

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090977.D
 Acq On : 2 Nov 2016 14:08
 Operator : UM/SJ
 Sample : H5502-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-89-1.5-2.0

Quant Time: Nov 02 23:08:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

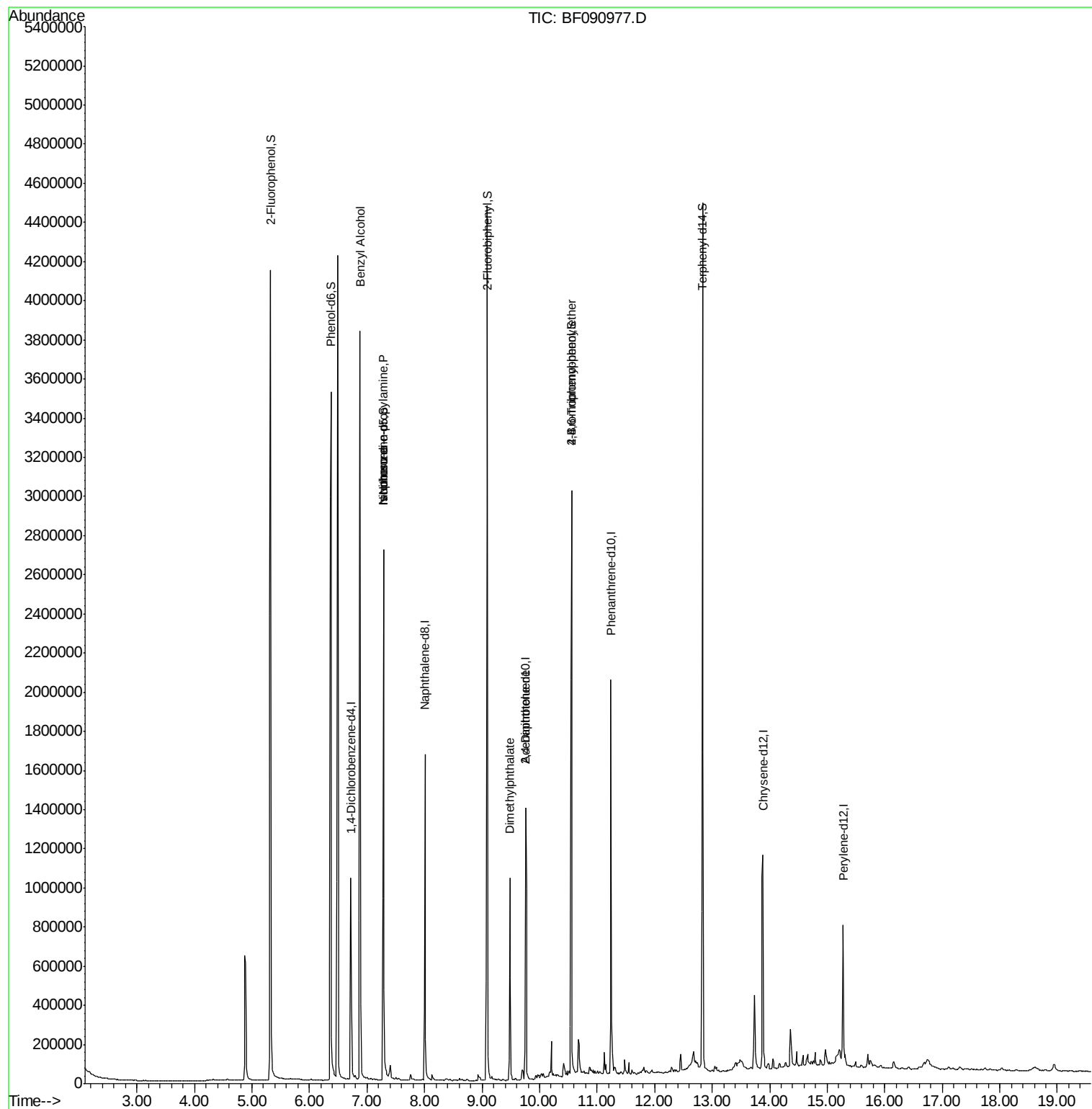
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168136	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	763747	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	389918	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	682411	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	508002	20.00	ng	-0.02
86) Perylene-d12	15.28	264	347232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1374685	142.95	ng	-0.01
7) Phenol-d6	6.37	99	1897668	146.27	ng	-0.02
23) Nitrobenzene-d5	7.29	82	1108316	95.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	493950	123.27	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1837262	82.74	ng	-0.02
78) Terphenyl-d14	12.83	244	1579135	78.32	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.88	79	20196	2.37	ng	# 32
19) n-Nitroso-di-n-propylamine	7.29	70	154653	20.62	ng	# 54
25) Isophorone	7.29	82	849615	35.88	ng	# 58
49) Dimethylphthalate	9.48	163	497750	19.11	ng	# 97
56) 2,4-Dinitrotoluene	9.76	165	50024	7.00	ng	# 33
66) 4-Bromophenyl-phenylether	10.56	248	34805	4.66	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: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SB-89-1.5-2.0

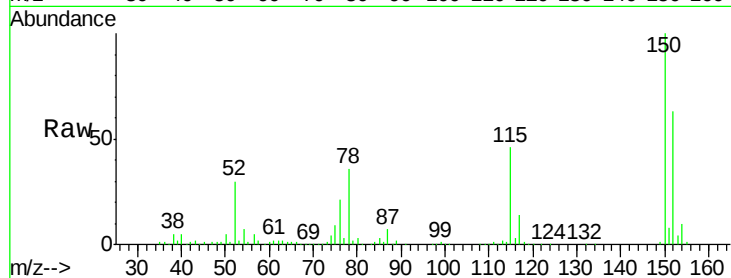
Tgt Ion:152 Resp: 168136

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

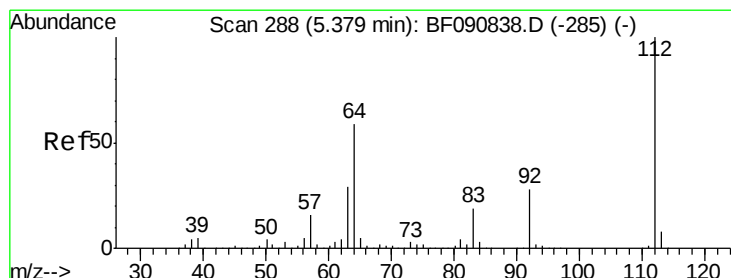
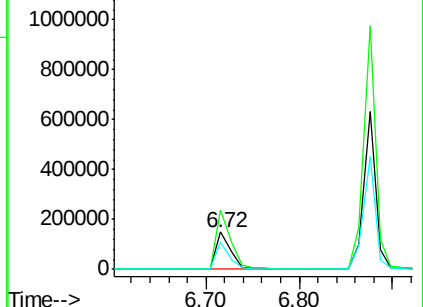
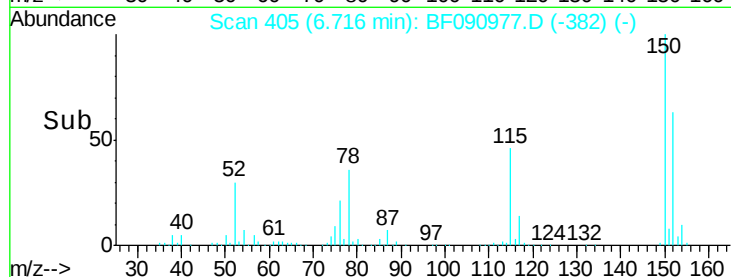
115 73.8 39.0 58.4#



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: 142.95 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

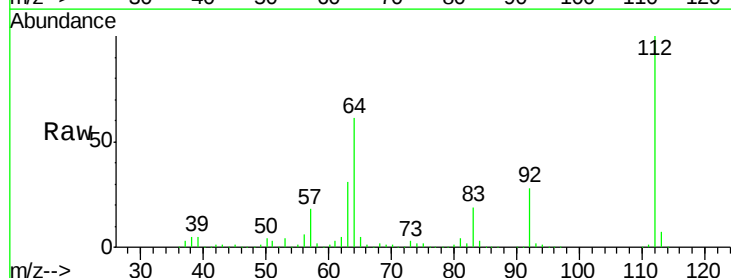
Tgt Ion:112 Resp: 1374685

Ion Ratio Lower Upper

112 100

64 60.9 39.7 59.5#

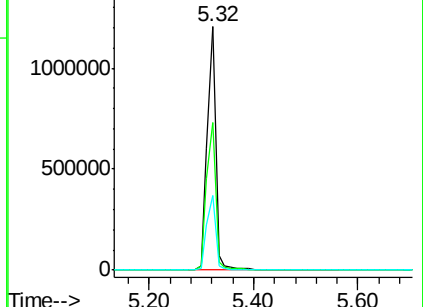
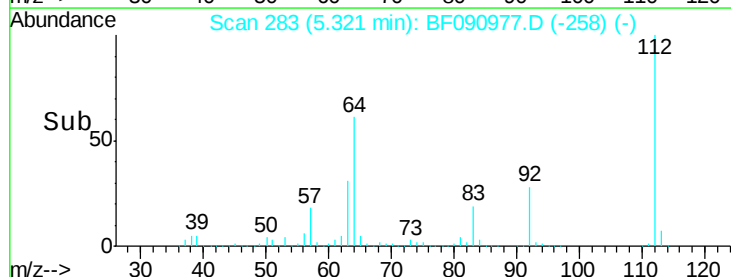
63 30.7 17.4 26.0#



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: 146.27 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SB-89-1.5-2.0

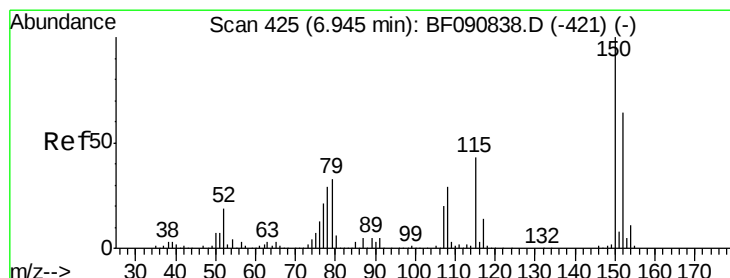
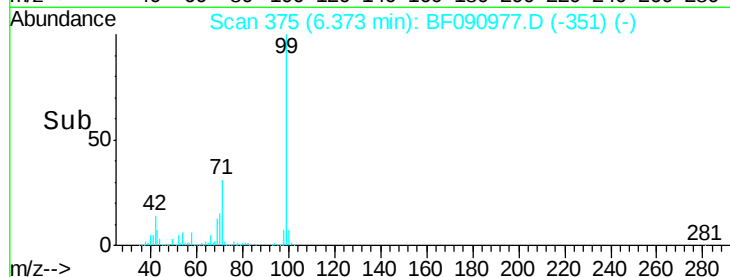
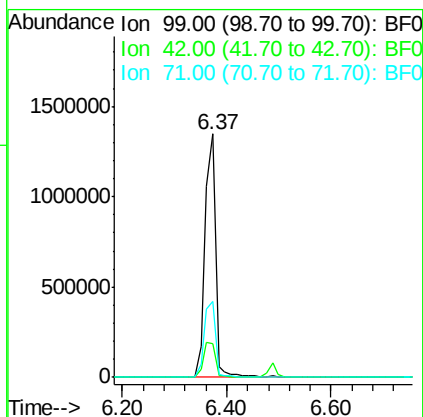
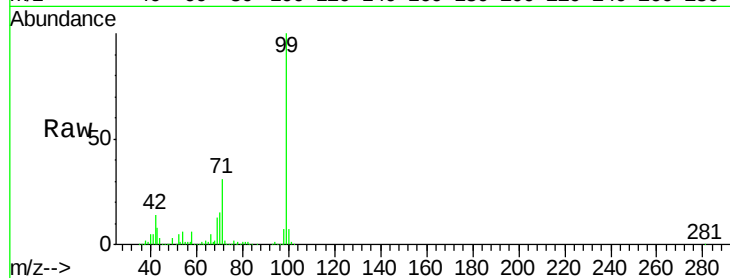
Tgt Ion: 99 Resp: 1897668

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

71 31.4 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

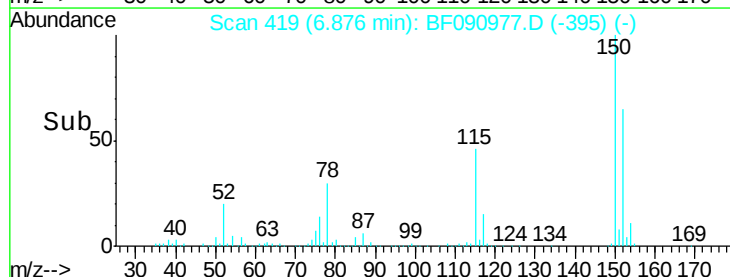
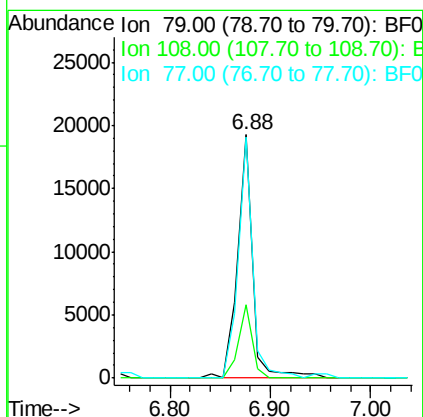
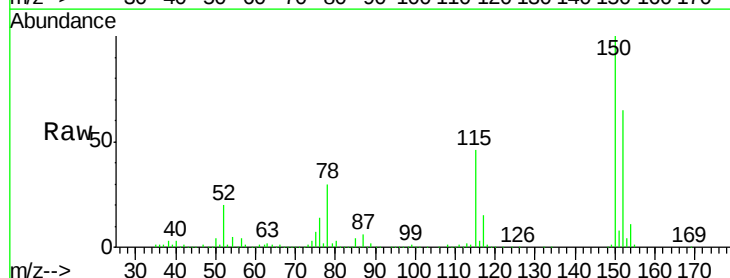
Tgt Ion: 79 Resp: 20196

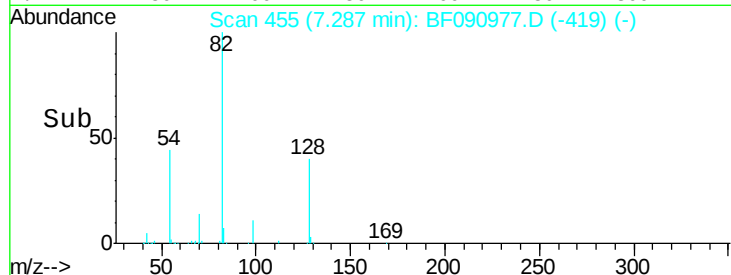
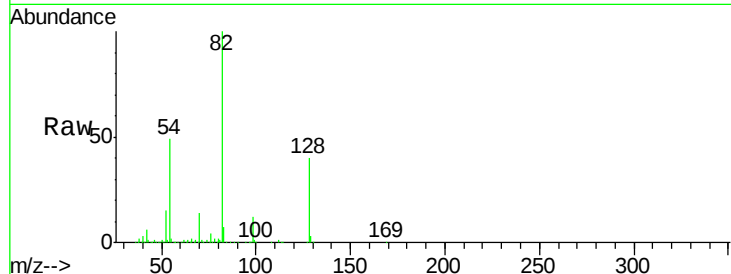
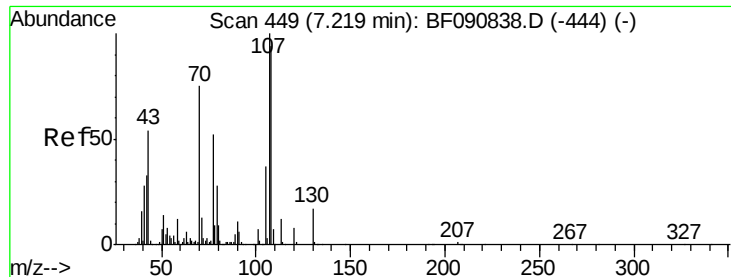
Ion Ratio Lower Upper

79 100

108 30.0 88.6 132.8#

77 99.0 47.0 70.4#

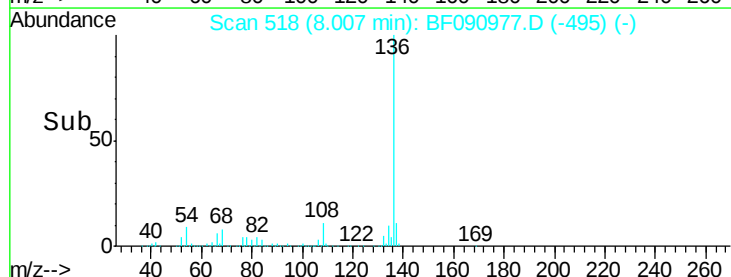
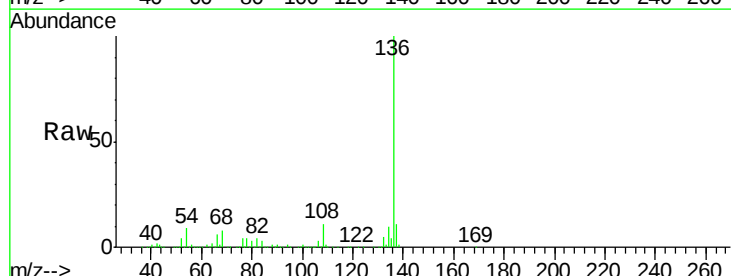
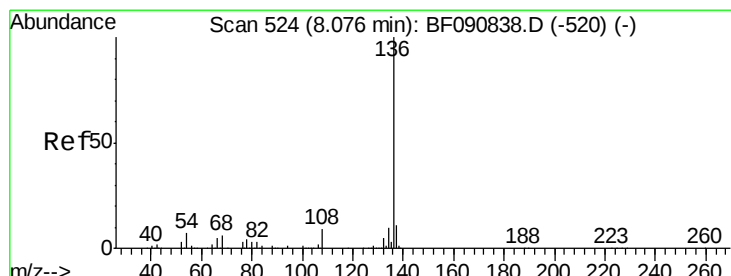
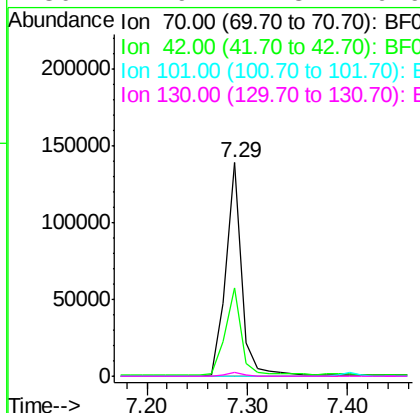




#19
n-Nitroso-di-n-propylamine
Concen: 20.62 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090977.D
Acq: 2 Nov 2016 14:08

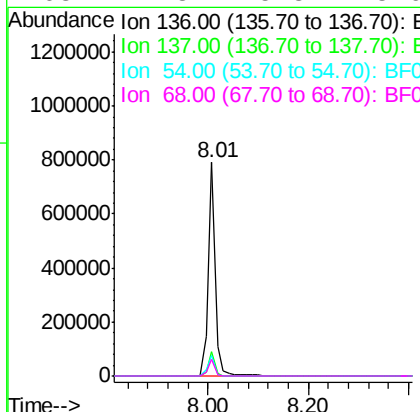
Instrument :
BNA_F
ClientSampleId :
SB-89-1.5-2.0

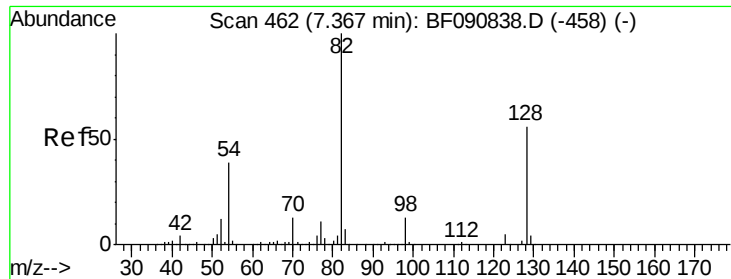
Tgt Ion: 70 Resp: 154653
Ion Ratio Lower Upper
70 100
42 41.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090977.D
Acq: 2 Nov 2016 14:08

Tgt Ion: 136 Resp: 763747
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.3 8.2 12.2
68 7.8 5.8 8.6

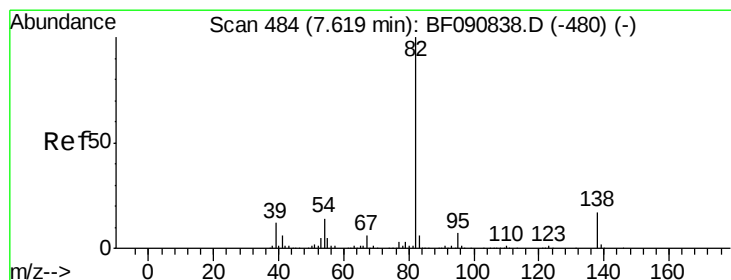
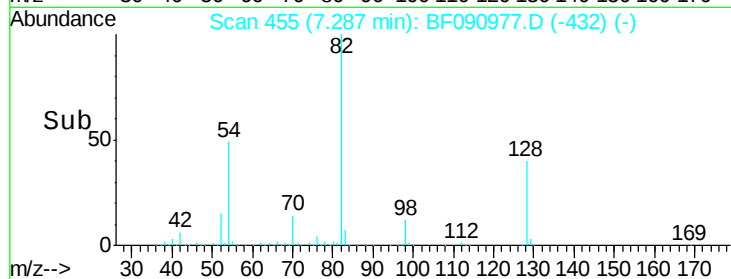
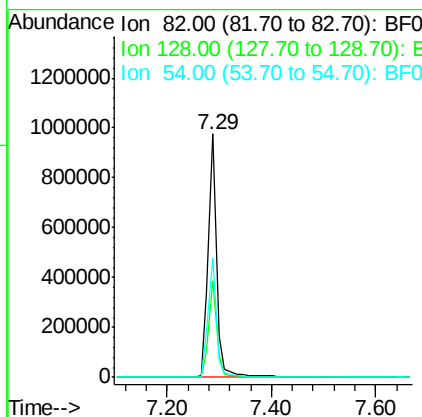
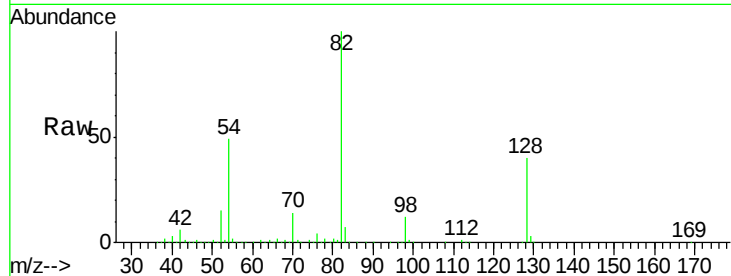




#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

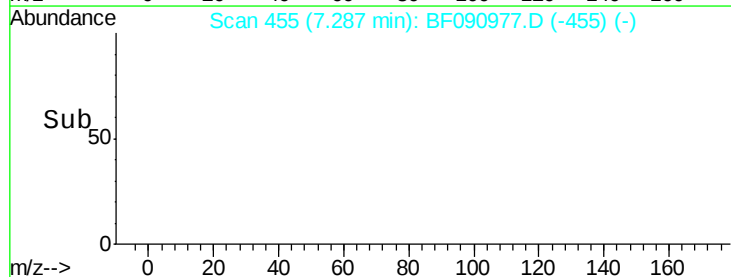
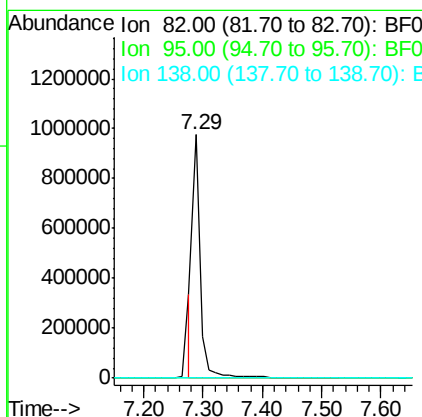
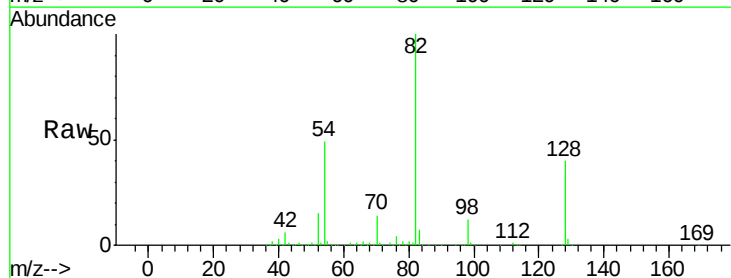
Instrument :
 BNA_F
 ClientSampleId :
 SB-89-1.5-2.0

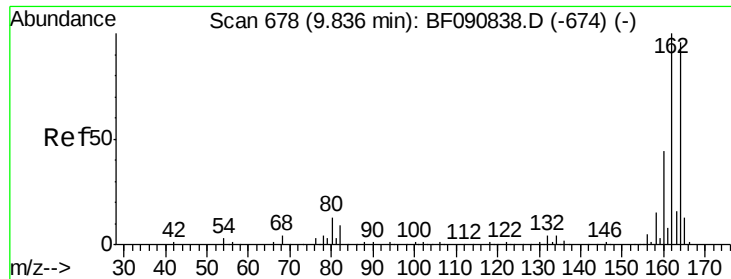
Tgt Ion: 82 Resp: 1108316
 Ion Ratio Lower Upper
 82 100
 128 39.7 51.0 76.6#
 54 49.1 47.5 71.3



#25
 Isophorone
 Concen: 35.88 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.30 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

Tgt Ion: 82 Resp: 849615
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SB-89-1.5-2.0

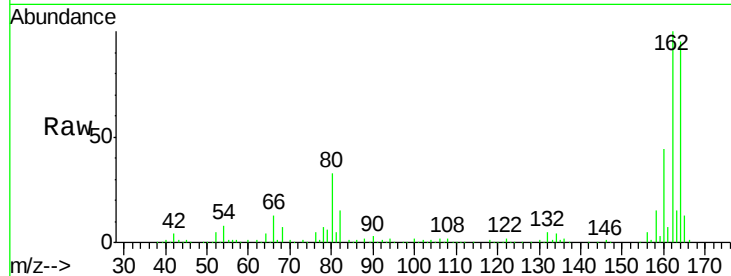
Tgt Ion:164 Resp: 389918

Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

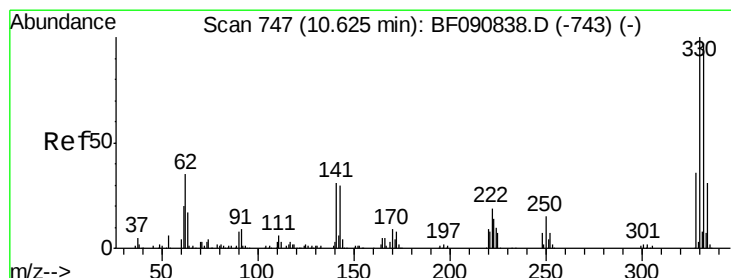
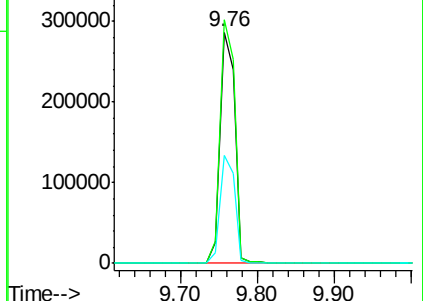
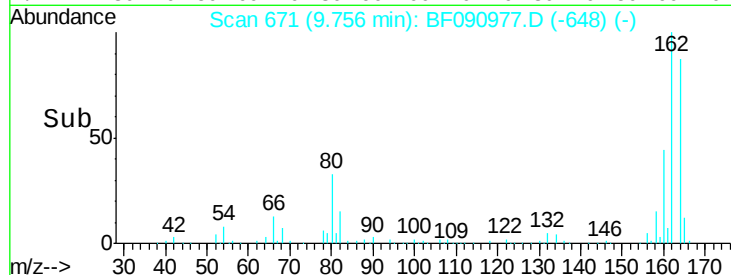
160 46.5 31.5 47.3



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: 123.27 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

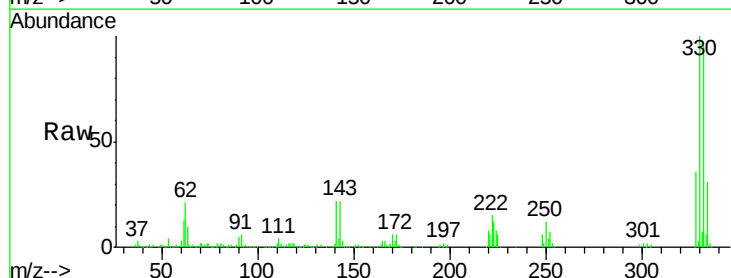
Tgt Ion:330 Resp: 493950

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

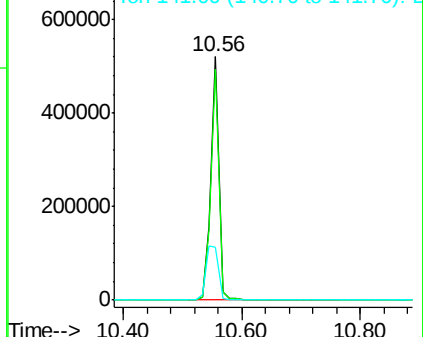
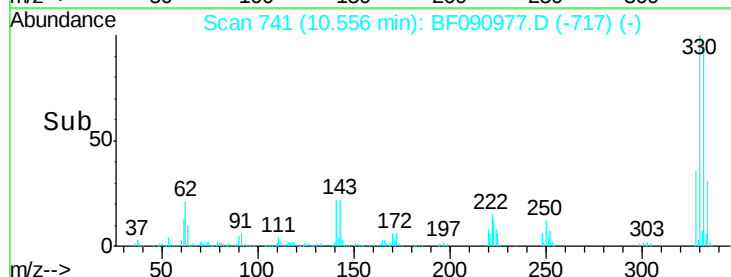
141 35.3 29.7 44.5

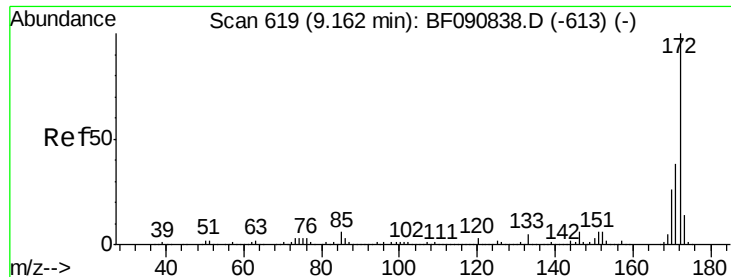


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

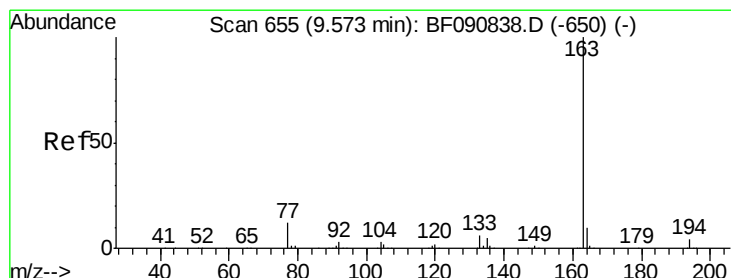
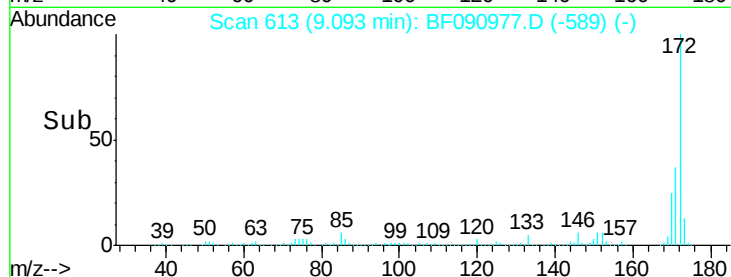
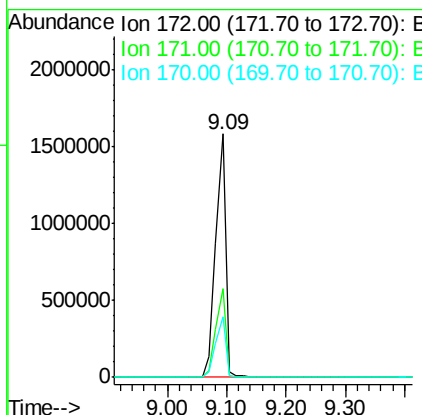
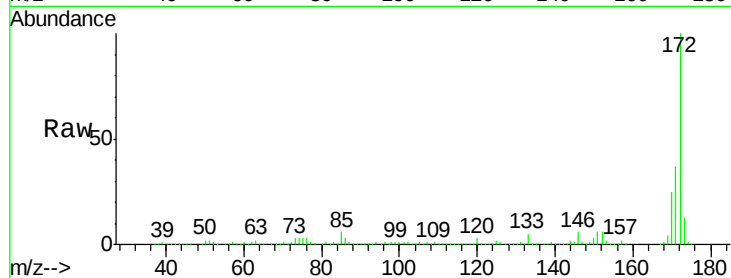




#44
 2-Fluorobiphenyl
 Concen: 82.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

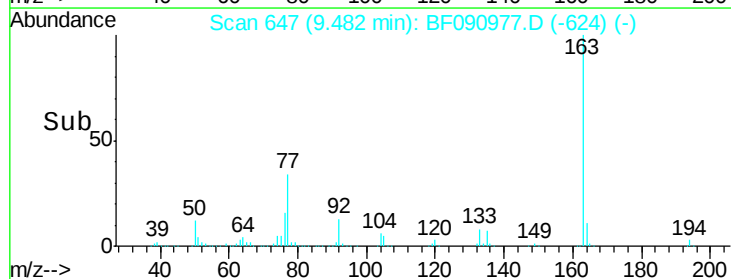
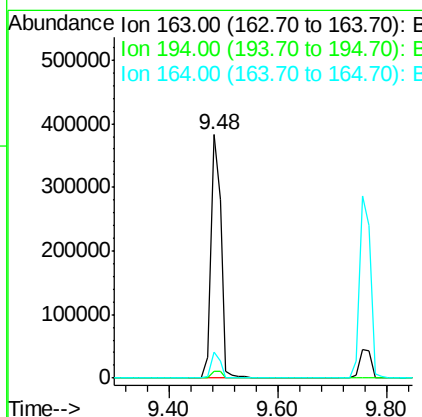
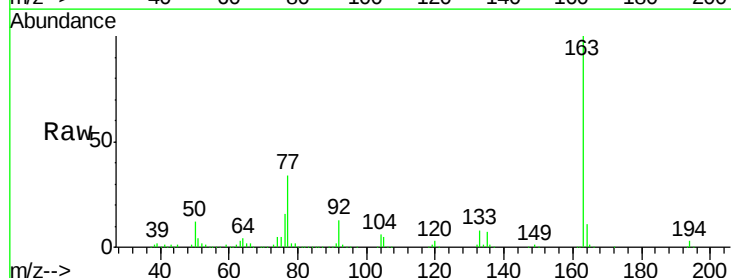
Instrument :
 BNA_F
 ClientSampleId :
 SB-89-1.5-2.0

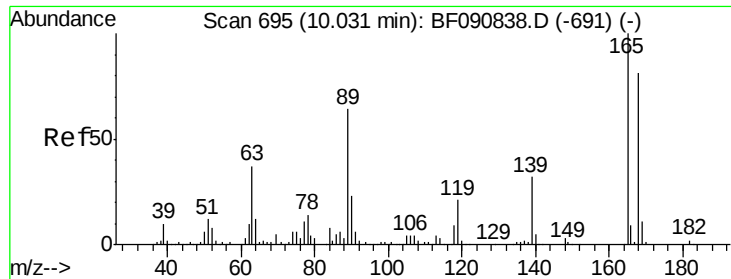
Tgt Ion:172 Resp: 1837262
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 25.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 19.11 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.03 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

Tgt Ion:163 Resp: 497750
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.7 8.3 12.5

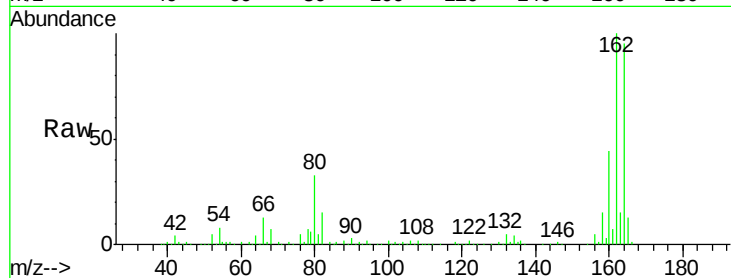




#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.23 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-89-1.5-2.0

Tgt Ion:	165	Resp:	50024
Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#

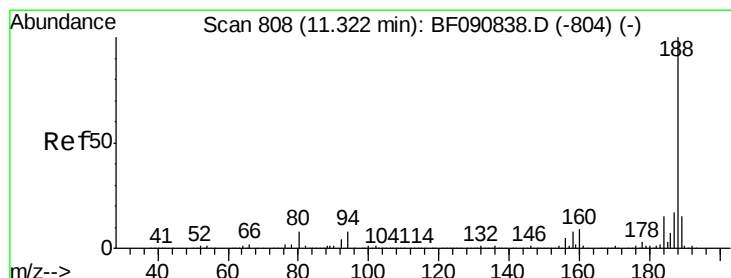
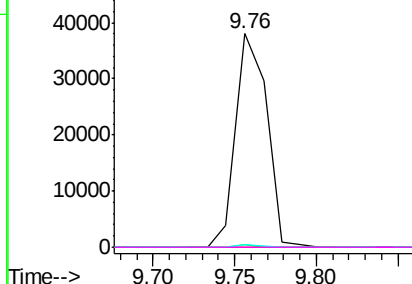
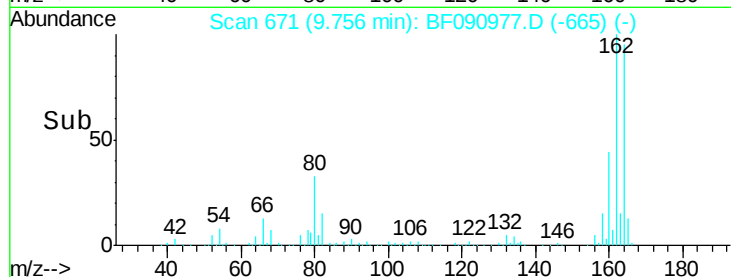


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

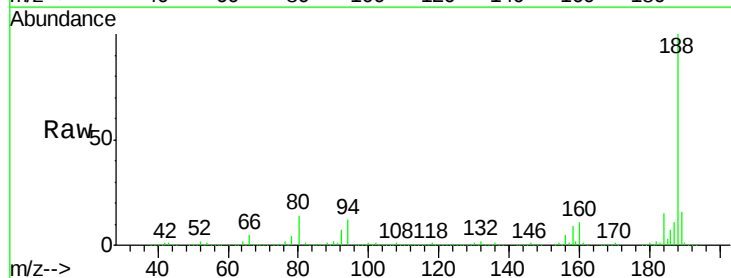
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090977.D
 Acq: 2 Nov 2016 14:08

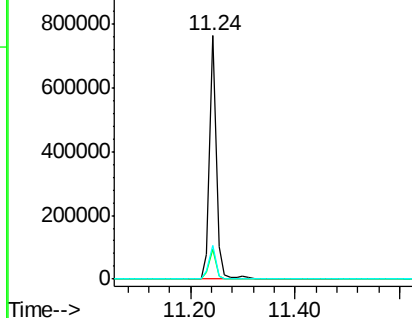
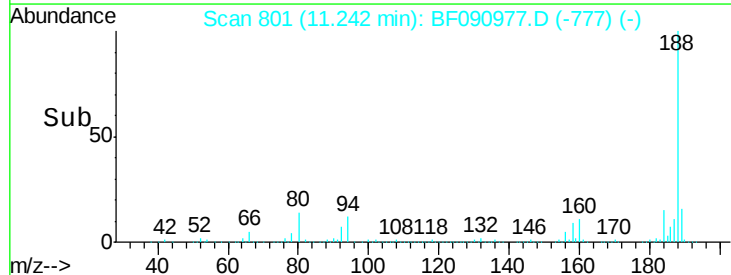
Tgt Ion:	188	Resp:	682411
Ion	Ratio	Lower	Upper
188	100		
94	12.3	11.1	16.7
80	14.0	11.0	16.4

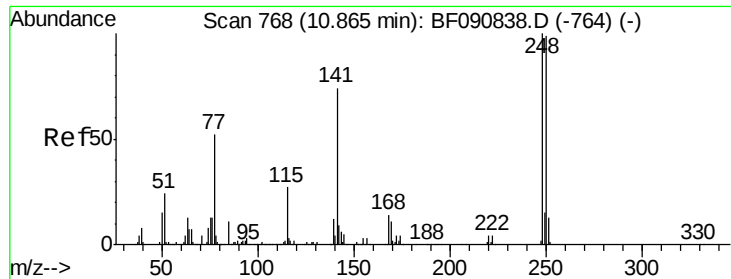


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.66 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.26 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SB-89-1.5-2.0

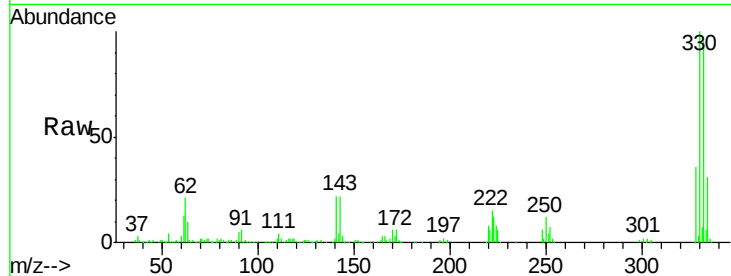
Tgt Ion:248 Resp: 34805

Ion Ratio Lower Upper

248 100

250 196.9 78.5 117.7#

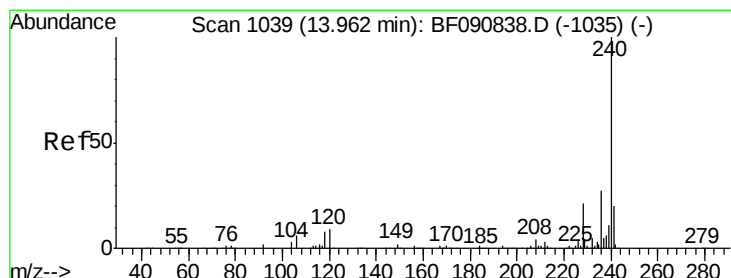
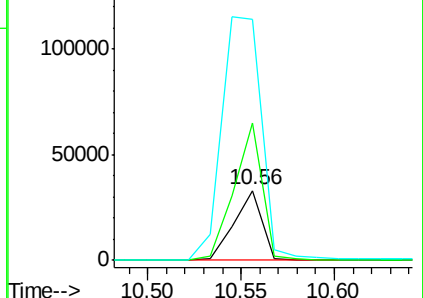
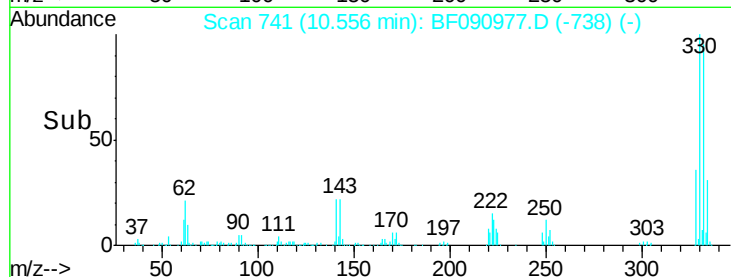
141 345.5 59.0 88.6#



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

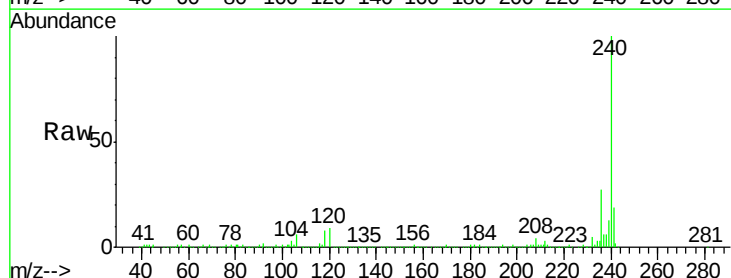
Tgt Ion:240 Resp: 508002

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

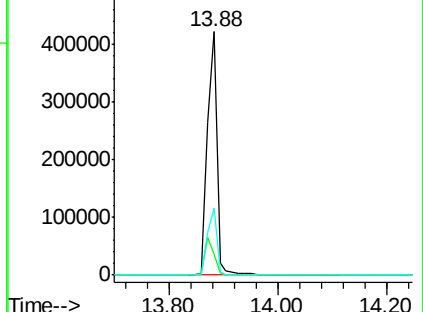
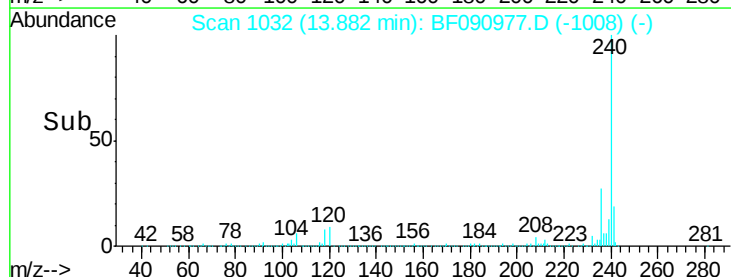
236 27.3 18.4 27.6

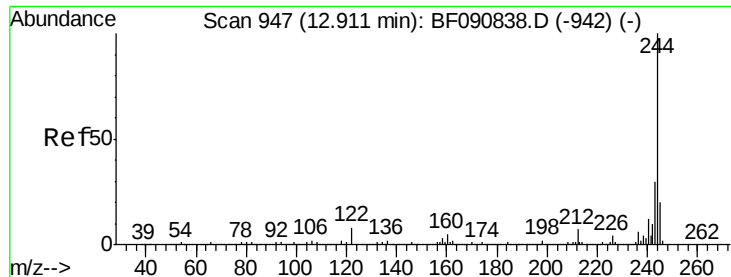


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.32 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SB-89-1.5-2.0

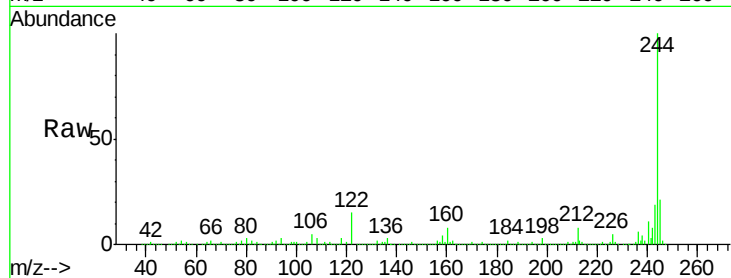
Tgt Ion:244 Resp: 1579135

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

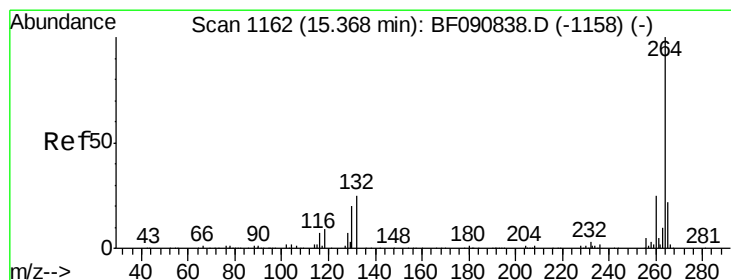
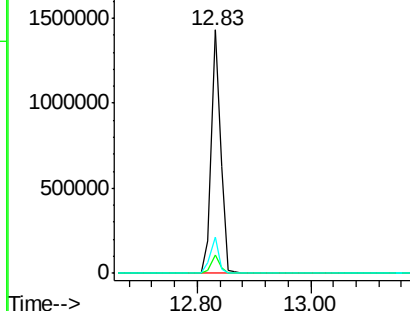
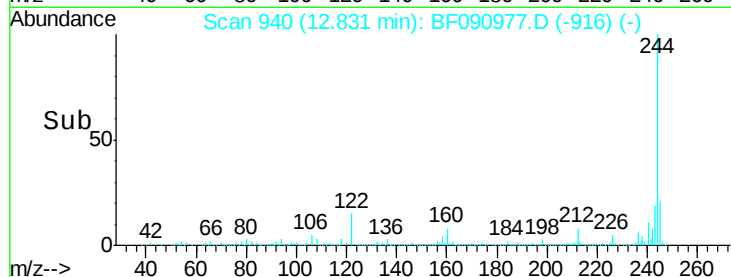
122 14.7 17.4 26.2#



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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF090977.D

Acq: 2 Nov 2016 14:08

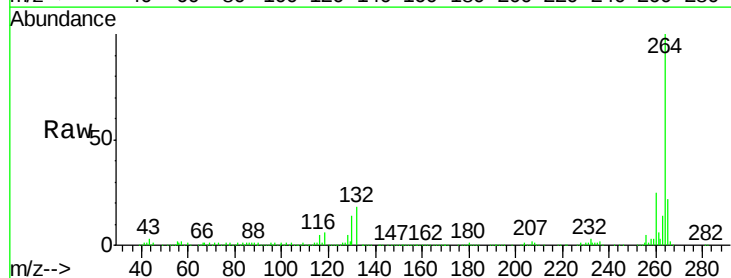
Tgt Ion:264 Resp: 347232

Ion Ratio Lower Upper

264 100

260 25.2 16.7 25.1#

265 21.8 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

