

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089551.D
 Acq On : 2 Aug 2016 17:11
 Operator : UM/SJ
 Sample : H4269-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0

Quant Time: Aug 03 01:06:39 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

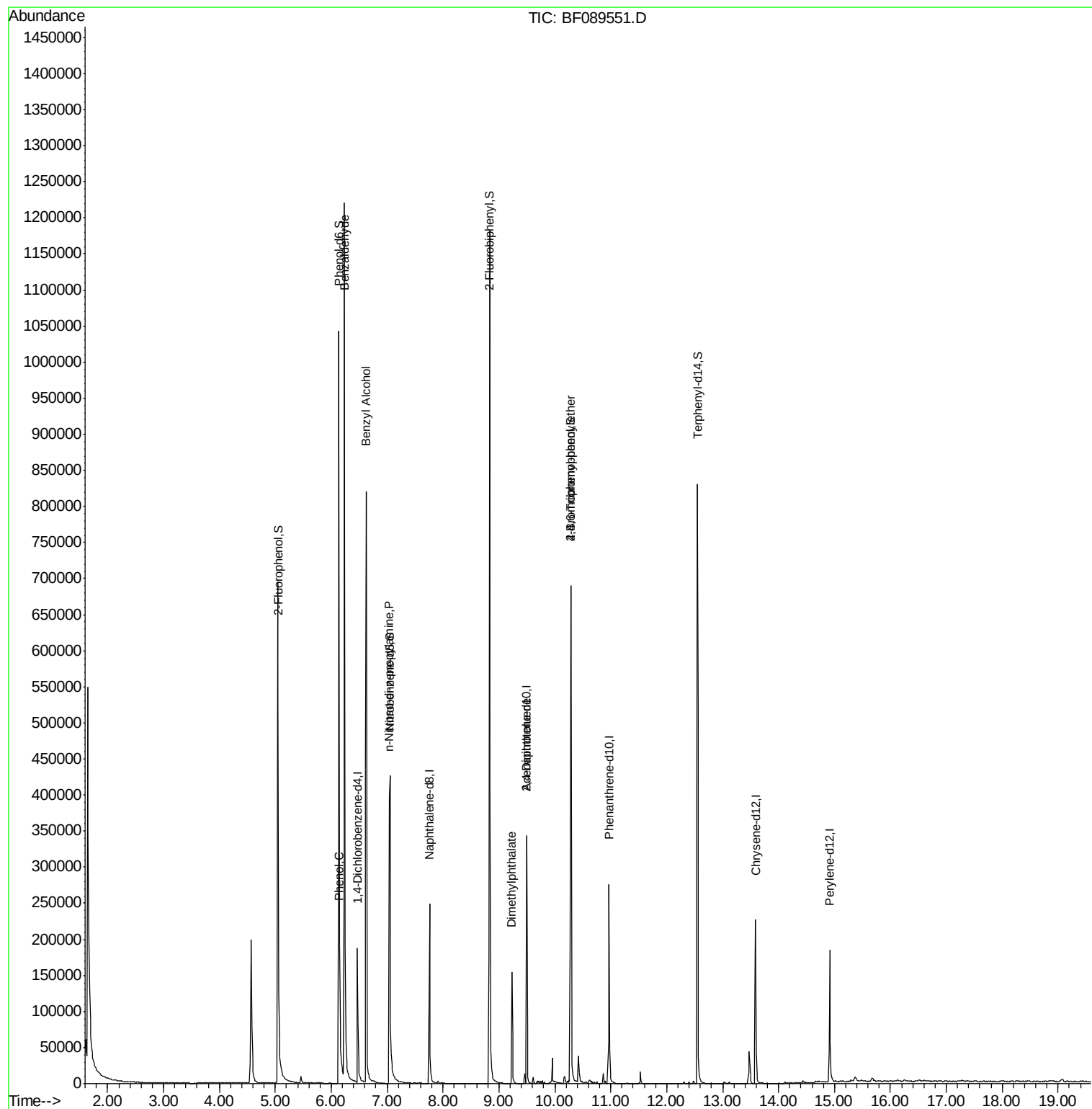
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	40126	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	156395	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	70324	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	122192	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	90428	20.00	ng	-0.08
86) Perylene-d12	14.91	264	77163	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	335929	133.68	ng	-0.06
7) Phenol-d6	6.14	99	454793	136.94	ng	-0.07
23) Nitrobenzene-d5	7.05	82	271279	102.38	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	74126	127.27	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	449560	93.82	ng	-0.08
78) Terphenyl-d14	12.55	244	335123	86.74	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	8599	5.30	ng	81
10) Phenol	6.15	94	7726	2.11	ng	# 63
15) Benzyl Alcohol	6.63	79	4244	2.06	ng	# 47
19) n-Nitroso-di-n-propylamine	7.04	70	34088	17.02	ng	# 84
49) Dimethylphthalate	9.23	163	74394	13.90	ng	98
56) 2,4-Dinitrotoluene	9.50	165	8748	6.04	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5641	4.84	ng	# 1

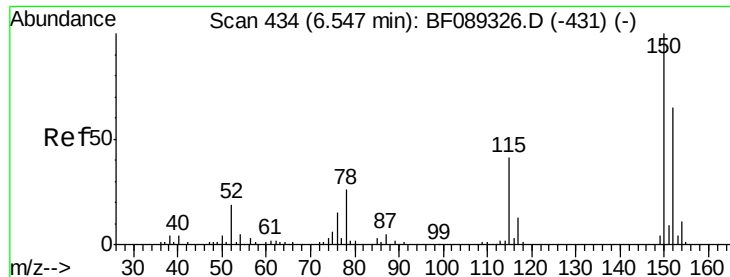
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

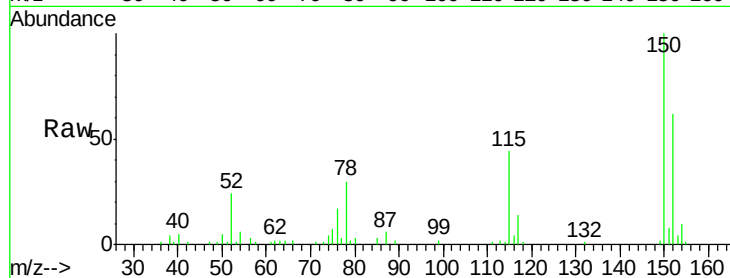
Tgt Ion:152 Resp: 40126

Ion Ratio Lower Upper

152 100

150 161.6 129.5 194.3

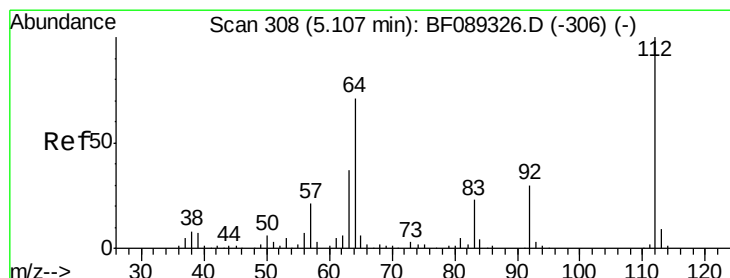
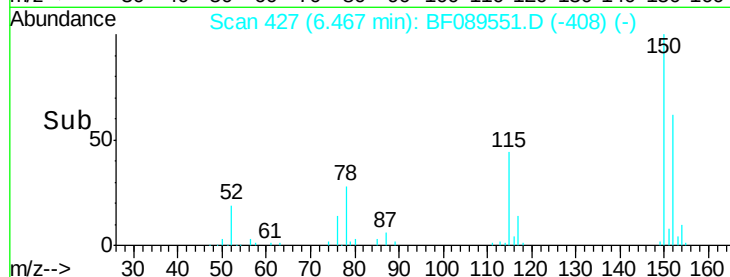
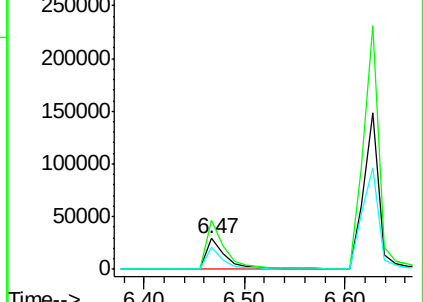
115 70.6 51.4 77.2



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: 133.68 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

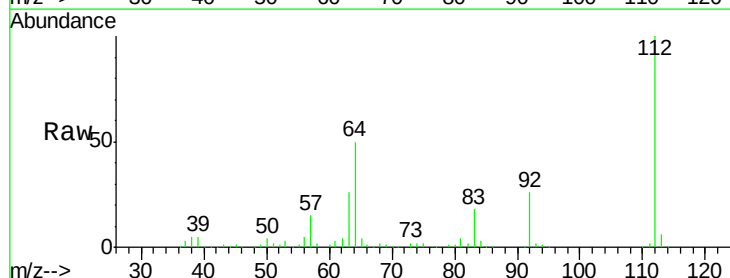
Tgt Ion:112 Resp: 335929

Ion Ratio Lower Upper

112 100

64 49.7 55.0 82.6#

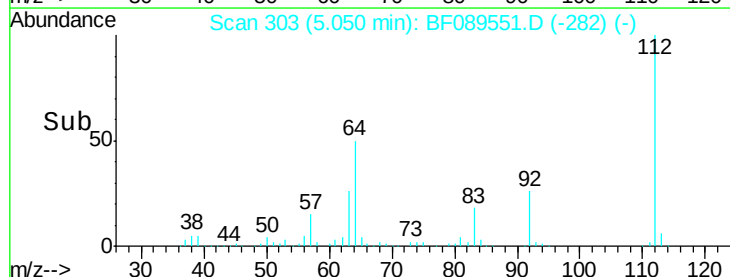
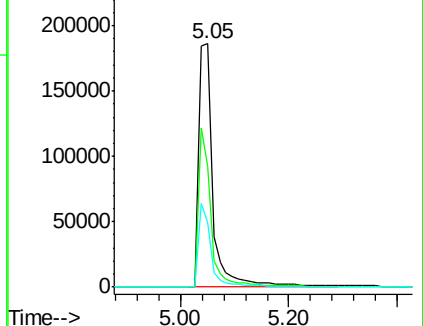
63 26.4 29.4 44.2#

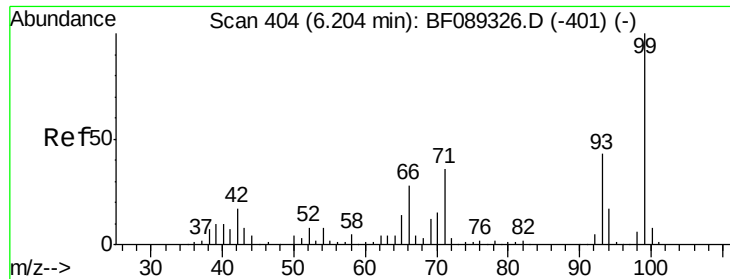


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.94 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

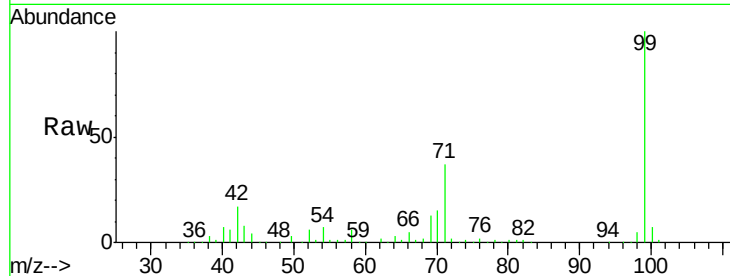
Tgt Ion: 99 Resp: 454793

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

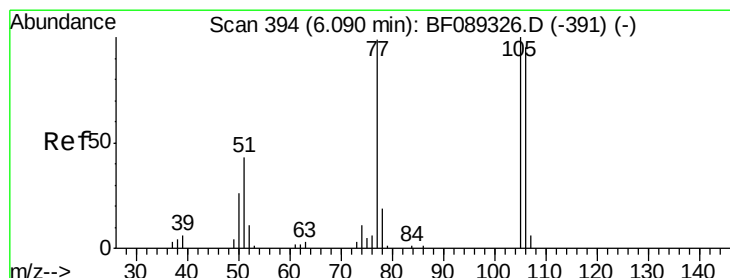
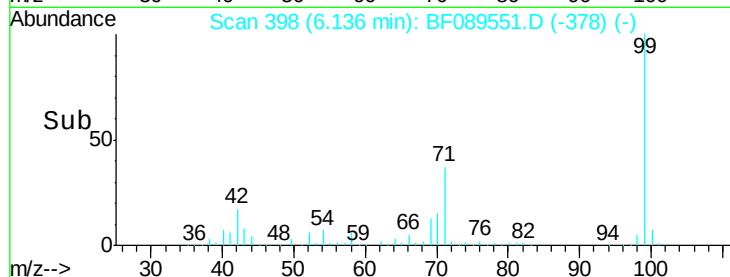
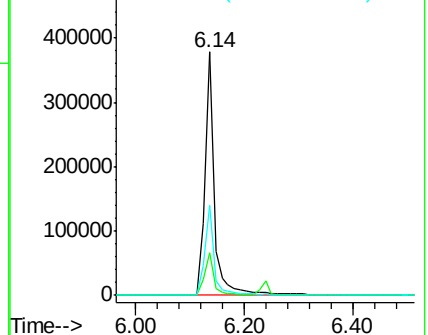
71 37.1 29.4 44.2



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: 5.30 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

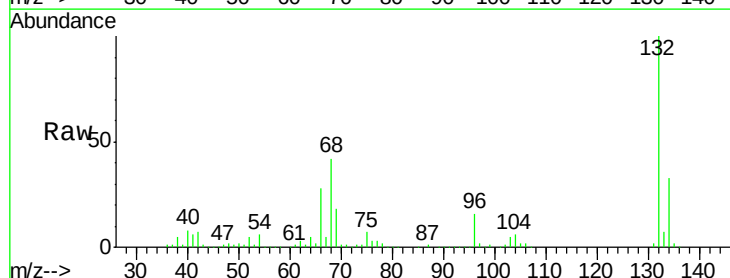
Tgt Ion: 77 Resp: 8599

Ion Ratio Lower Upper

77 100

105 83.3 82.9 122.9

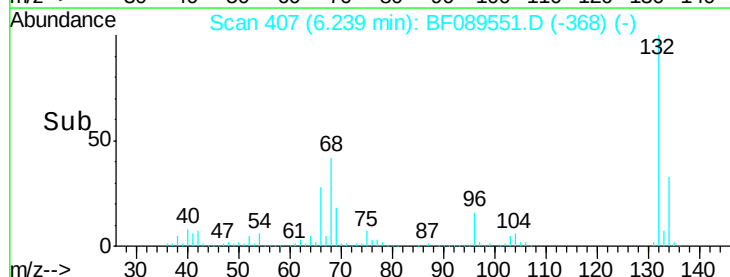
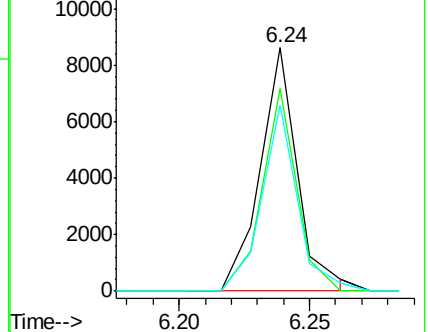
106 76.6 75.9 115.9

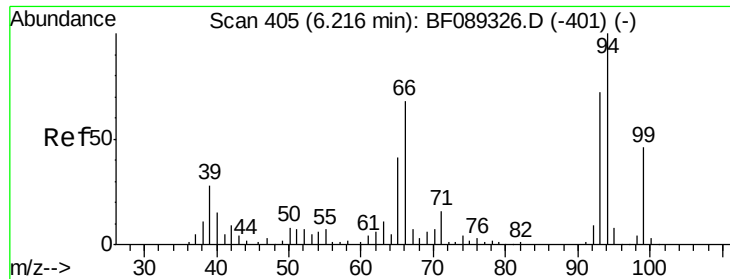


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.11 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.07 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

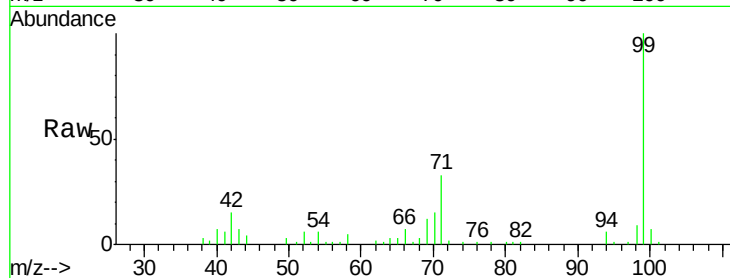
Tgt Ion: 94 Resp: 7726

Ion Ratio Lower Upper

94 100

65 42.3 19.1 59.1

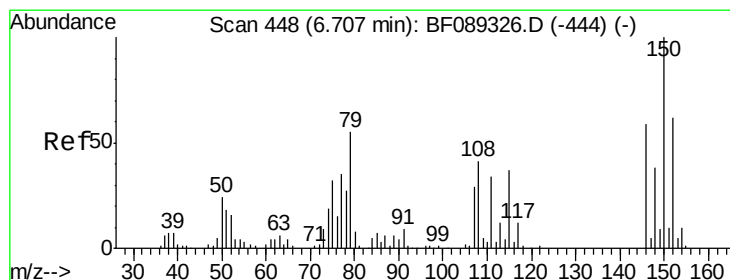
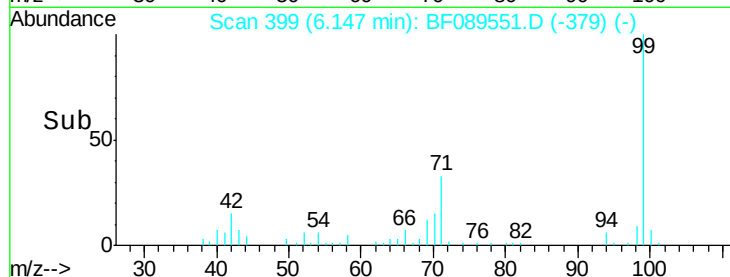
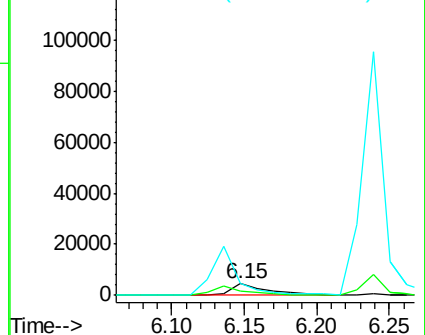
66 108.4 44.4 84.4#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

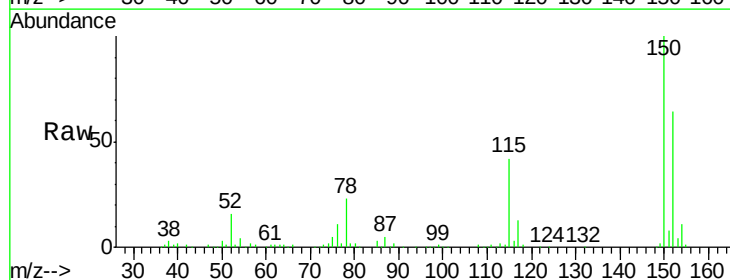
Tgt Ion: 79 Resp: 4244

Ion Ratio Lower Upper

79 100

108 34.5 59.8 89.6#

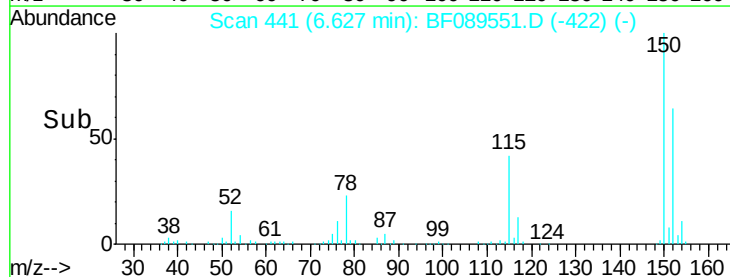
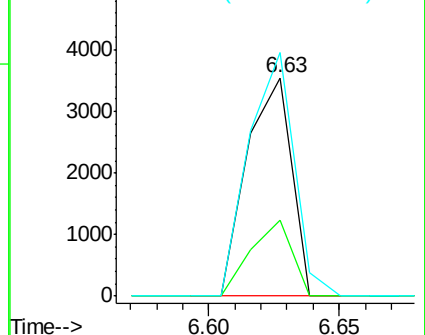
77 111.5 51.7 77.5#

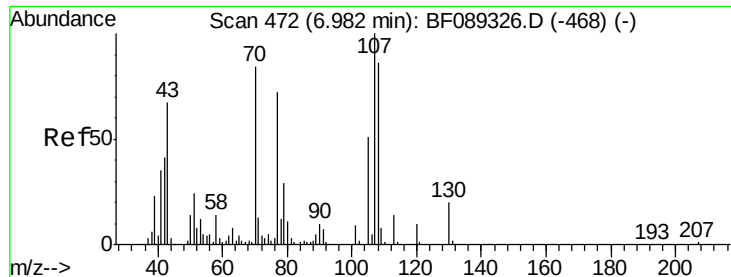


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

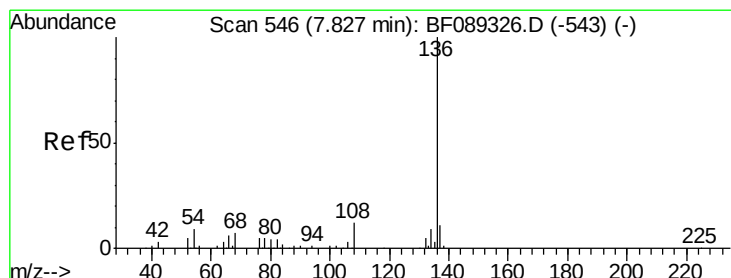
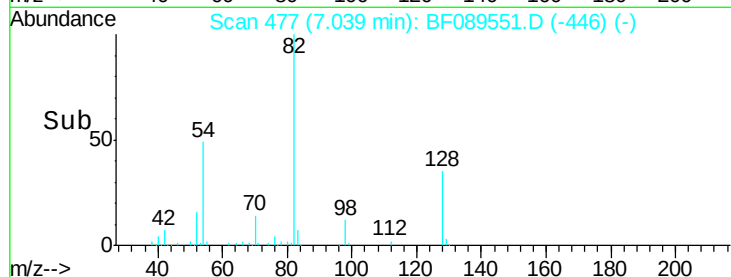
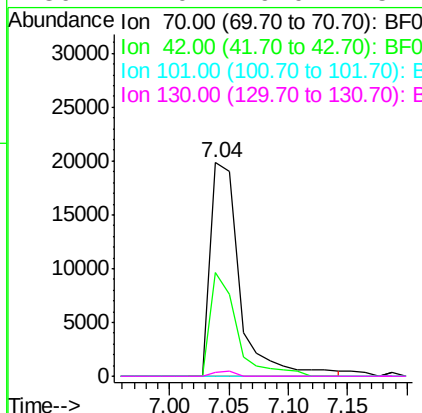
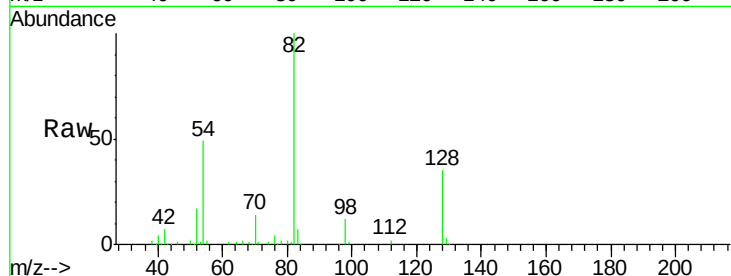




#19
n-Nitroso-di-n-propylamine
Concen: 17.02 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.06 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

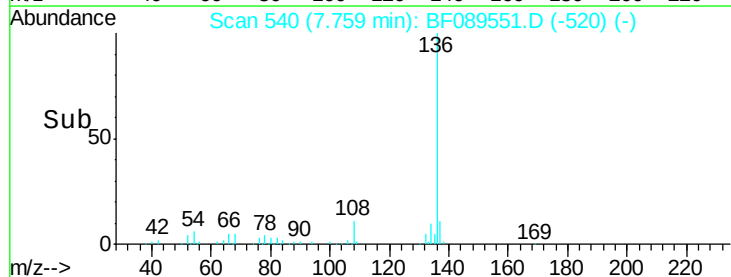
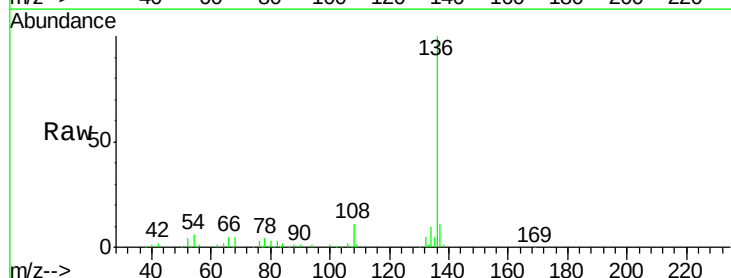
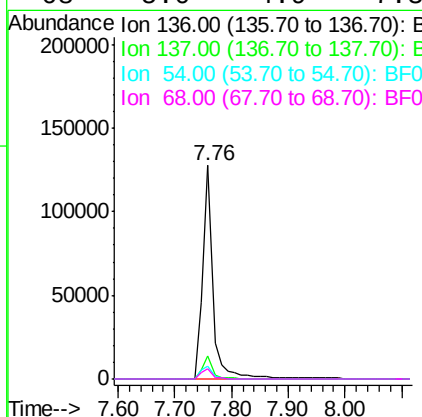
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0

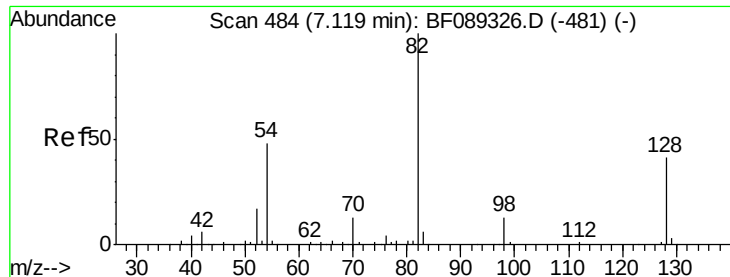
Tgt Ion: 70 Resp: 34088
Ion Ratio Lower Upper
70 100
42 48.3 38.6 57.8
101 0.0 8.3 12.5#
130 2.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Tgt Ion: 136 Resp: 156395
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.2 7.0 10.4#
68 5.0 4.9 7.3

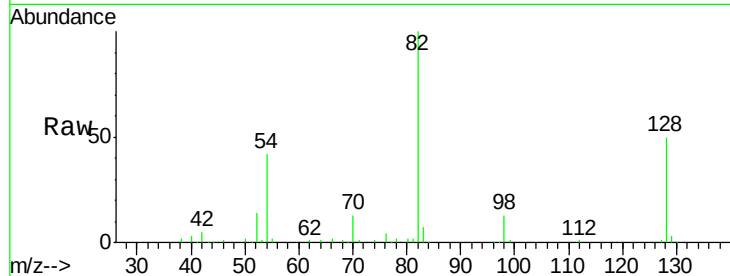




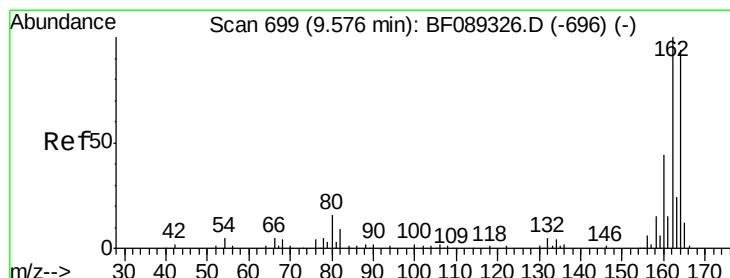
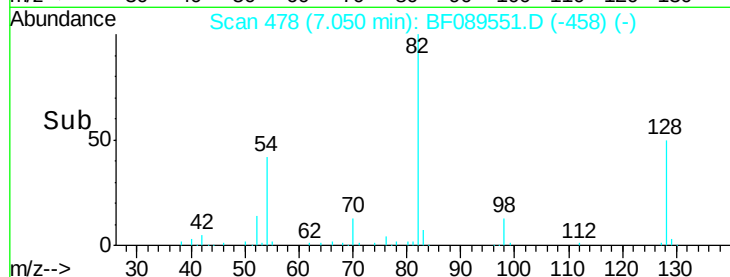
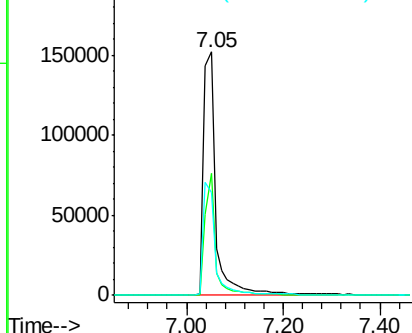
#23
 Nitrobenzene-d5
 Concen: 102.38 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0

Tgt Ion: 82 Resp: 271279
 Ion Ratio Lower Upper
 82 100
 128 50.3 32.5 48.7#
 54 42.5 38.8 58.2

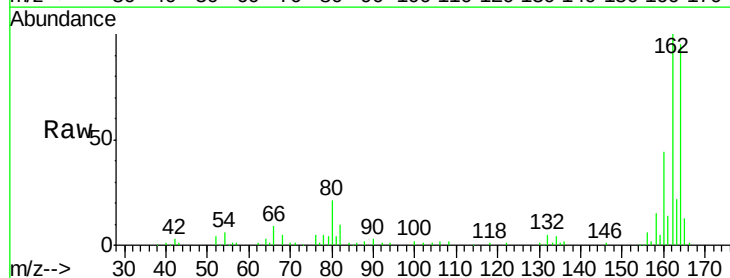


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

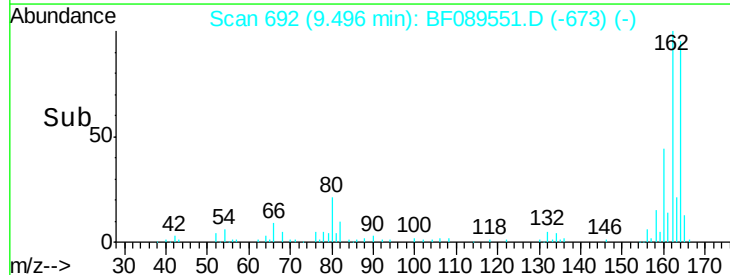
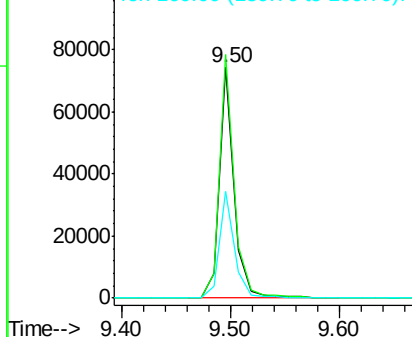


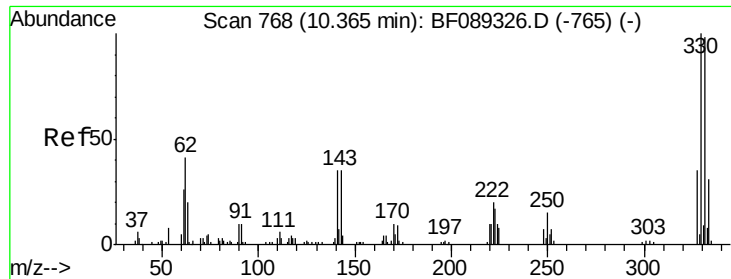
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Tgt Ion: 164 Resp: 70324
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 46.4 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

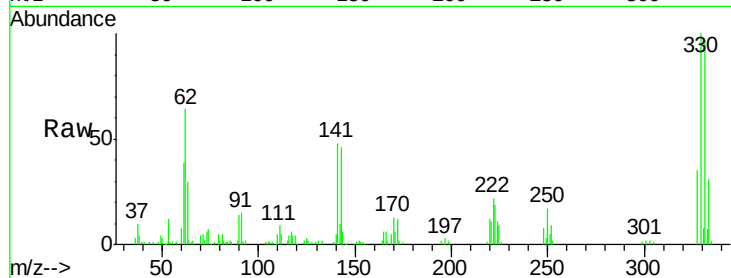




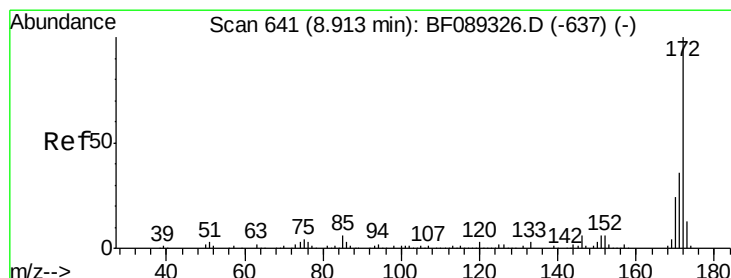
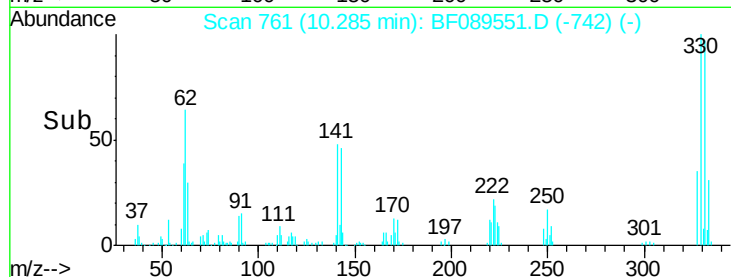
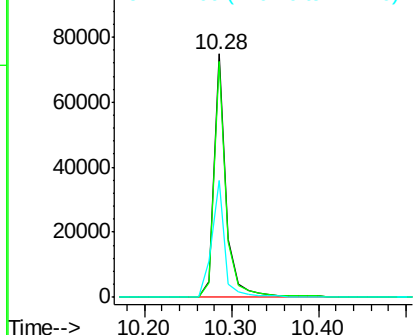
#41
 2,4,6-Tribromophenol
 Concen: 127.27 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Instrument :
 BNA_F
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 SB-52-13.0-14.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	51.0	37.3	55.9

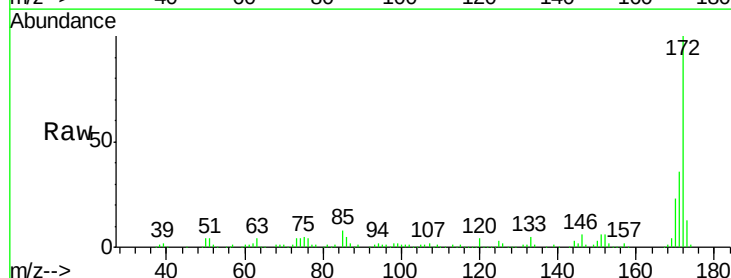


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

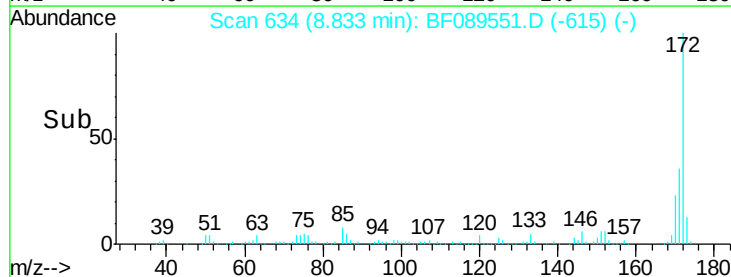
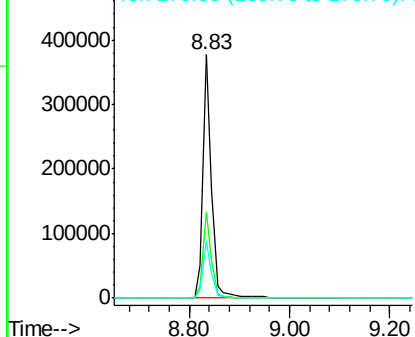


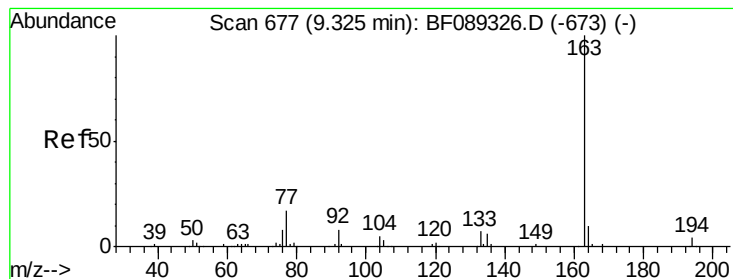
#44
 2-Fluorobiphenyl
 Concen: 93.82 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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: 13.90 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.09 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

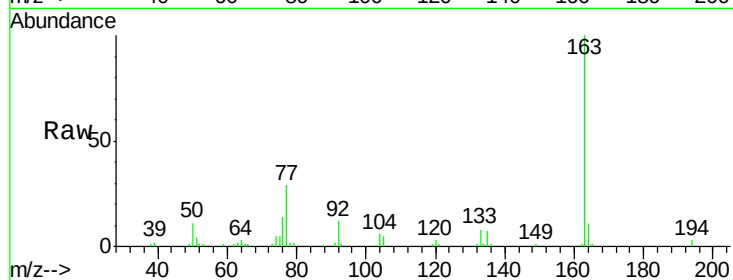
Tgt Ion:163 Resp: 74394

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

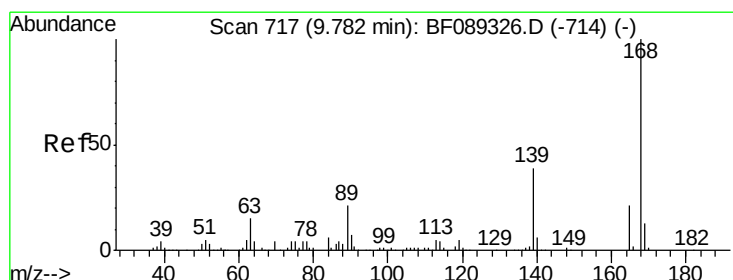
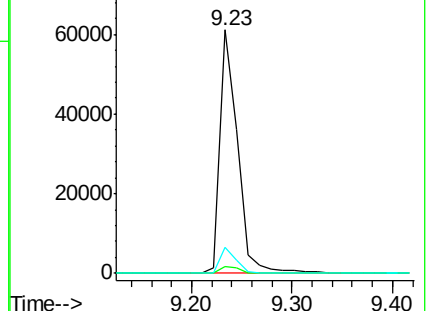
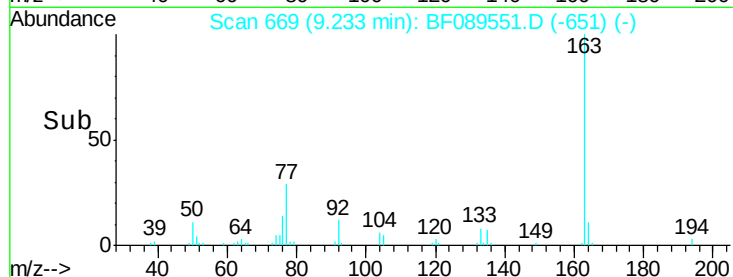
164 10.7 7.8 11.8



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: 6.04 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.29 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Tgt Ion:165 Resp: 8748

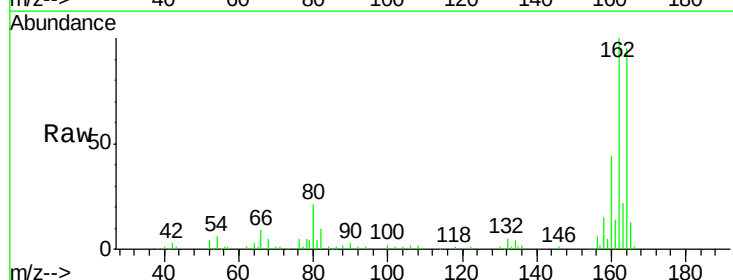
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

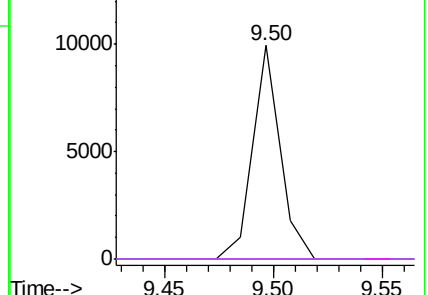
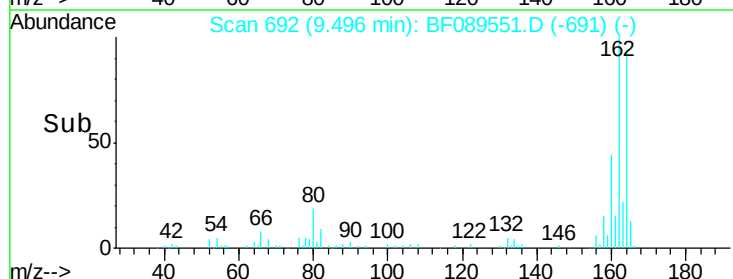


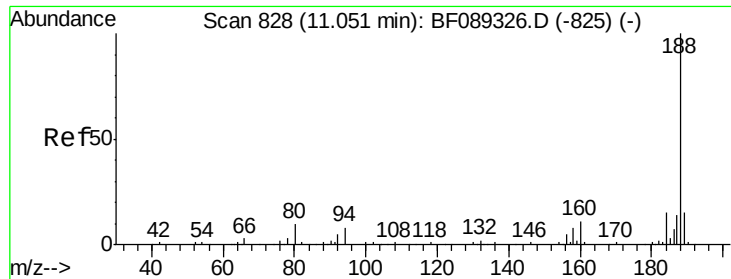
Abundance Ion 165.00 (164.70 to 165.70): E

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

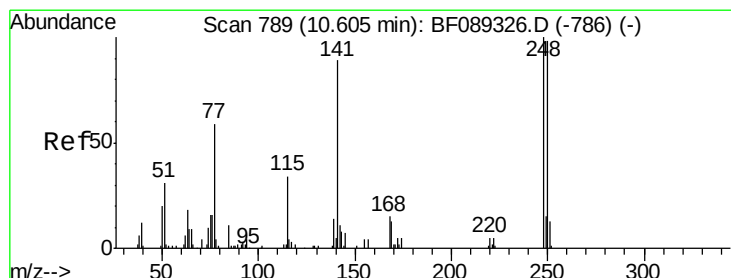
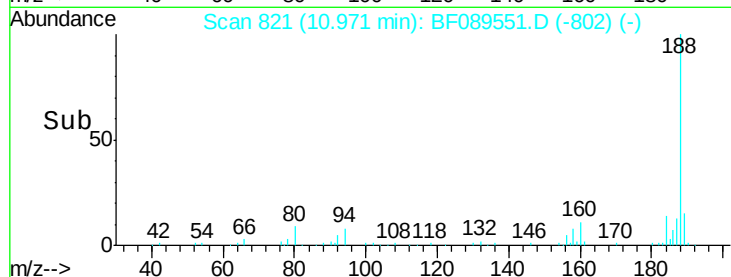
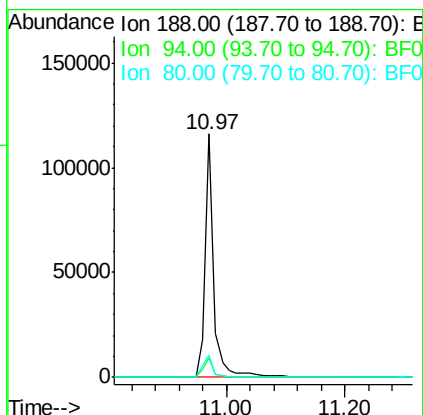
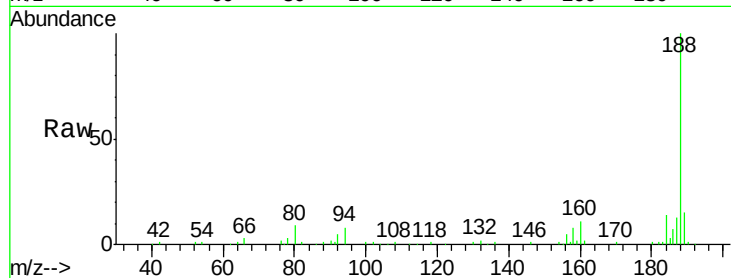




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.08 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

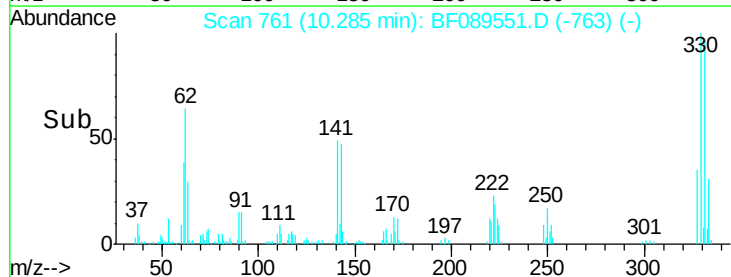
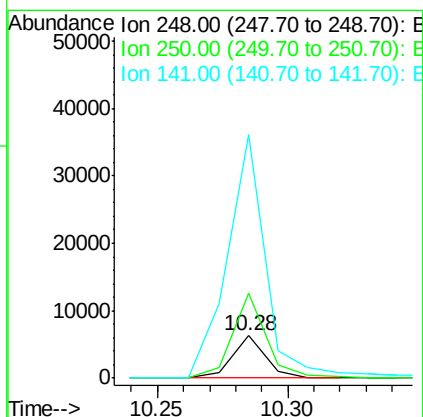
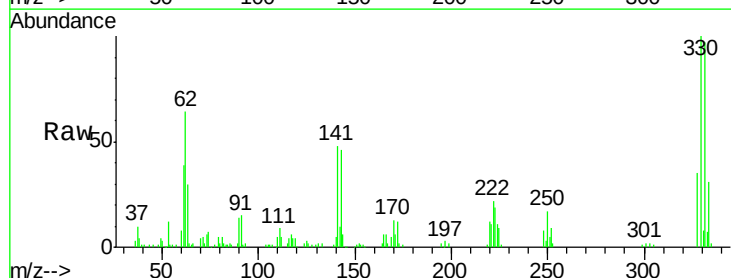
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0

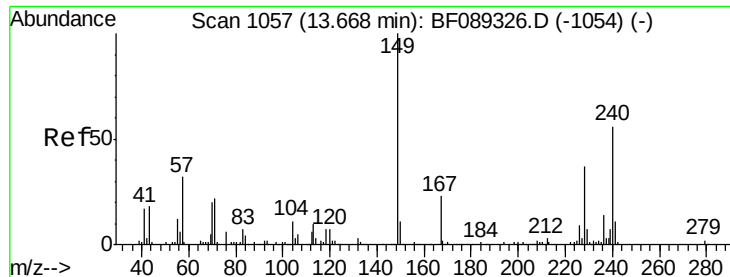
Tgt Ion:188 Resp: 122192
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.1 7.2 10.8



#66
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Tgt Ion:248 Resp: 5641
Ion Ratio Lower Upper
248 100
250 200.1 78.2 117.2#
141 572.1 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: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

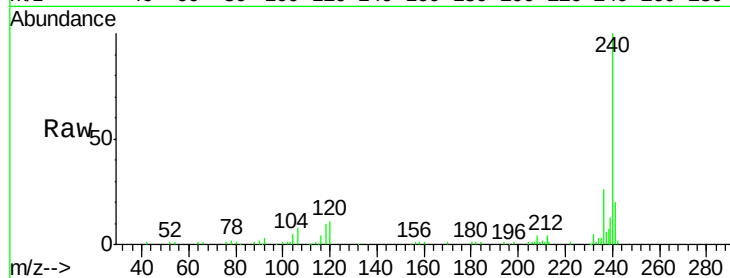
Tgt Ion:240 Resp: 90428

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

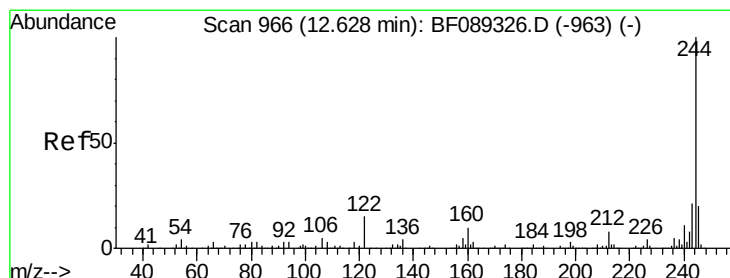
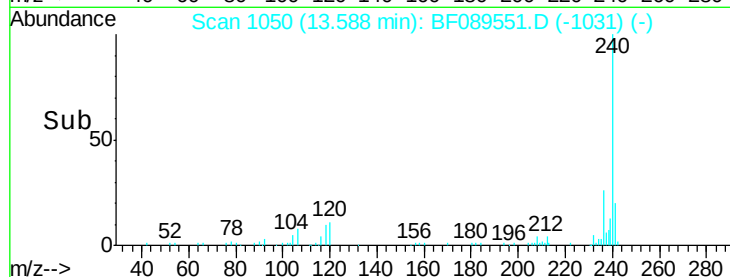
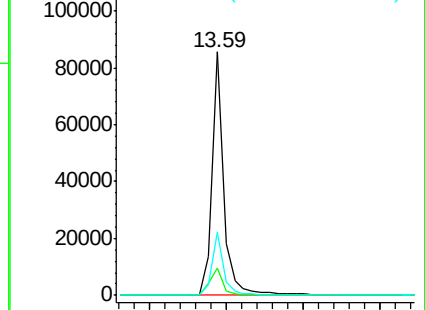
236 25.7 20.6 30.8



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: 86.74 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.08 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

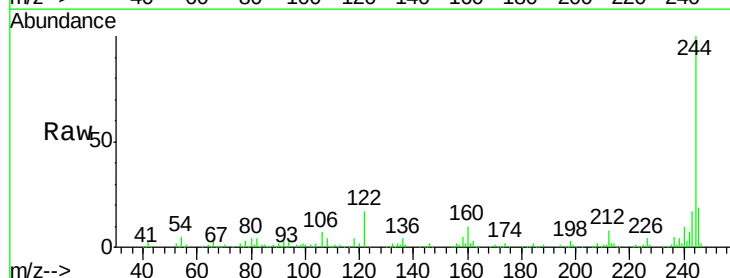
Tgt Ion:244 Resp: 335123

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 17.4 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

