

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089529.D
 Acq On : 2 Aug 2016 00:26
 Operator : UM/SJ
 Sample : H4287-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-63-6.5-7.5

Quant Time: Aug 02 01:49:56 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

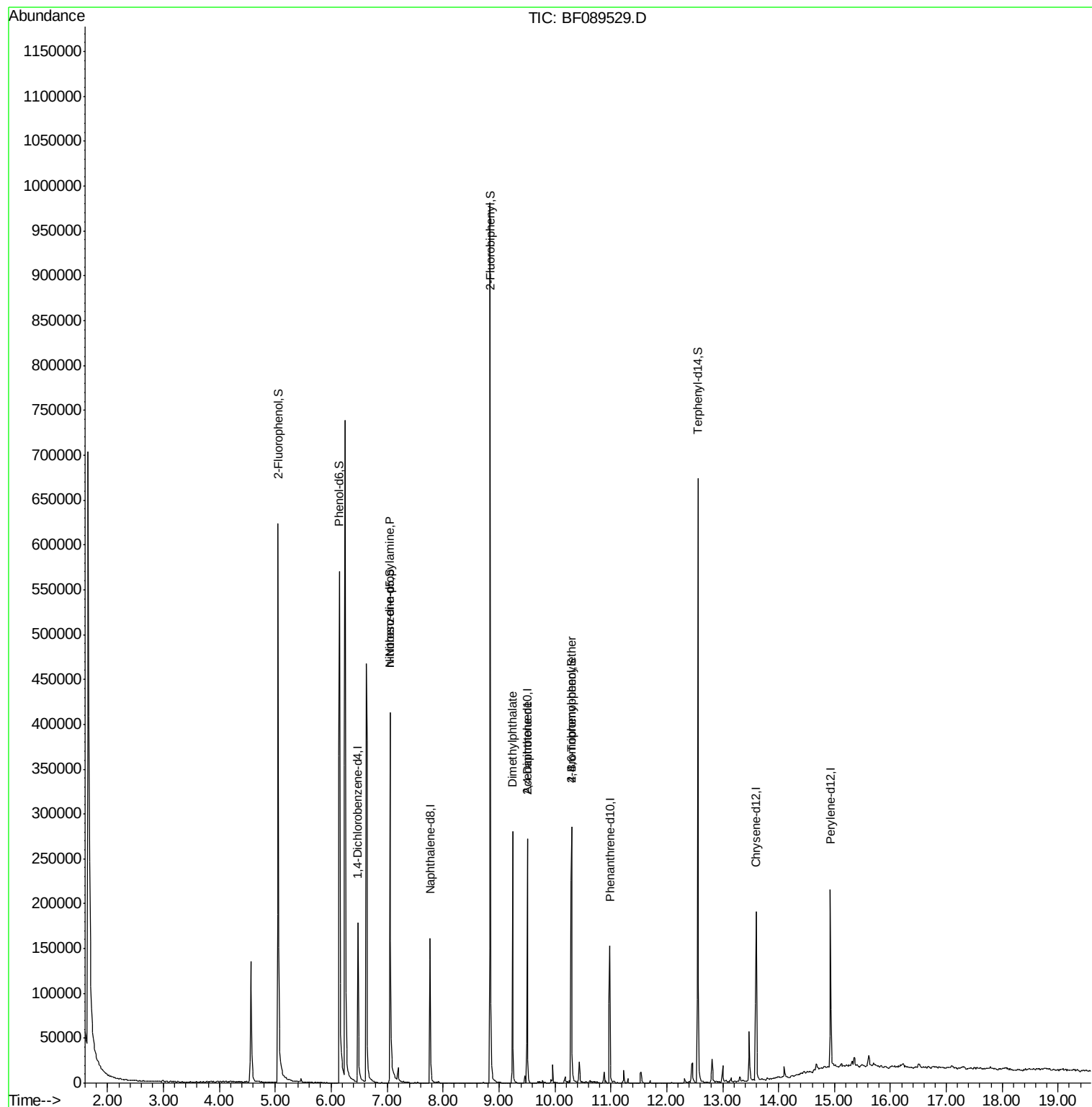
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	34311	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	125326	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	52721	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	82436	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	78740	20.00	ng	-0.07
86) Perylene-d12	14.93	264	80532	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	239364	111.39	ng	-0.06
7) Phenol-d6	6.15	99	317057	111.65	ng	-0.06
23) Nitrobenzene-d5	7.05	82	187610	88.36	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	43880	100.49	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	306746	85.39	ng	-0.07
78) Terphenyl-d14	12.56	244	205122	60.97	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	23921	13.97	ng	# 83
49) Dimethylphthalate	9.24	163	106976	26.66	ng	99
56) 2,4-Dinitrotoluene	9.51	165	6738	6.21	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	3292	4.18	ng	# 1

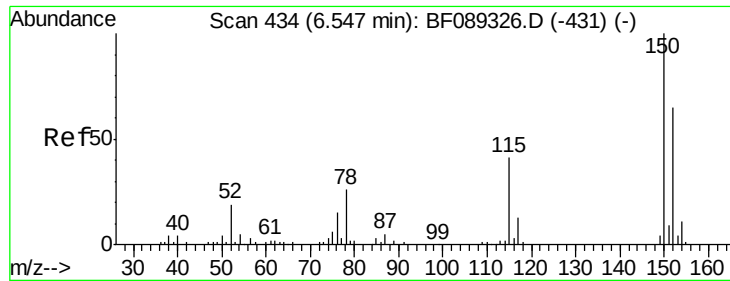
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

Instrument :

BNA_F

ClientSampleId :

SB-63-6.5-7.5

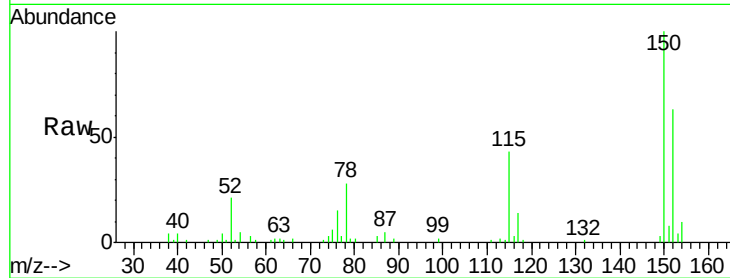
Tgt Ion:152 Resp: 34311

Ion Ratio Lower Upper

152 100

150 158.8 129.5 194.3

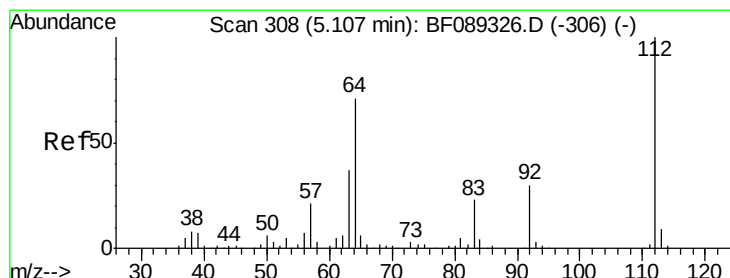
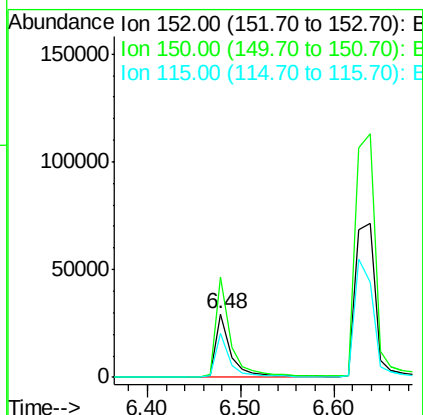
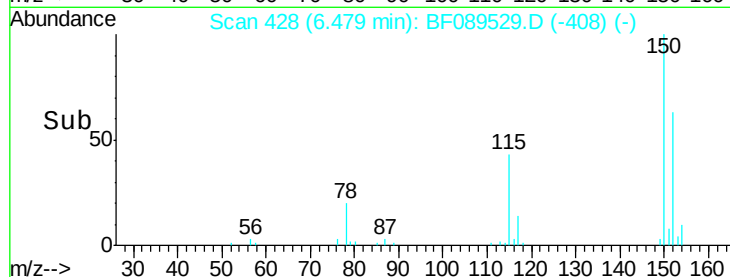
115 68.7 51.4 77.2



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: 111.39 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

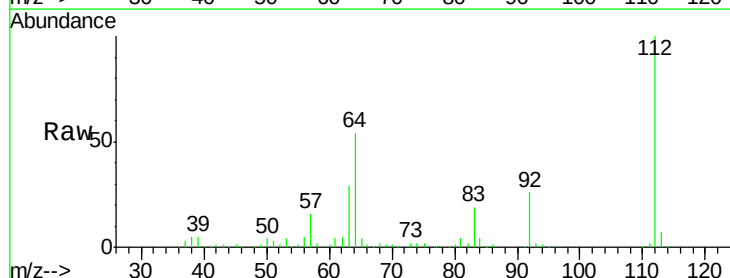
Tgt Ion:112 Resp: 239364

Ion Ratio Lower Upper

112 100

64 53.8 55.0 82.6#

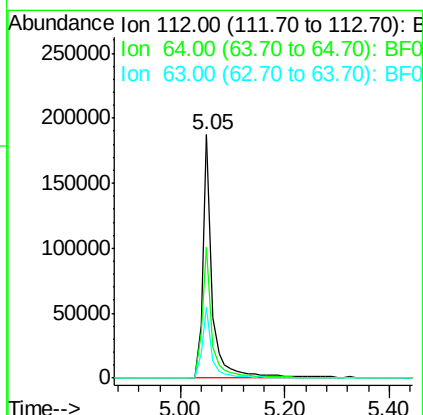
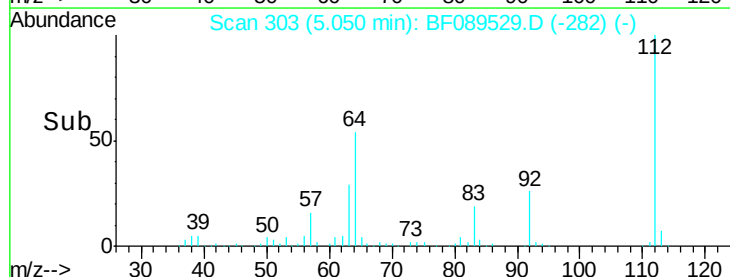
63 29.0 29.4 44.2#

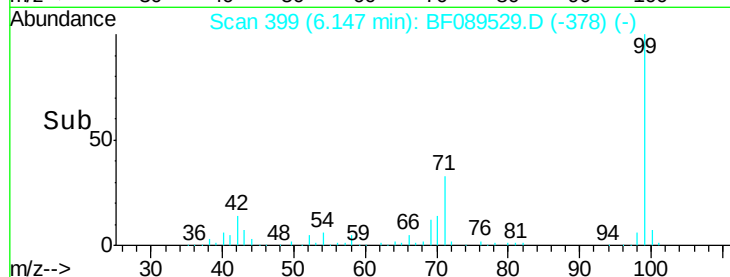
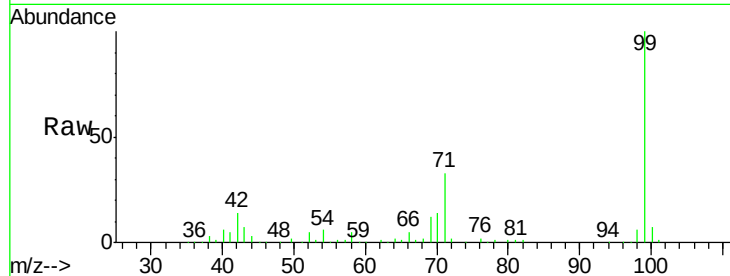
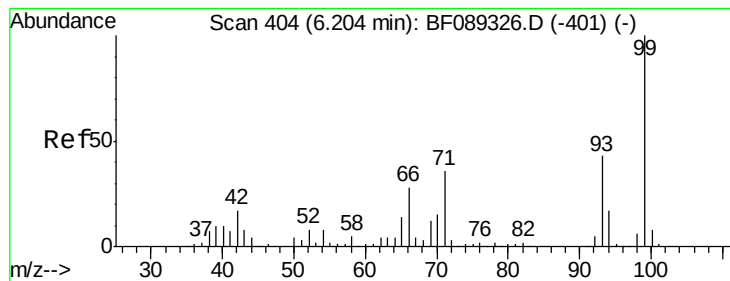


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.65 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

Instrument :

BNA_F

ClientSampleId :

SB-63-6.5-7.5

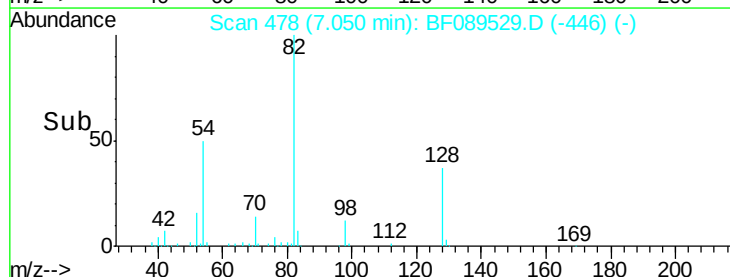
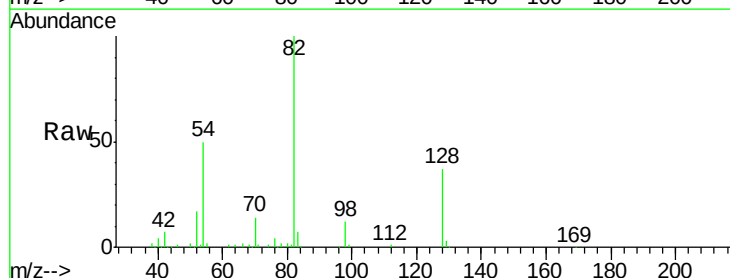
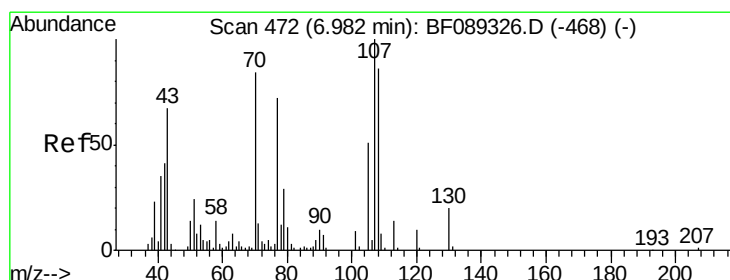
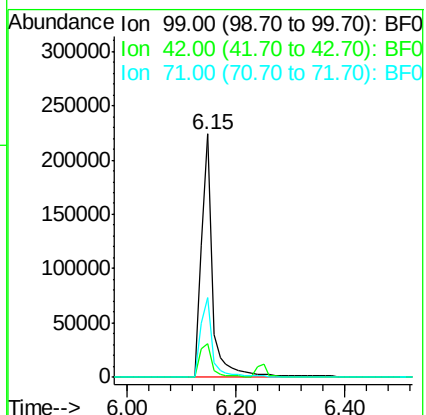
Tgt Ion: 99 Resp: 317057

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

71 32.9 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.97 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

Tgt Ion: 70 Resp: 23921

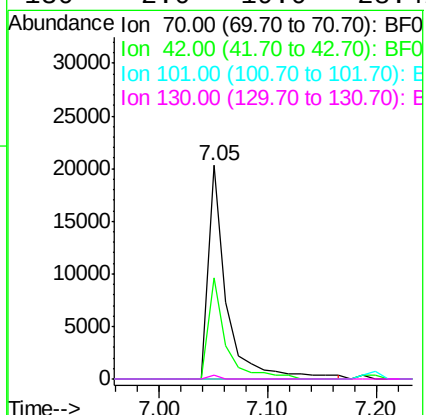
Ion Ratio Lower Upper

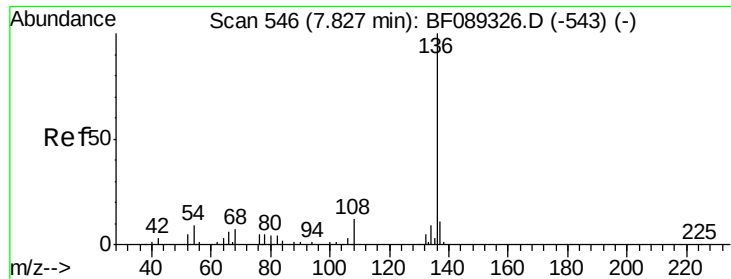
70 100

42 47.2 38.6 57.8

101 0.0 8.3 12.5#

130 2.0 19.0 28.4#

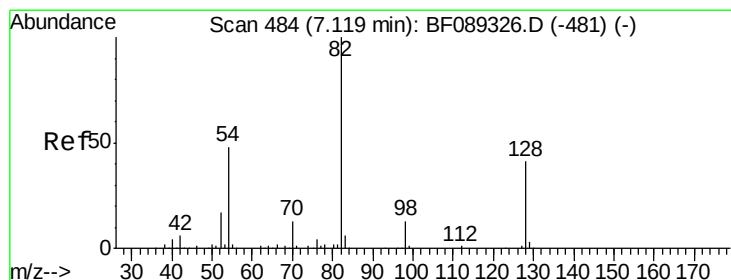
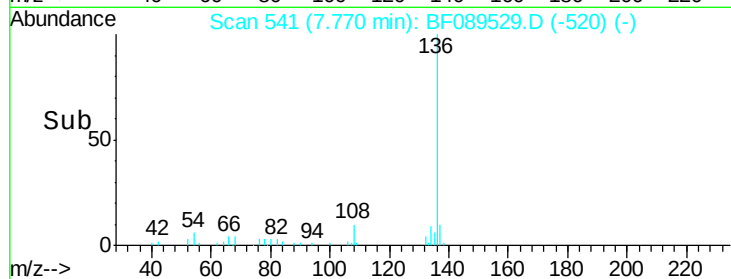
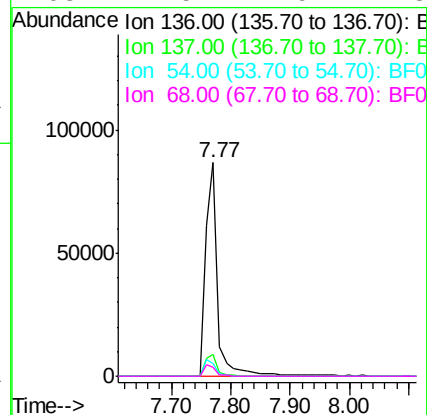
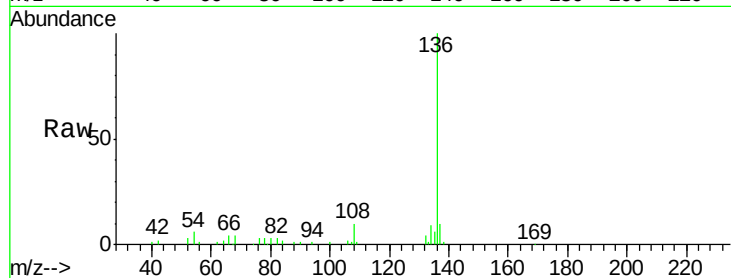




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF089529.D
Acq: 2 Aug 2016 00:26

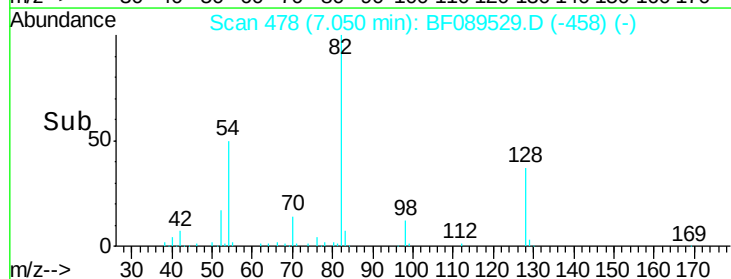
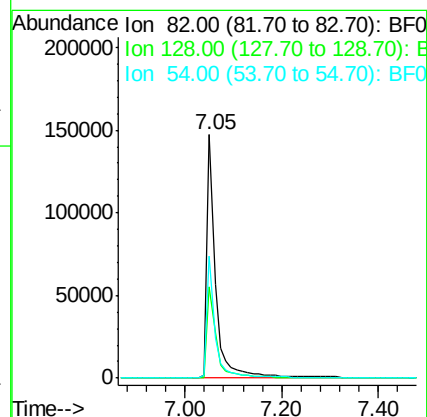
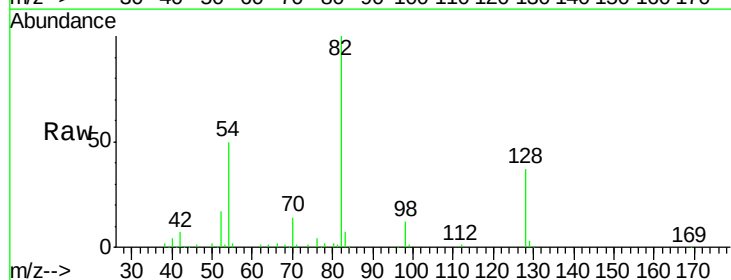
Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

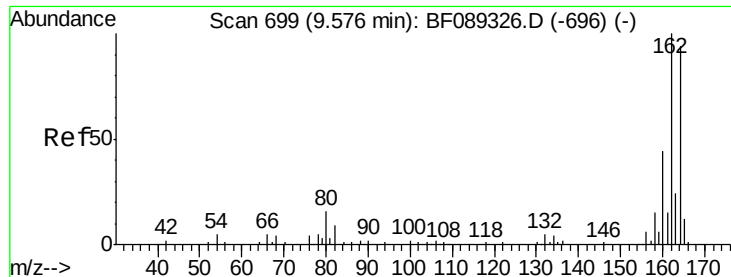
Tgt Ion:	136	Resp:	125326
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.7	7.0	10.4#
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 88.36 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089529.D
Acq: 2 Aug 2016 00:26

Tgt Ion:	82	Resp:	187610
Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.5	48.7
54	49.9	38.8	58.2

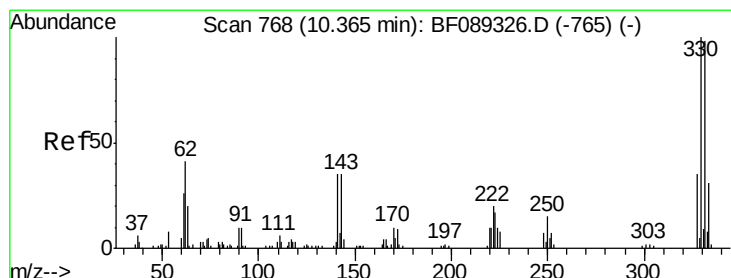
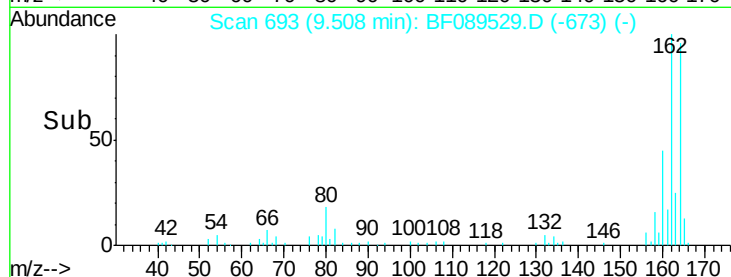
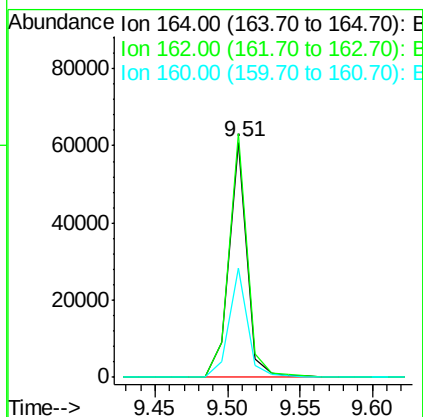
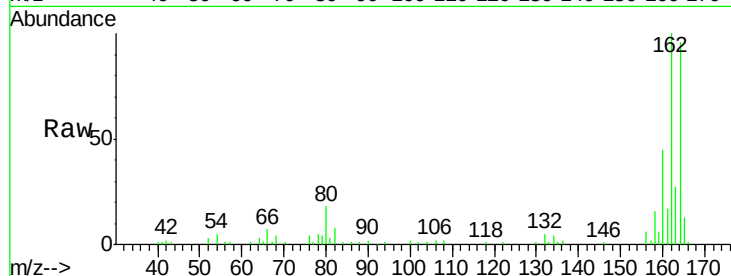




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

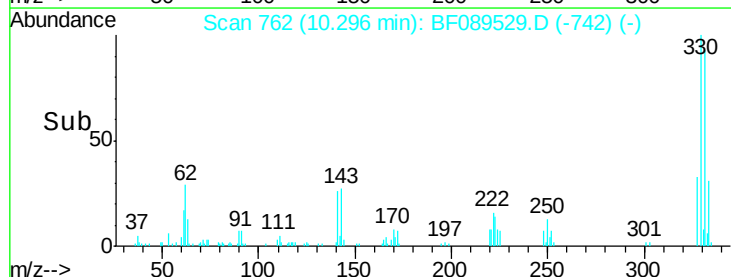
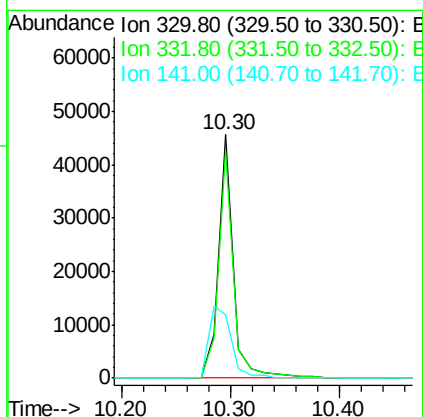
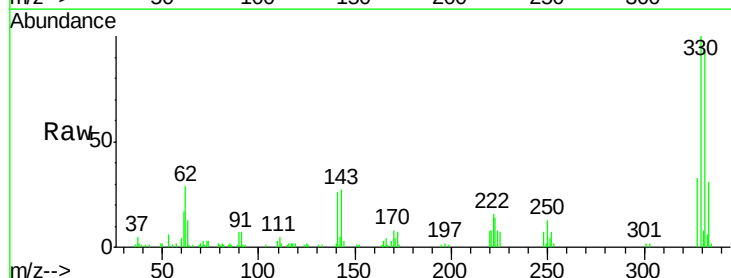
Instrument :
 BNA_F
 ClientSampleId :
 SB-63-6.5-7.5

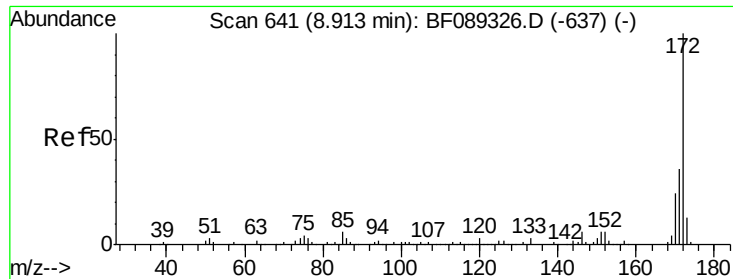
Tgt Ion:164 Resp: 52721
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.7 125.5
 160 46.4 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 100.49 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Tgt Ion:330 Resp: 43880
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.8 115.2
 141 44.3 37.3 55.9

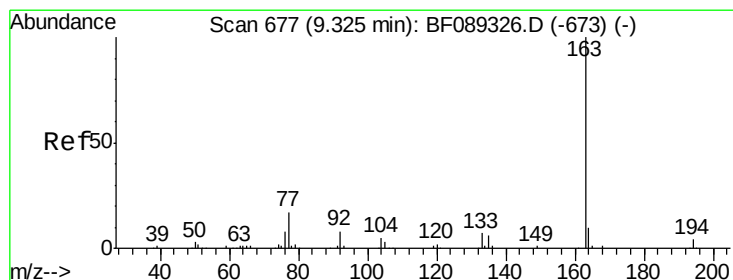
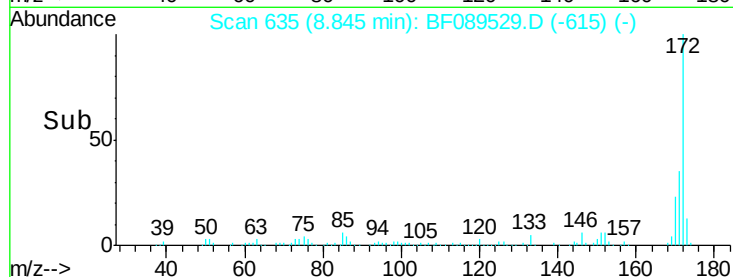
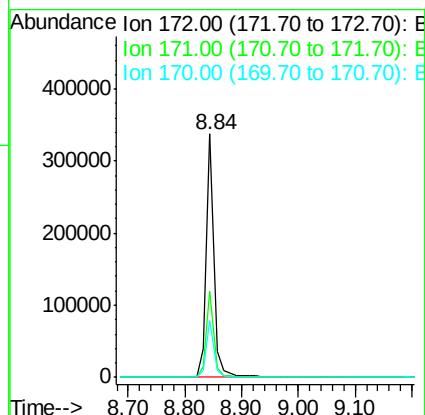
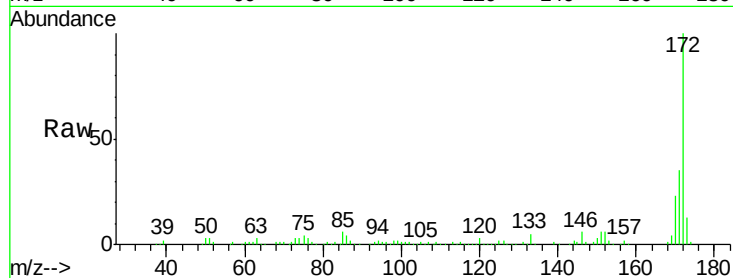




#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

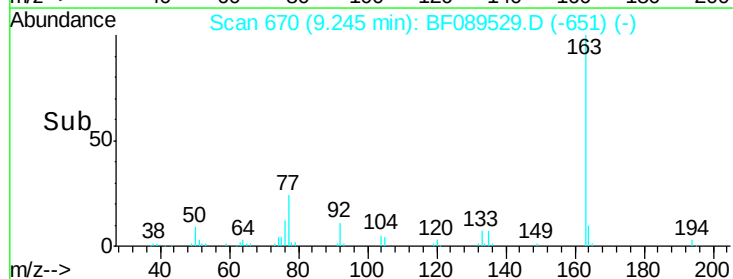
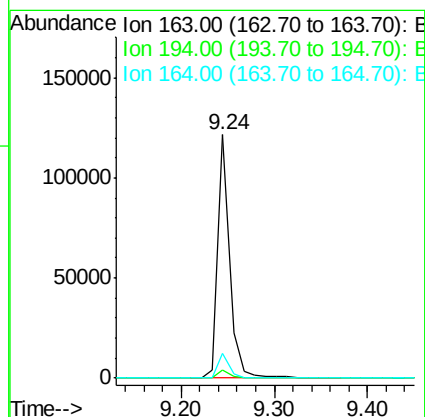
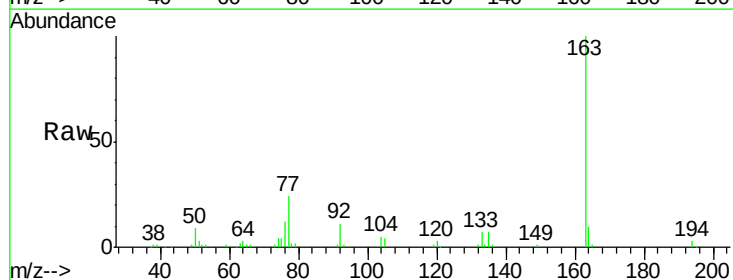
Instrument :
 BNA_F
 ClientSampleId :
 SB-63-6.5-7.5

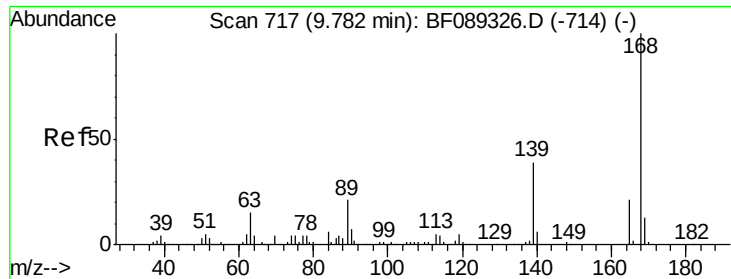
Tgt Ion:172 Resp: 306746
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.3 19.2 28.8



#49
 Dimethylphthalate
 Concen: 26.66 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.08 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Tgt Ion:163 Resp: 106976
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.0 7.8 11.8

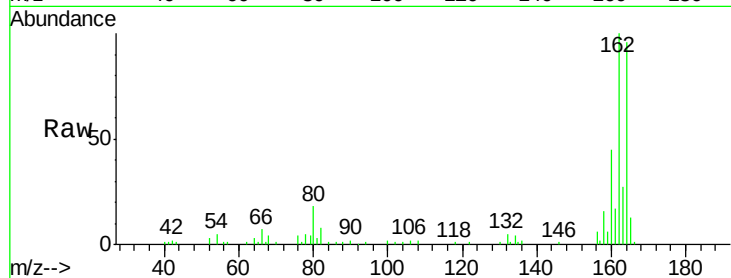




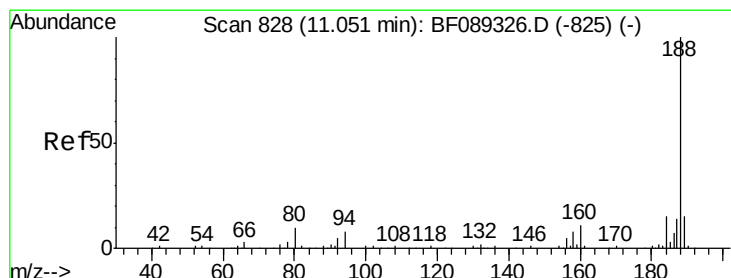
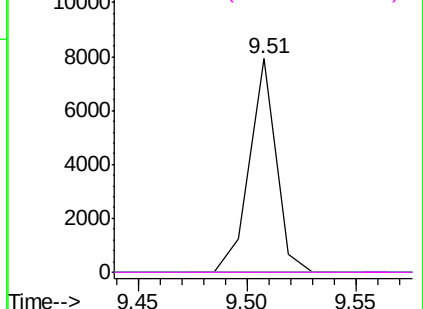
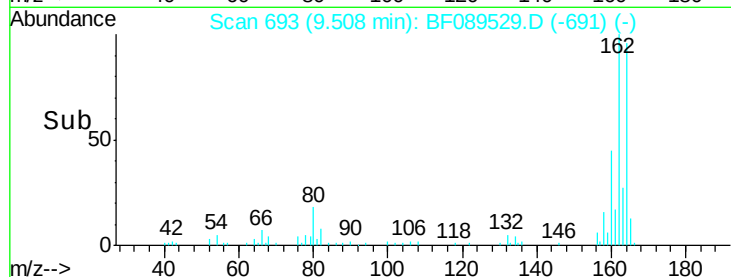
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-63-6.5-7.5

Tgt Ion:165 Resp: 6738
 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#

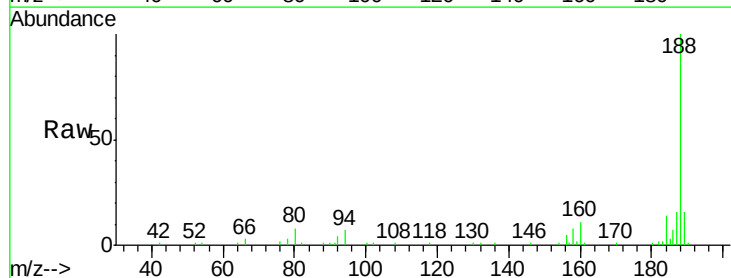


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

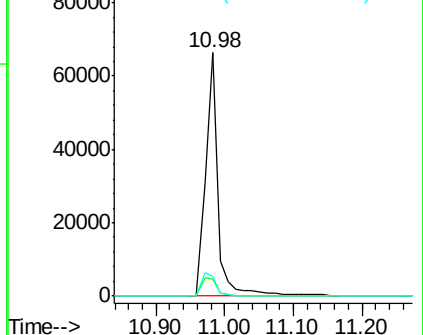
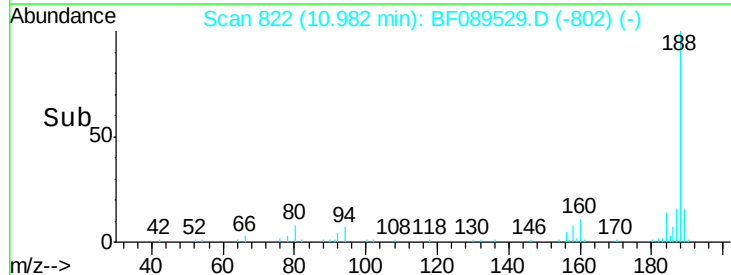


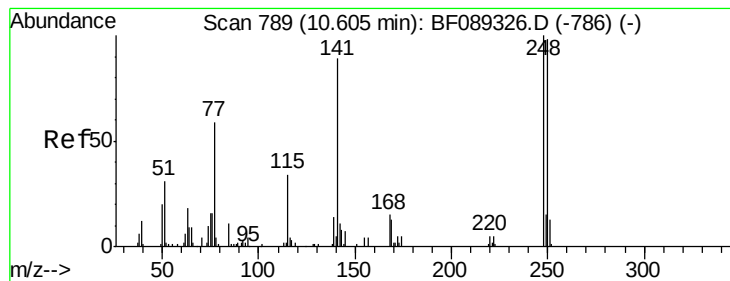
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Tgt Ion:188 Resp: 82436
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.5 9.7
 80 8.1 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: 4.18 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.31 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

Instrument :

BNA_F

ClientSampleId :

SB-63-6.5-7.5

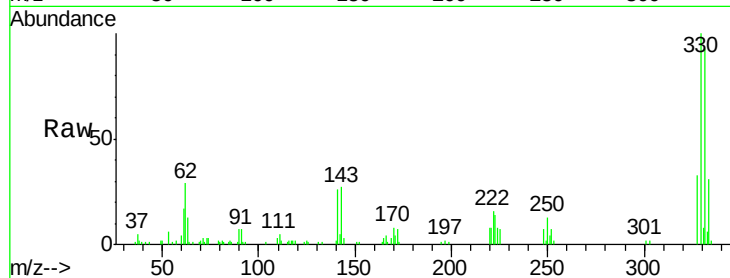
Tgt Ion:248 Resp: 3292

Ion Ratio Lower Upper

248 100

250 185.2 78.2 117.2#

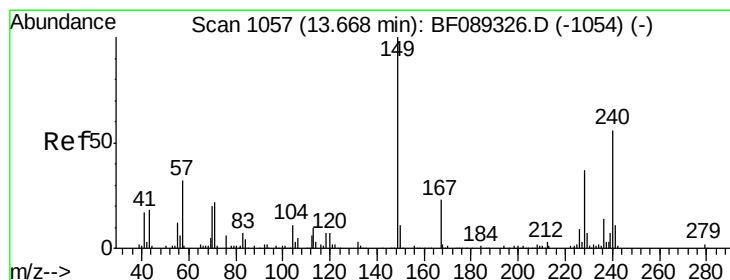
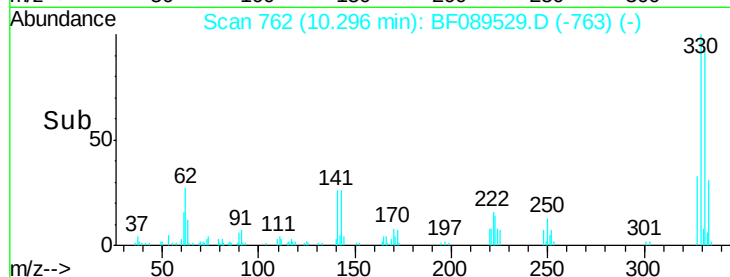
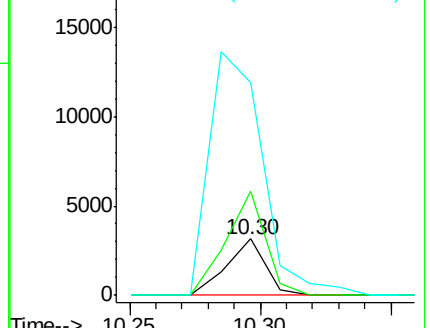
141 378.5 62.0 93.0#



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: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089529.D

Acq: 2 Aug 2016 00:26

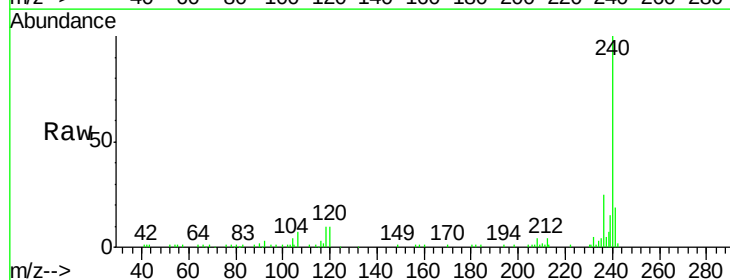
Tgt Ion:240 Resp: 78740

Ion Ratio Lower Upper

240 100

120 9.7 9.1 13.7

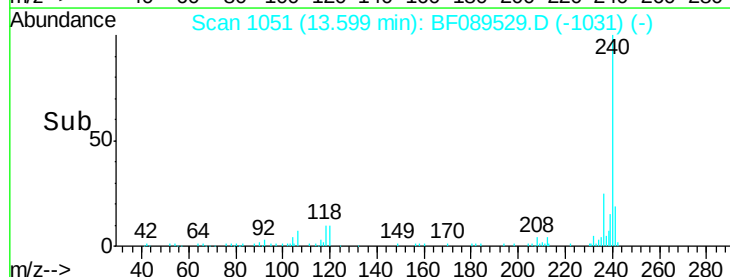
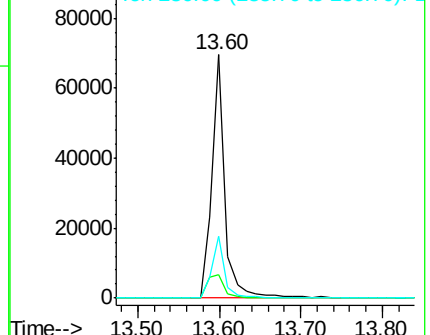
236 25.2 20.6 30.8

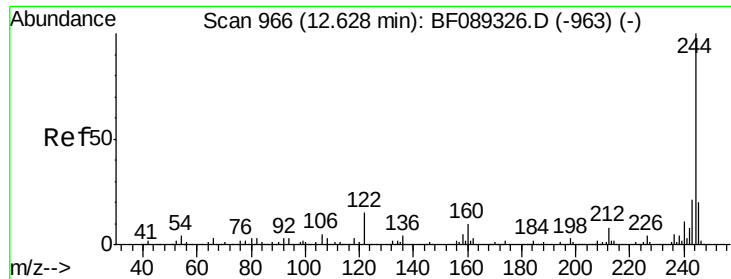


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

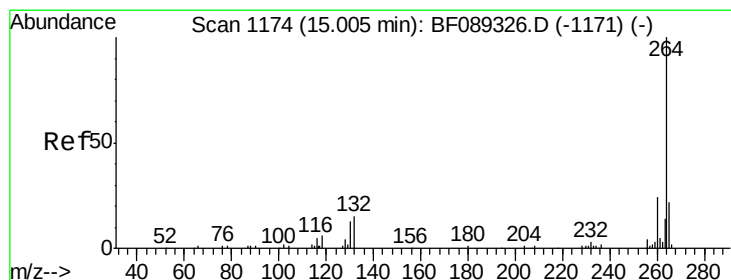
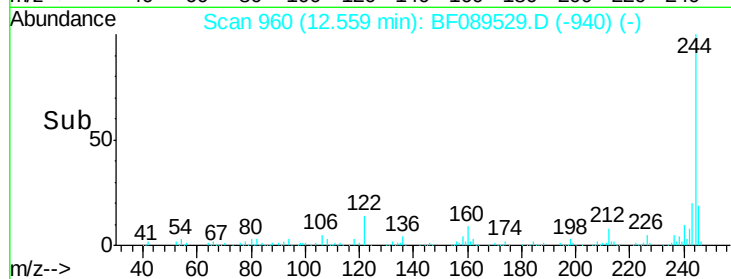
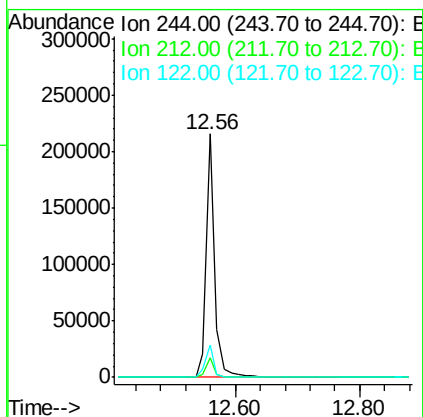
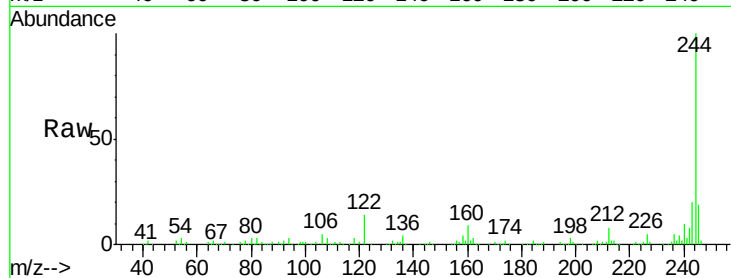




#78
 Terphenyl-d14
 Concen: 60.97 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-63-6.5-7.5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	13.6	11.4	17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089529.D
 Acq: 2 Aug 2016 00:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.6	17.5	26.3

