

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 23 04:28:39 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

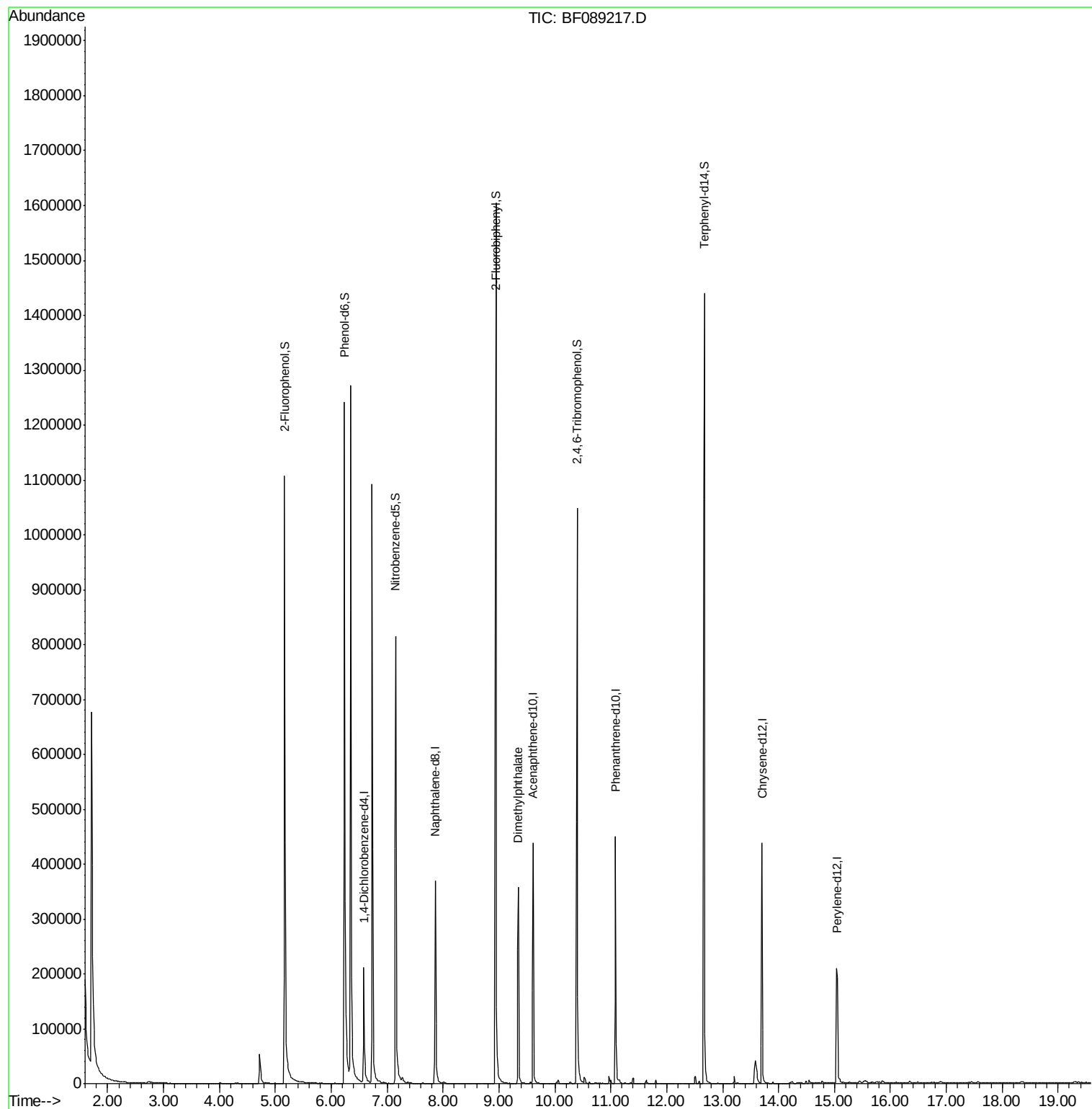
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48896	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	215221	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	104739	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	206491	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	160232	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
49) Dimethylphthalate	9.35	163	220904	27.48	ng	99

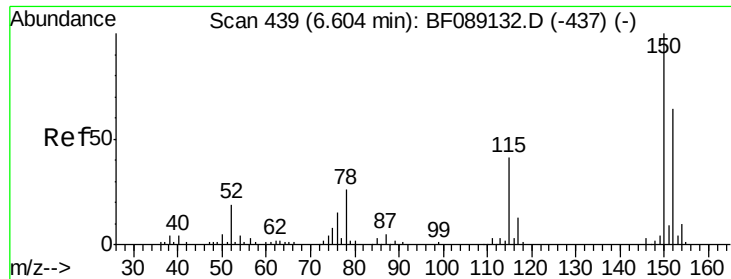
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
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

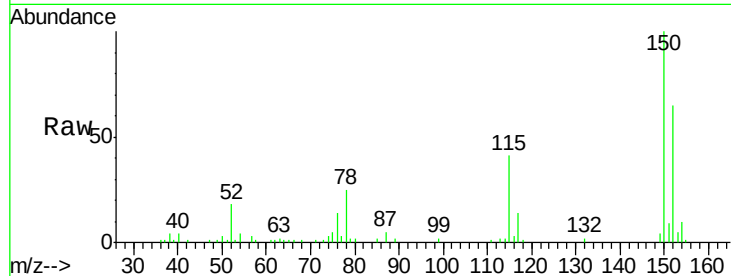
Tgt Ion:152 Resp: 48896

Ion Ratio Lower Upper

152 100

150 153.1 125.1 187.7

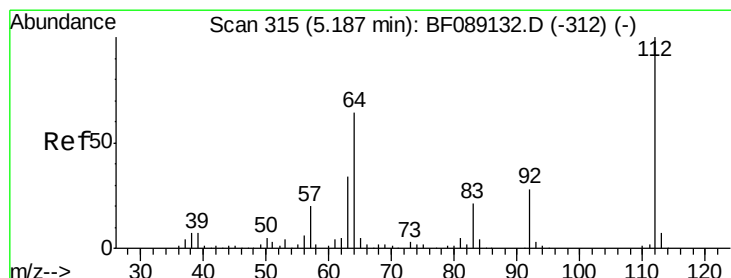
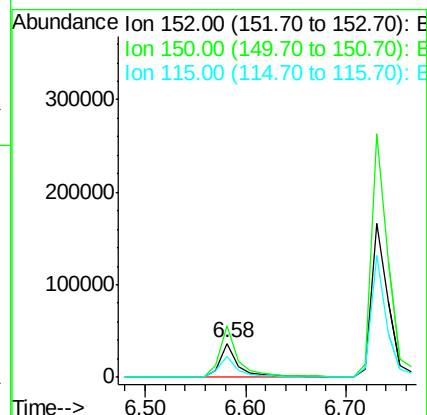
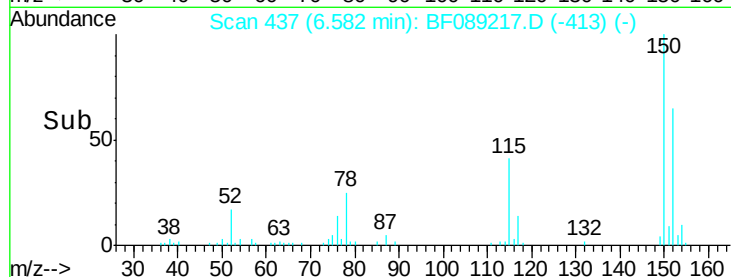
115 62.6 51.1 76.7



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

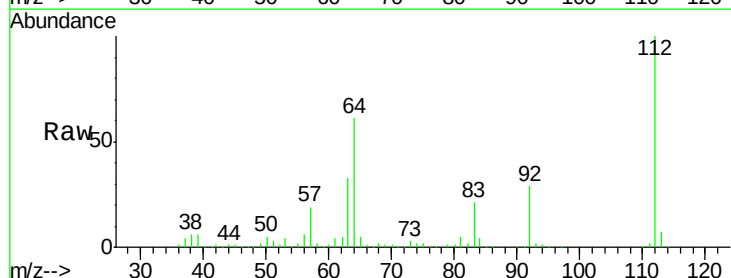
Tgt Ion:112 Resp: 435806

Ion Ratio Lower Upper

112 100

64 61.5 51.0 76.4

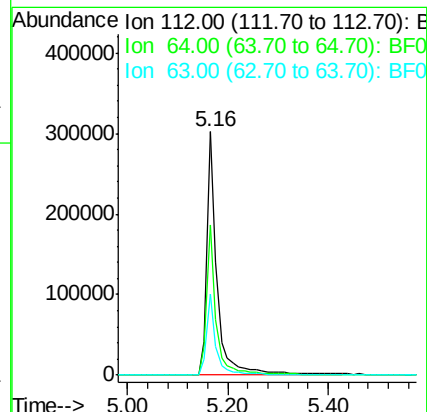
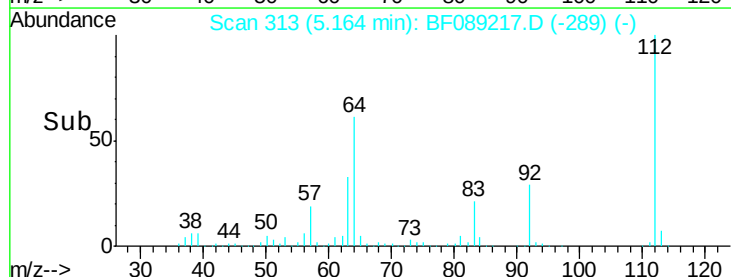
63 33.4 27.3 40.9

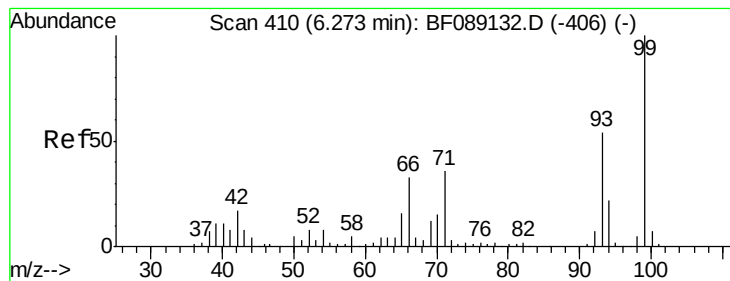


Abundance Ion 112.00 (111.70 to 112.70): E

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

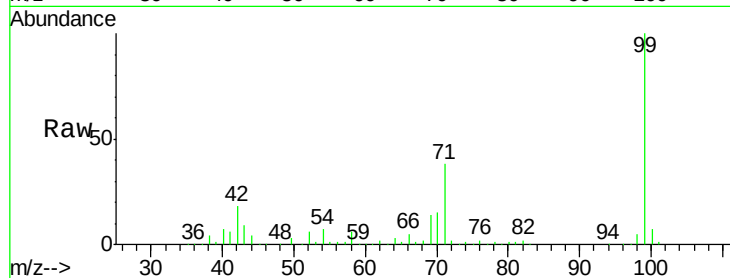
Tgt Ion: 99 Resp: 609682

Ion Ratio Lower Upper

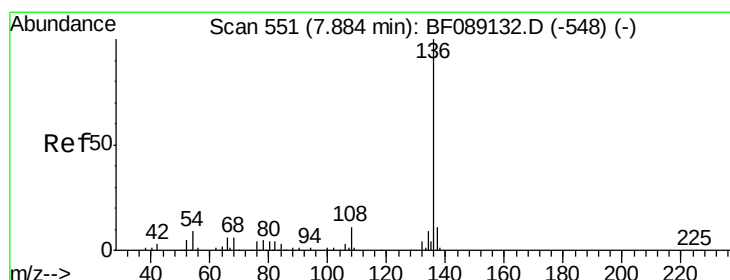
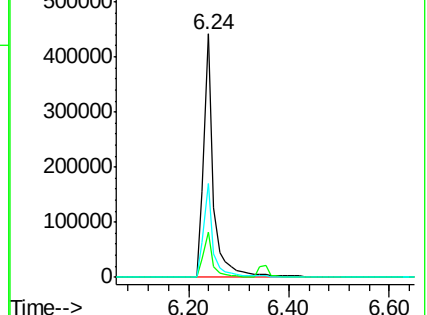
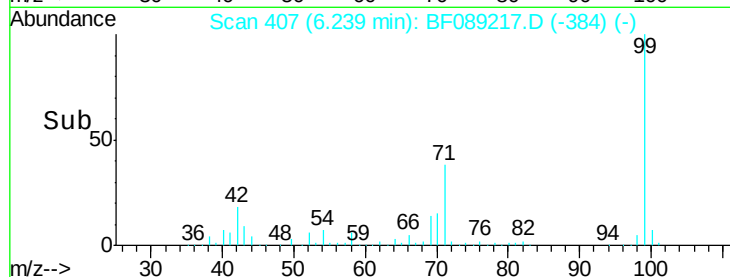
99 100

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



#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

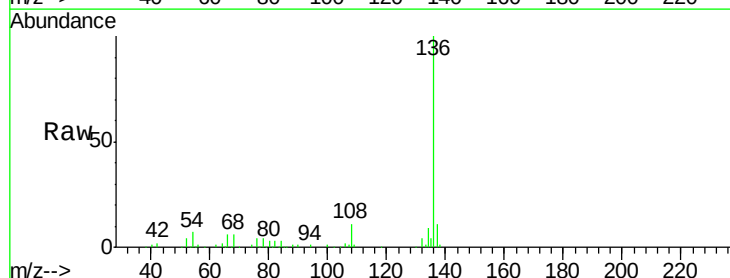
Ion Ratio Lower Upper

136 100

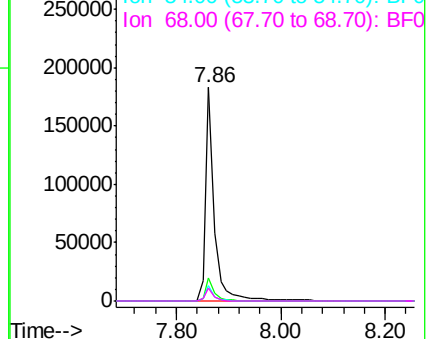
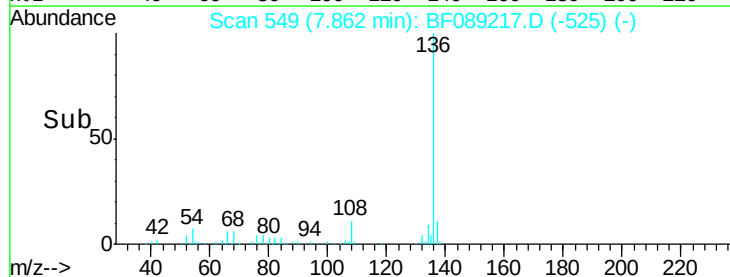
137 11.0 8.8 13.2

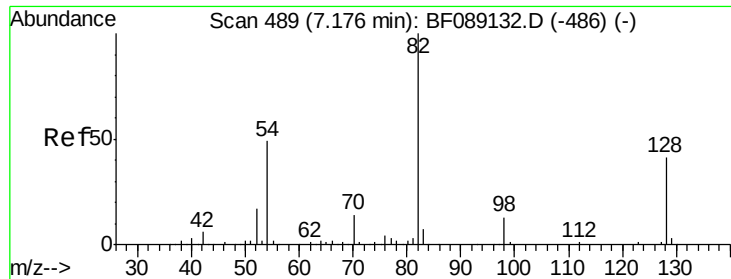
54 7.4 7.0 10.4

68 5.7 5.0 7.6



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

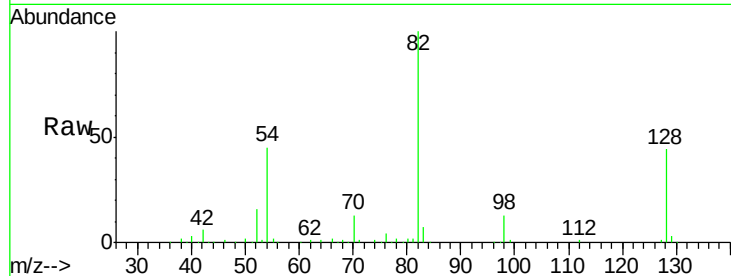




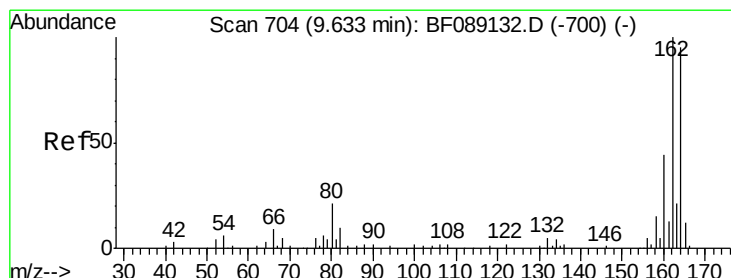
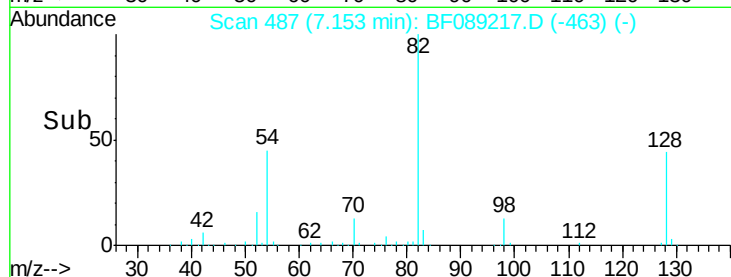
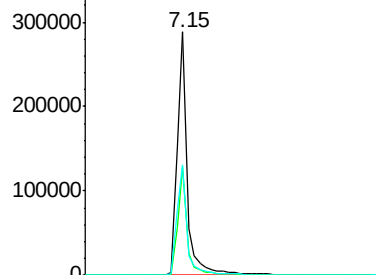
#23
 Nitrobenzene-d5
 Concen: 99.16 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

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

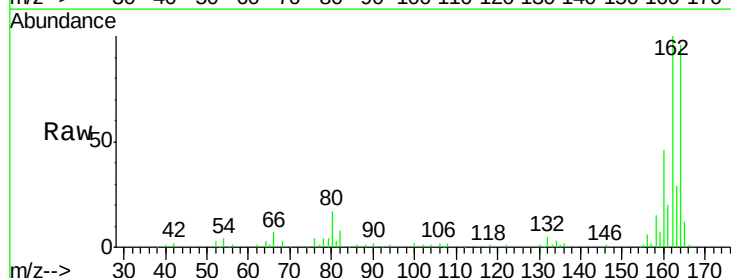


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

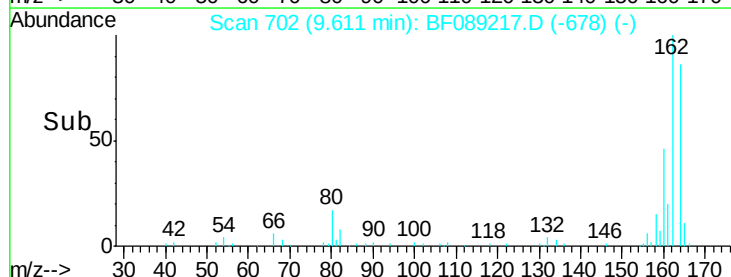
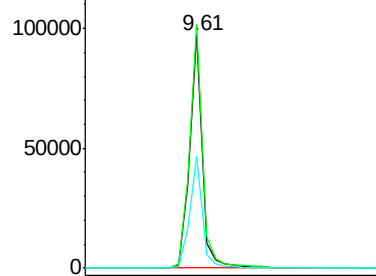


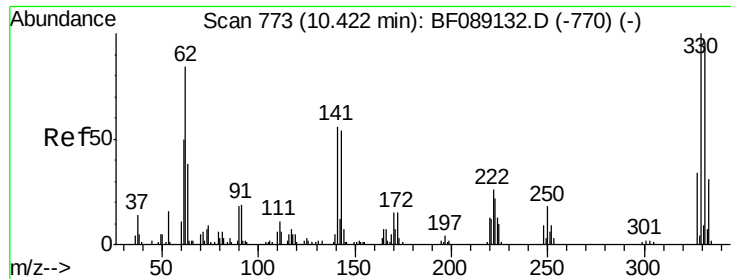
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

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

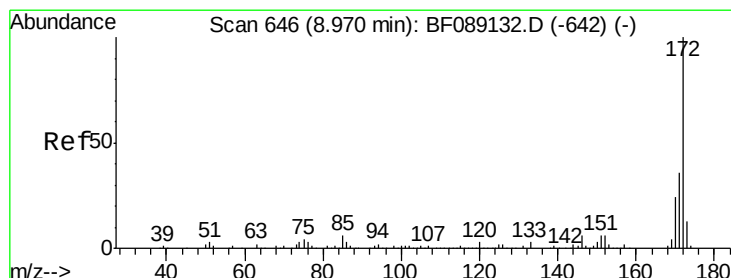
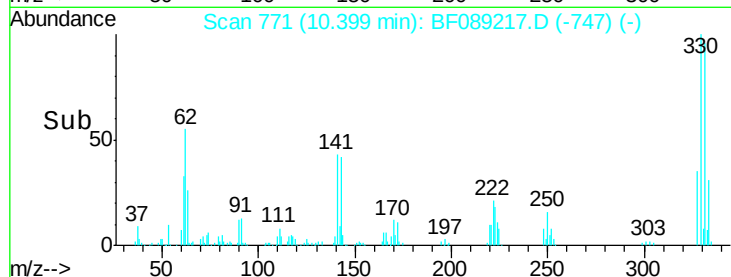
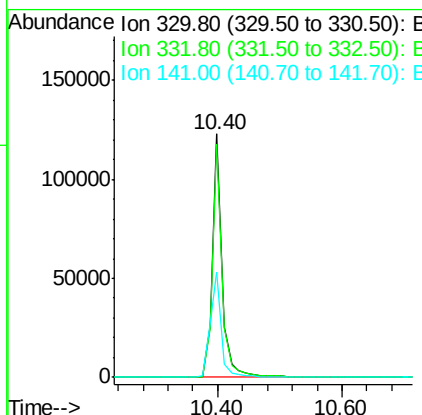
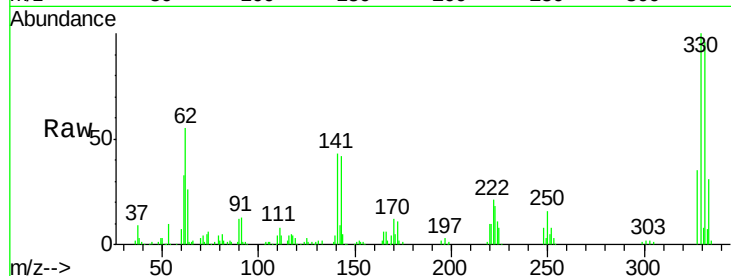




#41
 2,4,6-Tribromophenol
 Concen: 141.06 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089217.D
 Acq: 23 Jul 2016 3:44

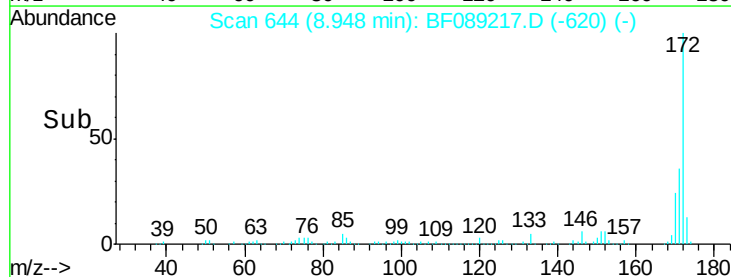
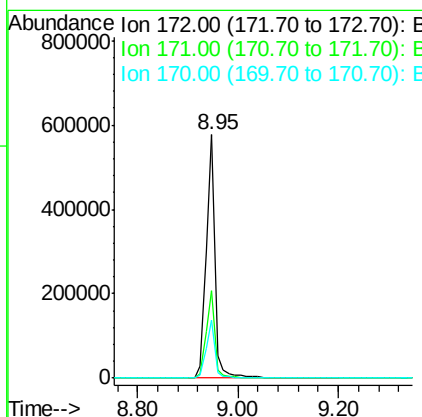
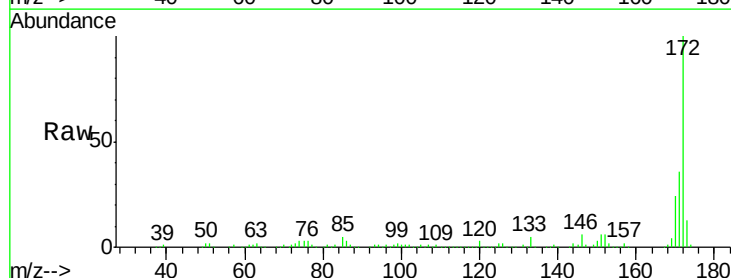
Instrument :
 BNA_F
 ClientSampleId :
 KSB-15-5.0-7.0

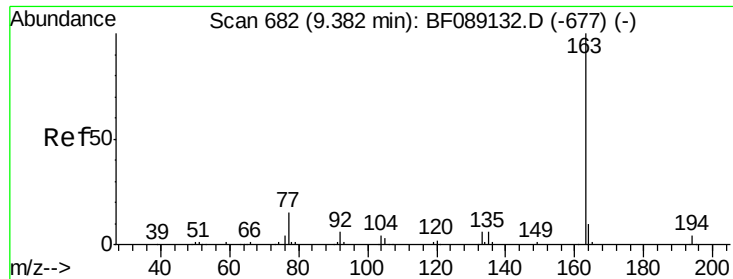
Tgt Ion:330 Resp: 133018
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.2 115.8
 141 49.0 42.2 63.2



#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

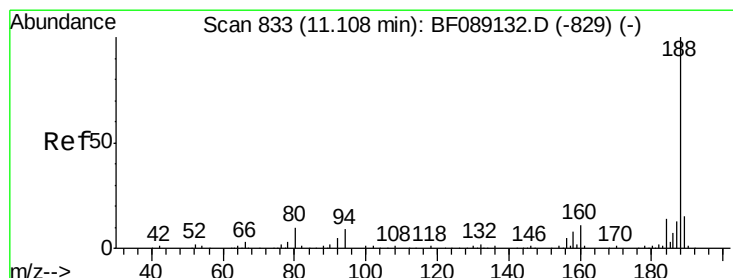
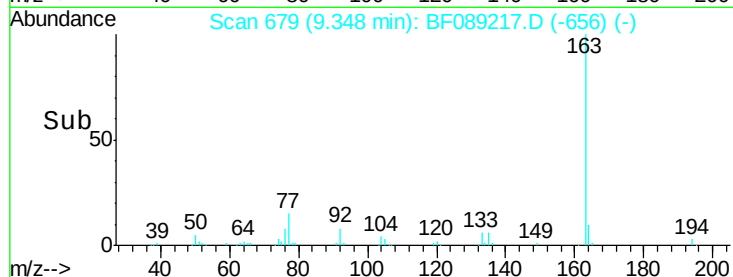
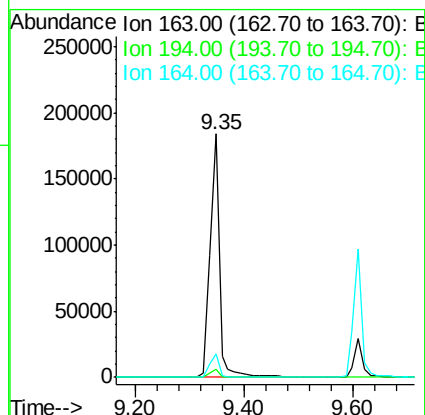
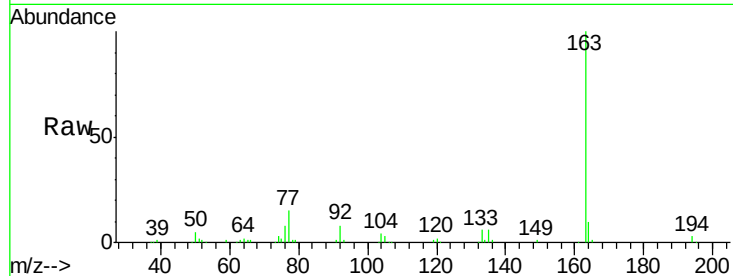




#49
Dimethylphthalate
Concen: 27.48 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089217.D
Acq: 23 Jul 2016 3:44

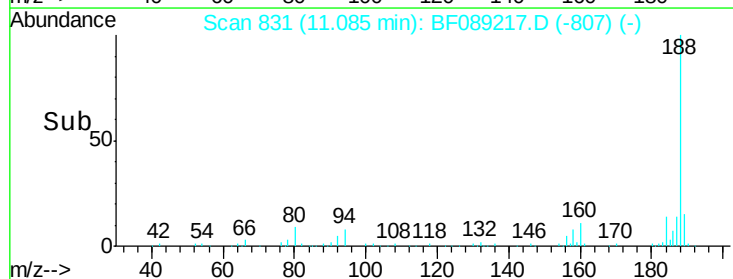
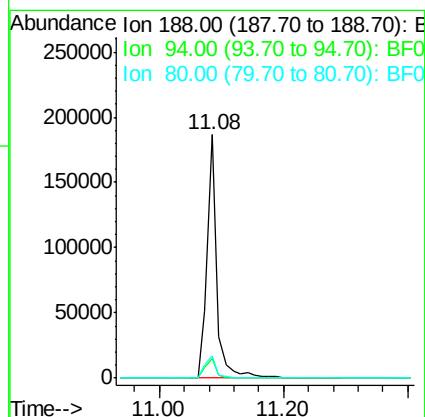
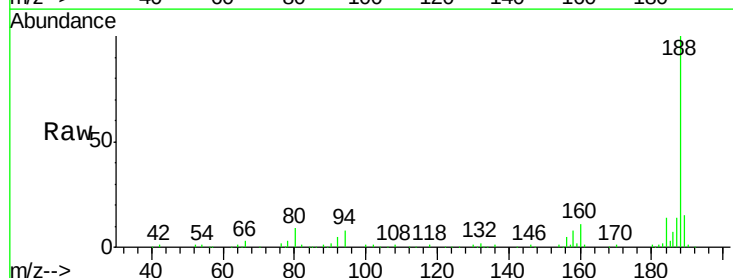
Instrument :
BNA_F
ClientSampleId :
KSB-15-5.0-7.0

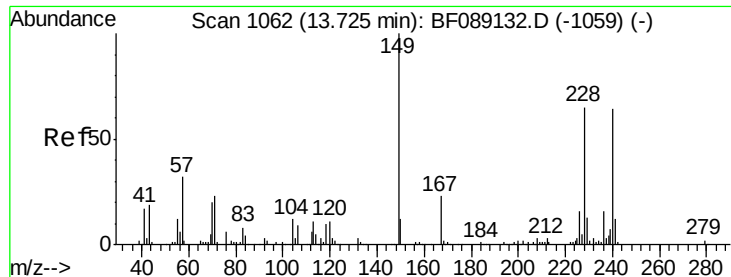
Tgt Ion:163 Resp: 220904
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.8 7.6 11.4



#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

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





#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

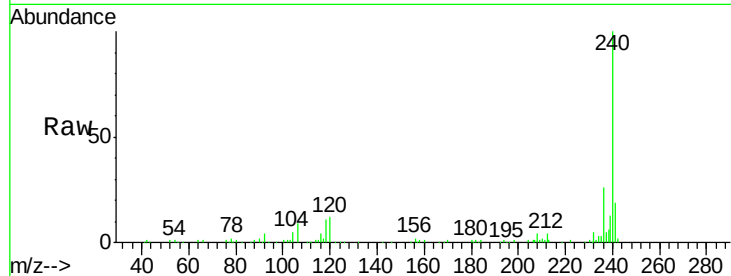
Tgt Ion:240 Resp: 160232

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

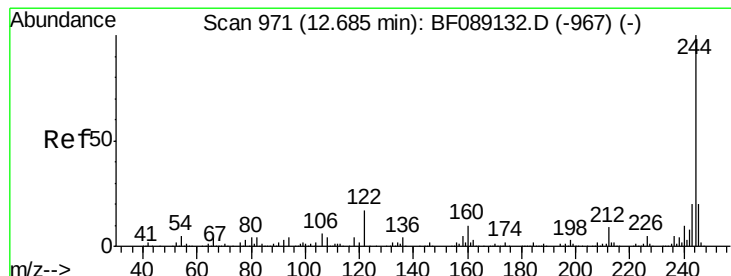
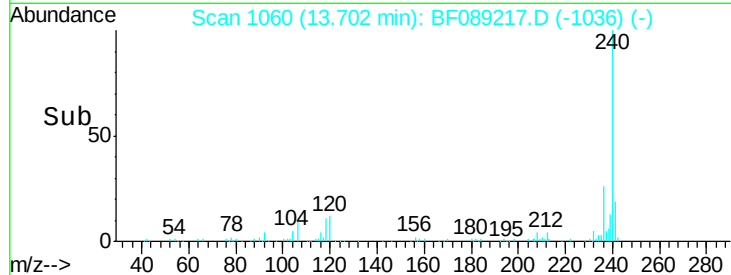
100000

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

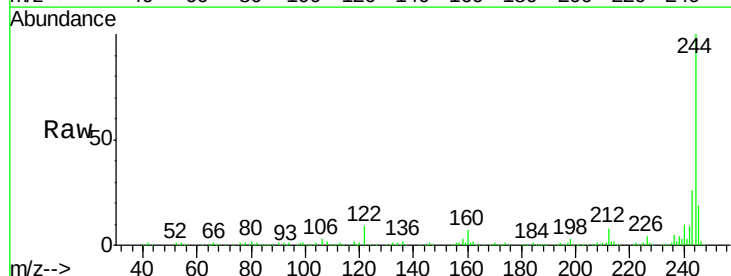
Tgt Ion:244 Resp: 613083

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

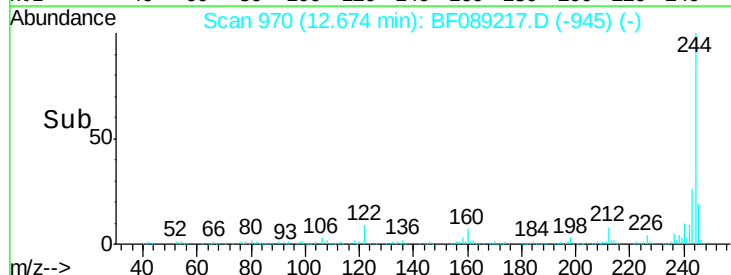
400000

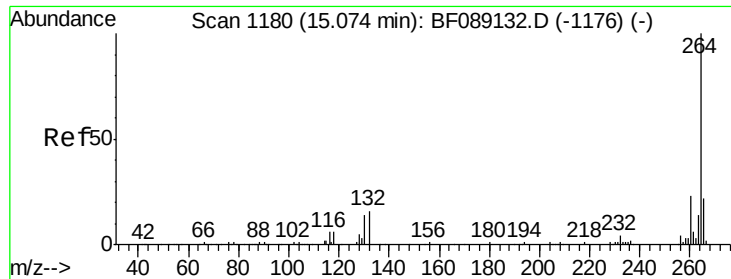
200000

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	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.3	17.3	25.9

