

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090037.D
 Acq On : 8 Sep 2016 21:14
 Operator : UM/SJ
 Sample : H4704-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-7.0-8.0

Quant Time: Sep 09 04:38:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

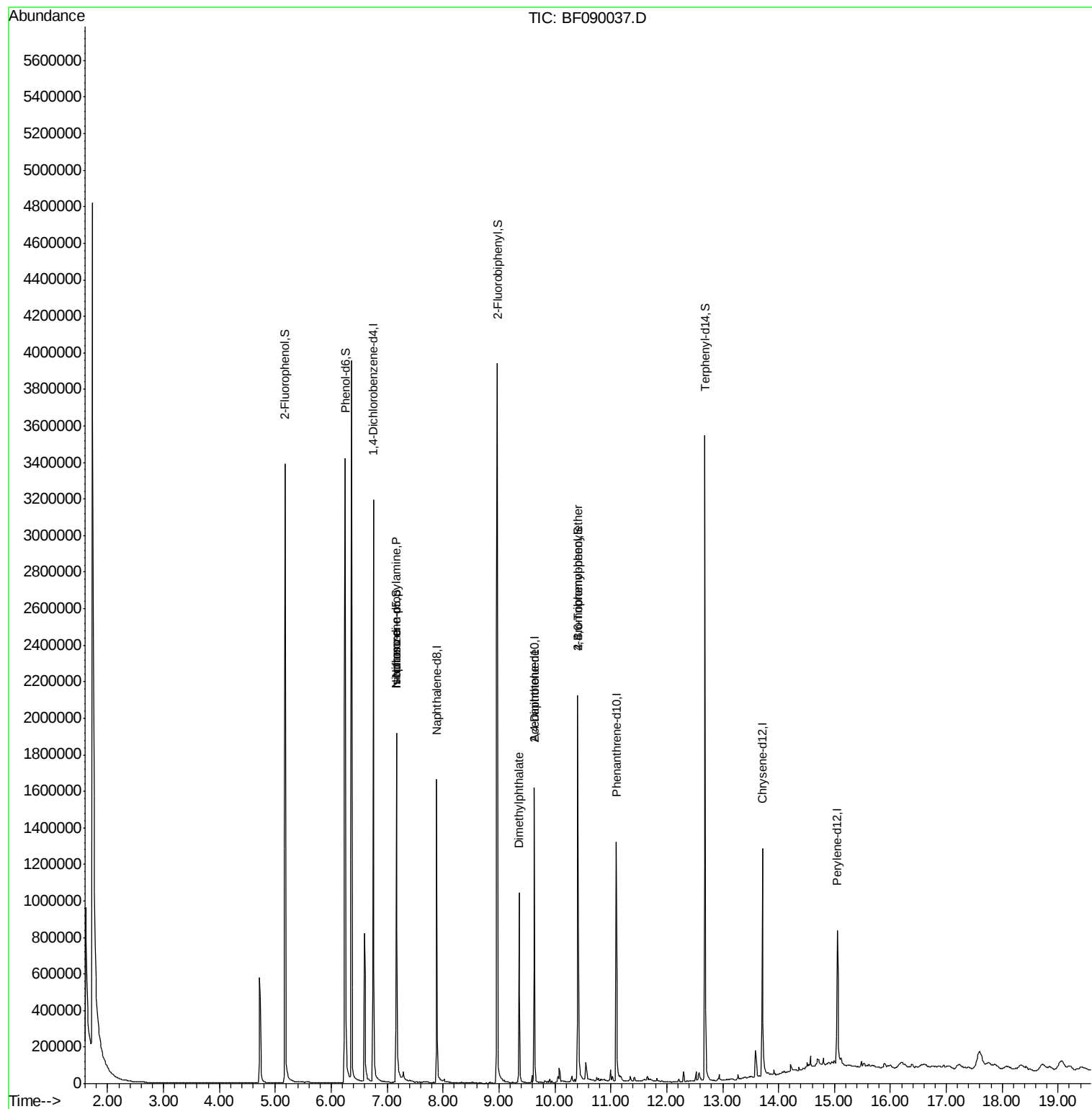
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	511799	20.00	ng	0.15
21) Naphthalene-d8	7.88	136	801479	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	380793	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	614151	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	487958	20.00	ng	-0.01
86) Perylene-d12	15.05	264	383354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1117514	34.95	ng	0.01
7) Phenol-d6	6.25	99	1578591	40.63	ng	0.00
23) Nitrobenzene-d5	7.16	82	824782	59.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	326449	86.90	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1740993	75.05	ng	0.00
78) Terphenyl-d14	12.68	244	1262169	63.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	104422	4.12	ng	# 85
25) Isophorone	7.16	82	757918	26.97	ng	# 65
49) Dimethylphthalate	9.36	163	540378	19.63	ng	100
56) 2,4-Dinitrotoluene	9.63	165	47450	6.11	ng	# 29
66) 4-Bromophenyl-phenylether	10.41	248	20493	3.31	ng	# 1

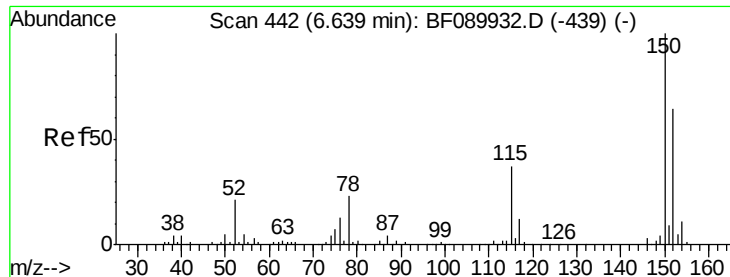
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

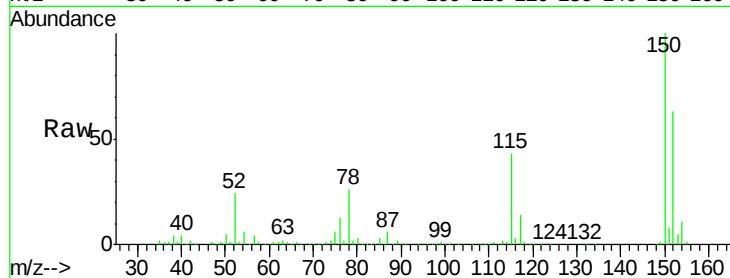
Tgt Ion:152 Resp: 511799

Ion Ratio Lower Upper

152 100

150 160.0 127.4 191.2

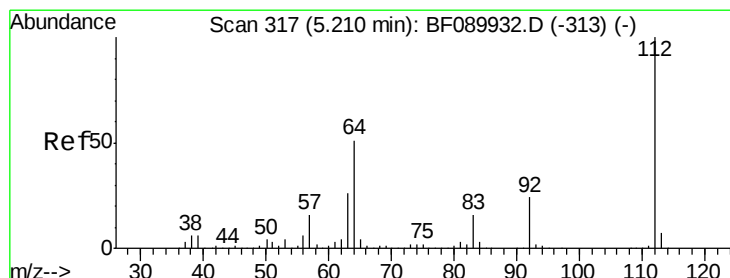
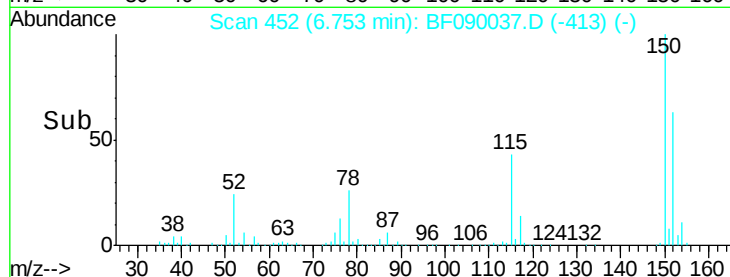
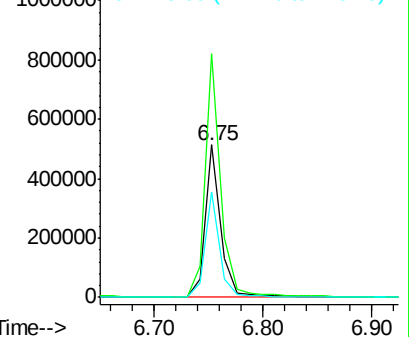
115 69.2 46.3 69.5



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: 34.95 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

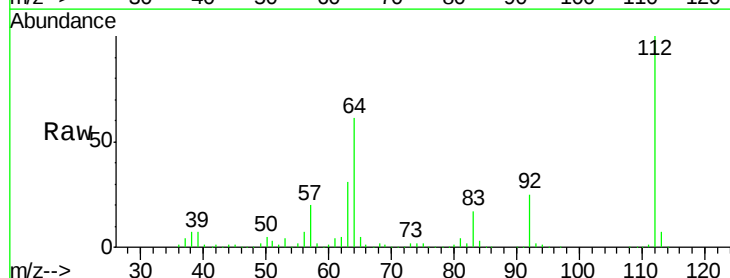
Tgt Ion:112 Resp: 1117514

Ion Ratio Lower Upper

112 100

64 60.7 41.1 61.7

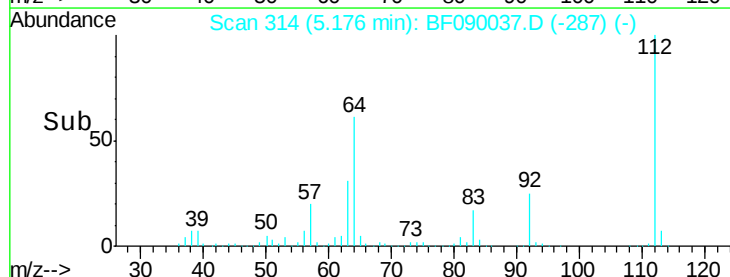
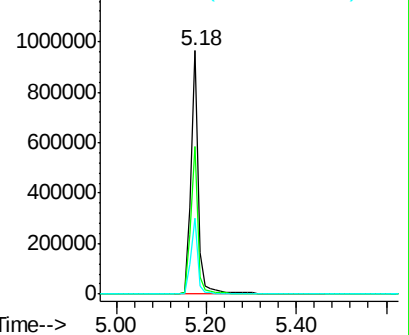
63 31.0 21.2 31.8

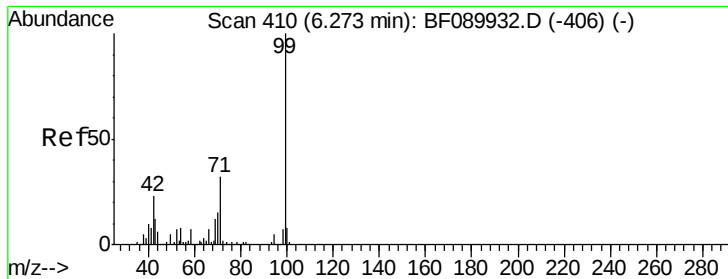


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.63 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

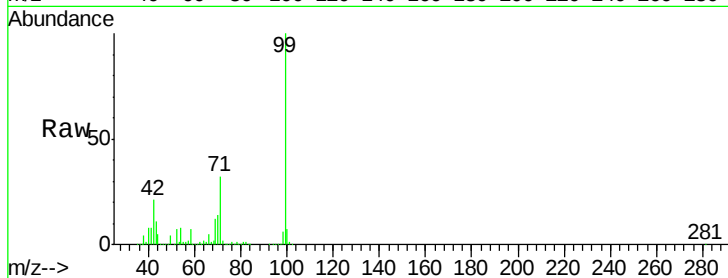
Tgt Ion: 99 Resp: 1578591

Ion Ratio Lower Upper

99 100

42 21.3 18.6 27.8

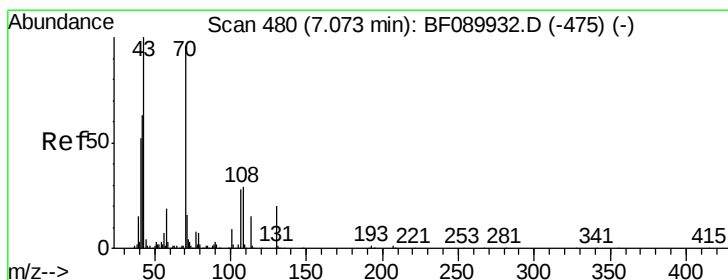
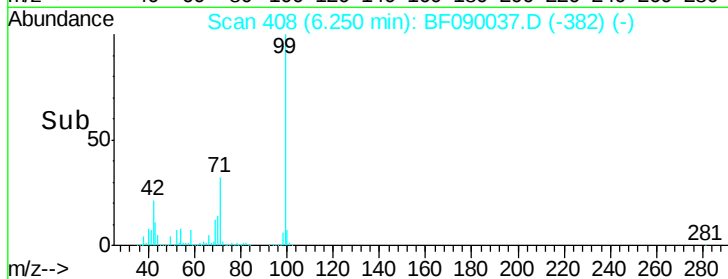
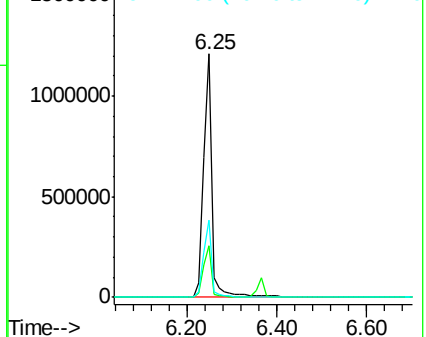
71 31.9 25.8 38.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.12 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Tgt Ion: 70 Resp: 104422

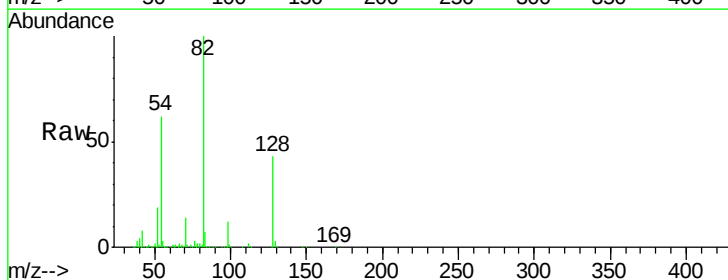
Ion Ratio Lower Upper

70 100

42 60.8 52.1 78.1

101 0.0 7.4 11.2#

130 2.6 17.0 25.4#

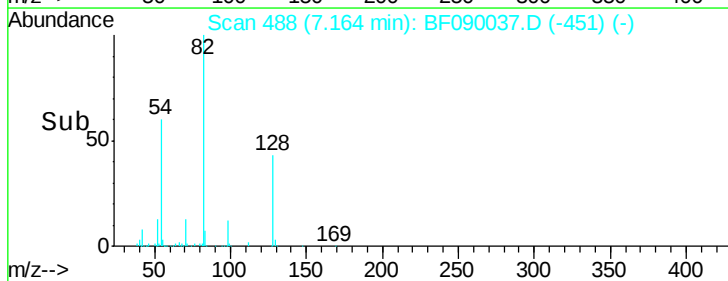
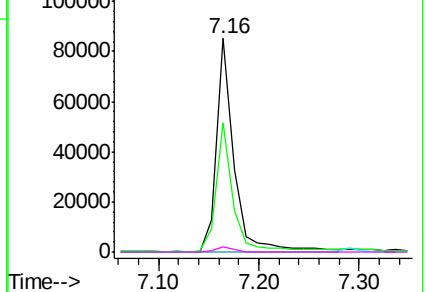


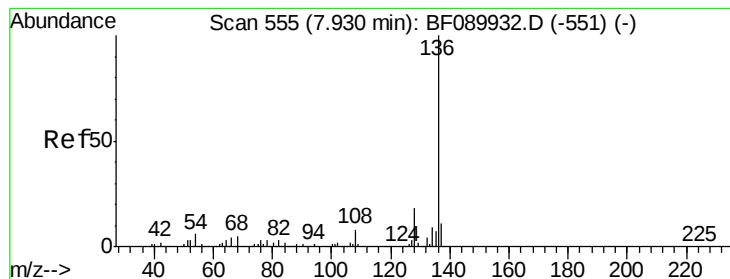
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

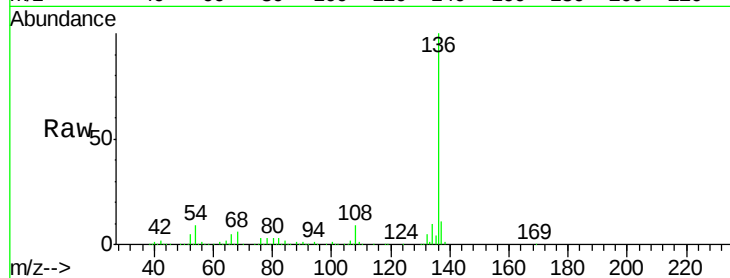
Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

Tgt Ion:	136	Resp:	801479
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	9.0	4.8	7.2#
68	6.1	3.7	5.5#

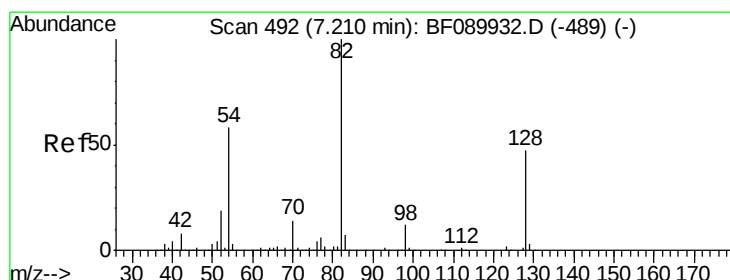
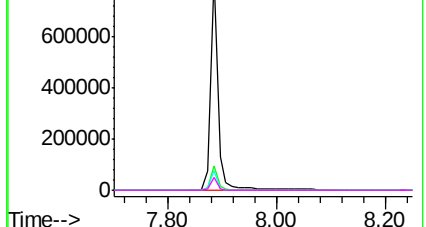
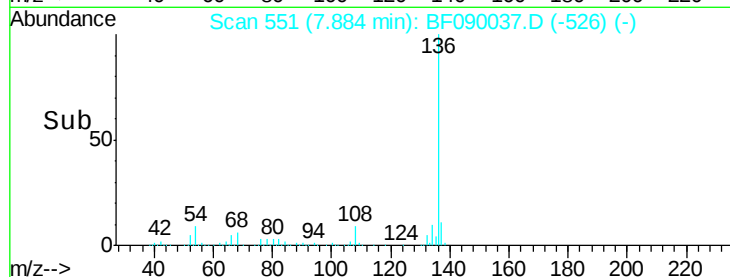


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.68 ng

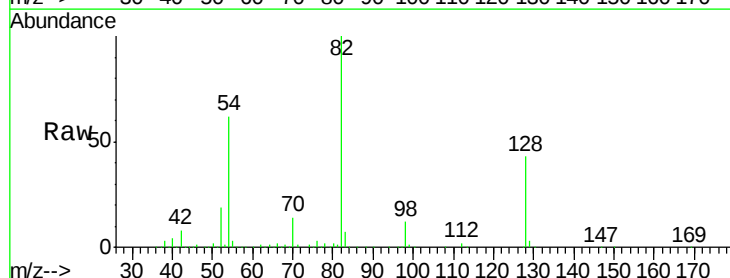
RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

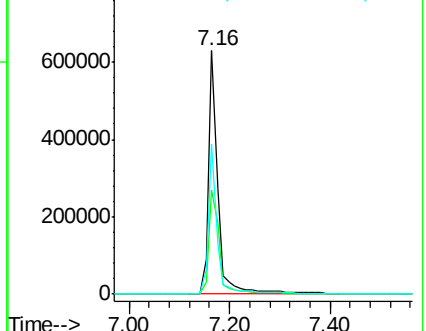
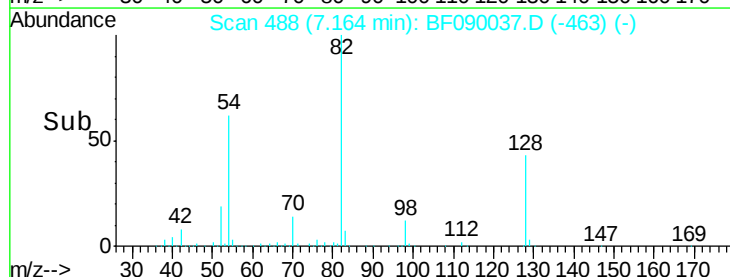
Tgt Ion:	82	Resp:	824782
Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.8	56.8
54	61.7	46.9	70.3

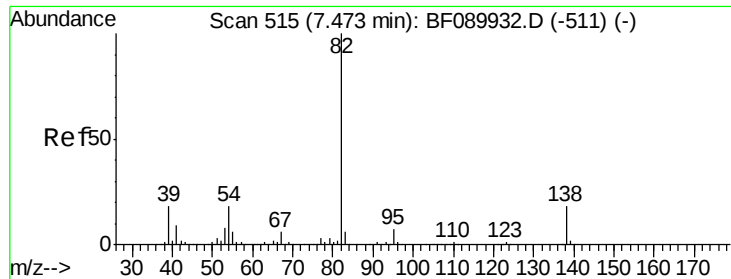


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.97 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

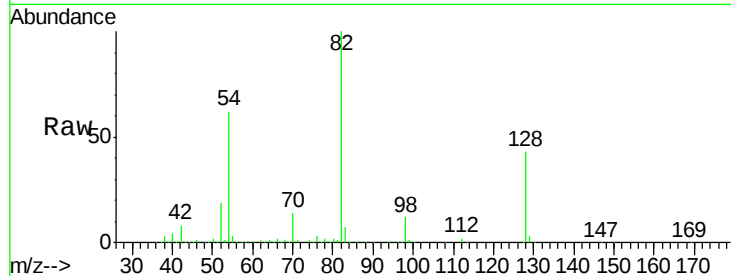
Tgt Ion: 82 Resp: 757918

Ion Ratio Lower Upper

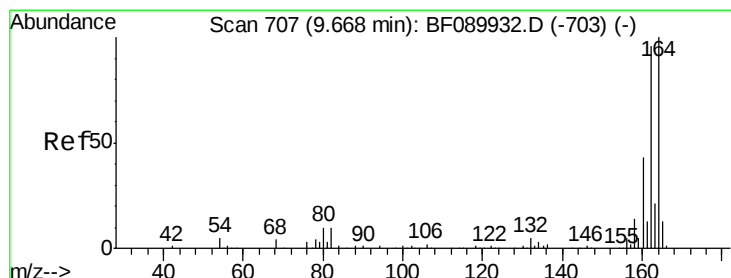
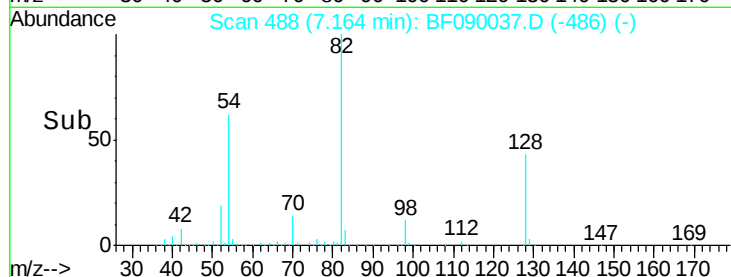
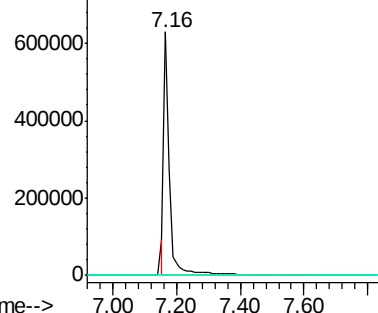
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

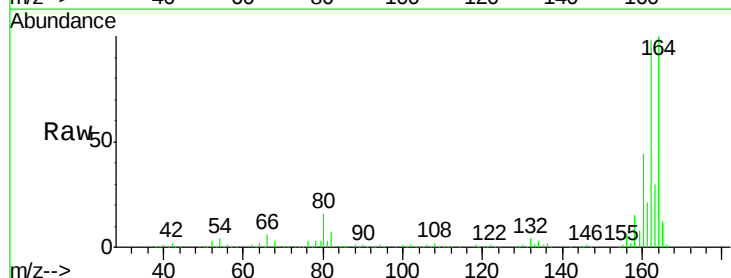
Tgt Ion: 164 Resp: 380793

Ion Ratio Lower Upper

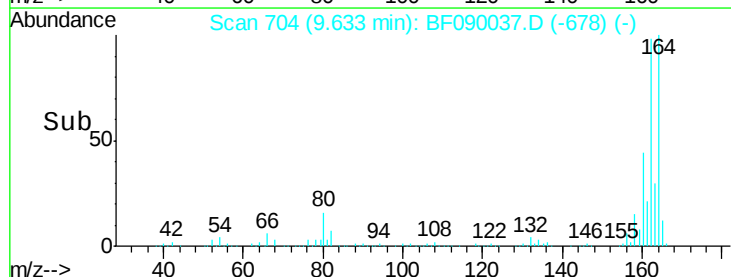
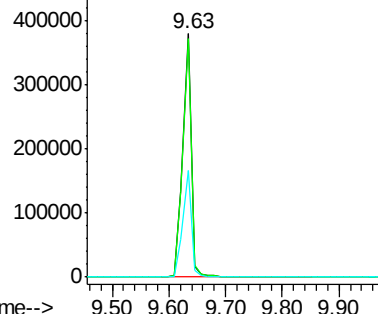
164 100

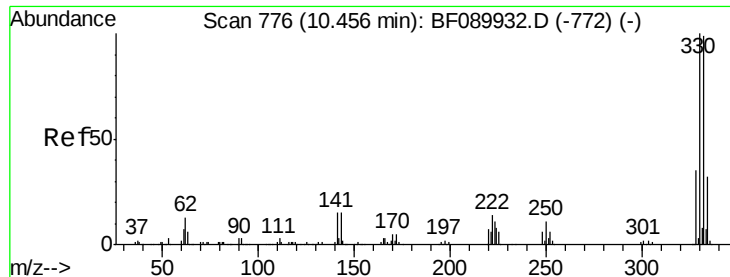
162 98.0 77.1 115.7

160 43.7 35.3 52.9



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

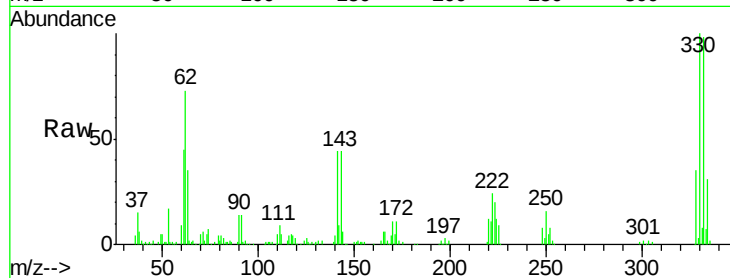




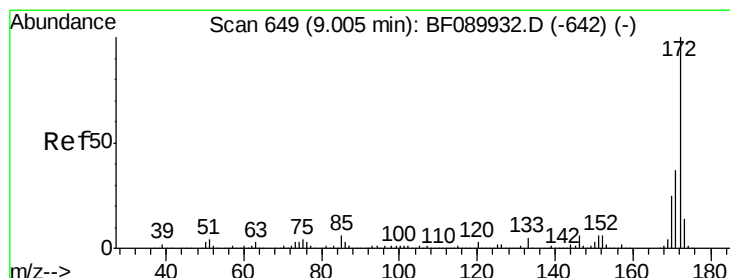
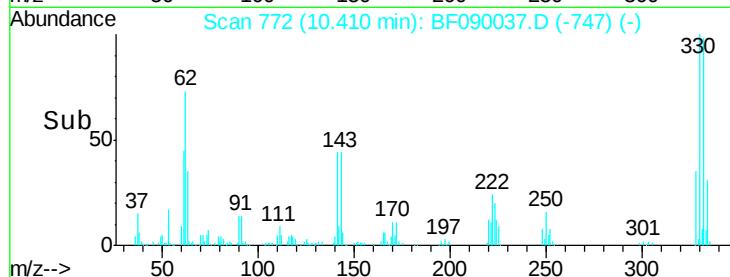
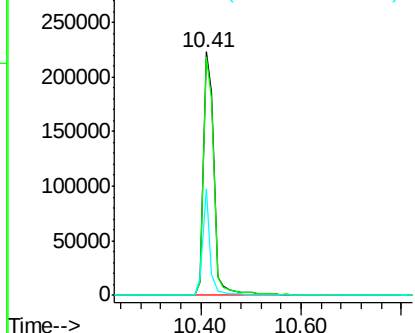
#41
 2,4,6-Tribromophenol
 Concen: 86.90 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090037.D
 Acq: 8 Sep 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-7.0-8.0

Tgt Ion:330 Resp: 326449
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 30.8 23.3 34.9

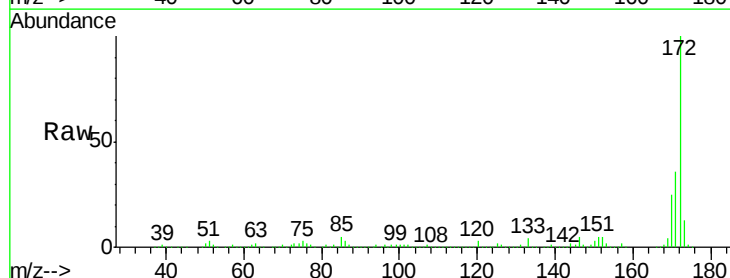


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

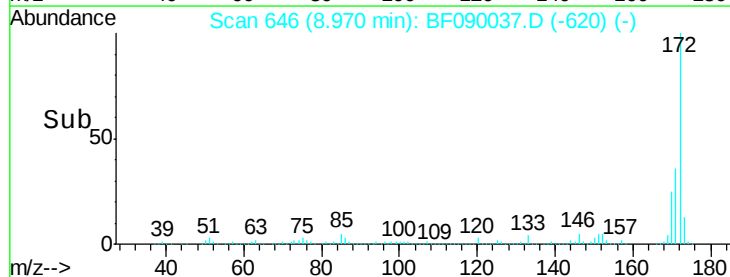
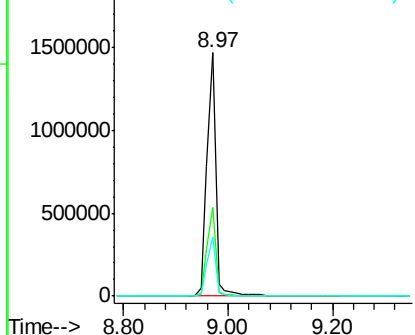


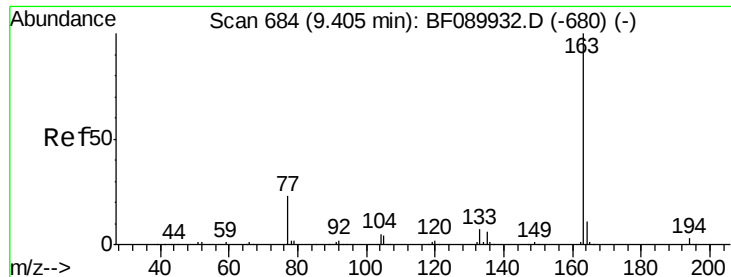
#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090037.D
 Acq: 8 Sep 2016 21:14

Tgt Ion:172 Resp: 1740993
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.5 20.1 30.1



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: 19.63 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

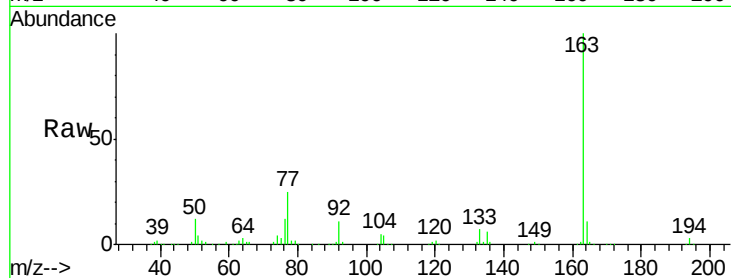
Tgt Ion:163 Resp: 540378

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

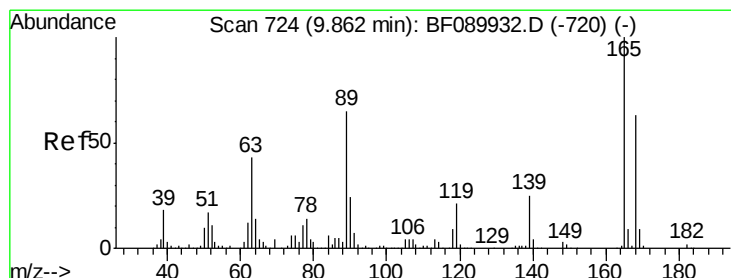
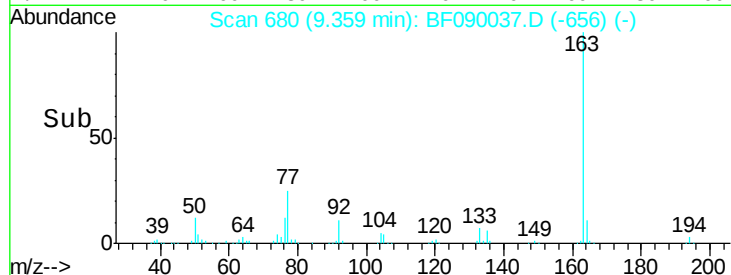
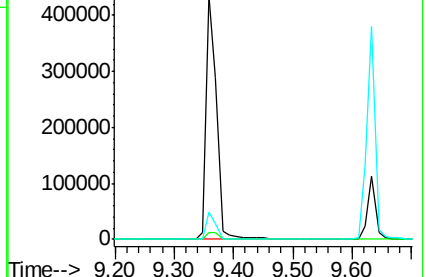
164 11.1 9.0 13.4



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: 6.11 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.19 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Tgt Ion:165 Resp: 47450

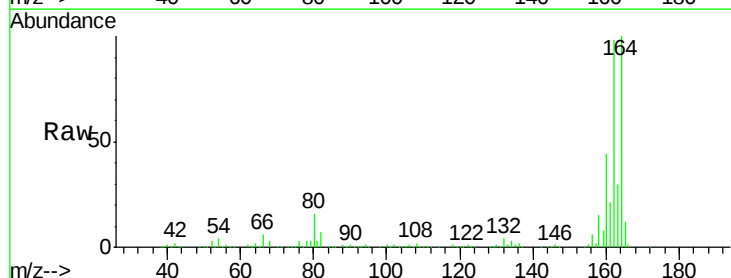
Ion Ratio Lower Upper

165 100

63 0.9 32.5 48.7#

89 1.6 48.3 72.5#

182 0.0 1.7 2.5#

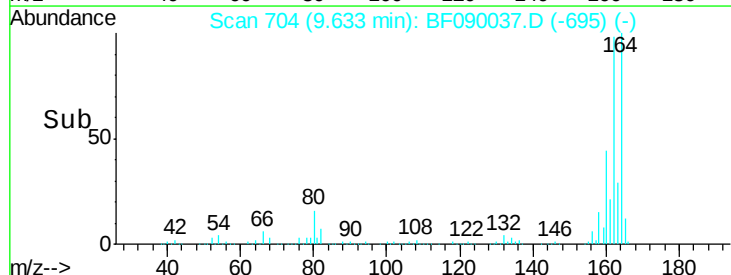
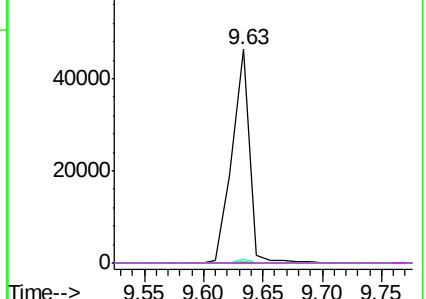


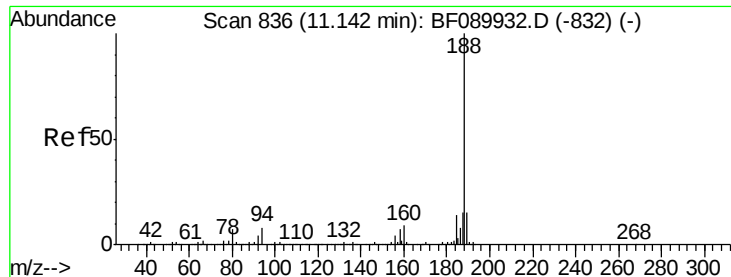
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

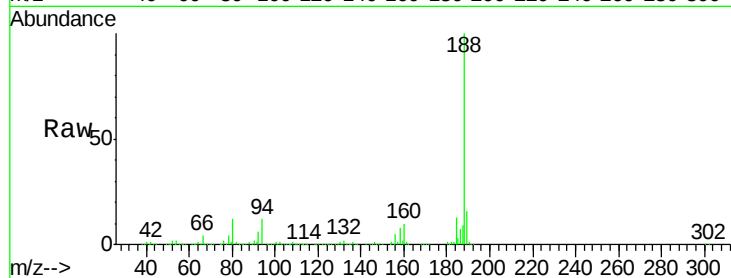
Tgt Ion:188 Resp: 614151

Ion Ratio Lower Upper

188 100

94 11.7 5.9 8.9#

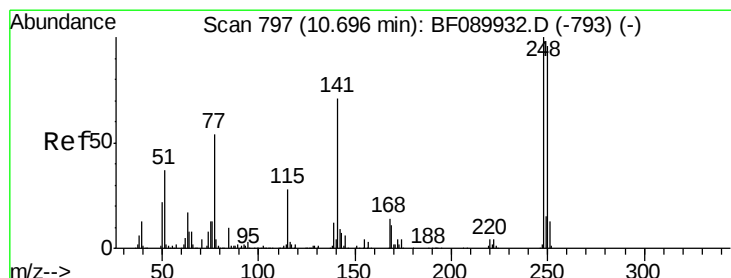
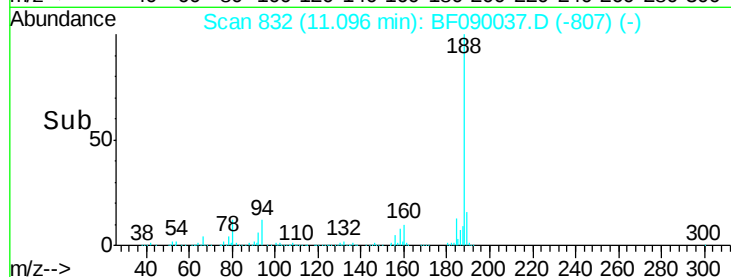
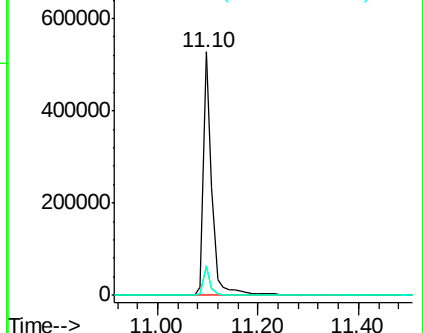
80 12.3 5.8 8.8#



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: 3.31 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

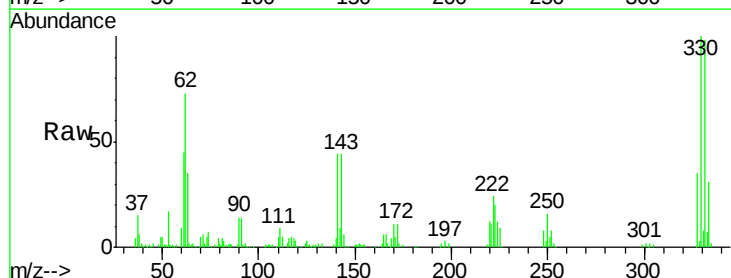
Tgt Ion:248 Resp: 20493

Ion Ratio Lower Upper

248 100

250 205.4 77.3 115.9#

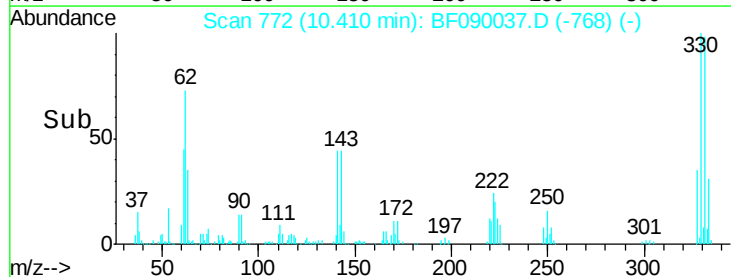
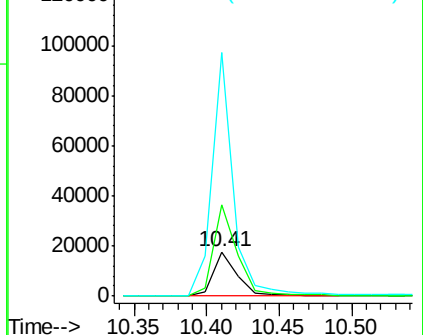
141 548.7 55.8 83.8#

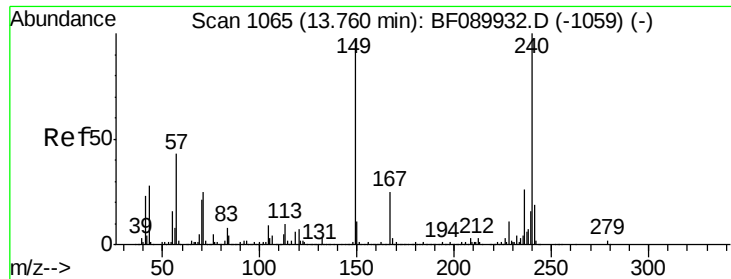


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-8-7.0-8.0

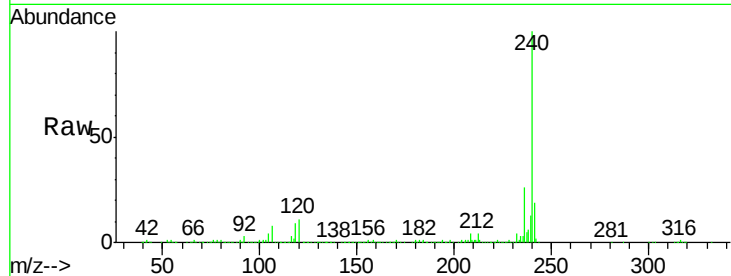
Tgt Ion:240 Resp: 487958

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

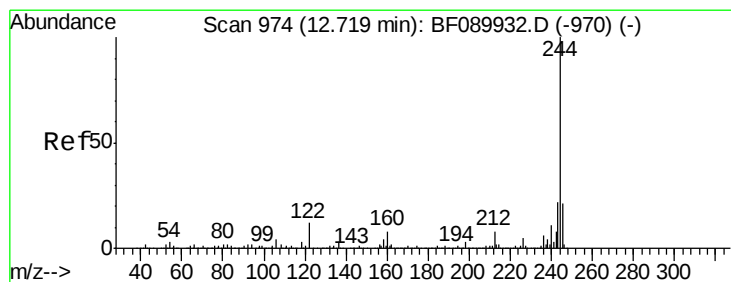
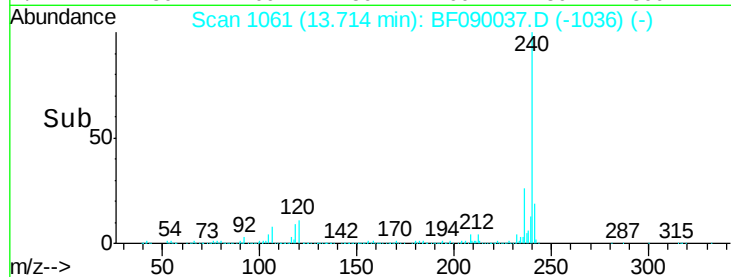
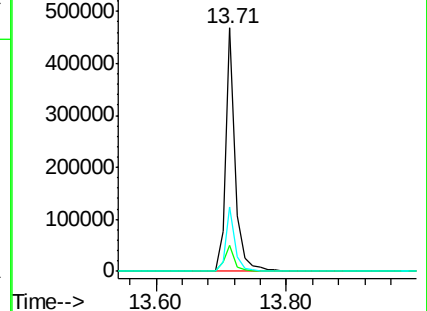
236 26.4 21.3 31.9



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: 63.90 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF090037.D

Acq: 8 Sep 2016 21:14

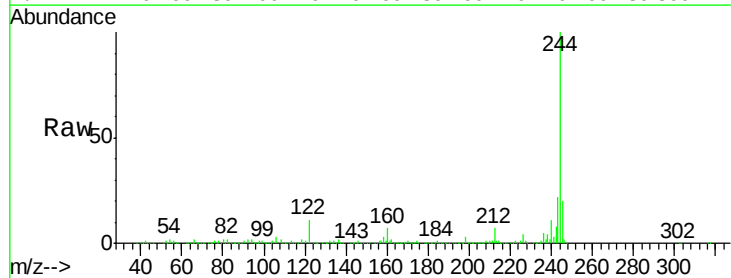
Tgt Ion:244 Resp: 1262169

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

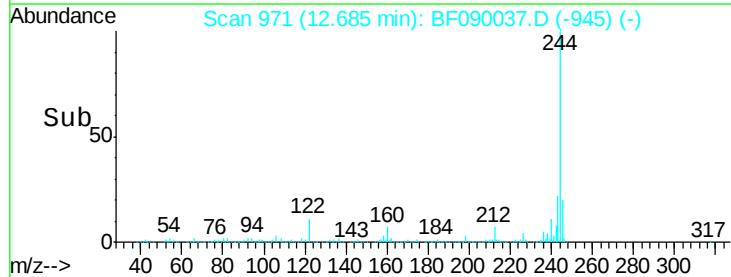
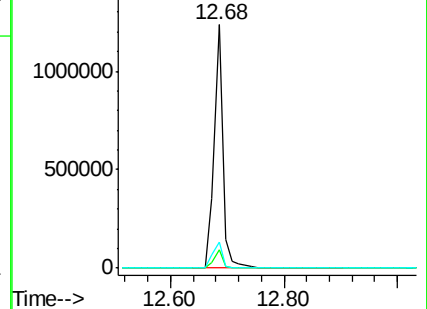
122 10.5 9.6 14.4

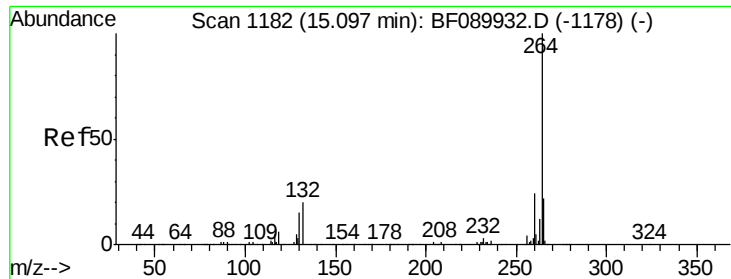


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

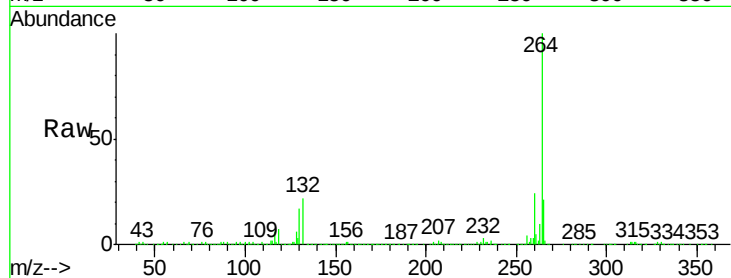




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090037.D
Acq: 8 Sep 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-8-7.0-8.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.4	26.2



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

