

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089182.D
 Acq On : 21 Jul 2016 16:12
 Operator : UM/SJ
 Sample : H4112-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Quant Time: Jul 22 01:10:02 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

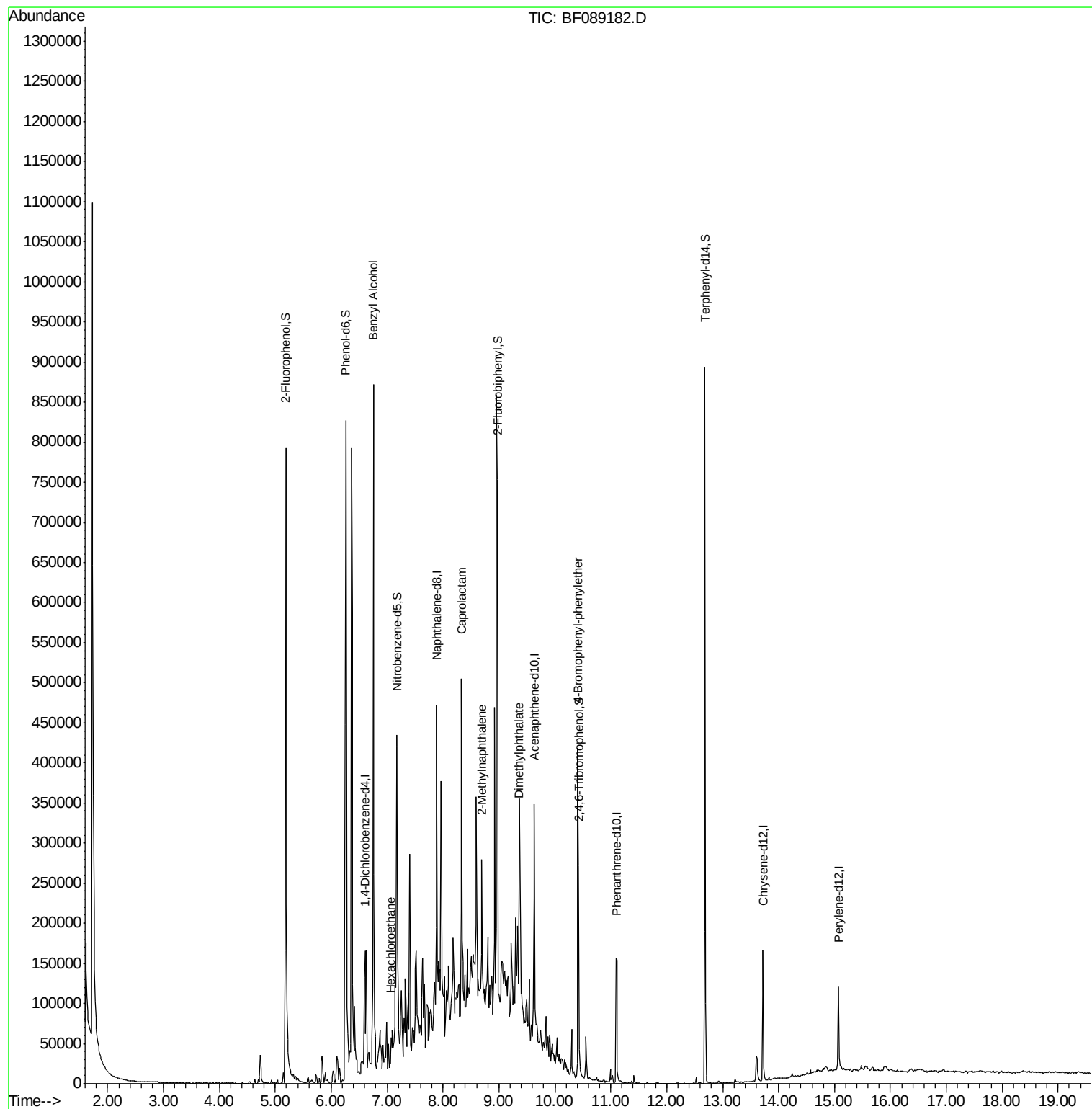
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	35231	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	150281	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	60292	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	95396	20.00	ng	0.00
75) Chrysene-d12	13.73	240	71073	20.00	ng	0.00
86) Perylene-d12	15.07	264	60386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	303016	130.81	ng	0.00
7) Phenol-d6	6.26	99	429150	143.66	ng	-0.01
23) Nitrobenzene-d5	7.18	82	240526	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	54304	100.04	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	378225	86.43	ng	0.00
78) Terphenyl-d14	12.68	244	264910	80.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.15	77	483	Below Cal	#	1
15) Benzyl Alcohol	6.75	79	5076	2.32 ng	#	53
18) Hexachloroethane	7.07	117	2560	2.38 ng	#	1
35) Caprolactam	8.33	113	11178	17.04 ng	#	57
37) 2-Methylnaphthalene	8.70	142	48667	9.41 ng		95
49) Dimethylphthalate	9.36	163	93744	20.26 ng		98
66) 4-Bromophenyl-phenylether	10.41	248	4014	4.25 ng	#	1

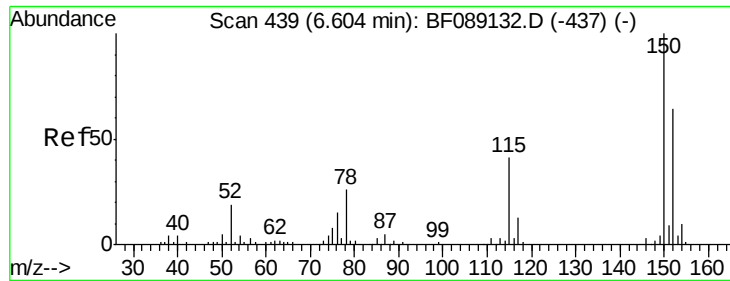
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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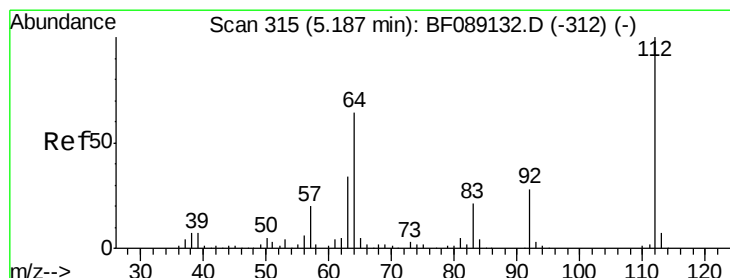
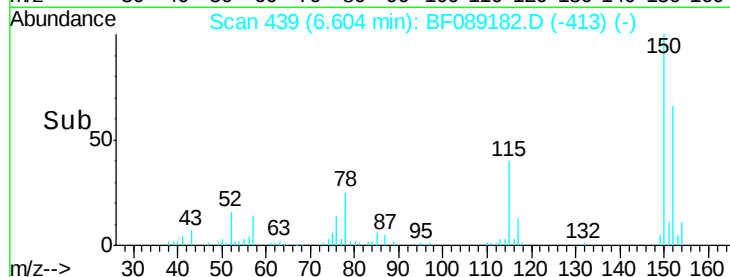
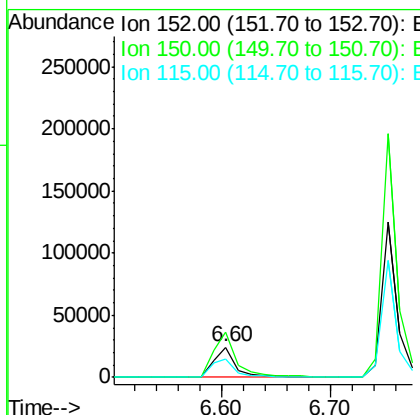
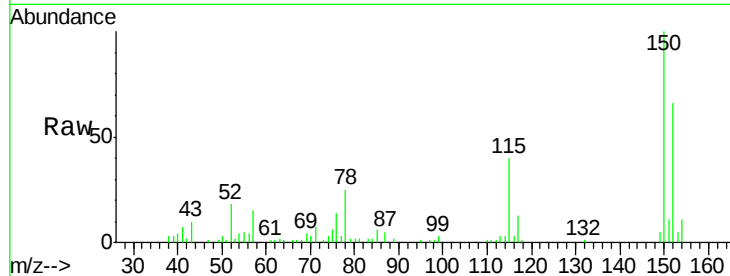




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

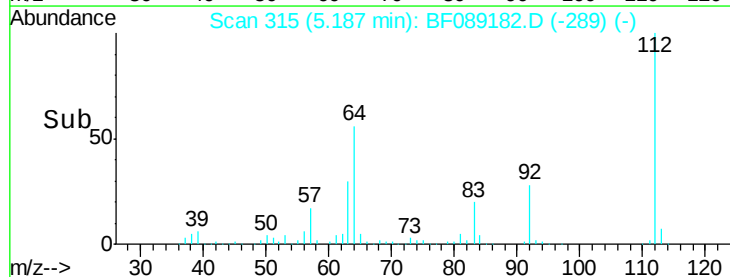
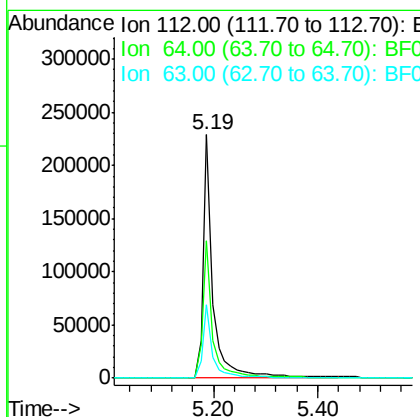
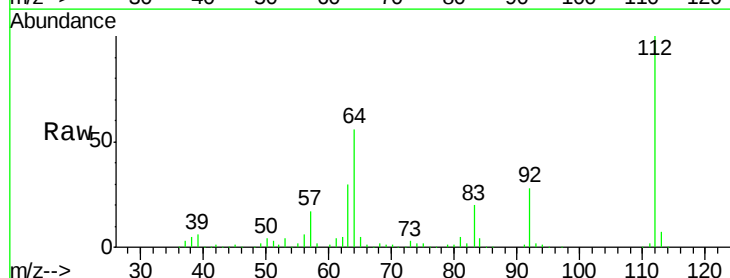
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

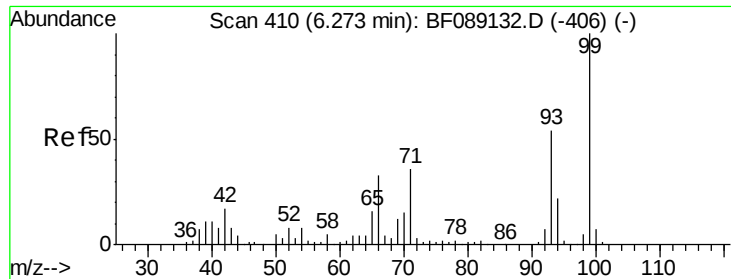
Tgt Ion:152 Resp: 35231
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.1 187.7
 115 60.6 51.1 76.7



#5
 2-Fluorophenol
 Concen: 130.81 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

Tgt Ion:112 Resp: 303016
 Ion Ratio Lower Upper
 112 100
 64 56.5 51.0 76.4
 63 30.2 27.3 40.9





#7

Phenol-d6

Concen: 143.66 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

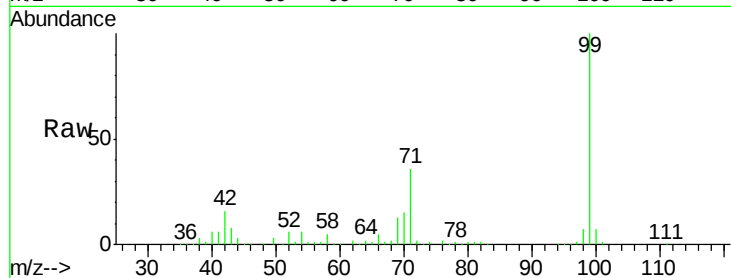
Tgt Ion: 99 Resp: 429150

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

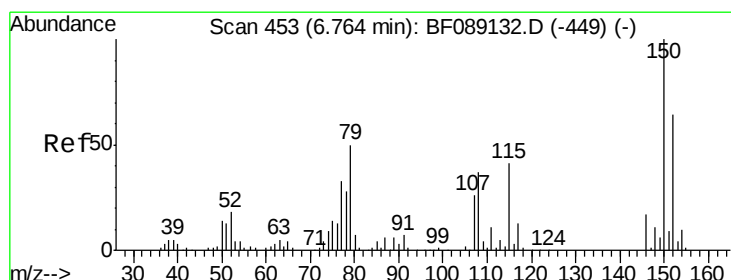
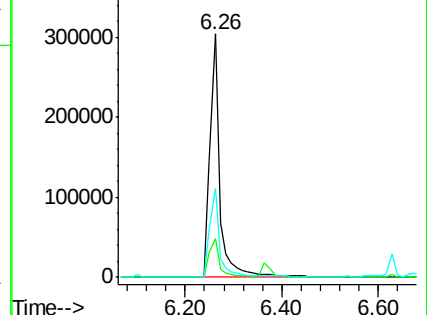
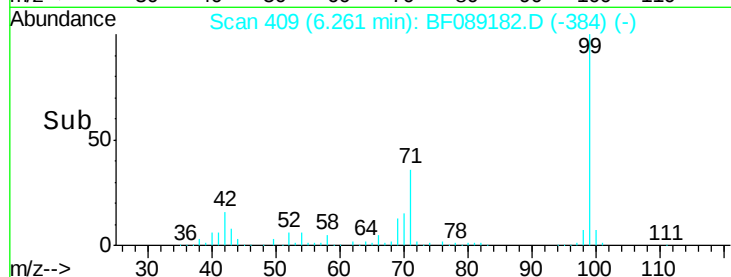
71 36.3 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

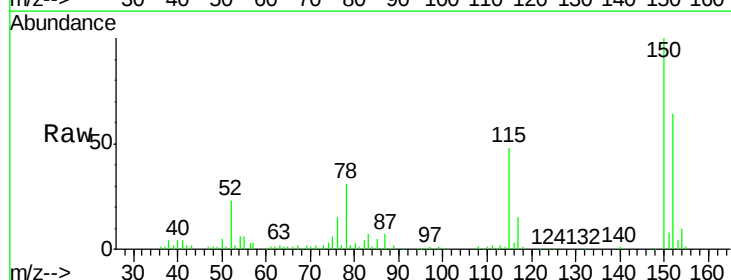
Tgt Ion: 79 Resp: 5076

Ion Ratio Lower Upper

79 100

108 25.4 58.2 87.4#

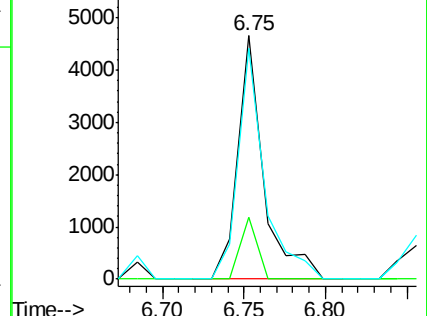
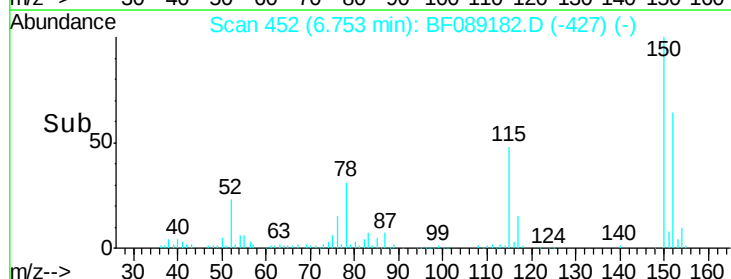
77 94.5 52.2 78.4#

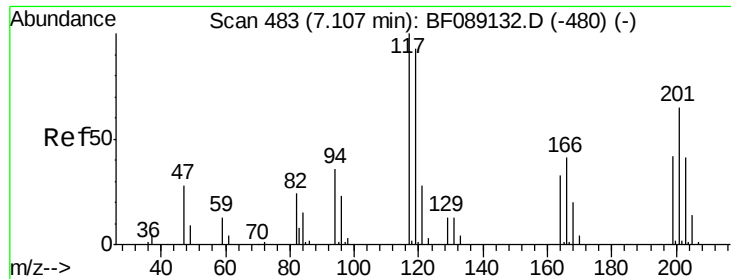


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

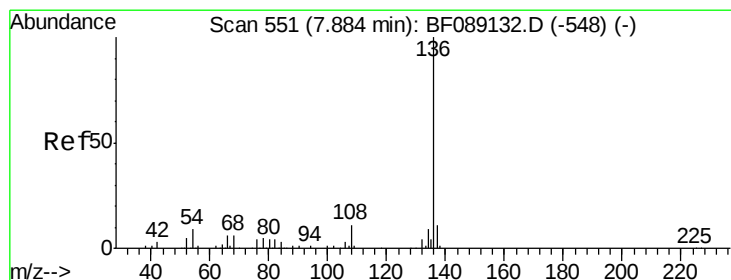
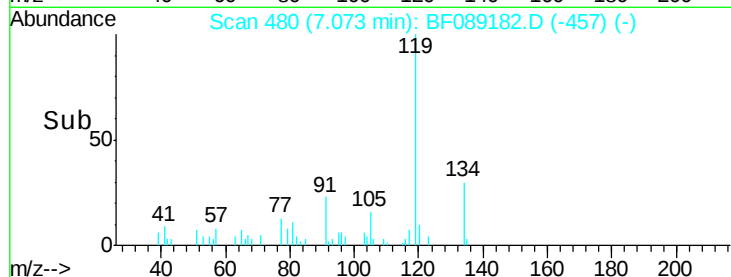
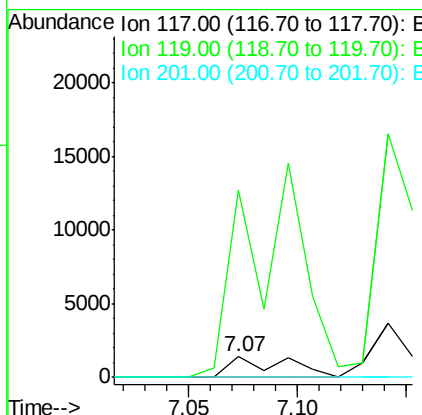
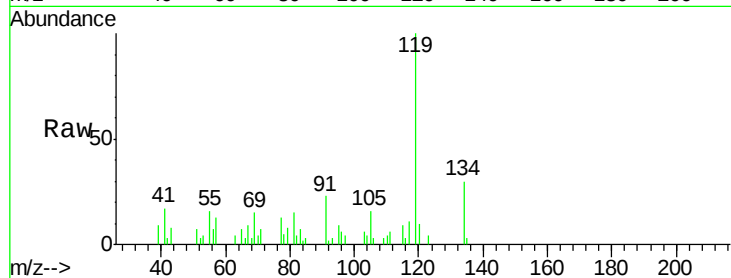




#18
Hexachloroethane
Concen: 2.38 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

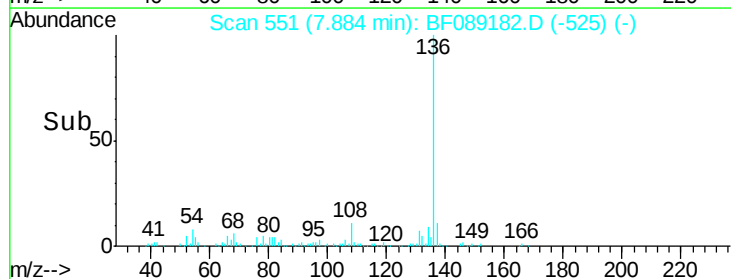
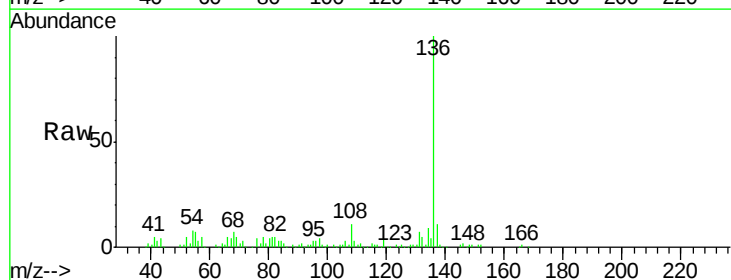
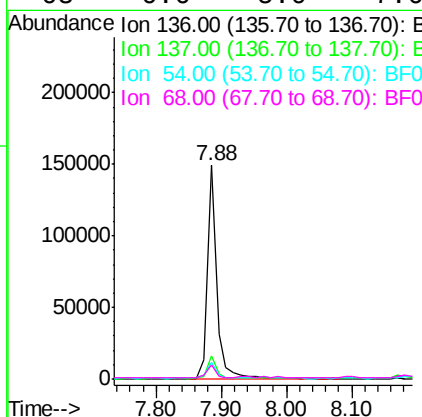
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

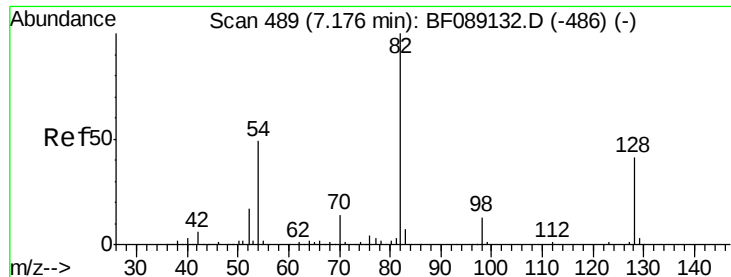
Tgt Ion:117 Resp: 2560
Ion Ratio Lower Upper
117 100
119 916.3 74.5 111.7#
201 0.0 51.8 77.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

Tgt Ion:136 Resp: 150281
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.0 10.4
68 6.6 5.0 7.6

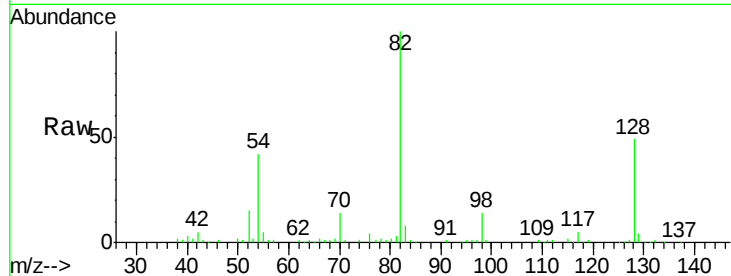




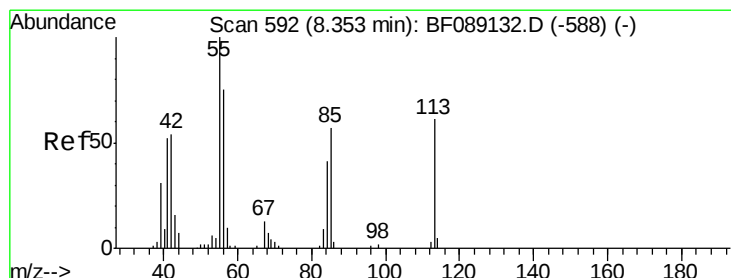
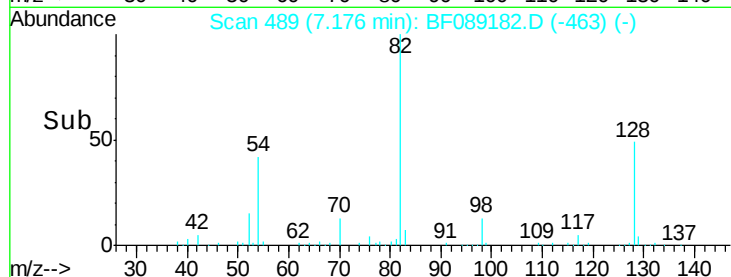
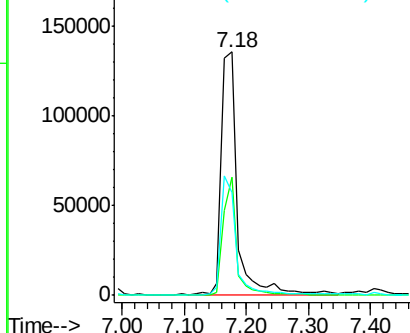
#23
Nitrobenzene-d5
Concen: 85.04 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion: 82 Resp: 240526
Ion Ratio Lower Upper
82 100
128 48.6 33.0 49.6
54 42.4 39.0 58.4

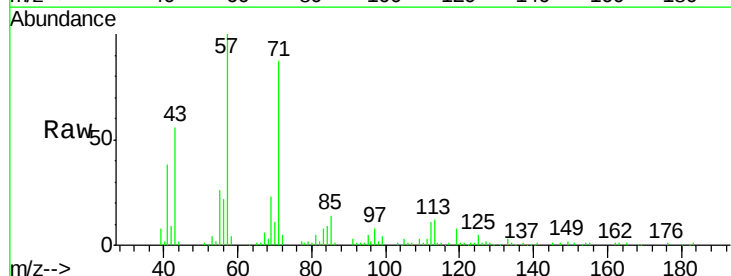


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

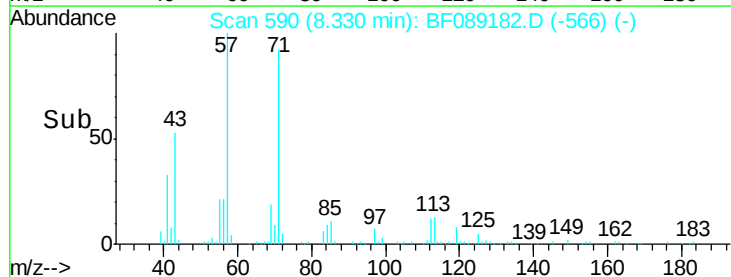
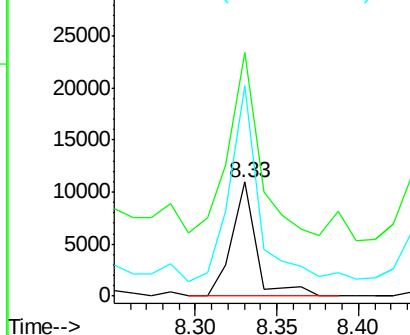


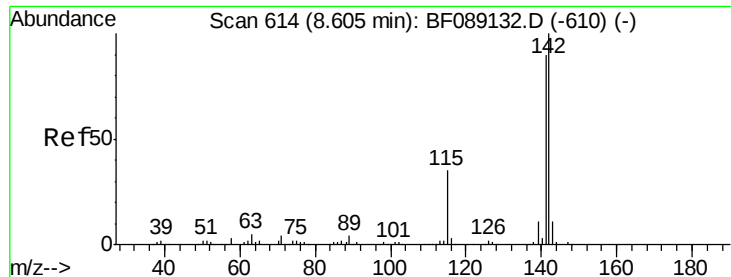
#35
Caprolactam
Concen: 17.04 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

Tgt Ion: 113 Resp: 11178
Ion Ratio Lower Upper
113 100
55 213.8 145.3 185.3#
56 184.2 104.3 144.3#



Abundance Ion 113.00 (112.70 to 113.70): BF0
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

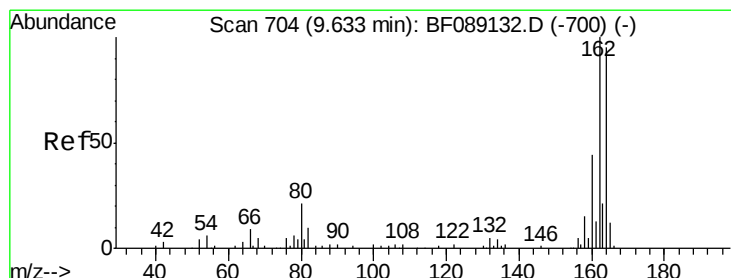
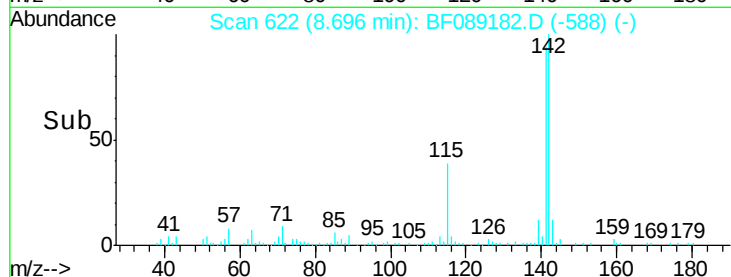
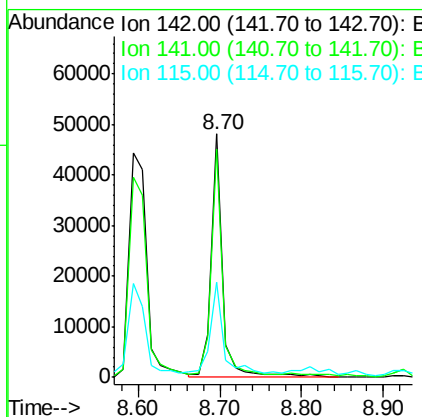
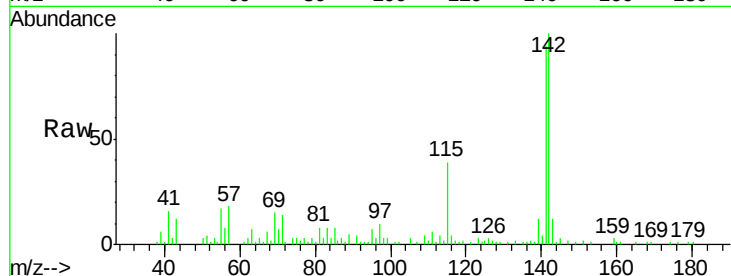




#37
2-Methylnaphthalene
Concen: 9.41 ng
RT: 8.70 min Scan# 622
Delta R.T. 0.09 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

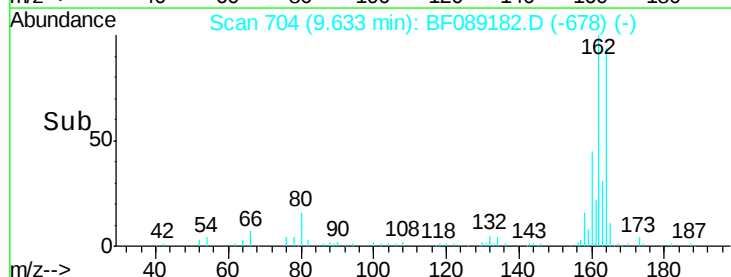
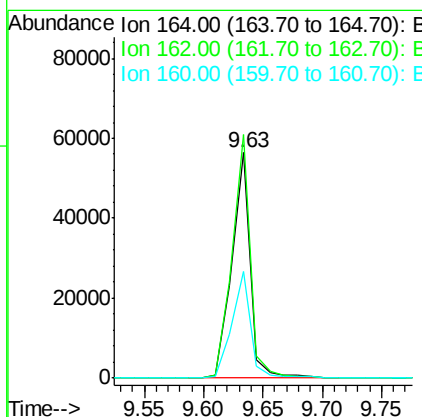
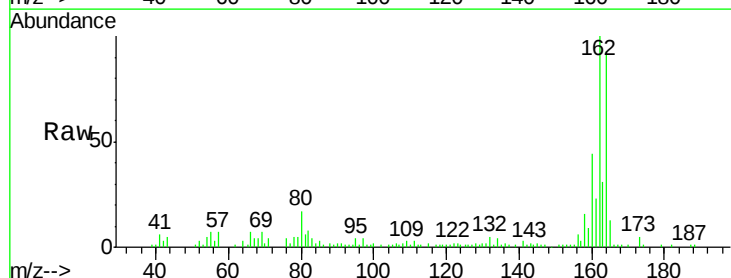
Instrument :
BNA_F
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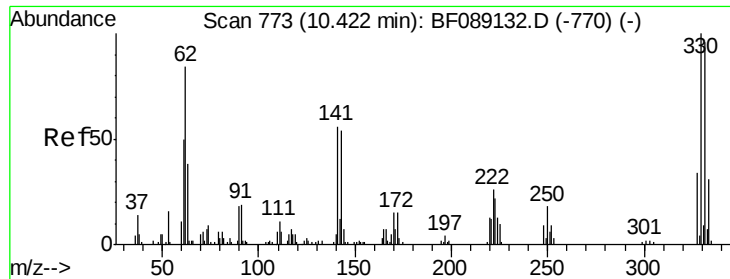
Tgt Ion:142 Resp: 48667
Ion Ratio Lower Upper
142 100
141 93.6 71.6 107.4
115 39.3 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089182.D
Acq: 21 Jul 2016 16:12

Tgt Ion:164 Resp: 60292
Ion Ratio Lower Upper
164 100
162 108.0 84.1 126.1
160 47.4 37.1 55.7

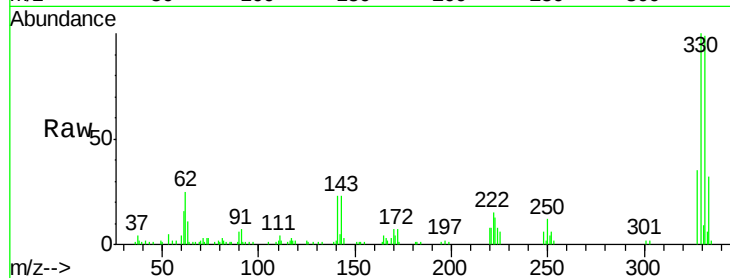




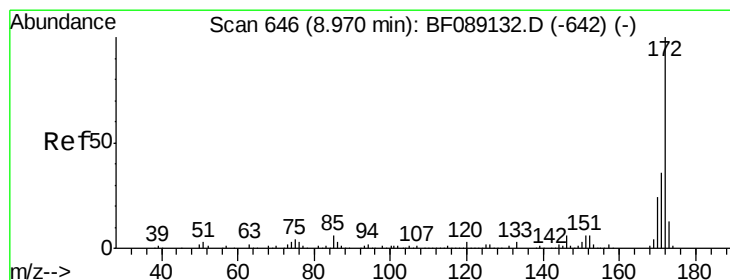
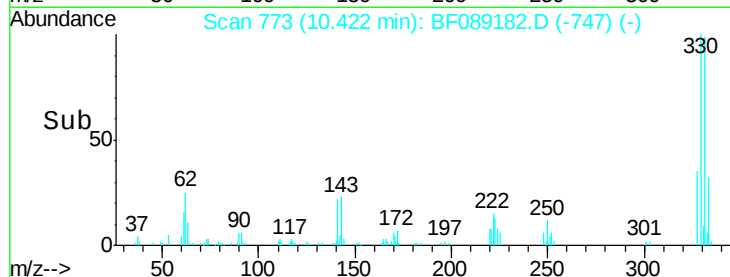
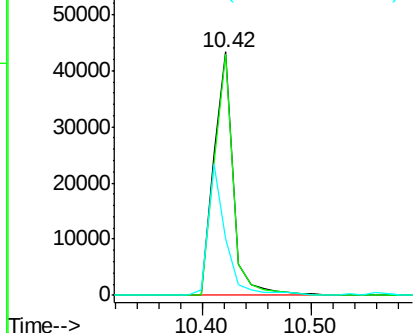
#41
 2,4,6-Tribromophenol
 Concen: 100.04 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Tgt Ion:330 Resp: 54304
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 49.5 42.2 63.2

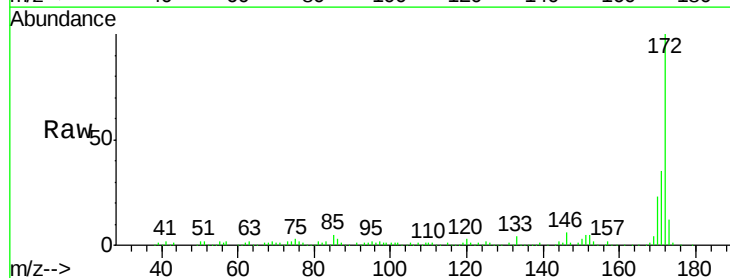


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

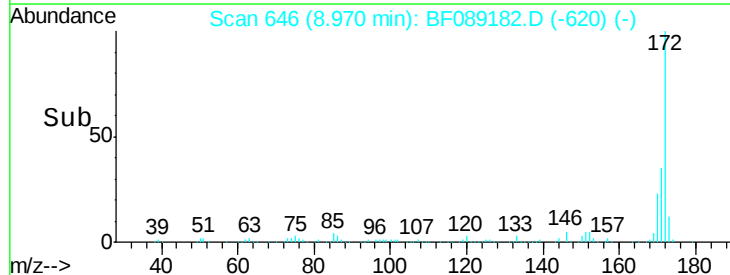
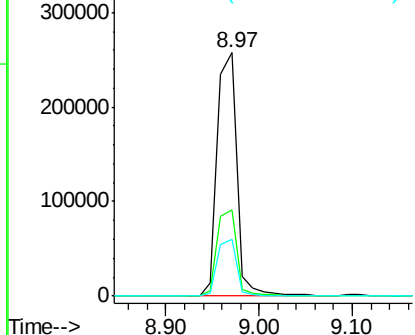


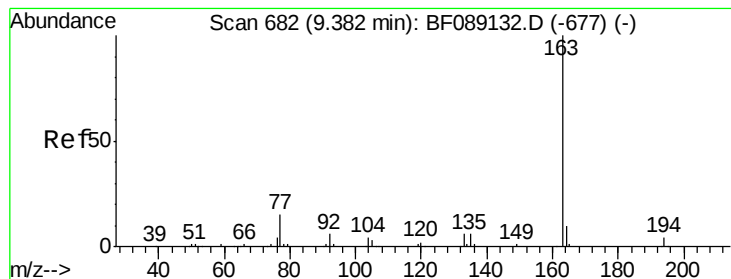
#44
 2-Fluorobiphenyl
 Concen: 86.43 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

Tgt Ion:172 Resp: 378225
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.2 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: 20.26 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

Instrument :

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ClientSampleId :

KSB-04-12.0-14.0

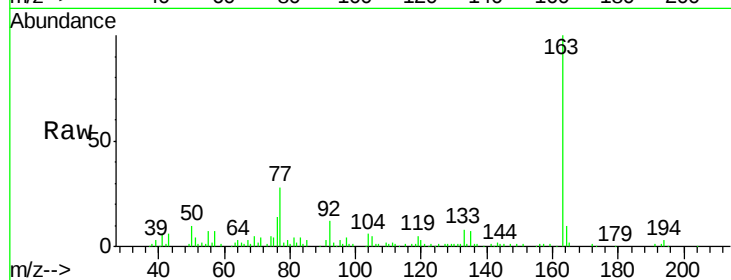
Tgt Ion:163 Resp: 93744

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

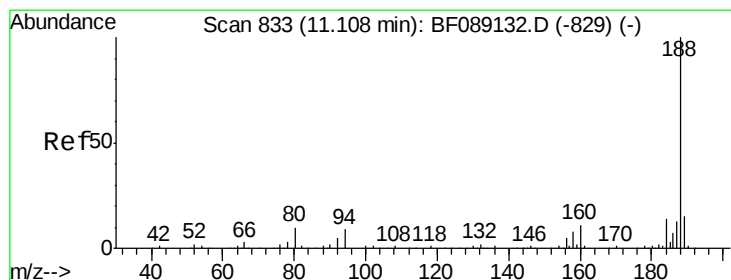
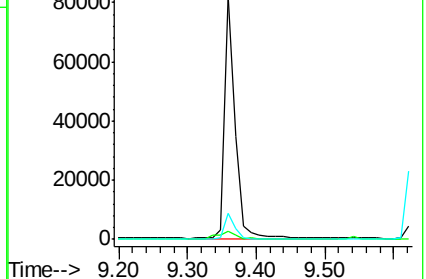
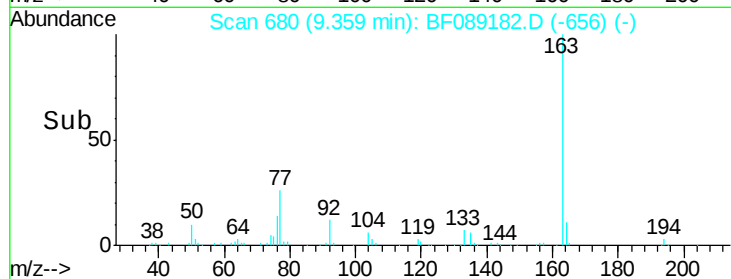
164 10.4 7.6 11.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

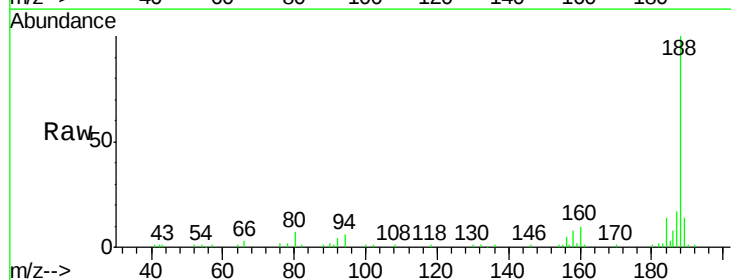
Tgt Ion:188 Resp: 95396

Ion Ratio Lower Upper

188 100

94 6.4 7.0 10.4#

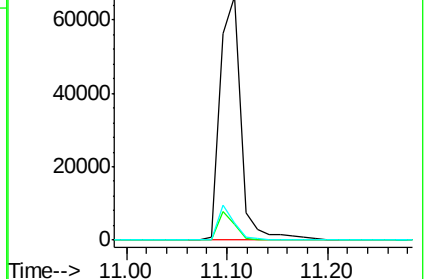
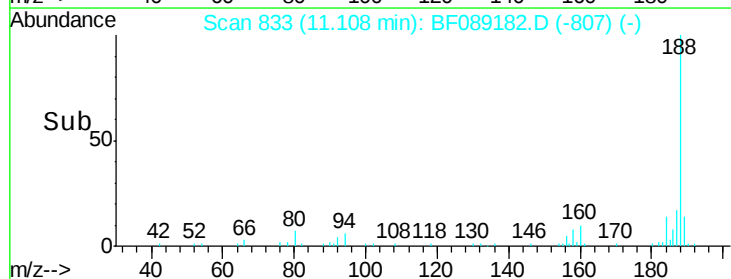
80 6.8 7.7 11.5#

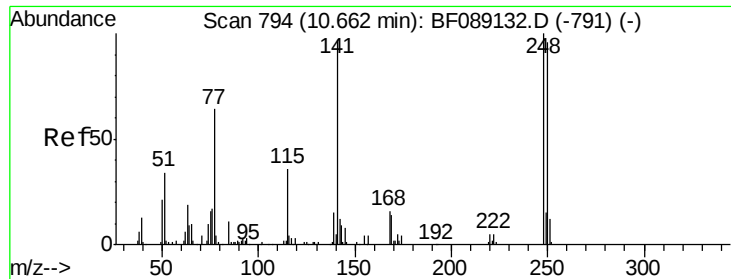


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.25 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

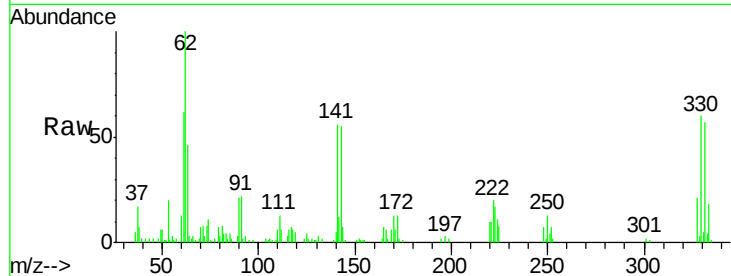
Tgt Ion:248 Resp: 4014

Ion Ratio Lower Upper

248 100

250 187.2 76.9 115.3#

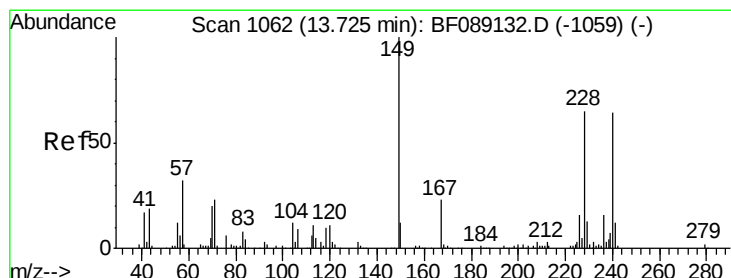
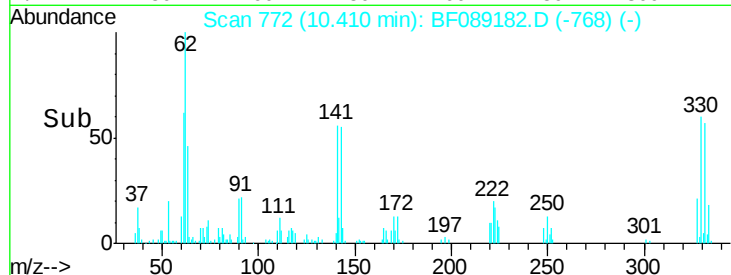
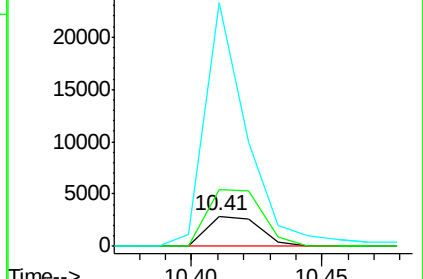
141 803.9 77.4 116.2#



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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089182.D

Acq: 21 Jul 2016 16:12

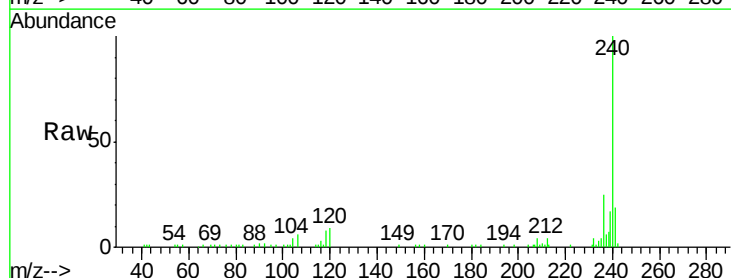
Tgt Ion:240 Resp: 71073

Ion Ratio Lower Upper

240 100

120 8.7 13.6 20.4#

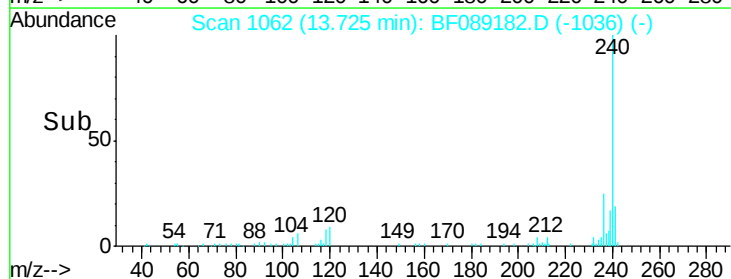
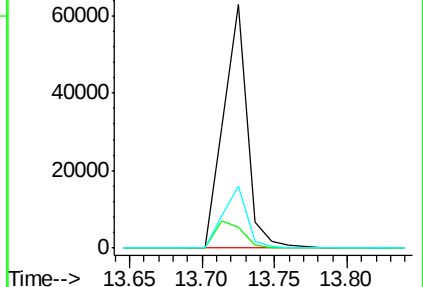
236 25.2 20.5 30.7

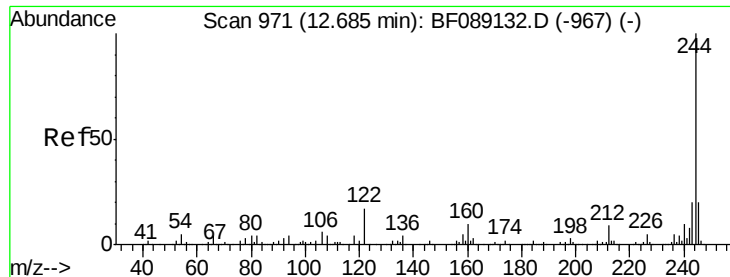


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

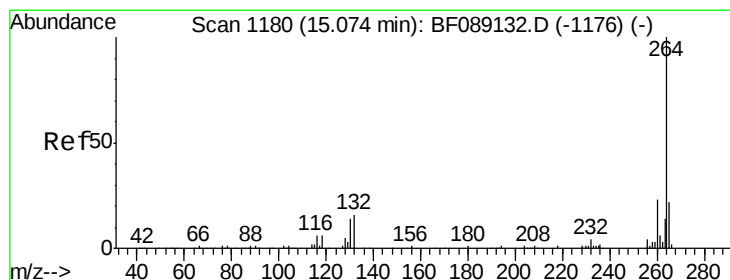
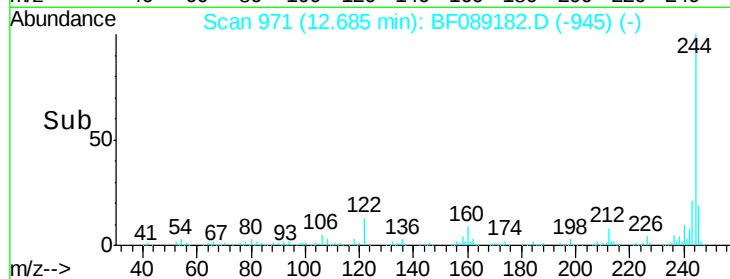
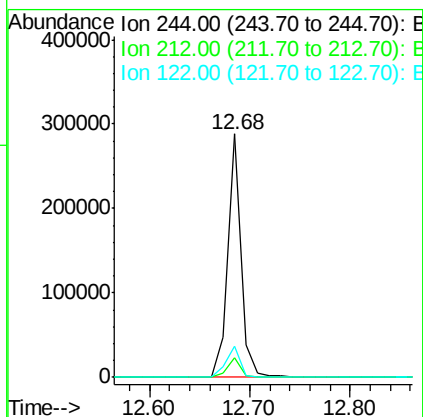
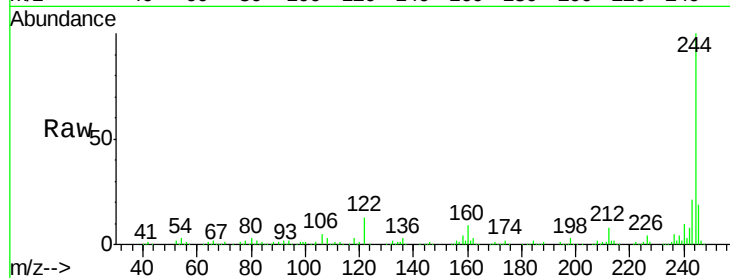




#78
 Terphenyl-d14
 Concen: 80.84 ng
 RT: 12.68 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	13.0	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089182.D
 Acq: 21 Jul 2016 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.1	17.3	25.9

