

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089552.D
 Acq On : 2 Aug 2016 17:41
 Operator : UM/SJ
 Sample : H4269-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Quant Time: Aug 03 01:06:53 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

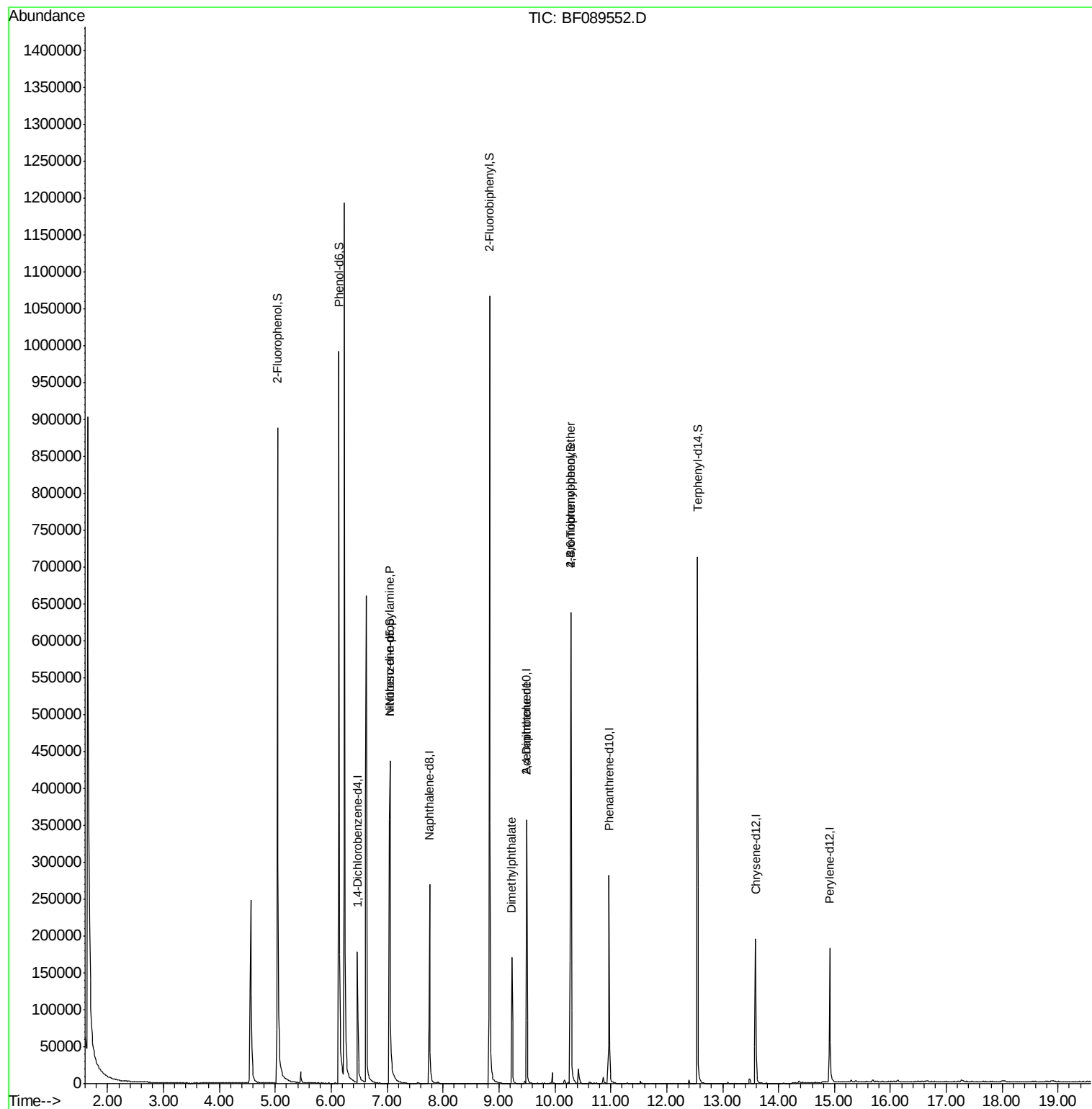
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	40220	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	157744	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	71972	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	122980	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	81855	20.00	ng	-0.08
86) Perylene-d12	14.91	264	77001	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	313947	124.64	ng	-0.07
7) Phenol-d6	6.14	99	451761	135.71	ng	-0.07
23) Nitrobenzene-d5	7.05	82	262606	98.26	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	70325	117.98	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	383030	78.10	ng	-0.08
78) Terphenyl-d14	12.55	244	242220	69.26	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	33646	16.76	ng	# 77
49) Dimethylphthalate	9.23	163	85865	15.68	ng	98
56) 2,4-Dinitrotoluene	9.50	165	9080	6.13	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5247	4.47	ng	# 1

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

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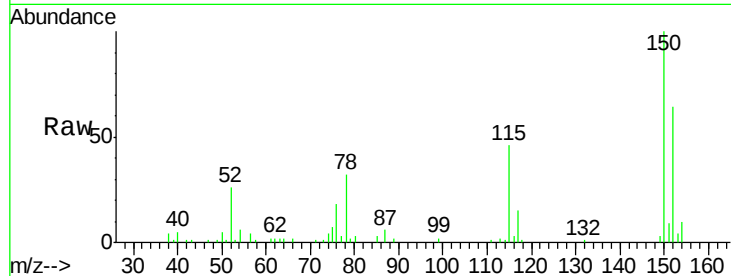




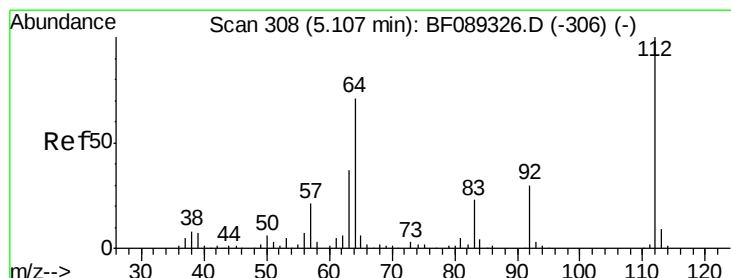
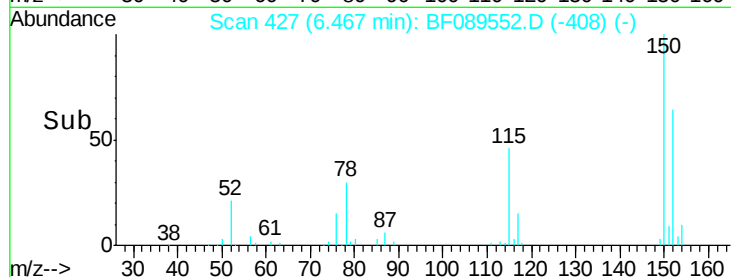
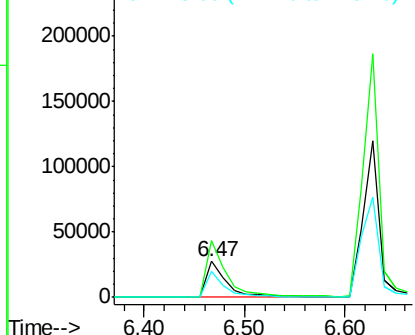
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.08 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tgt Ion:152 Resp: 40220
 Ion Ratio Lower Upper
 152 100
 150 156.8 129.5 194.3
 115 72.1 51.4 77.2

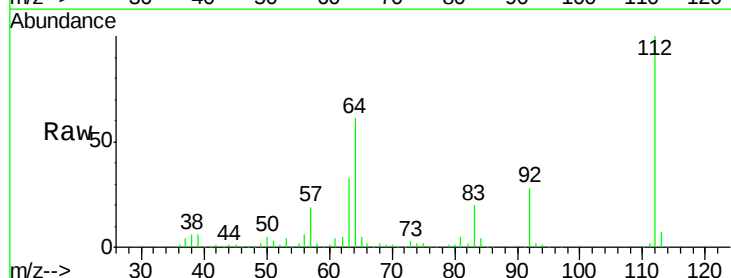


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

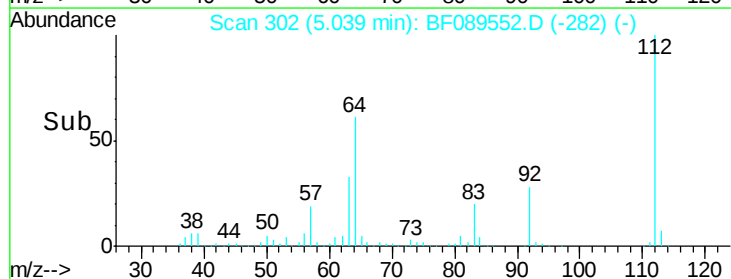
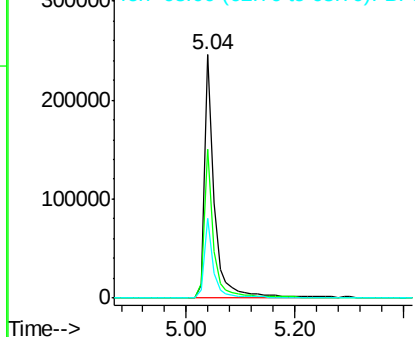


#5
 2-Fluorophenol
 Concen: 124.64 ng
 RT: 5.04 min Scan# 302
 Delta R.T. -0.07 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:112 Resp: 313947
 Ion Ratio Lower Upper
 112 100
 64 61.0 55.0 82.6
 63 32.8 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: 135.71 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

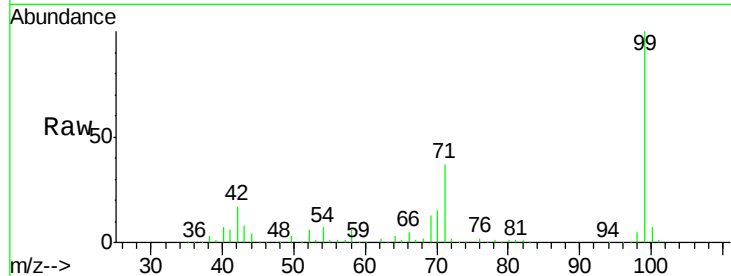
Tgt Ion: 99 Resp: 451761

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

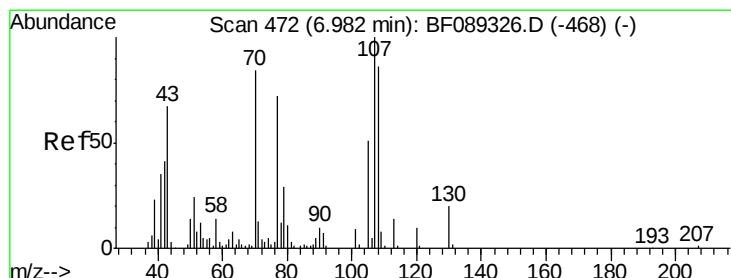
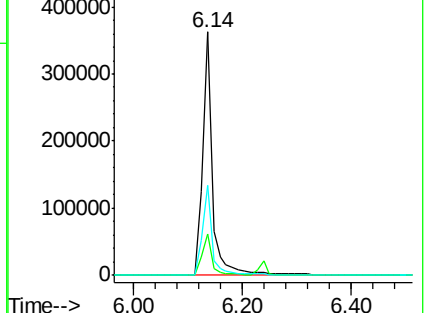
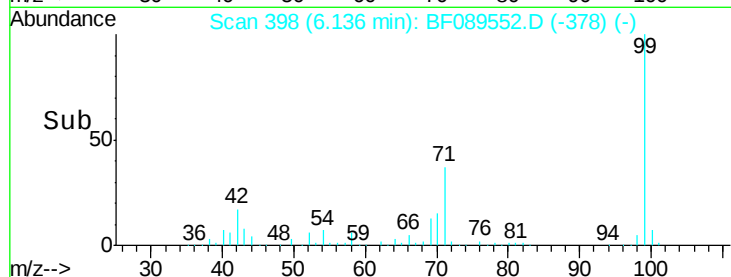
71 37.0 29.4 44.2



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: 16.76 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Tgt Ion: 70 Resp: 33646

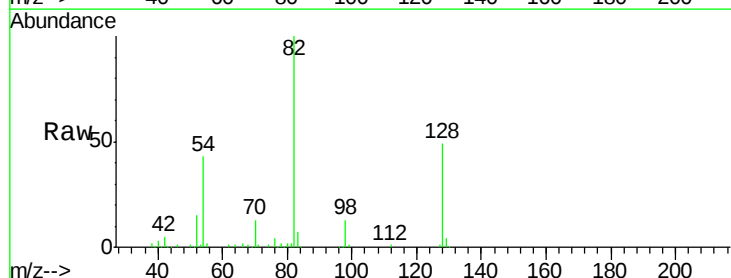
Ion Ratio Lower Upper

70 100

42 40.2 38.6 57.8

101 0.0 8.3 12.5#

130 2.6 19.0 28.4#

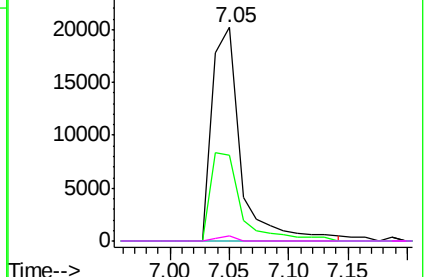
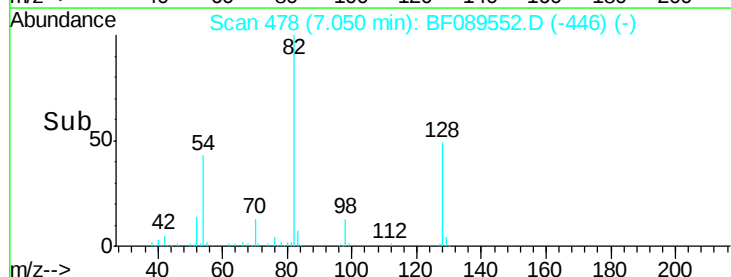


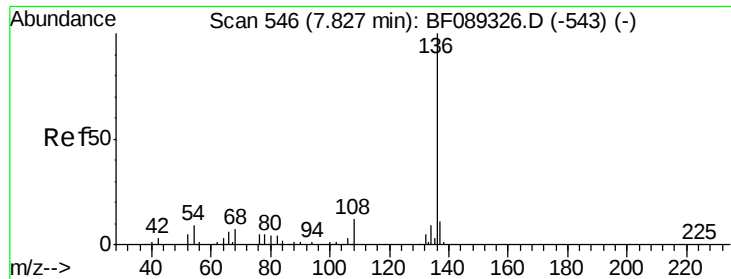
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

Tgt Ion:136 Resp: 157744

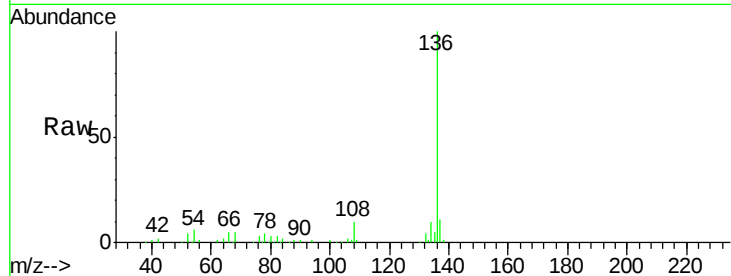
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.1 7.0 10.4#

68 5.1 4.9 7.3

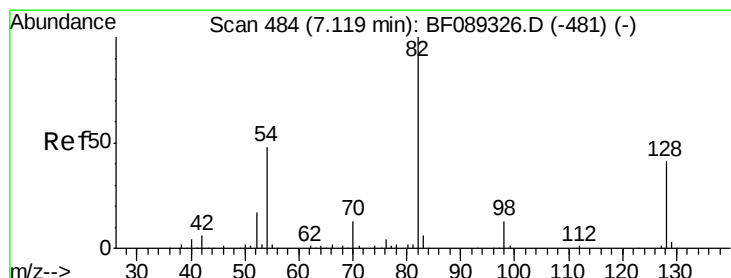
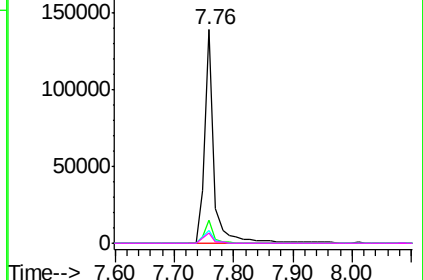
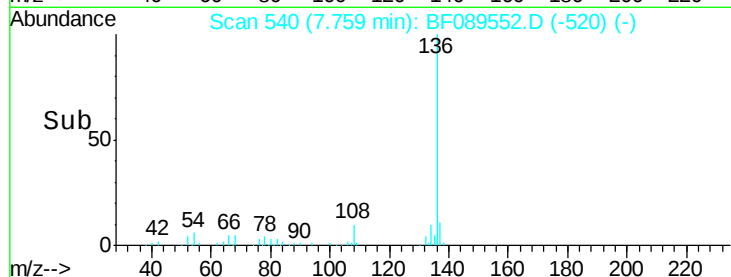


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.26 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

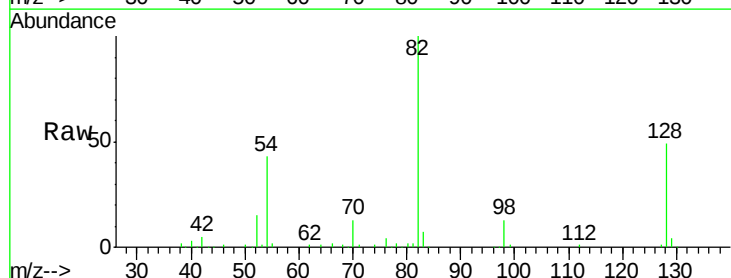
Tgt Ion: 82 Resp: 262606

Ion Ratio Lower Upper

82 100

128 49.2 32.5 48.7#

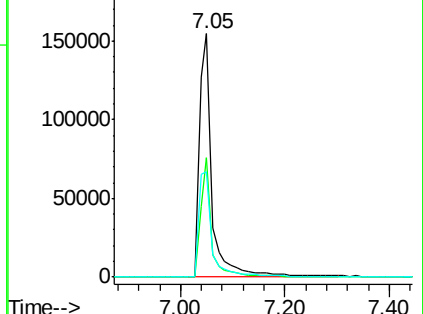
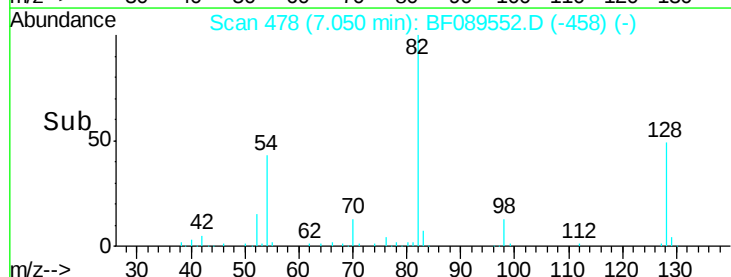
54 43.2 38.8 58.2

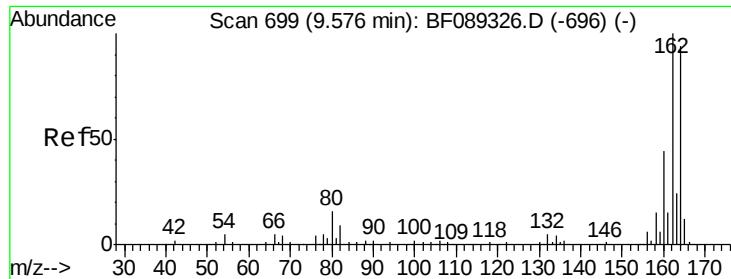


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

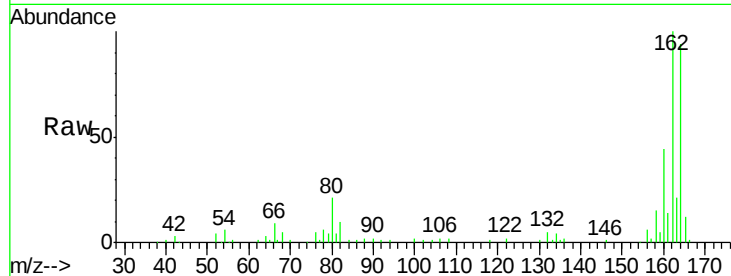
Tgt Ion:164 Resp: 71972

Ion Ratio Lower Upper

164 100

162 105.9 83.7 125.5

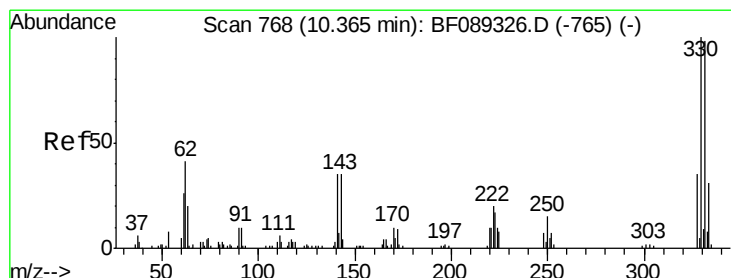
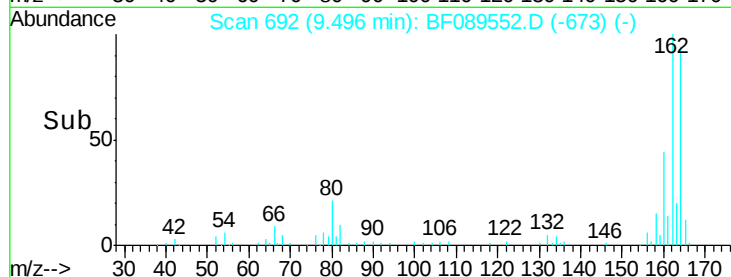
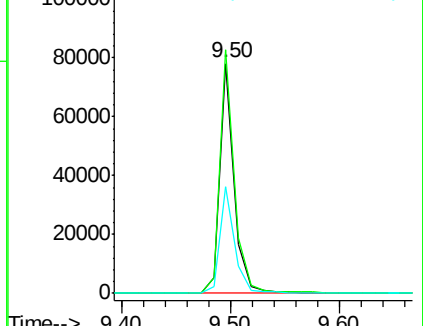
160 46.5 37.8 56.6



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: 117.98 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.08 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

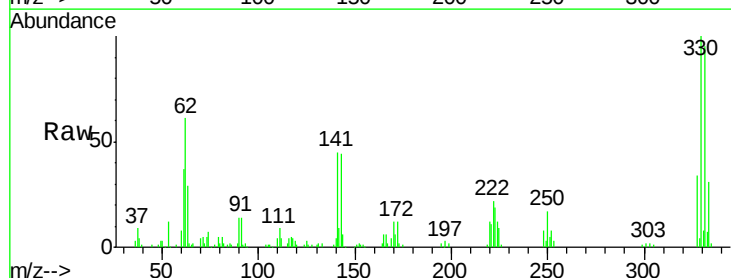
Tgt Ion:330 Resp: 70325

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

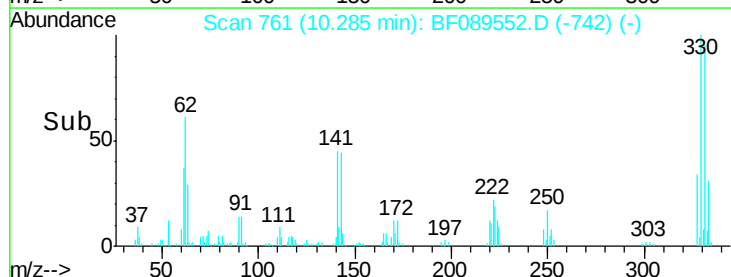
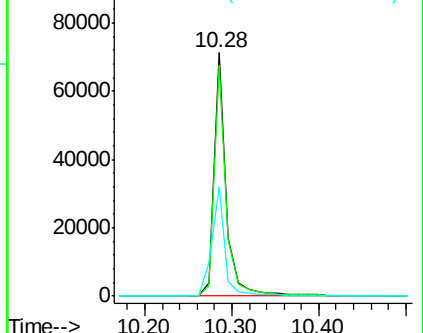
141 48.5 37.3 55.9

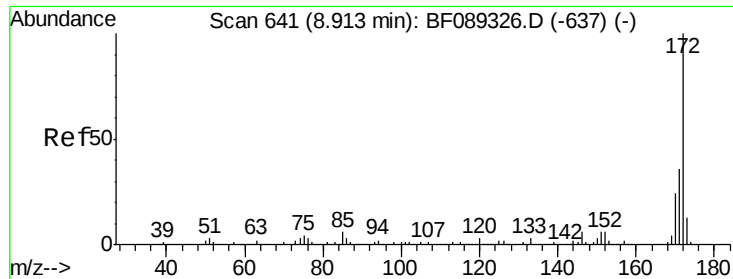


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

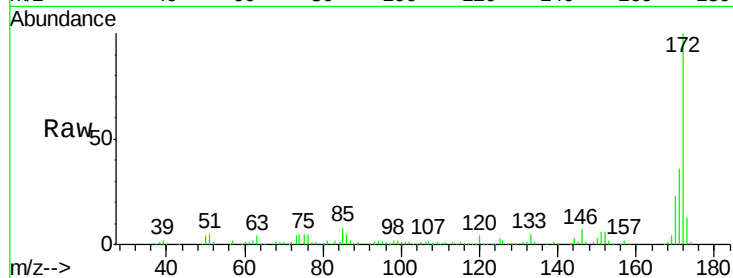




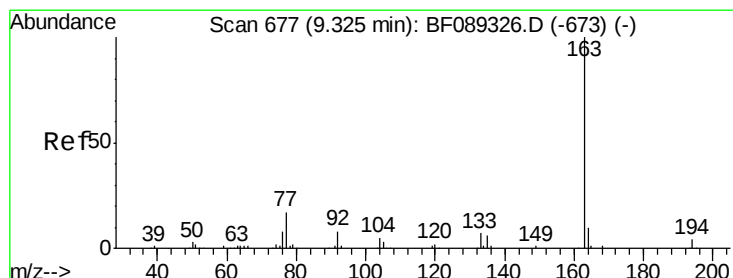
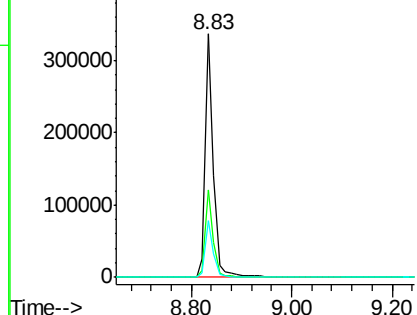
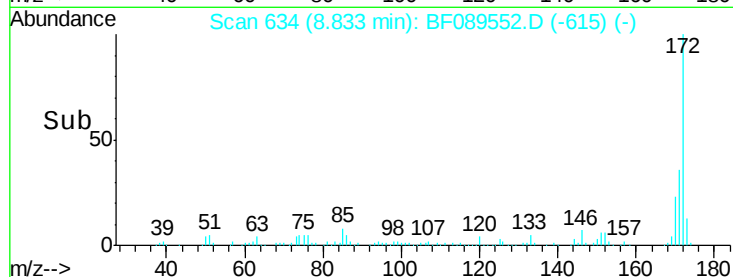
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tgt Ion:172 Resp: 383030
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.4 19.2 28.8

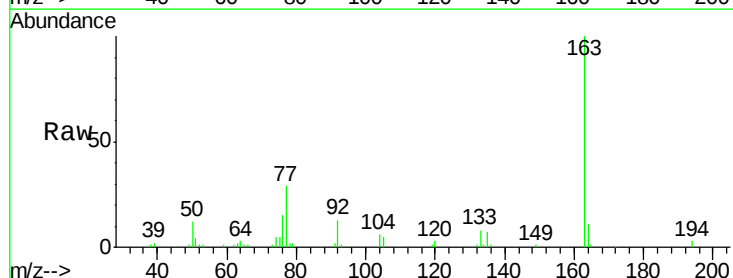


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

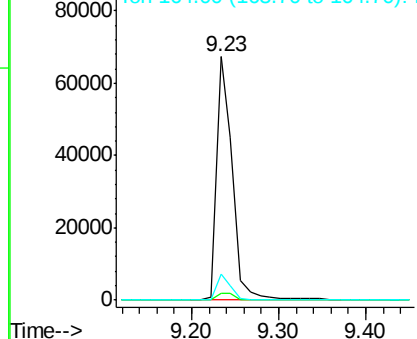
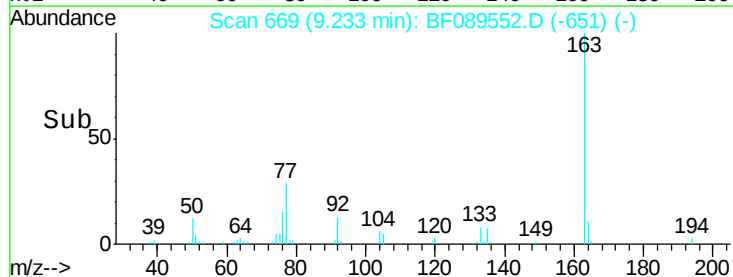


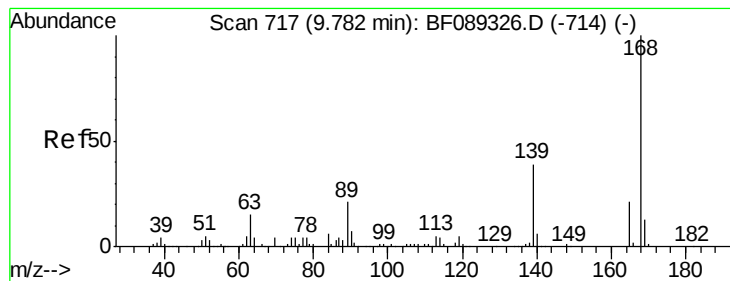
#49
 Dimethylphthalate
 Concen: 15.68 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:163 Resp: 85865
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.8 4.2
 164 10.6 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

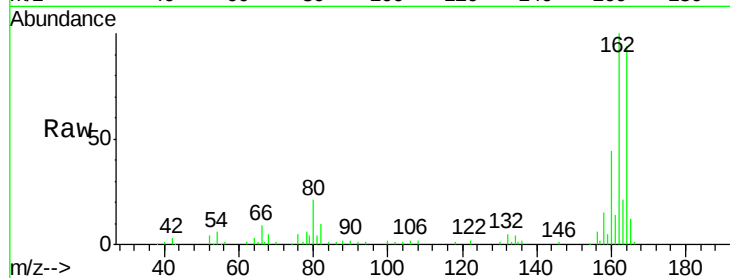




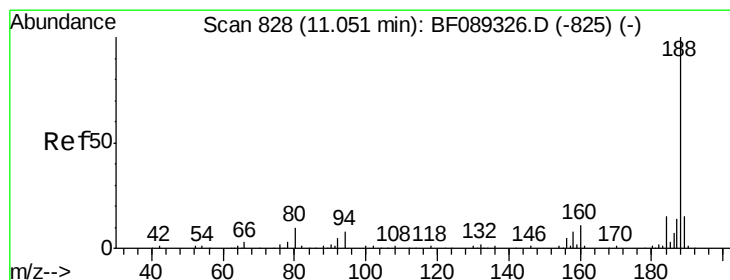
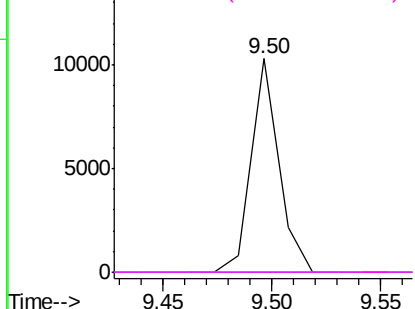
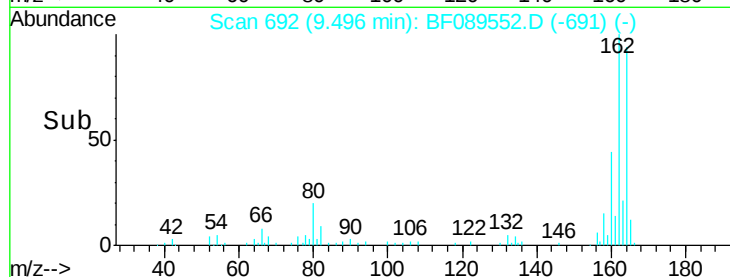
#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tgt Ion:165 Resp: 9080
 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#

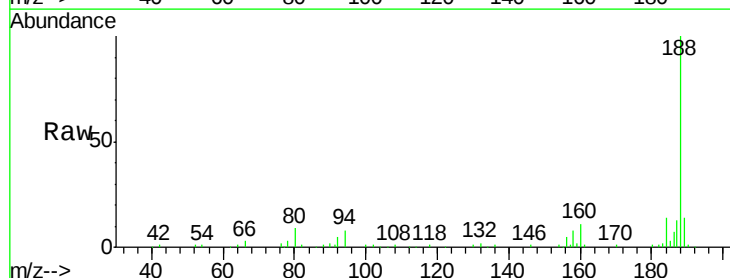


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

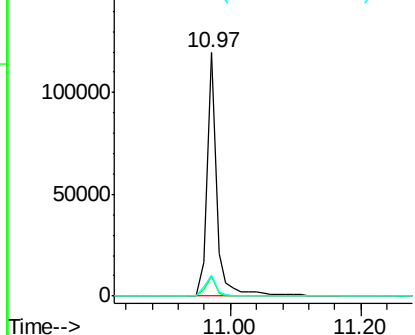
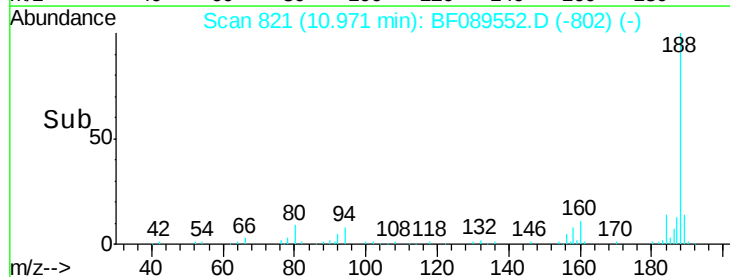


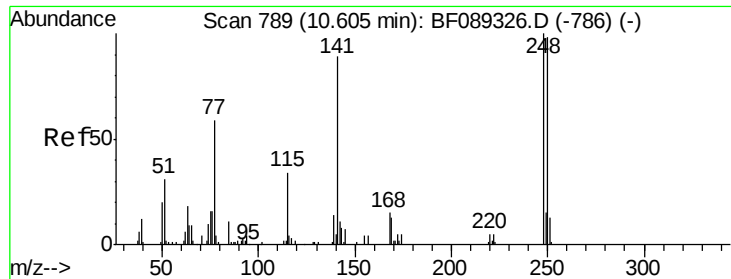
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:188 Resp: 122980
 Ion Ratio Lower Upper
 188 100
 94 8.2 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

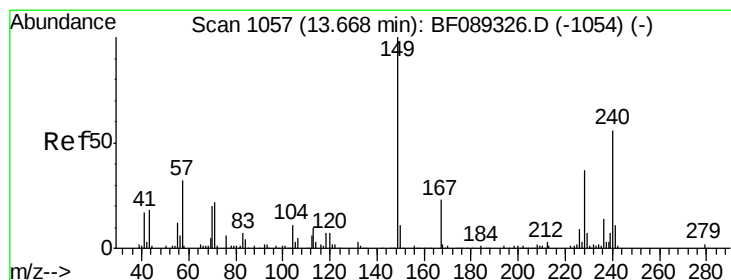
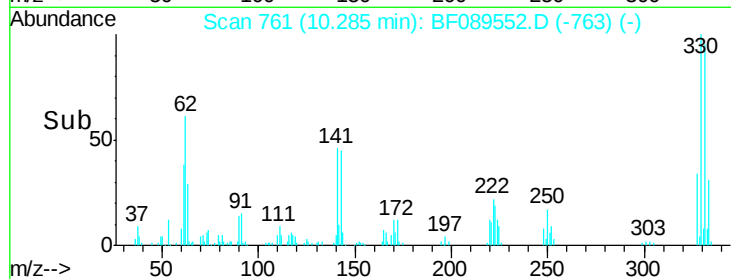
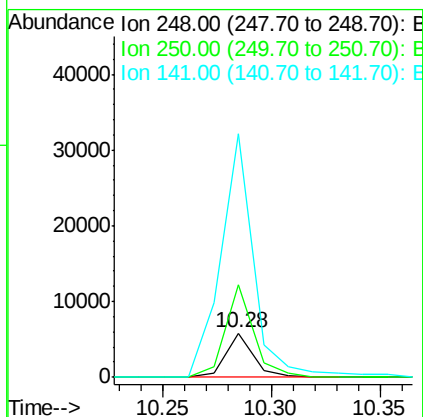
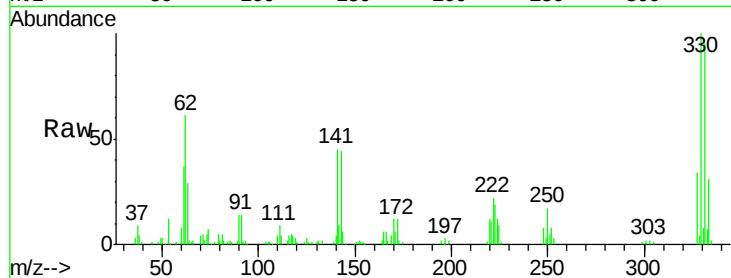




#66
 4-Bromophenyl-phenylether
 Concen: 4.47 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

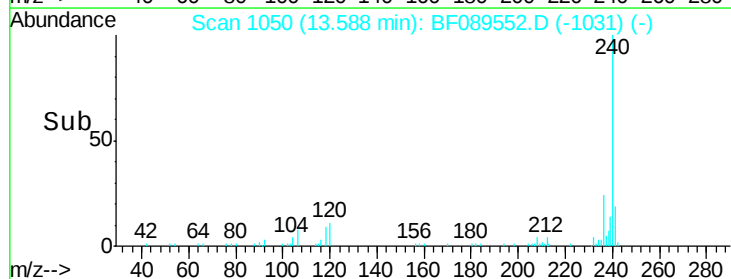
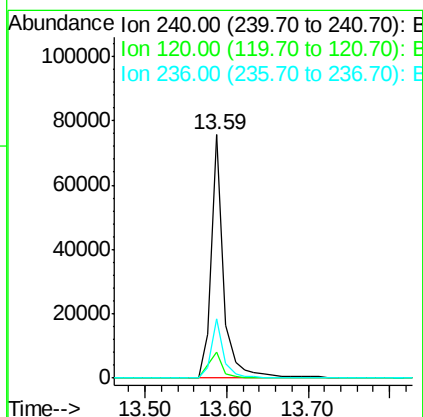
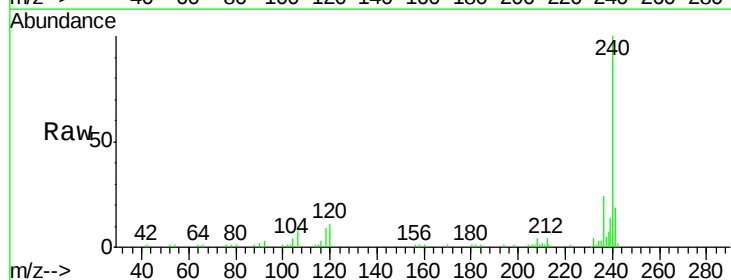
Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

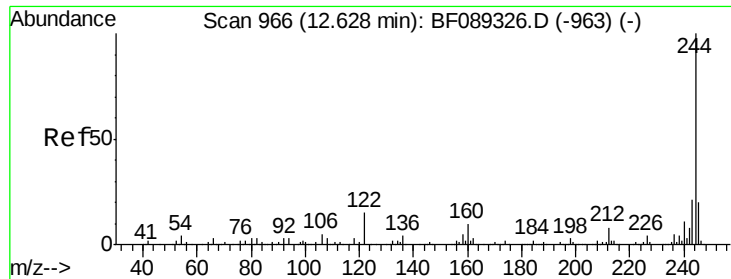
Tgt Ion:248 Resp: 5247
 Ion Ratio Lower Upper
 248 100
 250 207.7 78.2 117.2#
 141 549.0 62.0 93.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:240 Resp: 81855
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.1 13.7
 236 24.5 20.6 30.8

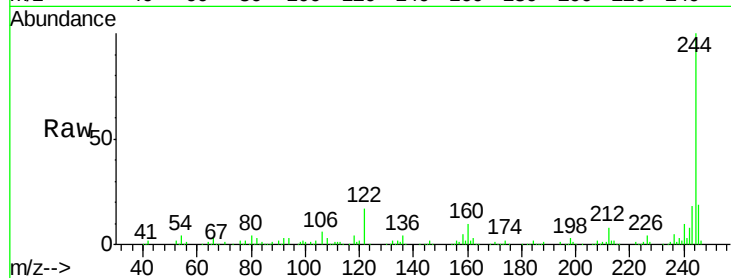




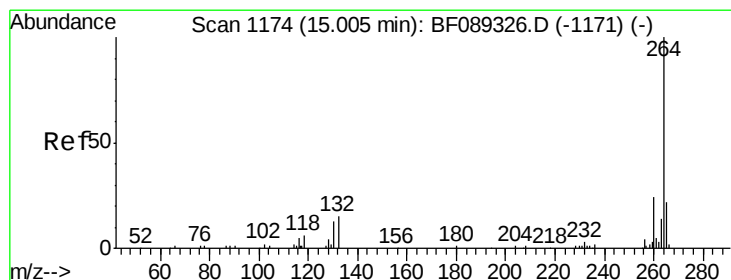
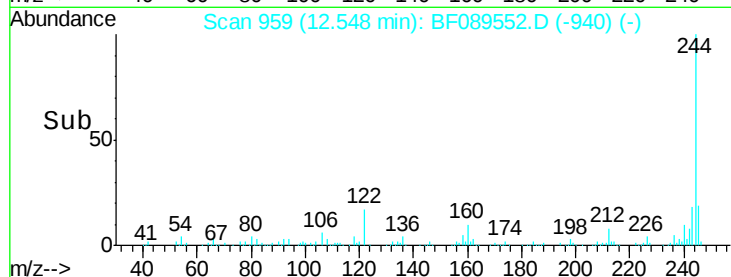
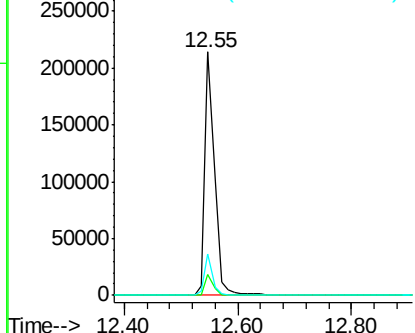
#78
 Terphenyl-d14
 Concen: 69.26 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tgt Ion:244 Resp: 242220
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 16.8 11.4 17.0

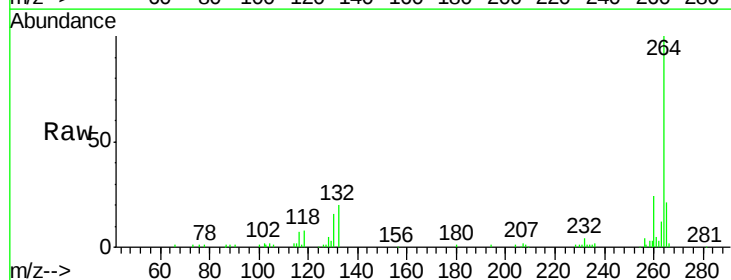


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:264 Resp: 77001
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.2 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

