

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089281.D
 Acq On : 25 Jul 2016 16:11
 Operator : UM/SJ
 Sample : H4129-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 25 17:18:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

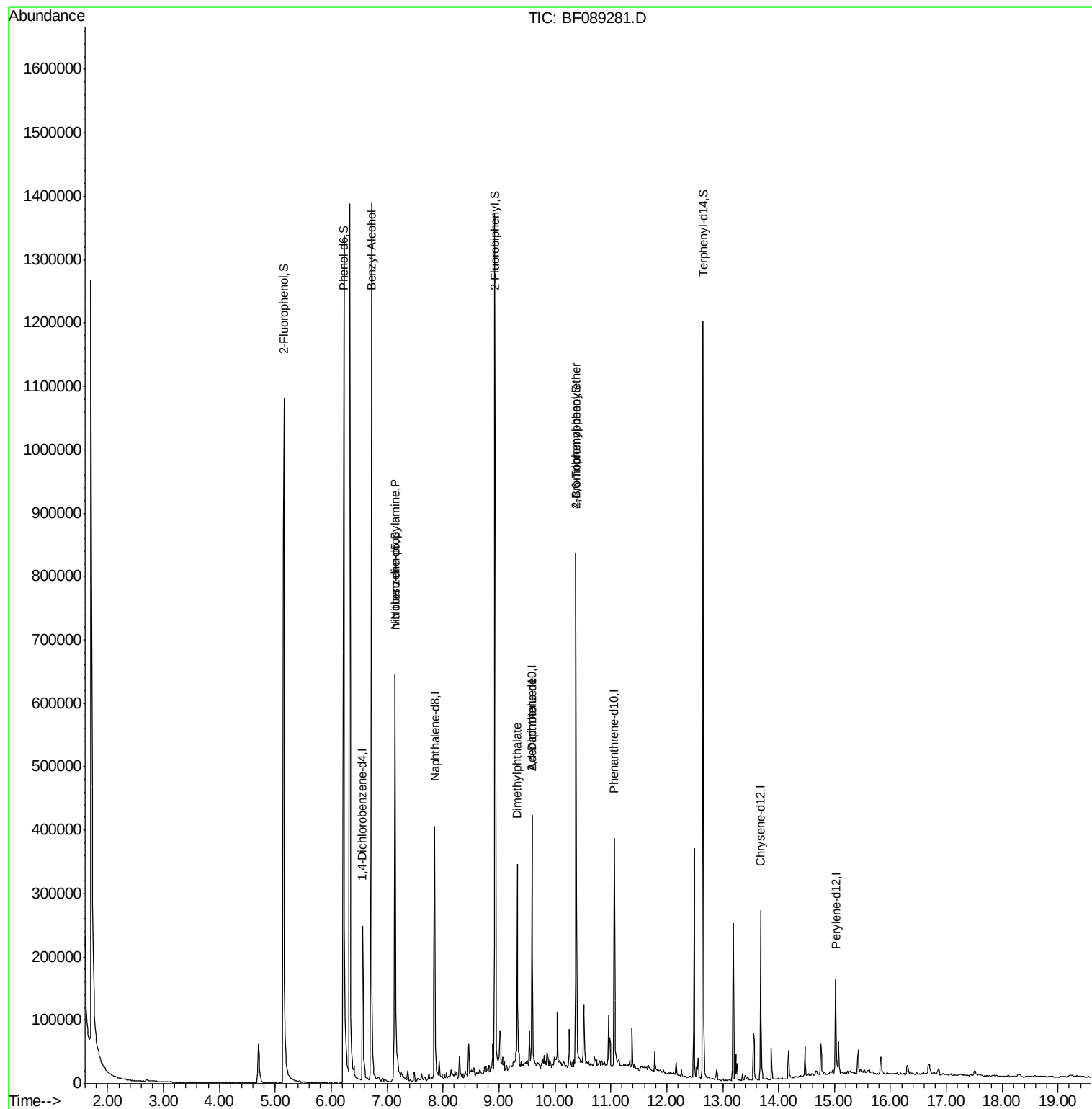
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	51880	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	209258	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	85700	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	144533	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	102201	20.00	ng	-0.01
86) Perylene-d12	15.03	264	80925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	489144	143.39	ng	0.01
7) Phenol-d6	6.23	99	642639	146.09	ng	0.00
23) Nitrobenzene-d5	7.14	82	390577	99.17	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	89923	116.54	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	607345	97.64	ng	-0.01
78) Terphenyl-d14	12.65	244	426964	90.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.72	79	7058	2.19	ng	# 46
19) n-Nitroso-di-n-propylamine	7.14	70	53535	18.61	ng	# 78
49) Dimethylphthalate	9.32	163	121184	18.43	ng	98
56) 2,4-Dinitrotoluene	9.59	165	11799	6.17	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	6737	4.71	ng	# 1

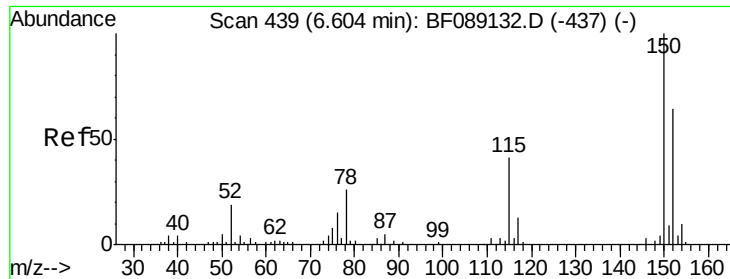
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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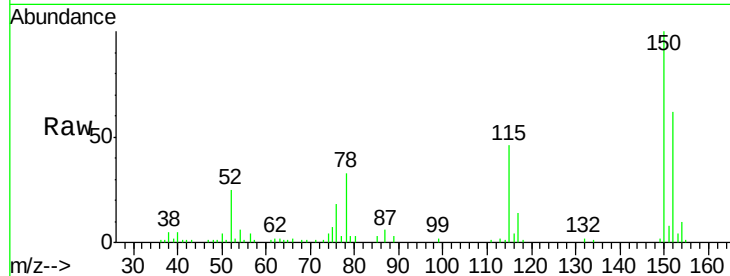


#1

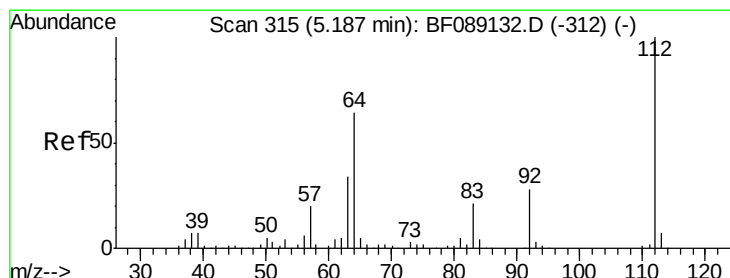
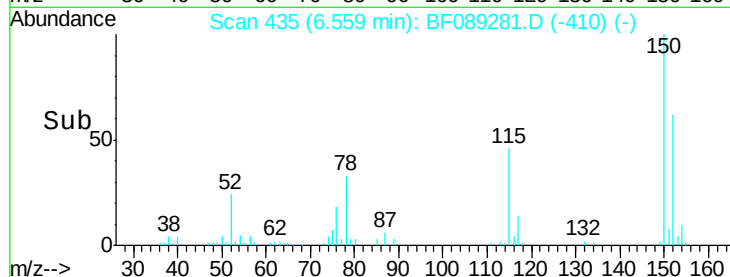
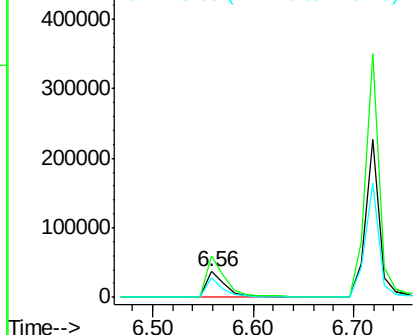
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

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

Tgt Ion:152 Resp: 51880
Ion Ratio Lower Upper
152 100
150 162.0 125.1 187.7
115 74.3 51.1 76.7



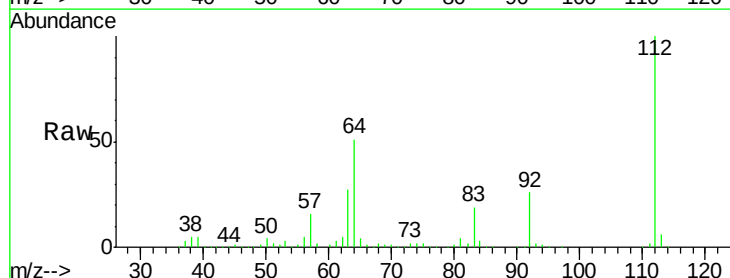
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



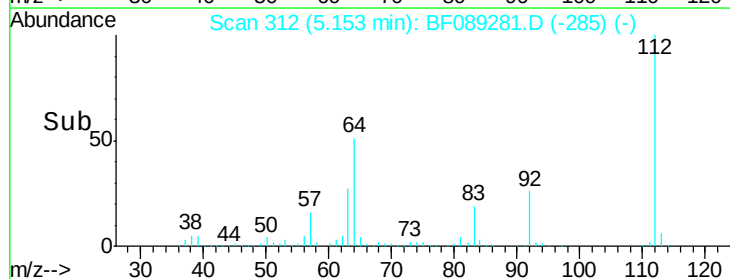
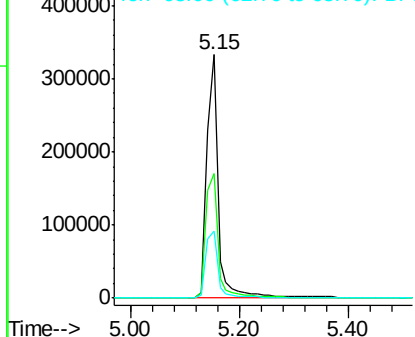
#5

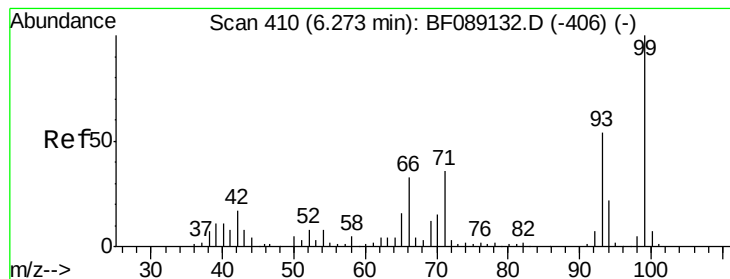
2-Fluorophenol
Concen: 143.39 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

Tgt Ion:112 Resp: 489144
Ion Ratio Lower Upper
112 100
64 51.2 51.0 76.4
63 27.4 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: 146.09 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089281.D

Acq: 25 Jul 2016 16:11

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

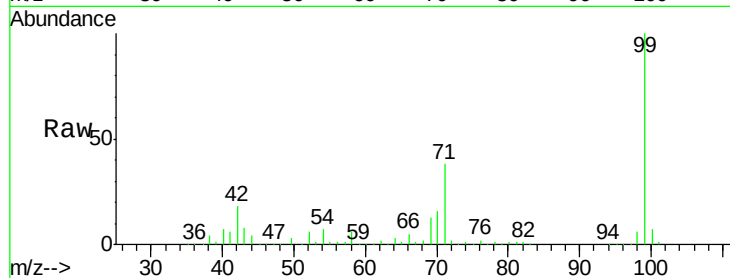
Tgt Ion: 99 Resp: 642639

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

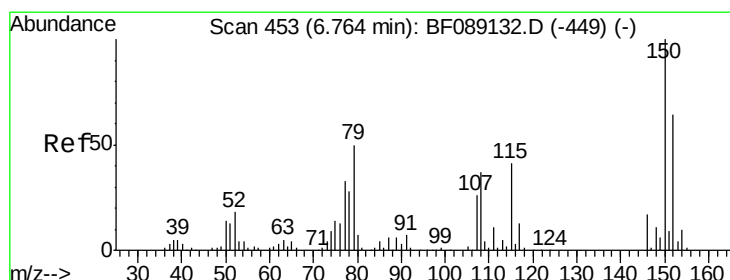
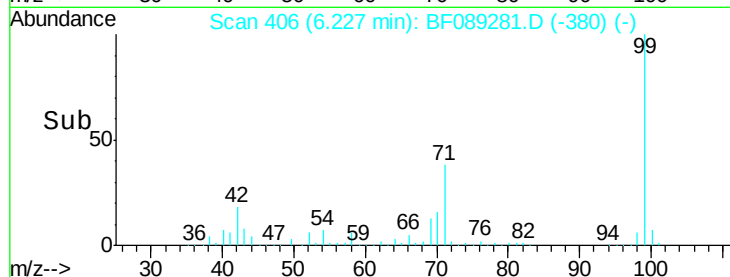
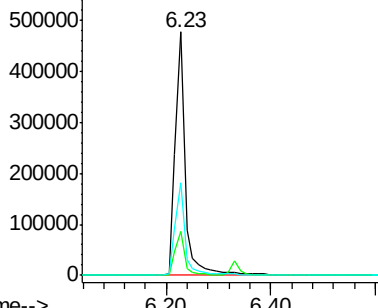
71 38.2 28.9 43.3



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: 2.19 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF089281.D

Acq: 25 Jul 2016 16:11

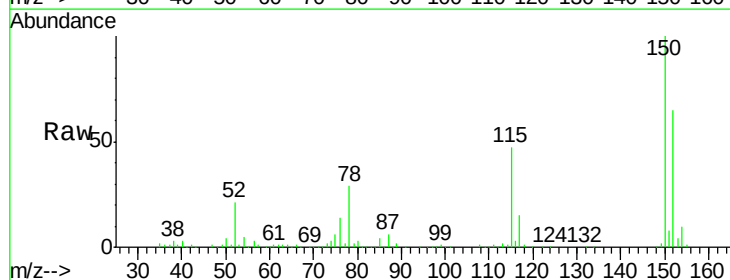
Tgt Ion: 79 Resp: 7058

Ion Ratio Lower Upper

79 100

108 30.6 58.2 87.4#

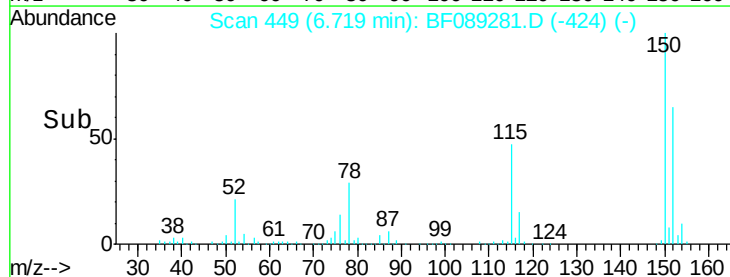
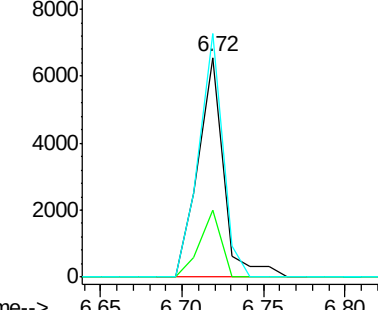
77 111.0 52.2 78.4#

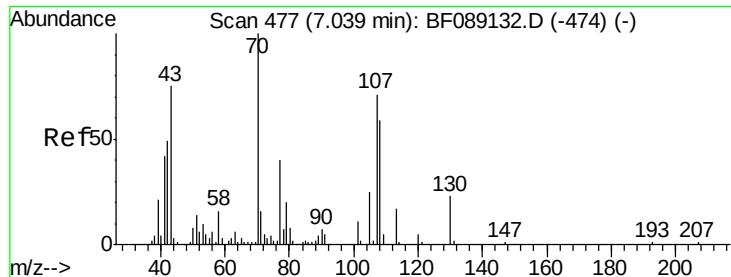


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

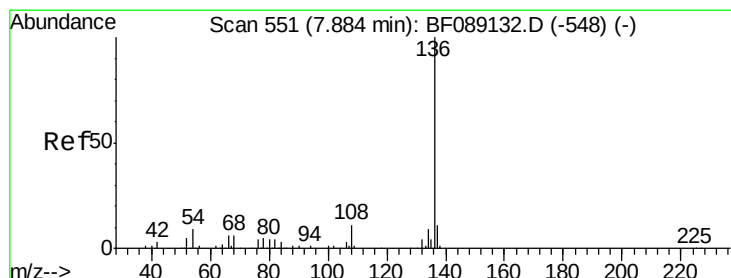
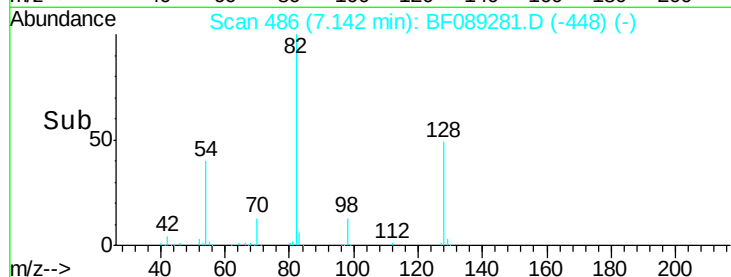
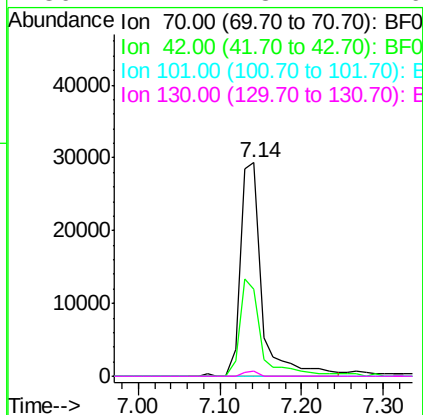
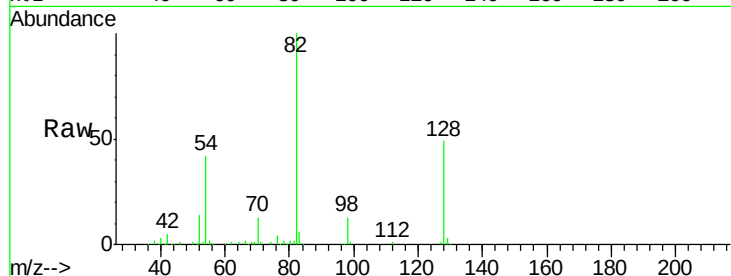




#19
n-Nitroso-di-n-propylamine
Concen: 18.61 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.14 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

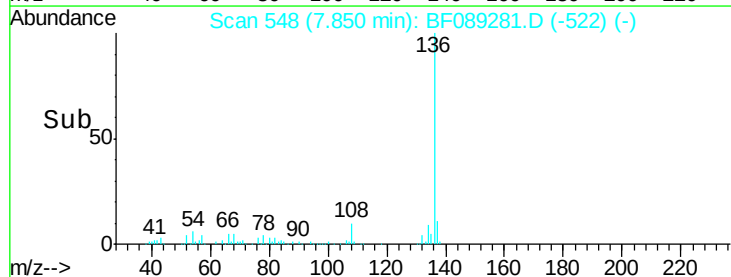
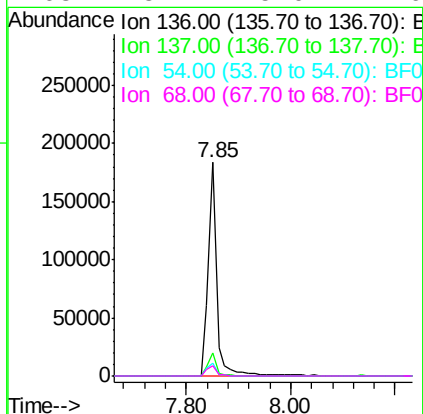
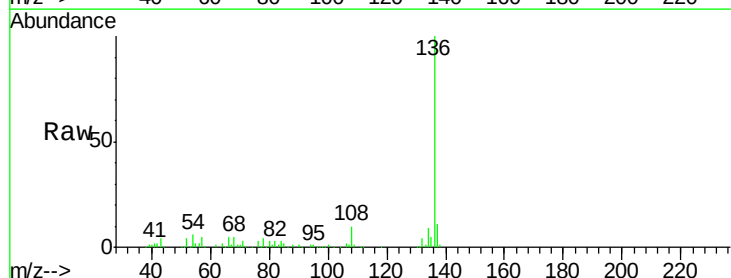
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0

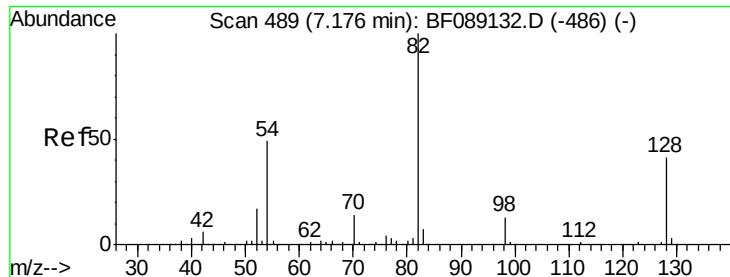
Tgt Ion: 70 Resp: 53535
Ion Ratio Lower Upper
70 100
42 41.0 39.2 58.8
101 0.0 8.5 12.7#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

Tgt Ion: 136 Resp: 209258
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.1 7.0 10.4#
68 5.1 5.0 7.6

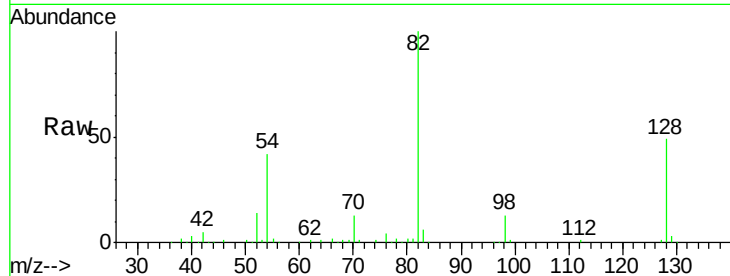




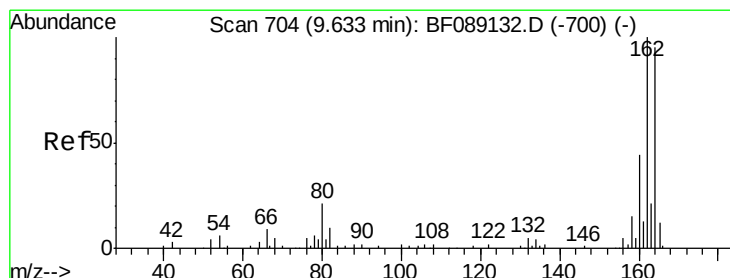
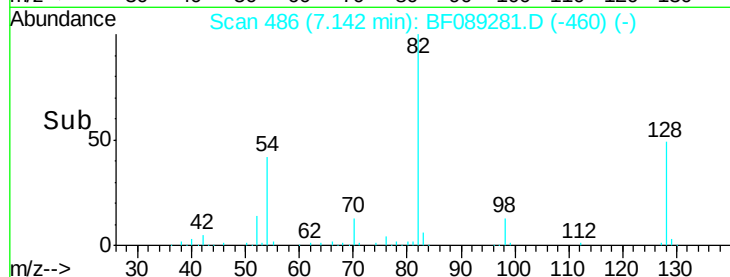
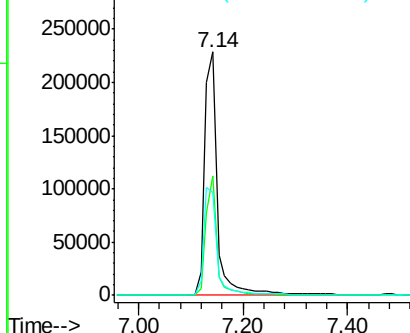
#23
 Nitrobenzene-d5
 Concen: 99.17 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089281.D
 Acq: 25 Jul 2016 16:11

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

Tgt Ion: 82 Resp: 390577
 Ion Ratio Lower Upper
 82 100
 128 48.8 33.0 49.6
 54 42.4 39.0 58.4

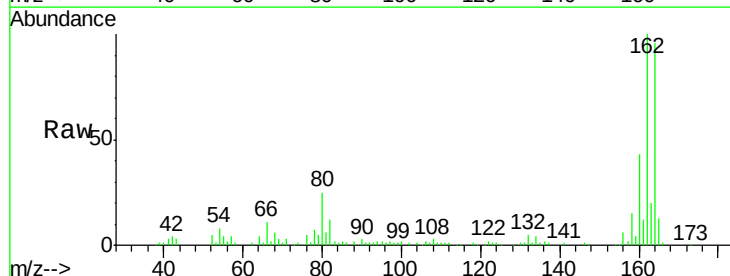


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

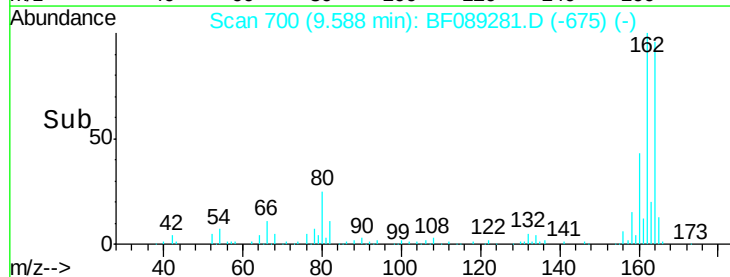
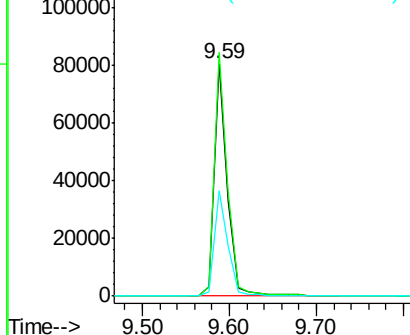


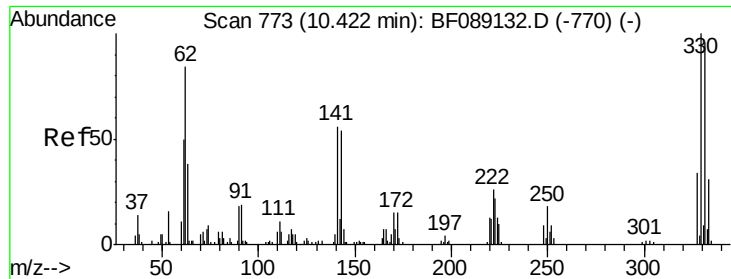
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089281.D
 Acq: 25 Jul 2016 16:11

Tgt Ion: 164 Resp: 85700
 Ion Ratio Lower Upper
 164 100
 162 104.7 84.1 126.1
 160 45.2 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

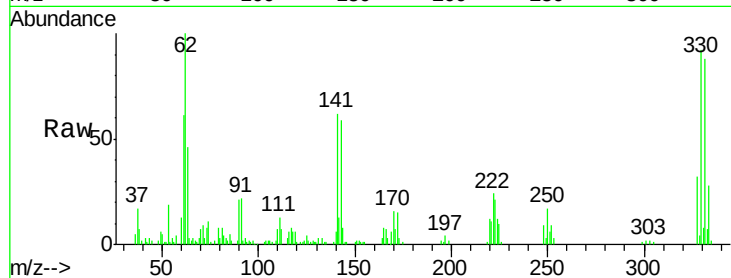




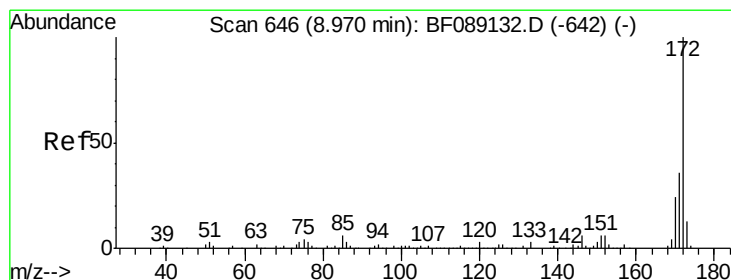
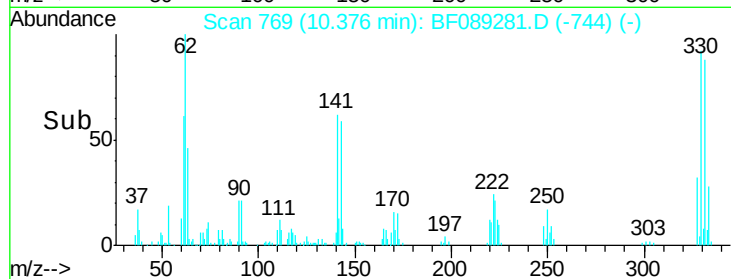
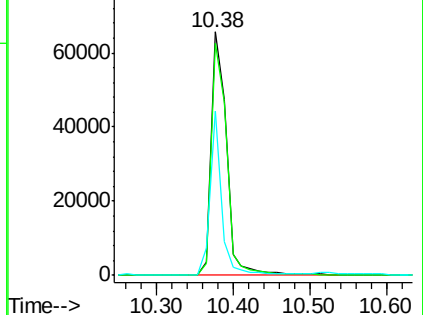
#41
 2,4,6-Tribromophenol
 Concen: 116.54 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089281.D
 Acq: 25 Jul 2016 16:11

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

Tgt Ion:330 Resp: 89923
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 51.7 42.2 63.2

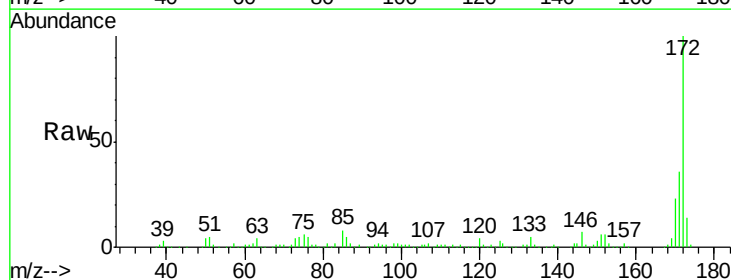


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

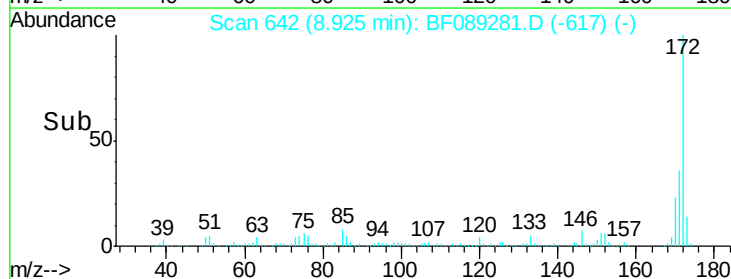
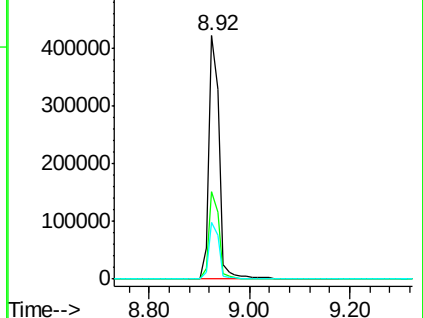


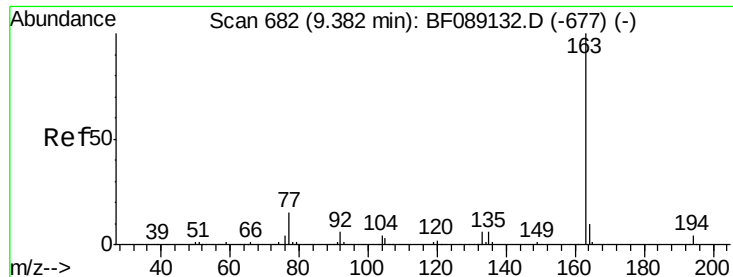
#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089281.D
 Acq: 25 Jul 2016 16:11

Tgt Ion:172 Resp: 607345
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

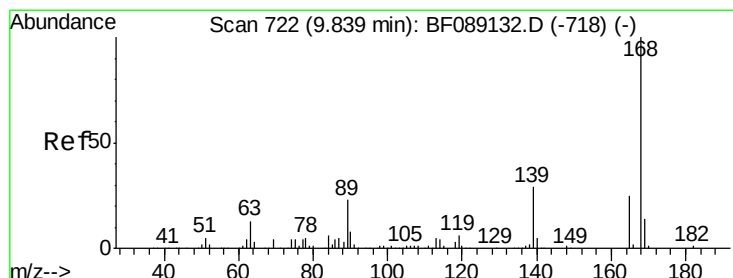
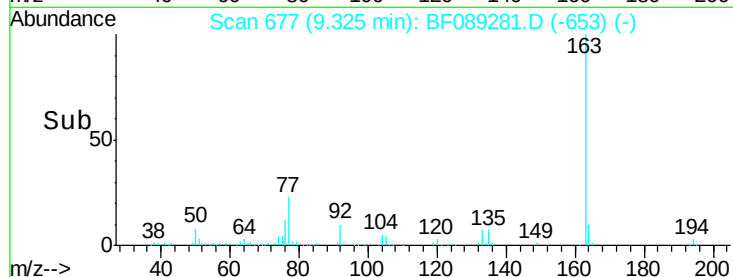
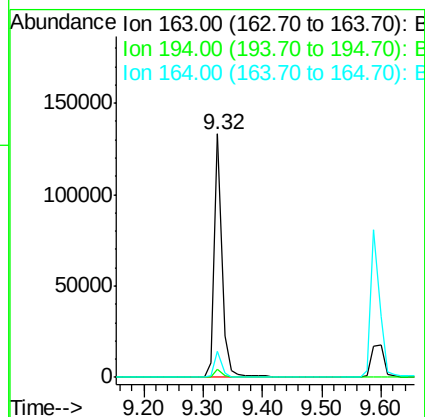
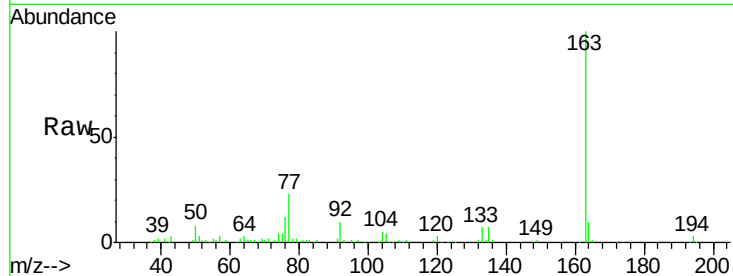




#49
Dimethylphthalate
Concen: 18.43 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

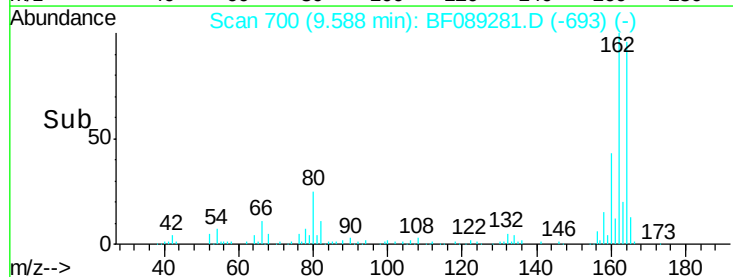
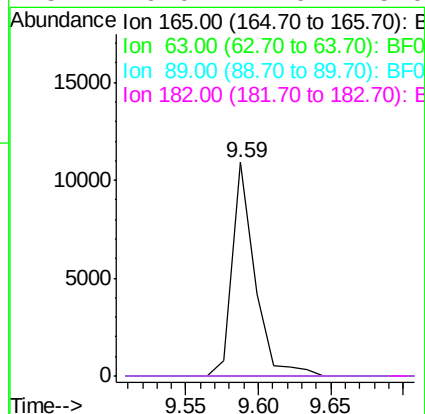
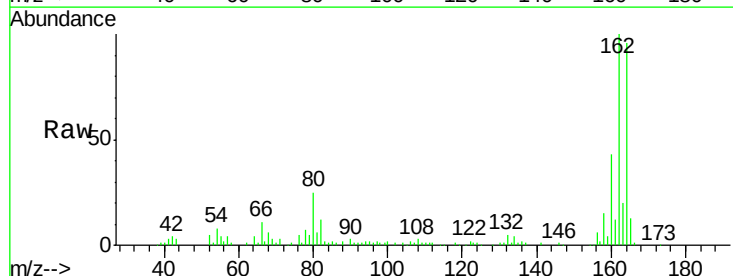
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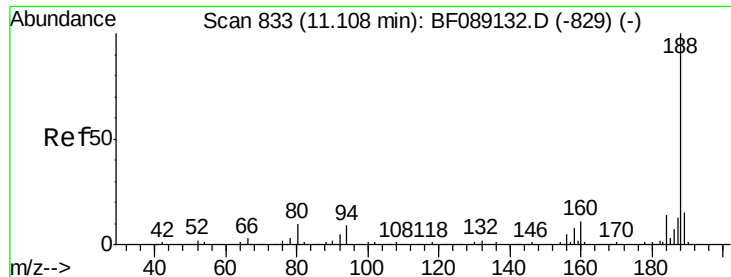
Tgt Ion:163 Resp: 121184
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.5 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

Tgt Ion:165 Resp: 11799
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#

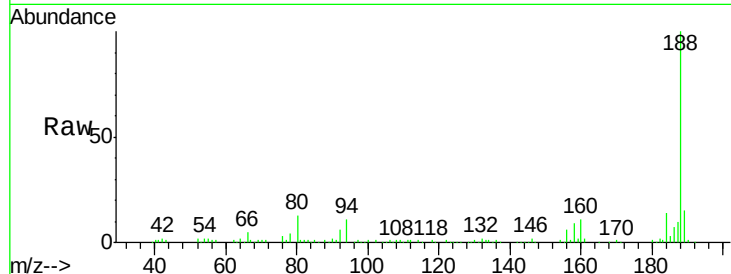




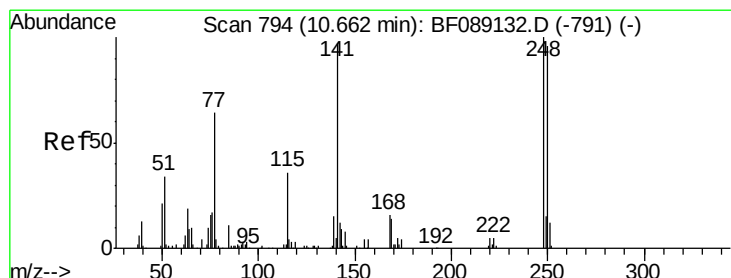
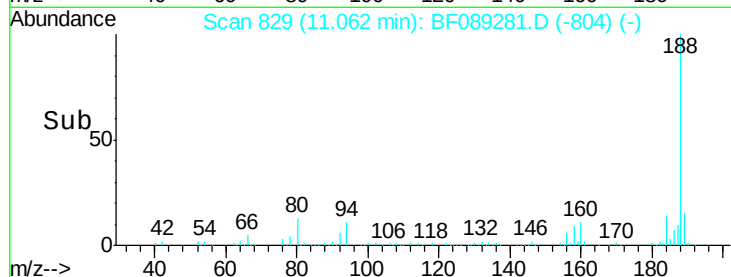
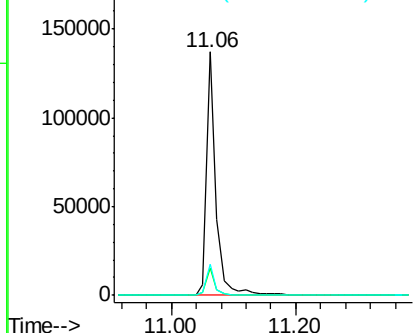
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

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

Tgt Ion:188 Resp: 144533
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.4#
80 12.7 7.7 11.5#

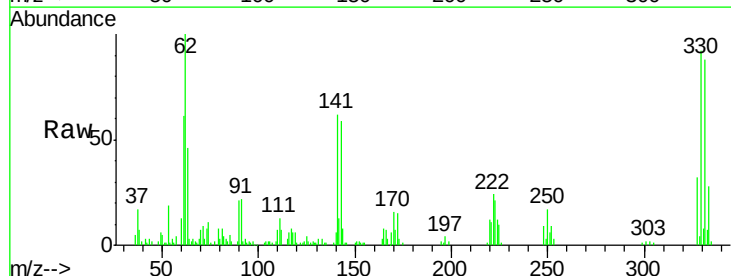


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

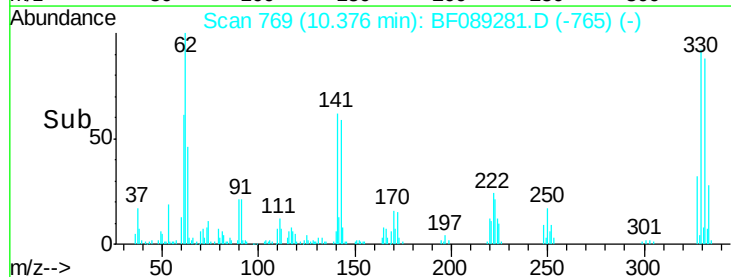
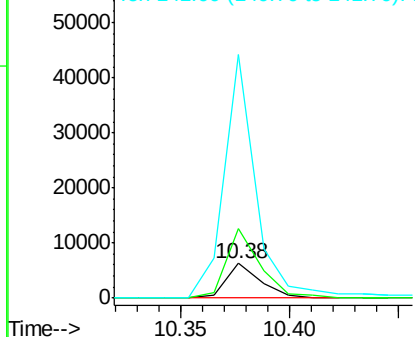


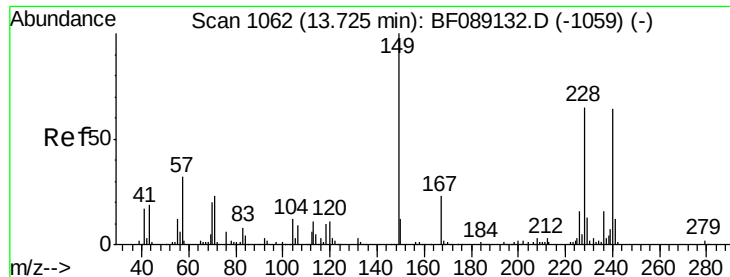
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

Tgt Ion:248 Resp: 6737
Ion Ratio Lower Upper
248 100
250 198.9 76.9 115.3#
141 702.0 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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089281.D

Acq: 25 Jul 2016 16:11

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0

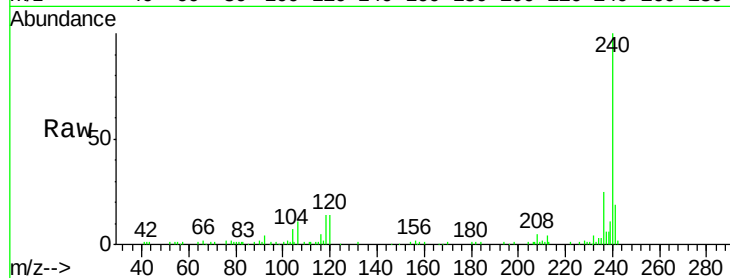
Tgt Ion:240 Resp: 102201

Ion Ratio Lower Upper

240 100

120 14.2 13.6 20.4

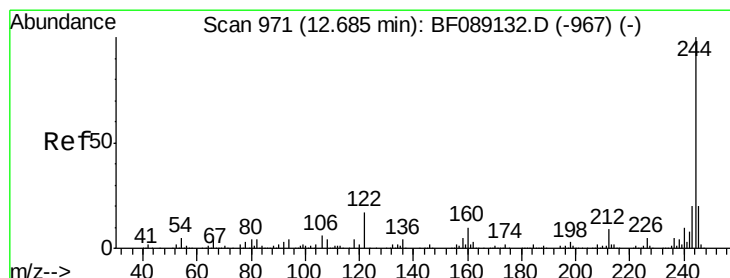
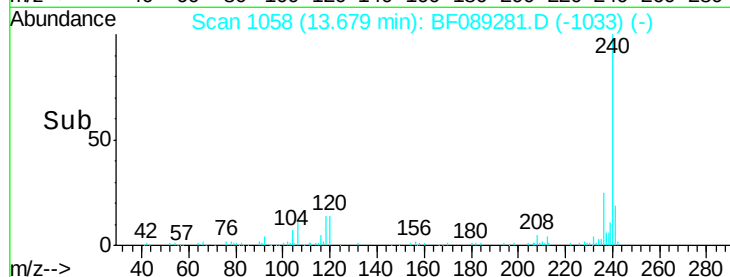
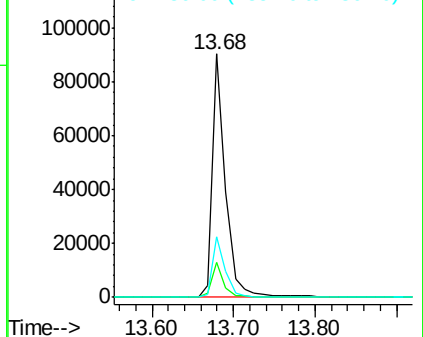
236 25.1 20.5 30.7



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: 90.61 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089281.D

Acq: 25 Jul 2016 16:11

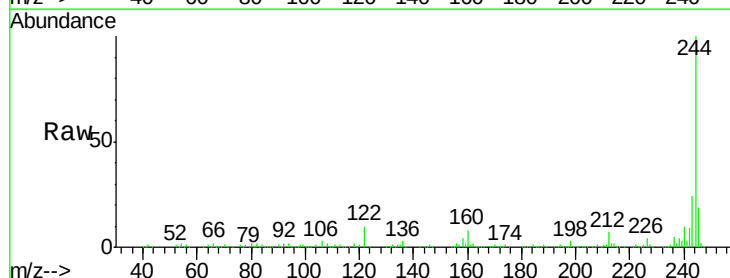
Tgt Ion:244 Resp: 426964

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

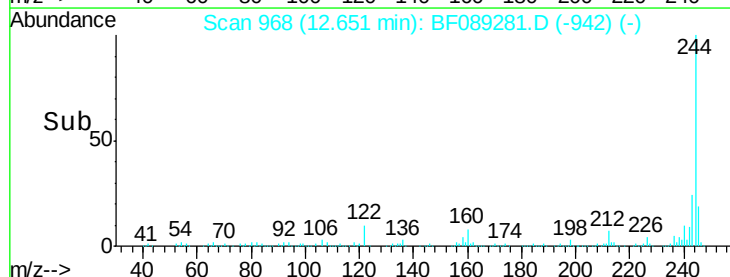
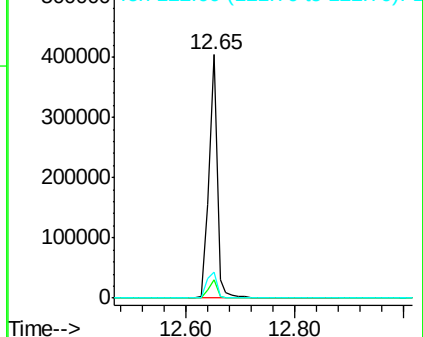
122 10.4 13.8 20.8#

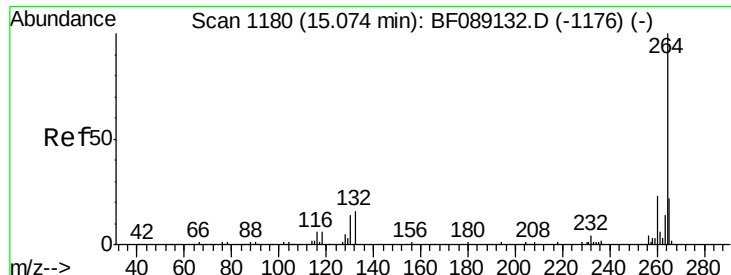


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

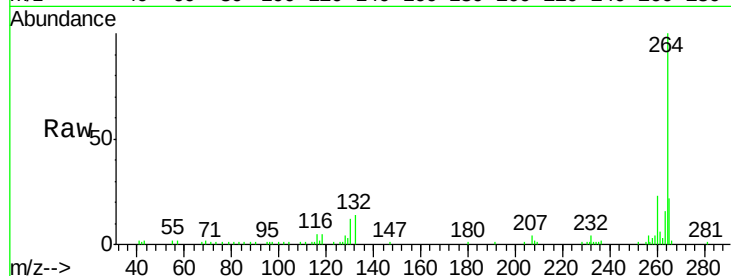




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF089281.D
Acq: 25 Jul 2016 16:11

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

Tgt Ion: 264 Resp: 80925
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

