

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089553.D
 Acq On : 2 Aug 2016 18:11
 Operator : UM/SJ
 Sample : H4269-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-19.0-20.0

Quant Time: Aug 03 01:07:04 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

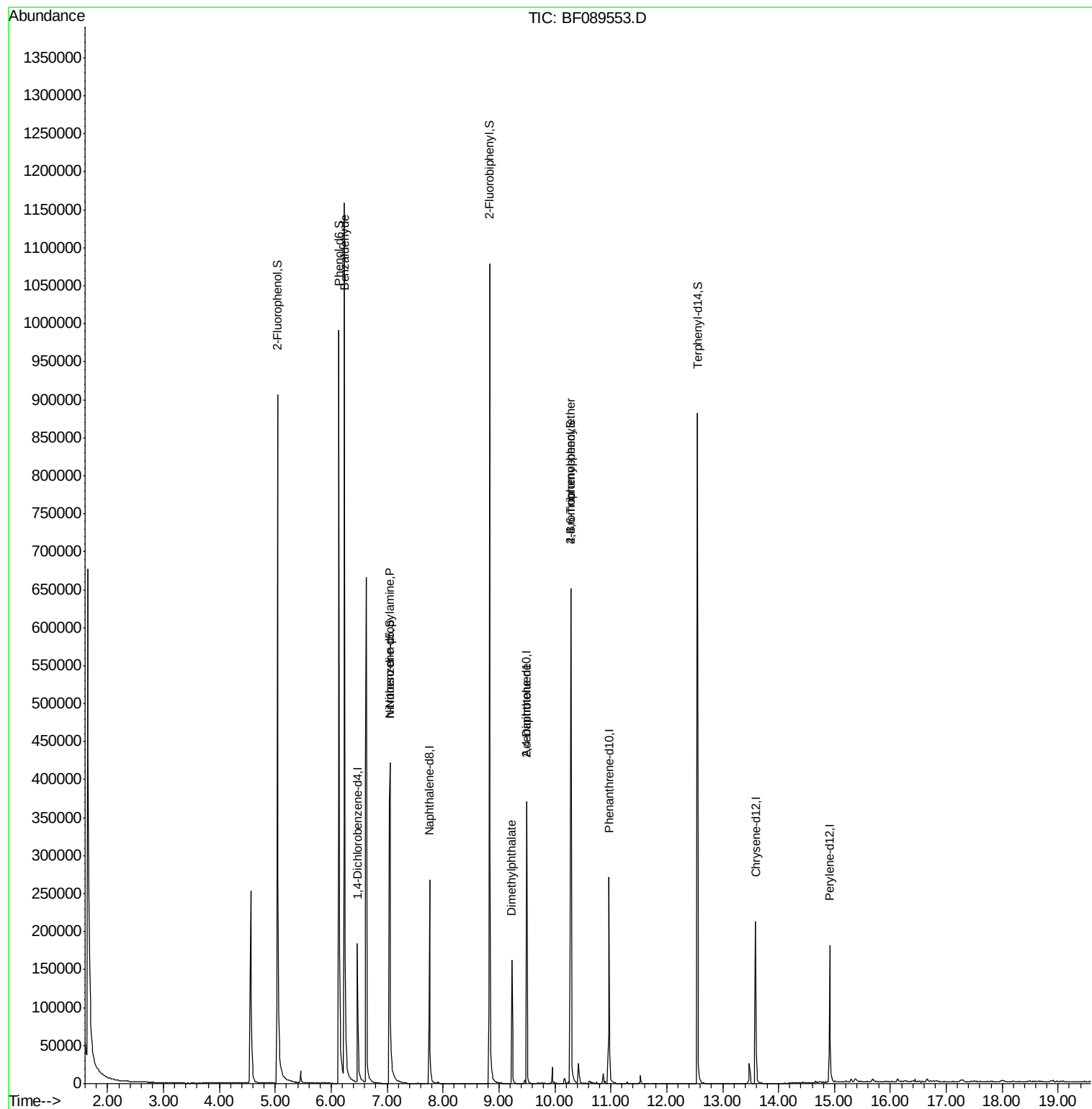
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	40072	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	155319	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	71291	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	120345	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	86027	20.00	ng	-0.08
86) Perylene-d12	14.91	264	76384	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	317319	126.44	ng	-0.07
7) Phenol-d6	6.14	99	452674	136.49	ng	-0.07
23) Nitrobenzene-d5	7.05	82	264155	100.39	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	71632	121.32	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	377084	77.63	ng	-0.08
78) Terphenyl-d14	12.55	244	280457	76.30	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.24	77	8241	5.09	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.05	70	32852	16.43	ng	# 78
49) Dimethylphthalate	9.23	163	77568	14.30	ng	98
56) 2,4-Dinitrotoluene	9.50	165	8903	6.07	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5480	4.77	ng	# 1

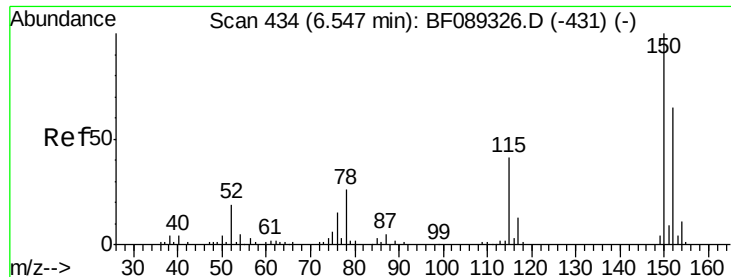
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089553.D

Acq: 2 Aug 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB-53-19.0-20.0

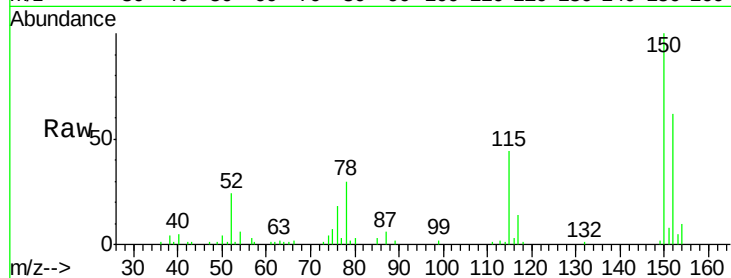
Tgt Ion:152 Resp: 40072

Ion Ratio Lower Upper

152 100

150 161.9 129.5 194.3

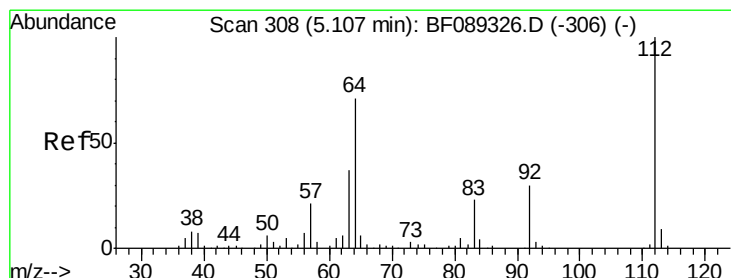
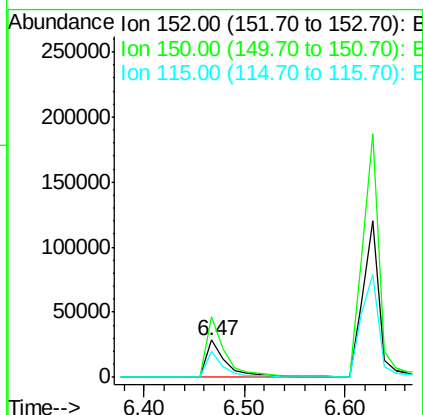
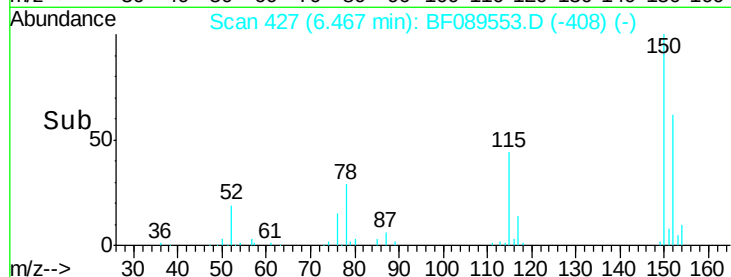
115 70.8 51.4 77.2



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: 126.44 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

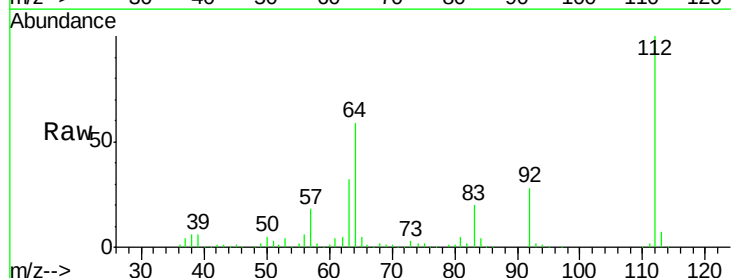
Tgt Ion:112 Resp: 317319

Ion Ratio Lower Upper

112 100

64 59.2 55.0 82.6

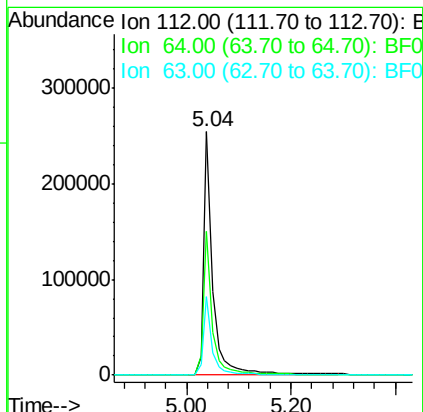
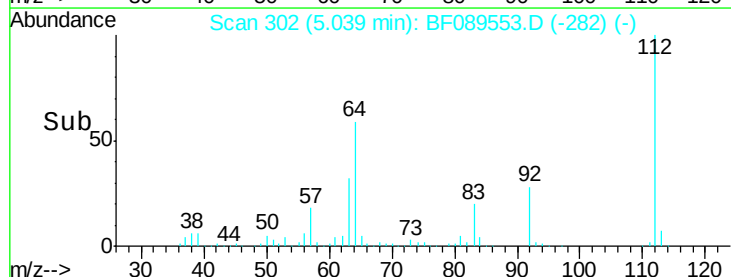
63 32.3 29.4 44.2

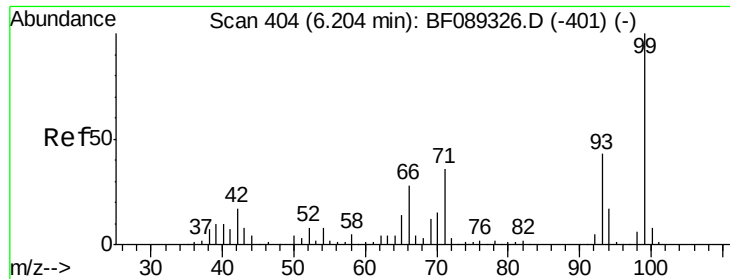


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.49 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB-53-19.0-20.0

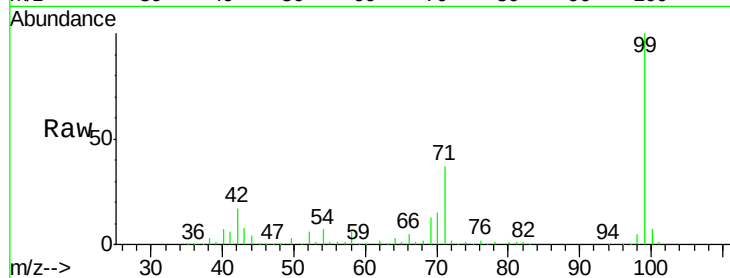
Tgt Ion: 99 Resp: 452674

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

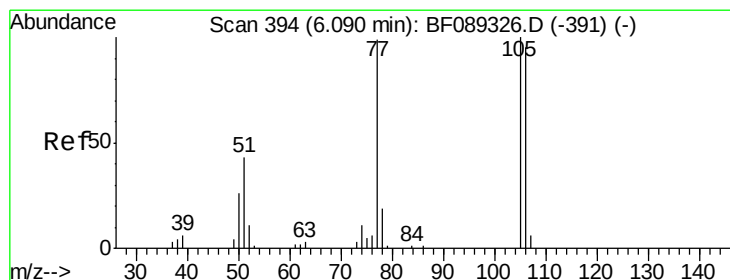
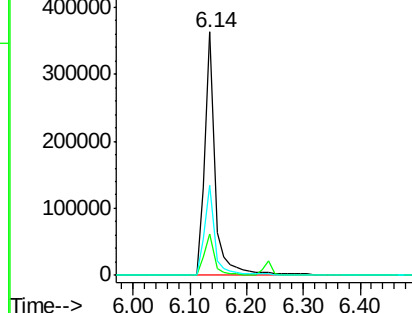
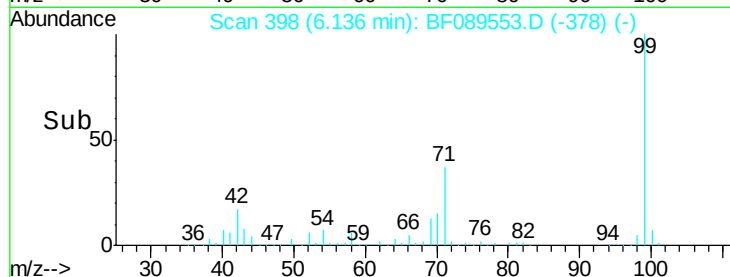
71 37.0 29.4 44.2



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



#9

Benzaldehyde

Concen: 5.09 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

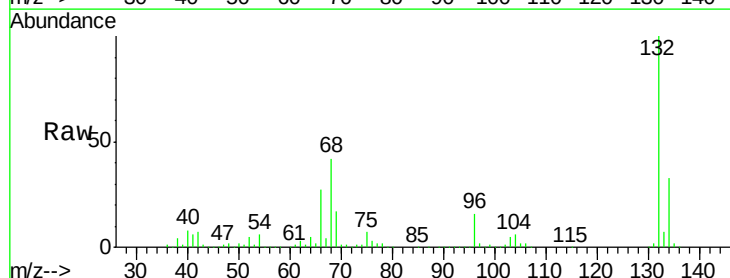
Tgt Ion: 77 Resp: 8241

Ion Ratio Lower Upper

77 100

105 83.2 82.9 122.9

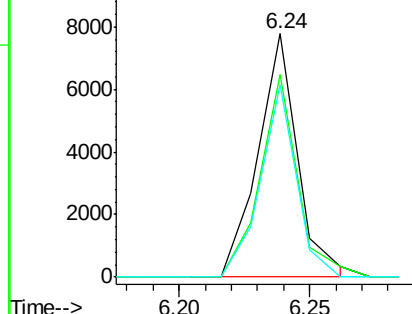
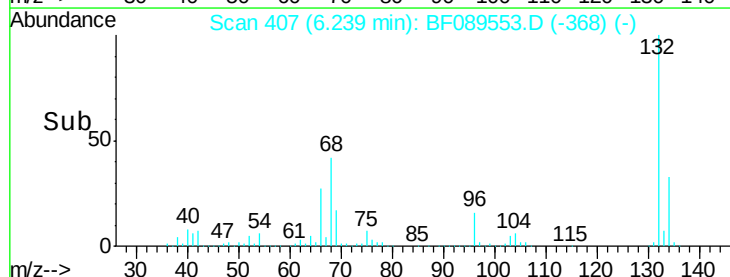
106 79.1 75.9 115.9

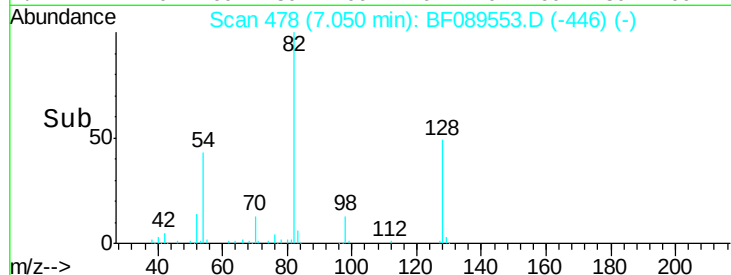
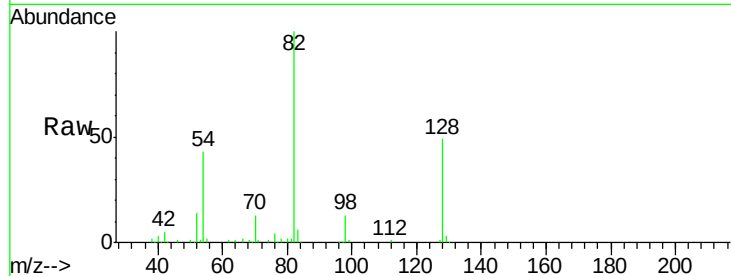
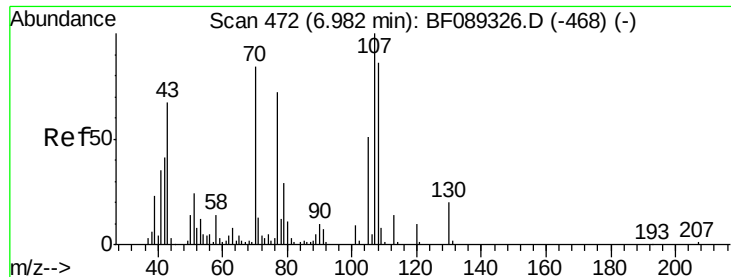


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

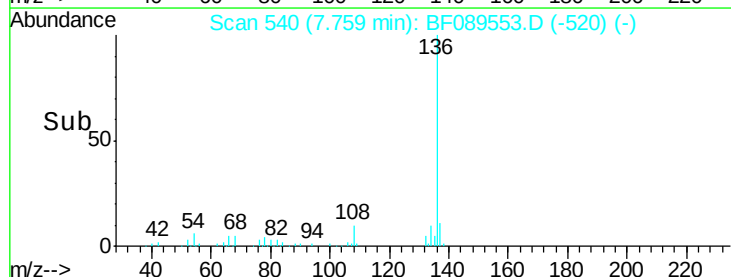
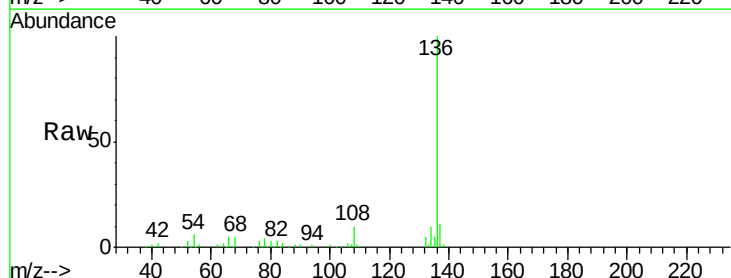
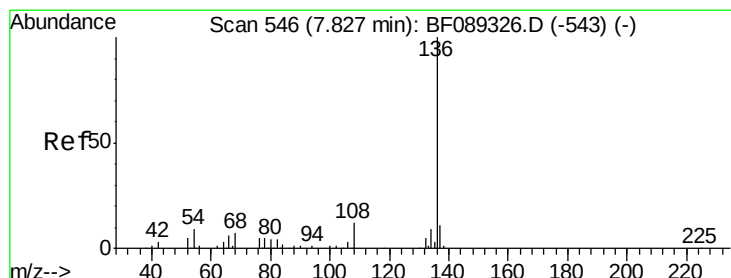
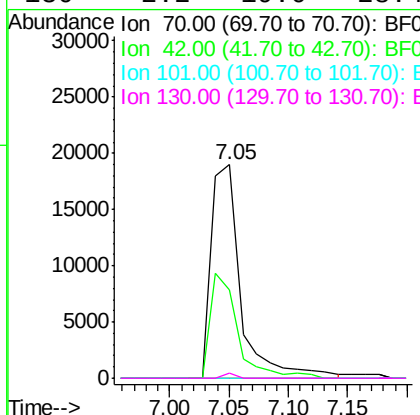




#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089553.D
Acq: 2 Aug 2016 18:11

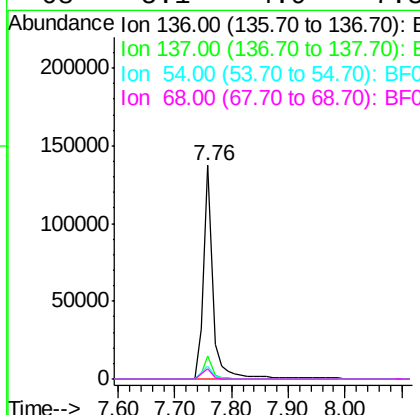
Instrument :
BNA_F
ClientSampleId :
SB-53-19.0-20.0

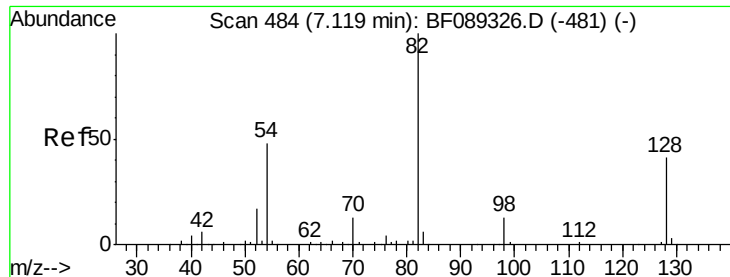
Tgt Ion: 70 Resp: 32852
Ion Ratio Lower Upper
70 100
42 41.3 38.6 57.8
101 0.0 8.3 12.5#
130 2.2 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089553.D
Acq: 2 Aug 2016 18:11

Tgt Ion: 136 Resp: 155319
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.1 7.0 10.4#
68 5.1 4.9 7.3

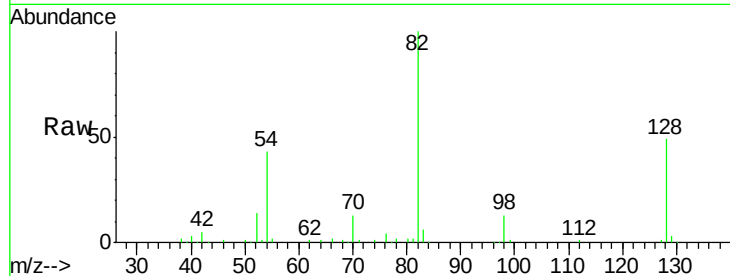




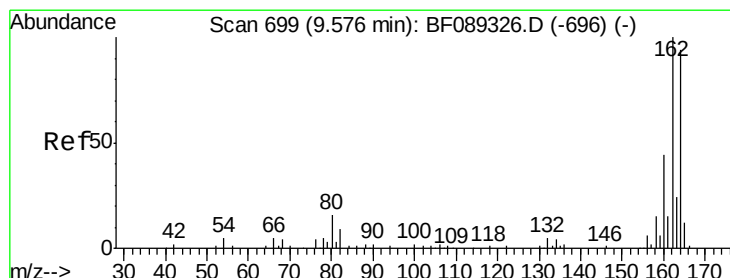
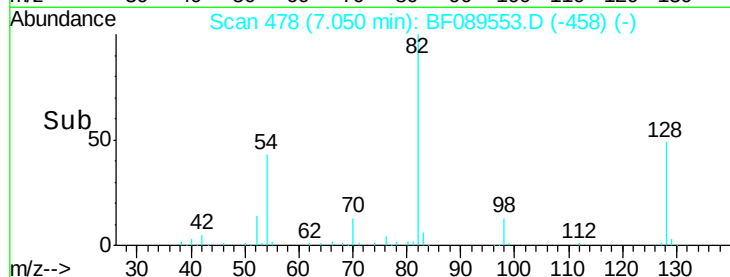
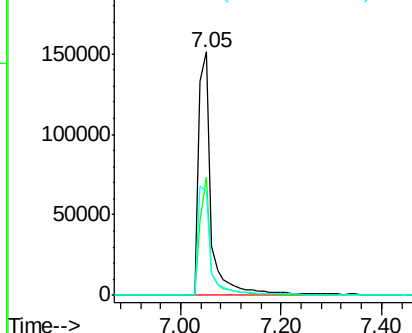
#23
 Nitrobenzene-d5
 Concen: 100.39 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089553.D
 Acq: 2 Aug 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-19.0-20.0

Tgt Ion: 82 Resp: 264155
 Ion Ratio Lower Upper
 82 100
 128 48.7 32.5 48.7#
 54 42.6 38.8 58.2

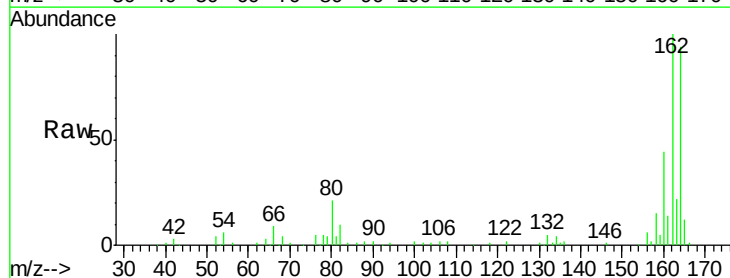


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

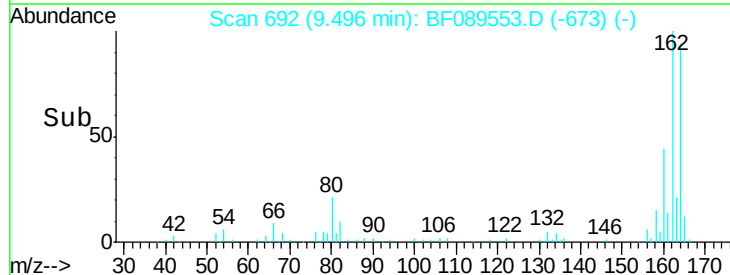
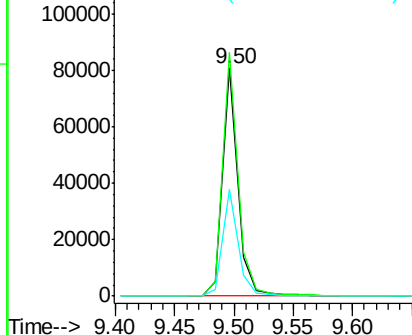


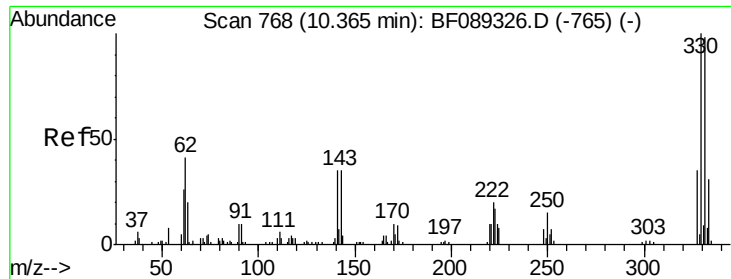
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089553.D
 Acq: 2 Aug 2016 18:11

Tgt Ion: 164 Resp: 71291
 Ion Ratio Lower Upper
 164 100
 162 106.9 83.7 125.5
 160 47.0 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

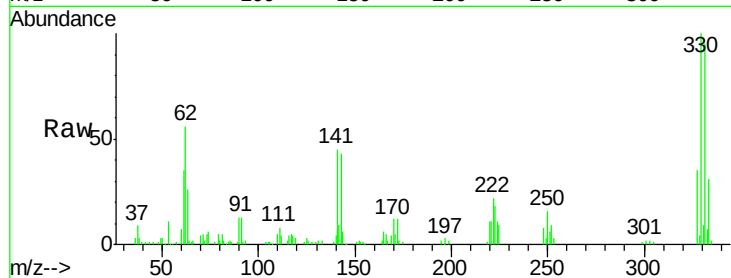




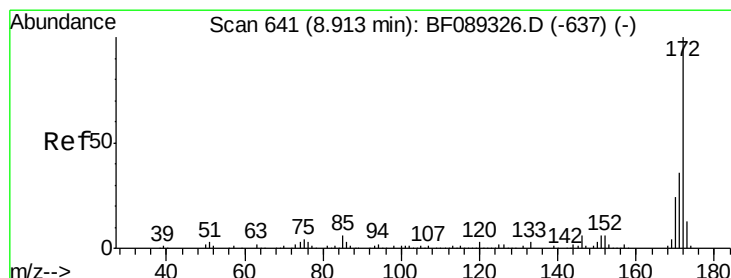
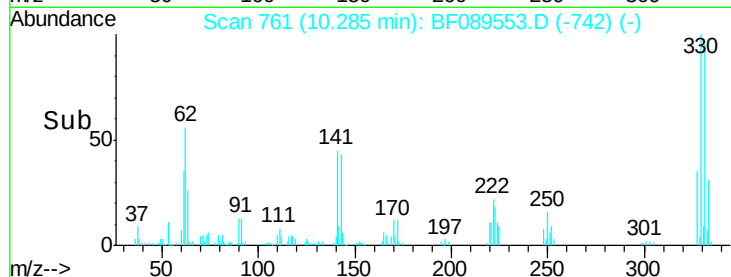
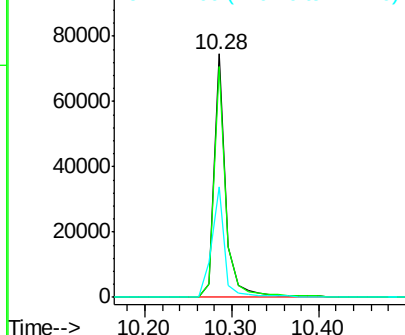
#41
 2,4,6-Tribromophenol
 Concen: 121.32 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089553.D
 Acq: 2 Aug 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-19.0-20.0

Tgt Ion:330 Resp: 71632
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 50.0 37.3 55.9

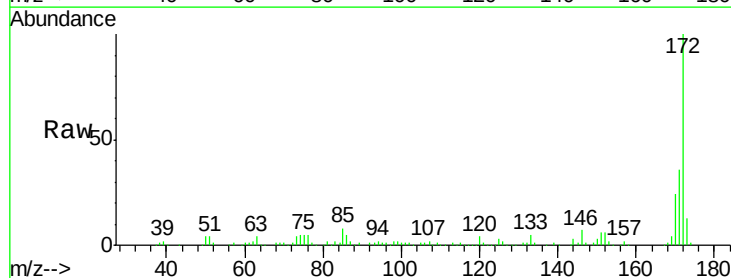


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

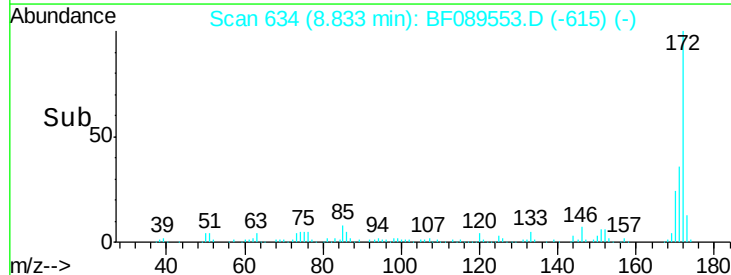
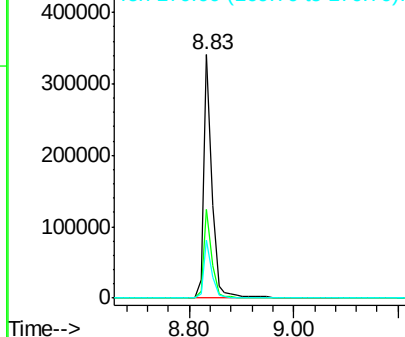


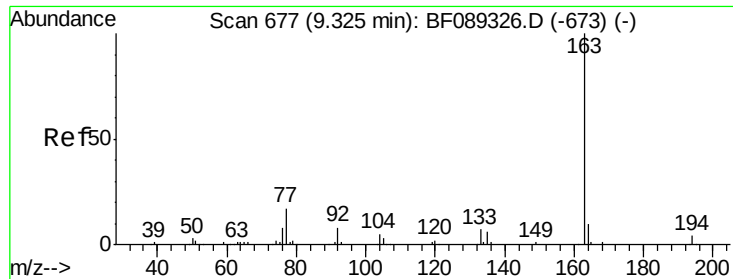
#44
 2-Fluorobiphenyl
 Concen: 77.63 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089553.D
 Acq: 2 Aug 2016 18:11

Tgt Ion:172 Resp: 377084
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 23.6 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

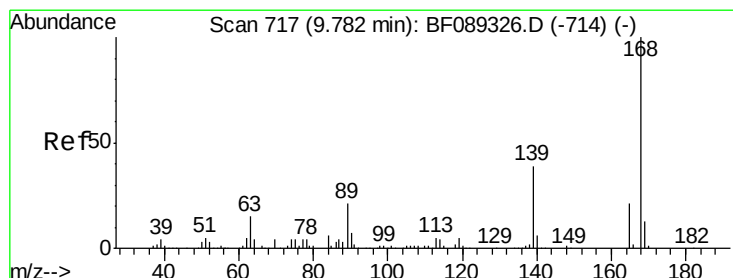
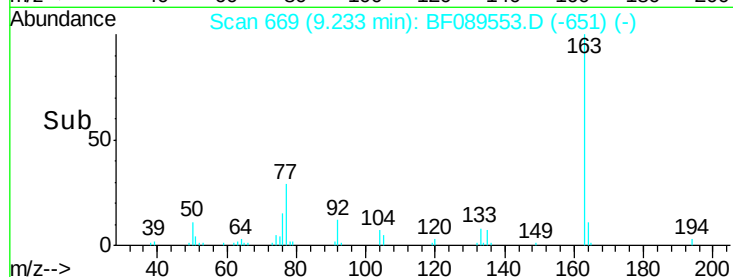
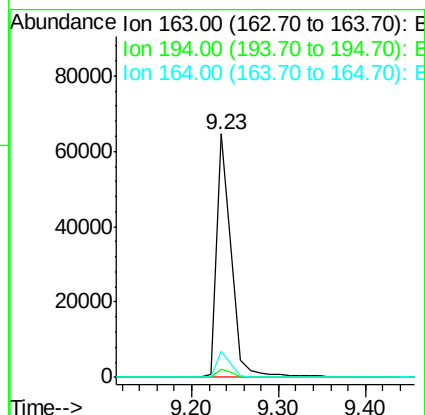
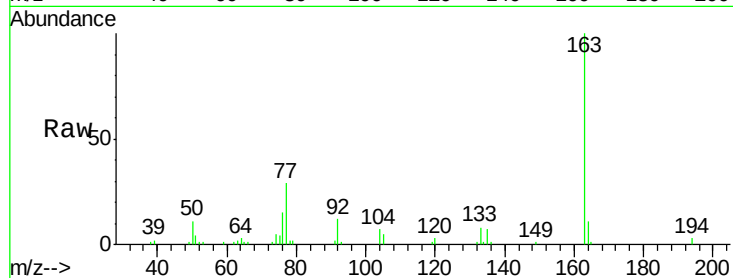




#49
Dimethylphthalate
Concen: 14.30 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.09 min
Lab File: BF089553.D
Acq: 2 Aug 2016 18:11

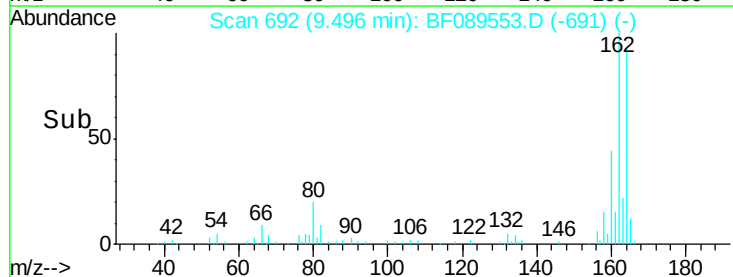
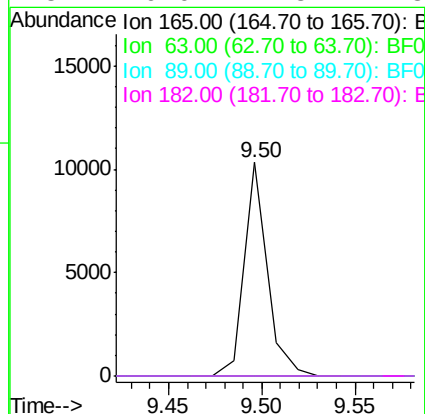
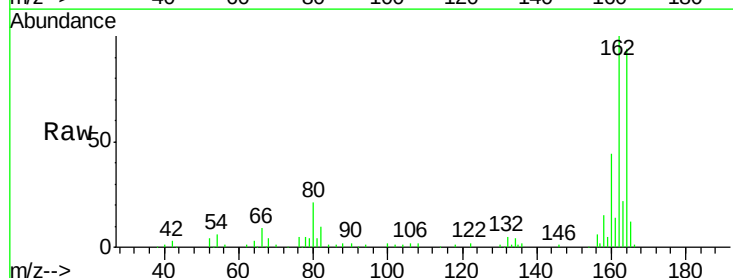
Instrument :
BNA_F
ClientSampleId :
SB-53-19.0-20.0

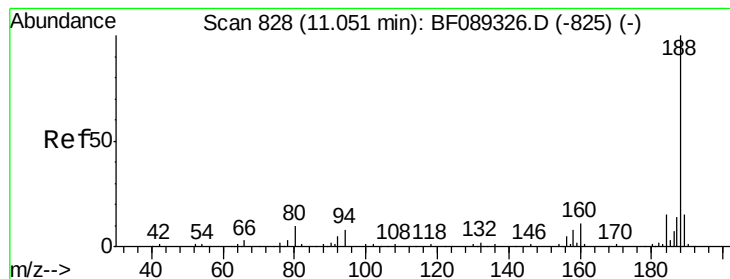
Tgt Ion:163 Resp: 77568
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.7 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.29 min
Lab File: BF089553.D
Acq: 2 Aug 2016 18:11

Tgt Ion:165 Resp: 8903
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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.08 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB-53-19.0-20.0

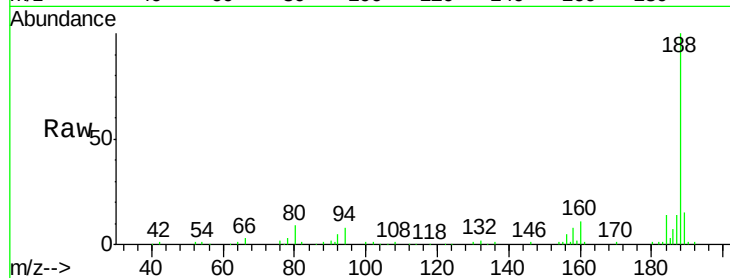
Tgt Ion:188 Resp: 120345

Ion Ratio Lower Upper

188 100

94 8.1 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

150000

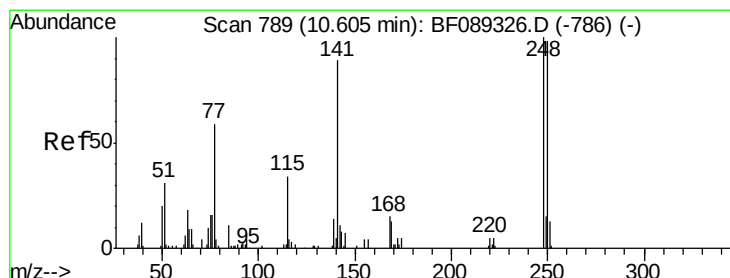
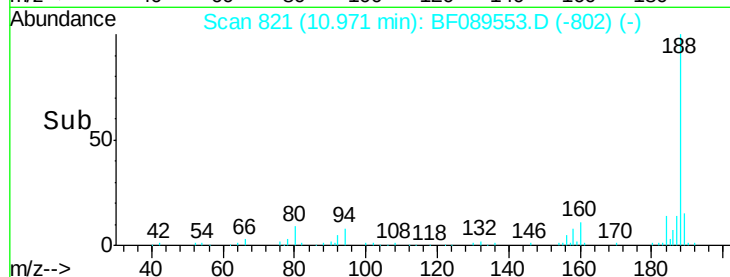
100000

50000

0

10.90 11.00 11.10 11.20

Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.77 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.32 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

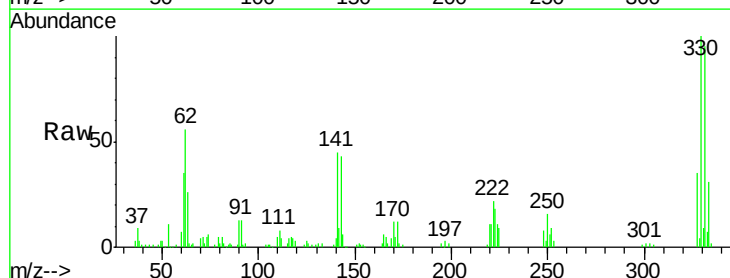
Tgt Ion:248 Resp: 5480

Ion Ratio Lower Upper

248 100

250 194.6 78.2 117.2#

141 538.7 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

40000

30000

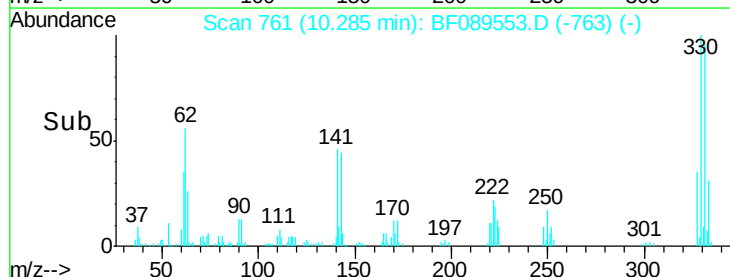
20000

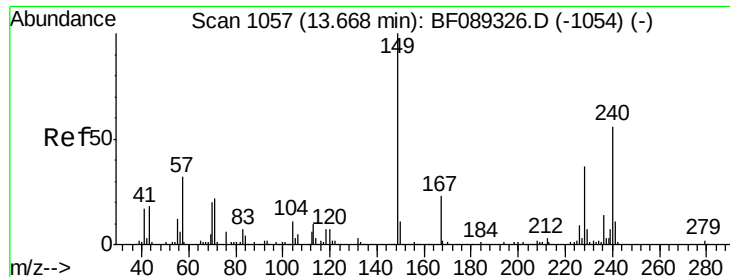
10000

0

10.25 10.30

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB-53-19.0-20.0

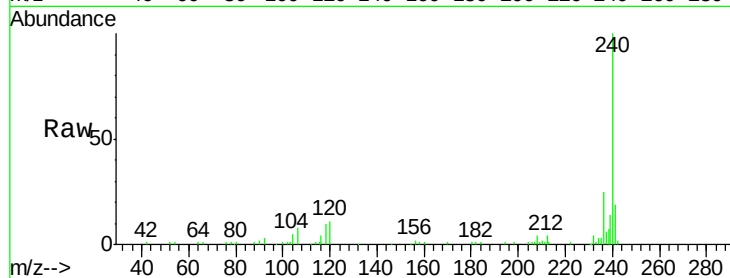
Tgt Ion:240 Resp: 86027

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

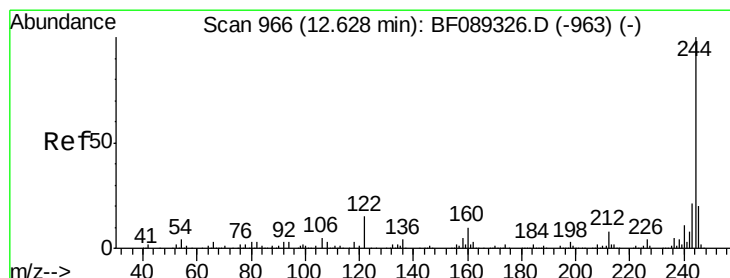
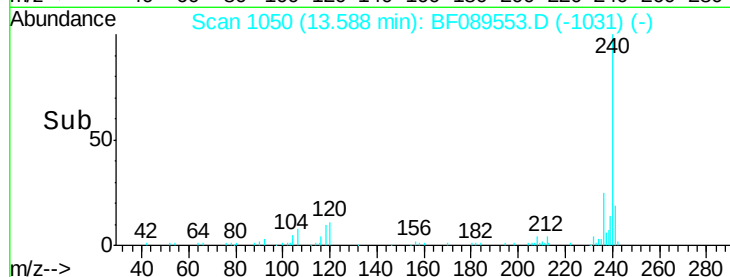
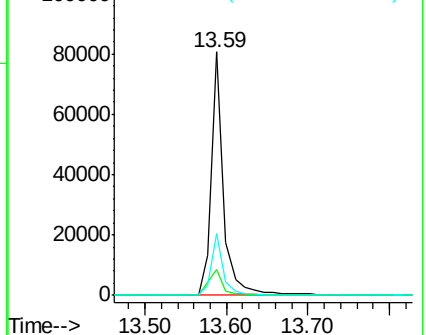
236 25.4 20.6 30.8



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: 76.30 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.08 min

Lab File: BF089553.D

Acq: 2 Aug 2016 18:11

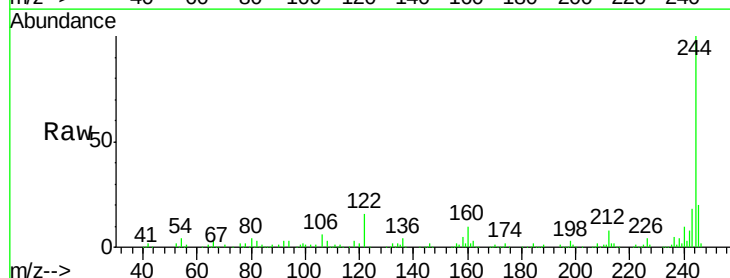
Tgt Ion:244 Resp: 280457

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

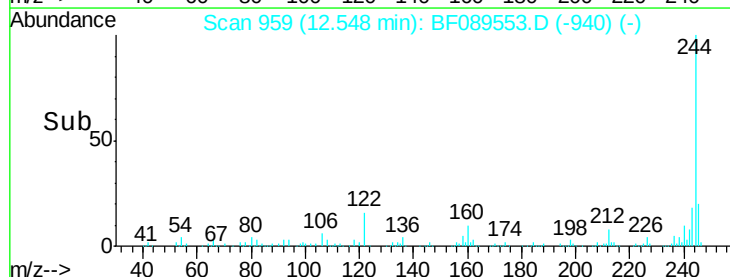
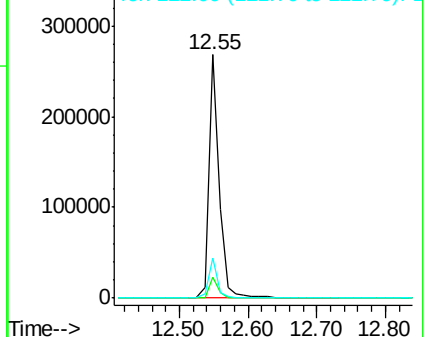
122 16.3 11.4 17.0

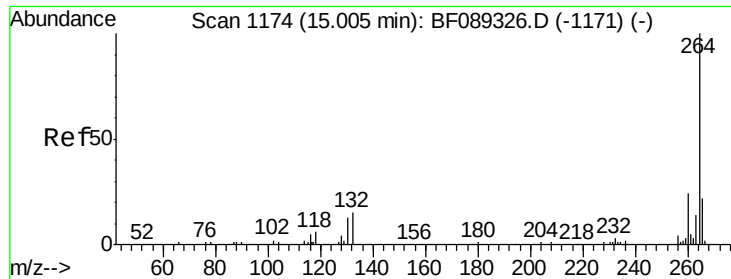


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

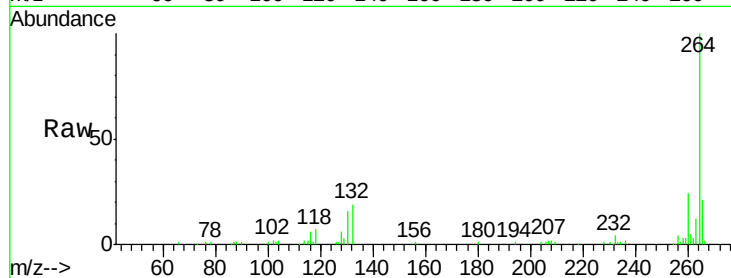




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089553.D
Acq: 2 Aug 2016 18:11

Instrument :
BNA_F
ClientSampleId :
SB-53-19.0-20.0

Tgt Ion: 264 Resp: 76384
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 20.6 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

