

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089255.D
 Acq On : 24 Jul 2016 2:33
 Operator : UM/SJ
 Sample : H4129-02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0

Quant Time: Jul 25 01:14:18 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

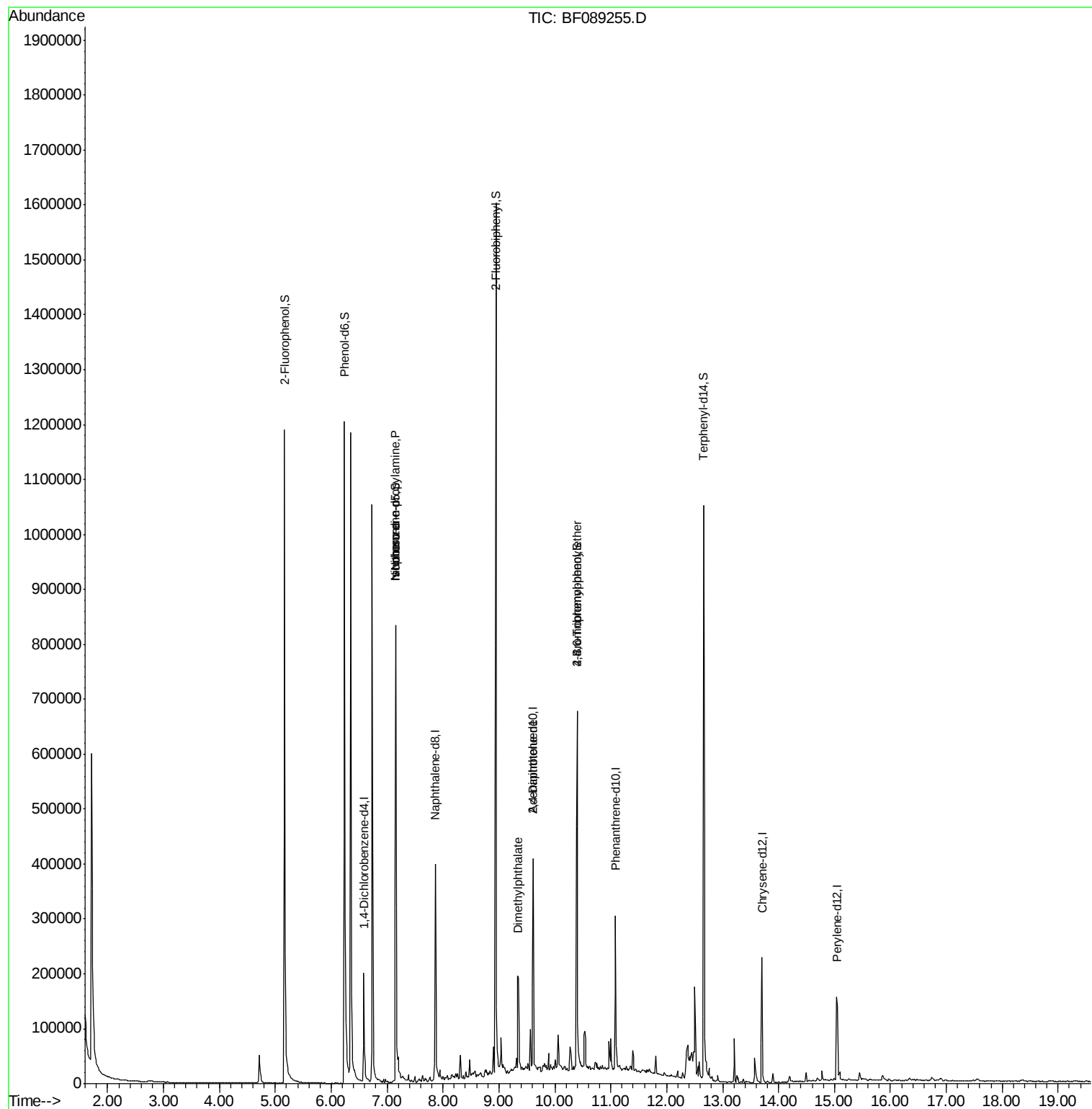
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45209	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	196739	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	84755	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	137110	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	88093	20.00	ng	-0.02
86) Perylene-d12	15.05	264	87762	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	441887	148.66	ng	-0.02
7) Phenol-d6	6.24	99	570911	148.93	ng	-0.03
23) Nitrobenzene-d5	7.15	82	377312	101.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	96870	126.95	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	625351	101.66	ng	-0.02
78) Terphenyl-d14	12.66	244	354613	87.31	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.24	77	479	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	51957	20.72 ng	#	79
25) Isophorone	7.15	82	291689	42.74 ng	#	66
49) Dimethylphthalate	9.35	163	104627	16.09 ng		99
56) 2,4-Dinitrotoluene	9.61	165	10832	5.73 ng	#	10
66) 4-Bromophenyl-phenylether	10.40	248	6941	5.12 ng	#	1

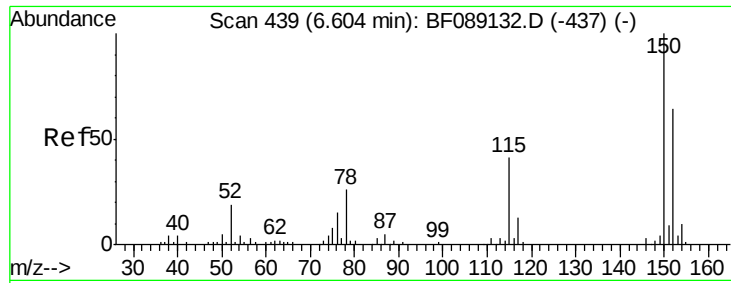
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

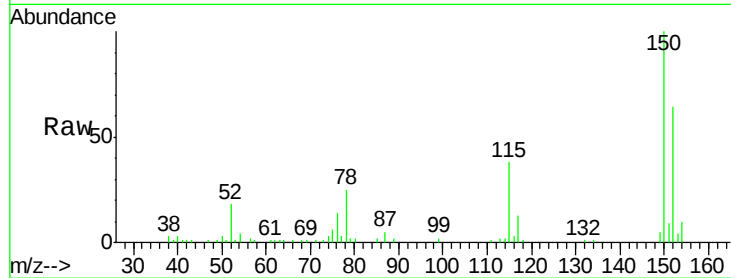
Tgt Ion:152 Resp: 45209

Ion Ratio Lower Upper

152 100

150 155.1 125.1 187.7

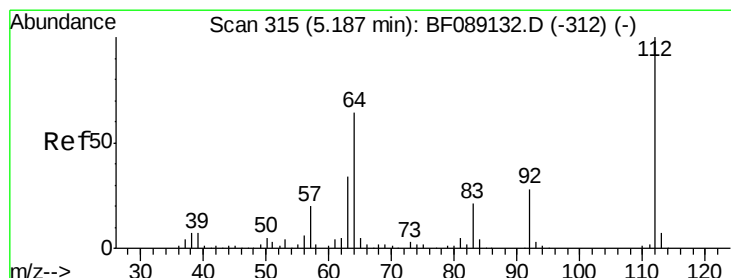
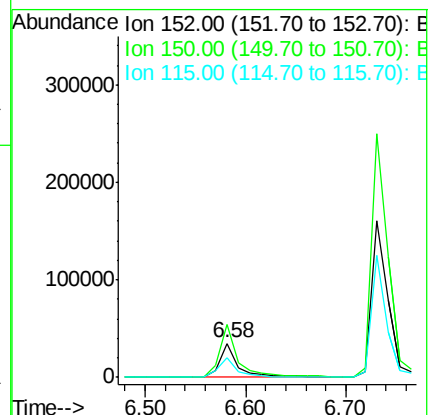
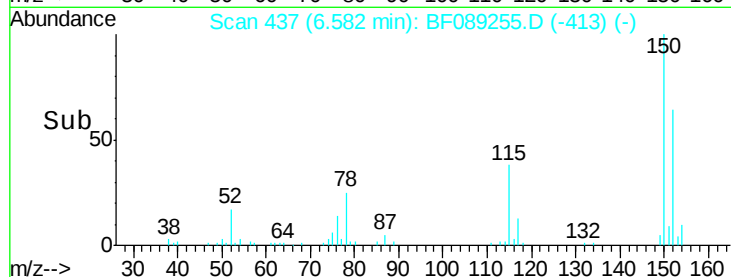
115 59.6 51.1 76.7



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: 148.66 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

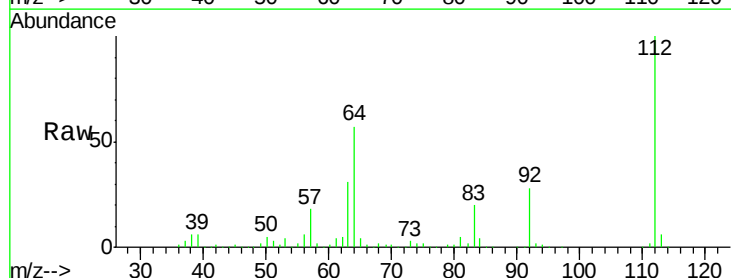
Tgt Ion:112 Resp: 441887

Ion Ratio Lower Upper

112 100

64 57.4 51.0 76.4

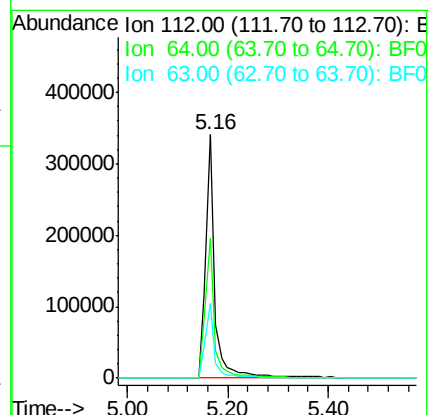
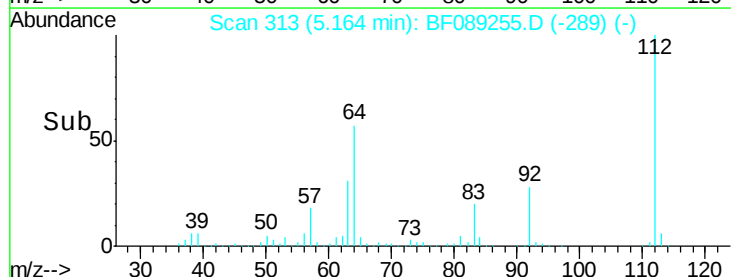
63 30.9 27.3 40.9

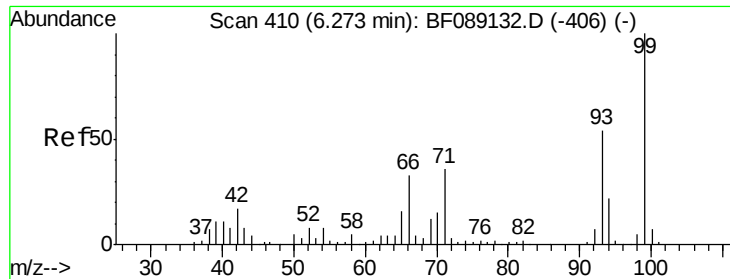


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.93 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

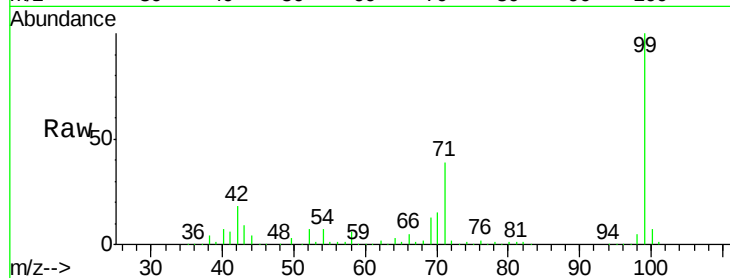
Tgt Ion: 99 Resp: 570911

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 38.8 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

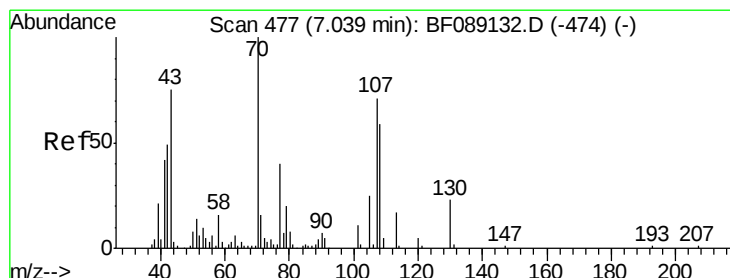
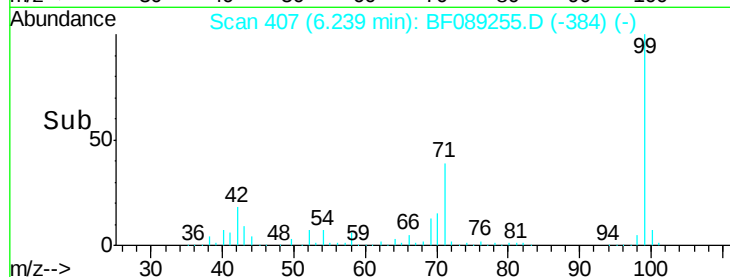
0

6.24

6.20

6.40

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 20.72 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

Tgt Ion: 70 Resp: 51957

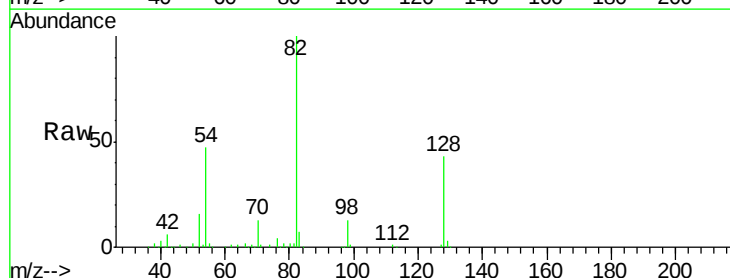
Ion Ratio Lower Upper

70 100

42 43.0 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 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): BF0

Ion 130.00 (129.70 to 130.70): BF0

60000

50000

40000

30000

20000

10000

0

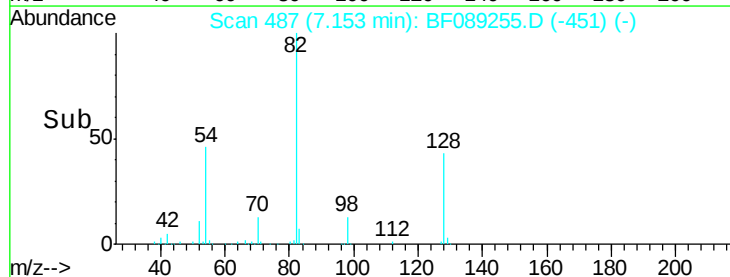
7.15

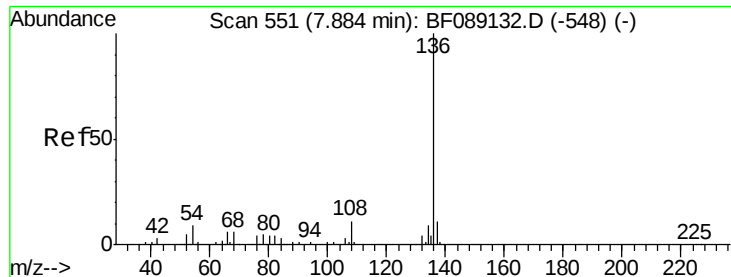
7.10

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: BF089255.D

Acq: 24 Jul 2016 2:33

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

Tgt Ion:136 Resp: 196739

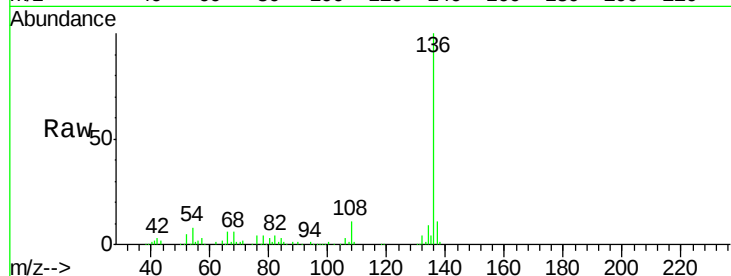
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 7.0 10.4

68 5.9 5.0 7.6

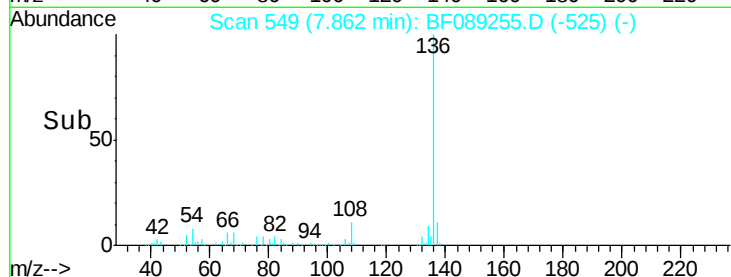


Abundance Ion 136.00 (135.70 to 136.70): E

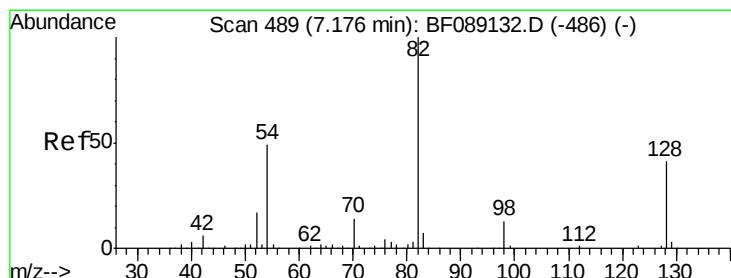
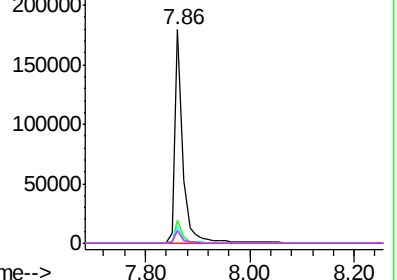
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 101.90 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

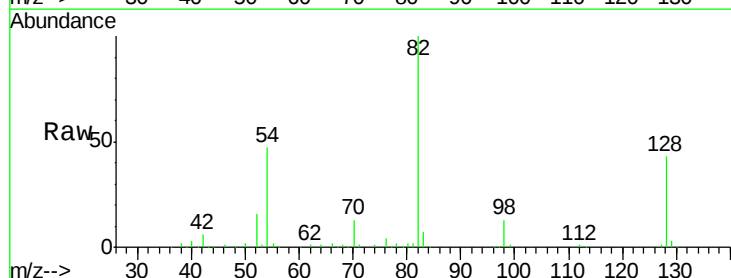
Tgt Ion: 82 Resp: 377312

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.6

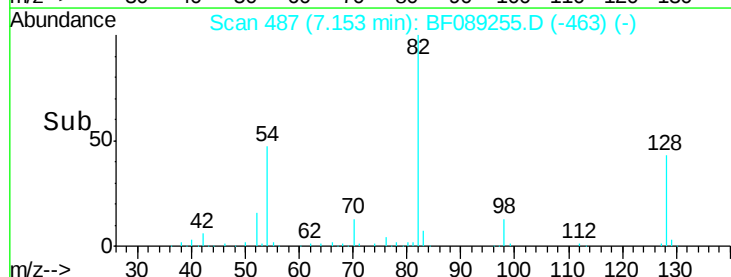
54 46.9 39.0 58.4



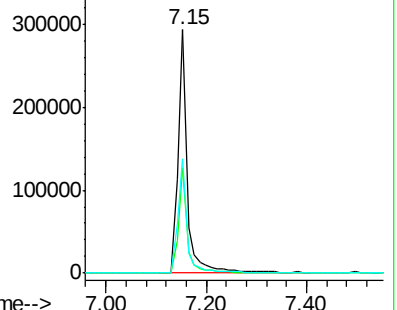
Abundance Ion 82.00 (81.70 to 82.70): BF0

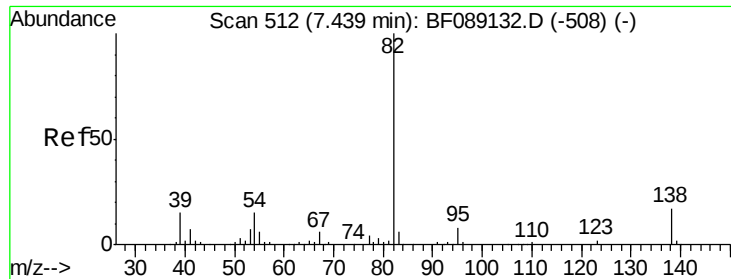
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 42.74 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

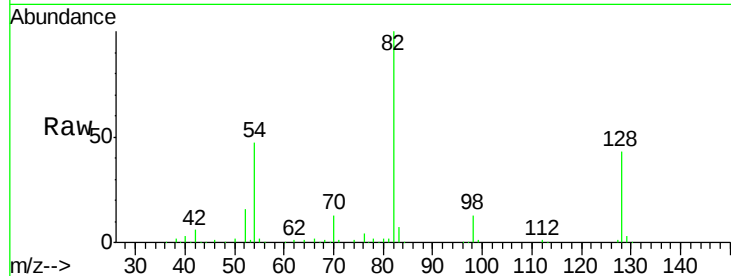
Tgt Ion: 82 Resp: 291689

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

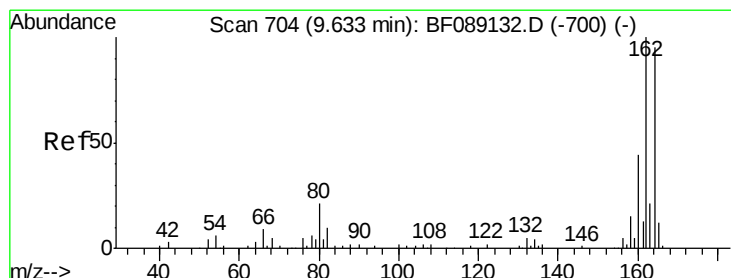
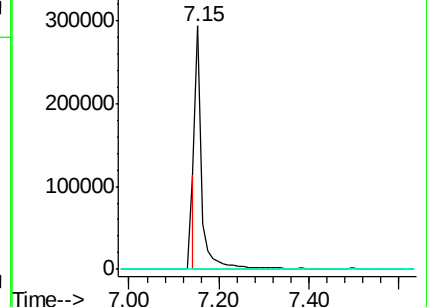
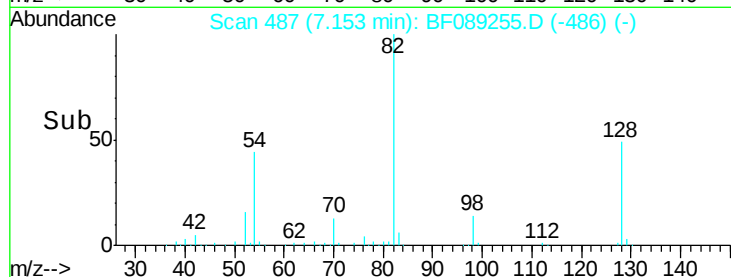
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF089255.D (-486) (-)

Ion 95.00 (94.70 to 95.70): BF089255.D (-486) (-)

Ion 138.00 (137.70 to 138.70): BF089255.D (-486) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

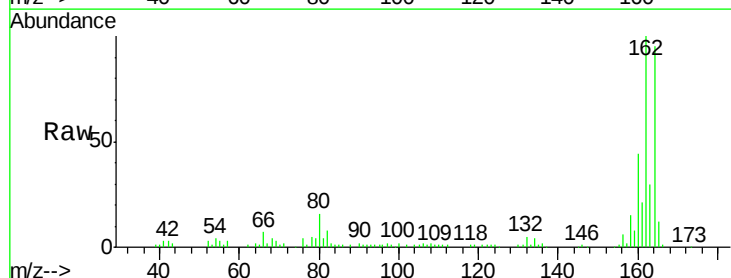
Tgt Ion: 164 Resp: 84755

Ion Ratio Lower Upper

164 100

162 105.7 84.1 126.1

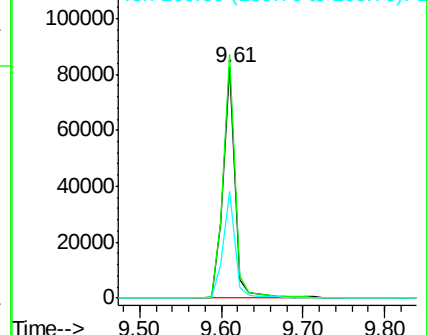
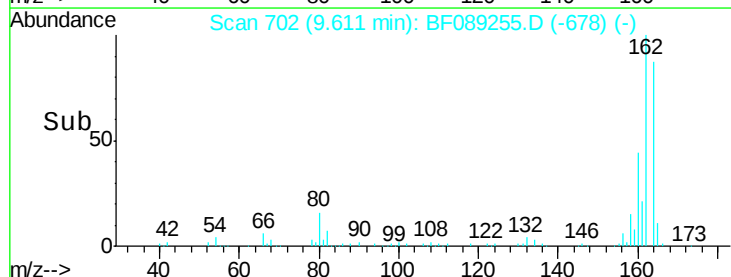
160 46.5 37.1 55.7

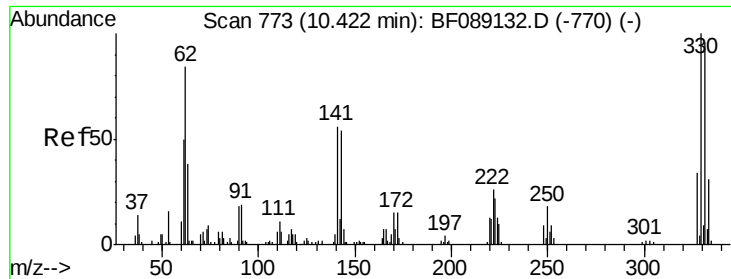


Abundance Ion 164.00 (163.70 to 164.70): BF089255.D (-678) (-)

Ion 162.00 (161.70 to 162.70): BF089255.D (-678) (-)

Ion 160.00 (159.70 to 160.70): BF089255.D (-678) (-)

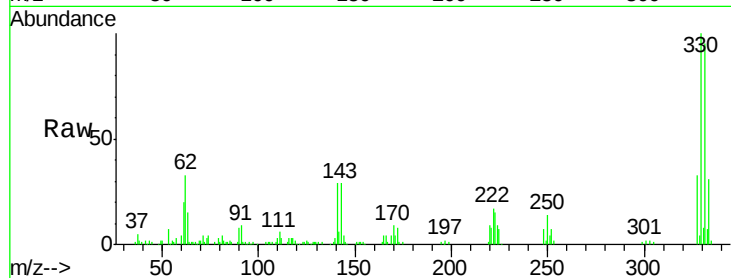




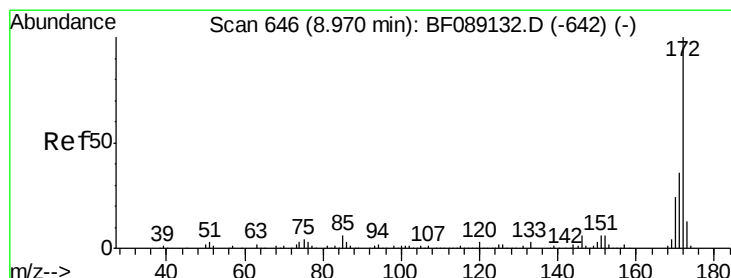
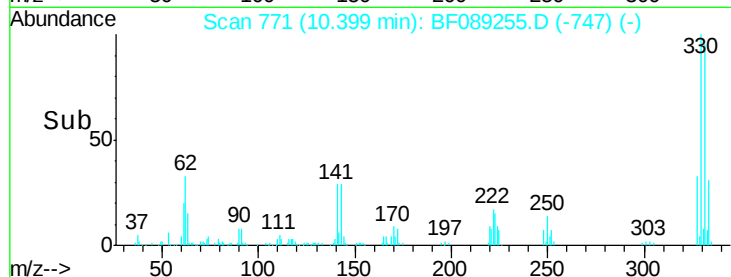
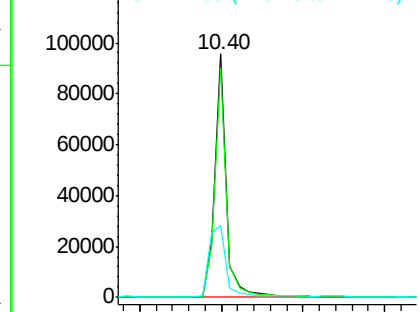
#41
 2,4,6-Tribromophenol
 Concen: 126.95 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089255.D
 Acq: 24 Jul 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0

Tgt Ion:330 Resp: 96870
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 45.6 42.2 63.2

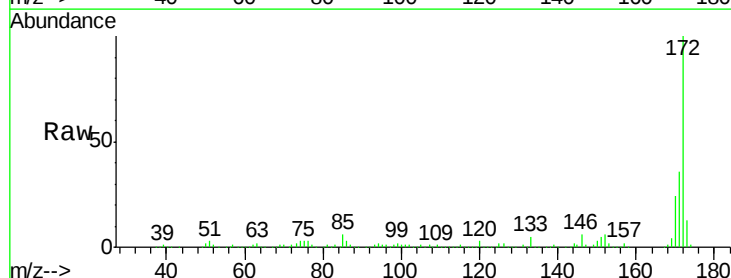


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

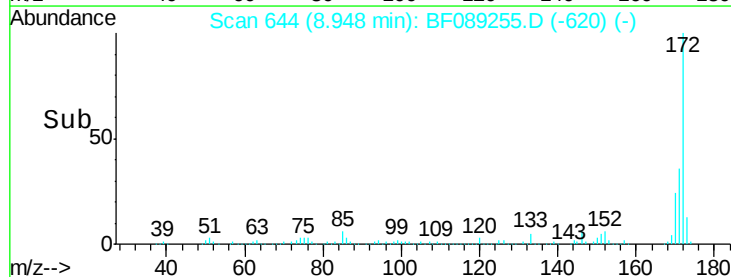
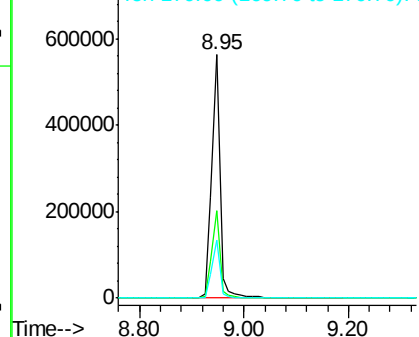


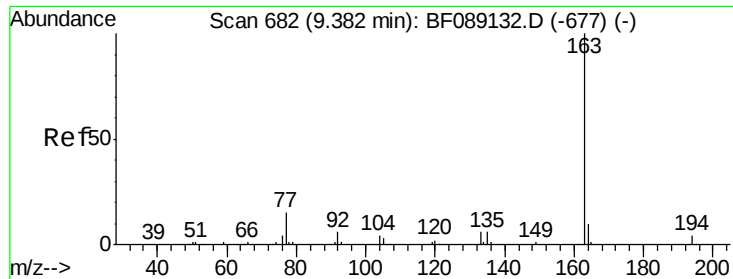
#44
 2-Fluorobiphenyl
 Concen: 101.66 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089255.D
 Acq: 24 Jul 2016 2:33

Tgt Ion:172 Resp: 625351
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.9 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

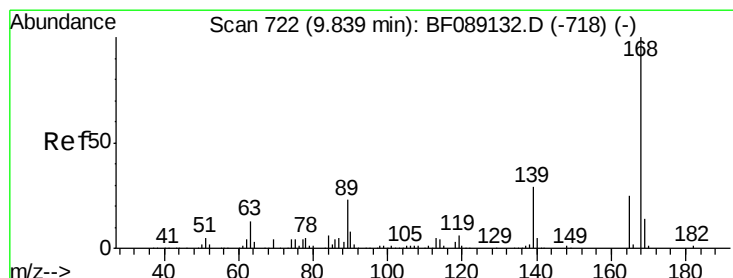
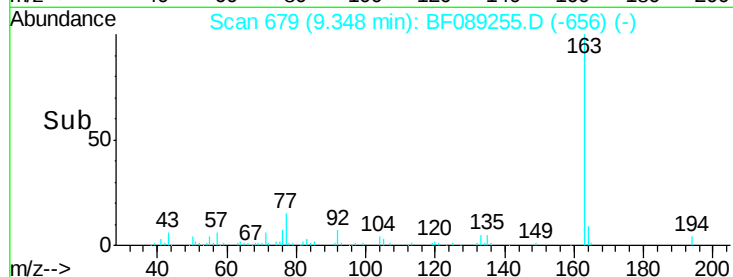
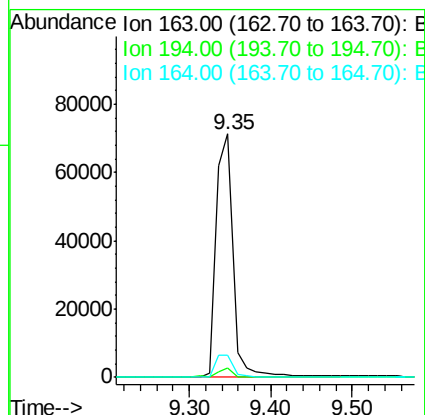
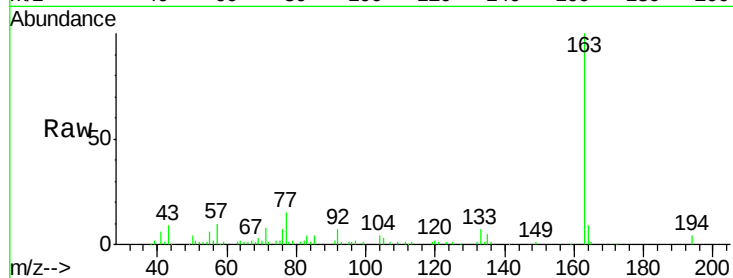




#49
Dimethylphthalate
Concen: 16.09 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089255.D
Acq: 24 Jul 2016 2:33

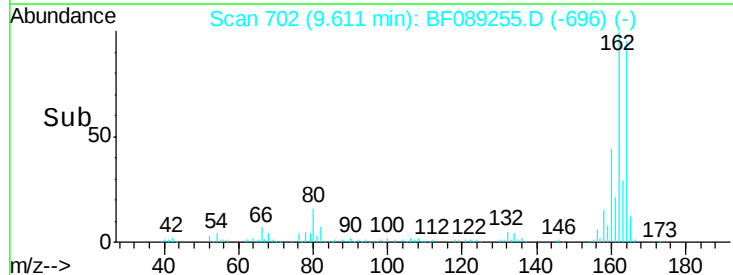
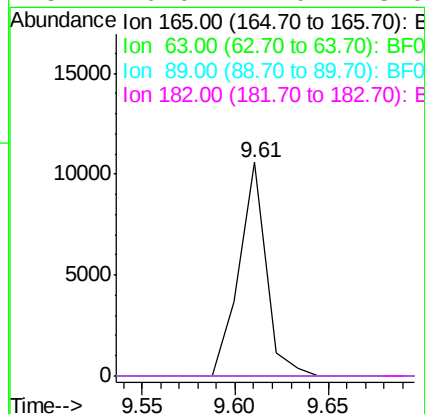
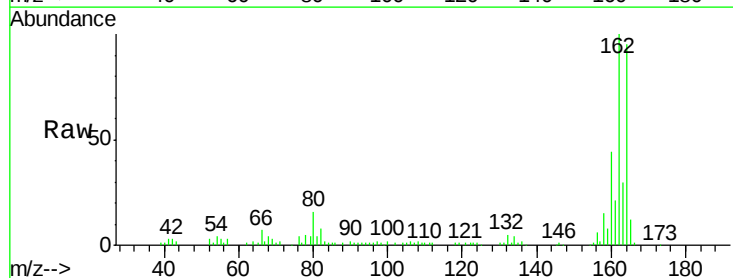
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0

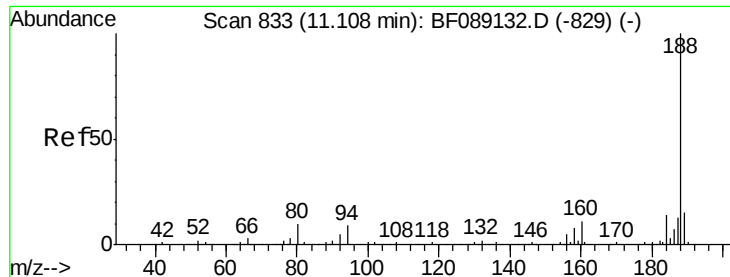
Tgt Ion:163 Resp: 104627
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.0 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089255.D
Acq: 24 Jul 2016 2:33

Tgt Ion:165 Resp: 10832
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#

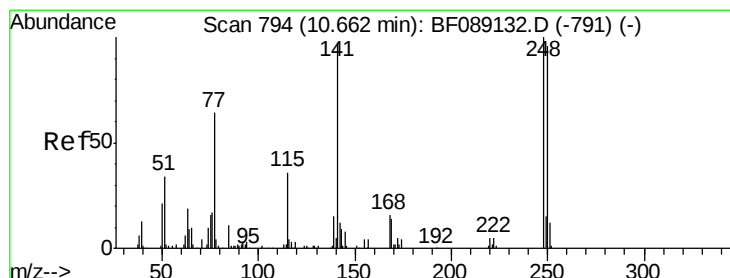
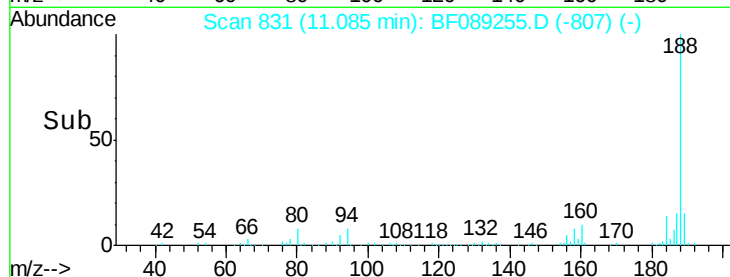
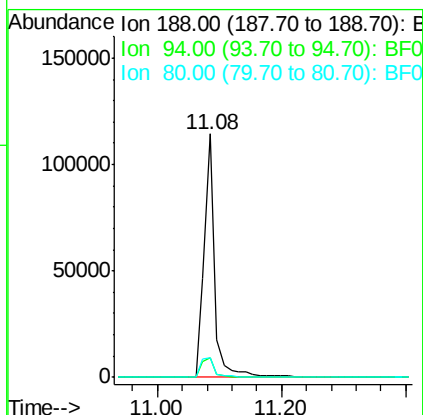
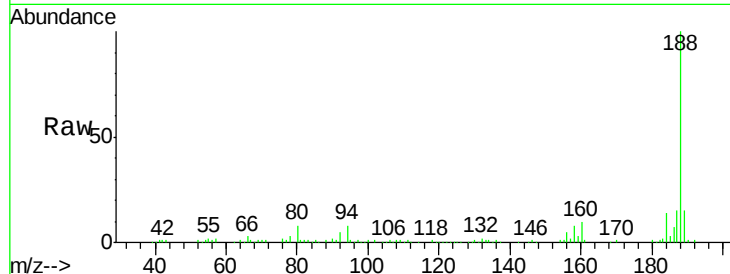




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089255.D
Acq: 24 Jul 2016 2:33

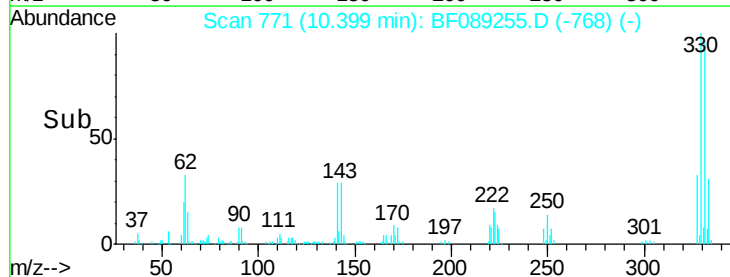
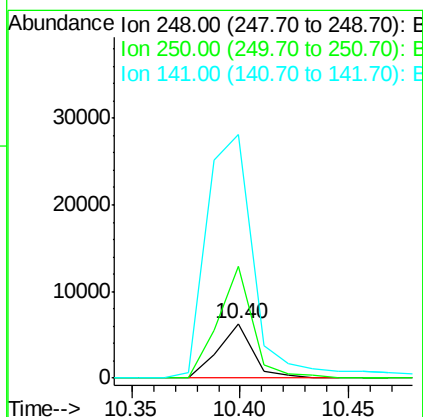
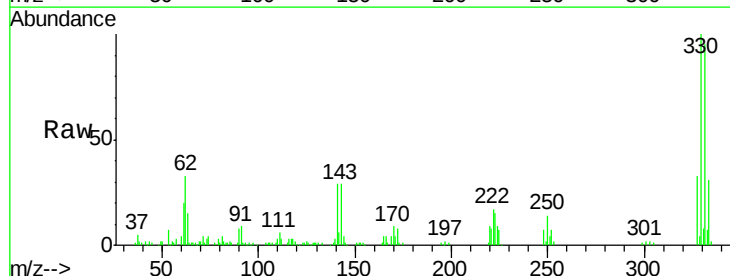
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0

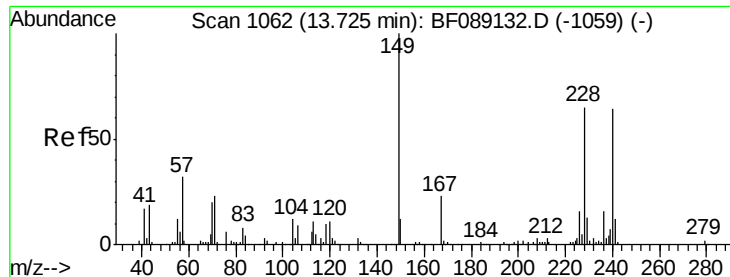
Tgt Ion:188 Resp: 137110
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.2 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089255.D
Acq: 24 Jul 2016 2:33

Tgt Ion:248 Resp: 6941
Ion Ratio Lower Upper
248 100
250 204.3 76.9 115.3#
141 444.3 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: BF089255.D

Acq: 24 Jul 2016 2:33

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

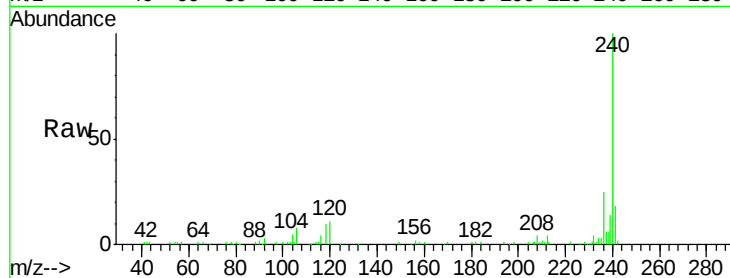
Tgt Ion:240 Resp: 88093

Ion Ratio Lower Upper

240 100

120 11.0 13.6 20.4#

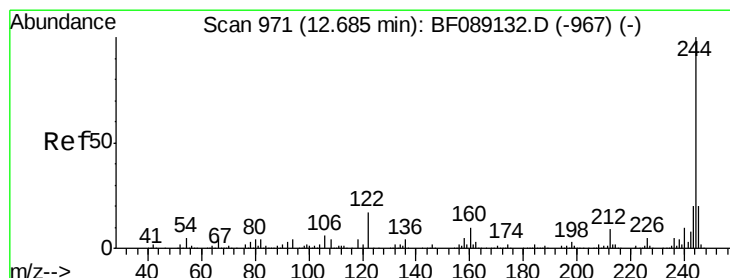
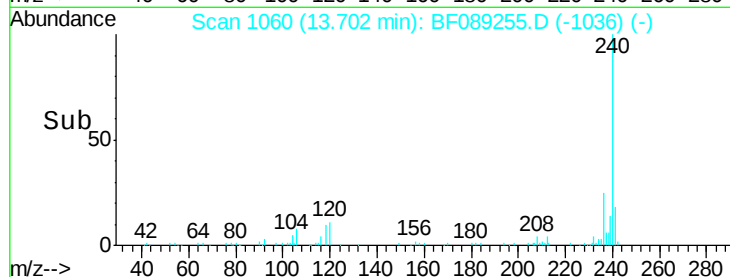
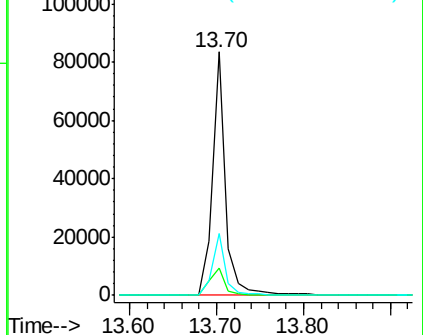
236 25.3 20.5 30.7



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: 87.31 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF089255.D

Acq: 24 Jul 2016 2:33

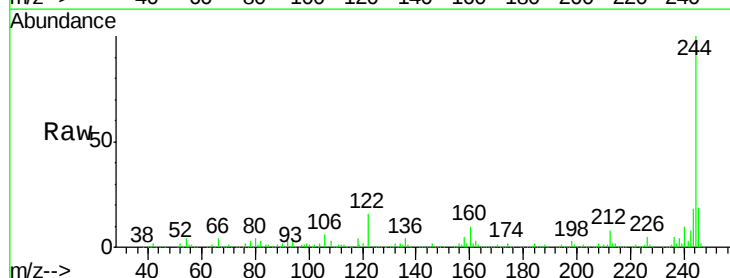
Tgt Ion:244 Resp: 354613

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

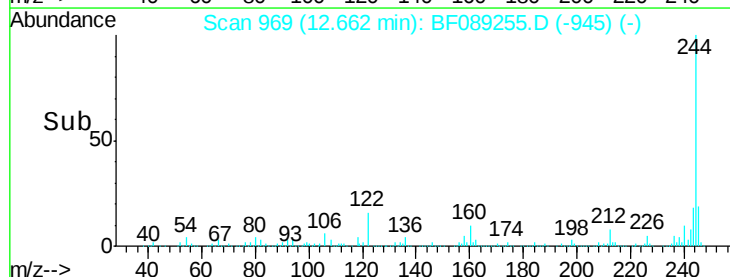
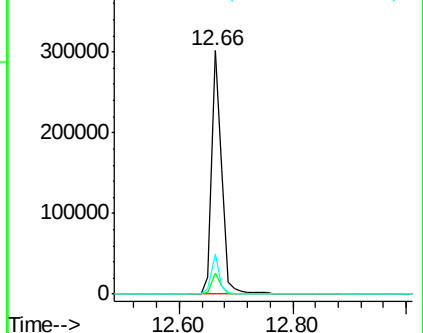
122 16.3 13.8 20.8

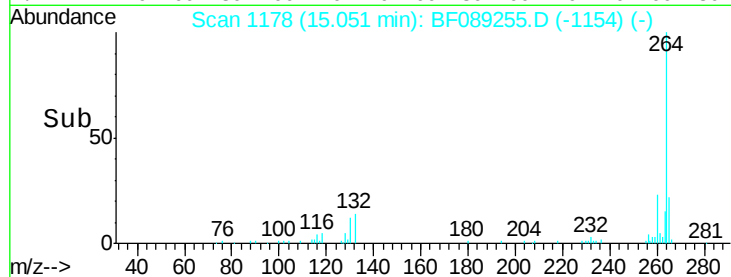
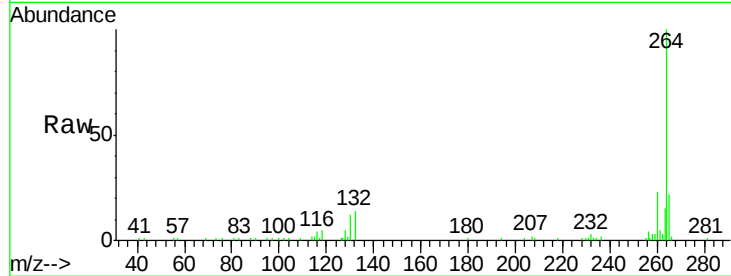
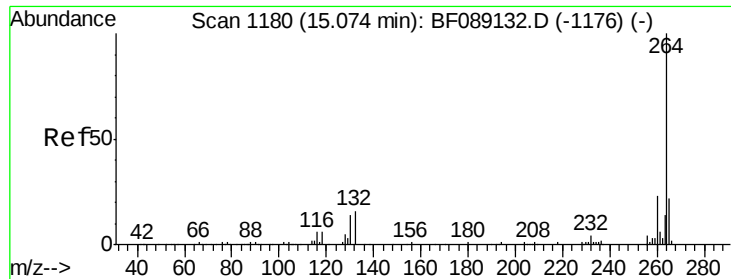


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089255.D
Acq: 24 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.0	17.3	25.9

