

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089475.D
 Acq On : 31 Jul 2016 17:19
 Operator : UM/SJ
 Sample : H4257-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:14:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

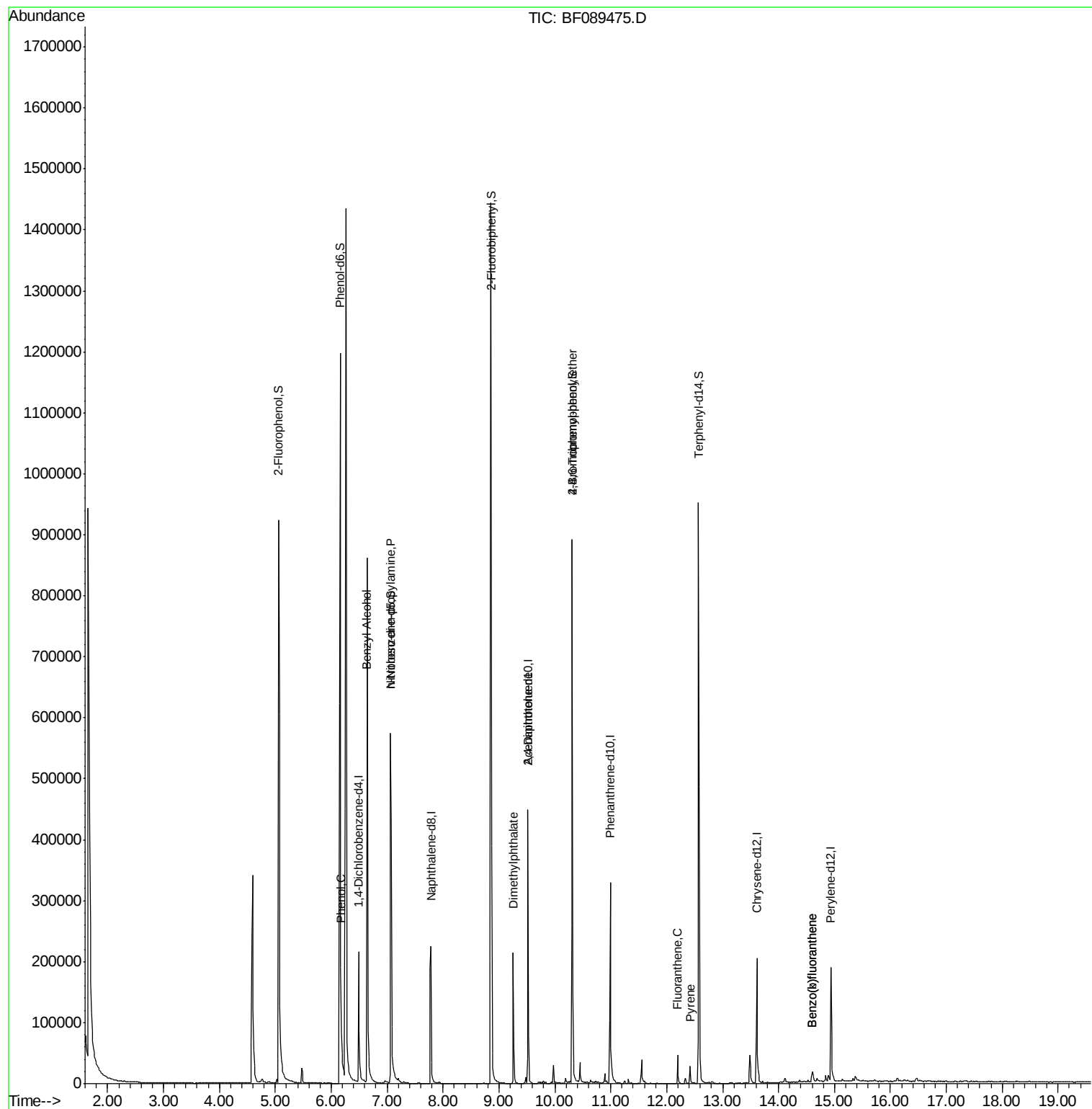
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	45203	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	178187	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	87033	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	151961	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	85166	20.00	ng	-0.06
86) Perylene-d12	14.94	264	81554	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	394870	139.48	ng	-0.05
7) Phenol-d6	6.16	99	567571	151.71	ng	-0.05
23) Nitrobenzene-d5	7.06	82	318333	105.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	94769	131.47	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	503843	84.96	ng	-0.06
78) Terphenyl-d14	12.57	244	354313	97.37	ng	-0.06
Target Compounds						
10) Phenol	6.17	94	12518	3.03	ng	Qvalue 89
15) Benzyl Alcohol	6.64	79	13655	5.88	ng	# 52
19) n-Nitroso-di-n-propylamine	7.06	70	41316	18.31	ng	# 84
49) Dimethylphthalate	9.26	163	89339	13.49	ng	98
56) 2,4-Dinitrotoluene	9.52	165	10681	5.96	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	7197	4.96	ng	# 1
74) Fluoranthene	12.19	202	24353	2.95	ng	97
77) Pyrene	12.42	202	17948	2.78	ng	99
87) Benzo(b)fluoranthene	14.61	252	14300	2.82	ng	97
88) Benzo(k)fluoranthene	14.61	252	14300	3.07	ng	98

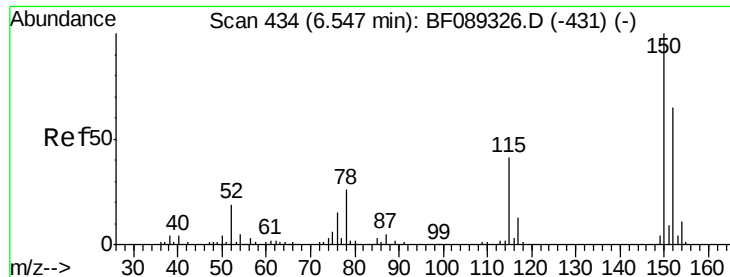
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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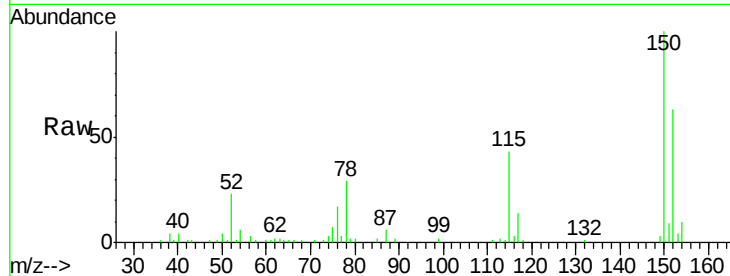


#1

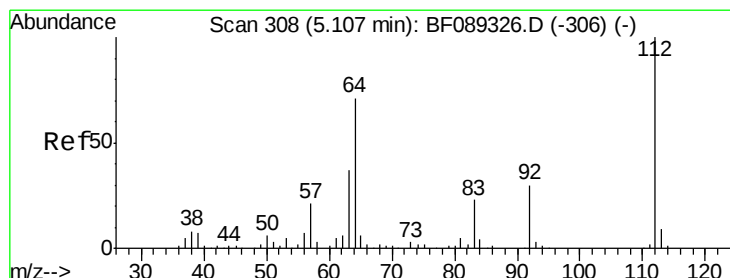
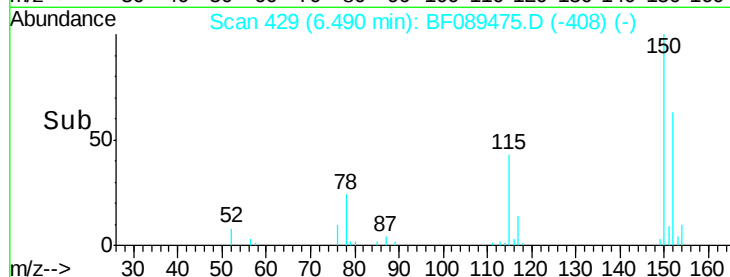
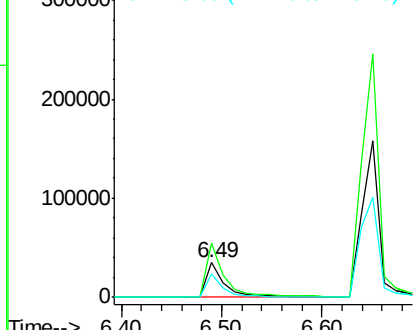
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45203
Ion Ratio Lower Upper
152 100
150 158.2 129.5 194.3
115 68.3 51.4 77.2



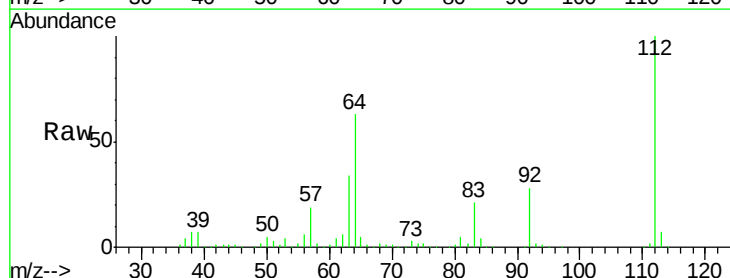
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



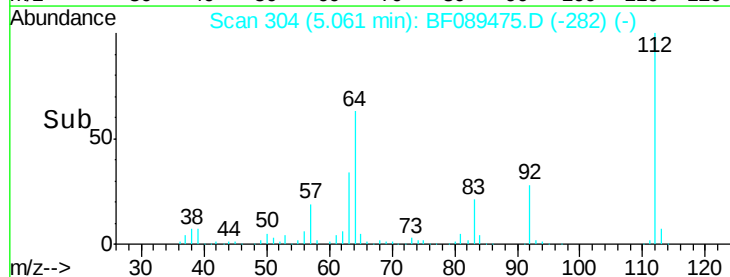
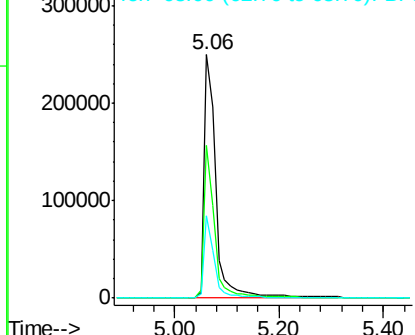
#5

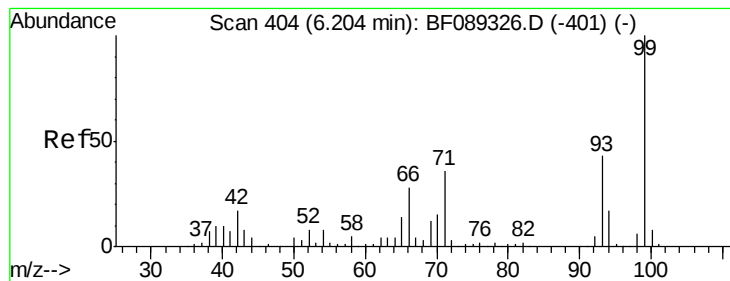
2-Fluorophenol
Concen: 139.48 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion:112 Resp: 394870
Ion Ratio Lower Upper
112 100
64 62.9 55.0 82.6
63 33.9 29.4 44.2



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: 151.71 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Instrument :

BNA_F

ClientSampled :

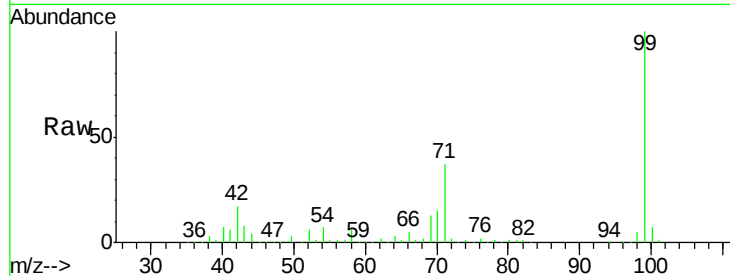
Tot Ion: 99 Resp: 567571

Ion Ratio Lower Upper

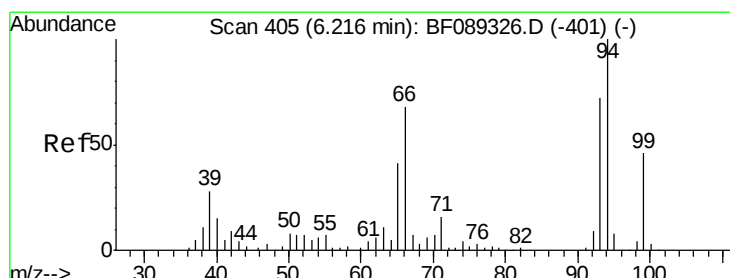
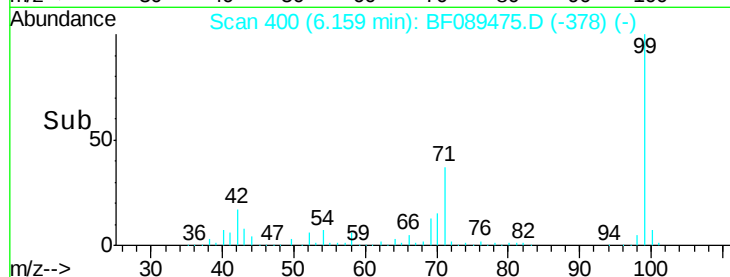
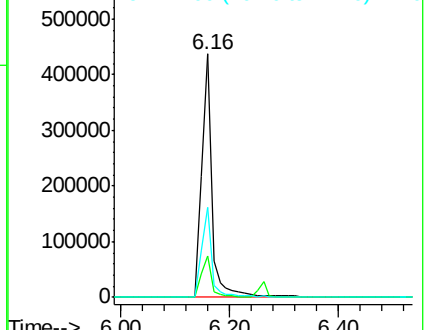
99 100

42 16.8 13.6 20.4

71 36.9 29.4 44.2



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



#10

Phenol

Concen: 3.03 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

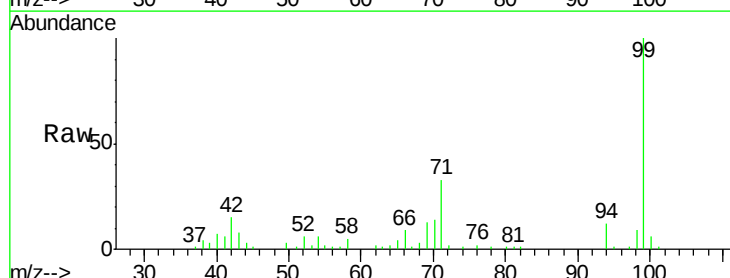
Tgt Ion: 94 Resp: 12518

Ion Ratio Lower Upper

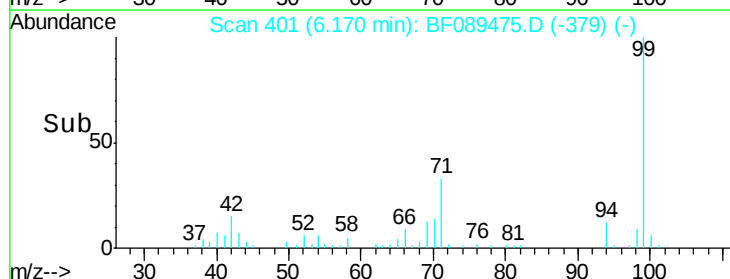
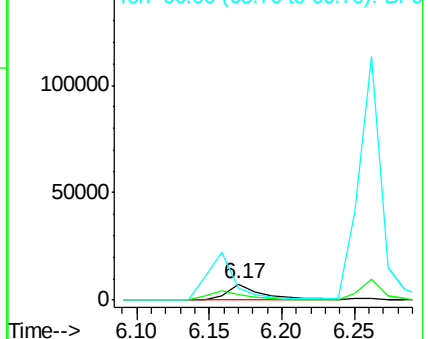
94 100

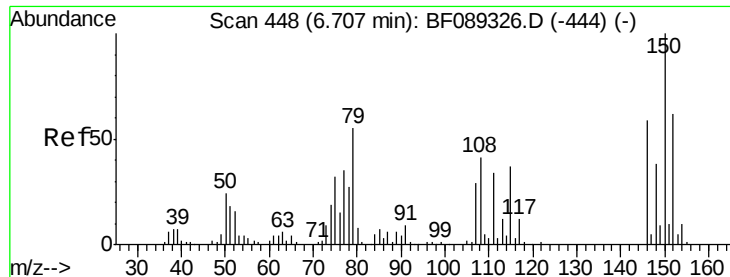
65 35.4 19.1 59.1

66 75.3 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 5.88 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Instrument :

BNA_F

ClientSampled :

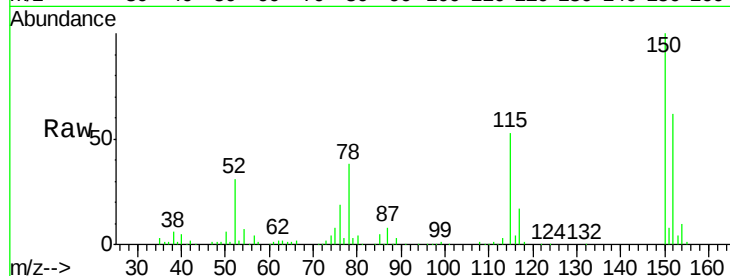
Tot Ion: 79 Resp: 13655

Ion Ratio Lower Upper

79 100

108 22.7 59.8 89.6#

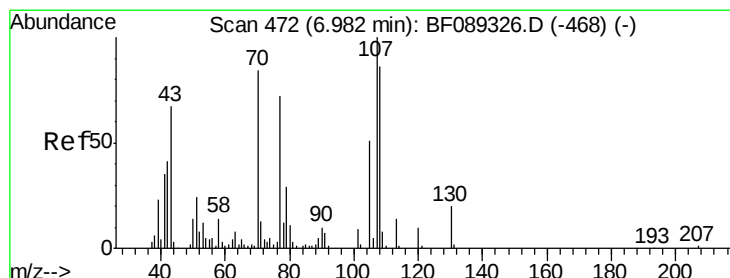
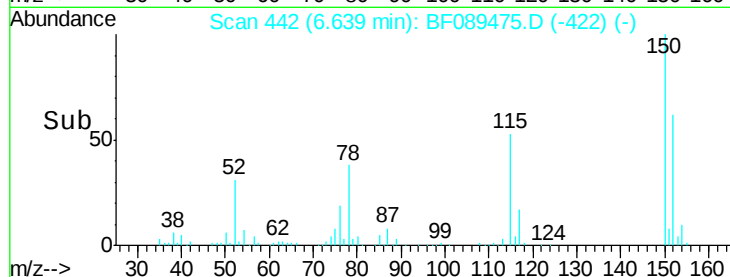
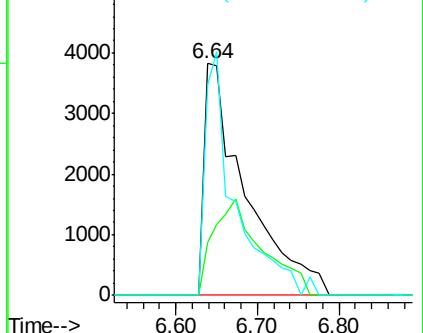
77 90.8 51.7 77.5#



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: 18.31 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.08 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Tgt Ion: 70 Resp: 41316

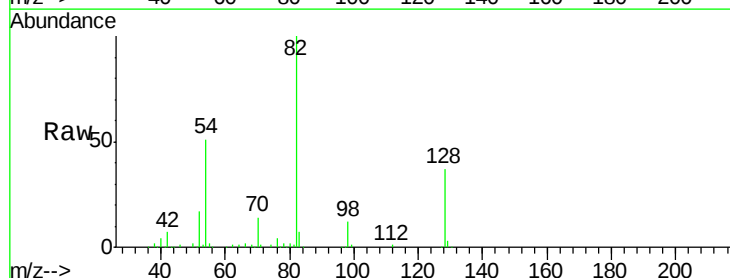
Ion Ratio Lower Upper

70 100

42 48.0 38.6 57.8

101 0.0 8.3 12.5#

130 1.9 19.0 28.4#

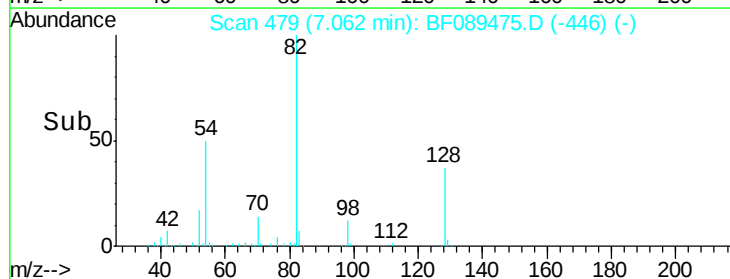
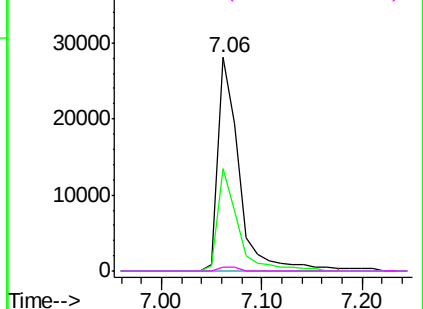


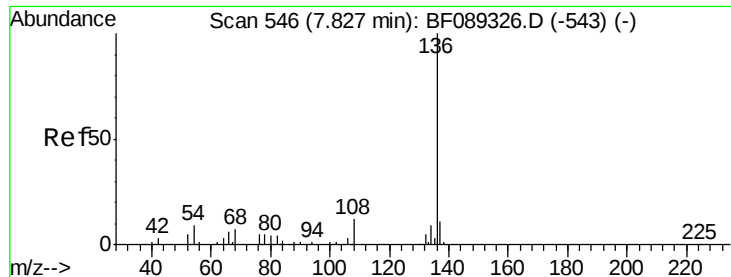
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 178187

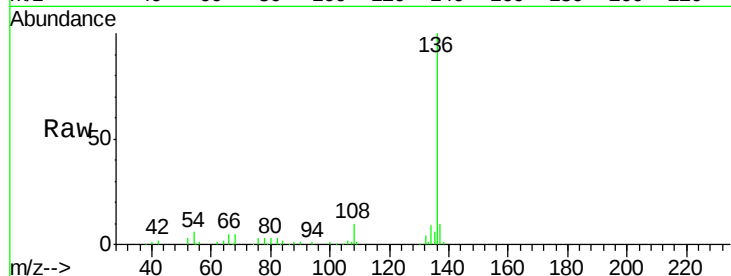
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.8 7.0 10.4#

68 4.7 4.9 7.3#

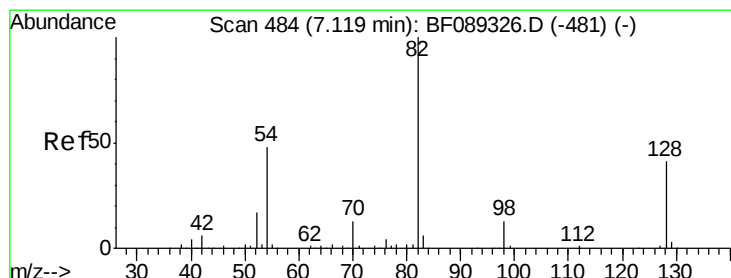
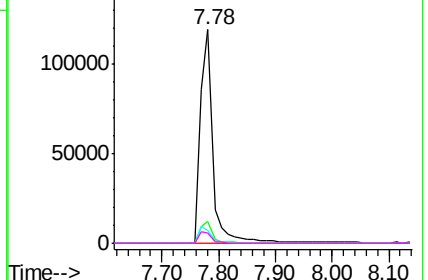
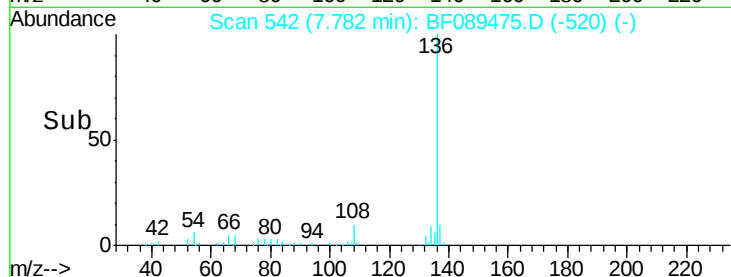


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.45 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

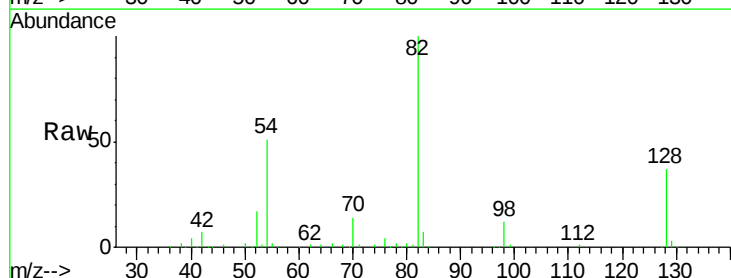
Tgt Ion: 82 Resp: 318333

Ion Ratio Lower Upper

82 100

128 37.2 32.5 48.7

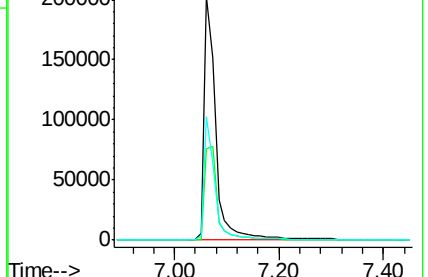
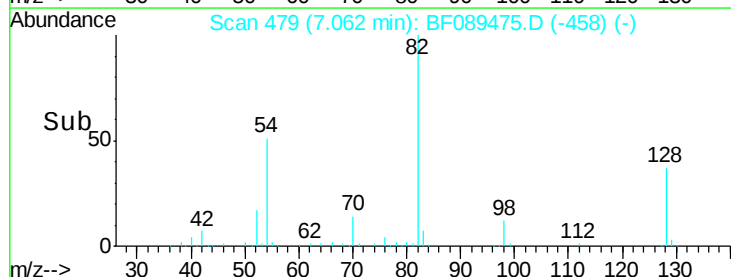
54 50.6 38.8 58.2

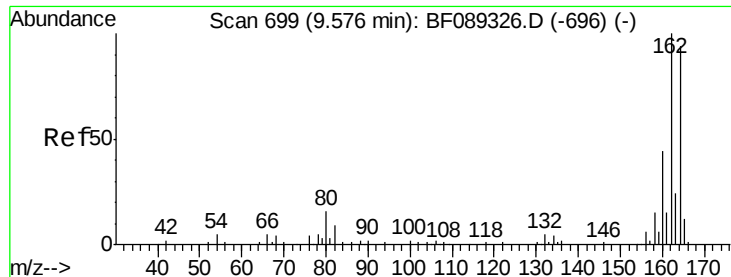


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

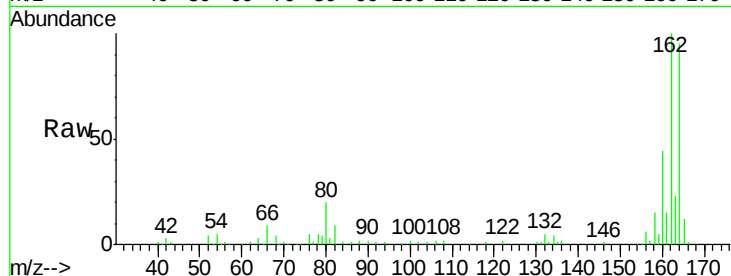




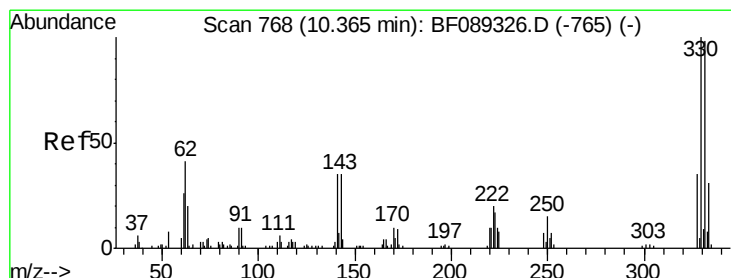
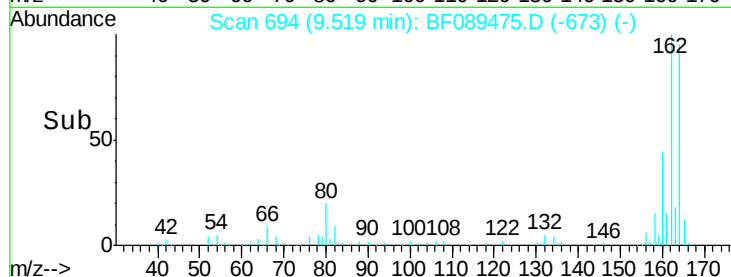
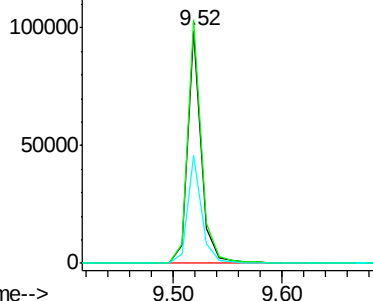
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 87033
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.7 125.5
 160 46.6 37.8 56.6

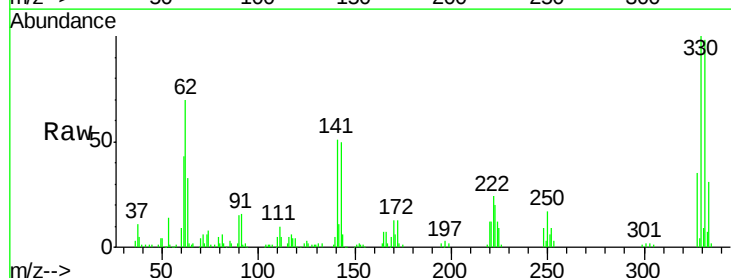


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

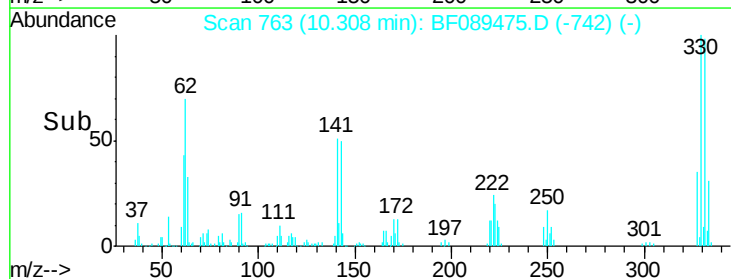
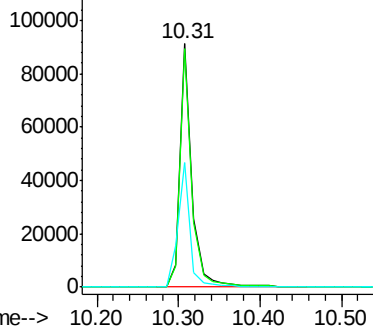


#41
 2,4,6-Tribromophenol
 Concen: 131.47 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion:330 Resp: 94769
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 52.6 37.3 55.9



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

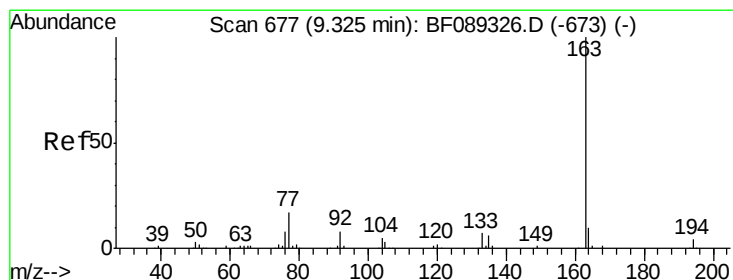
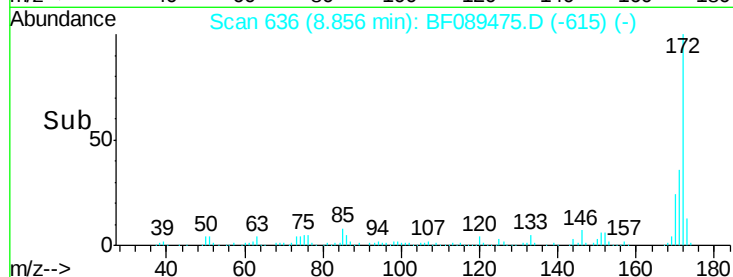
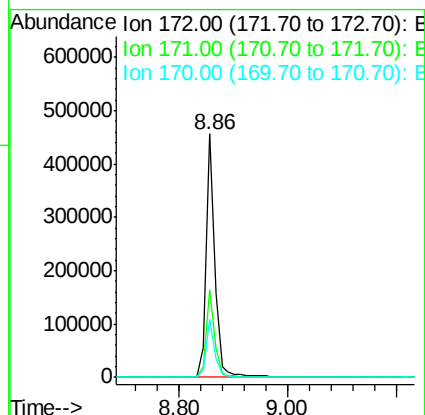
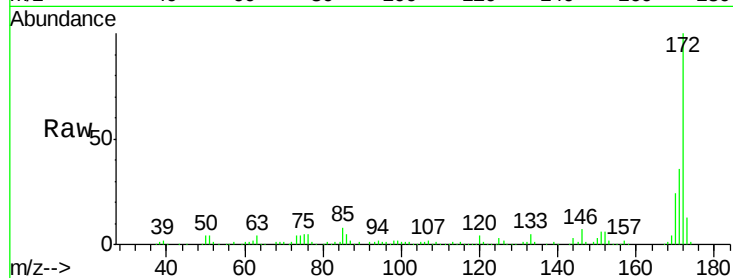




#44
 2-Fluorobiphenyl
 Concen: 84.96 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

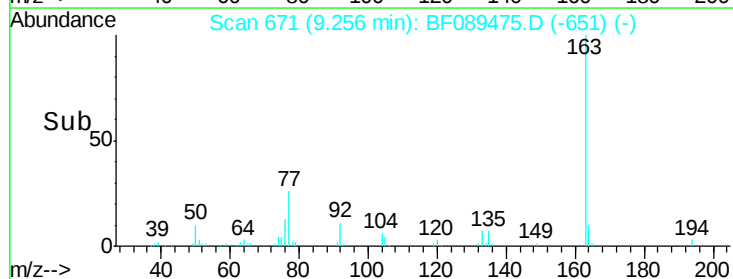
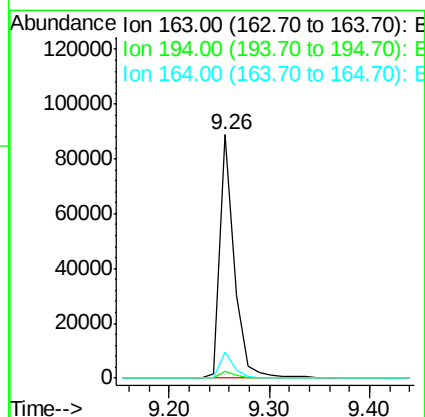
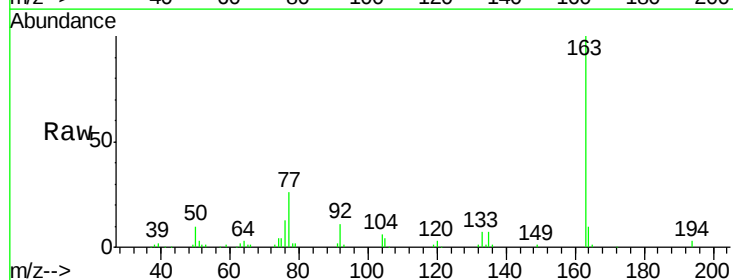
Instrument :
 BNA_F
 ClientSampleId :

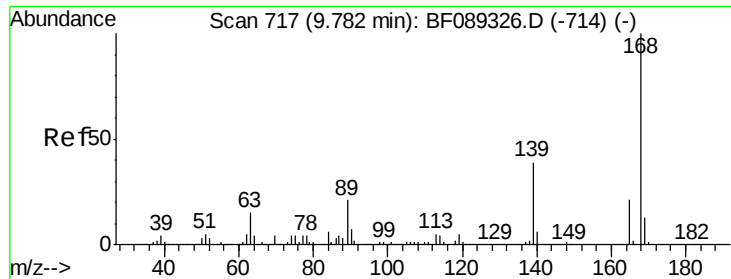
Tot Ion:172 Resp: 503843
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.2 28.8



#49
 Dimethylphthalate
 Concen: 13.49 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.07 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion:163 Resp: 89339
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.5 7.8 11.8

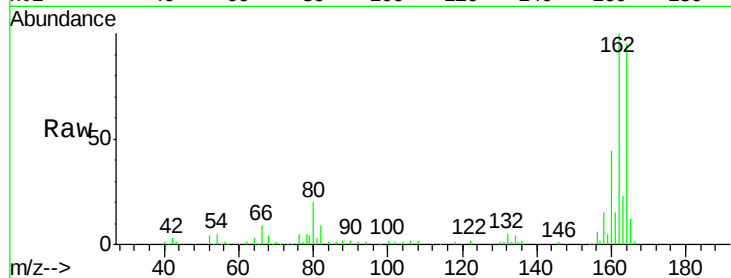




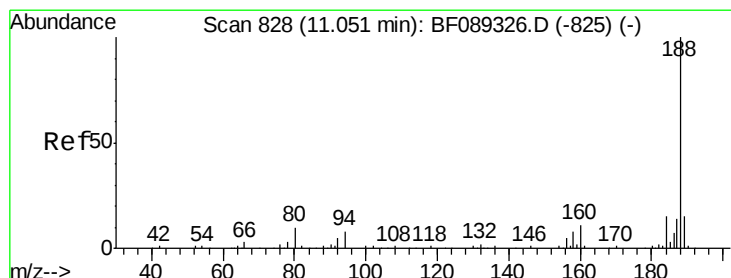
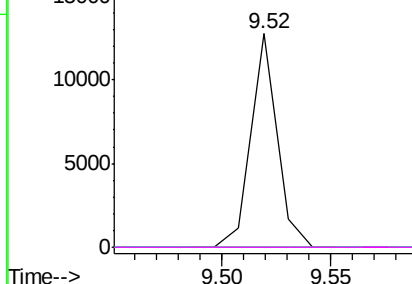
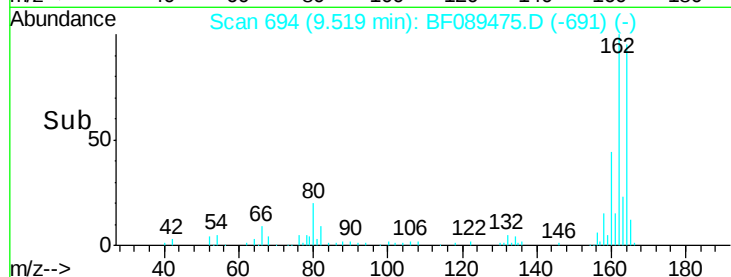
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 10681
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

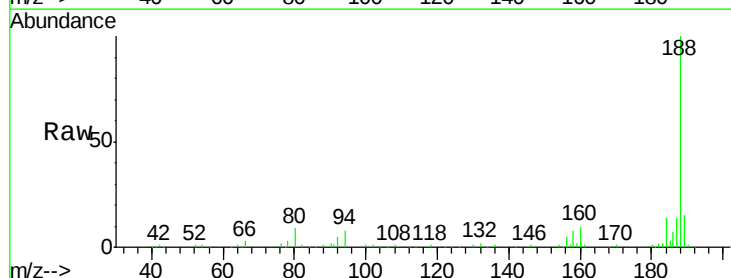


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

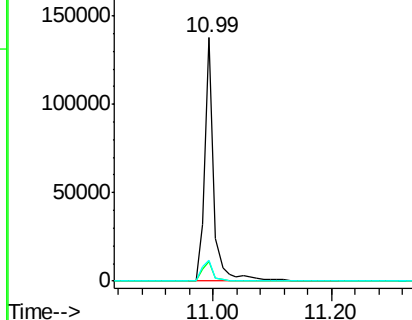
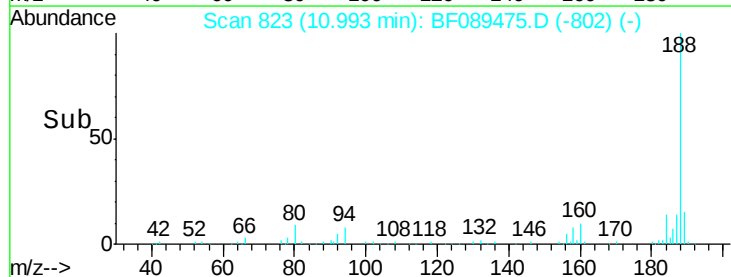


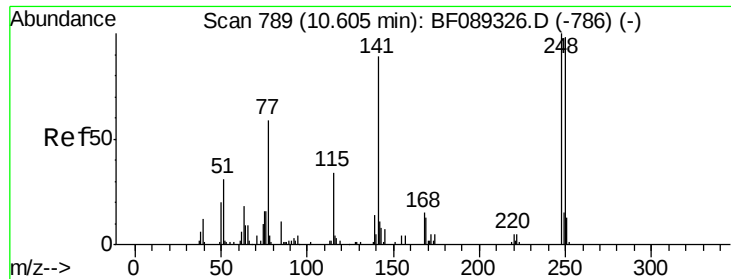
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion:188 Resp: 151961
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.7 7.2 10.8



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

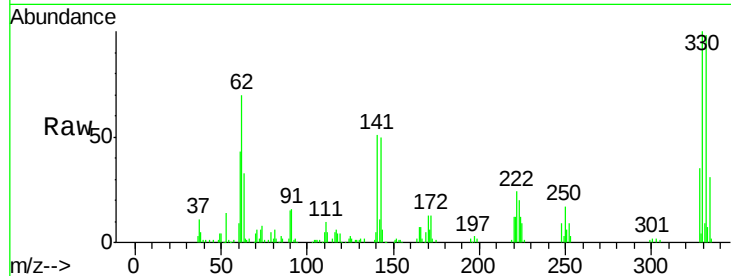




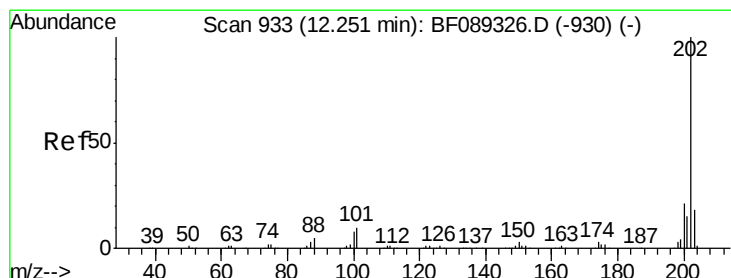
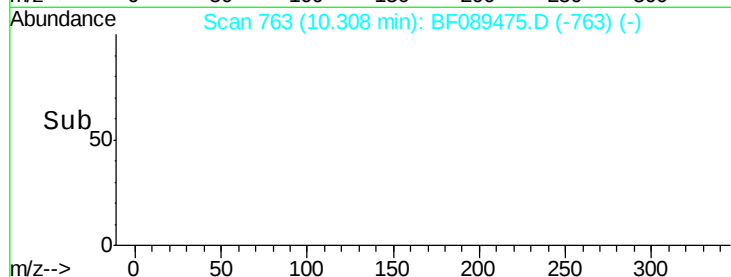
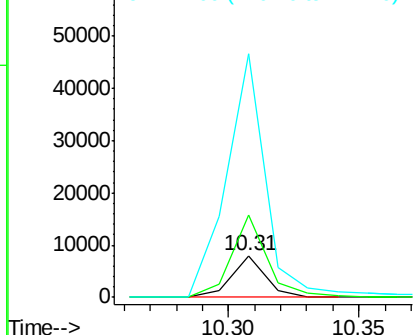
#66
4-Bromophenyl-phenylether
Concen: 4.96 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7197
Ion Ratio Lower Upper
248 100
250 199.1 78.2 117.2#
141 586.9 62.0 93.0#

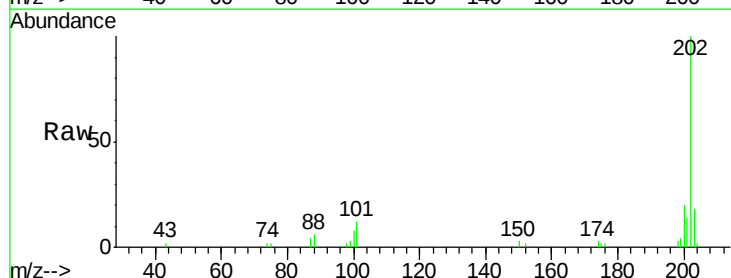


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

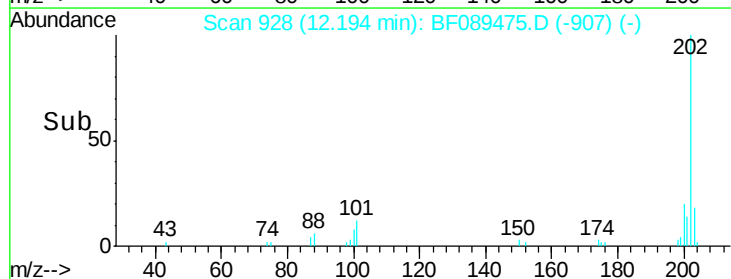
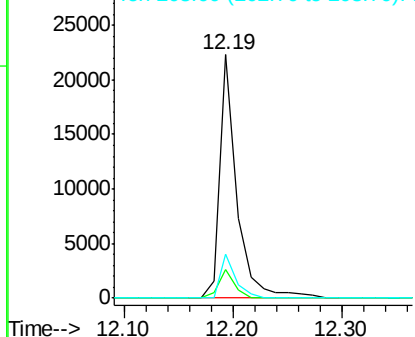


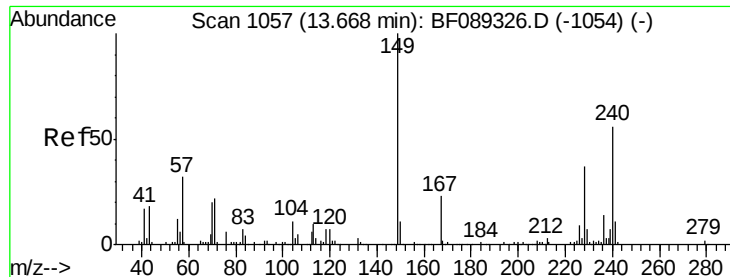
#74
Fluoranthene
Concen: 2.95 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.06 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion:202 Resp: 24353
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.9
203 18.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

Instrument :

BNA_F

ClientSampled :

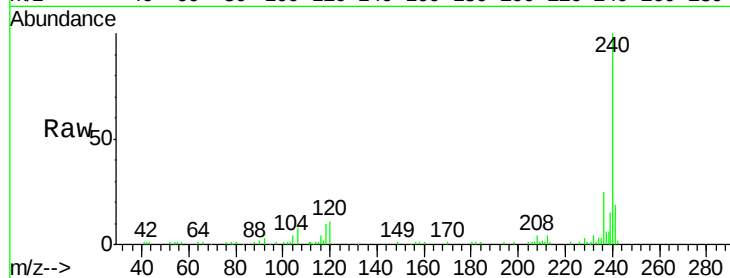
Tot Ion:240 Resp: 85166

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

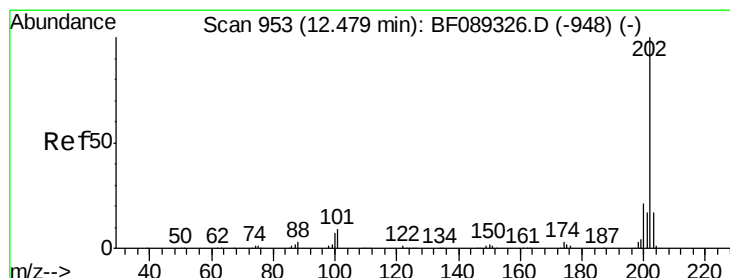
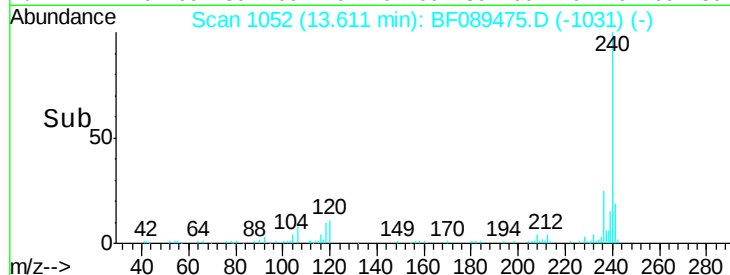
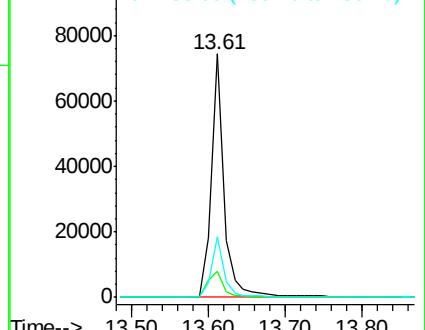
236 25.1 20.6 30.8



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



#77

Pyrene

Concen: 2.78 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF089475.D

Acq: 31 Jul 2016 17:19

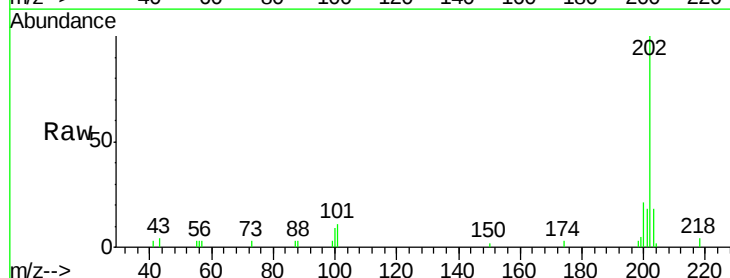
Tgt Ion:202 Resp: 17948

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

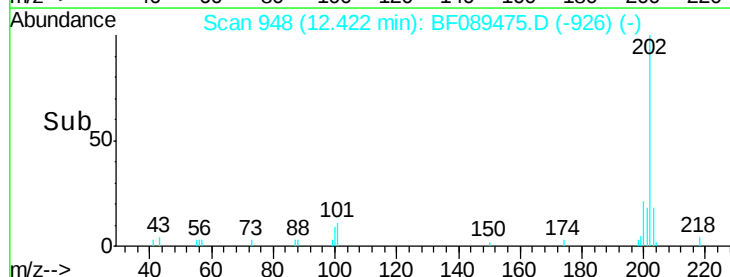
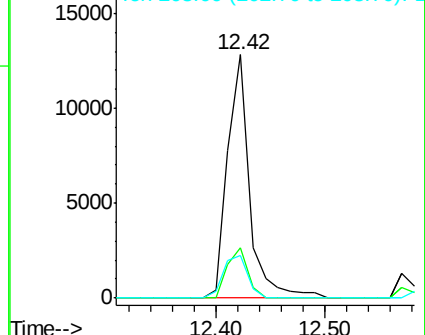
203 17.7 14.0 21.0

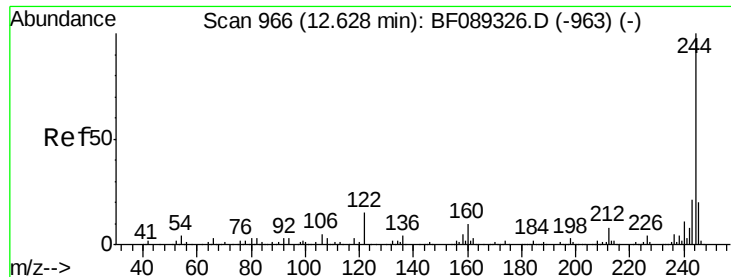


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

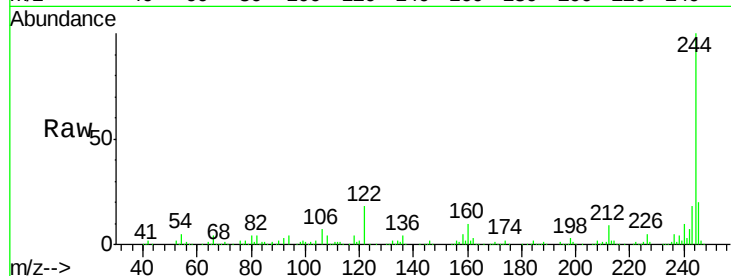




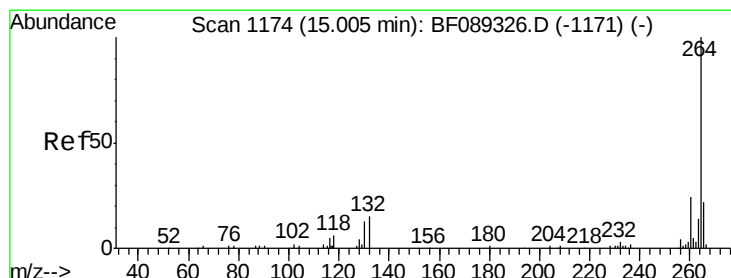
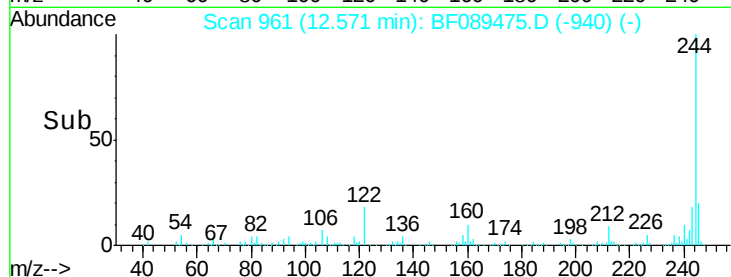
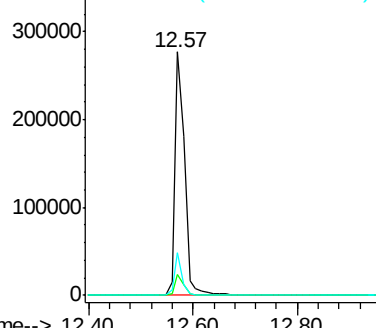
#78
 Terphenyl-d14
 Concen: 97.37 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 354313
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 17.6 11.4 17.0#

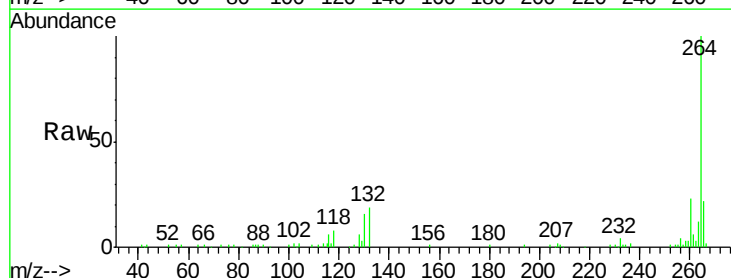


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

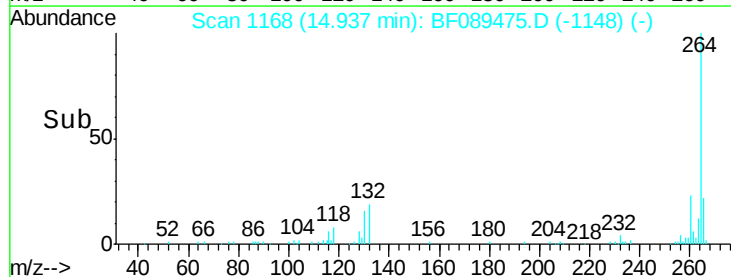
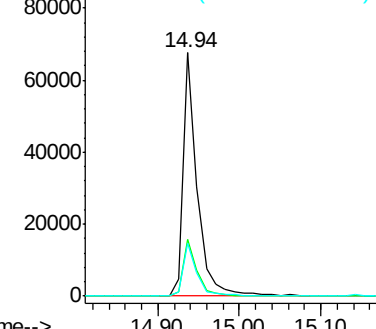


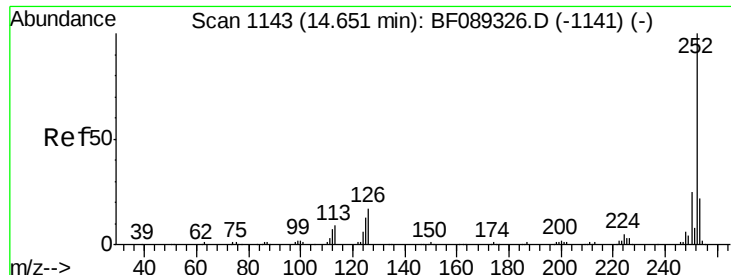
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089475.D
 Acq: 31 Jul 2016 17:19

Tgt Ion:264 Resp: 81554
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.9 17.5 26.3



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

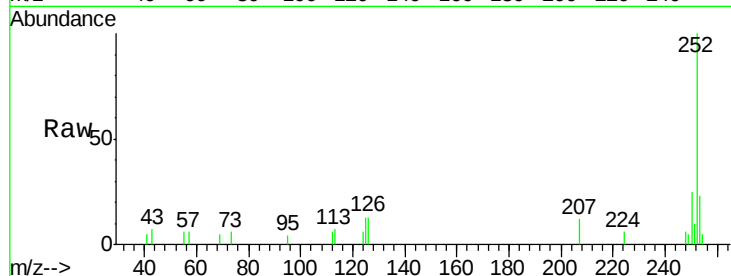




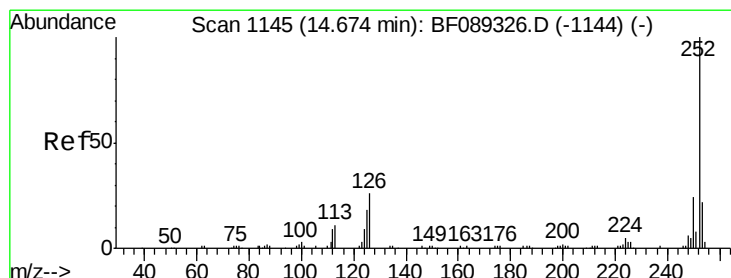
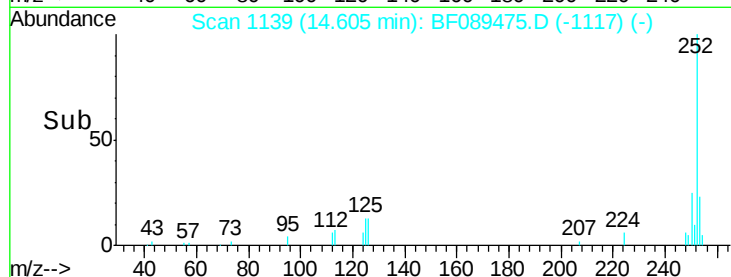
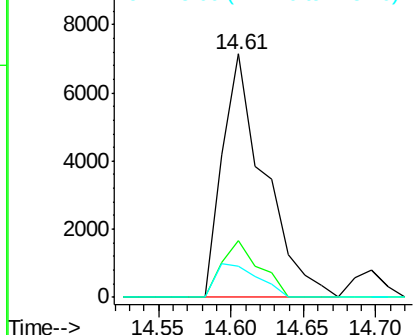
#87
Benzo(b)fluoranthene
Concen: 2.82 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 14300
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 12.8 9.7 14.5

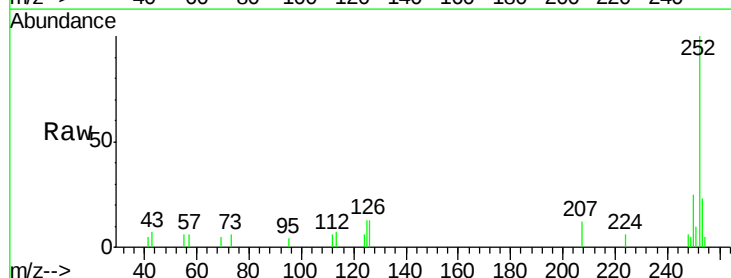


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.07 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089475.D
Acq: 31 Jul 2016 17:19

Tgt Ion:252 Resp: 14300
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.8 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

