

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090862.D
 Acq On : 27 Oct 2016 1:20
 Operator : UM/SJ
 Sample : H5393-05RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHRE

Quant Time: Oct 27 02:33:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

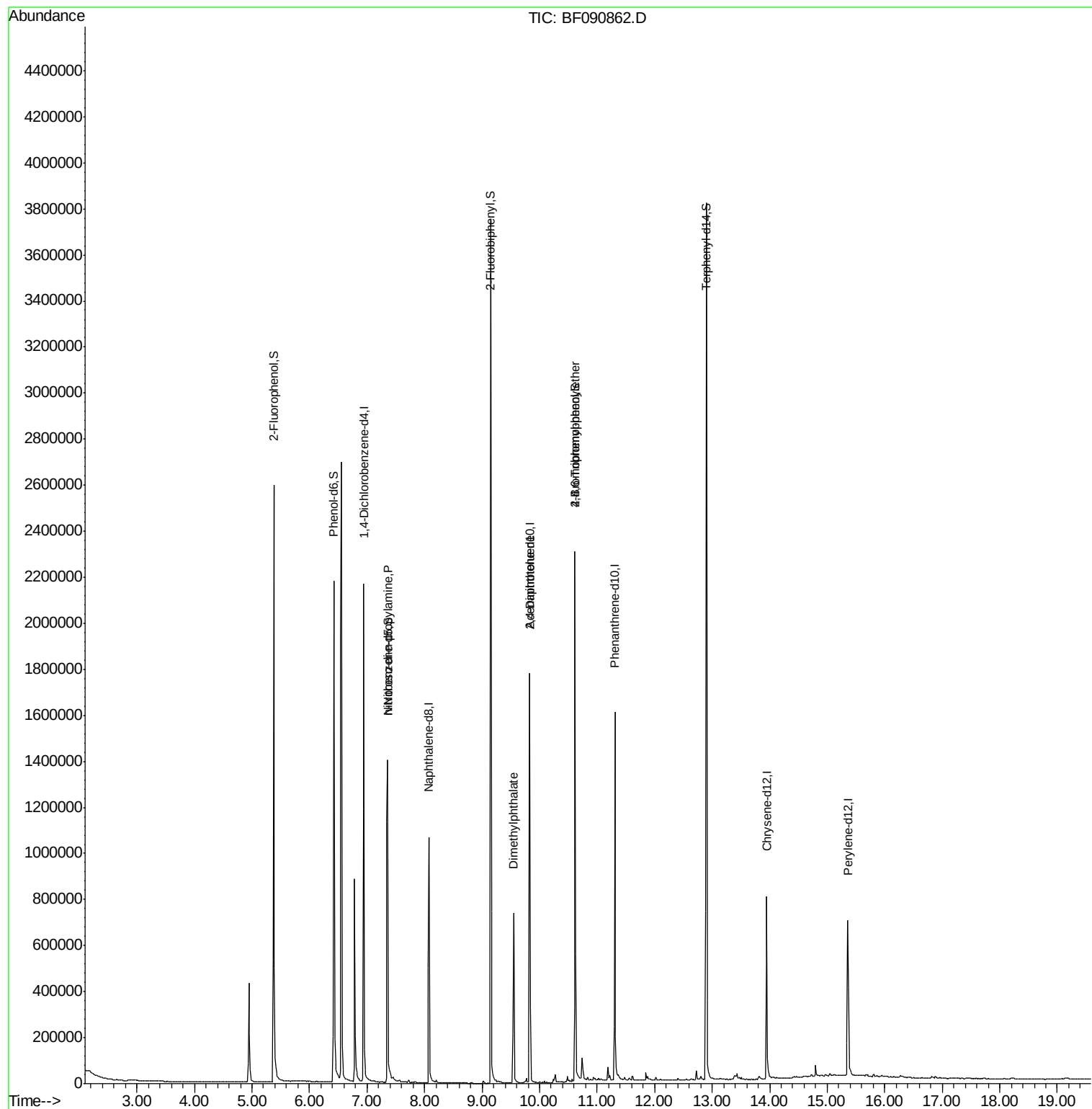
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	456915	20.00	ng	0.15
21) Naphthalene-d8	8.08	136	671354	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	364609	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	589799	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	367635	20.00	ng	-0.01
86) Perylene-d12	15.36	264	319468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	841955	32.22	ng	-0.01
7) Phenol-d6	6.42	99	1272688	36.10	ng	-0.02
23) Nitrobenzene-d5	7.36	82	778511	75.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	285817	76.28	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1246244	60.02	ng	-0.02
78) Terphenyl-d14	12.90	244	1163474	79.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	105510	5.18	ng	# 49
49) Dimethylphthalate	9.55	163	333978	13.71	ng	# 97
56) 2,4-Dinitrotoluene	9.82	165	47117	7.05	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	19245	2.98	ng	# 1

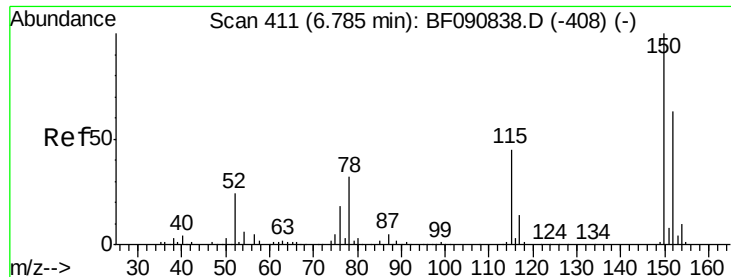
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.15 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTHRE

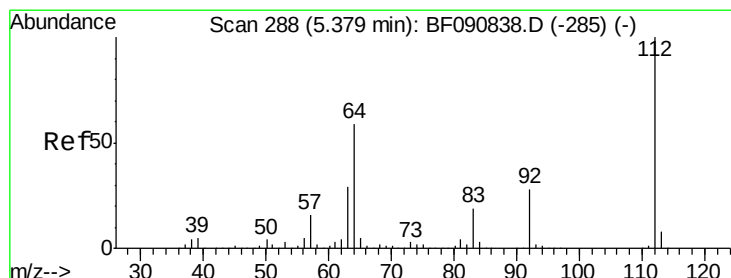
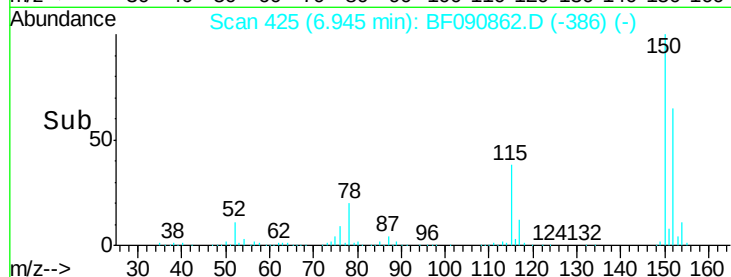
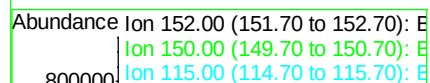
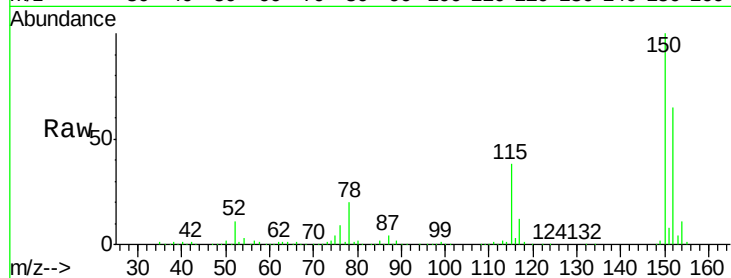
Tgt Ion:152 Resp: 456915

Ion Ratio Lower Upper

152 100

150 152.9 124.7 187.1

115 57.4 39.0 58.4



#5

2-Fluorophenol

Concen: 32.22 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

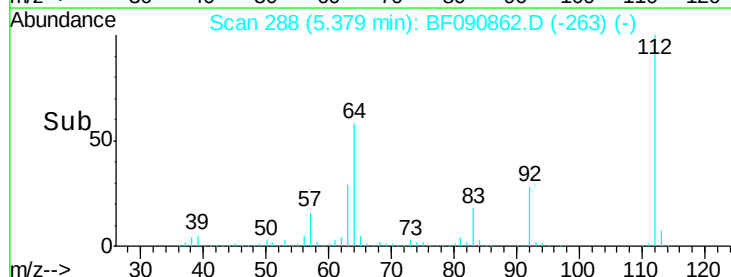
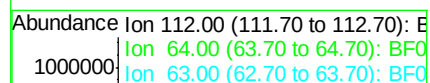
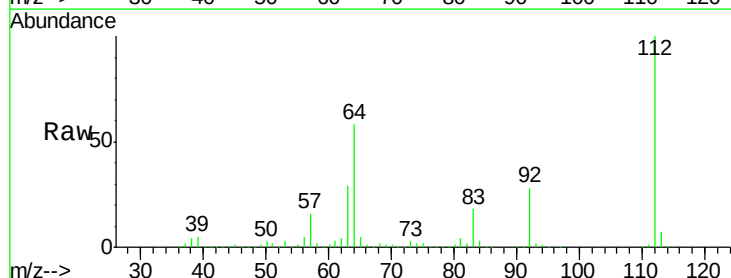
Tgt Ion:112 Resp: 841955

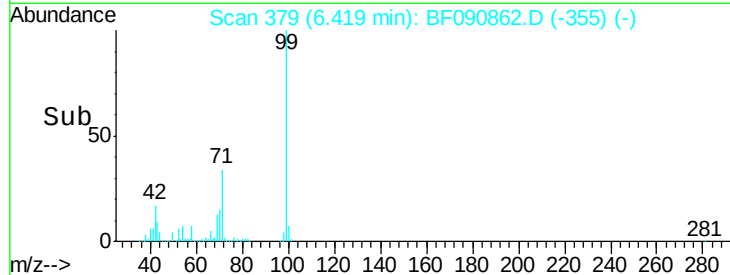
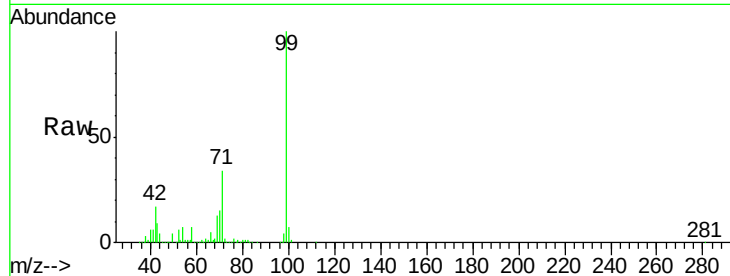
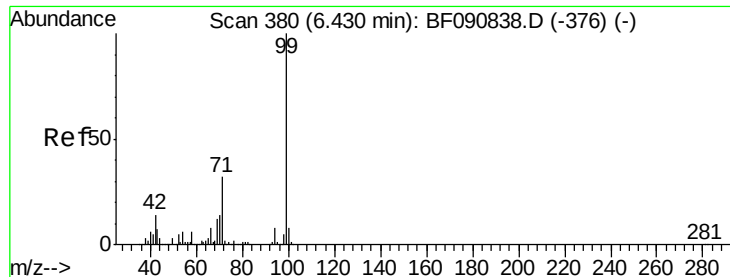
Ion Ratio Lower Upper

112 100

64 57.8 39.7 59.5

63 28.7 17.4 26.0#





#7

Phenol-d6

Concen: 36.10 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTHRE

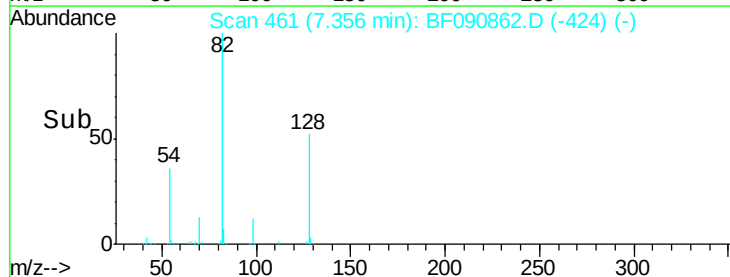
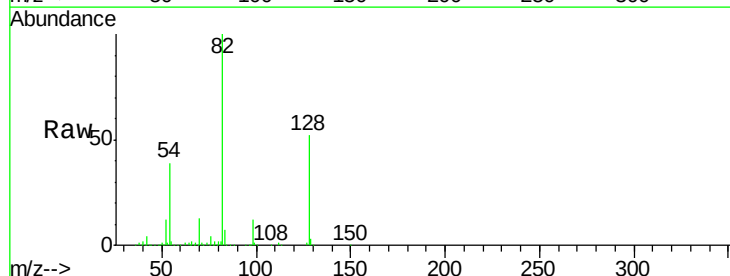
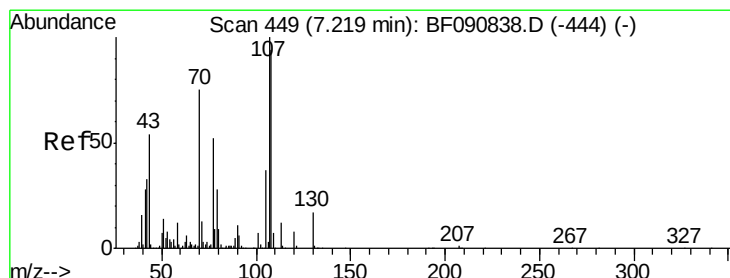
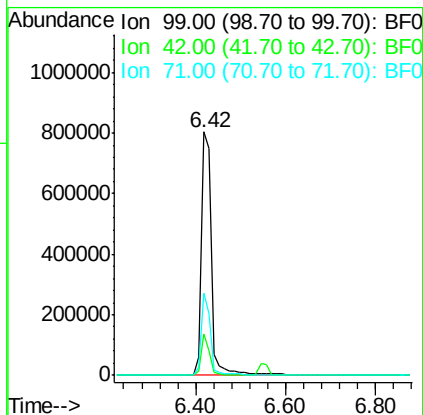
Tgt Ion: 99 Resp: 1272688

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 33.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 5.18 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

Tgt Ion: 70 Resp: 105510

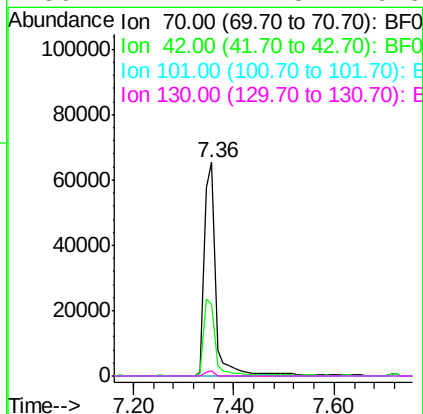
Ion Ratio Lower Upper

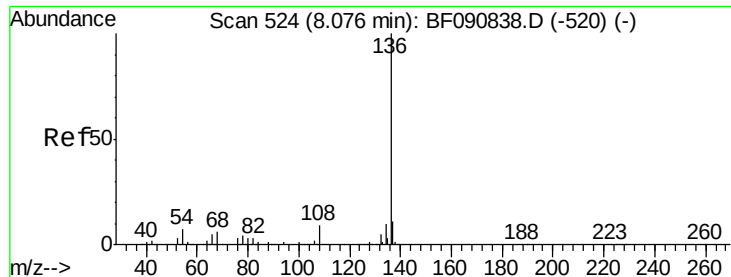
70 100

42 33.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTHRE

Tgt Ion: 136 Resp: 671354

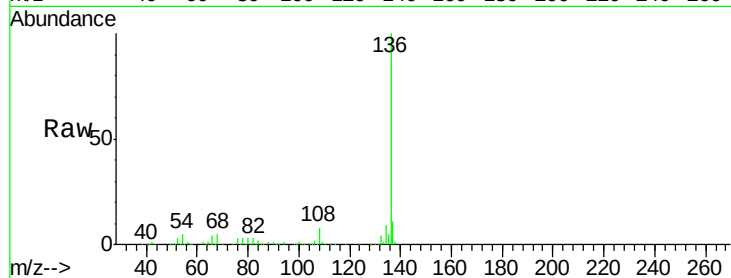
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 5.3 8.2 12.2#

68 5.1 5.8 8.6#

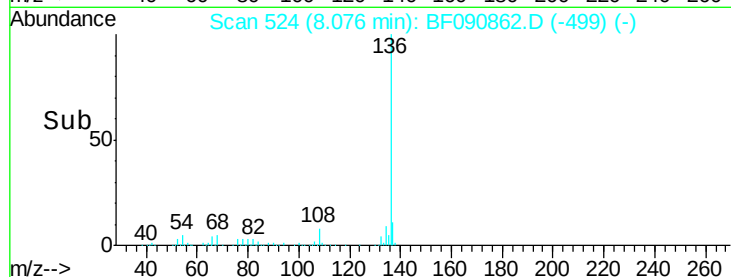


Abundance Ion 136.00 (135.70 to 136.70): E

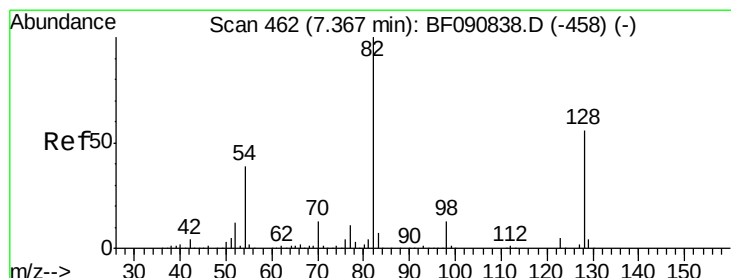
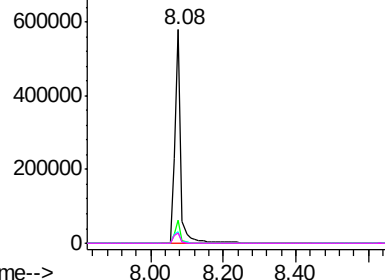
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 75.91 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

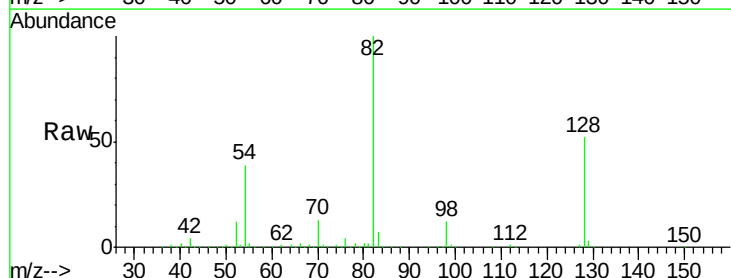
Tgt Ion: 82 Resp: 778511

Ion Ratio Lower Upper

82 100

128 52.2 51.0 76.6

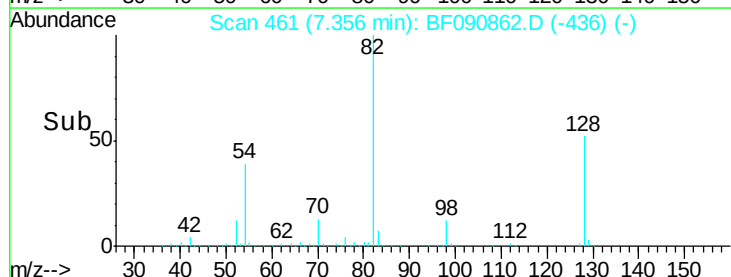
54 39.5 47.5 71.3#



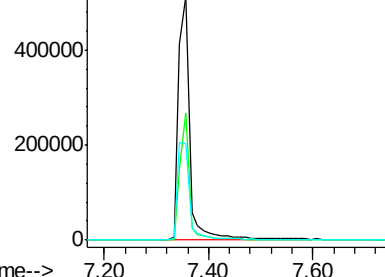
Abundance Ion 82.00 (81.70 to 82.70): BF0

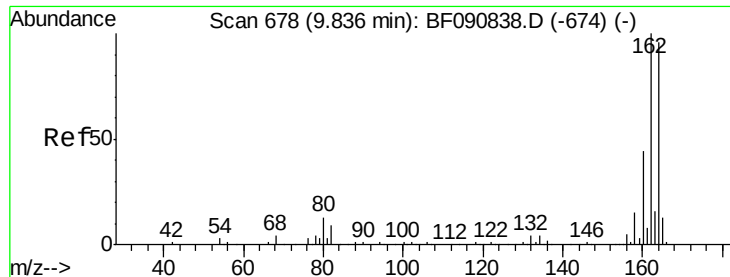
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

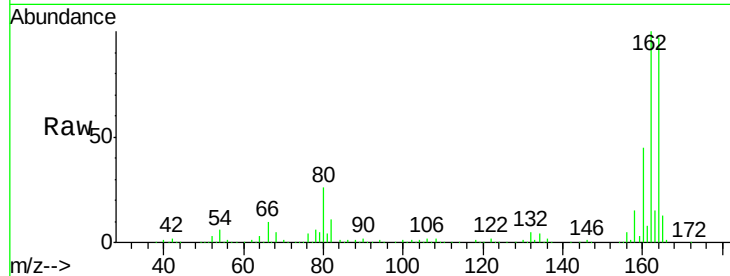




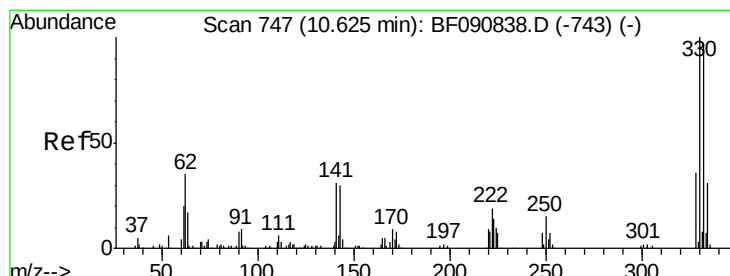
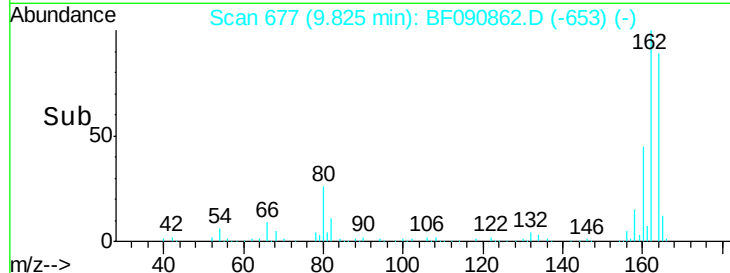
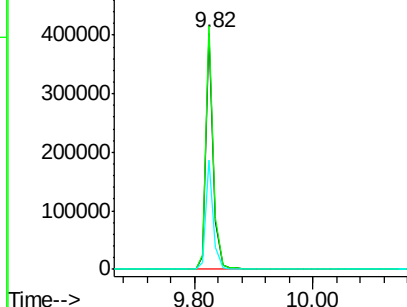
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

Instrument :
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 SIDEWALL-SOUTHRE

Tgt Ion:164 Resp: 364609
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.5 31.5 47.3

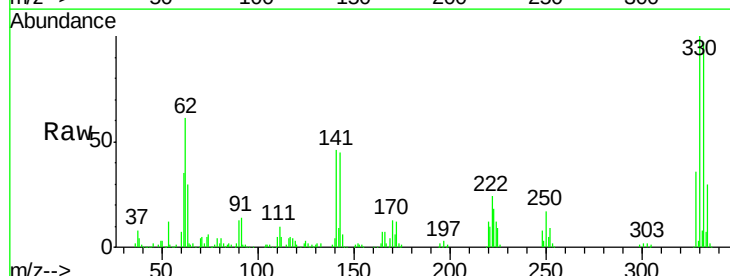


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

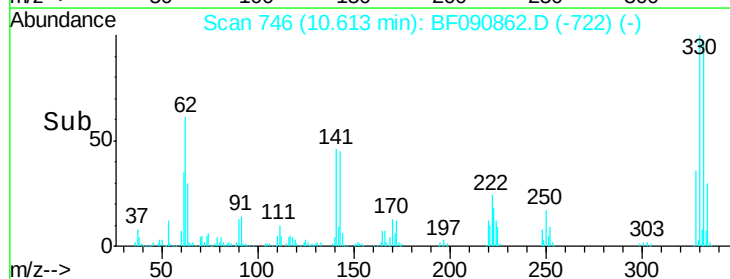
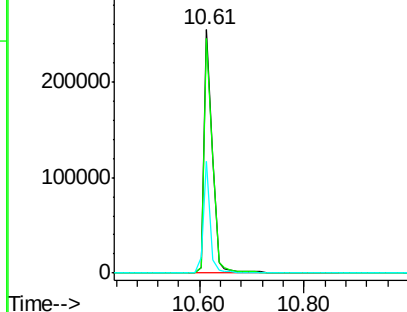


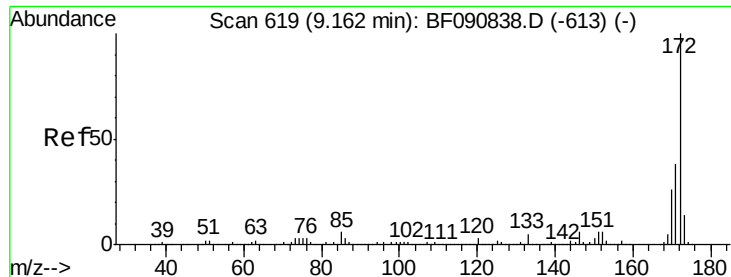
#41
 2,4,6-Tribromophenol
 Concen: 76.28 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

Tgt Ion:330 Resp: 285817
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 38.3 29.7 44.5



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

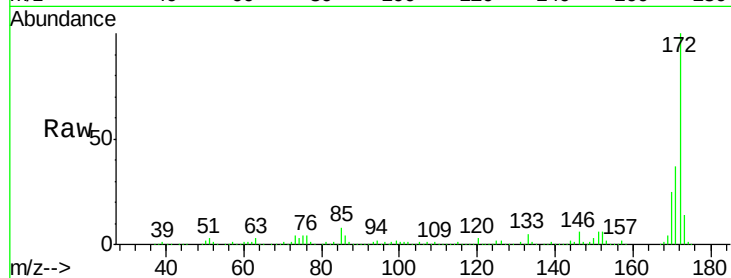




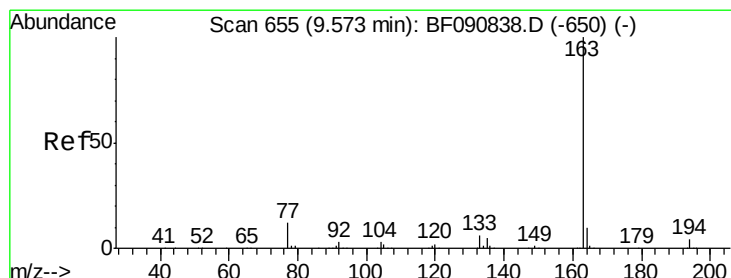
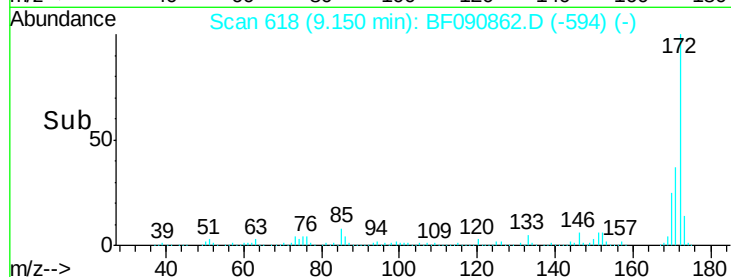
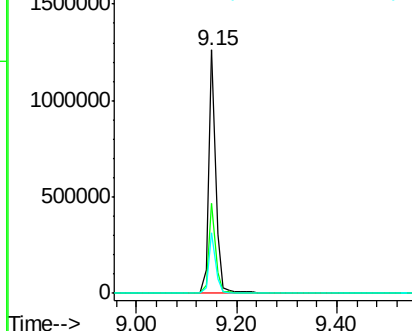
#44
2-Fluorobiphenyl
Concen: 60.02 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF090862.D
Acq: 27 Oct 2016 1:20

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTHRE

Tgt Ion:172 Resp: 1246244
Ion Ratio Lower Upper
172 100
171 36.9 26.1 39.1
170 25.0 17.4 26.2

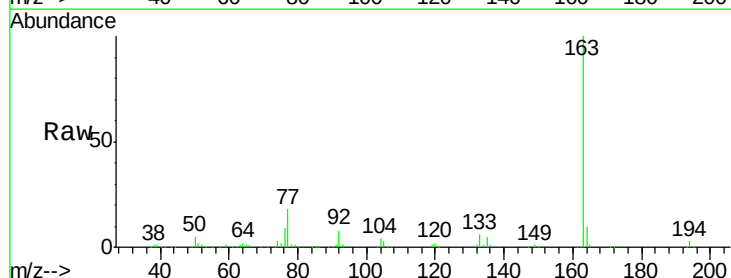


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

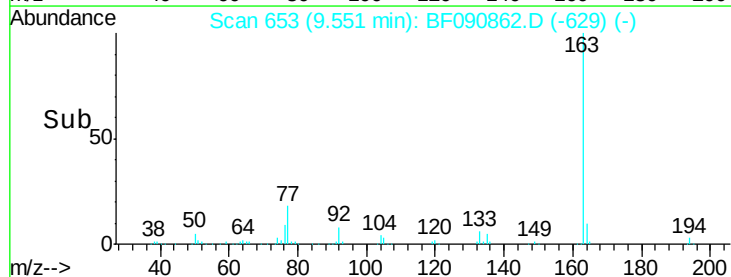
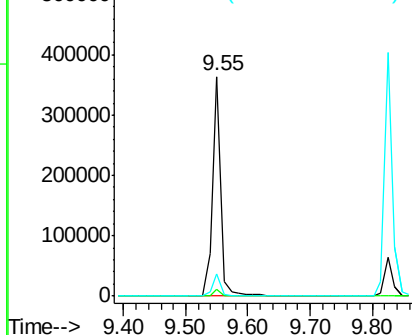


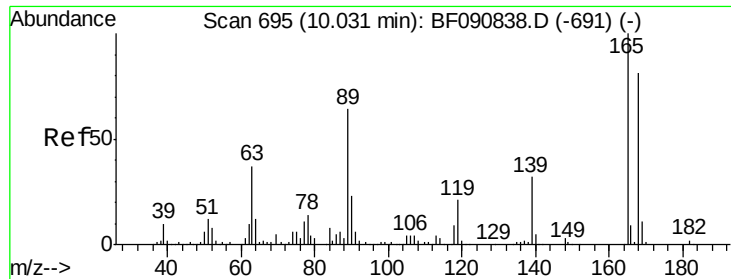
#49
Dimethylphthalate
Concen: 13.71 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090862.D
Acq: 27 Oct 2016 1:20

Tgt Ion:163 Resp: 333978
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.0 8.3 12.5



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

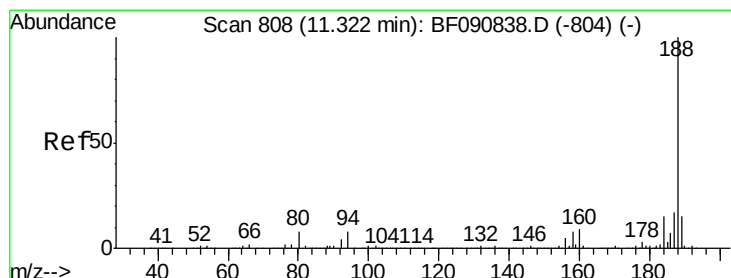
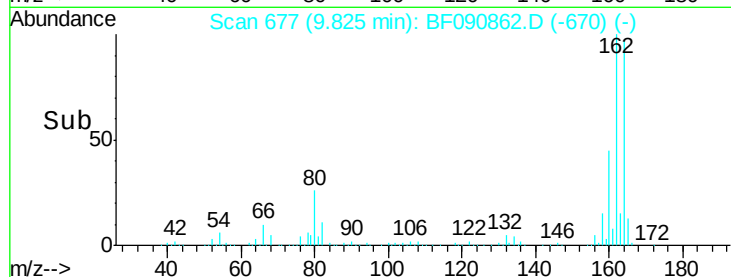
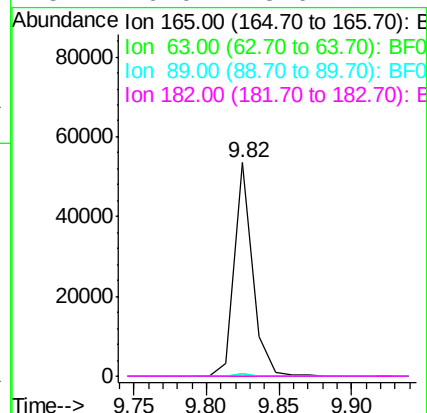
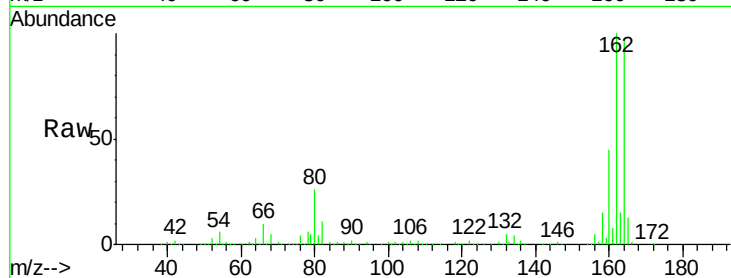




#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

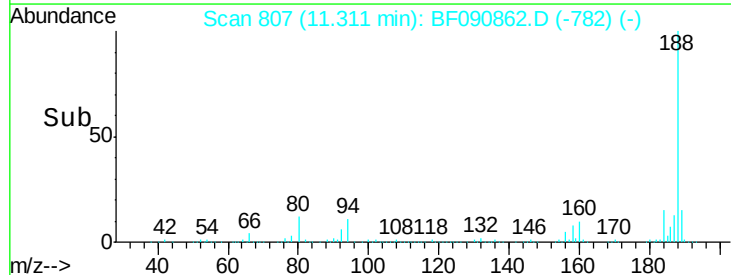
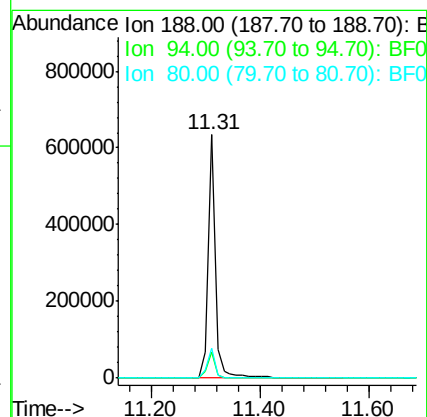
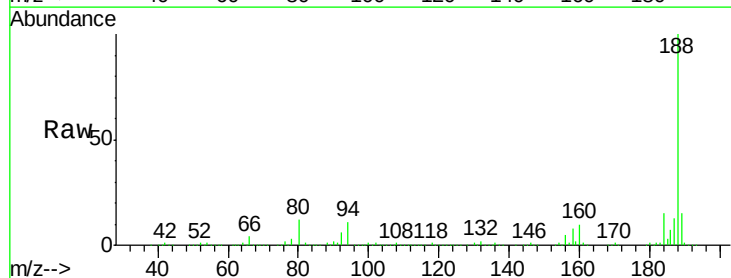
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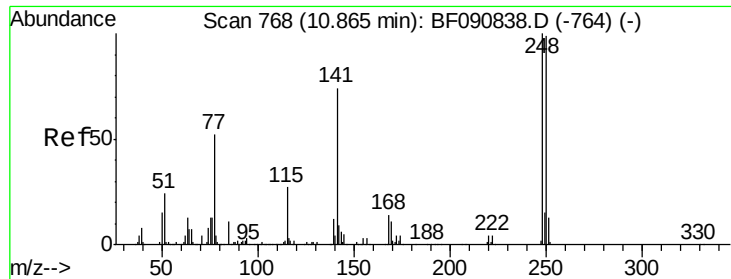
Tgt Ion:	165	Resp:	47117
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

Tgt Ion:	188	Resp:	589799
Ion Ratio	Lower	Upper	
188	100		
94	11.0	11.1	16.7#
80	12.2	11.0	16.4

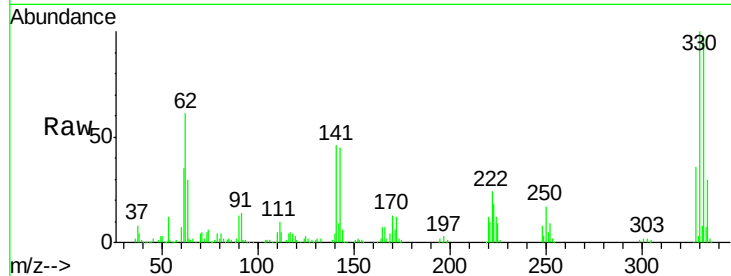




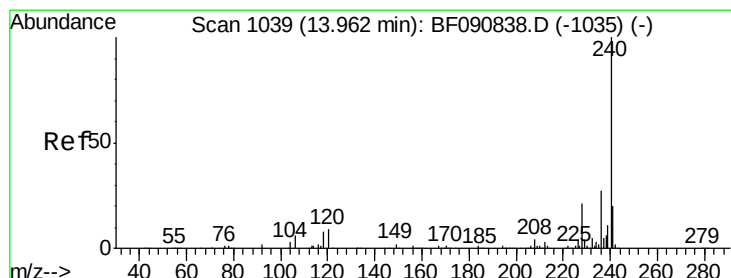
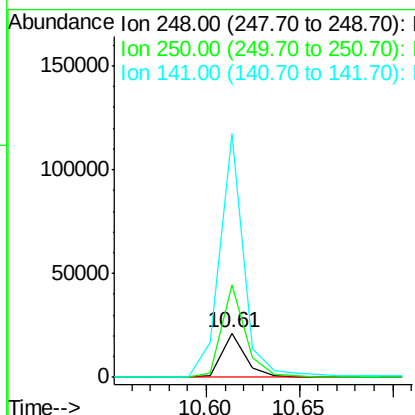
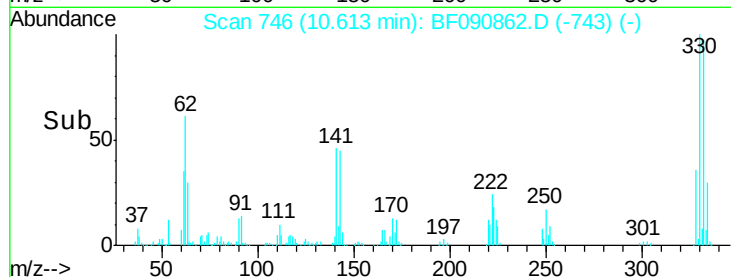
#66
 4-Bromophenyl-phenylether
 Concen: 2.98 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.26 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTHRE

Tgt Ion:248 Resp: 19245
 Ion Ratio Lower Upper
 248 100
 250 207.6 78.5 117.7#
 141 546.6 59.0 88.6#

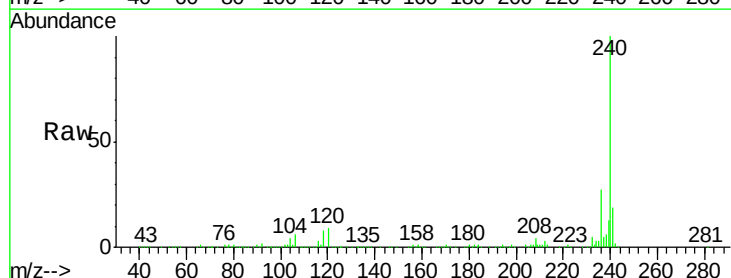


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

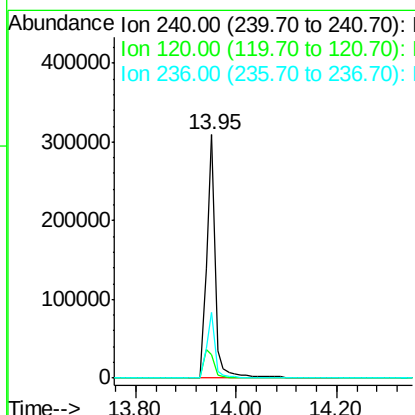
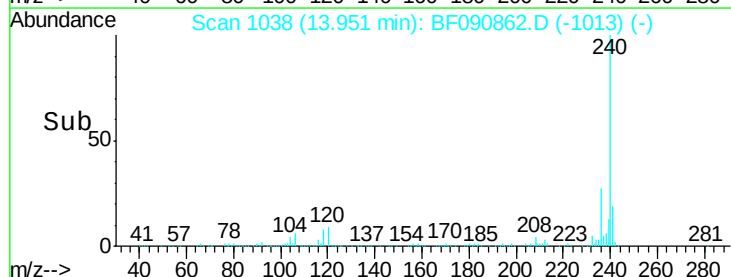


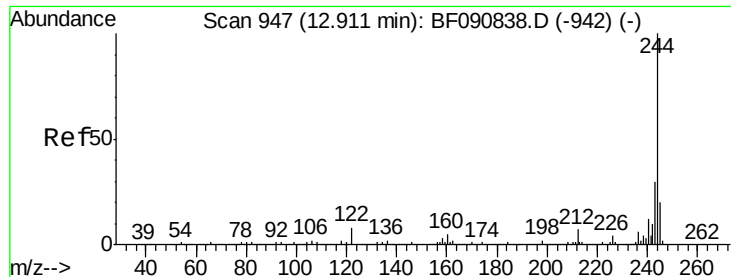
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF090862.D
 Acq: 27 Oct 2016 1:20

Tgt Ion:240 Resp: 367635
 Ion Ratio Lower Upper
 240 100
 120 9.4 16.2 24.2#
 236 26.9 18.4 27.6



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: 79.73 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTHRE

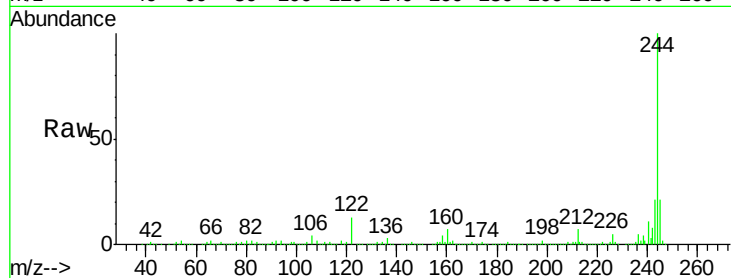
Tgt Ion:244 Resp: 1163474

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

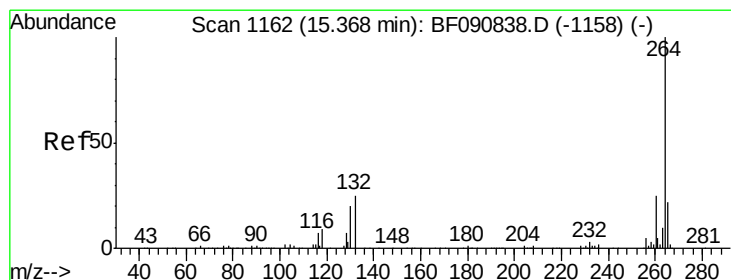
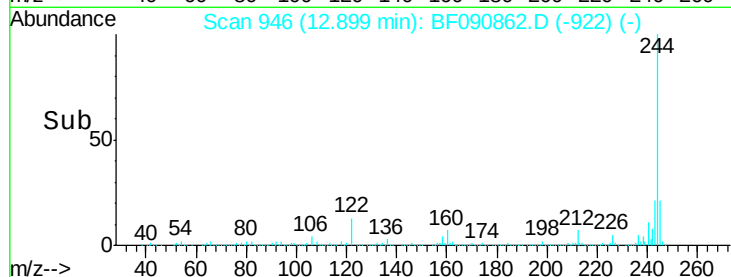
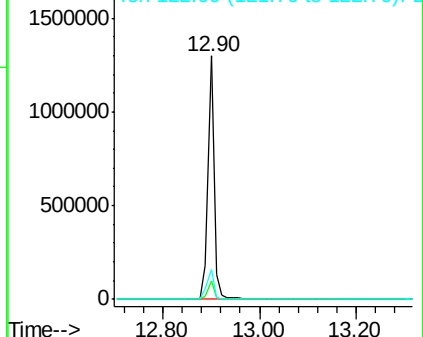
122 12.5 17.4 26.2#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF090862.D

Acq: 27 Oct 2016 1:20

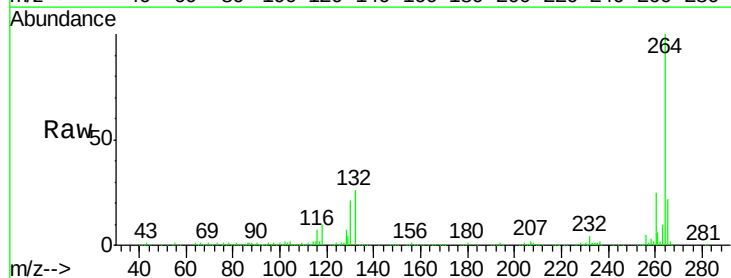
Tgt Ion:264 Resp: 319468

Ion Ratio Lower Upper

264 100

260 25.3 16.7 25.1#

265 22.2 17.2 25.8



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

