

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089559.D
 Acq On : 2 Aug 2016 21:10
 Operator : UM/SJ
 Sample : H4269-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-56-19.0-20.0

Quant Time: Aug 03 01:08:25 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

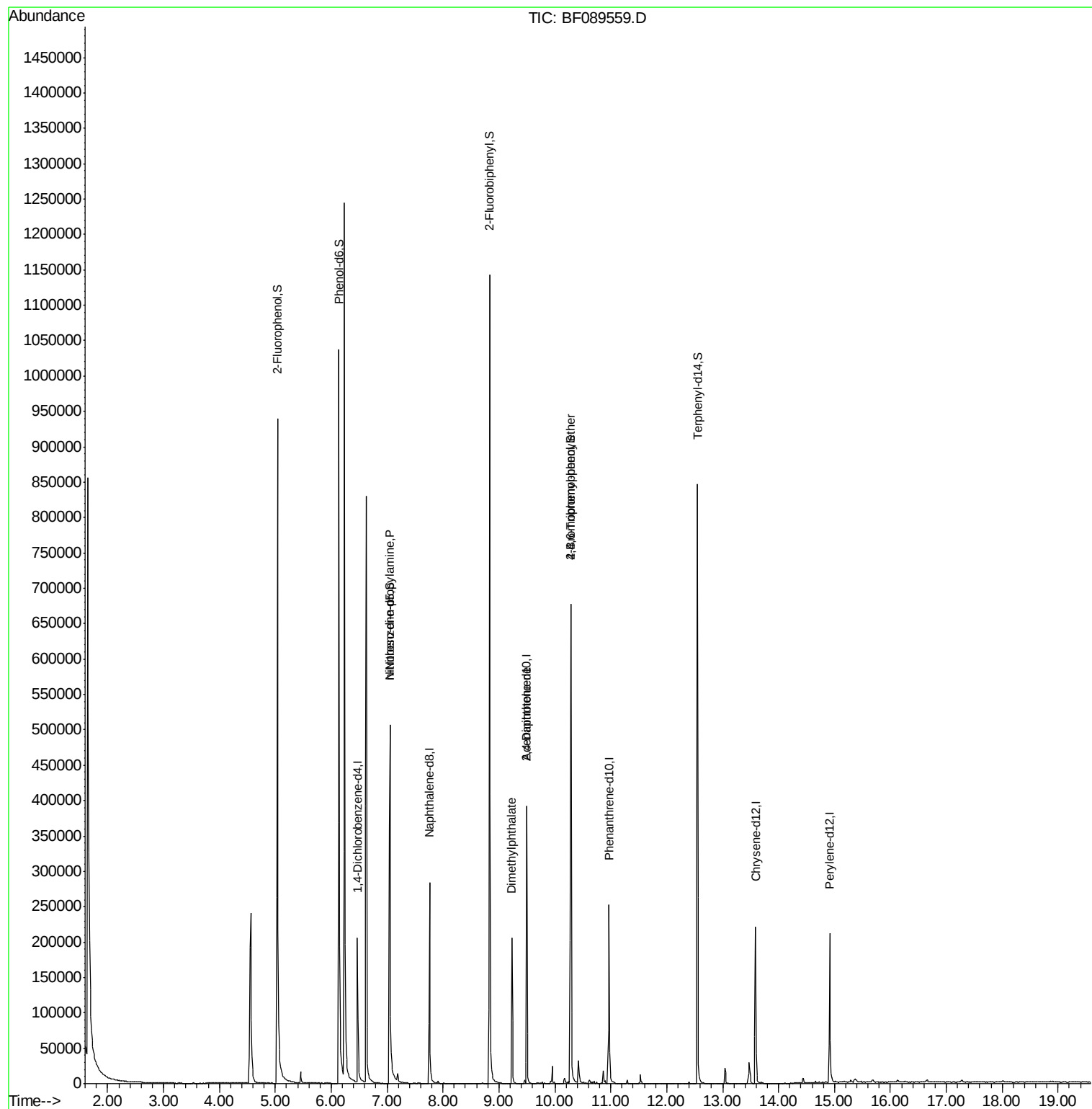
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43694	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	167660	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	75618	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	119858	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	92419	20.00	ng	-0.08
86) Perylene-d12	14.91	264	90581	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	340740	124.52	ng	-0.07
7) Phenol-d6	6.14	99	466703	129.05	ng	-0.07
23) Nitrobenzene-d5	7.05	82	285743	100.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	74766	119.38	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	418059	81.14	ng	-0.08
78) Terphenyl-d14	12.55	244	276533	70.03	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	36324	16.66	ng	# 77
49) Dimethylphthalate	9.23	163	97679	16.97	ng	# 98
56) 2,4-Dinitrotoluene	9.50	165	9185	5.90	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5701	4.98	ng	# 1

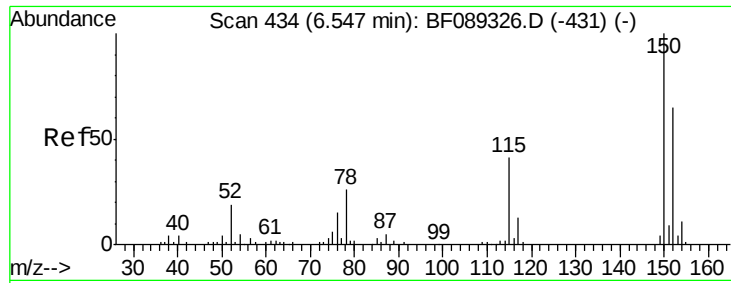
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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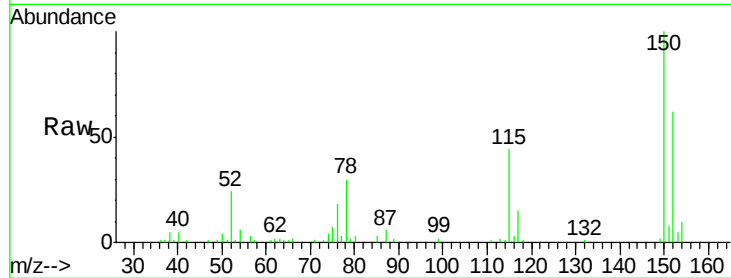


#1

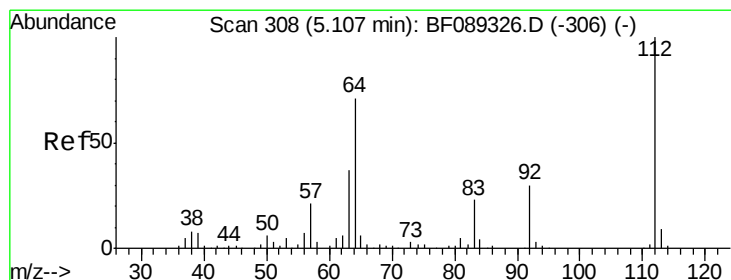
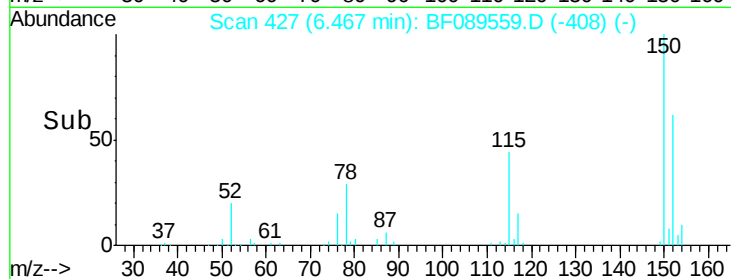
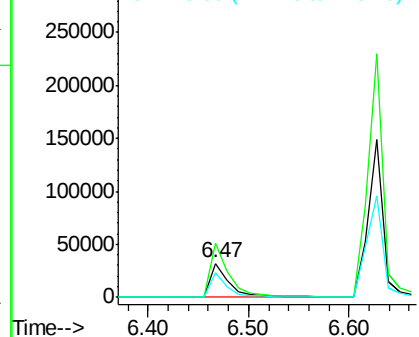
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.08 min
Lab File: BF089559.D
Acq: 2 Aug 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-56-19.0-20.0

Tgt Ion:152 Resp: 43694
Ion Ratio Lower Upper
152 100
150 160.2 129.5 194.3
115 71.2 51.4 77.2



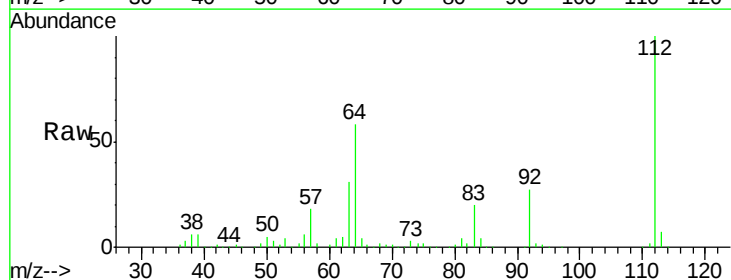
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



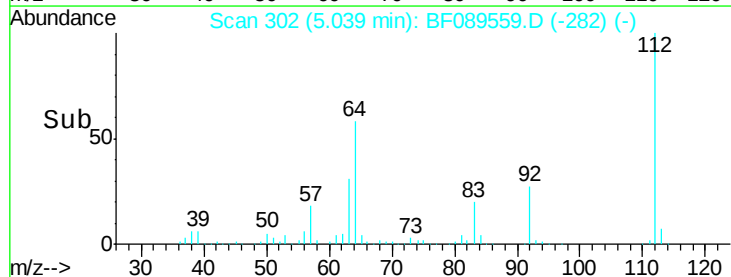
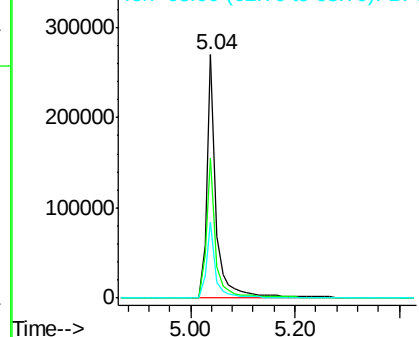
#5

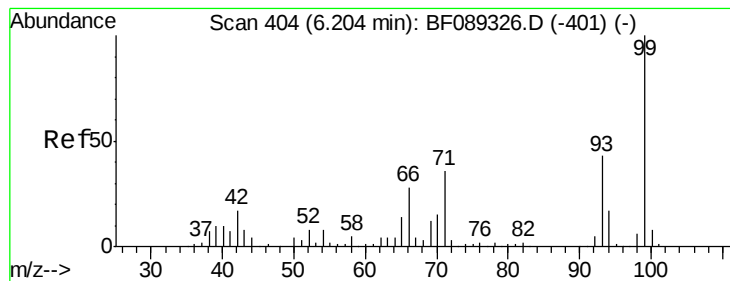
2-Fluorophenol
Concen: 124.52 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089559.D
Acq: 2 Aug 2016 21:10

Tgt Ion:112 Resp: 340740
Ion Ratio Lower Upper
112 100
64 57.5 55.0 82.6
63 31.3 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: 129.05 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089559.D

Acq: 2 Aug 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-56-19.0-20.0

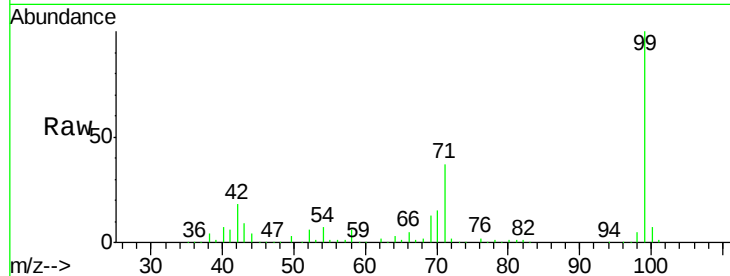
Tgt Ion: 99 Resp: 466703

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

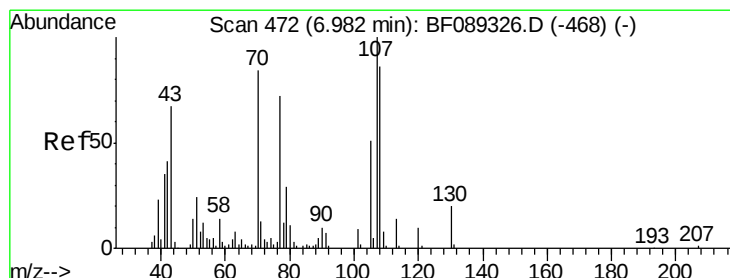
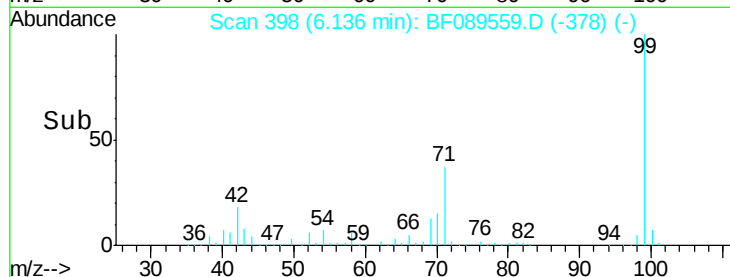
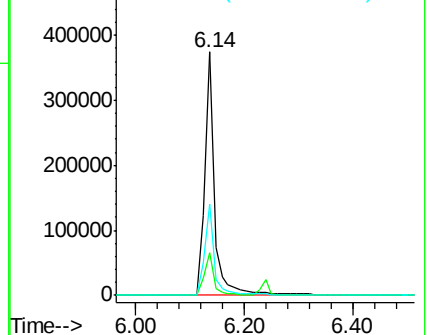
71 37.5 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.66 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089559.D

Acq: 2 Aug 2016 21:10

Tgt Ion: 70 Resp: 36324

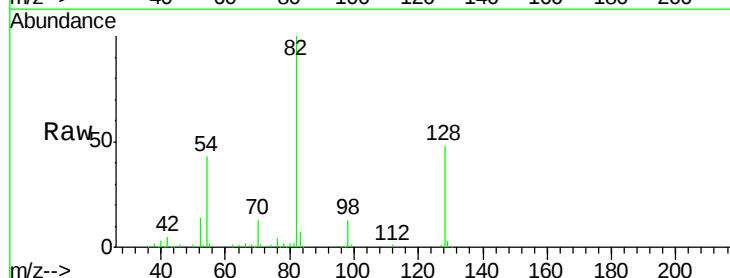
Ion Ratio Lower Upper

70 100

42 39.9 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#

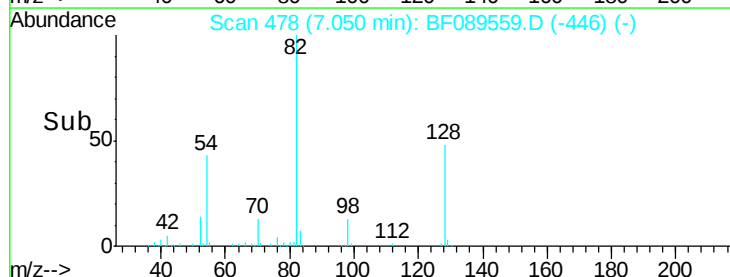
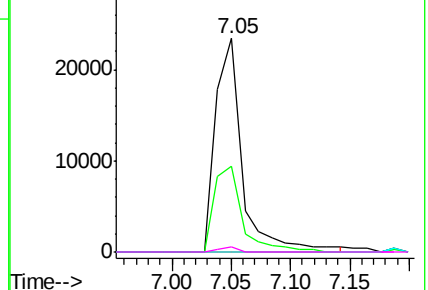


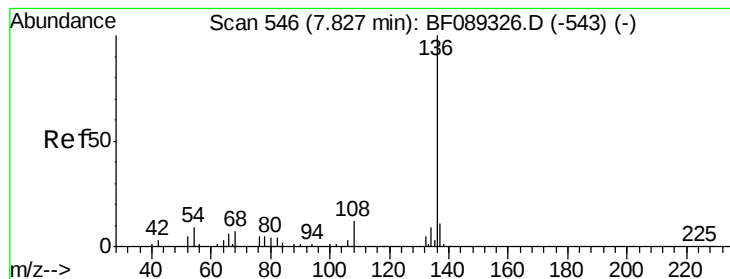
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089559.D

Acq: 2 Aug 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-56-19.0-20.0

Tgt Ion:136 Resp: 167660

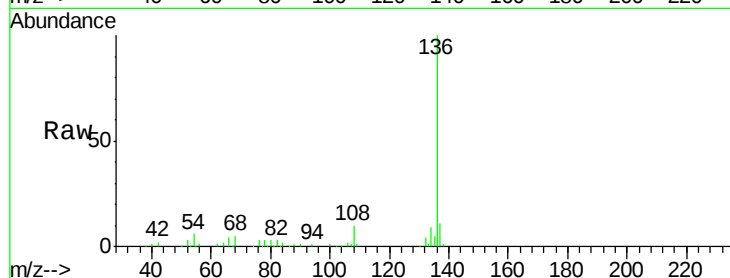
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.0 7.0 10.4#

68 4.8 4.9 7.3#

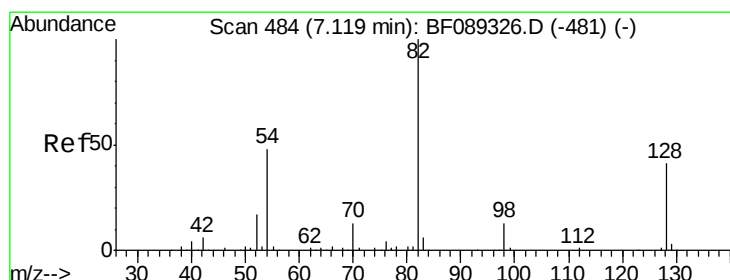
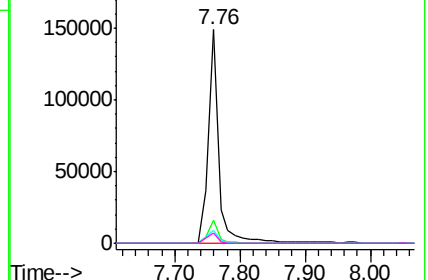
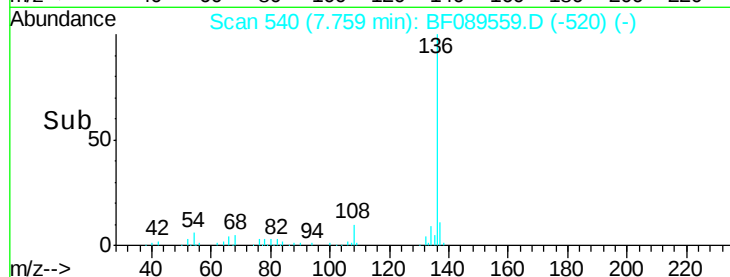


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.60 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089559.D

Acq: 2 Aug 2016 21:10

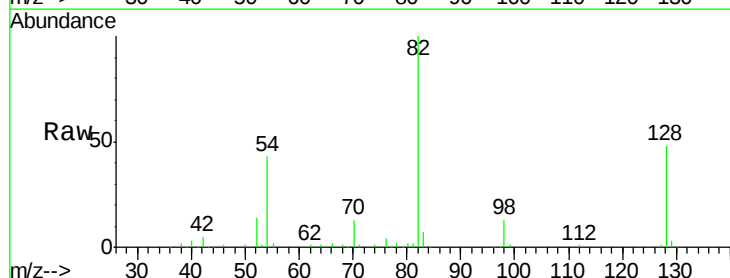
Tgt Ion: 82 Resp: 285743

Ion Ratio Lower Upper

82 100

128 47.8 32.5 48.7

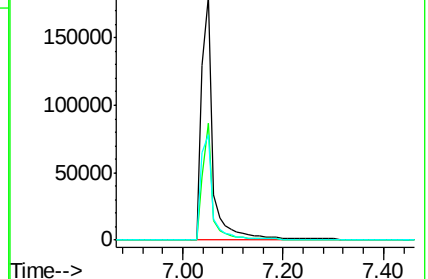
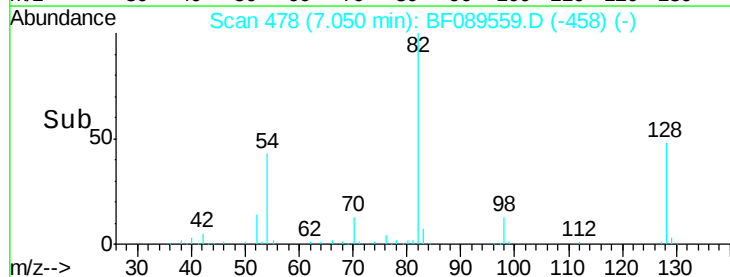
54 43.4 38.8 58.2

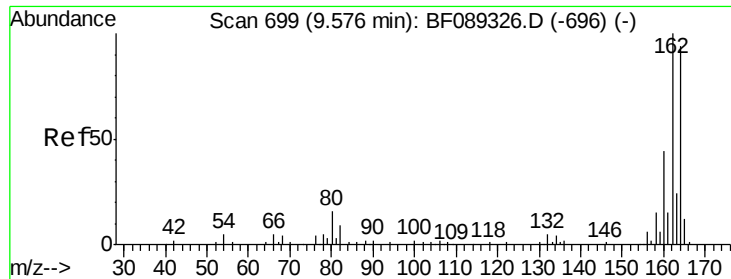


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

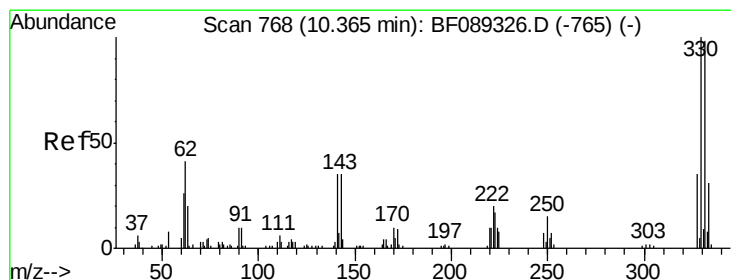
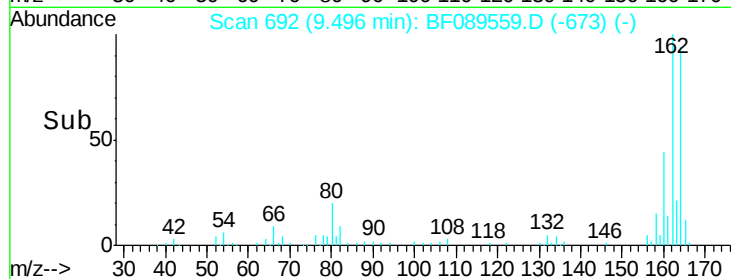
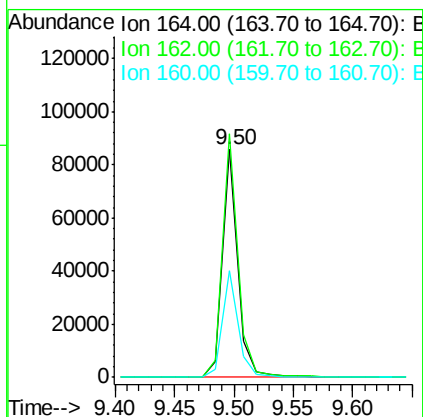
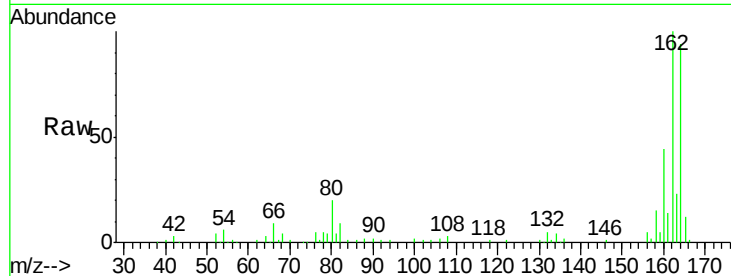




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089559.D
 Acq: 2 Aug 2016 21:10

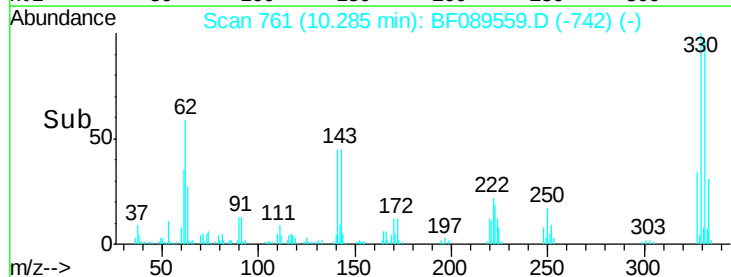
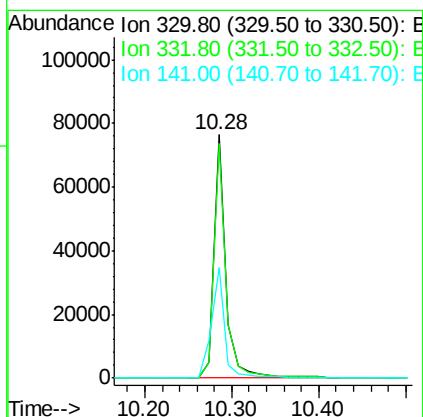
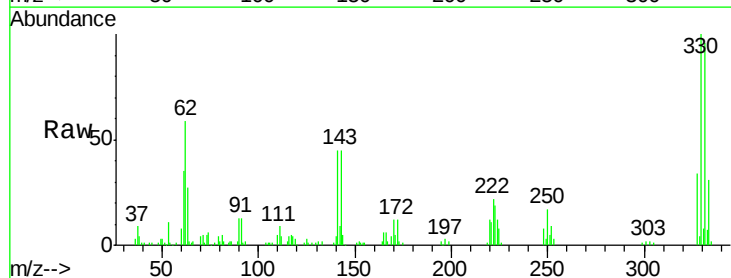
Instrument :
 BNA_F
 ClientSampleId :
 SB-56-19.0-20.0

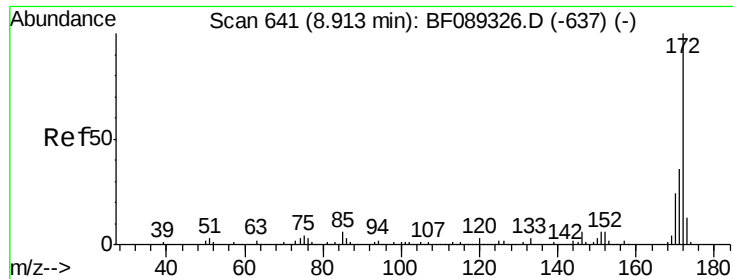
Tgt Ion:164 Resp: 75618
 Ion Ratio Lower Upper
 164 100
 162 106.7 83.7 125.5
 160 46.9 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 119.38 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089559.D
 Acq: 2 Aug 2016 21:10

Tgt Ion:330 Resp: 74766
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 50.0 37.3 55.9

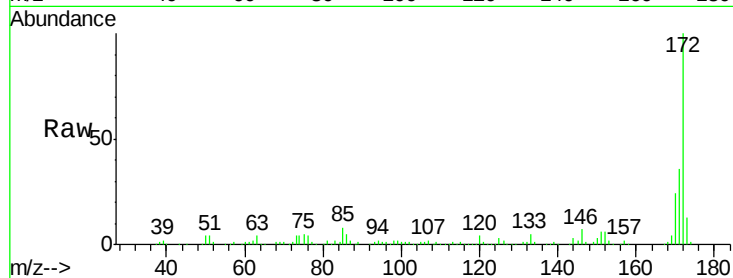




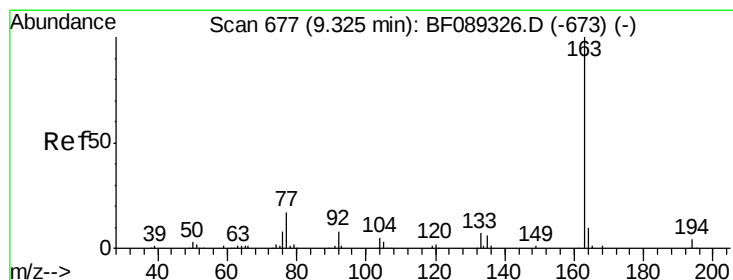
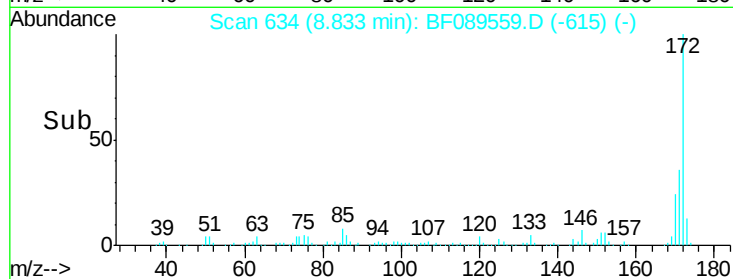
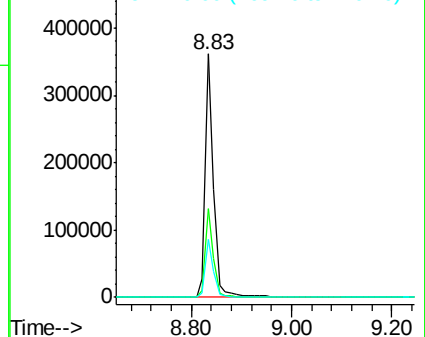
#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089559.D
 Acq: 2 Aug 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-56-19.0-20.0

Tgt Ion:172 Resp: 418059
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.8 19.2 28.8

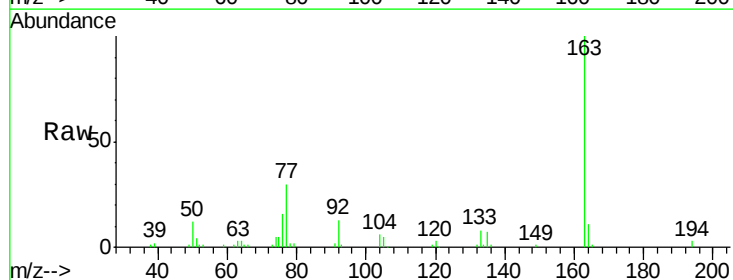


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

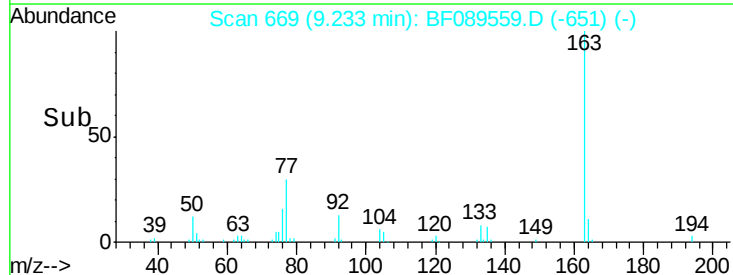
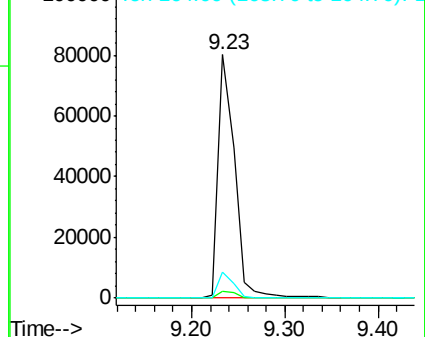


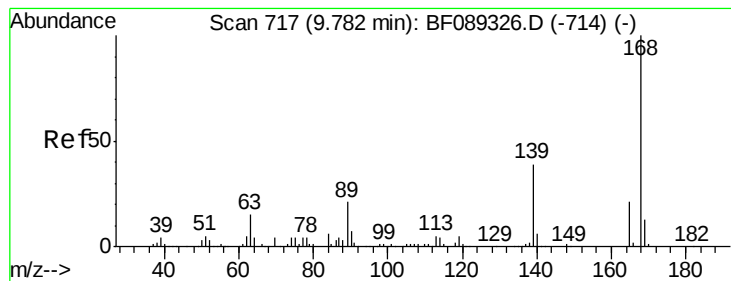
#49
 Dimethylphthalate
 Concen: 16.97 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089559.D
 Acq: 2 Aug 2016 21:10

Tgt Ion:163 Resp: 97679
 Ion Ratio Lower Upper
 163 100
 194 2.6 2.8 4.2#
 164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.90 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.29 min

Lab File: BF089559.D

Acq: 2 Aug 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-56-19.0-20.0

Tgt Ion:165 Resp: 9185

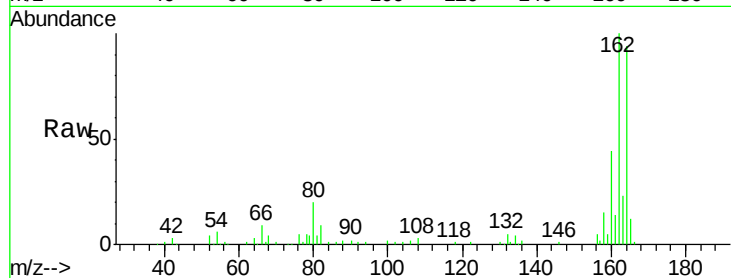
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

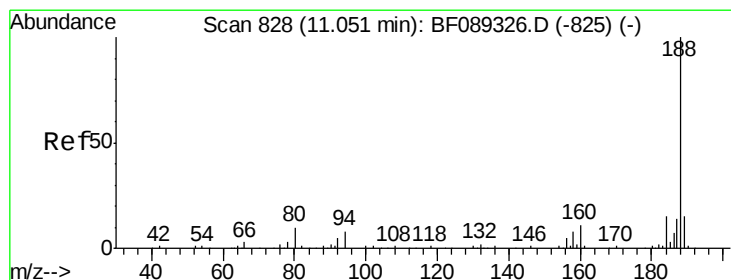
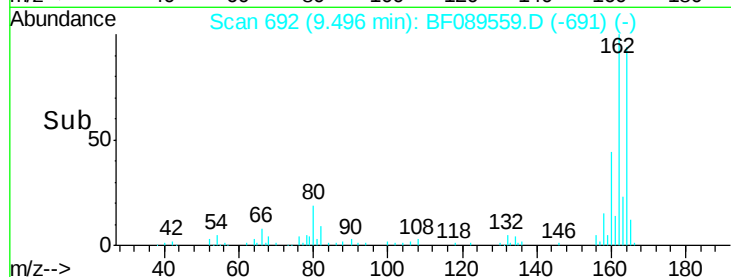
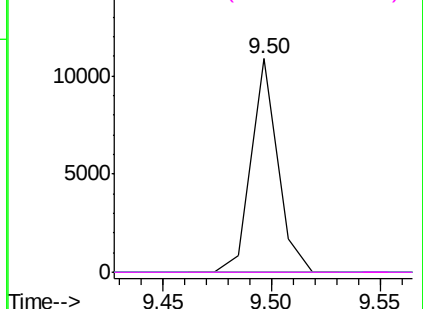


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089559.D

Acq: 2 Aug 2016 21:10

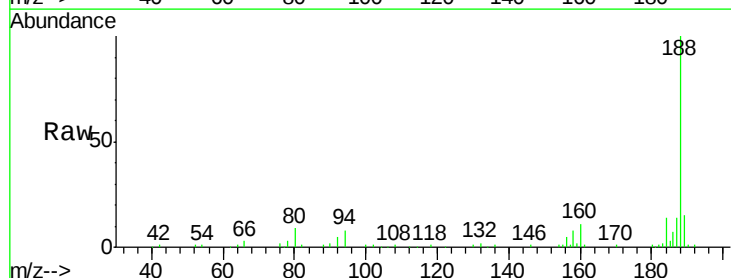
Tgt Ion:188 Resp: 119858

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

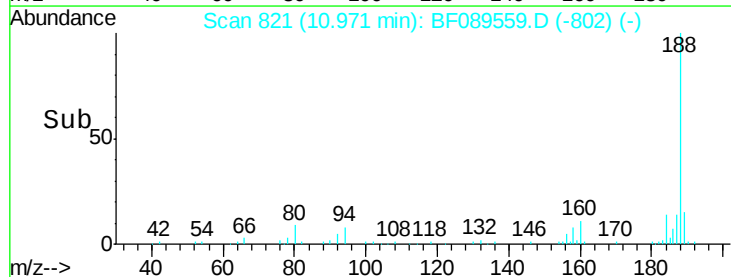
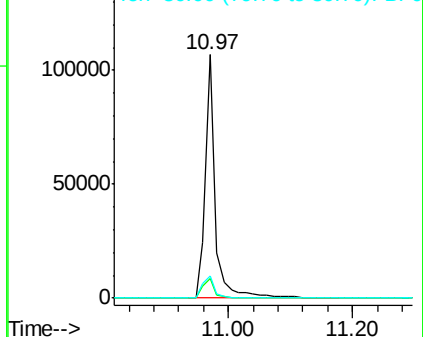
80 8.9 7.2 10.8

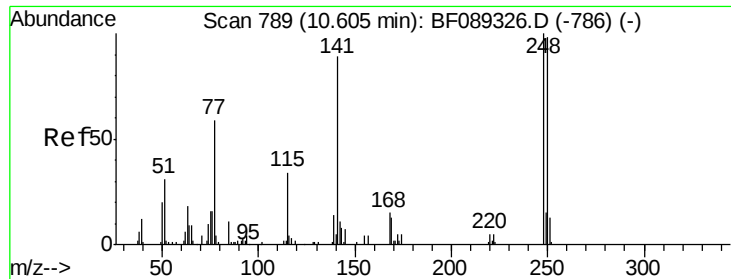


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

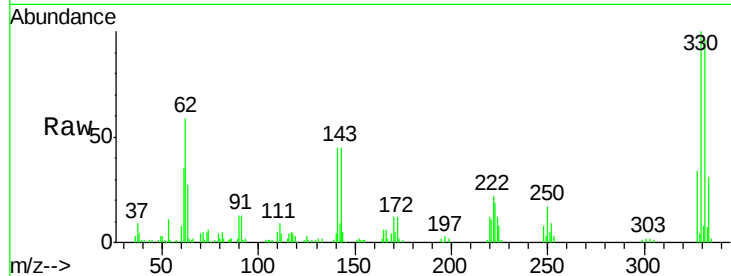




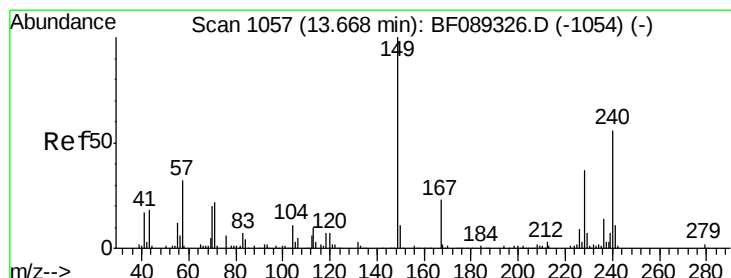
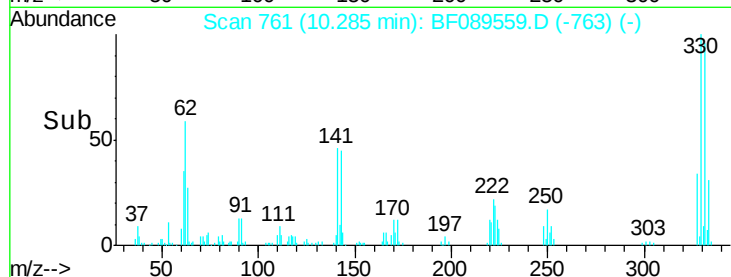
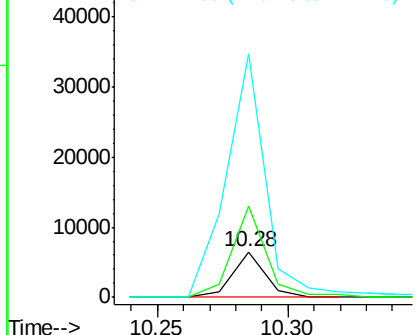
#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089559.D
Acq: 2 Aug 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-56-19.0-20.0

Tgt Ion:248 Resp: 5701
Ion Ratio Lower Upper
248 100
250 199.5 78.2 117.2#
141 535.1 62.0 93.0#

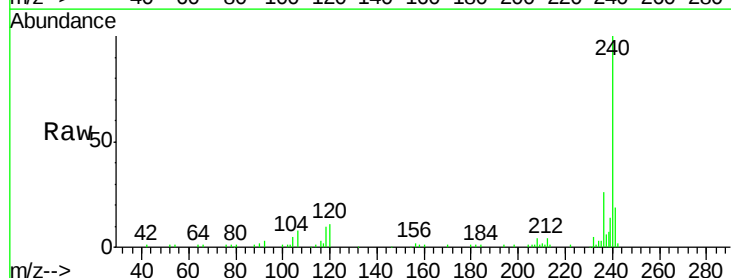


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

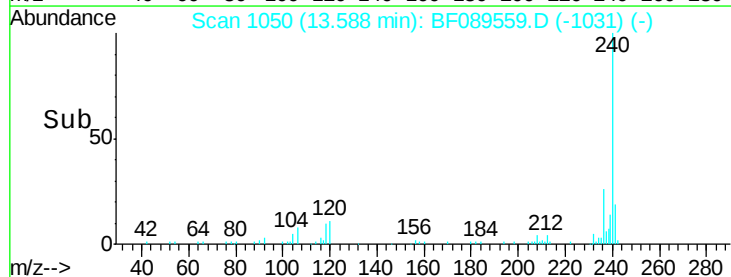
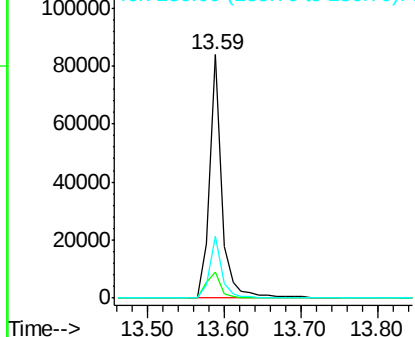


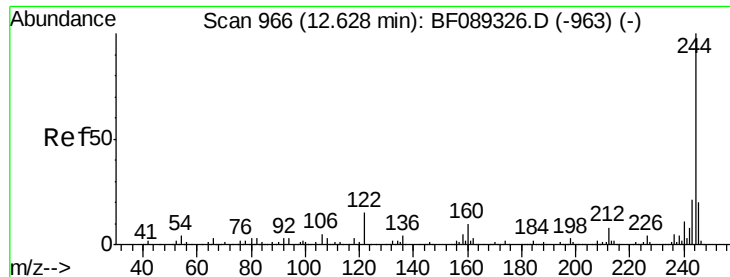
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF089559.D
Acq: 2 Aug 2016 21:10

Tgt Ion:240 Resp: 92419
Ion Ratio Lower Upper
240 100
120 10.6 9.1 13.7
236 25.5 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

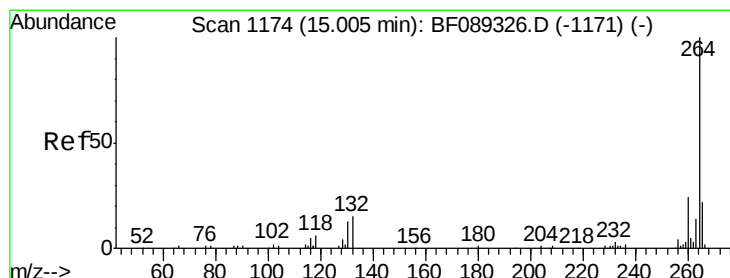
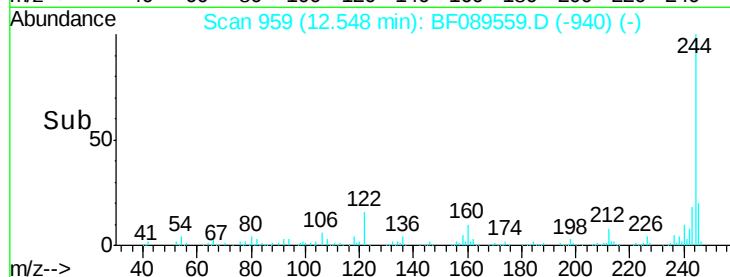
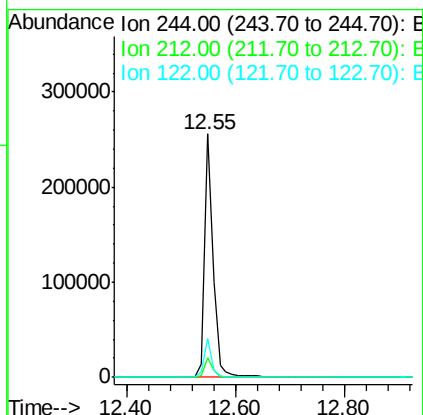
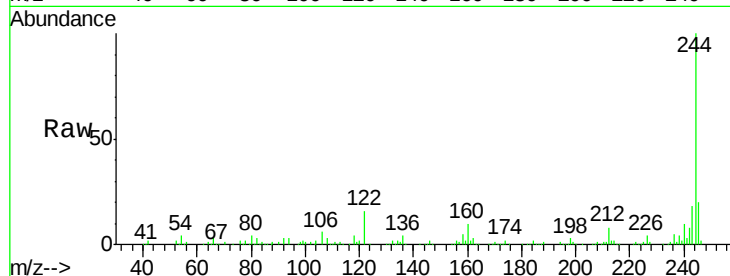




#78
 Terphenyl-d14
 Concen: 70.03 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089559.D
 Acq: 2 Aug 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-56-19.0-20.0

Tgt Ion:244 Resp: 276533
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 16.1 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: BF089559.D
 Acq: 2 Aug 2016 21:10

Tgt Ion:264 Resp: 90581
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.0 17.5 26.3

