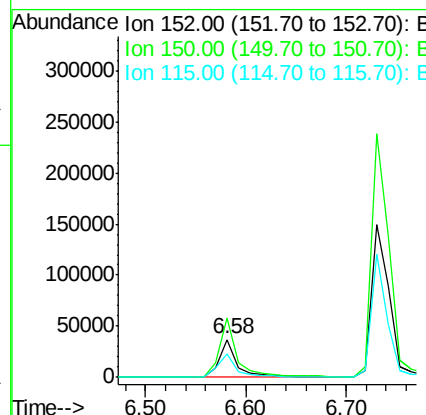
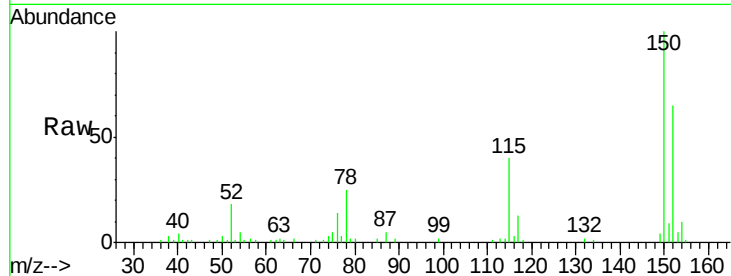




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

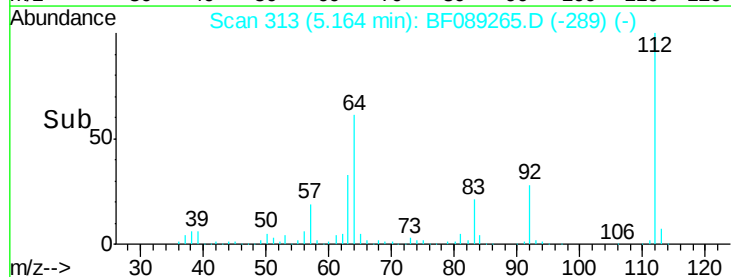
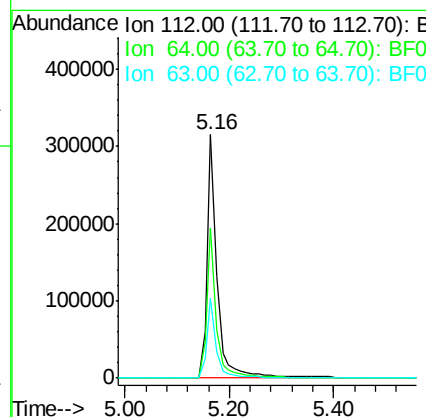
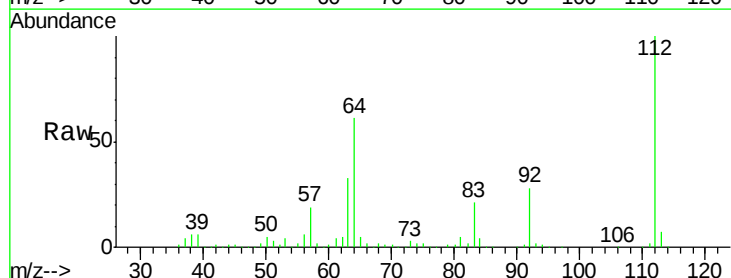
Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

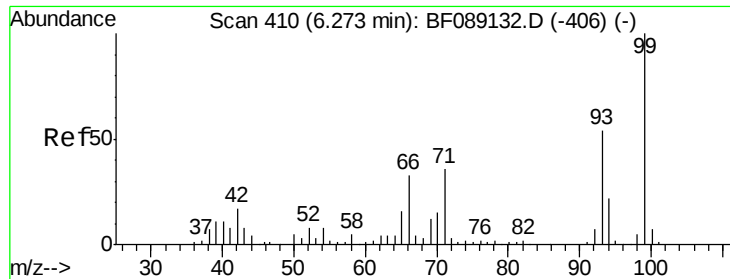
Tgt Ion:152 Resp: 46810
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.1 187.7
 115 62.1 51.1 76.7



#5
 2-Fluorophenol
 Concen: 139.34 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

Tgt Ion:112 Resp: 428852
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.0 76.4
 63 33.0 27.3 40.9





#7

Phenol-d6

Concen: 144.45 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089265.D

Acq: 24 Jul 2016 7:35

Instrument :

BNA_F

ClientSampleId :

KSB-17-8.0-10.0

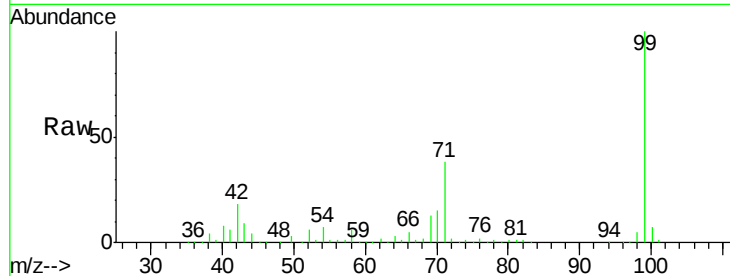
Tgt Ion: 99 Resp: 573350

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

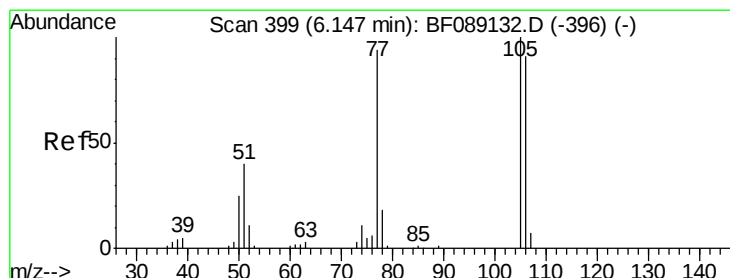
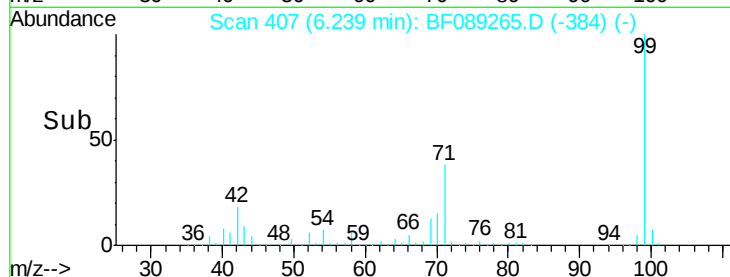
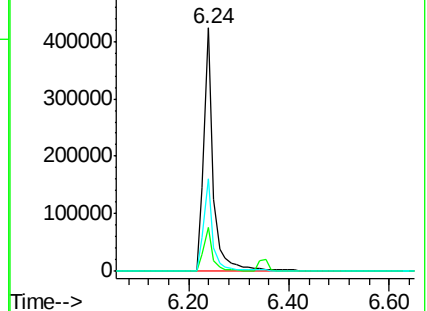
71 37.9 28.9 43.3



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



#9

Benzaldehyde

Concen: 4.12 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089265.D

Acq: 24 Jul 2016 7:35

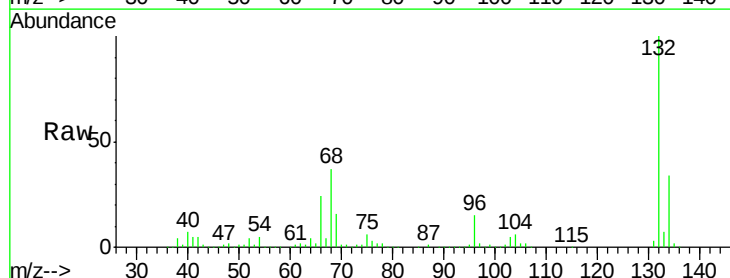
Tgt Ion: 77 Resp: 11293

Ion Ratio Lower Upper

77 100

105 87.3 86.2 126.2

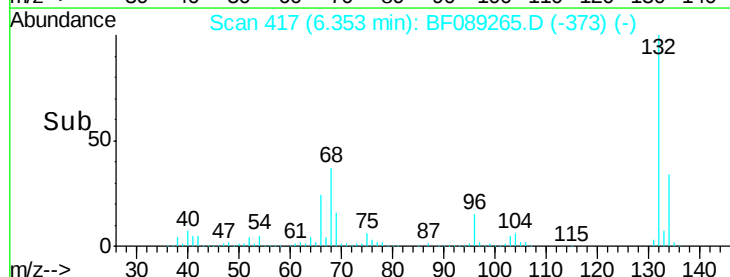
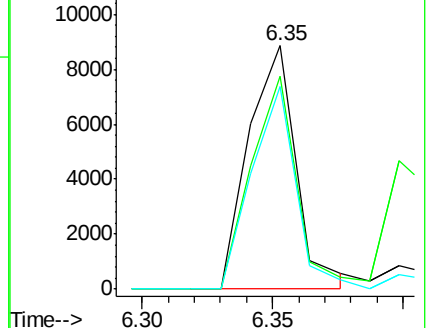
106 83.4 76.3 116.3

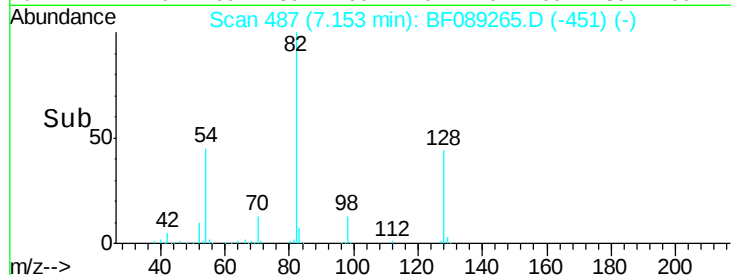
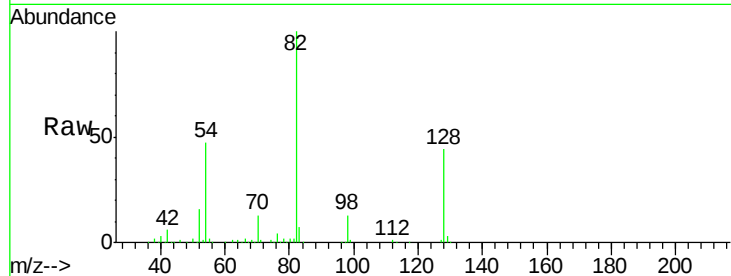
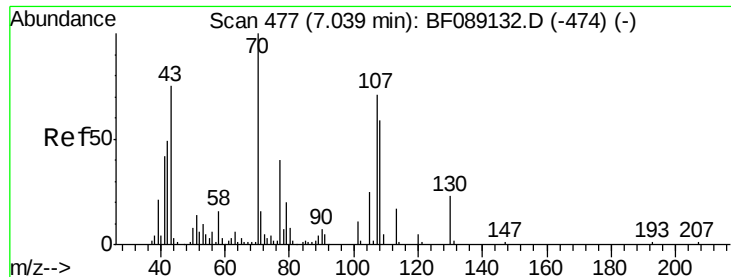


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

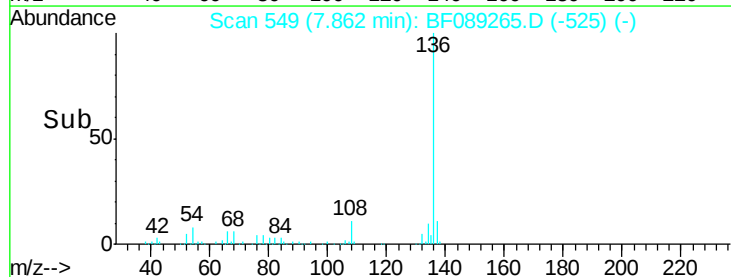
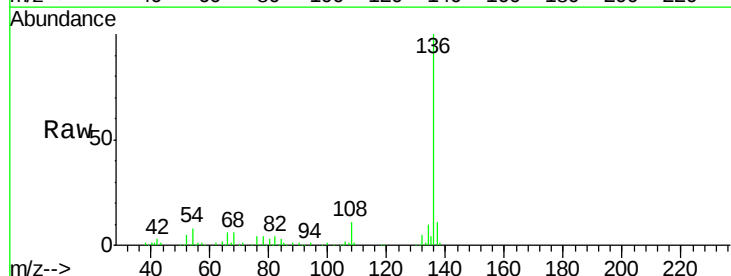
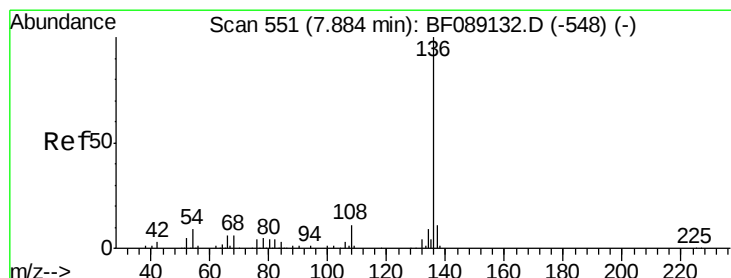
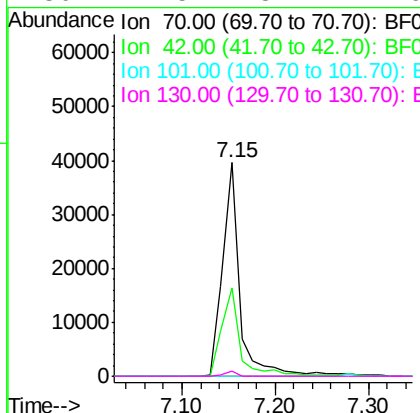




#19
n-Nitroso-di-n-propylamine
Concen: 19.42 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

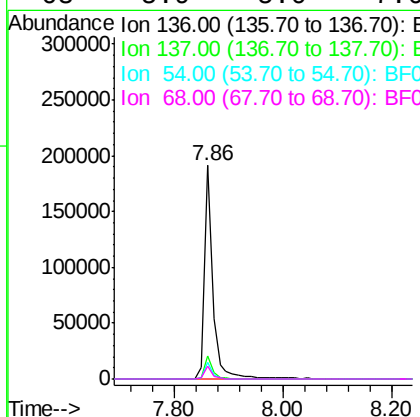
Instrument :
BNA_F
ClientSampleId :
KSB-17-8.0-10.0

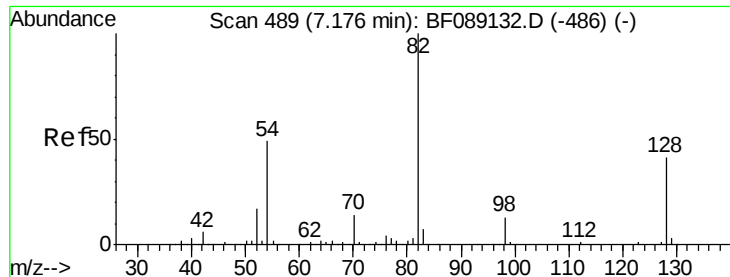
Tgt Ion: 70 Resp: 50419
Ion Ratio Lower Upper
70 100
42 41.4 39.2 58.8
101 0.0 8.5 12.7#
130 2.5 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Tgt Ion: 136 Resp: 203994
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.0 10.4
68 5.9 5.0 7.6

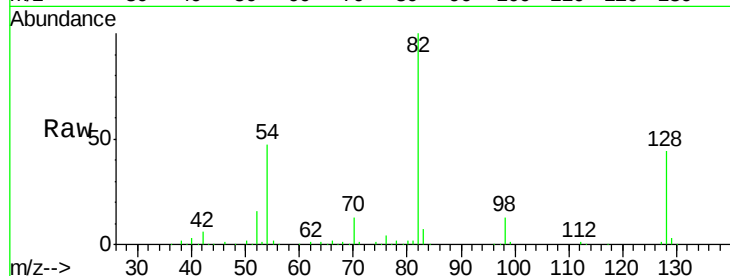




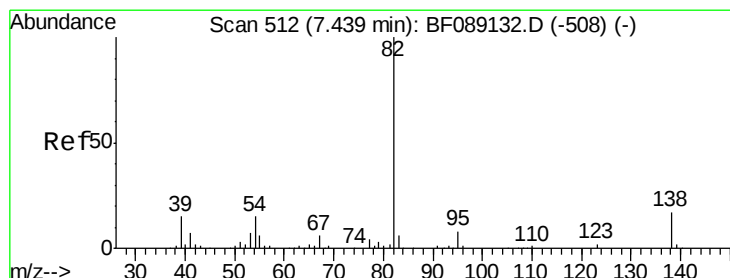
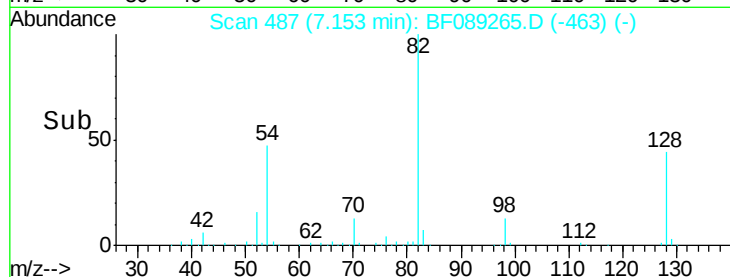
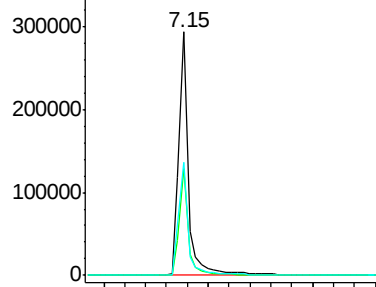
#23
Nitrobenzene-d5
Concen: 98.27 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Instrument :
BNA_F
ClientSampleId :
KSB-17-8.0-10.0

Tgt Ion: 82 Resp: 377268
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.6
54 46.7 39.0 58.4

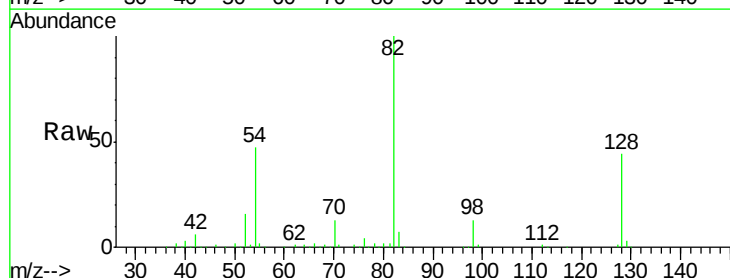


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

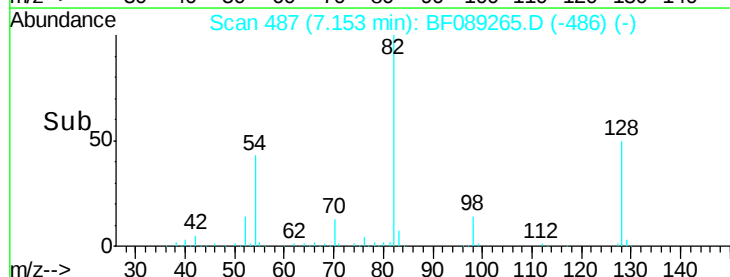
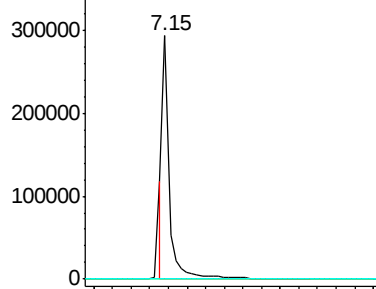


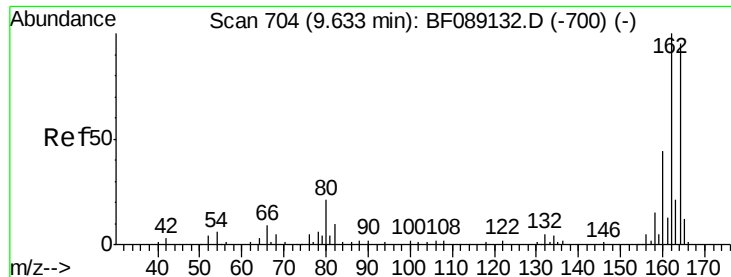
#25
Isophorone
Concen: 40.62 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Tgt Ion: 82 Resp: 287417
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

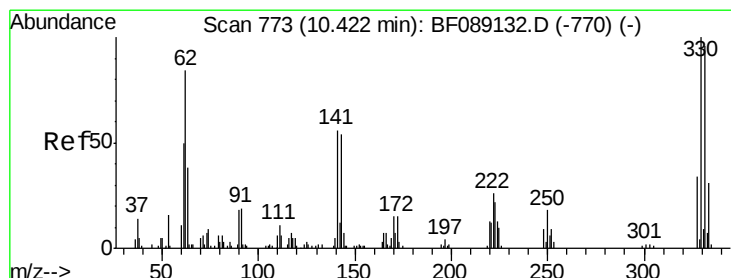
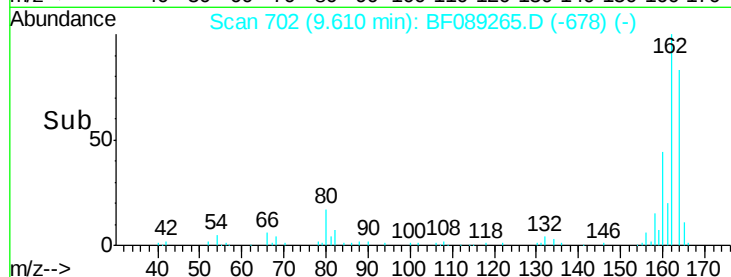
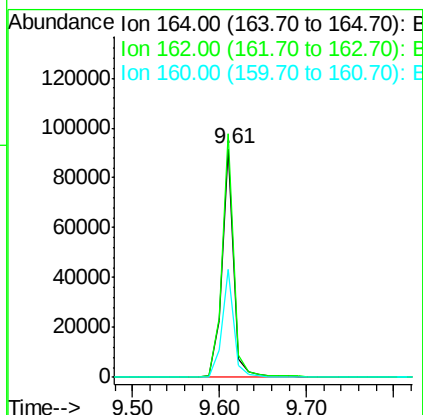
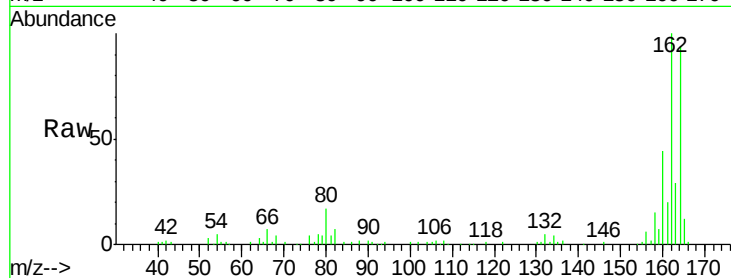




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

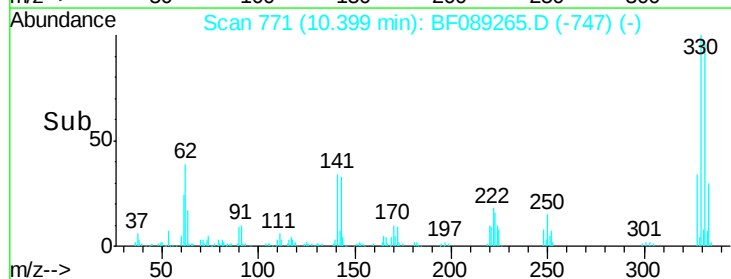
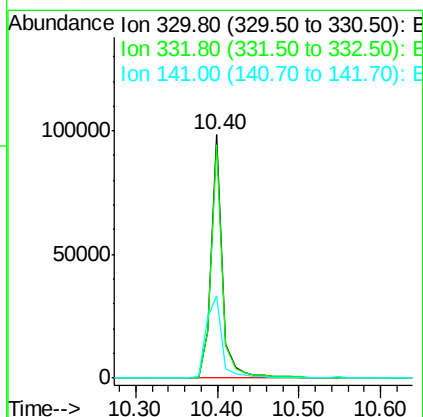
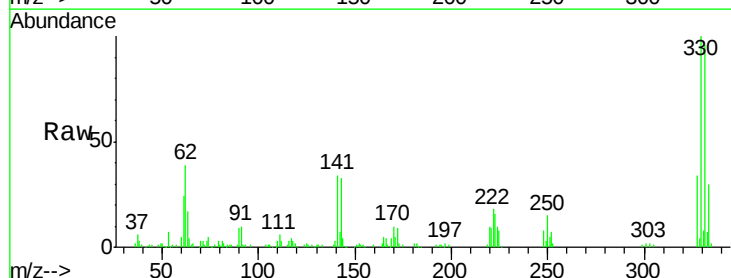
Instrument :
BNA_F
ClientSampleId :
KSB-17-8.0-10.0

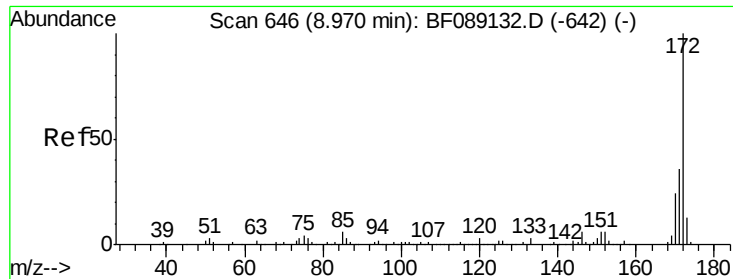
Tgt Ion:164 Resp: 87863
Ion Ratio Lower Upper
164 100
162 106.6 84.1 126.1
160 47.0 37.1 55.7



#41
2,4,6-Tribromophenol
Concen: 123.64 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Tgt Ion:330 Resp: 97807
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 47.4 42.2 63.2

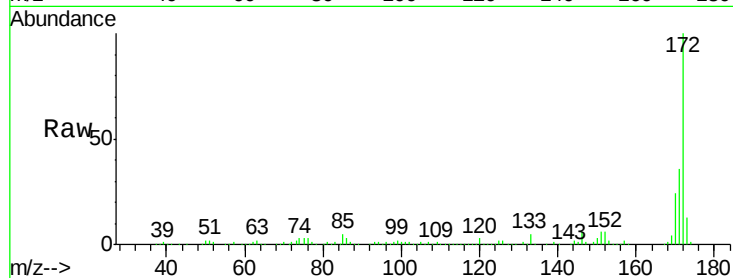




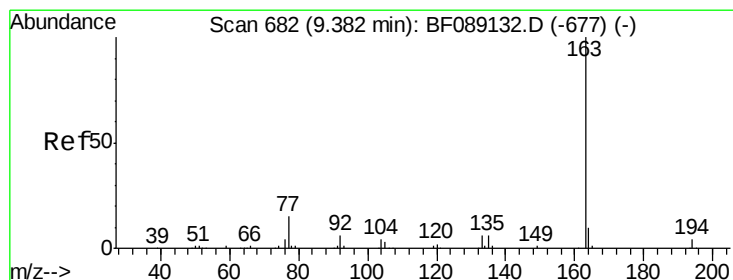
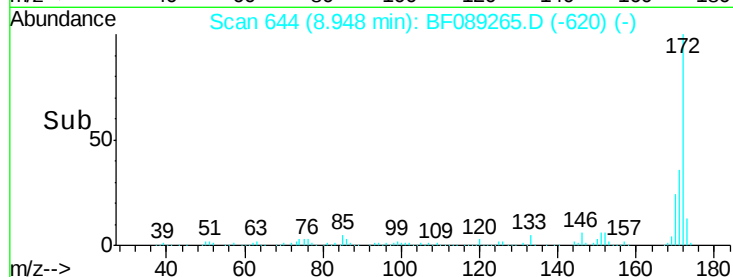
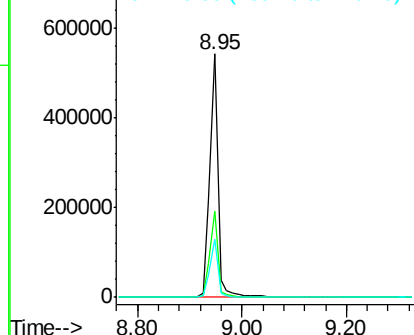
#44
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

Tgt Ion:172 Resp: 590494
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.6 19.1 28.7

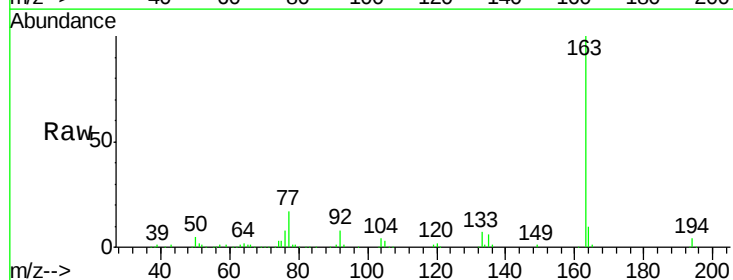


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

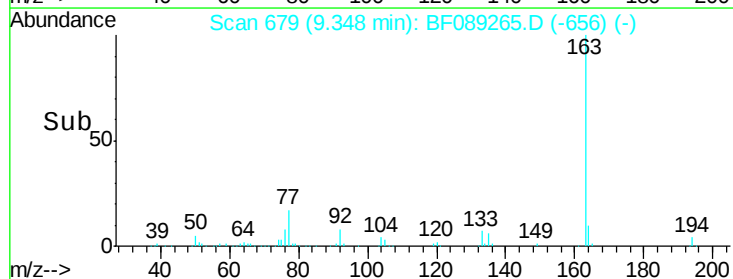
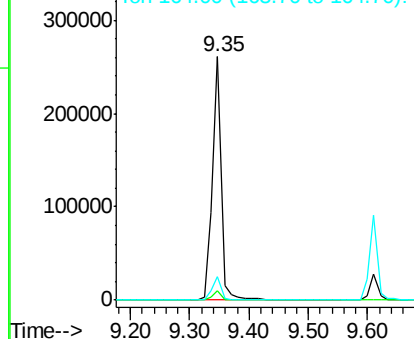


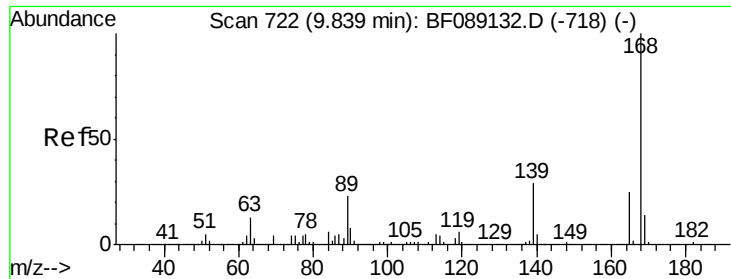
#49
 Dimethylphthalate
 Concen: 39.94 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

Tgt Ion:163 Resp: 269280
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.6 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

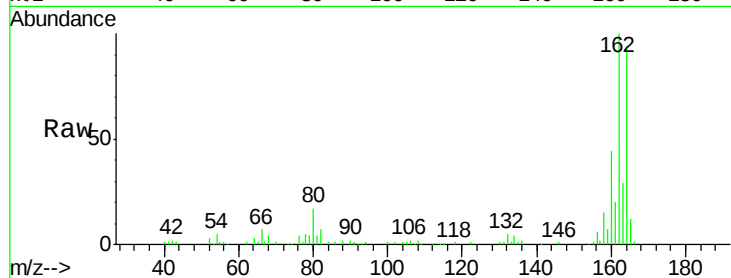




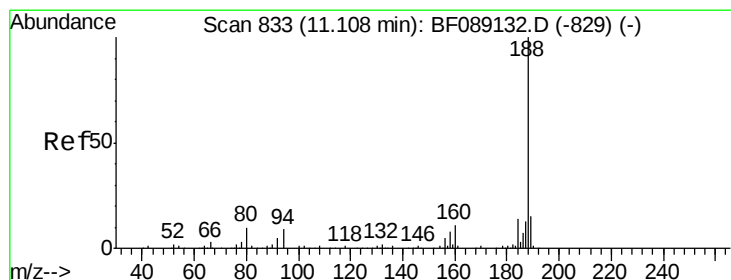
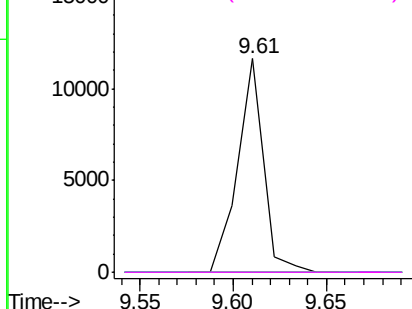
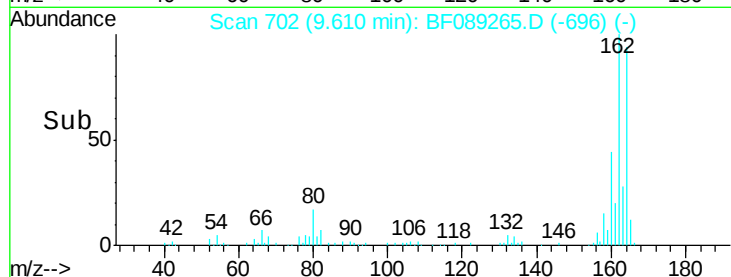
#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Instrument :
BNA_F
ClientSampleId :
KSB-17-8.0-10.0

Tgt Ion:165 Resp: 11283
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#

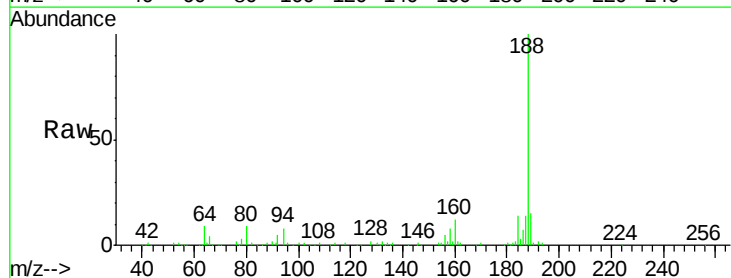


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

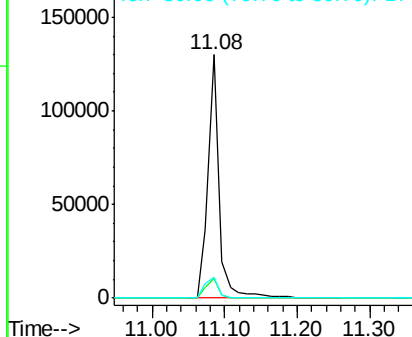
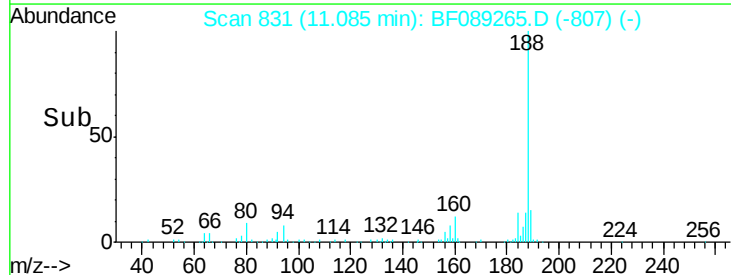


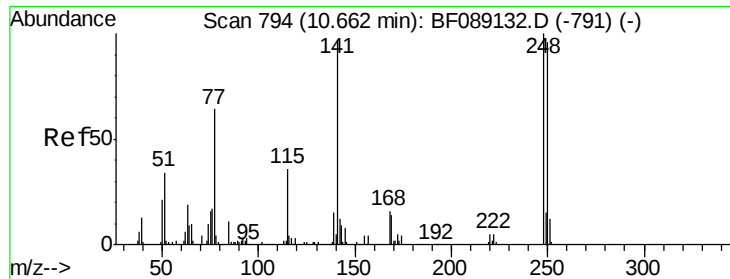
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089265.D
Acq: 24 Jul 2016 7:35

Tgt Ion:188 Resp: 139840
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.7 7.7 11.5



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





#66

4-Bromophenyl-phenylether

Concen: 5.41 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089265.D

Acq: 24 Jul 2016 7:35

Instrument :

BNA_F

ClientSampleId :

KSB-17-8.0-10.0

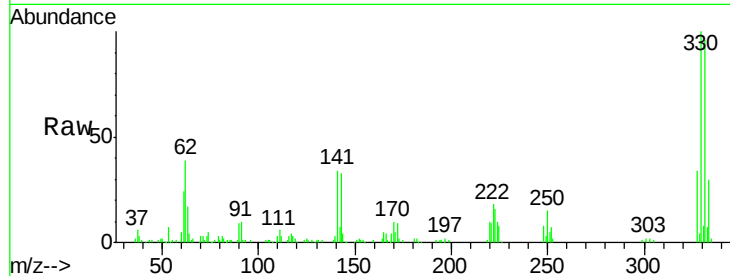
Tgt Ion:248 Resp: 7485

Ion Ratio Lower Upper

248 100

250 192.2 76.9 115.3#

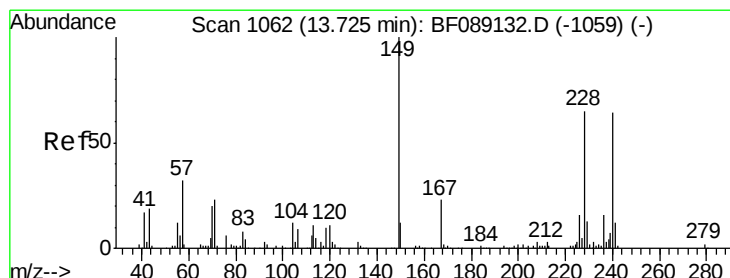
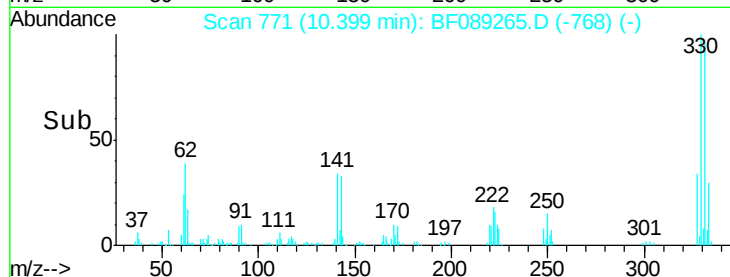
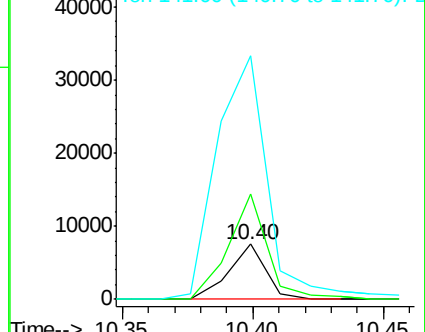
141 443.3 77.4 116.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089265.D

Acq: 24 Jul 2016 7:35

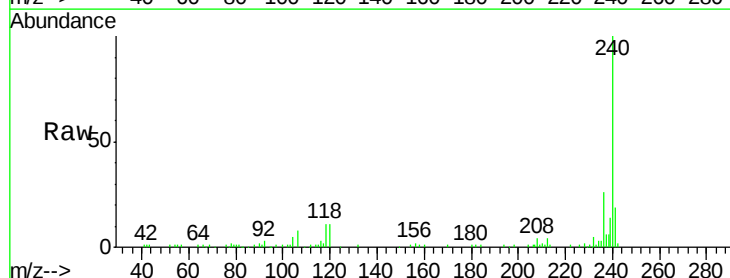
Tgt Ion:240 Resp: 92876

Ion Ratio Lower Upper

240 100

120 11.3 13.6 20.4#

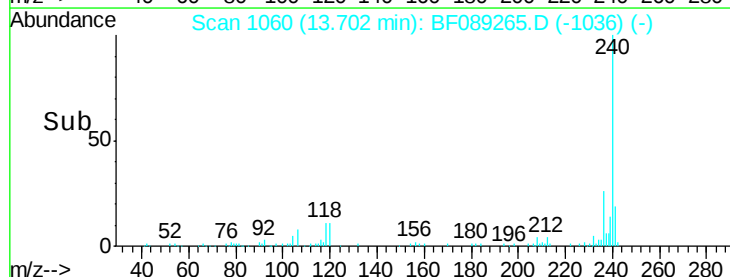
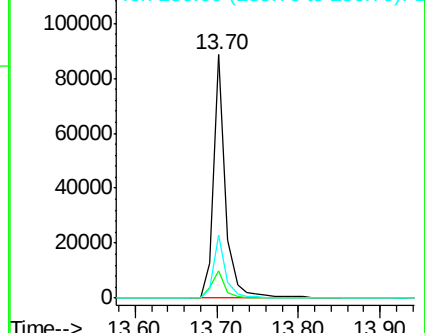
236 26.0 20.5 30.7

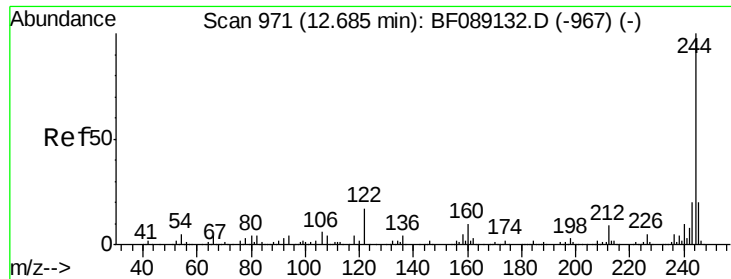


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

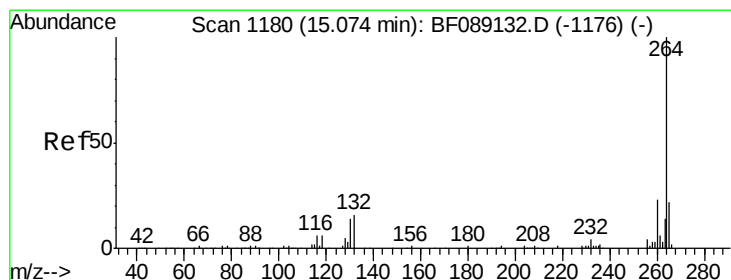
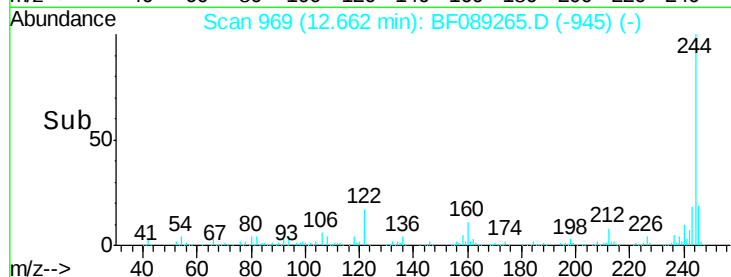
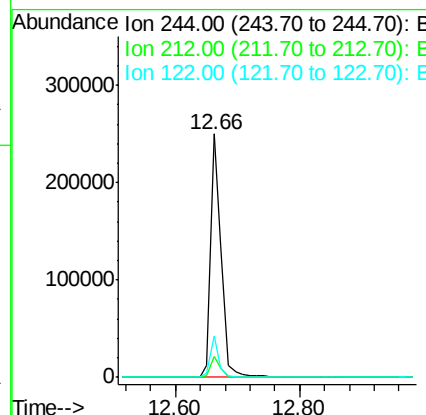
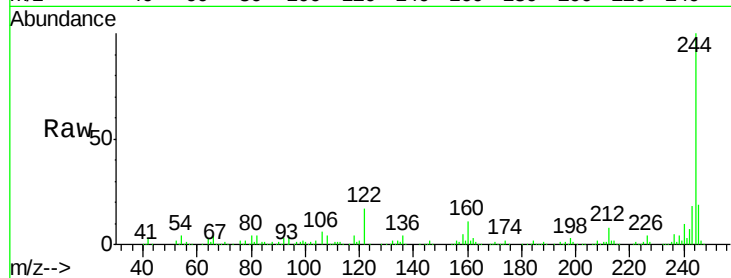




#78
 Terphenyl-d14
 Concen: 68.63 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

Tgt Ion:244 Resp: 293872
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.4
 122 17.1 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089265.D
 Acq: 24 Jul 2016 7:35

Tgt Ion:264 Resp: 89442
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 21.2 17.3 25.9

