

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089221.D
 Acq On : 23 Jul 2016 6:51
 Operator : UM/SJ
 Sample : H4129-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-5.0-7.0

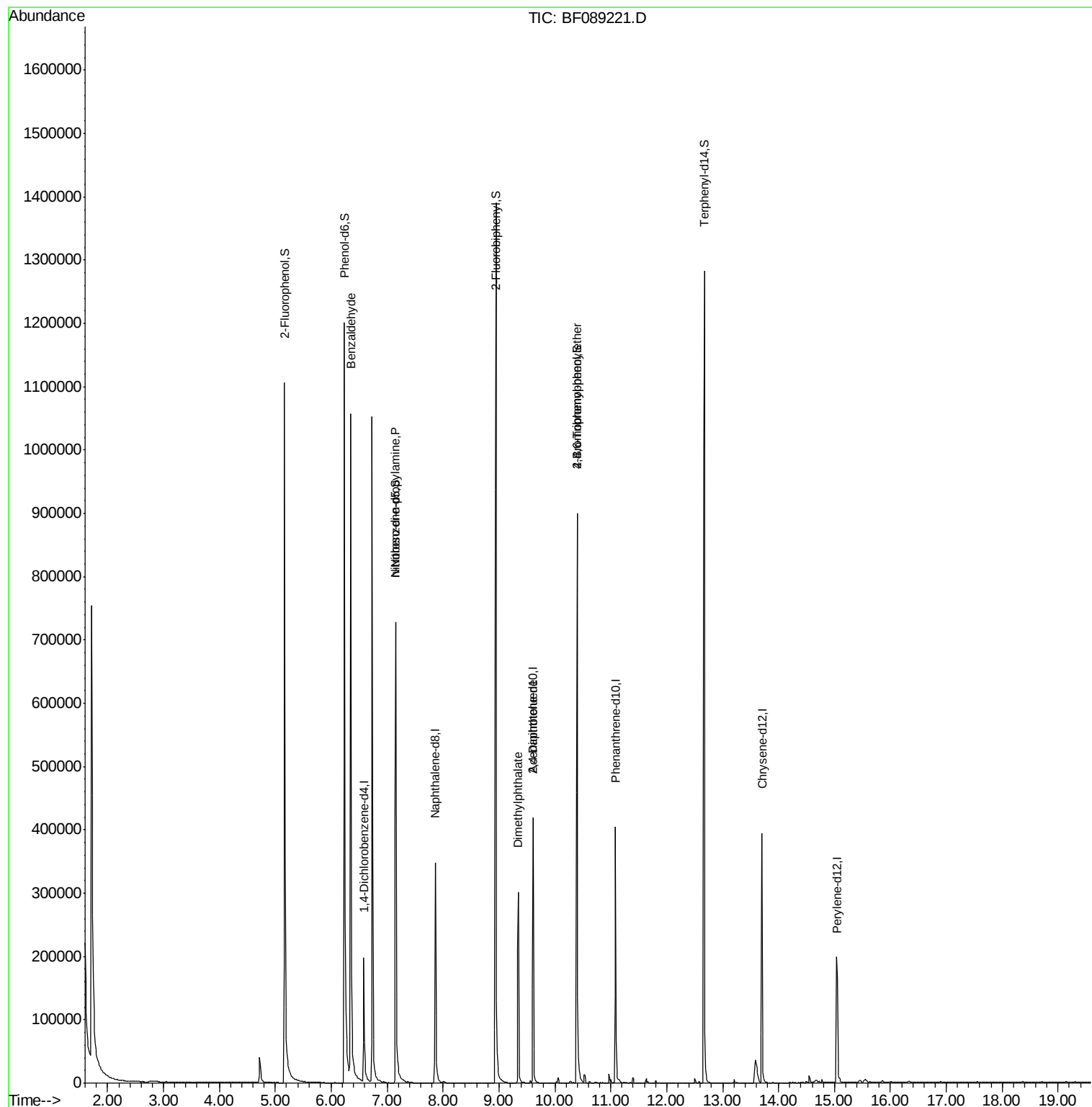
Quant Time: Jul 25 01:04:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

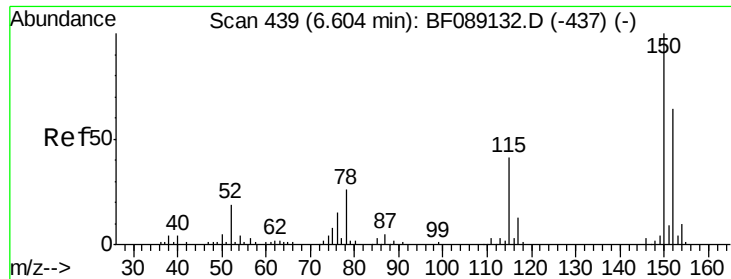
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46004	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	203498	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	98139	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	186417	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	146654	20.00	ng	-0.02
86) Perylene-d12	15.05	264	109034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	411930	136.18	ng	-0.02
7) Phenol-d6	6.24	99	586382	150.33	ng	-0.03
23) Nitrobenzene-d5	7.15	82	365664	95.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	120418	136.28	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	644478	90.48	ng	-0.02
78) Terphenyl-d14	12.67	244	560714	82.93	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	10498	3.87	ng	84
19) n-Nitroso-di-n-propylamine	7.15	70	48403	18.97	ng	# 78
49) Dimethylphthalate	9.35	163	188908	25.08	ng	100
56) 2,4-Dinitrotoluene	9.61	165	12103	5.53	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9259	5.02	ng	# 1

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

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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

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Instrument :

BNA_F

ClientSampleId :

KMW-03-5.0-7.0

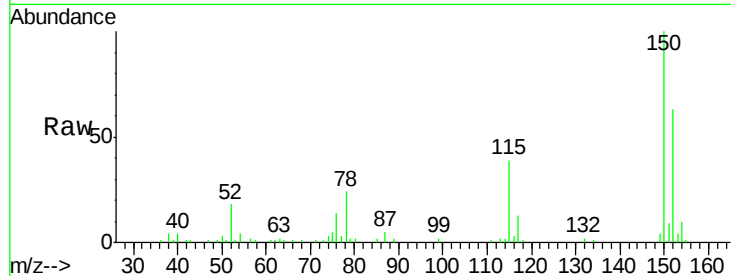
Tgt Ion:152 Resp: 46004

Ion Ratio Lower Upper

152 100

150 158.9 125.1 187.7

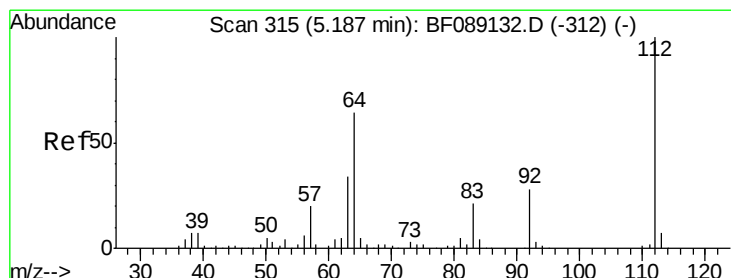
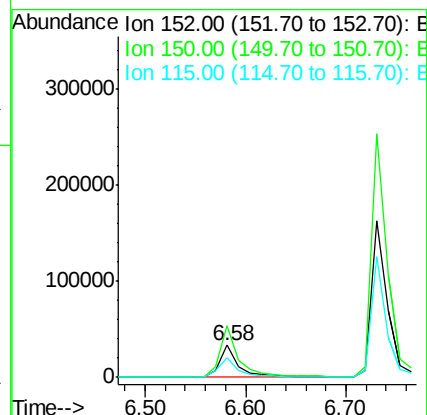
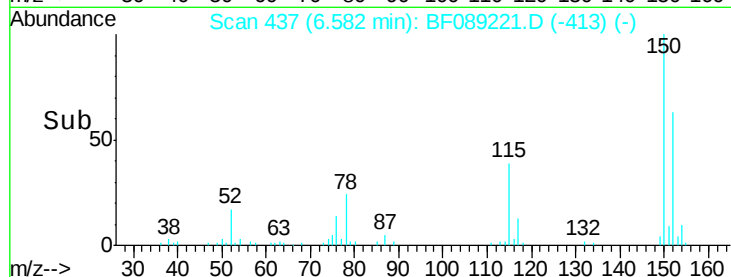
115 62.7 51.1 76.7



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: 136.18 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089221.D

Acq: 23 Jul 2016 6:51

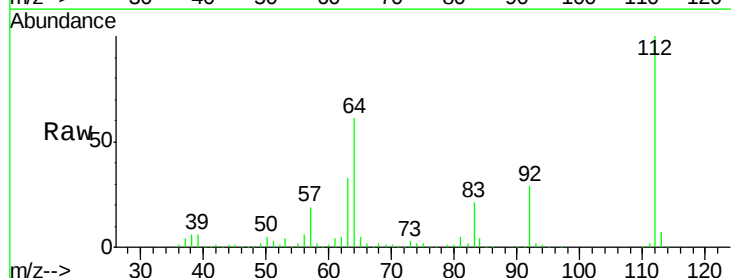
Tgt Ion:112 Resp: 411930

Ion Ratio Lower Upper

112 100

64 61.1 51.0 76.4

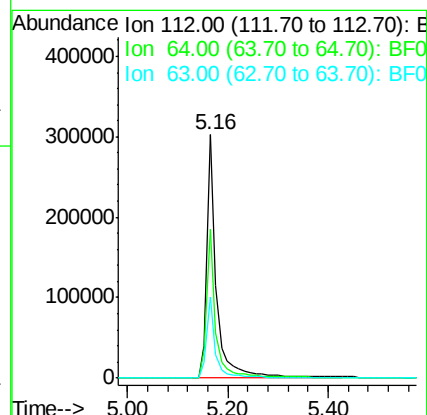
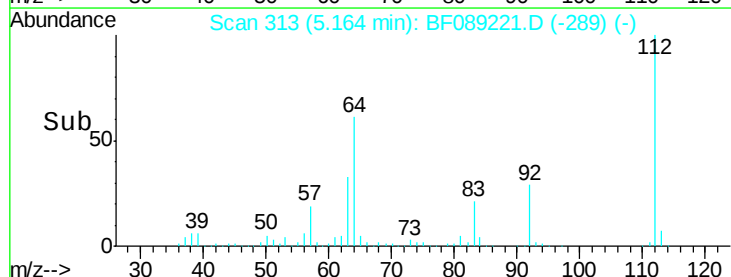
63 33.1 27.3 40.9

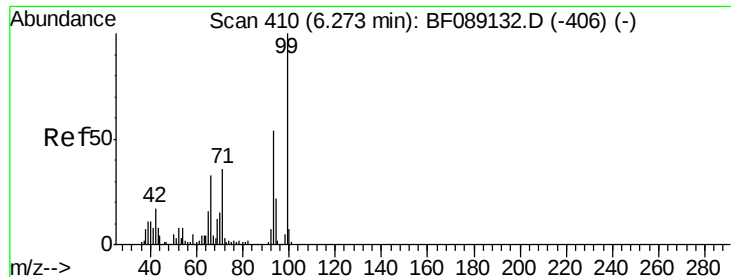


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.33 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089221.D

Acq: 23 Jul 2016 6:51

Instrument :

BNA_F

ClientSampleId :

KMW-03-5.0-7.0

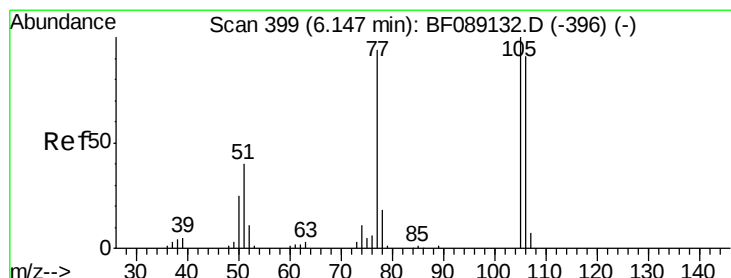
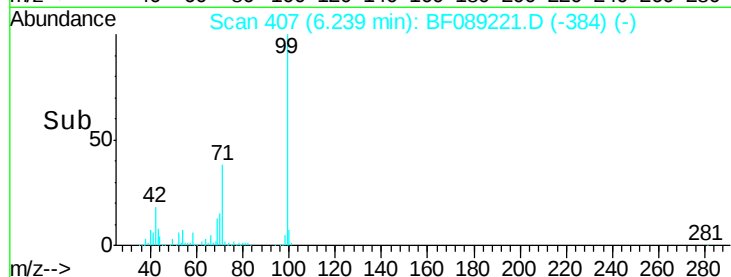
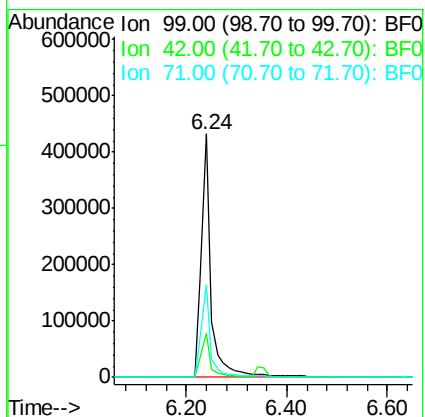
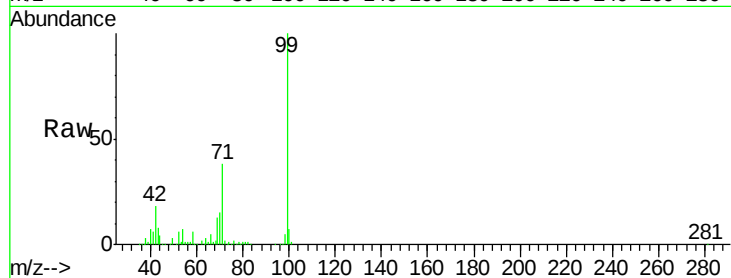
Tgt Ion: 99 Resp: 586382

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 38.0 28.9 43.3



#9

Benzaldehyde

Concen: 3.87 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089221.D

Acq: 23 Jul 2016 6:51

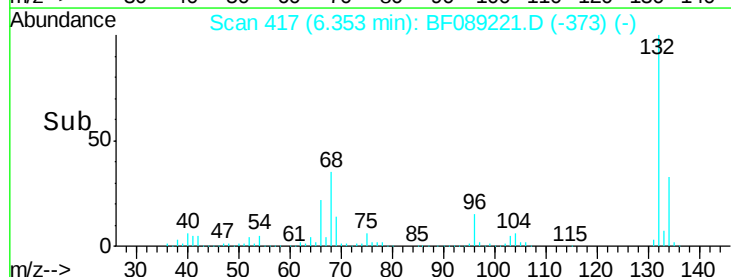
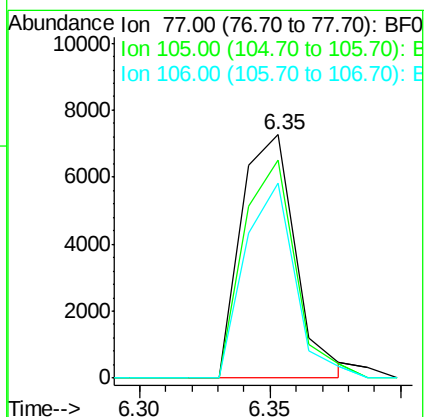
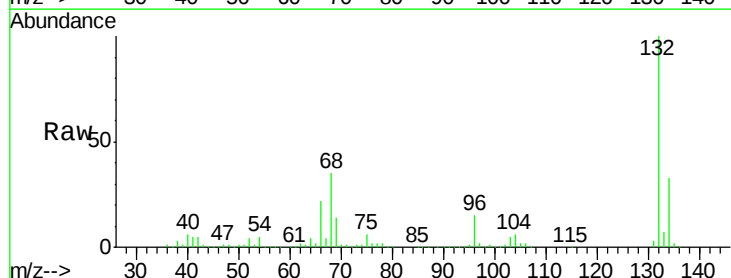
Tgt Ion: 77 Resp: 10498

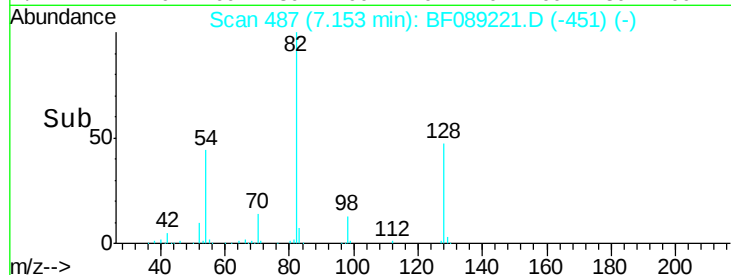
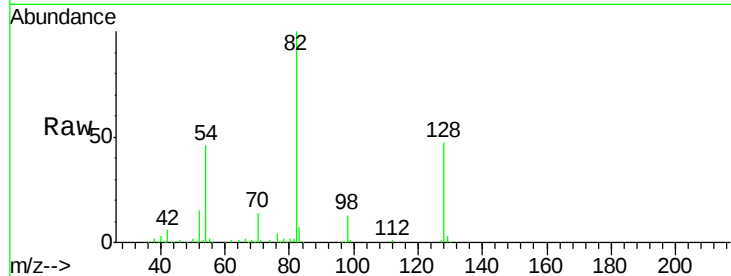
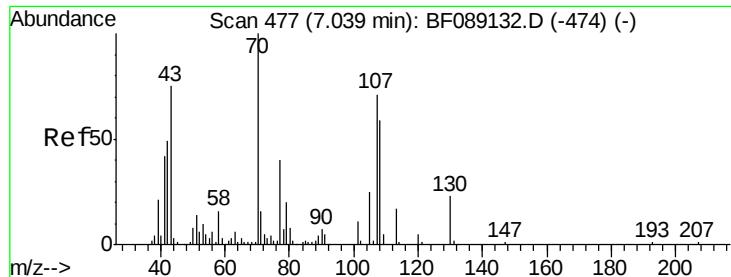
Ion Ratio Lower Upper

77 100

105 89.7 86.2 126.2

106 80.1 76.3 116.3

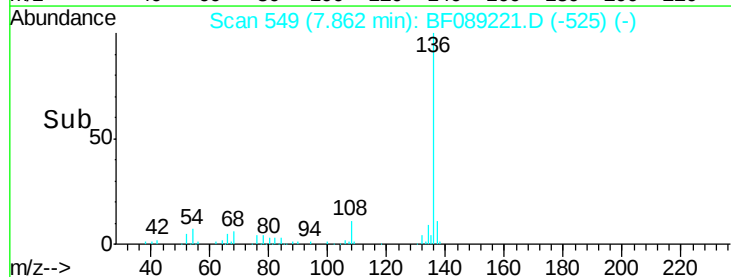
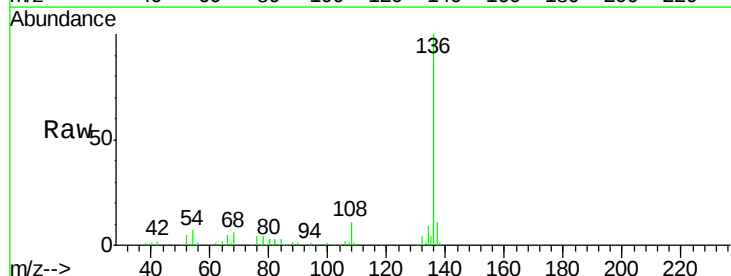
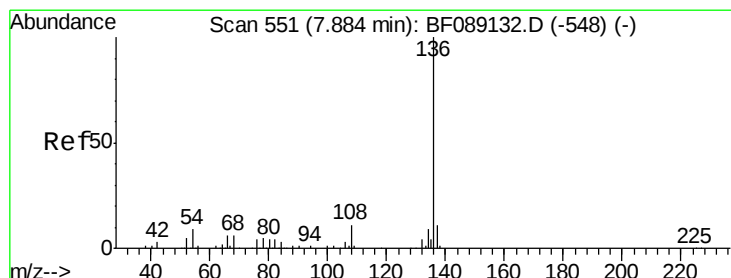
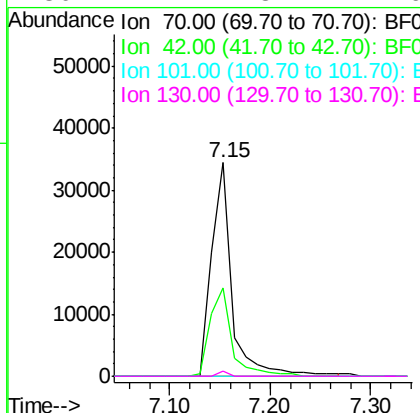




#19
n-Nitroso-di-n-propylamine
Concen: 18.97 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089221.D
Acq: 23 Jul 2016 6:51

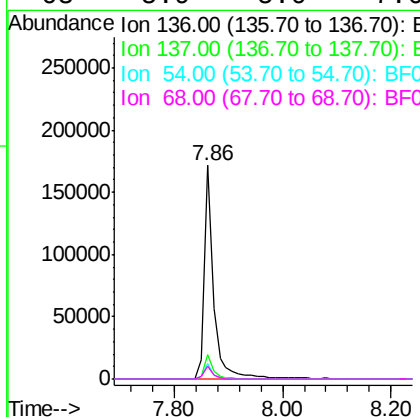
Instrument :
BNA_F
ClientSampleId :
KMW-03-5.0-7.0

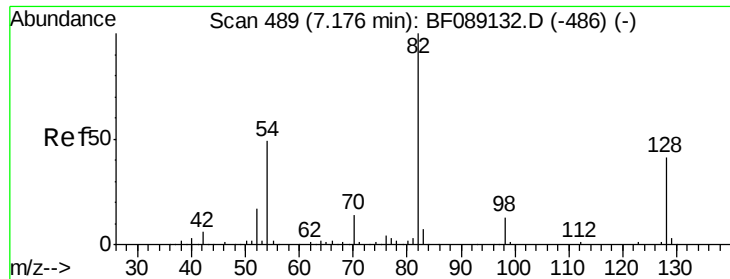
Tgt Ion: 70 Resp: 48403
Ion Ratio Lower Upper
70 100
42 41.6 39.2 58.8
101 0.0 8.5 12.7#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089221.D
Acq: 23 Jul 2016 6:51

Tgt Ion: 136 Resp: 203498
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 7.0 10.4
68 5.9 5.0 7.6

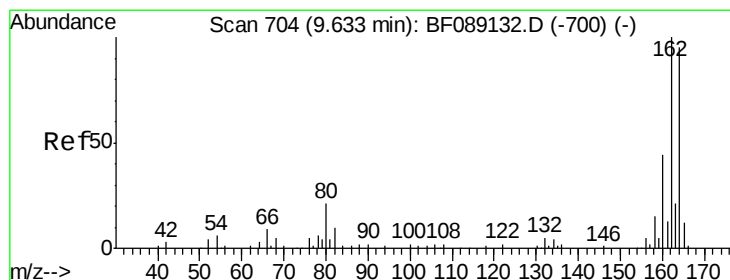
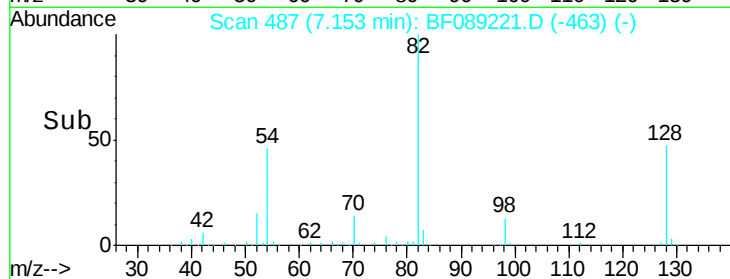
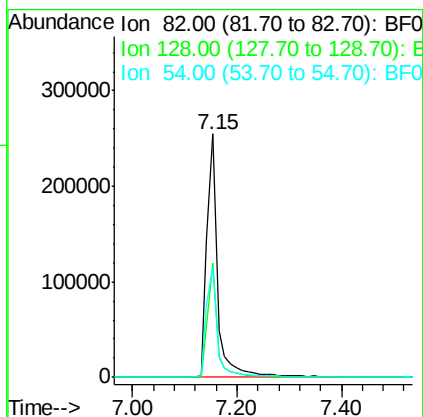
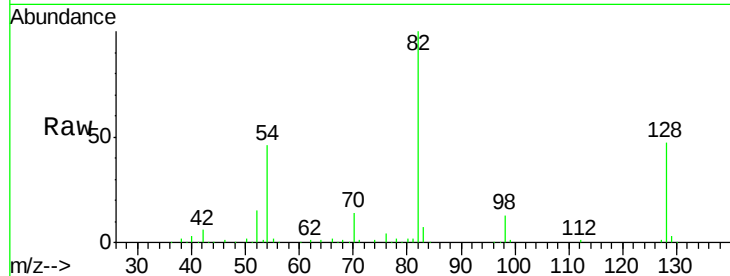




#23
 Nitrobenzene-d5
 Concen: 95.48 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089221.D
 Acq: 23 Jul 2016 6:51

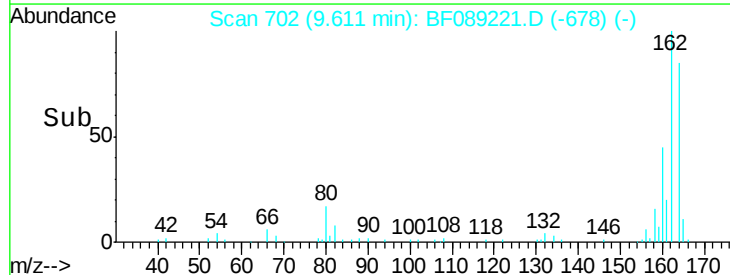
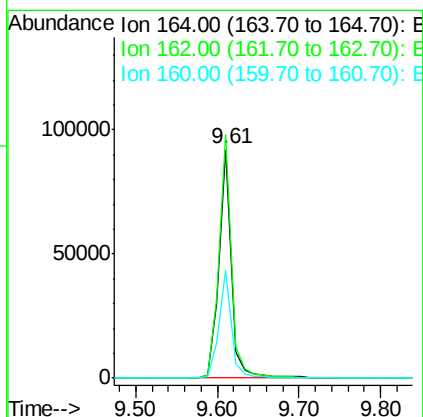
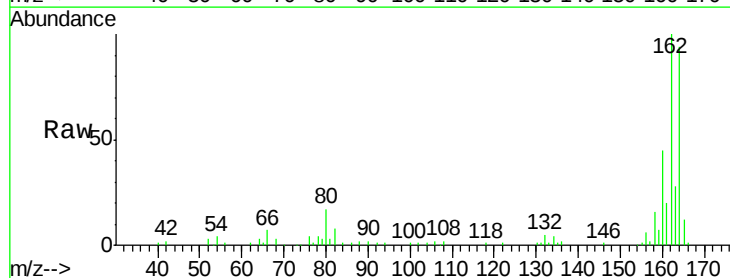
Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-5.0-7.0

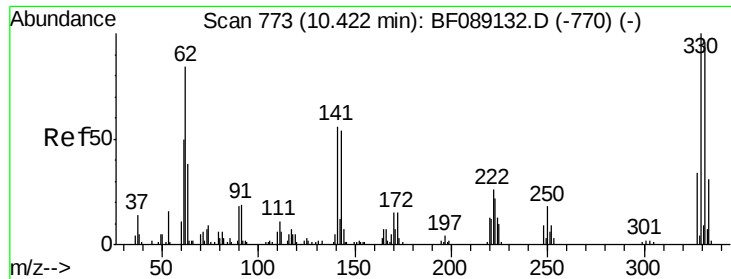
Tgt Ion: 82 Resp: 365664
 Ion Ratio Lower Upper
 82 100
 128 46.7 33.0 49.6
 54 45.5 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089221.D
 Acq: 23 Jul 2016 6:51

Tgt Ion: 164 Resp: 98139
 Ion Ratio Lower Upper
 164 100
 162 106.6 84.1 126.1
 160 47.5 37.1 55.7

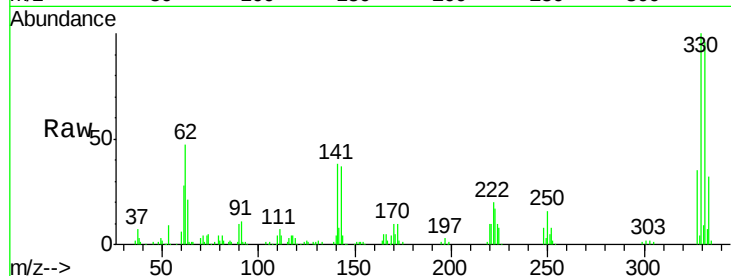




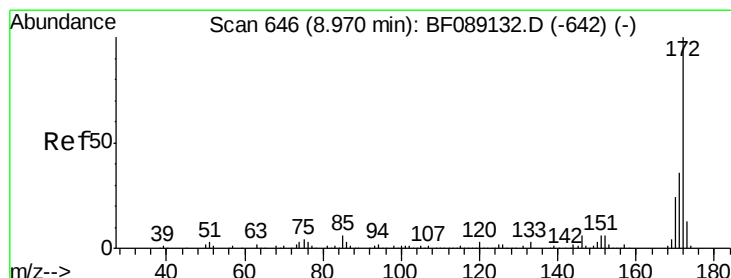
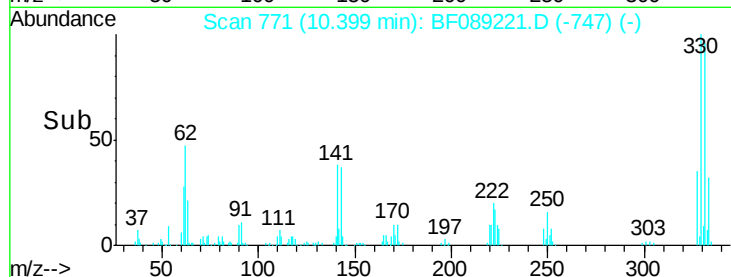
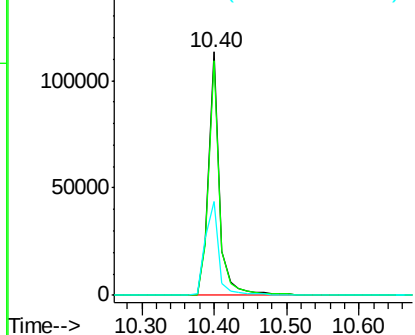
#41
 2,4,6-Tribromophenol
 Concen: 136.28 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089221.D
 Acq: 23 Jul 2016 6:51

Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-5.0-7.0

Tgt Ion: 330 Resp: 120418
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 47.2 42.2 63.2

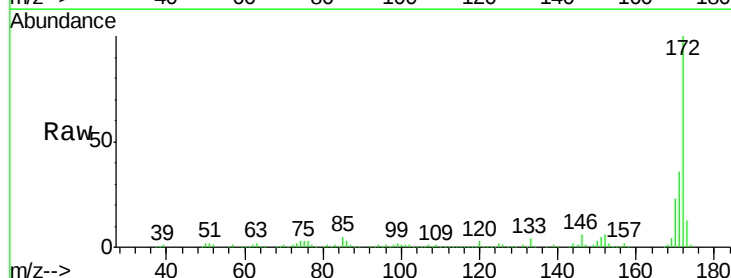


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

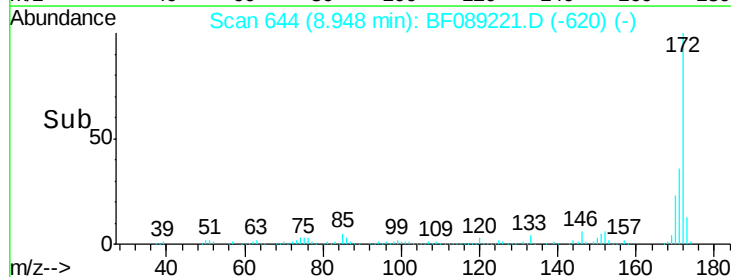
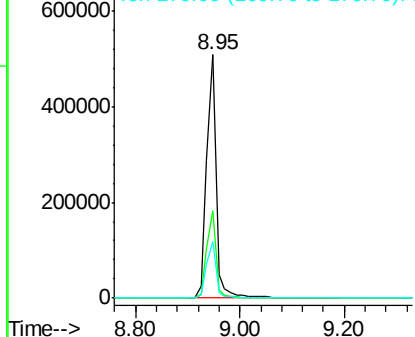


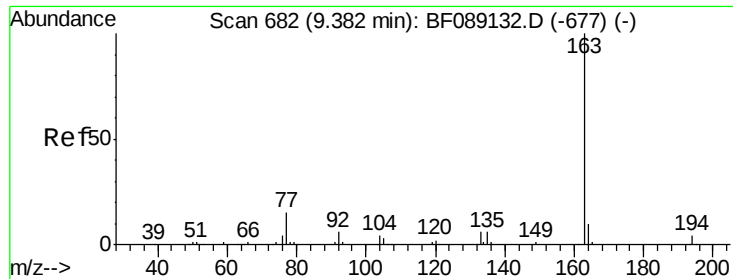
#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089221.D
 Acq: 23 Jul 2016 6:51

Tgt Ion: 172 Resp: 644478
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.3 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

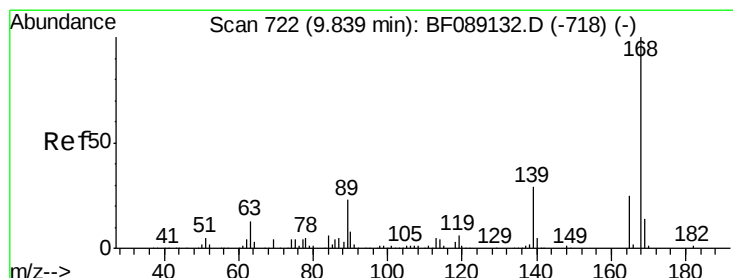
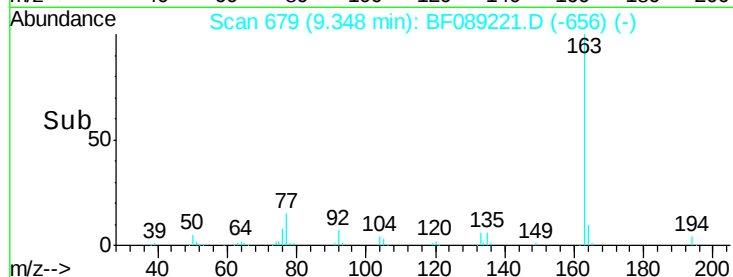
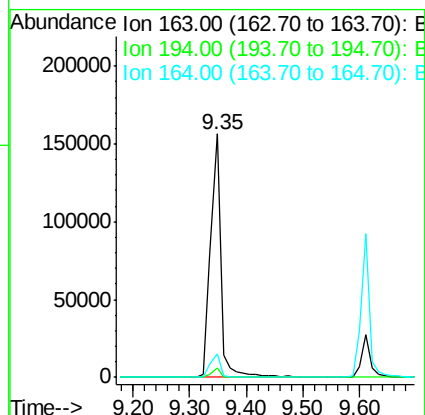
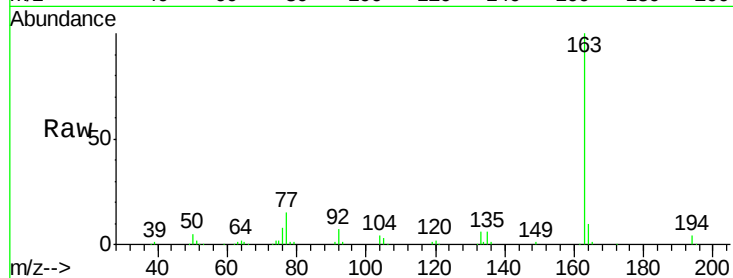




#49
Dimethylphthalate
Concen: 25.08 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089221.D
Acq: 23 Jul 2016 6:51

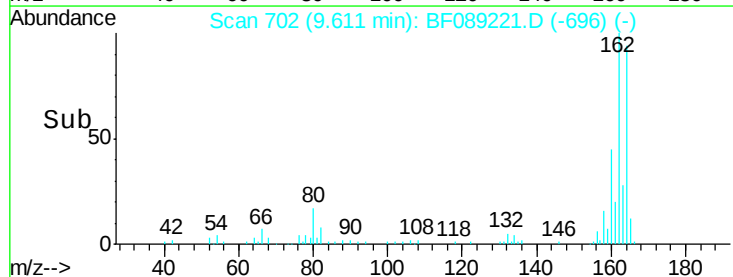
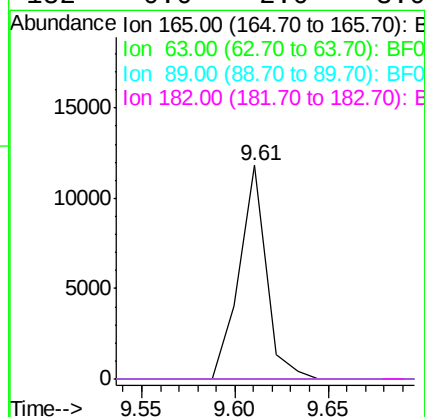
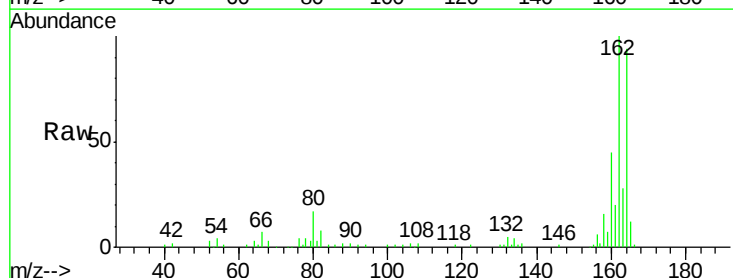
Instrument :
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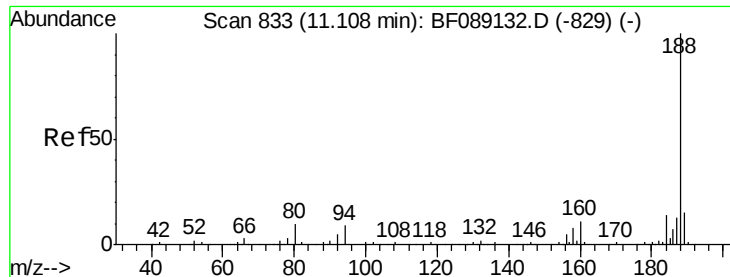
Tgt Ion:163 Resp: 188908
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.5 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089221.D
Acq: 23 Jul 2016 6:51

Tgt Ion:165 Resp: 12103
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#

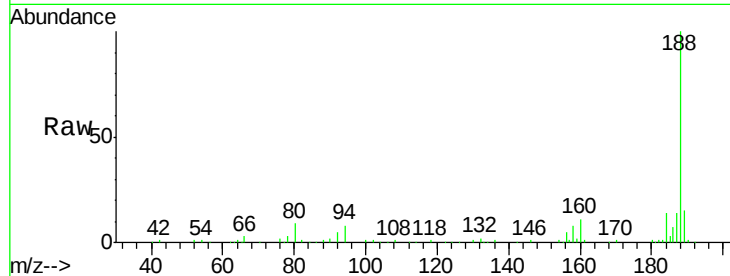




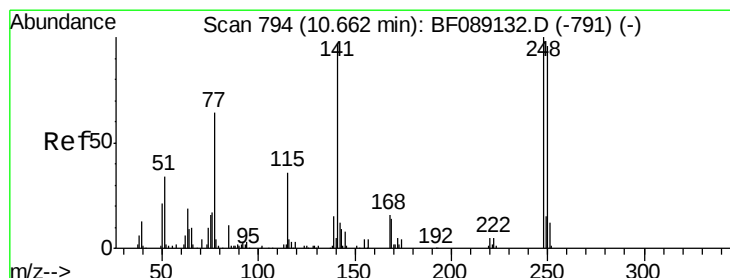
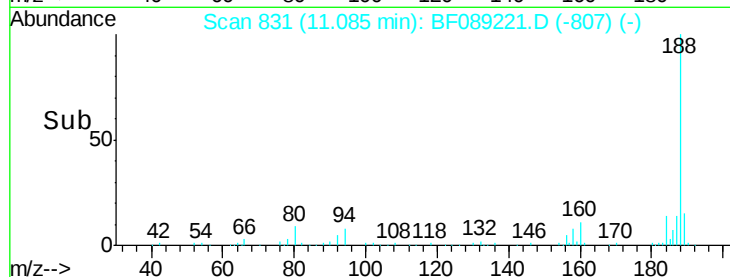
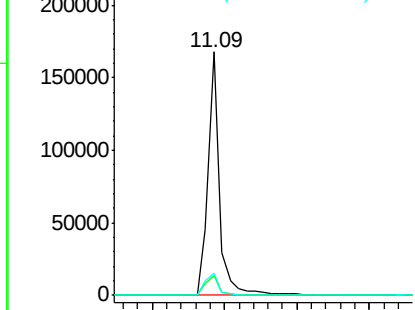
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089221.D
Acq: 23 Jul 2016 6:51

Instrument :
BNA_F
ClientSampleId :
KMW-03-5.0-7.0

Tgt Ion:188 Resp: 186417
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.1 7.7 11.5

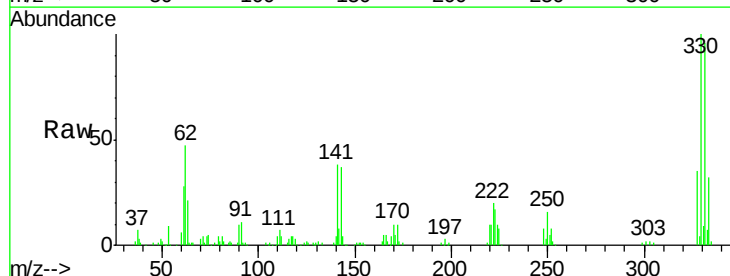


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

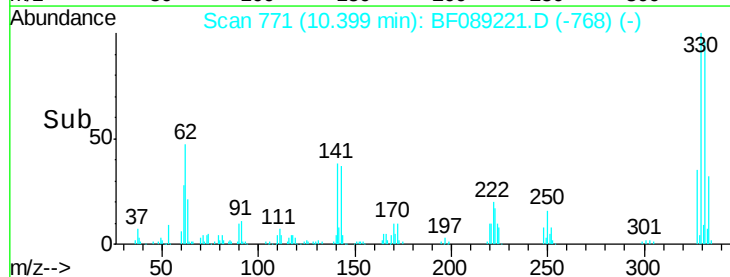
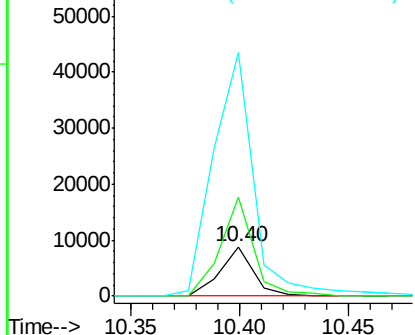


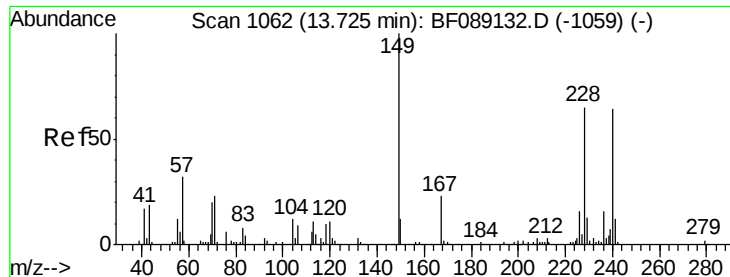
#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089221.D
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Tgt Ion:248 Resp: 9259
Ion Ratio Lower Upper
248 100
250 199.8 76.9 115.3#
141 494.0 77.4 116.2#



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: BF089221.D

Acq: 23 Jul 2016 6:51

Instrument :

BNA_F

ClientSampleId :

KMW-03-5.0-7.0

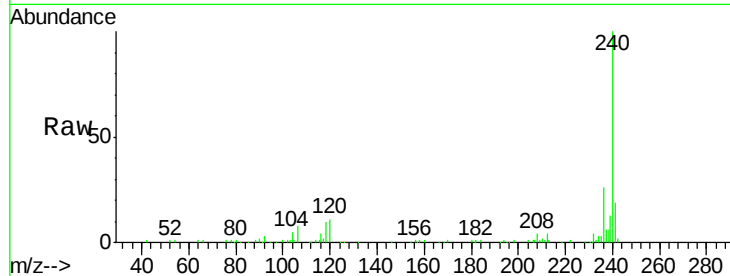
Tgt Ion:240 Resp: 146654

Ion Ratio Lower Upper

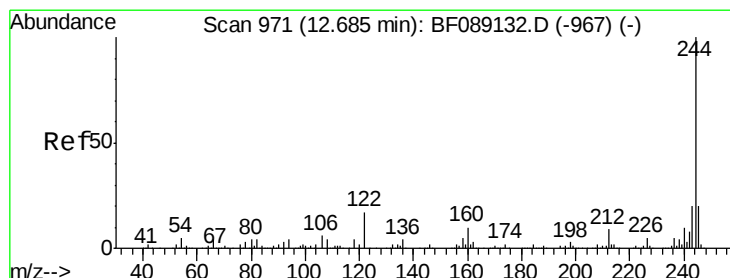
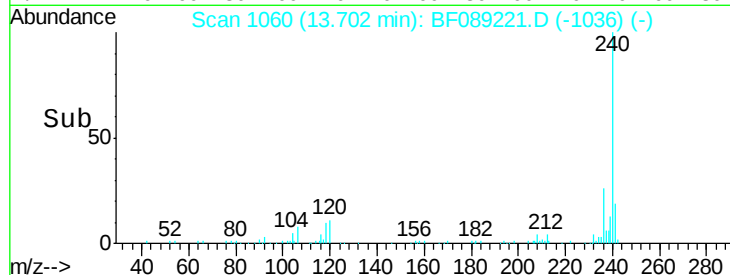
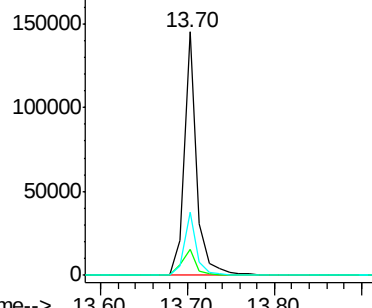
240 100

120 10.9 13.6 20.4#

236 25.7 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: 82.93 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089221.D

Acq: 23 Jul 2016 6:51

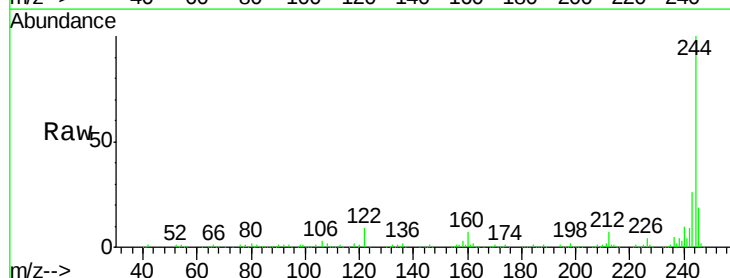
Tgt Ion:244 Resp: 560714

Ion Ratio Lower Upper

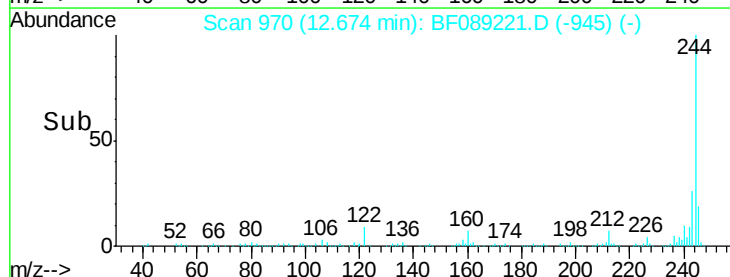
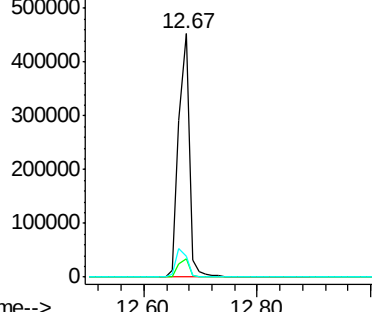
244 100

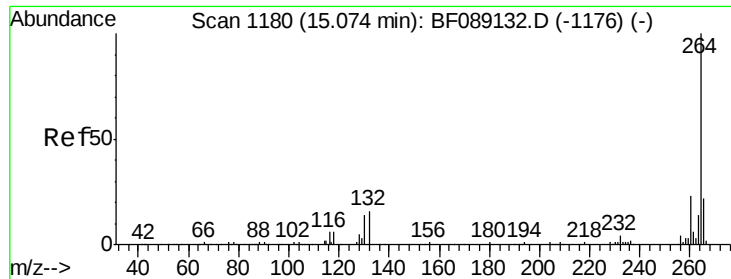
212 7.3 7.0 10.4

122 8.6 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: BF089221.D
Acq: 23 Jul 2016 6:51

Instrument :
BNA_F
ClientSampleId :
KMW-03-5.0-7.0

Tgt Ion: 264 Resp: 109034
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.2 17.3 25.9

