

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089557.D
 Acq On : 2 Aug 2016 20:10
 Operator : UM/SJ
 Sample : H4269-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

Quant Time: Aug 03 01:07:57 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

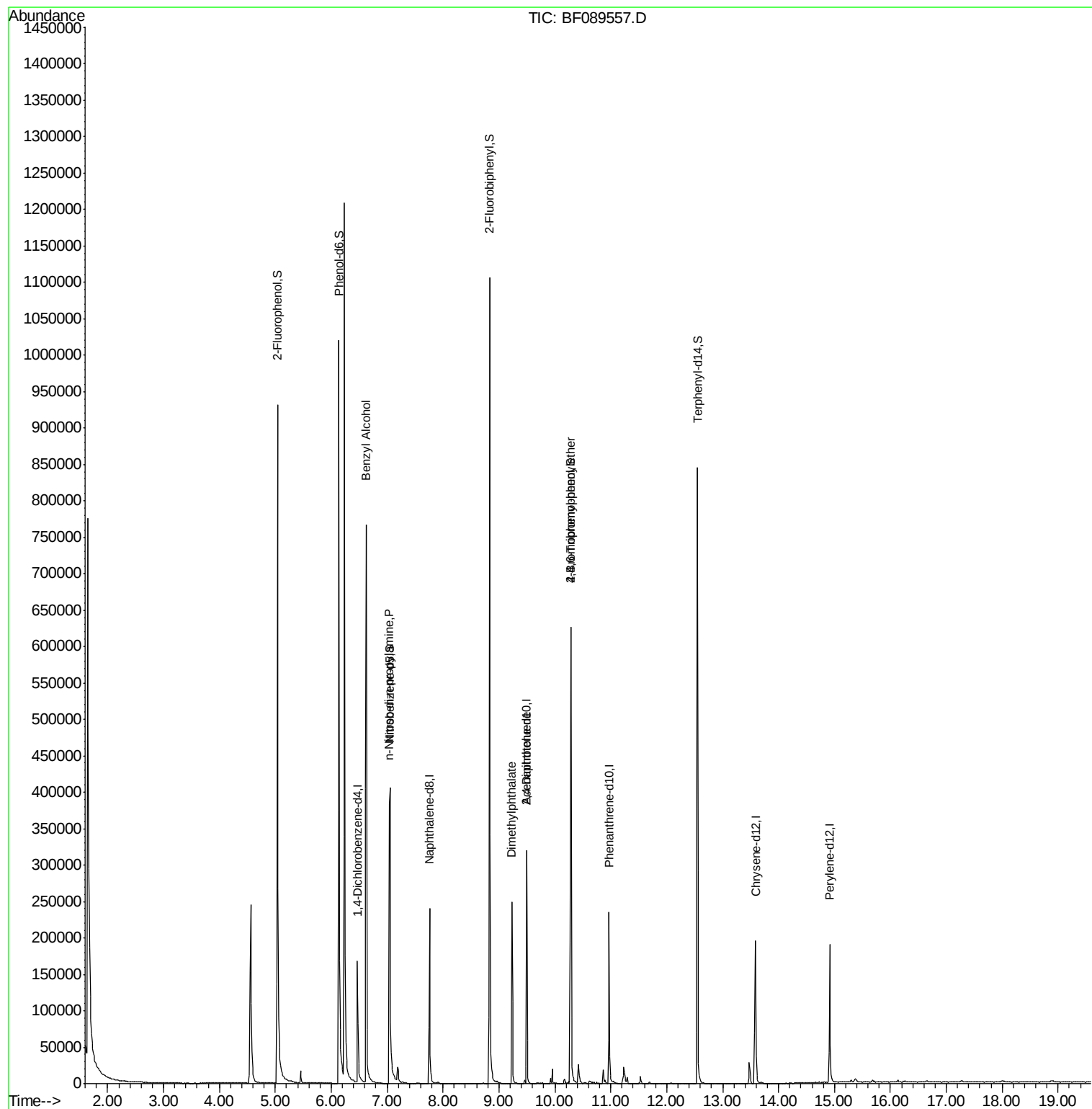
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	37911	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	145173	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	63160	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	107282	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	85431	20.00	ng	-0.08
86) Perylene-d12	14.91	264	79594	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	327509	137.94	ng	-0.07
7) Phenol-d6	6.14	99	457837	145.91	ng	-0.07
23) Nitrobenzene-d5	7.05	82	260019	105.72	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	70673	135.10	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	387507	90.04	ng	-0.08
78) Terphenyl-d14	12.55	244	287573	78.78	ng	-0.08
Target Compounds						
2) 1,4-Dioxane	1.95	88	949	Below Cal	#	26
15) Benzyl Alcohol	6.63	79	4391	2.25 ng	#	48
19) n-Nitroso-di-n-propylamine	7.04	70	33052	17.47 ng	#	81
49) Dimethylphthalate	9.23	163	120745	25.12 ng		97
56) 2,4-Dinitrotoluene	9.50	165	7721	5.94 ng	#	7
66) 4-Bromophenyl-phenylether	10.28	248	5192	5.07 ng	#	1

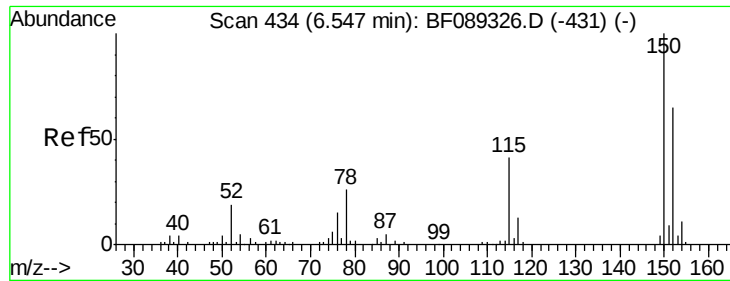
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.08 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

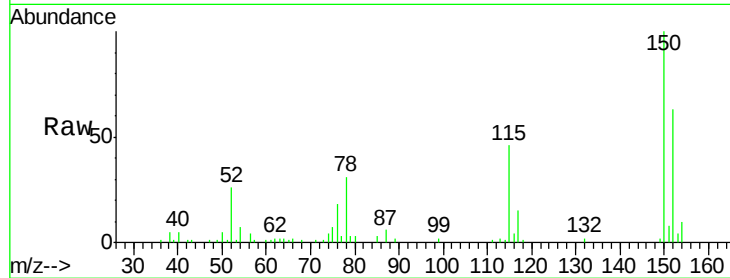
Tgt Ion:152 Resp: 37911

Ion Ratio Lower Upper

152 100

150 159.6 129.5 194.3

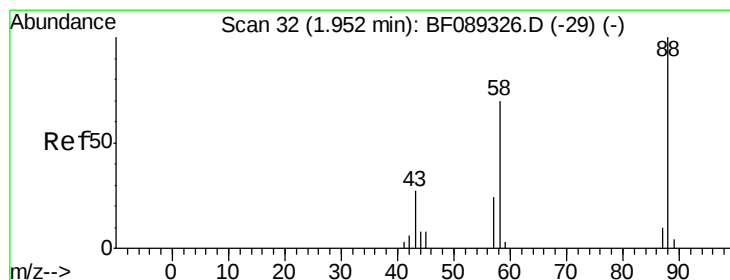
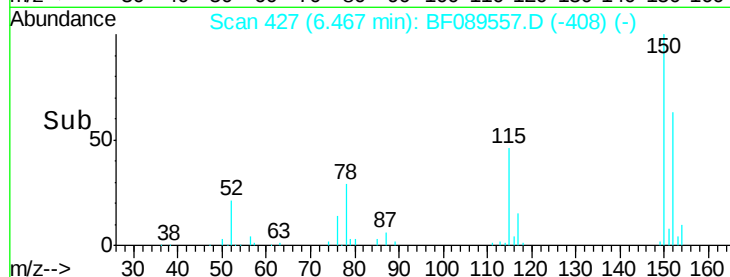
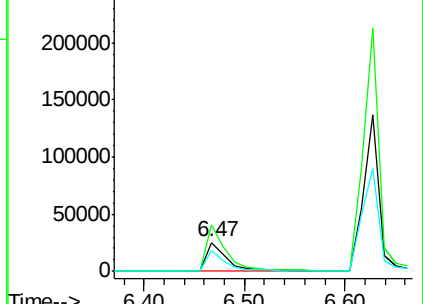
115 72.9 51.4 77.2



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

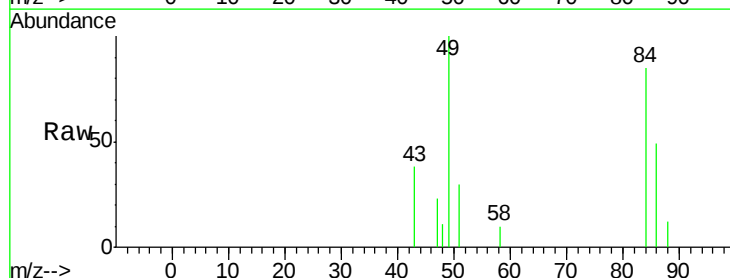
Tgt Ion: 88 Resp: 949

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

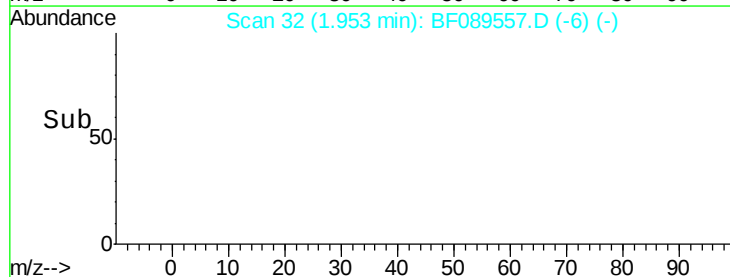
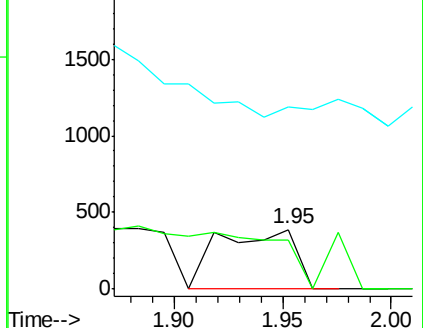
43 0.0 20.6 31.0#

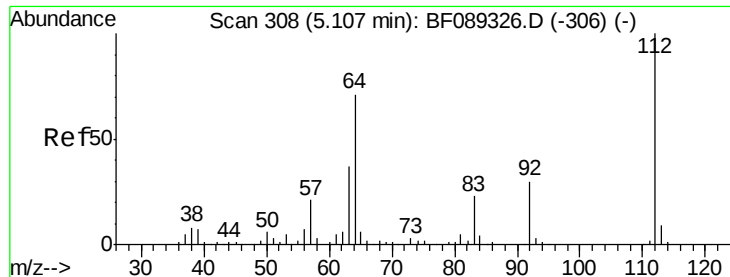


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.94 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

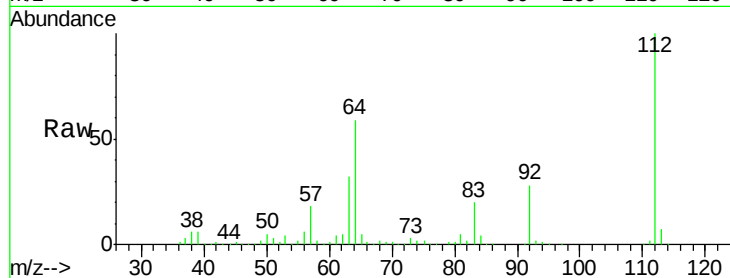
Tgt Ion: 112 Resp: 327509

Ion Ratio Lower Upper

112 100

64 59.5 55.0 82.6

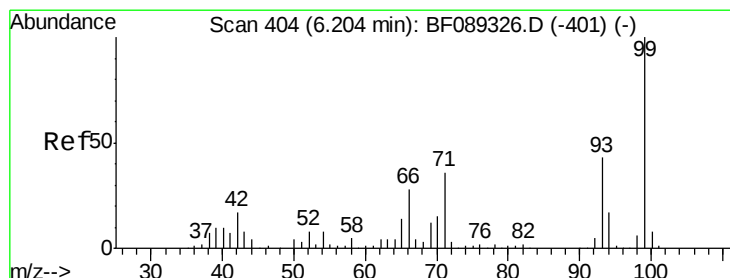
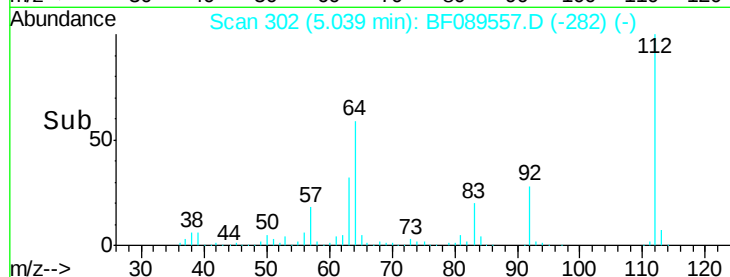
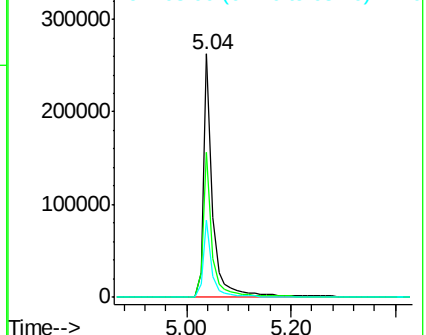
63 31.6 29.4 44.2



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: 145.91 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

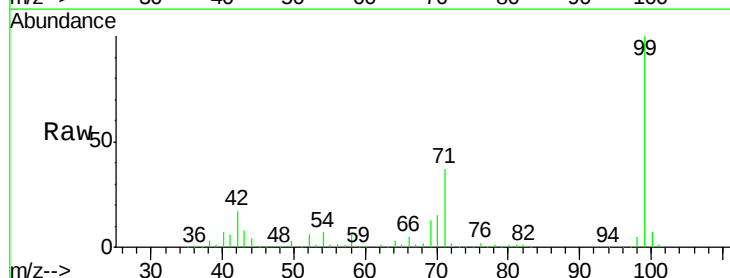
Tgt Ion: 99 Resp: 457837

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

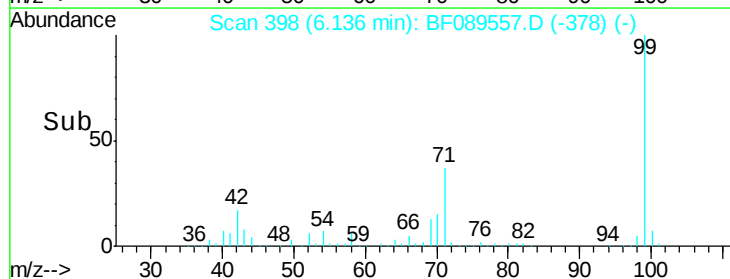
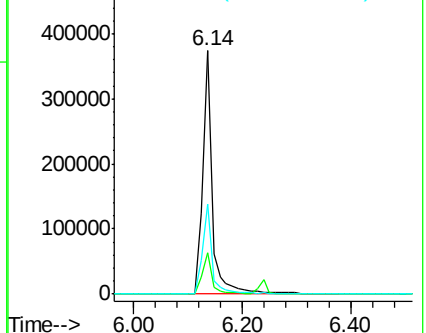
71 36.8 29.4 44.2

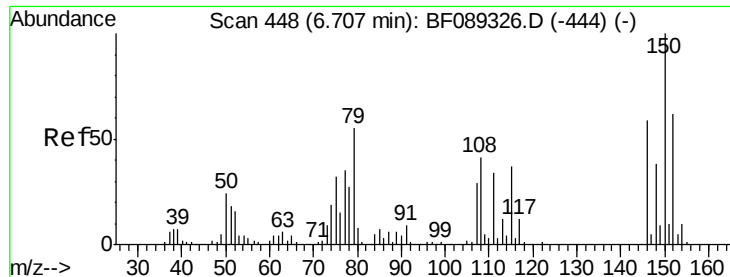


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

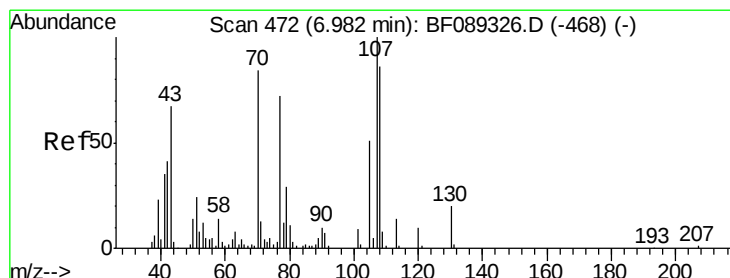
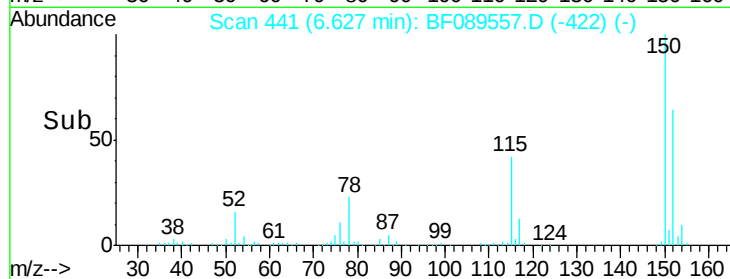
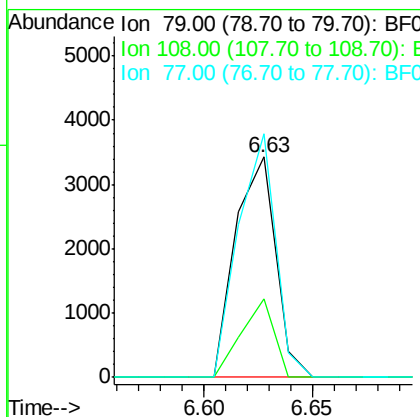
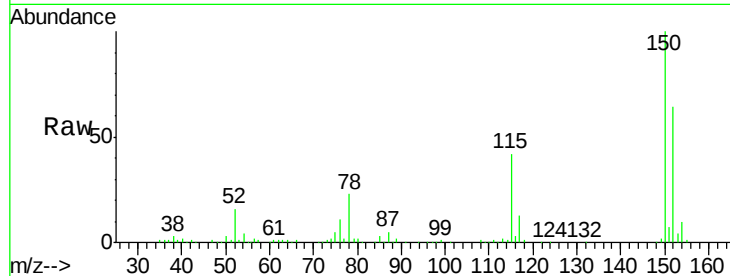




#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089557.D
Acq: 2 Aug 2016 20:10

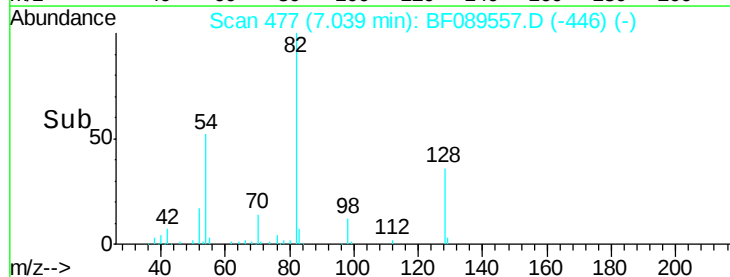
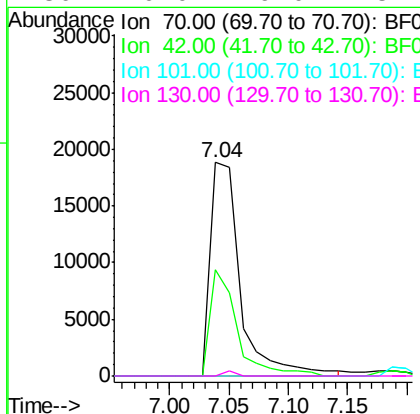
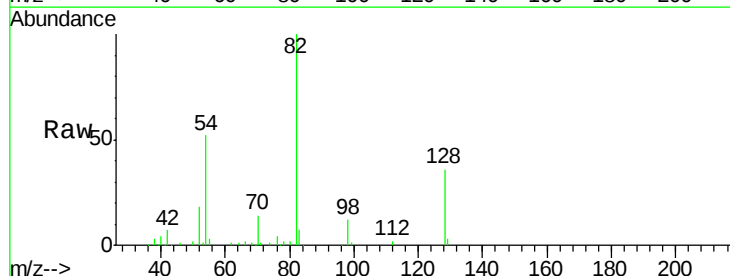
Instrument :
BNA_F
ClientSampleId :
SB-55-18.0-19.0

Tgt Ion: 79 Resp: 4391
Ion Ratio Lower Upper
79 100
108 35.5 59.8 89.6#
77 110.4 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.47 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.06 min
Lab File: BF089557.D
Acq: 2 Aug 2016 20:10

Tgt Ion: 70 Resp: 33052
Ion Ratio Lower Upper
70 100
42 49.6 38.6 57.8
101 0.0 8.3 12.5#
130 0.0 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

Tgt Ion:136 Resp: 145173

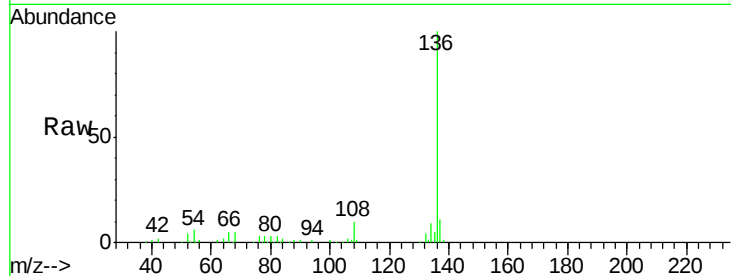
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.1 7.0 10.4#

68 4.8 4.9 7.3#

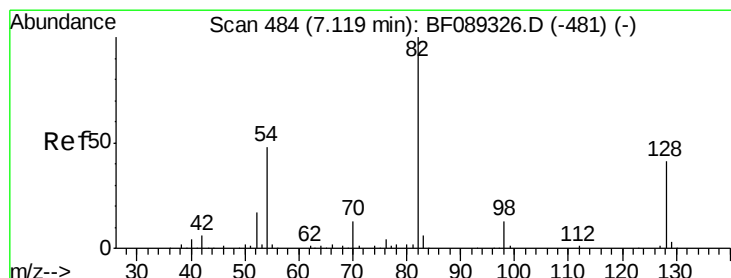
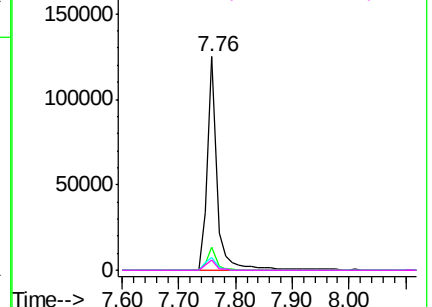
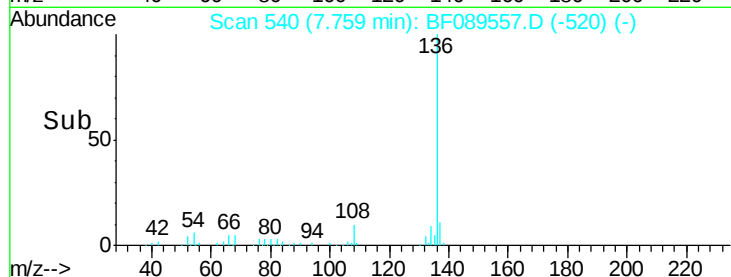


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.72 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

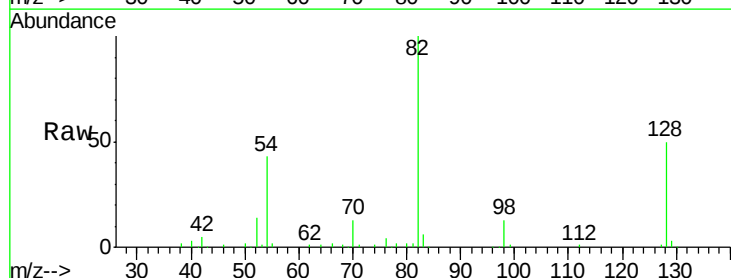
Tgt Ion: 82 Resp: 260019

Ion Ratio Lower Upper

82 100

128 50.3 32.5 48.7#

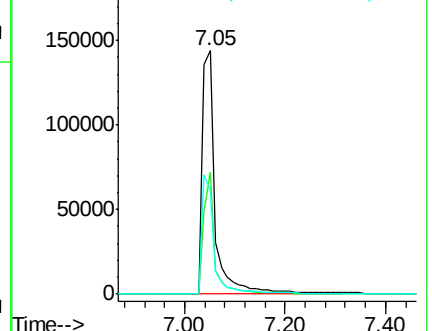
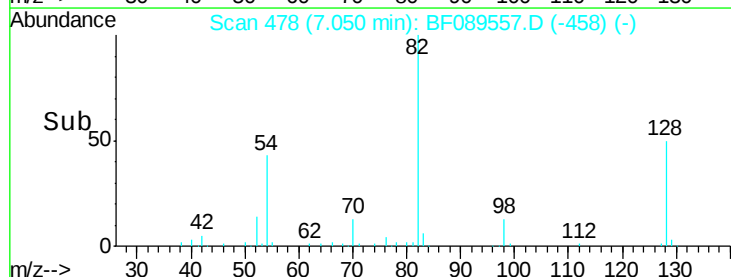
54 42.9 38.8 58.2

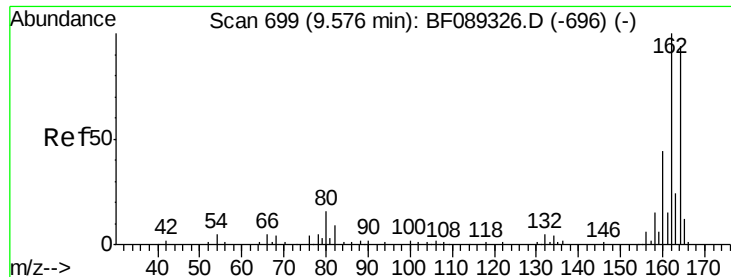


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.50 min Scan# 692

Delta R.T. -0.08 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

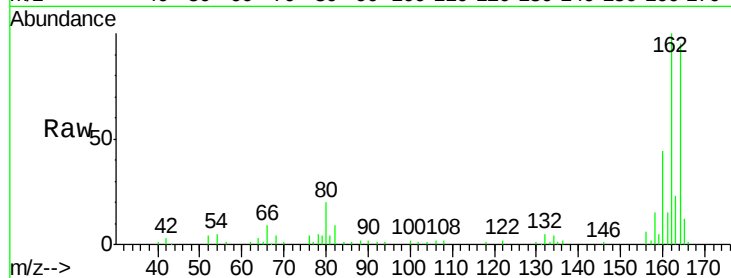
Tgt Ion:164 Resp: 63160

Ion Ratio Lower Upper

164 100

162 105.8 83.7 125.5

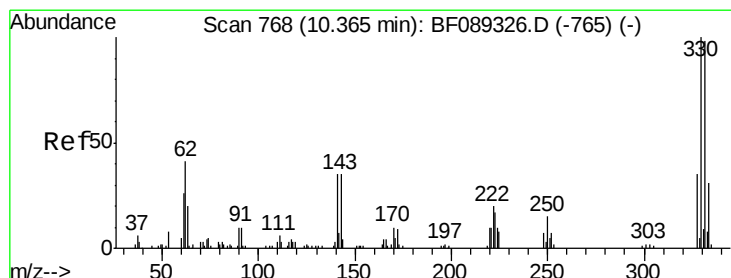
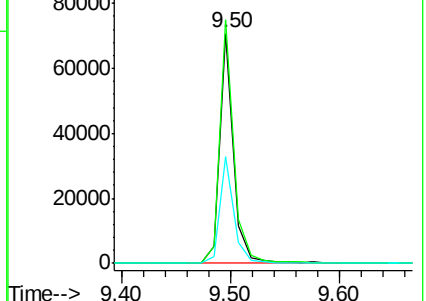
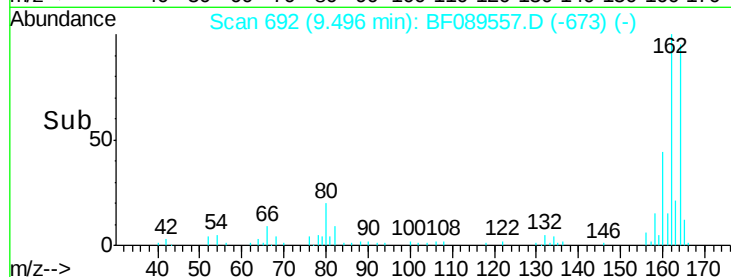
160 46.5 37.8 56.6



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: 135.10 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.08 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

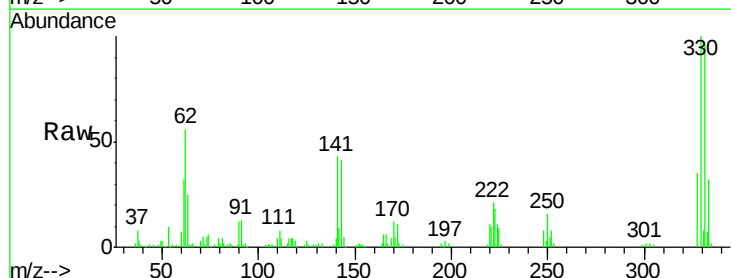
Tgt Ion:330 Resp: 70673

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

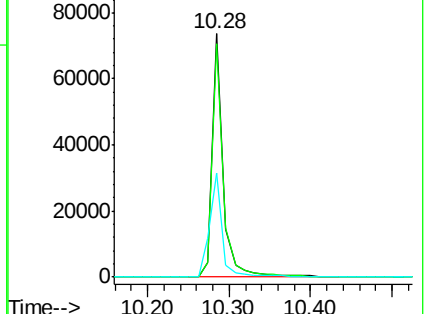
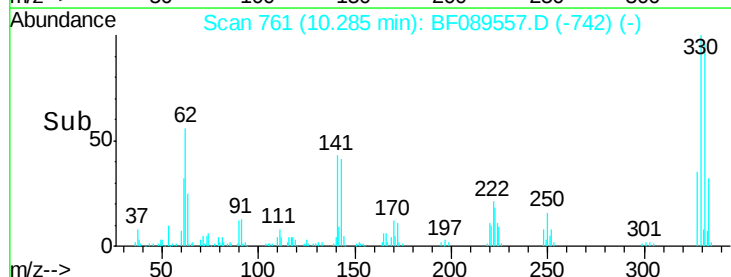
141 49.1 37.3 55.9



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

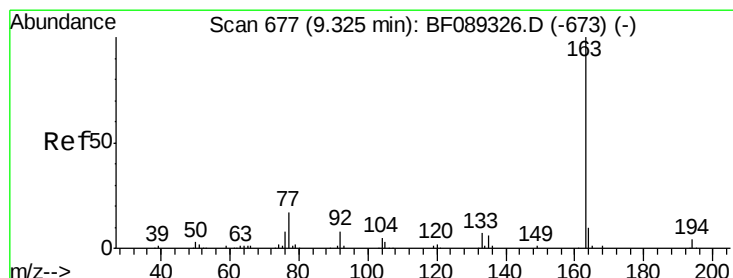
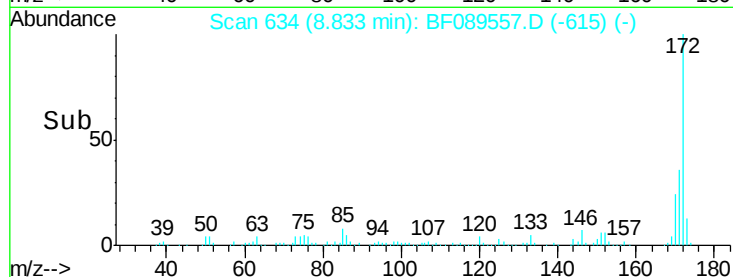
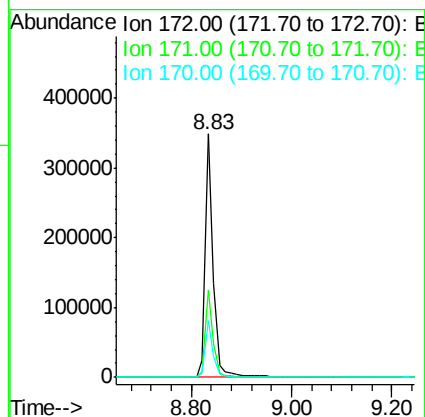
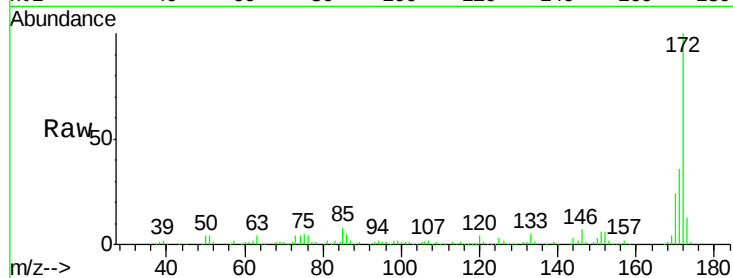




#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

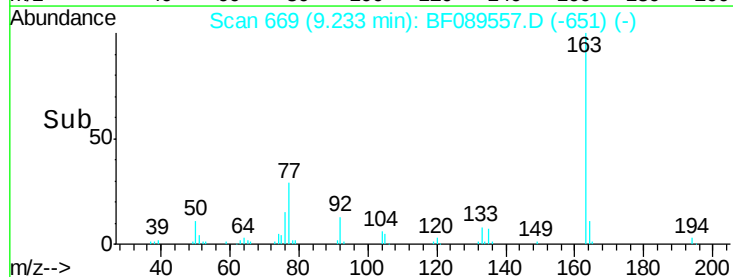
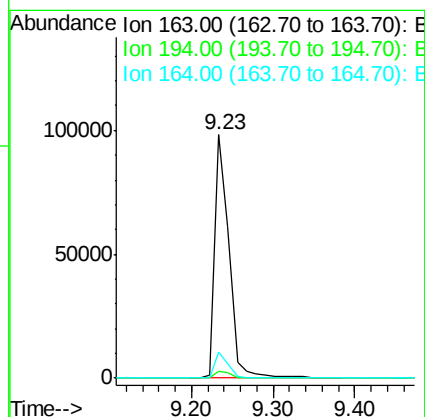
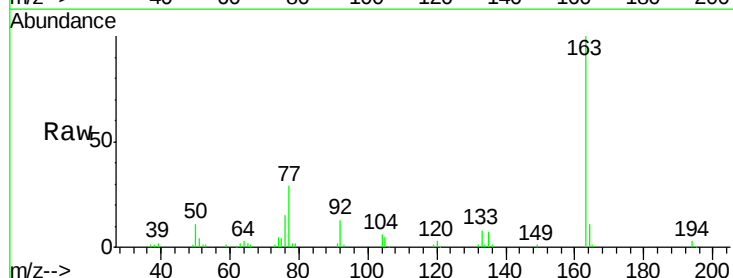
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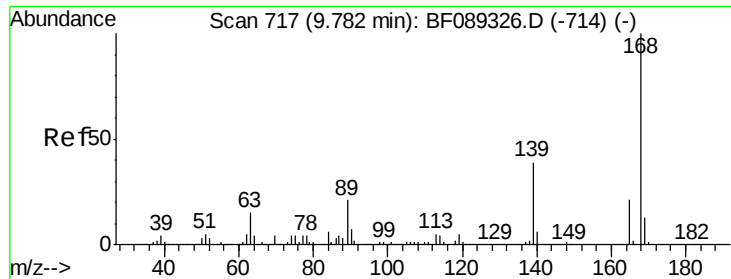
Tgt Ion:172 Resp: 387507
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.5 19.2 28.8



#49
 Dimethylphthalate
 Concen: 25.12 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Tgt Ion:163 Resp: 120745
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.8 4.2
 164 10.9 7.8 11.8

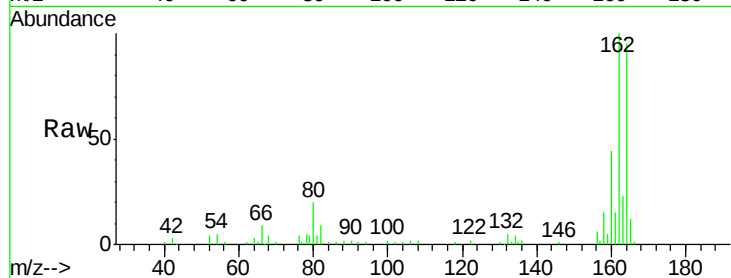




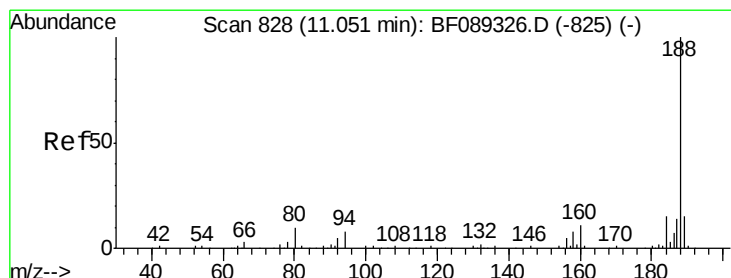
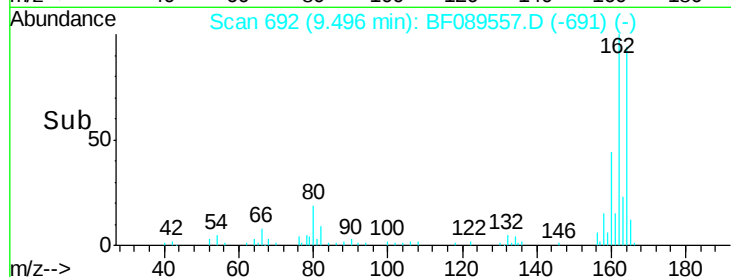
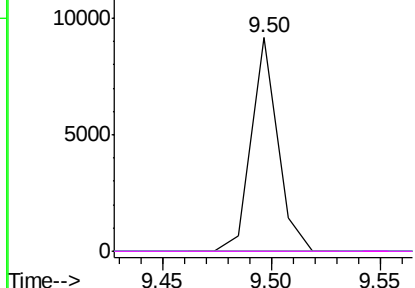
#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

Tgt Ion:165 Resp: 7721
 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#

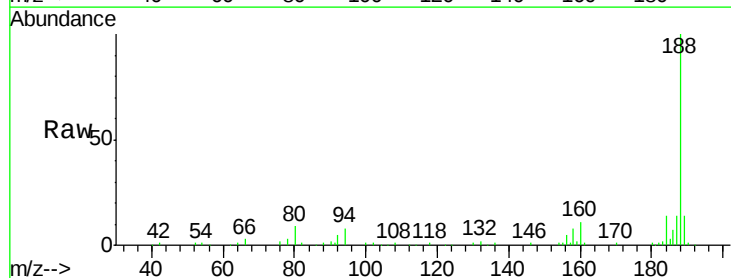


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

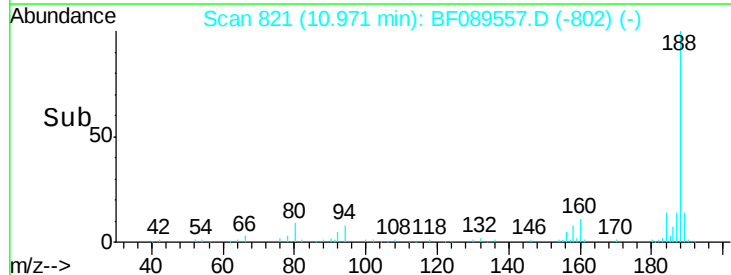
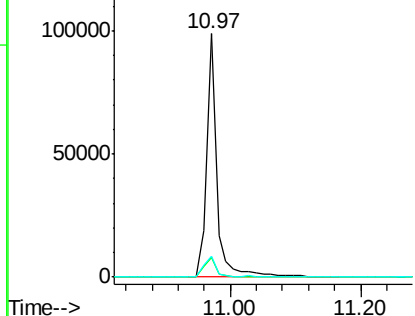


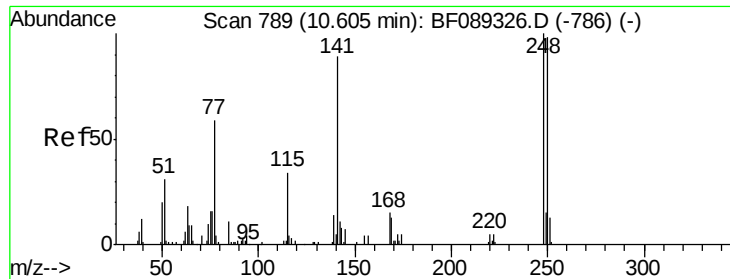
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Tgt Ion:188 Resp: 107282
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.5 9.7
 80 8.8 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: 5.07 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.32 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

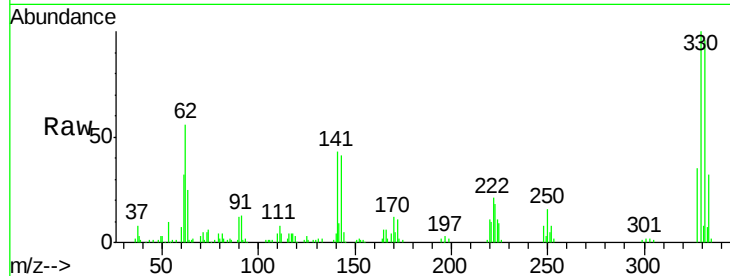
Tgt Ion:248 Resp: 5192

Ion Ratio Lower Upper

248 100

250 204.2 78.2 117.2#

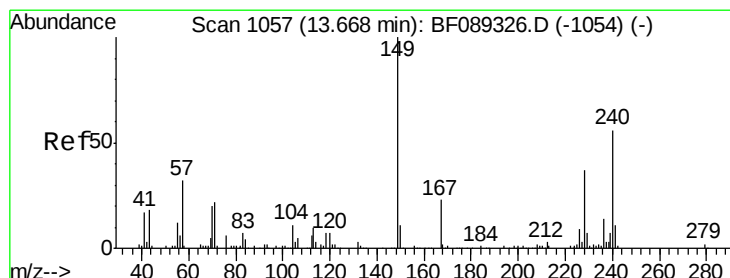
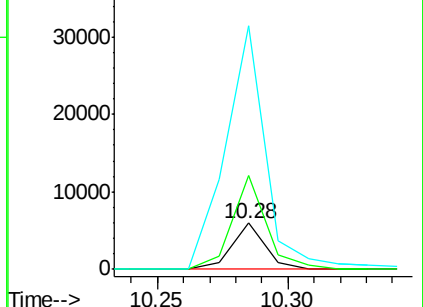
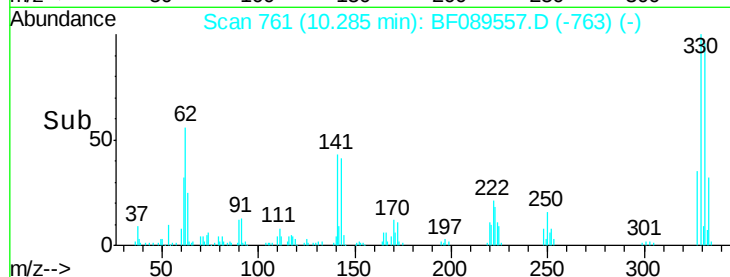
141 530.0 62.0 93.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

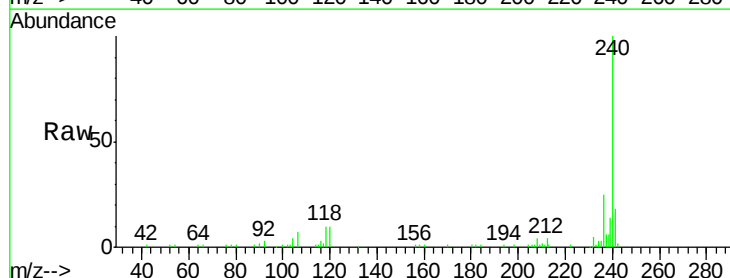
Tgt Ion:240 Resp: 85431

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

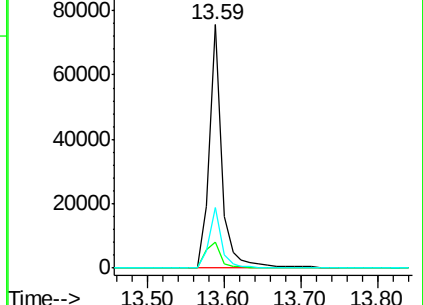
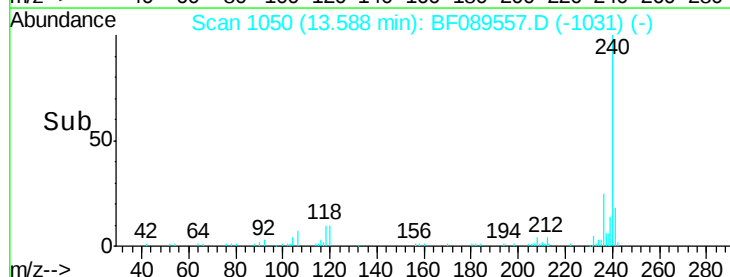
236 25.0 20.6 30.8

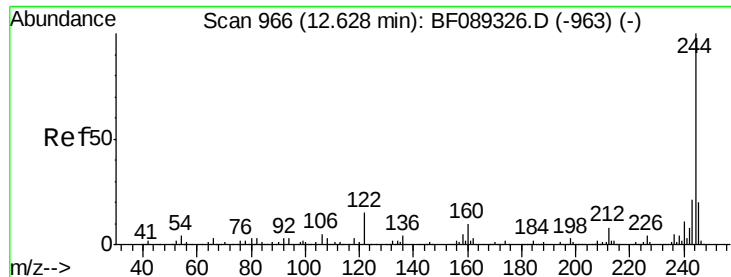


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

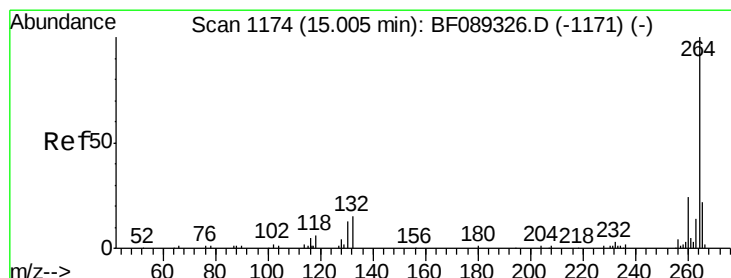
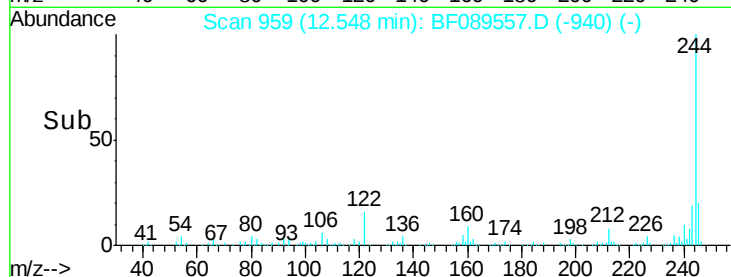
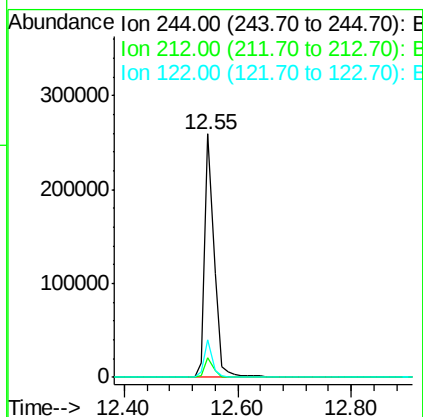
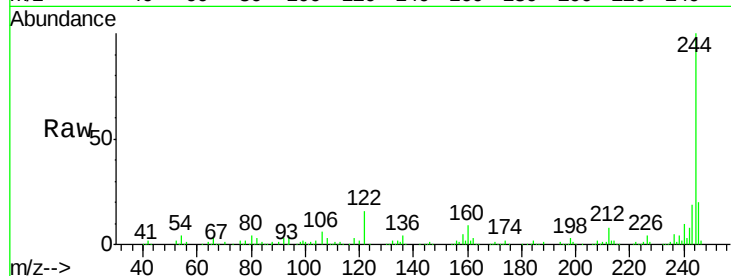




#78
 Terphenyl-d14
 Concen: 78.78 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

Tgt Ion:244 Resp: 287573
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 15.6 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Tgt Ion:264 Resp: 79594
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.1 17.5 26.3

