

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089456.D
 Acq On : 30 Jul 2016 16:45
 Operator : UM/SJ
 Sample : H4284-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:09:43 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

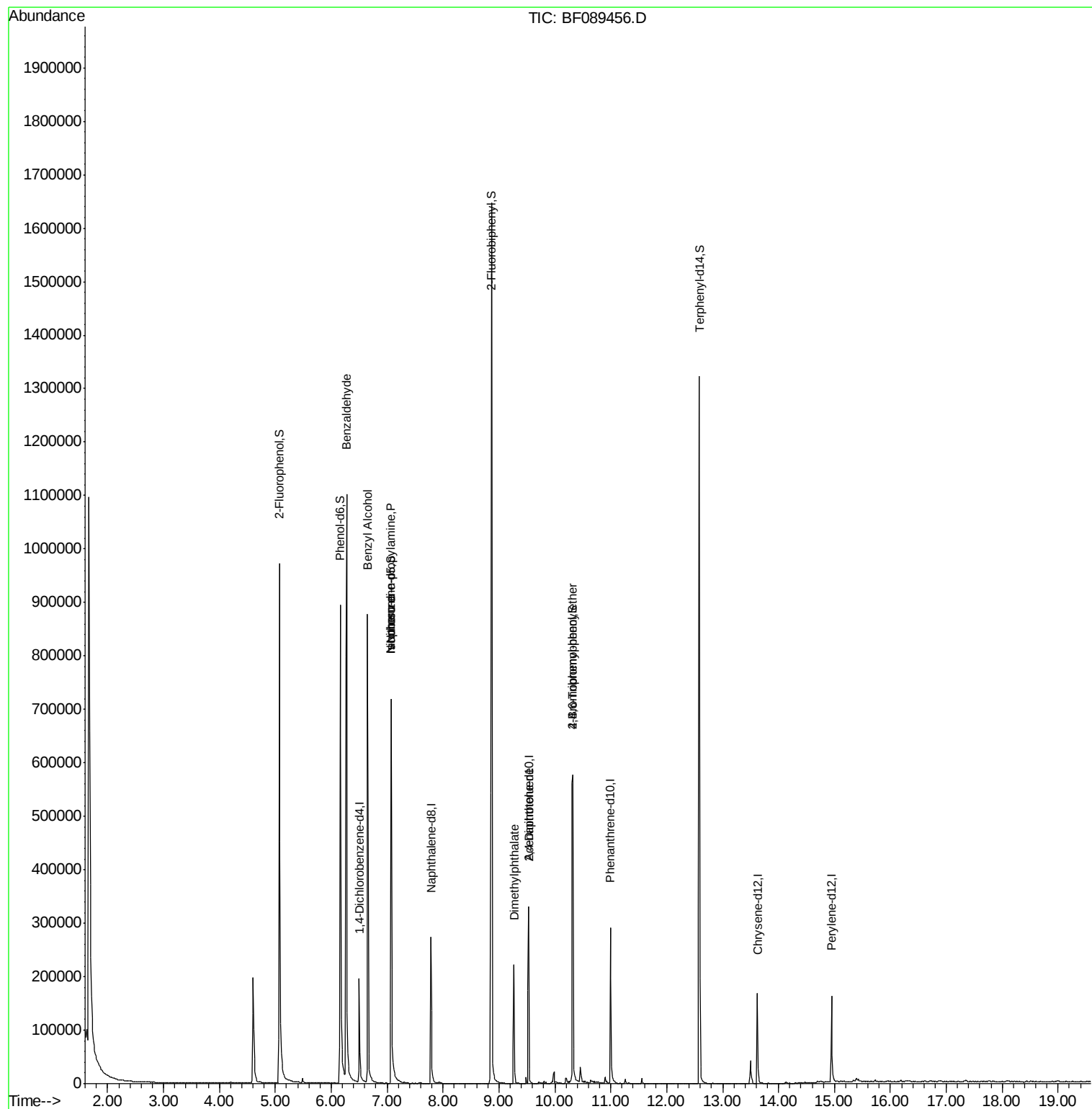
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	41156	20.00	ng	-0.05
21) Naphthalene-d8	7.78	136	172916	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	82123	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	159909	20.00	ng	-0.06
75) Chrysene-d12	13.62	240	95085	20.00	ng	-0.05
86) Perylene-d12	14.95	264	74105	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	371034	143.95	ng	-0.03
7) Phenol-d6	6.16	99	503468	147.80	ng	-0.05
23) Nitrobenzene-d5	7.07	82	318271	108.64	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	100825	148.24	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	576639	103.05	ng	-0.05
78) Terphenyl-d14	12.58	244	422661	104.04	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	9821	5.90	ng	82
15) Benzyl Alcohol	6.65	79	4808	2.27	ng	# 51
19) n-Nitroso-di-n-propylamine	7.07	70	41512	20.21	ng	# 81
25) Isophorone	7.07	82	297051	50.34	ng	# 67
49) Dimethylphthalate	9.27	163	102319	16.37	ng	100
56) 2,4-Dinitrotoluene	9.53	165	9963	5.89	ng	# 7
66) 4-Bromophenyl-phenylether	10.32	248	7221	4.73	ng	# 1

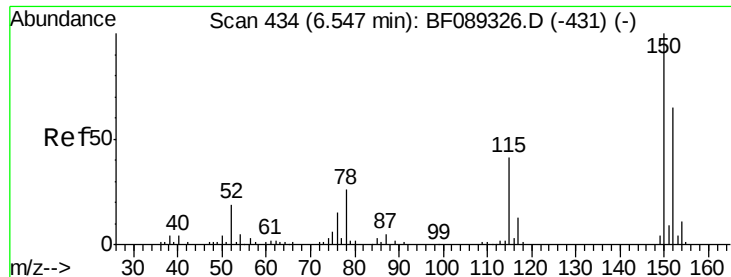
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampled :

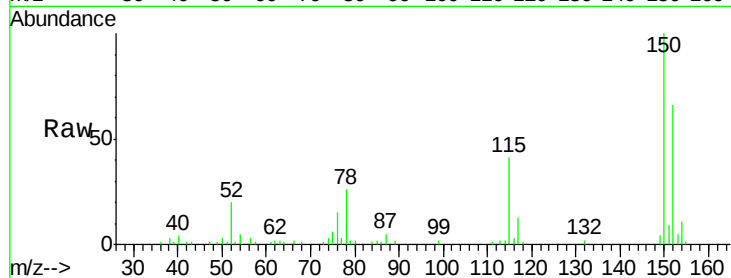
Tot Ion:152 Resp: 41156

Ion Ratio Lower Upper

152 100

150 151.6 129.5 194.3

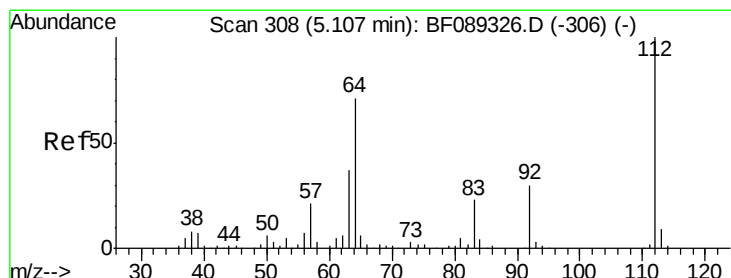
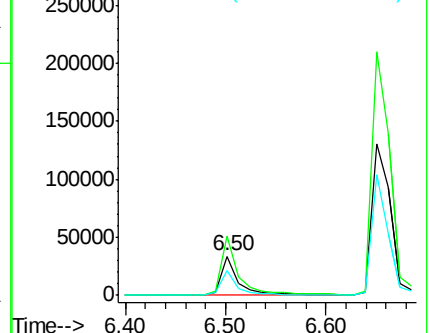
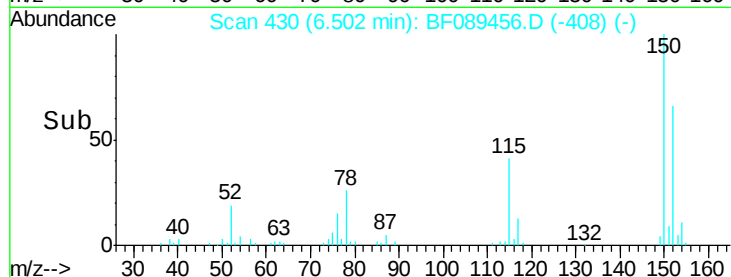
115 62.9 51.4 77.2



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: 143.95 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

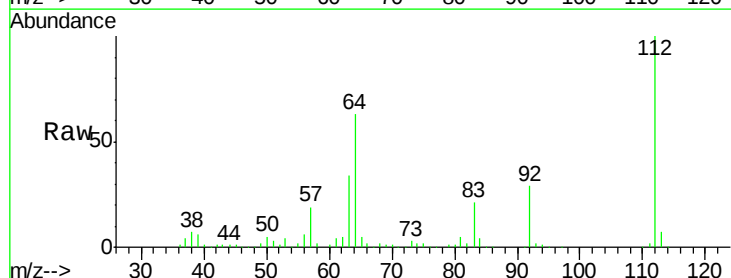
Tgt Ion:112 Resp: 371034

Ion Ratio Lower Upper

112 100

64 62.7 55.0 82.6

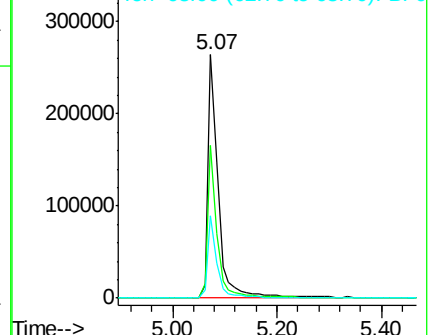
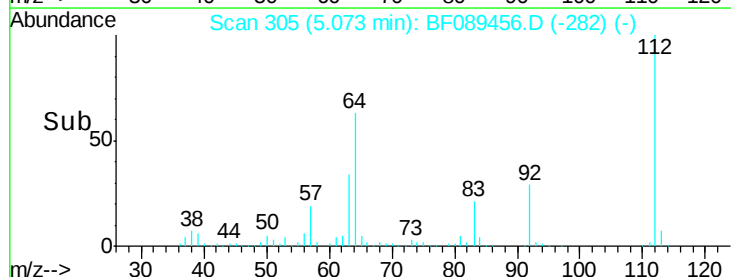
63 33.9 29.4 44.2



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: 147.80 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampled :

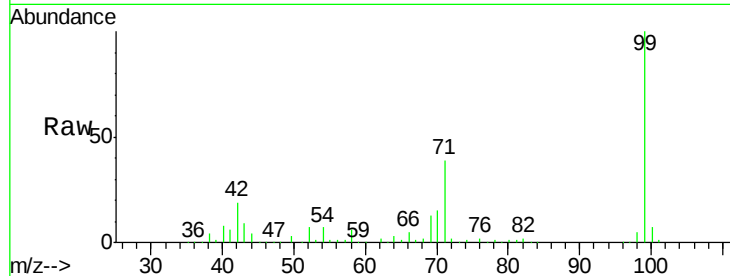
Tot Ion: 99 Resp: 503468

Ion Ratio Lower Upper

99 100

42 18.8 13.6 20.4

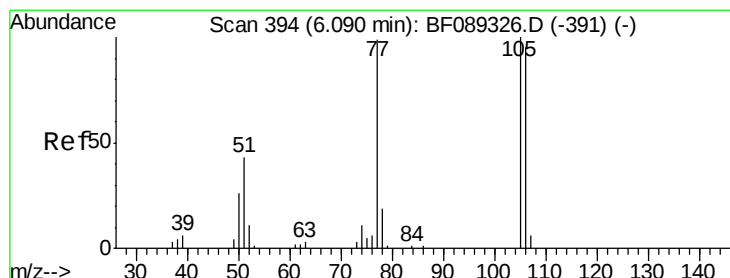
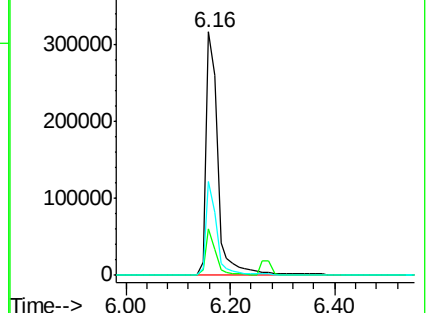
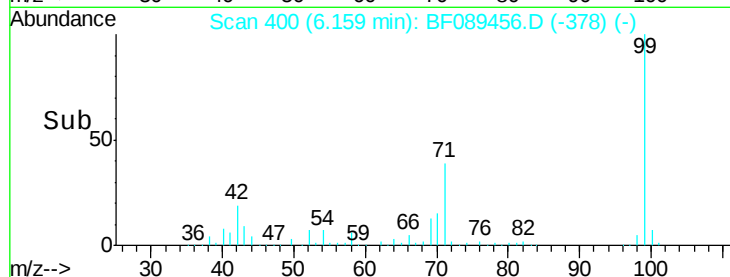
71 38.7 29.4 44.2



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: 5.90 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.18 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

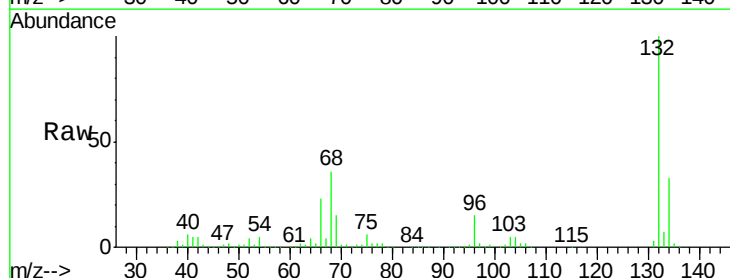
Tgt Ion: 77 Resp: 9821

Ion Ratio Lower Upper

77 100

105 86.8 82.9 122.9

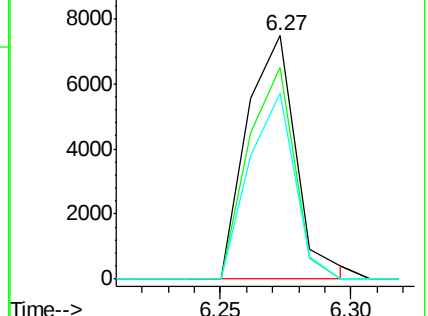
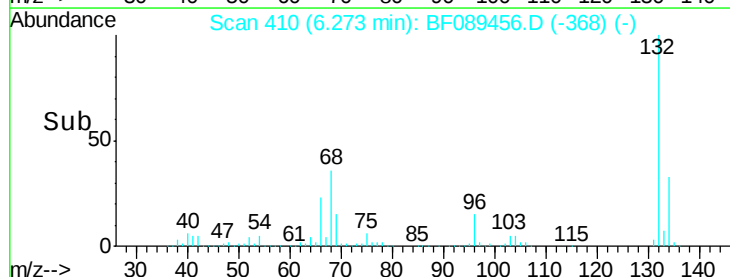
106 76.5 75.9 115.9

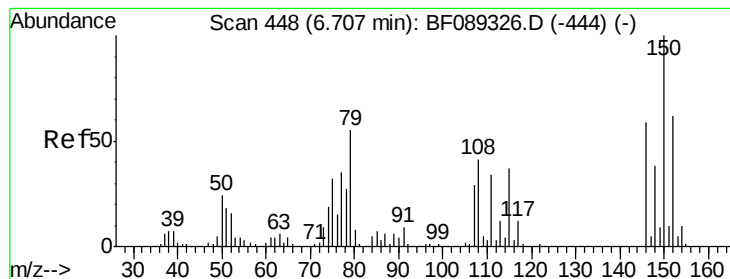


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampleId :

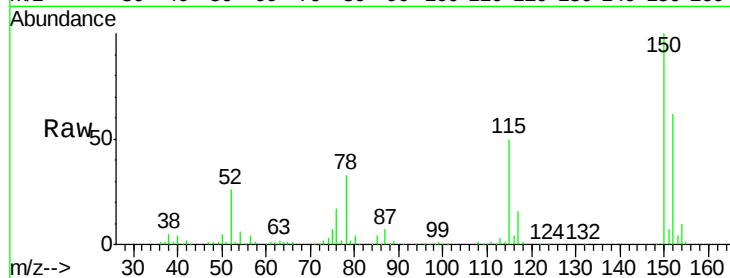
Tot Ion: 79 Resp: 4808

Ion Ratio Lower Upper

79 100

108 24.2 59.8 89.6#

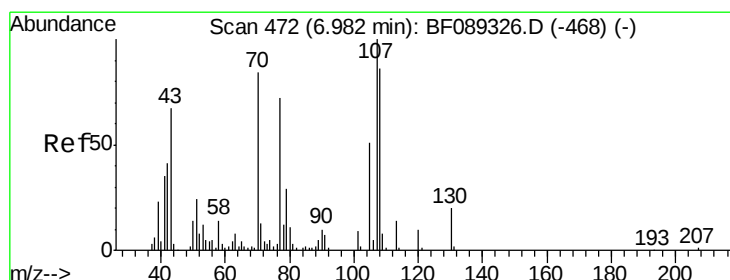
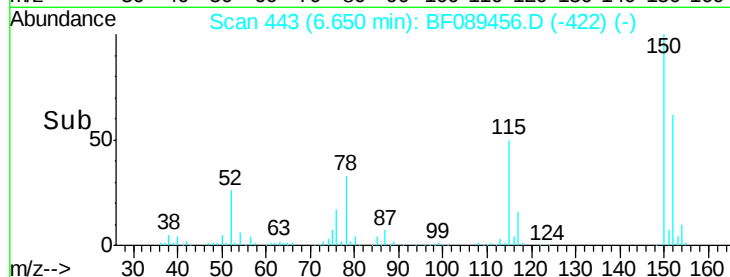
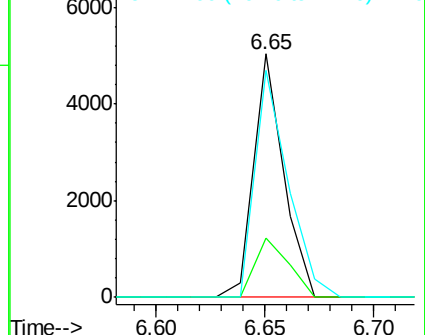
77 93.3 51.7 77.5#



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: 20.21 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.09 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Tgt Ion: 70 Resp: 41512

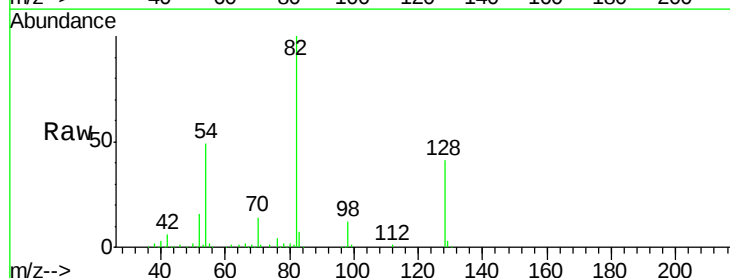
Ion Ratio Lower Upper

70 100

42 45.5 38.6 57.8

101 0.0 8.3 12.5#

130 2.0 19.0 28.4#

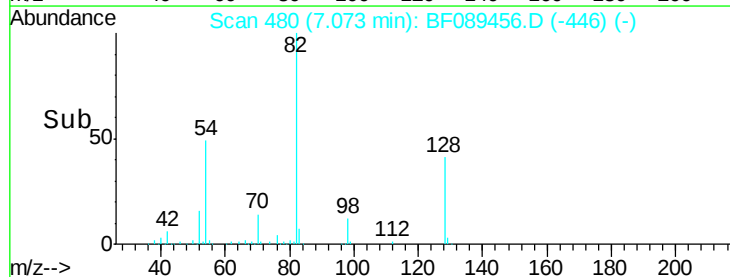
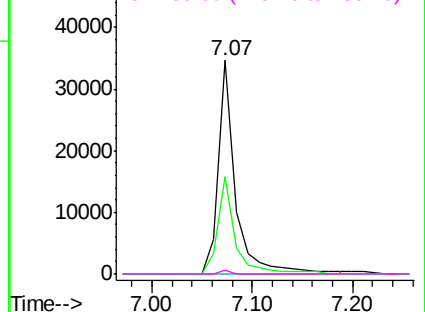


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 172916

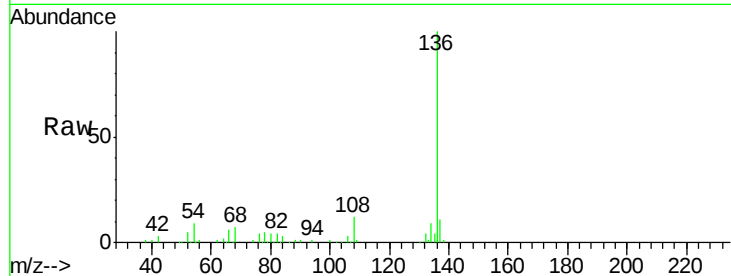
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.9 7.0 10.4

68 6.6 4.9 7.3

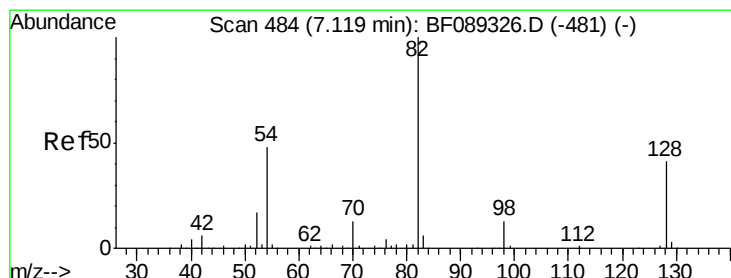
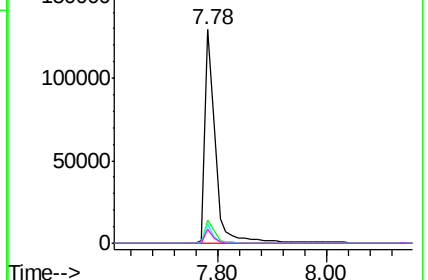
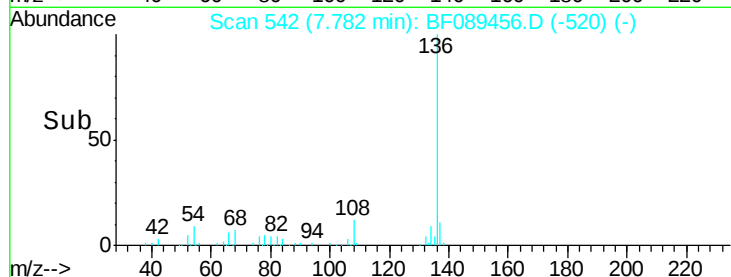


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.64 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

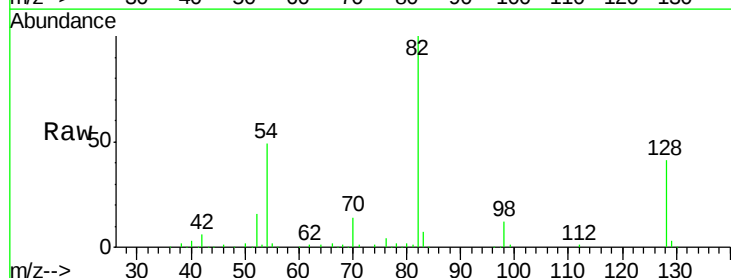
Tgt Ion: 82 Resp: 318271

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

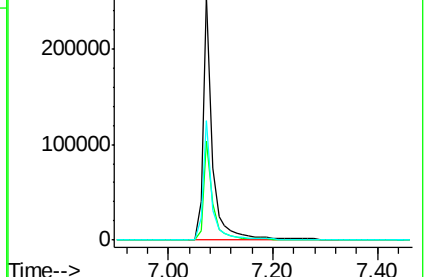
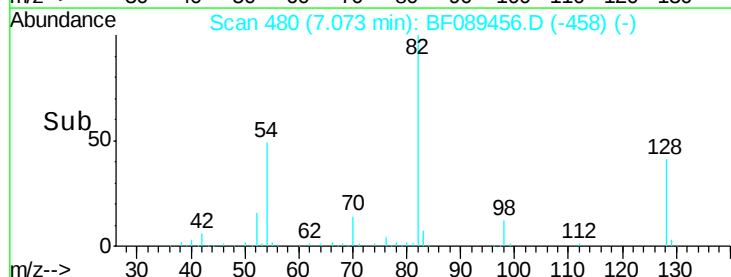
54 49.0 38.8 58.2

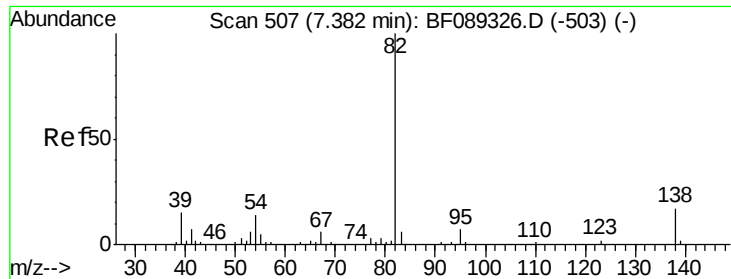


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.34 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.31 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampleId :

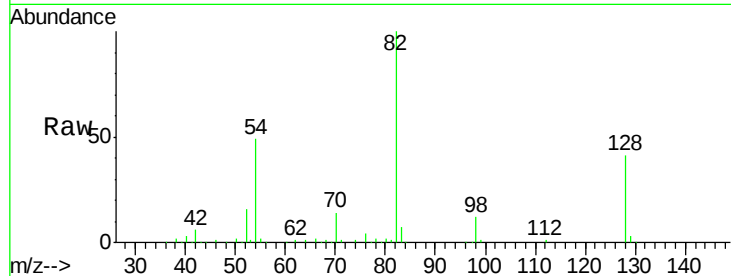
Tot Ion: 82 Resp: 297051

Ion Ratio Lower Upper

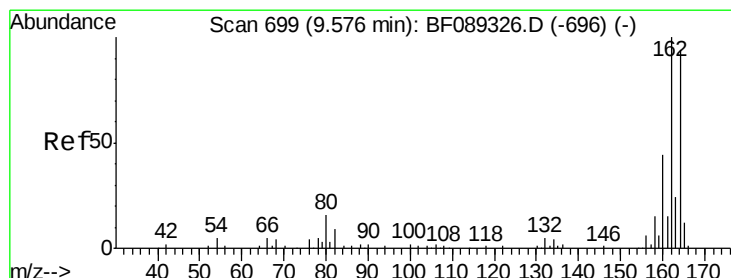
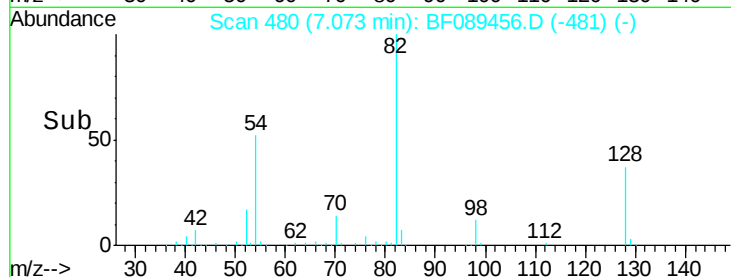
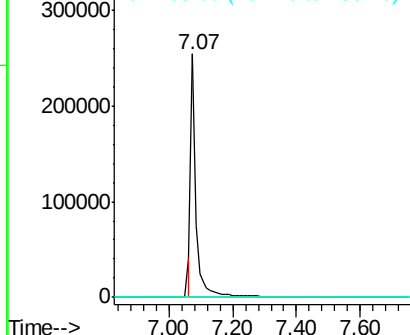
82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

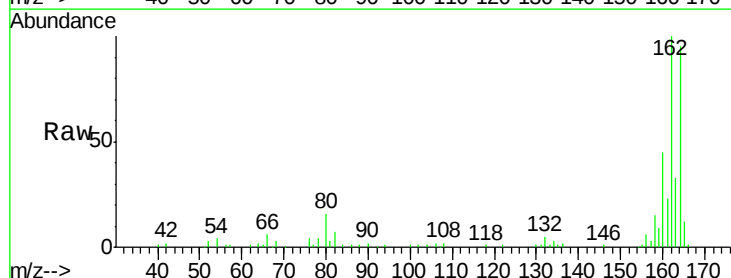
Tgt Ion: 164 Resp: 82123

Ion Ratio Lower Upper

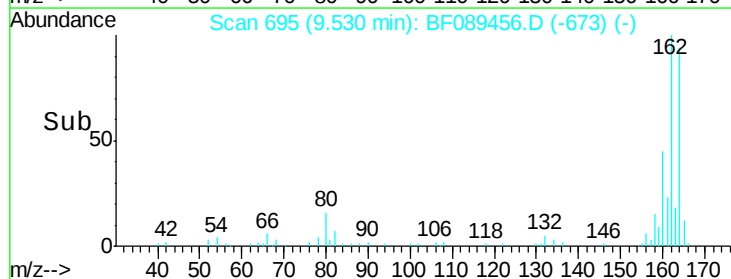
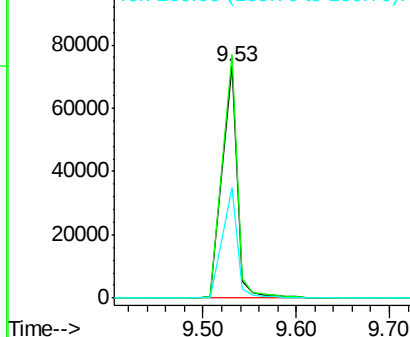
164 100

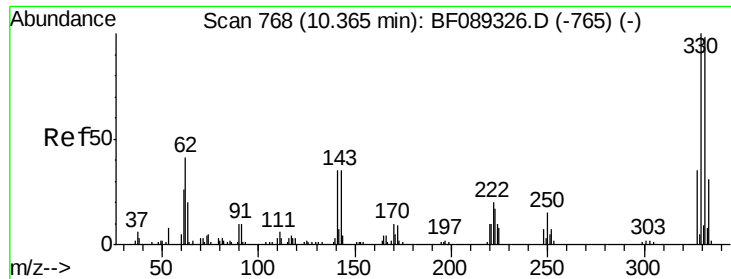
162 105.0 83.7 125.5

160 47.4 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

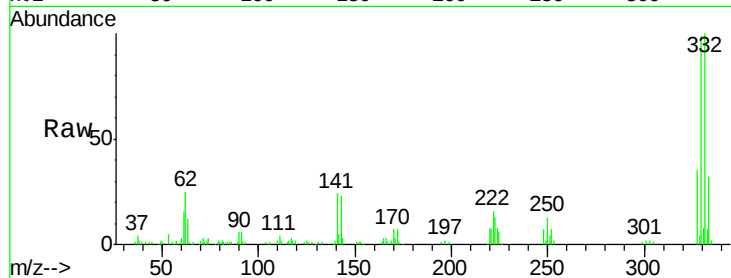




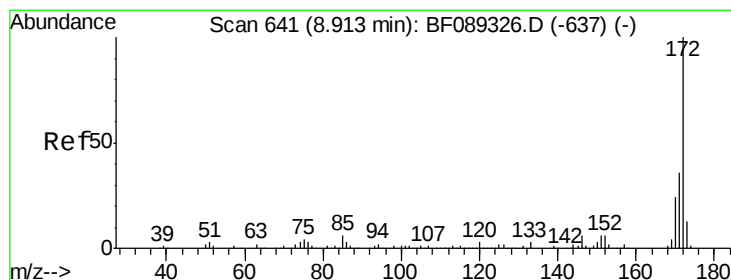
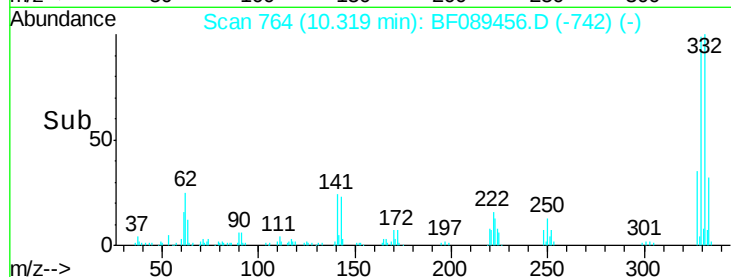
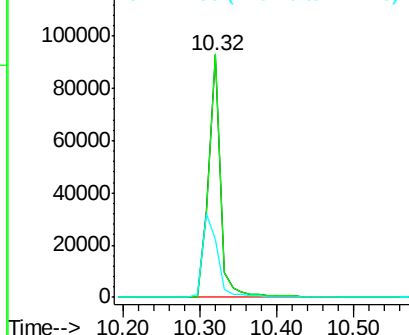
#41
 2,4,6-Tribromophenol
 Concen: 148.24 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089456.D
 Acq: 30 Jul 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.8	115.2
141	42.6	37.3	55.9

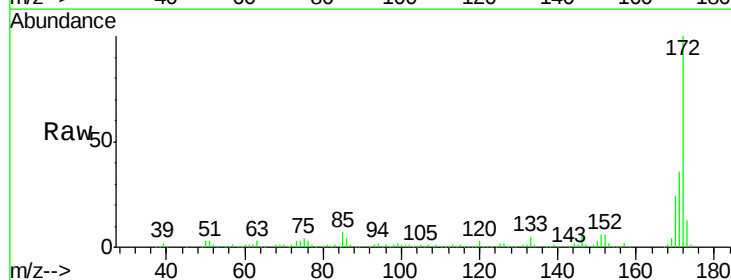


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

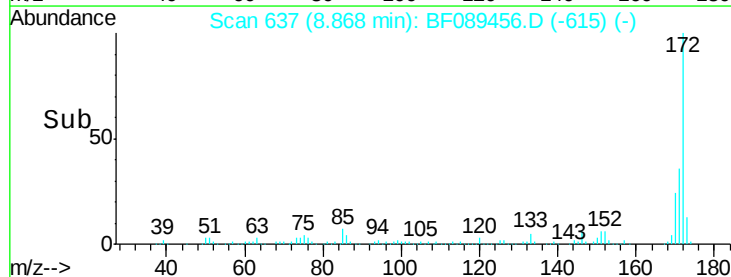
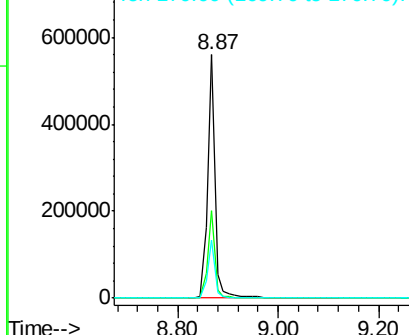


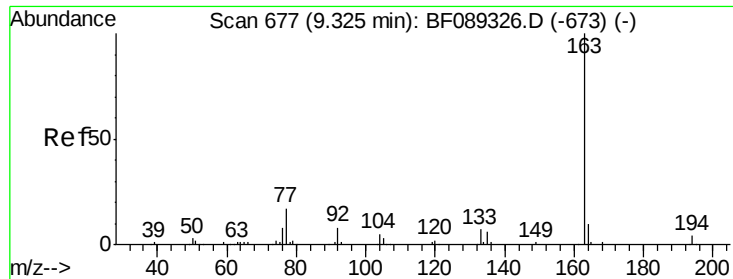
#44
 2-Fluorobiphenyl
 Concen: 103.05 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089456.D
 Acq: 30 Jul 2016 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

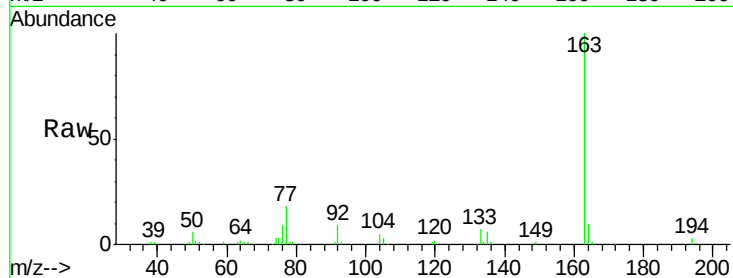




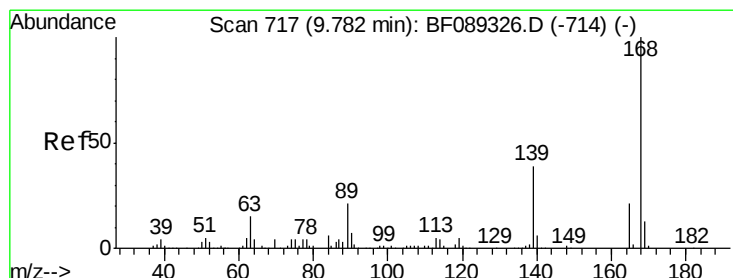
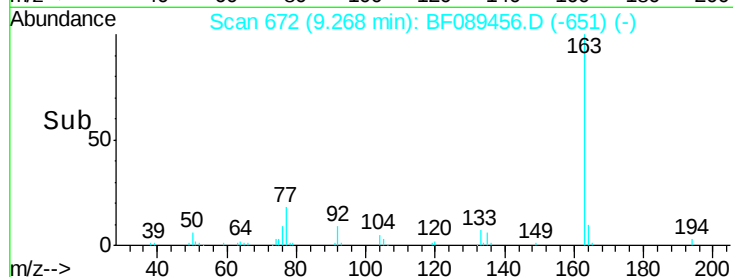
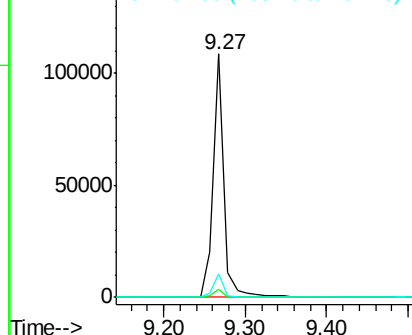
#49
Dimethylphthalate
Concen: 16.37 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089456.D
Acq: 30 Jul 2016 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 102319
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.7 7.8 11.8

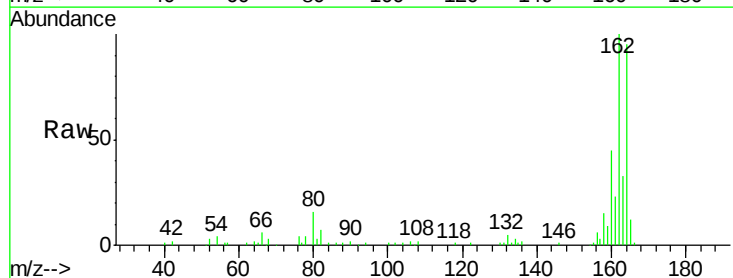


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

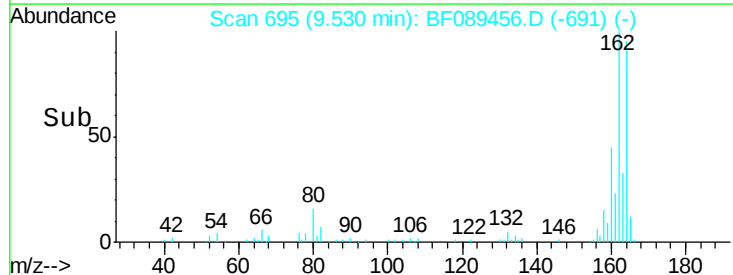
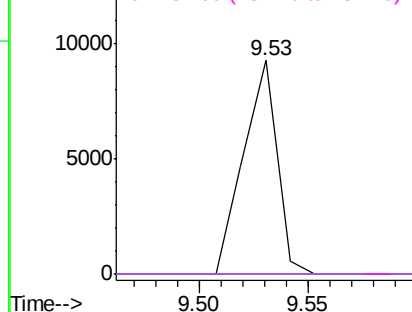


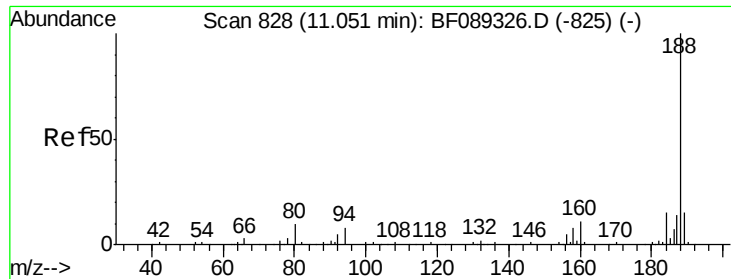
#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.25 min
Lab File: BF089456.D
Acq: 30 Jul 2016 16:45

Tgt Ion:165 Resp: 9963
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

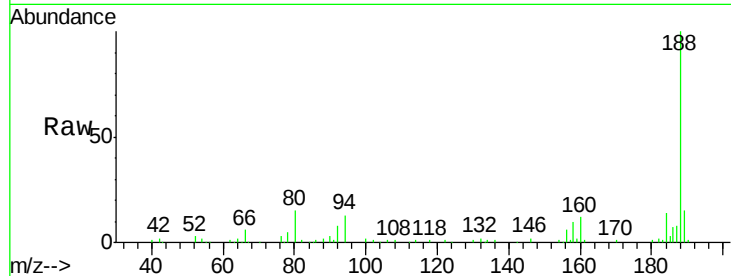




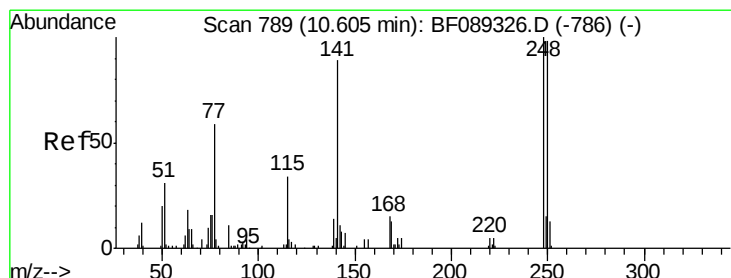
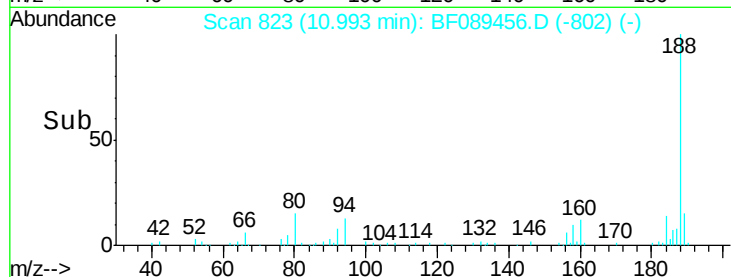
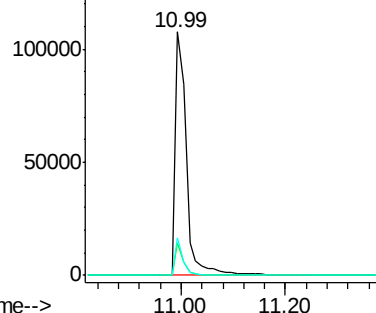
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089456.D
 Acq: 30 Jul 2016 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 159909
 Ion Ratio Lower Upper
 188 100
 94 13.4 6.5 9.7#
 80 15.4 7.2 10.8#

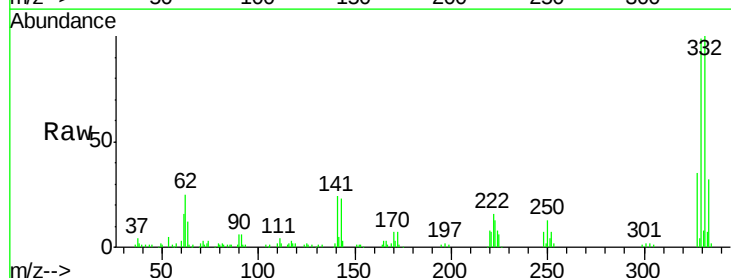


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

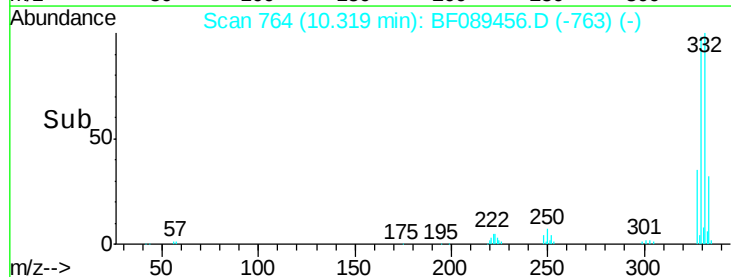
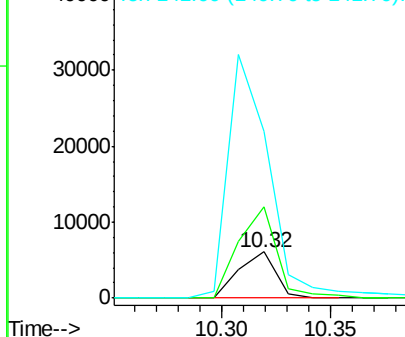


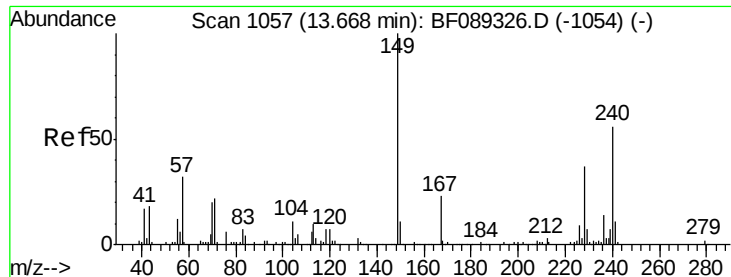
#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.29 min
 Lab File: BF089456.D
 Acq: 30 Jul 2016 16:45

Tgt Ion:248 Resp: 7221
 Ion Ratio Lower Upper
 248 100
 250 199.1 78.2 117.2#
 141 363.0 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: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

Instrument :

BNA_F

ClientSampleId :

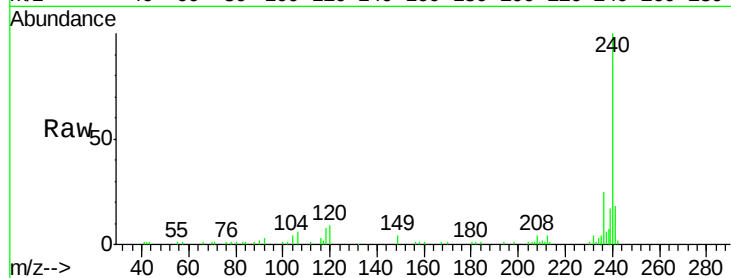
Tot Ion:240 Resp: 95085

Ion Ratio Lower Upper

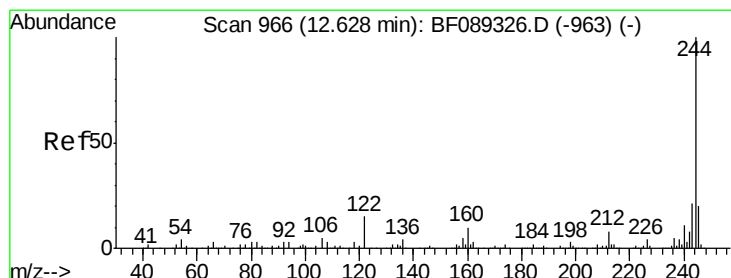
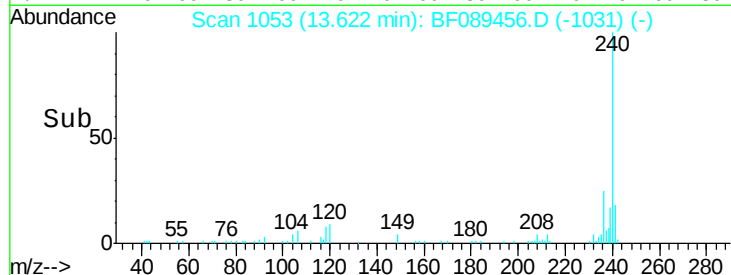
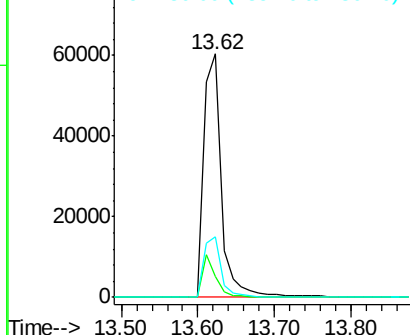
240 100

120 8.6 9.1 13.7#

236 24.6 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: 104.04 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089456.D

Acq: 30 Jul 2016 16:45

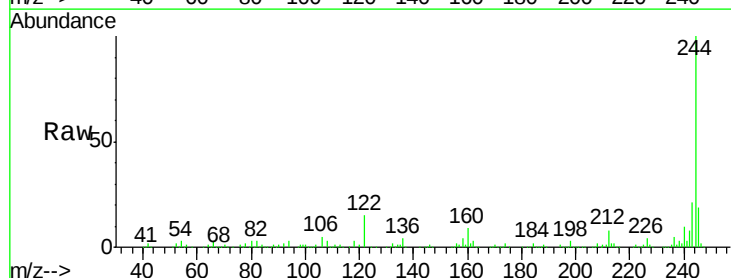
Tgt Ion:244 Resp: 422661

Ion Ratio Lower Upper

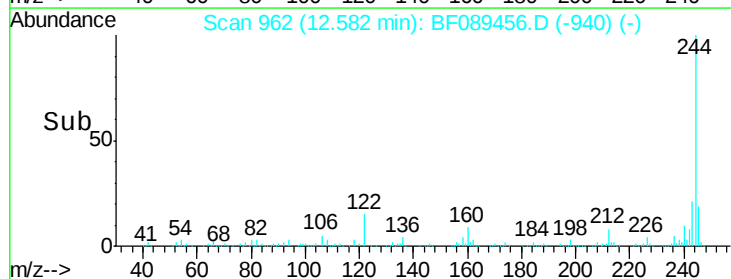
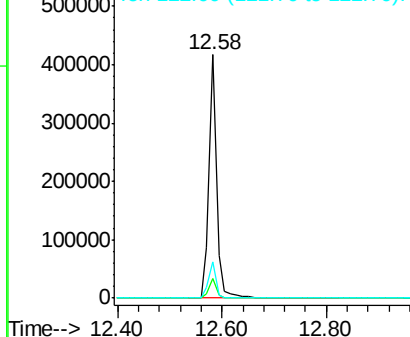
244 100

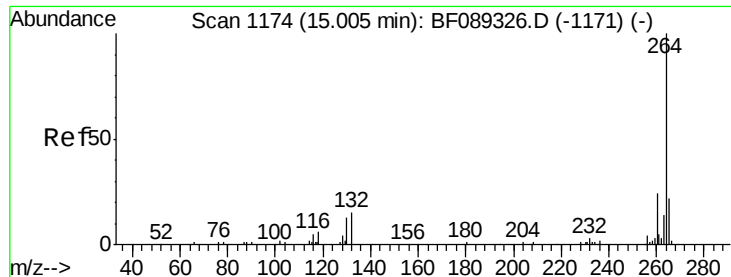
212 7.9 6.5 9.7

122 14.9 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

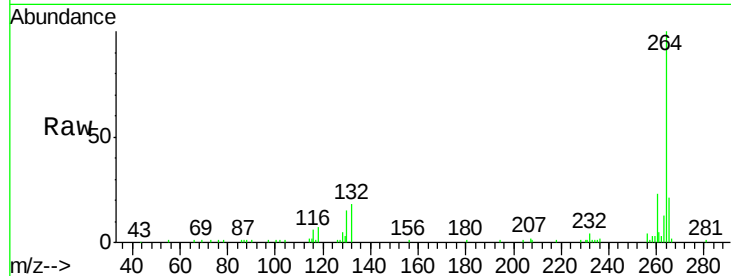




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089456.D
 Acq: 30 Jul 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 74105
 Ion Ratio Lower Upper
 264 100
 260 23.5 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

