

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089240.D
 Acq On : 23 Jul 2016 16:37
 Operator : UM/SJ
 Sample : H4129-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-8.0-10.0

Quant Time: Jul 25 01:09:54 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

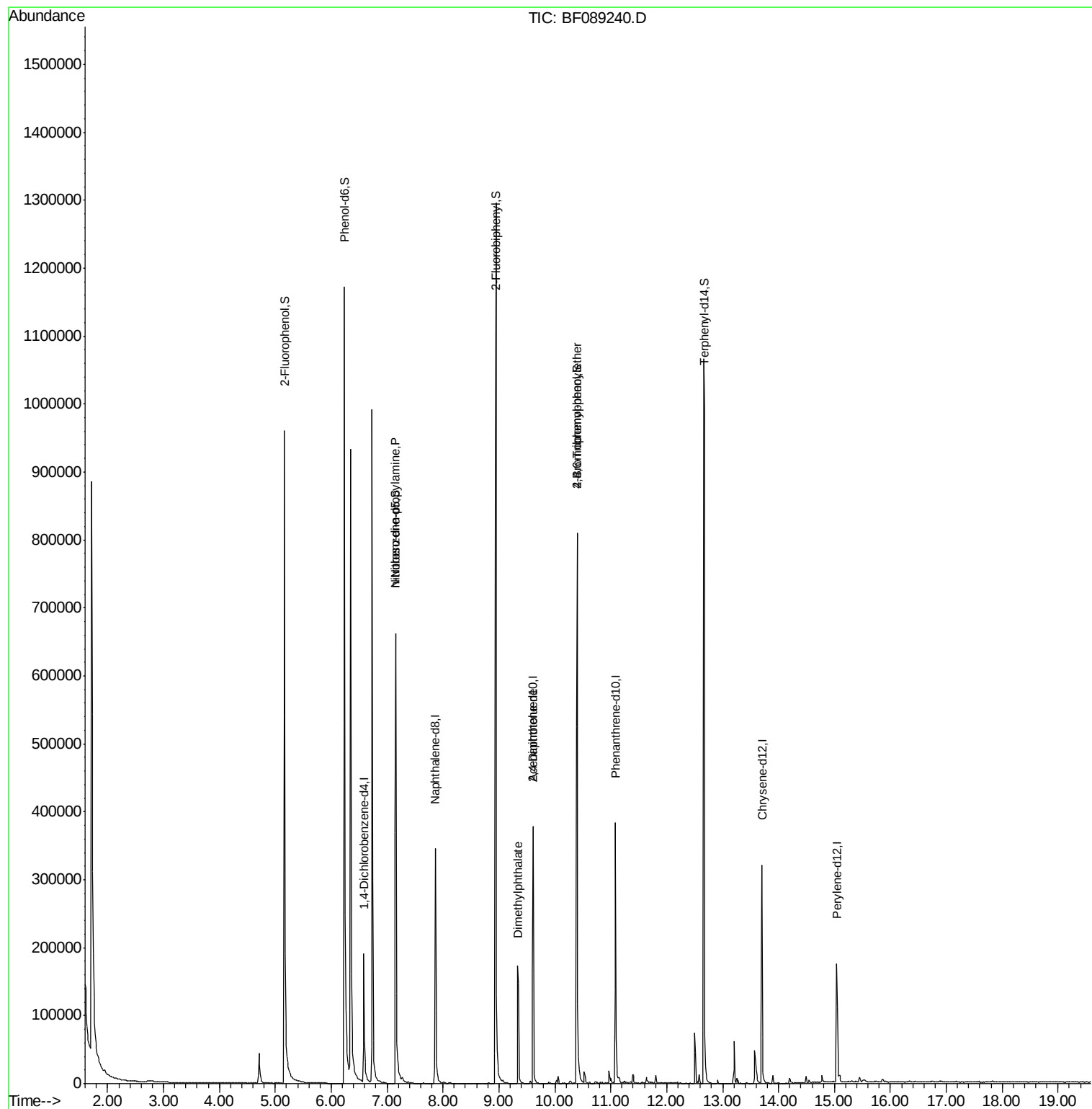
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45255	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	198809	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	91876	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	180537	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	126445	20.00	ng	-0.02
86) Perylene-d12	15.04	264	88154	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	417108	140.18	ng	-0.02
7) Phenol-d6	6.24	99	575814	150.06	ng	-0.03
23) Nitrobenzene-d5	7.15	82	341911	91.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	118603	143.38	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	609368	91.38	ng	-0.02
78) Terphenyl-d14	12.67	244	508277	87.19	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	490	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	44755	17.83	ng	# 78
49) Dimethylphthalate	9.35	163	116545	16.53	ng	100
56) 2,4-Dinitrotoluene	9.61	165	11195	5.46	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9052	5.07	ng	# 1

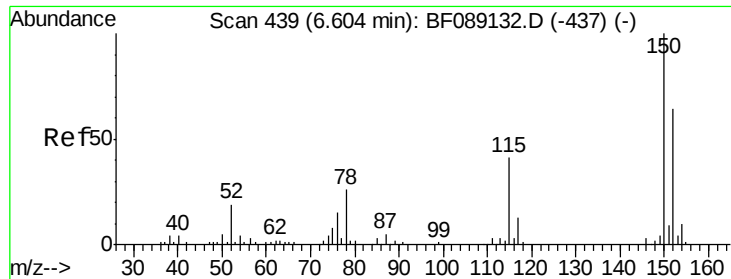
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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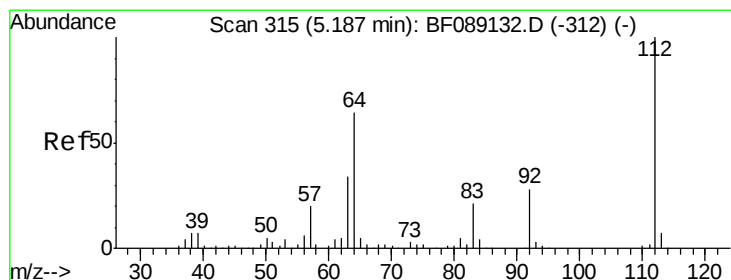
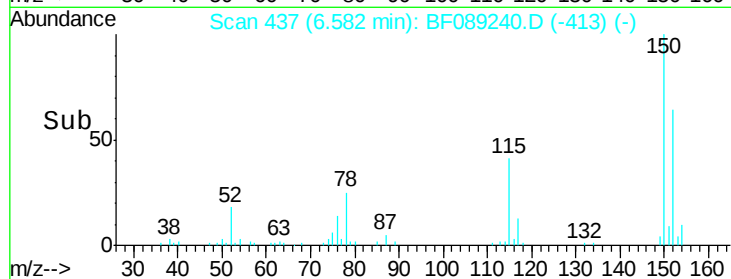
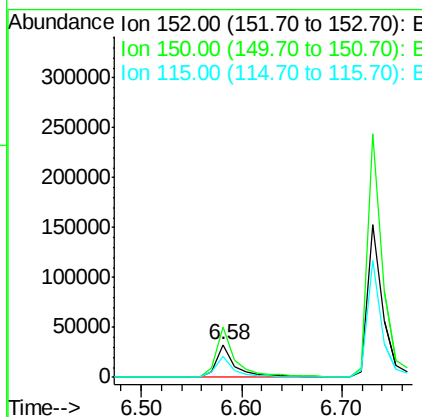
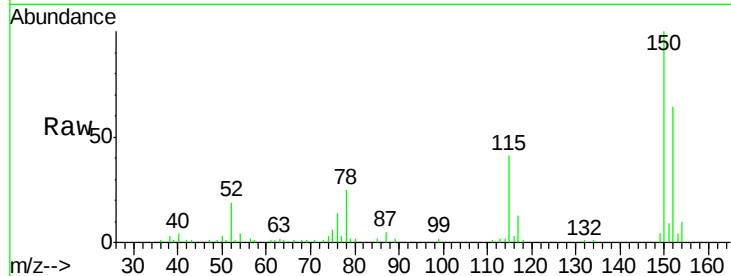




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

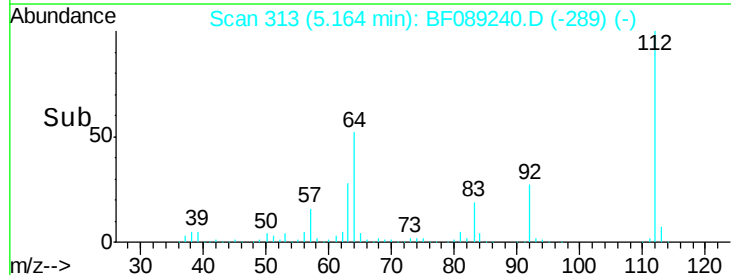
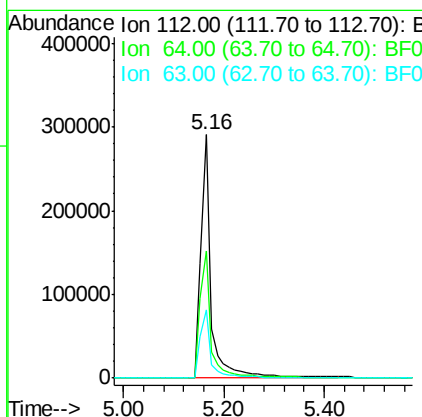
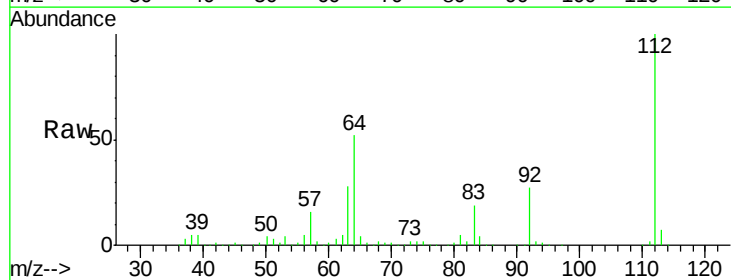
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-8.0-10.0

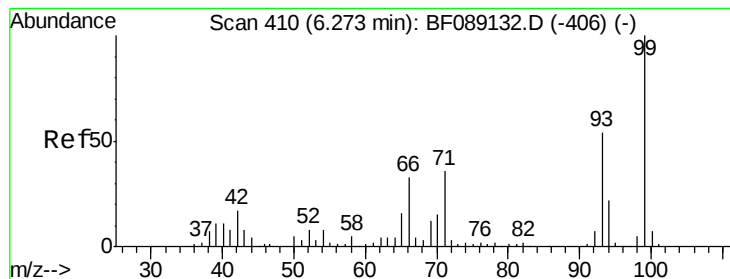
Tgt Ion:152 Resp: 45255
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.1 187.7
 115 63.5 51.1 76.7



#5
 2-Fluorophenol
 Concen: 140.18 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Tgt Ion:112 Resp: 417108
 Ion Ratio Lower Upper
 112 100
 64 52.4 51.0 76.4
 63 28.3 27.3 40.9





#7

Phenol-d6

Concen: 150.06 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

Instrument :

BNA_F

ClientSampleId :

KSB-10-8.0-10.0

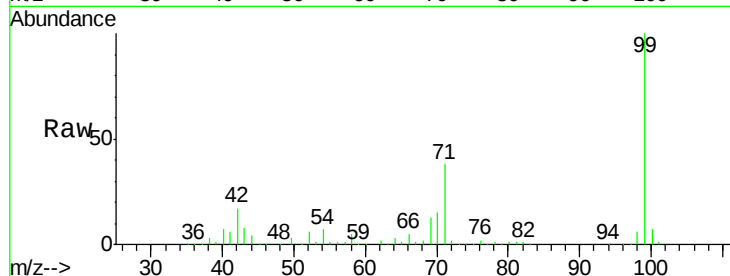
Tgt Ion: 99 Resp: 575814

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 37.7 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

500000

400000

300000

200000

100000

0

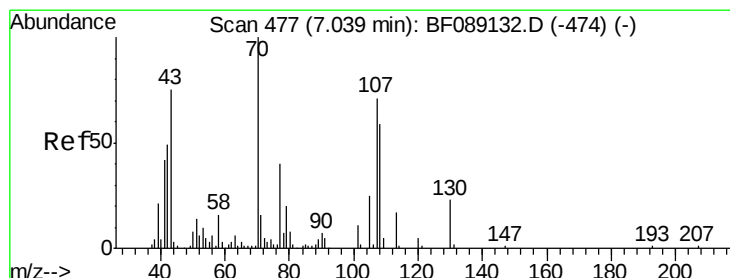
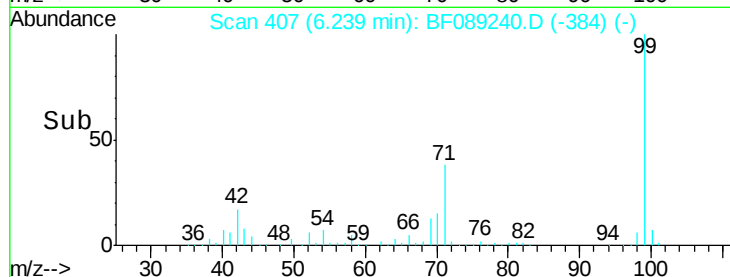
6.24

6.20

6.40

6.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.83 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

Tgt Ion: 70 Resp: 44755

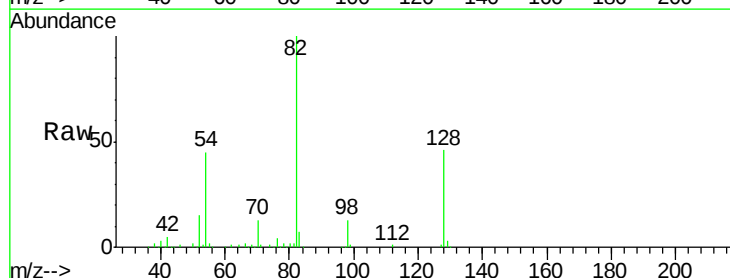
Ion Ratio Lower Upper

70 100

42 41.4 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

40000

30000

20000

10000

0

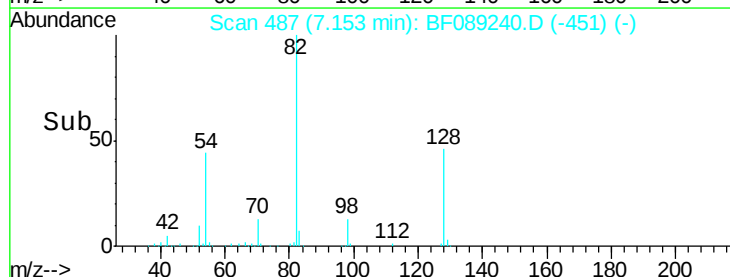
7.15

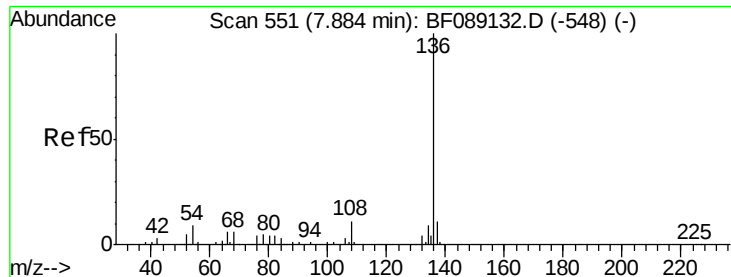
7.10

7.20

7.30

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

Instrument :

BNA_F

ClientSampleId :

KSB-10-8.0-10.0

Tgt Ion:136 Resp: 198809

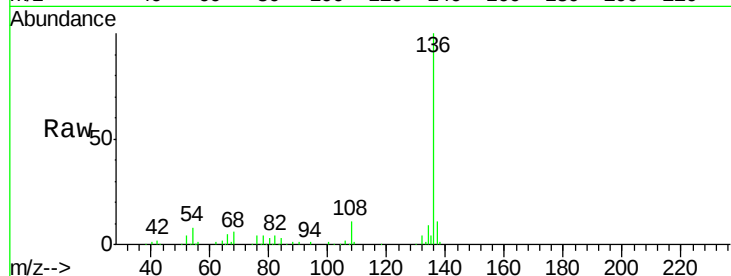
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 7.0 10.4

68 5.9 5.0 7.6

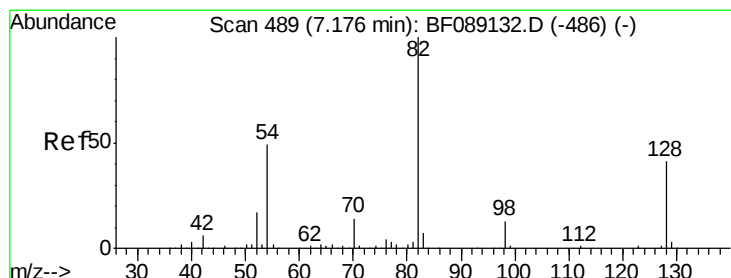
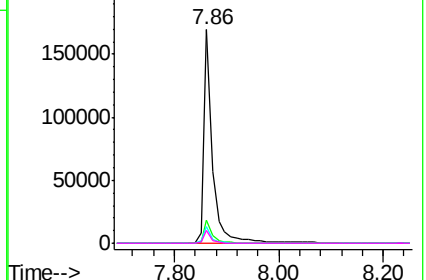
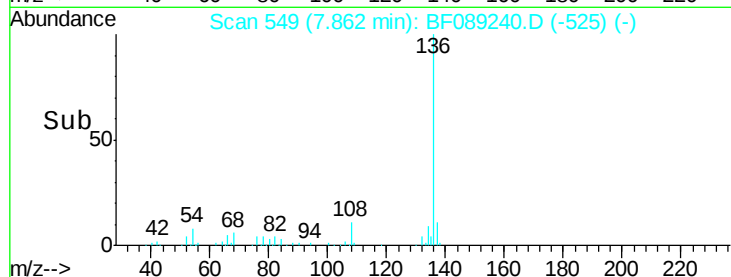


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.38 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

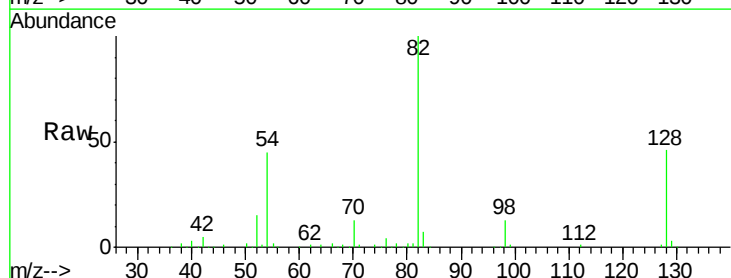
Tgt Ion: 82 Resp: 341911

Ion Ratio Lower Upper

82 100

128 46.4 33.0 49.6

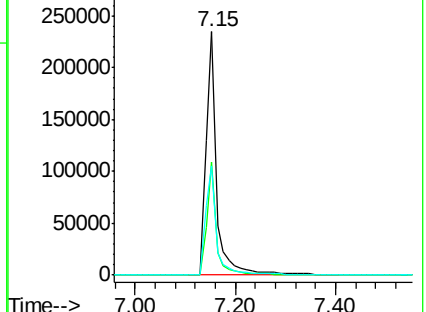
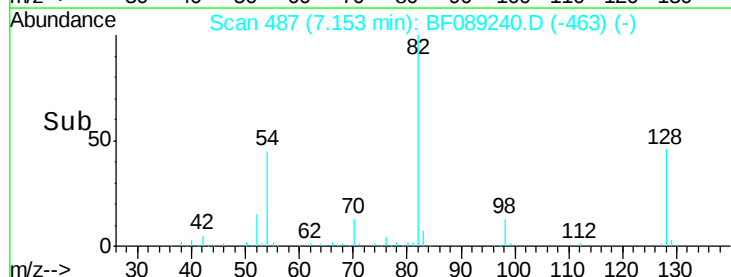
54 44.7 39.0 58.4

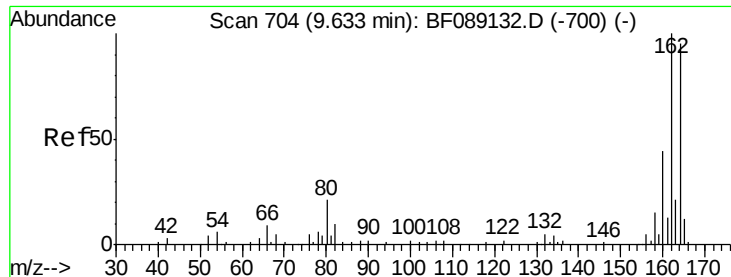


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

Instrument :

BNA_F

ClientSampleId :

KSB-10-8.0-10.0

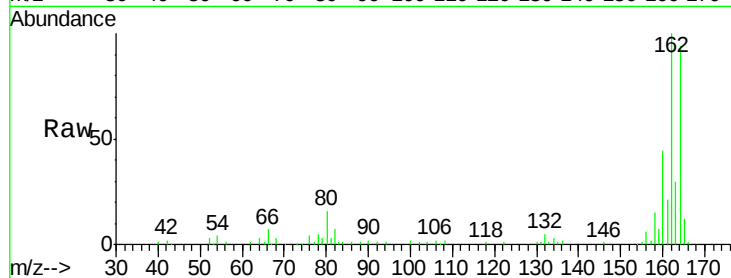
Tgt Ion:164 Resp: 91876

Ion Ratio Lower Upper

164 100

162 106.7 84.1 126.1

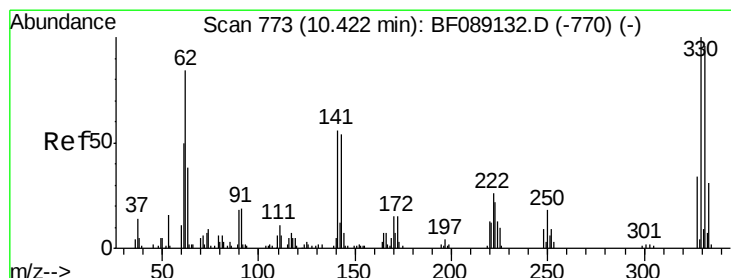
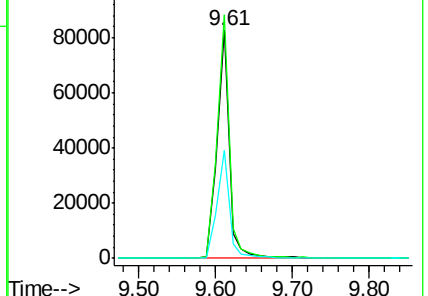
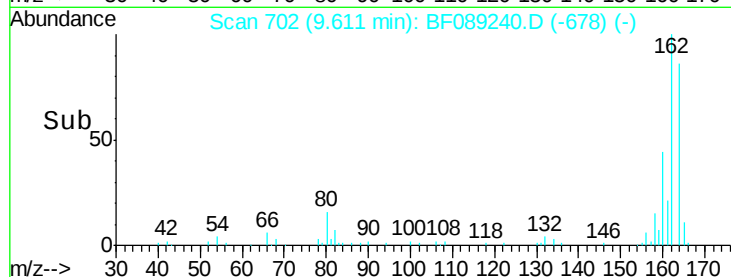
160 47.5 37.1 55.7



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: 143.38 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089240.D

Acq: 23 Jul 2016 16:37

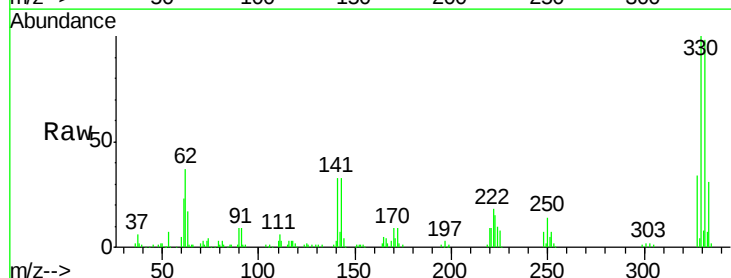
Tgt Ion:330 Resp: 118603

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

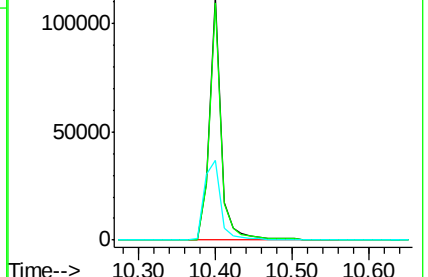
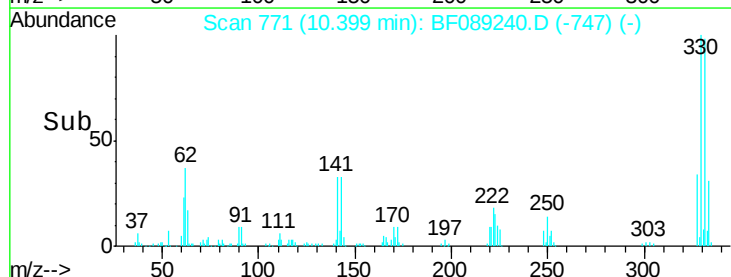
141 46.2 42.2 63.2

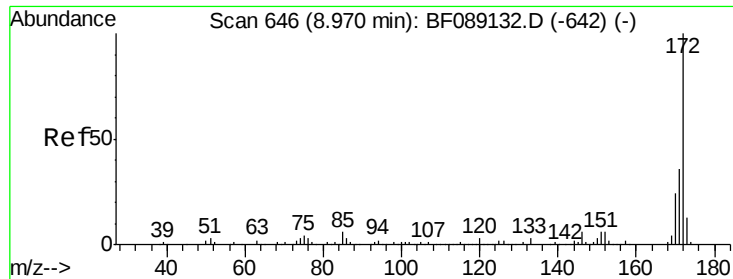


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

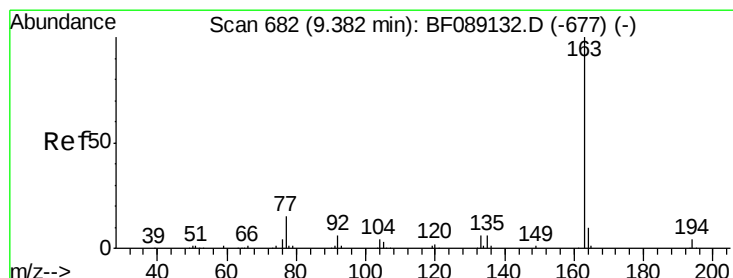
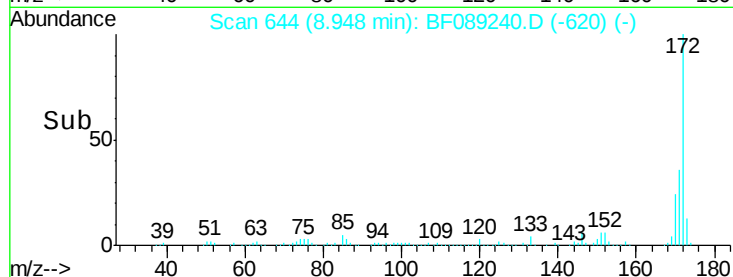
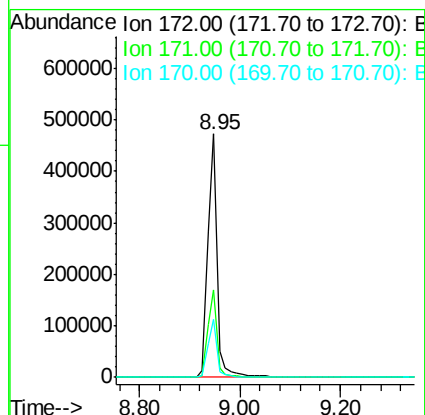
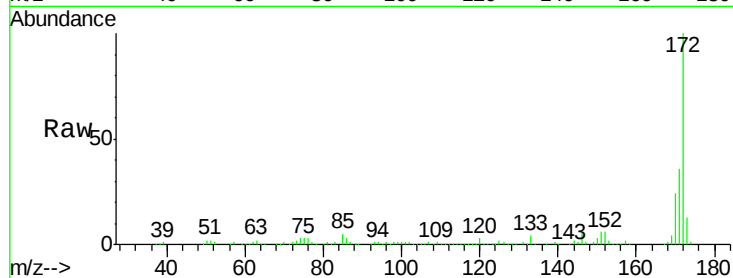




#44
 2-Fluorobiphenyl
 Concen: 91.38 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

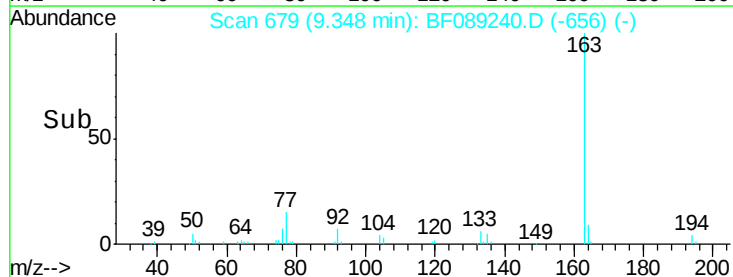
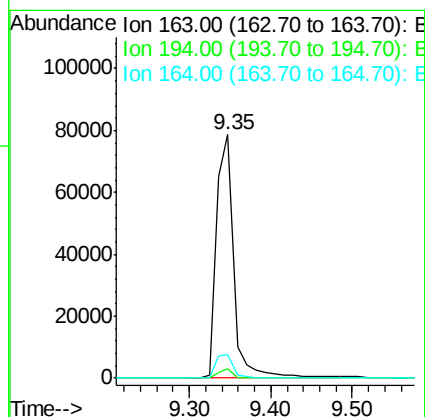
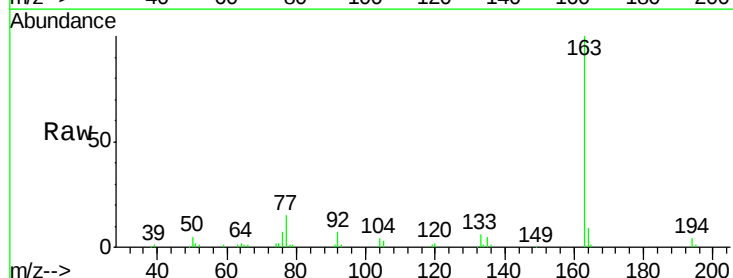
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-8.0-10.0

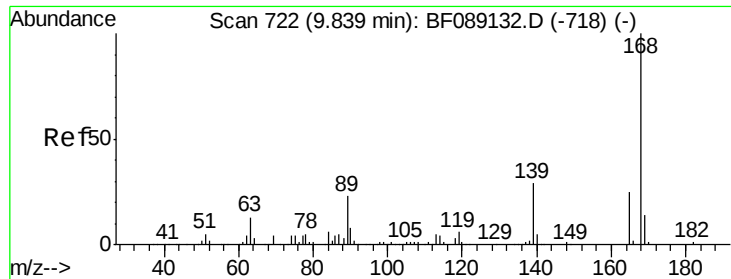
Tgt Ion:172 Resp: 609368
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.1 28.7



#49
 Dimethylphthalate
 Concen: 16.53 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Tgt Ion:163 Resp: 116545
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 9.4 7.6 11.4

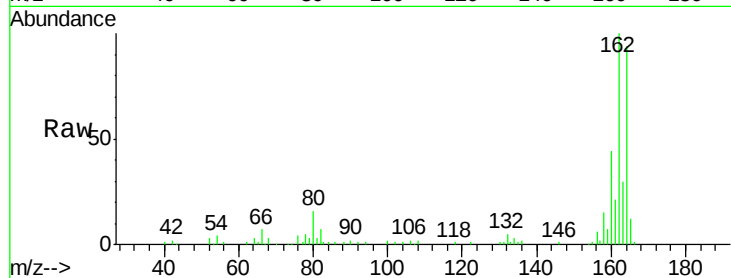




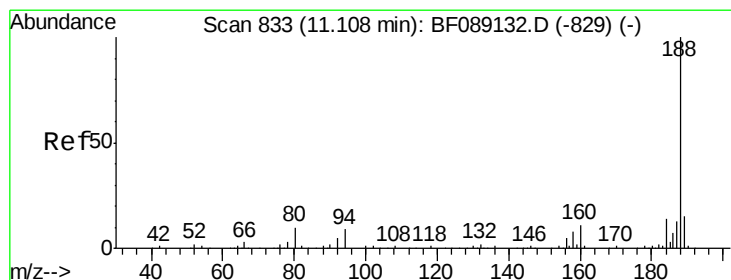
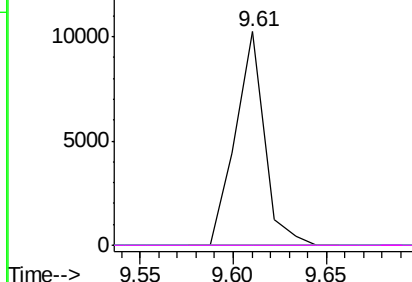
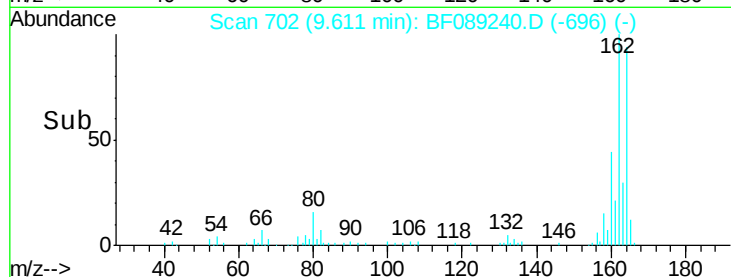
#56
 2,4-Dinitrotoluene
 Concen: 5.46 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-8.0-10.0

Tgt Ion:165 Resp: 11195
 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#

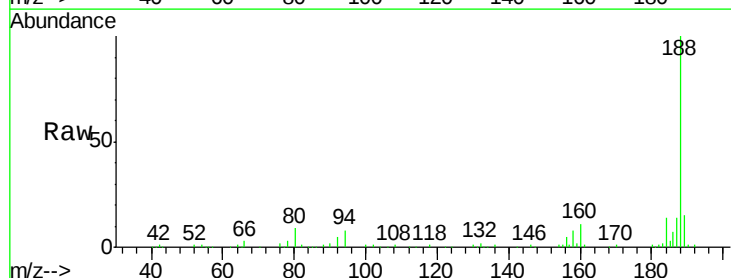


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

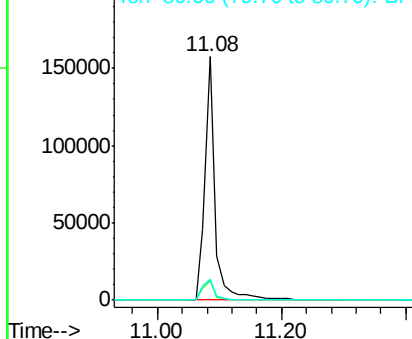
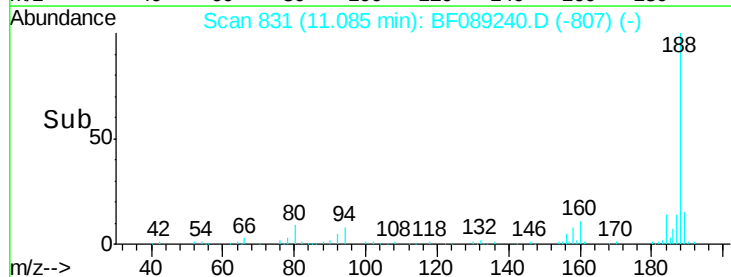


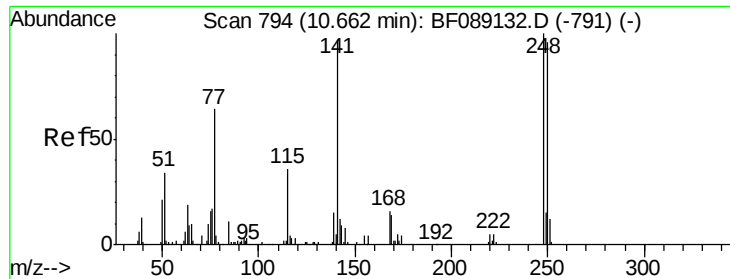
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Tgt Ion:188 Resp: 180537
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 8.8 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

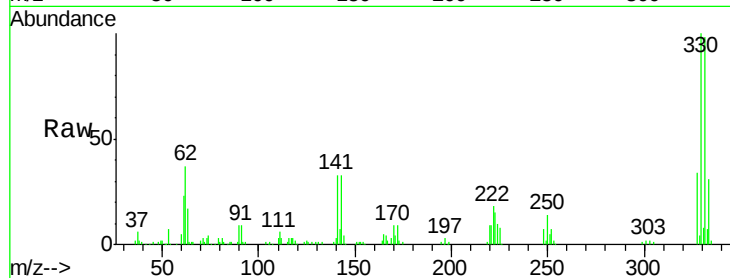




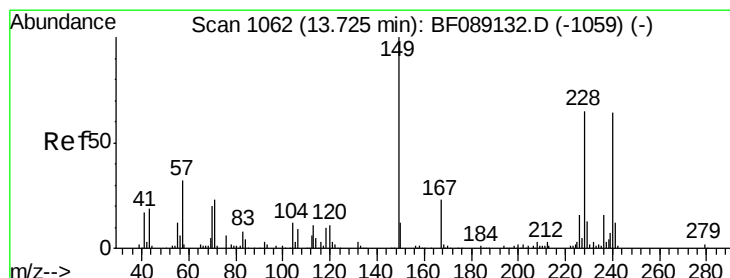
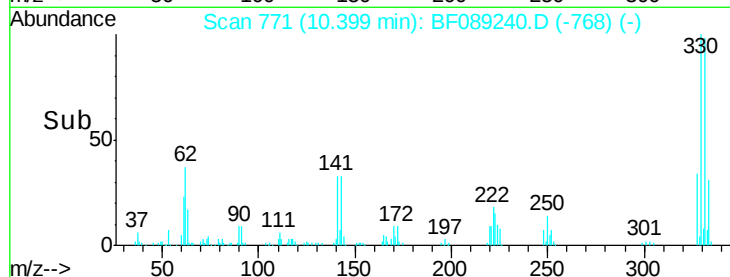
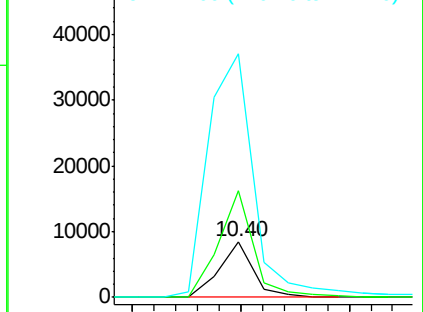
#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089240.D
Acq: 23 Jul 2016 16:37

Instrument :
BNA_F
ClientSampleId :
KSB-10-8.0-10.0

Tgt Ion:248 Resp: 9052
Ion Ratio Lower Upper
248 100
250 192.1 76.9 115.3#
141 439.1 77.4 116.2#

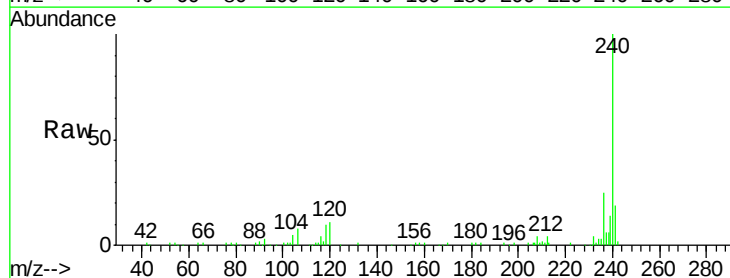


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

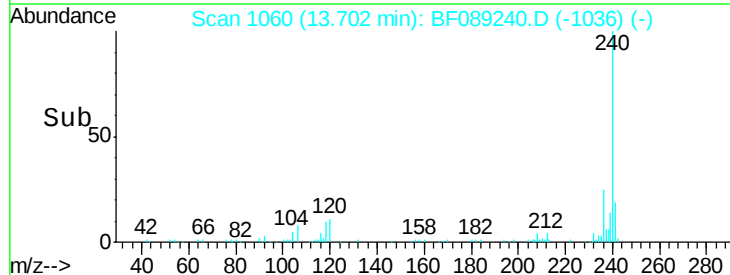
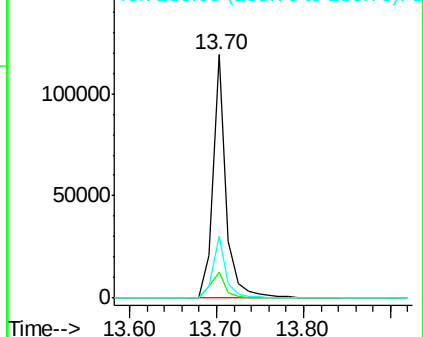


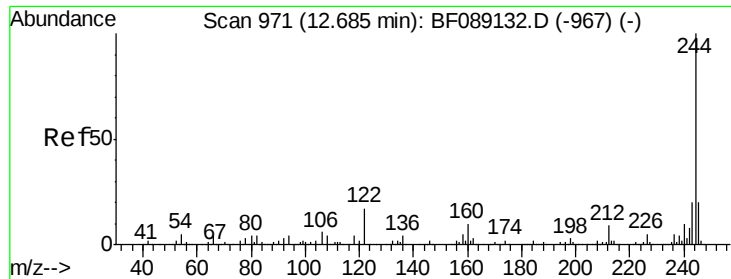
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089240.D
Acq: 23 Jul 2016 16:37

Tgt Ion:240 Resp: 126445
Ion Ratio Lower Upper
240 100
120 10.8 13.6 20.4#
236 25.4 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

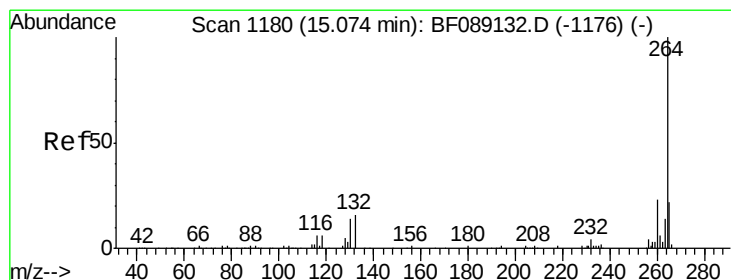
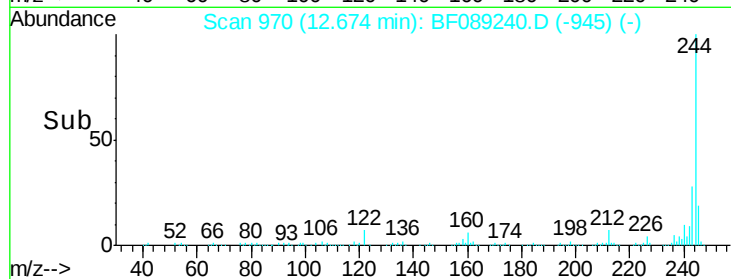
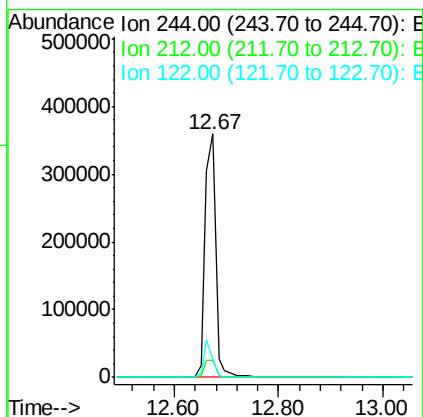
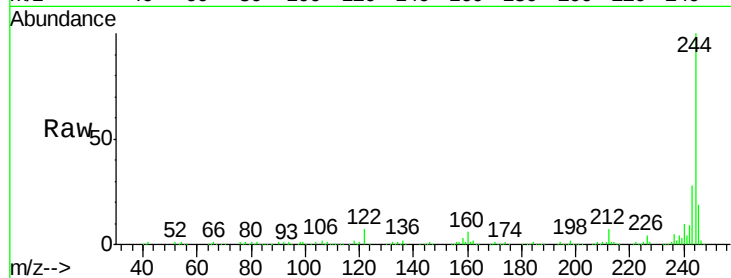




#78
 Terphenyl-d14
 Concen: 87.19 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-8.0-10.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.0	10.4
122	7.3	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089240.D
 Acq: 23 Jul 2016 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.2	17.3	25.9

