

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090952.D
 Acq On : 1 Nov 2016 15:53
 Operator : UM/SJ
 Sample : H5489-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0

Quant Time: Nov 01 23:52:36 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

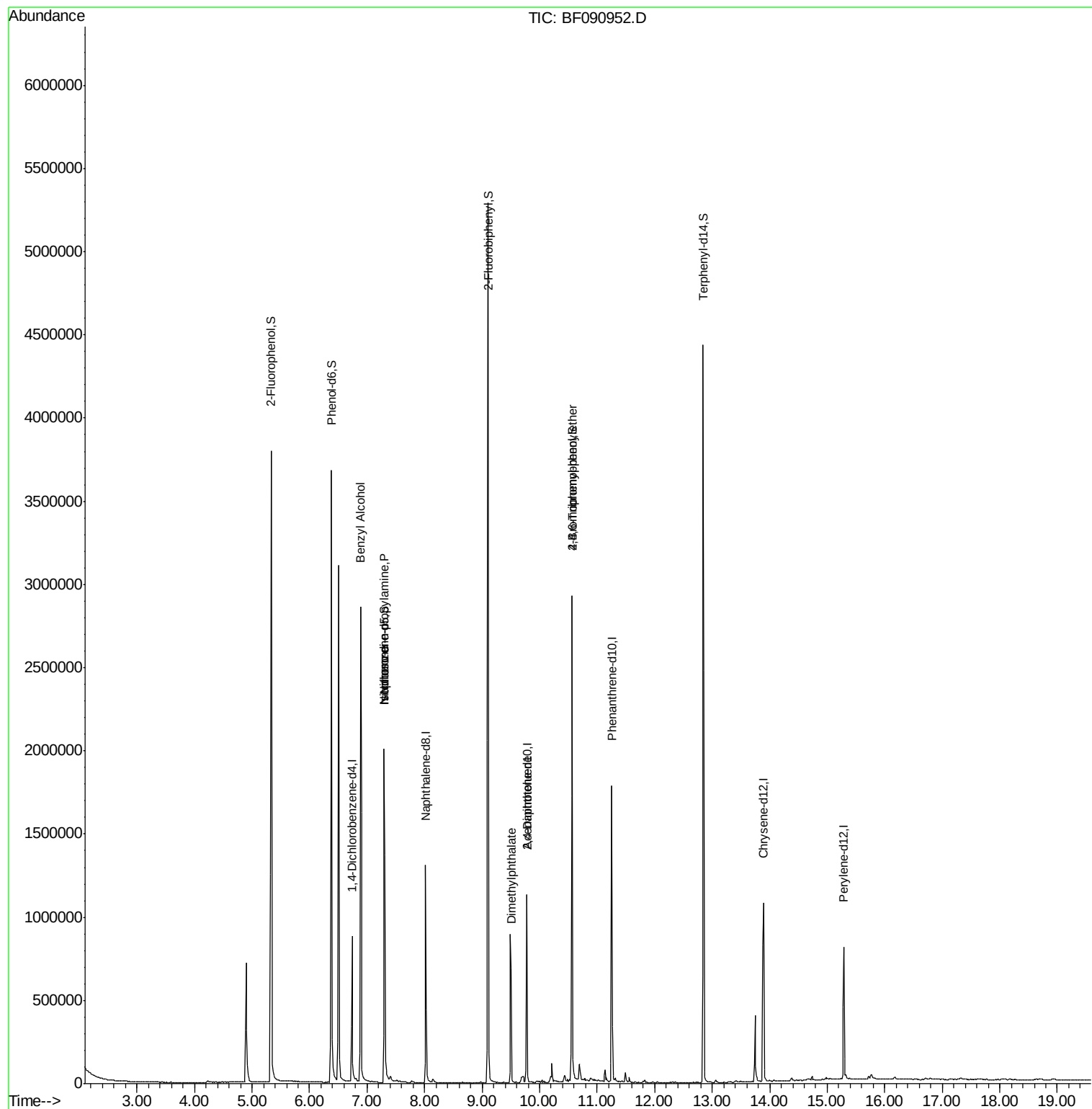
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157778	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	656689	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	358511	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	603177	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	489972	20.00	ng	-0.01
86) Perylene-d12	15.29	264	338402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1151806	127.64	ng	0.00
7) Phenol-d6	6.38	99	1664125	136.69	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1019399	101.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	451875	122.65	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1766899	86.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1792055	92.15	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	17088	2.14	ng	# 30
19) n-Nitroso-di-n-propylamine	7.30	70	138269	19.64	ng	# 55
25) Isophorone	7.30	82	918360	45.11	ng	# 58
49) Dimethylphthalate	9.50	163	513875	21.45	ng	# 96
56) 2,4-Dinitrotoluene	9.78	165	46379	7.06	ng	# 32
66) 4-Bromophenyl-phenylether	10.57	248	31428	4.76	ng	# 1

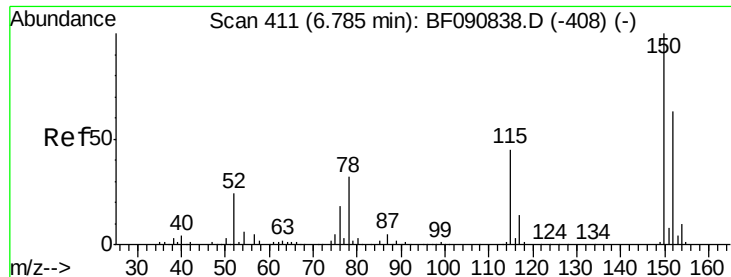
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0

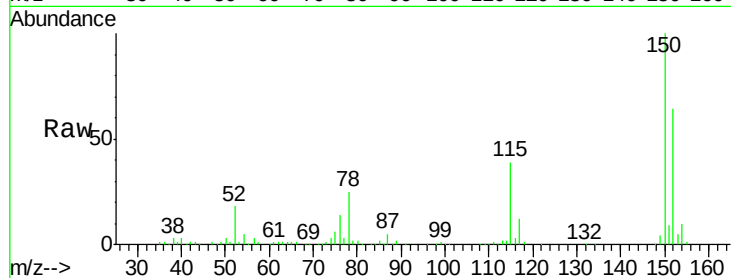
Tgt Ion:152 Resp: 157778

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

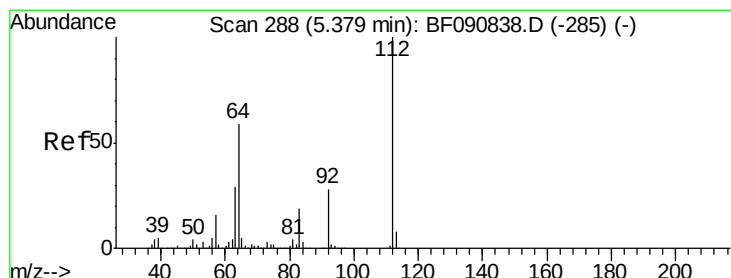
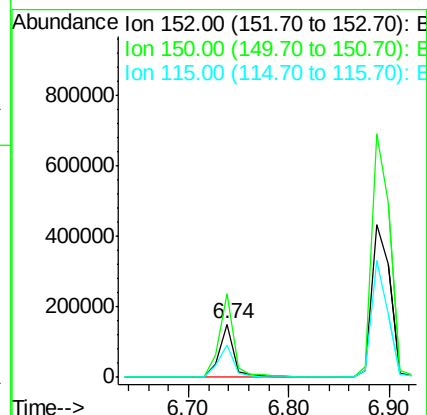
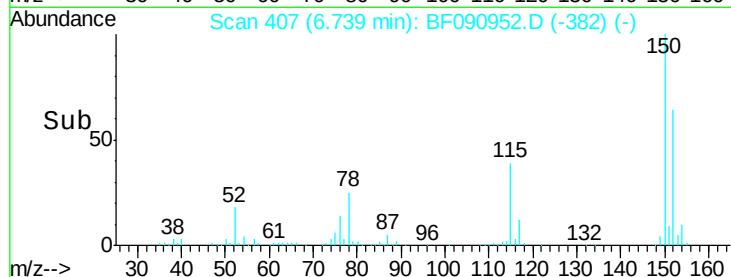
115 60.4 39.0 58.4#



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: 127.64 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

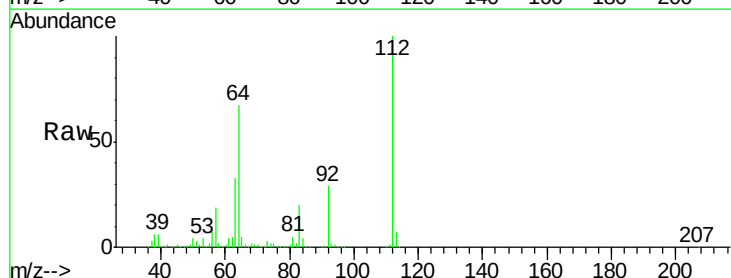
Tgt Ion:112 Resp: 1151806

Ion Ratio Lower Upper

112 100

64 66.5 39.7 59.5#

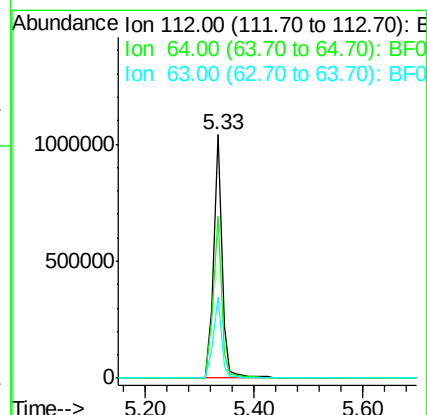
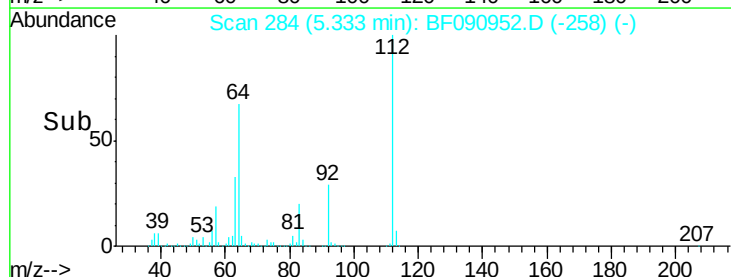
63 33.3 17.4 26.0#

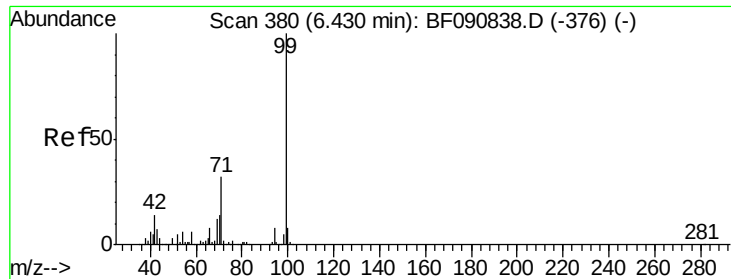


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.69 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0

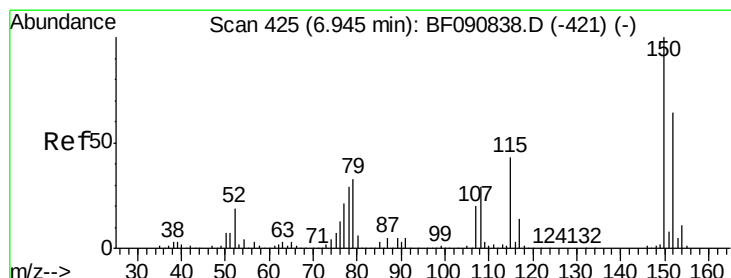
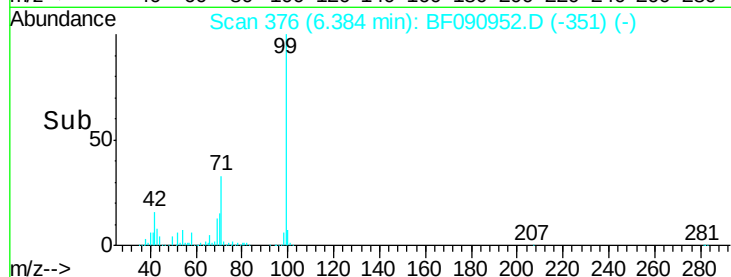
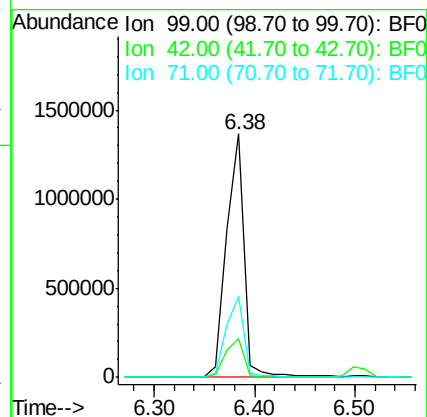
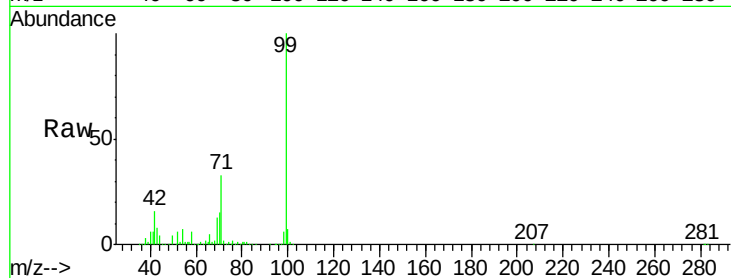
Tgt Ion: 99 Resp: 1664125

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

71 33.3 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

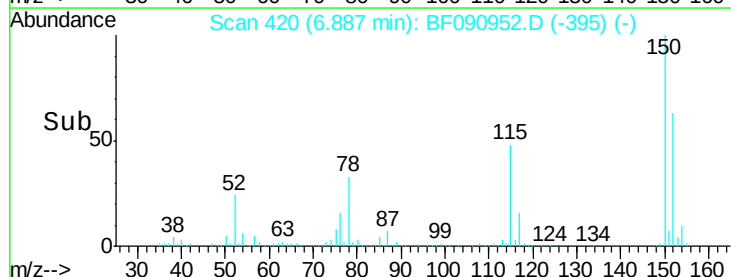
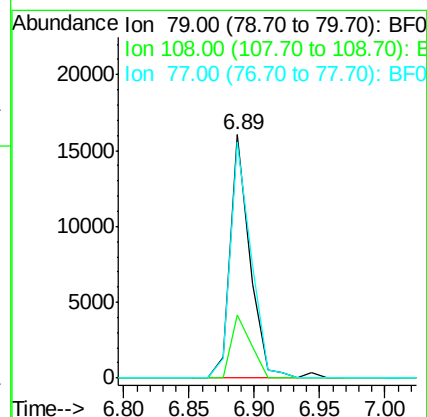
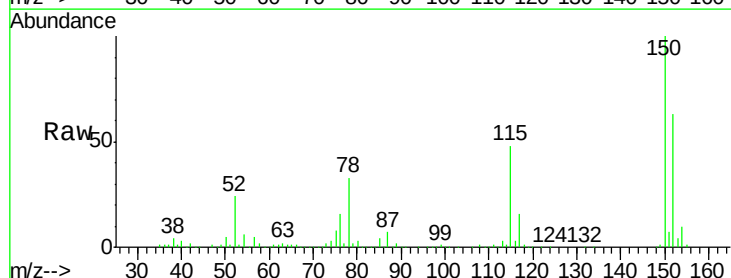
Tgt Ion: 79 Resp: 17088

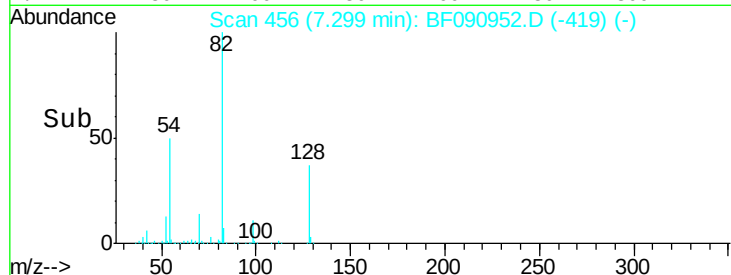
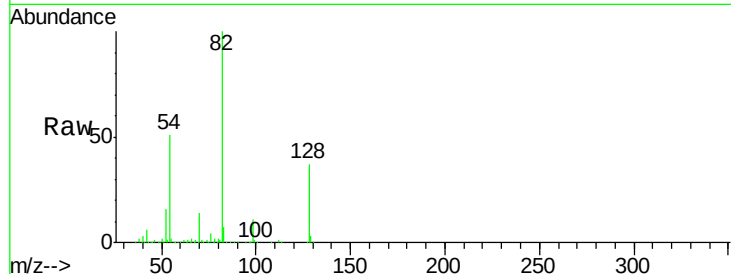
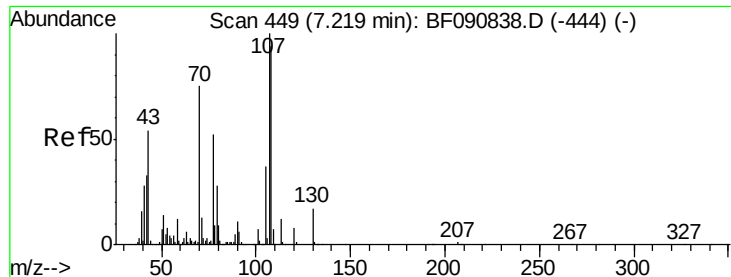
Ion Ratio Lower Upper

79 100

108 25.7 88.6 132.8#

77 96.8 47.0 70.4#

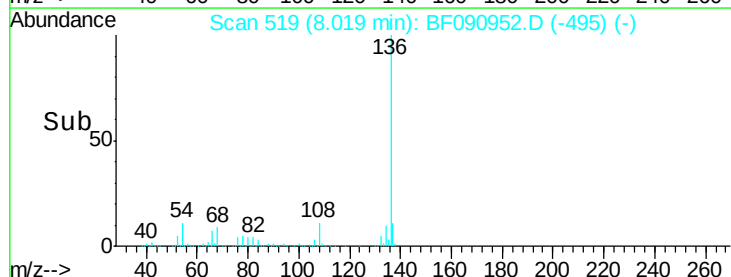
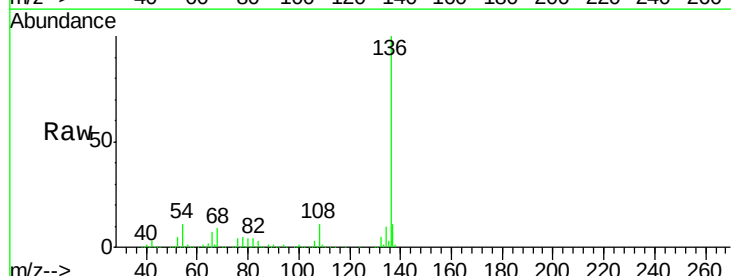
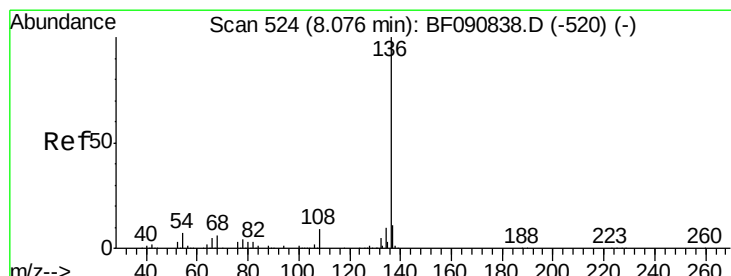
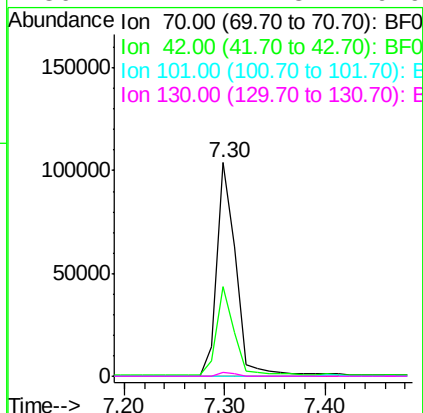




#19
n-Nitroso-di-n-propylamine
Concen: 19.64 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

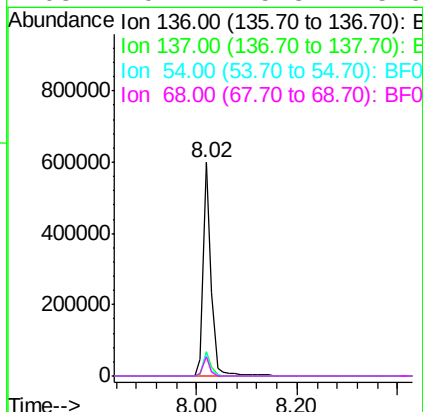
Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0

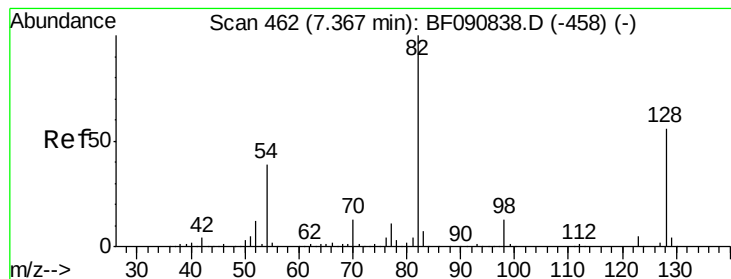
Tgt Ion:	70	Resp:	138269
Ion	Ratio	Lower	Upper
70	100		
42	42.1	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

Tgt Ion:	136	Resp:	656689
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.7	8.2	12.2
68	9.2	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 101.62 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0

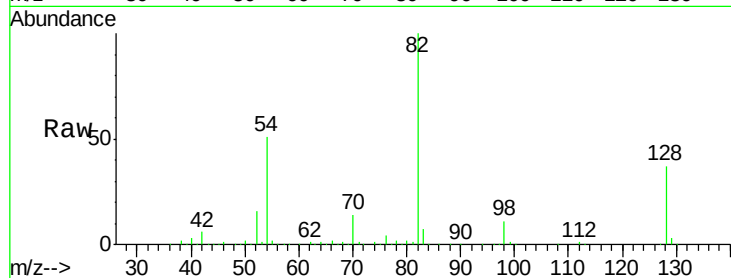
Tgt Ion: 82 Resp: 1019399

Ion Ratio Lower Upper

82 100

128 36.8 51.0 76.6#

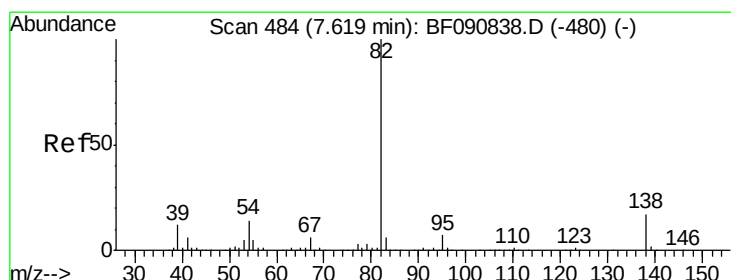
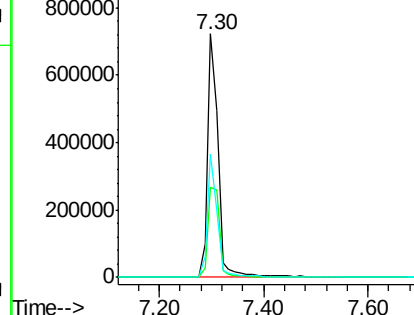
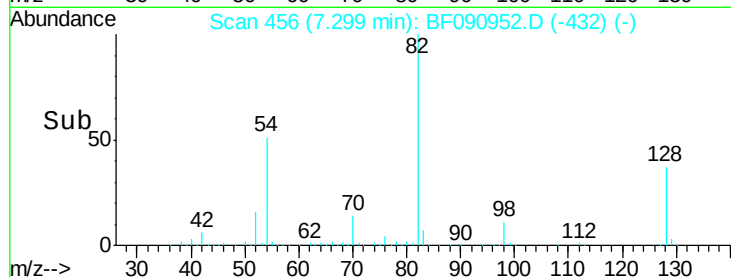
54 50.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.11 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

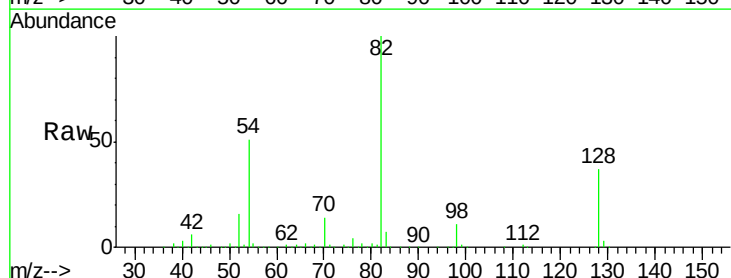
Tgt Ion: 82 Resp: 918360

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

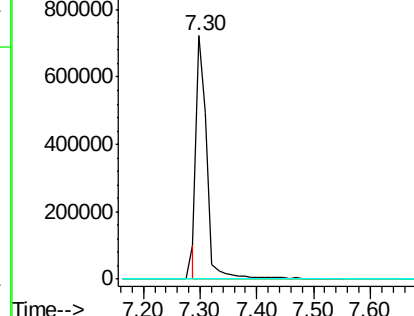
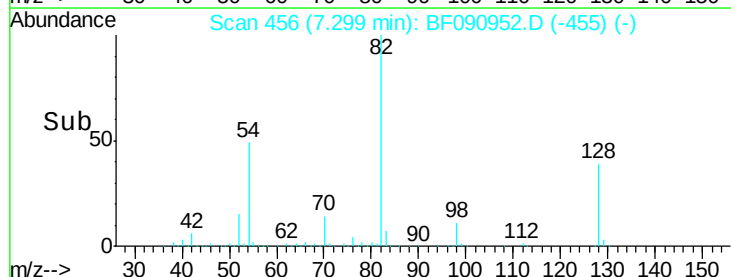
138 0.0 18.3 27.5#

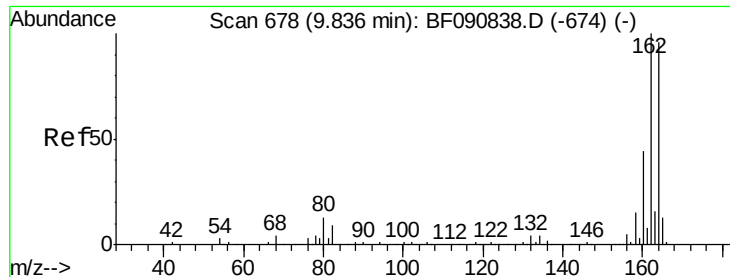


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0

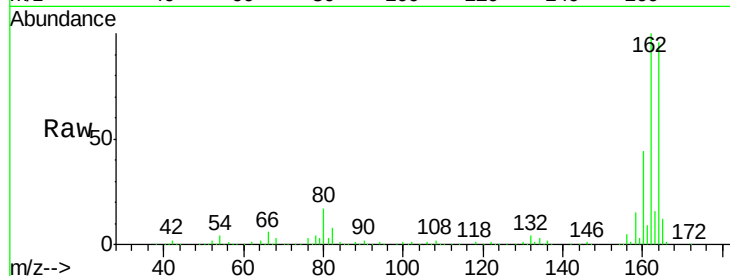
Tgt Ion:164 Resp: 358511

Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

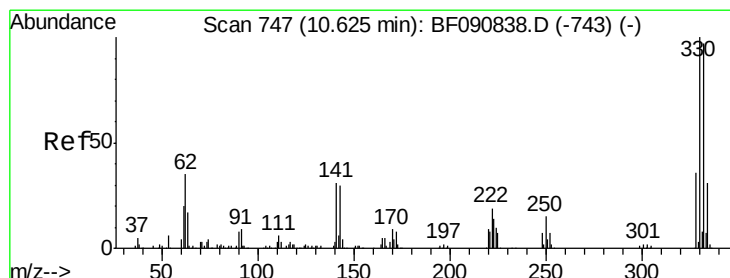
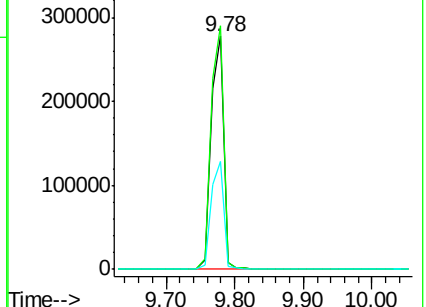
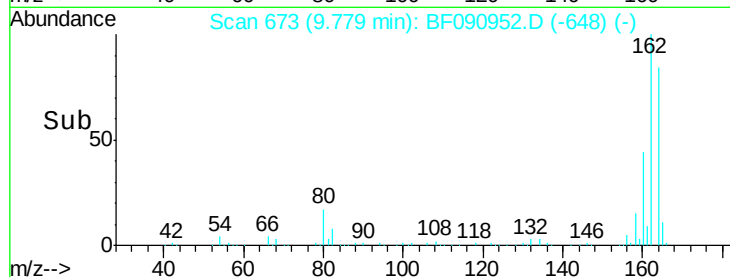
160 46.2 31.5 47.3



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: 122.65 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

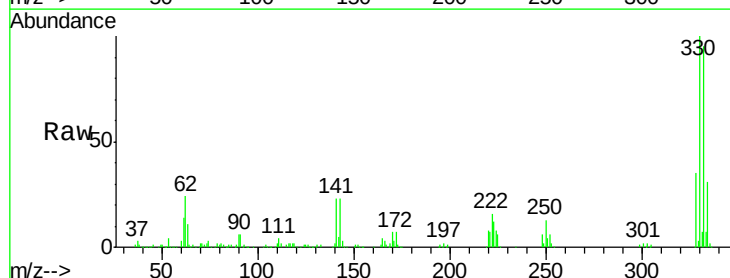
Tgt Ion:330 Resp: 451875

Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

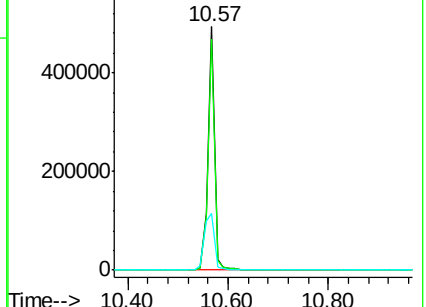
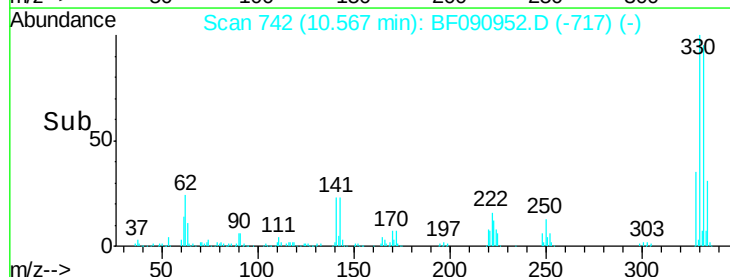
141 36.0 29.7 44.5

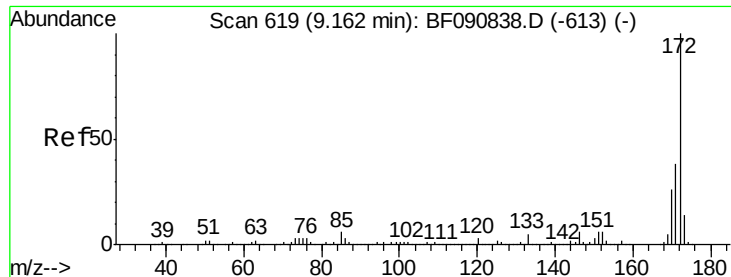


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

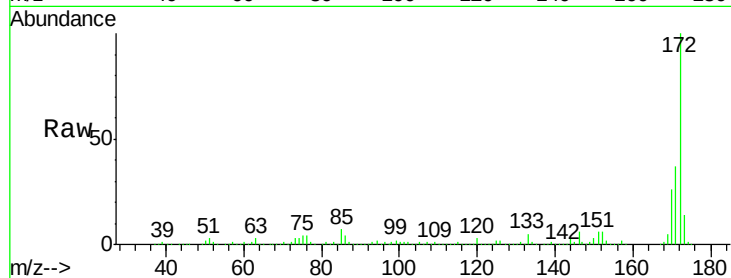




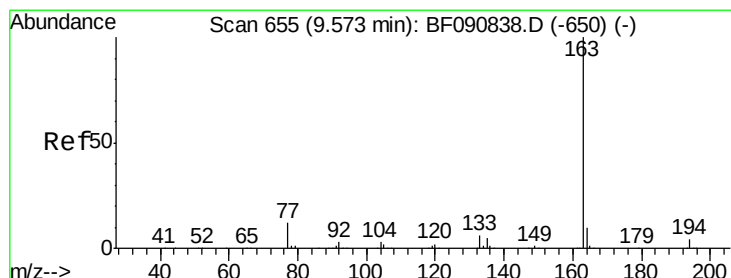
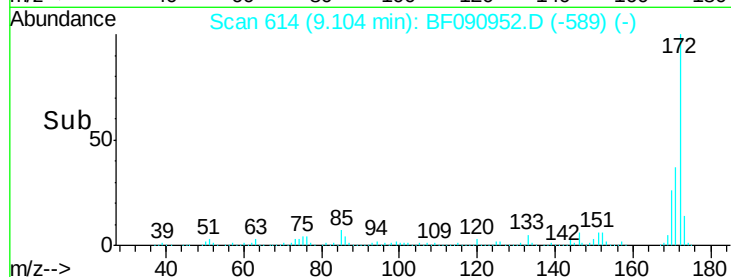
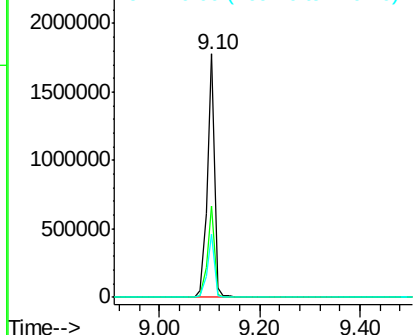
#44
2-Fluorobiphenyl
Concen: 86.54 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0

Tgt Ion:172 Resp: 1766899
Ion Ratio Lower Upper
172 100
171 37.3 26.1 39.1
170 25.9 17.4 26.2

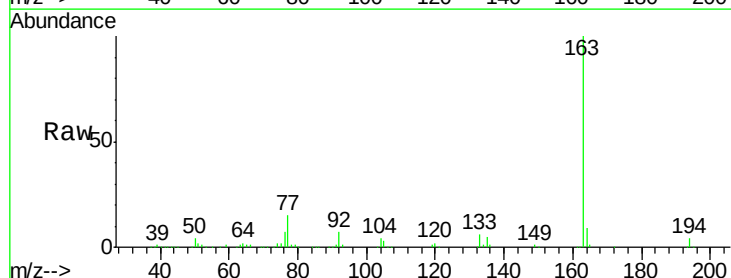


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

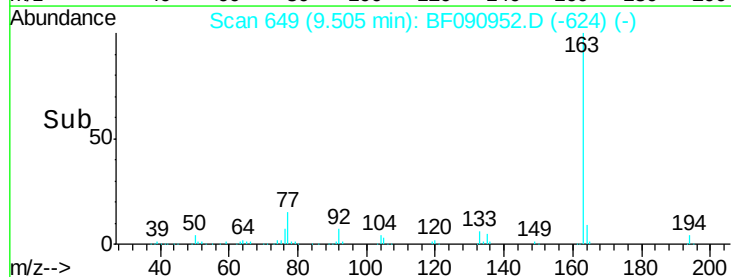
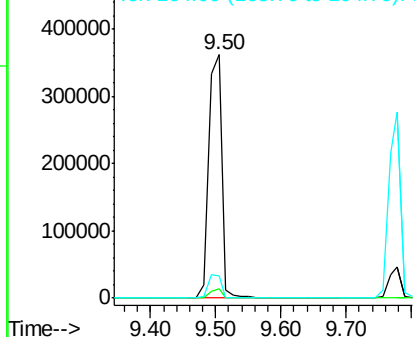


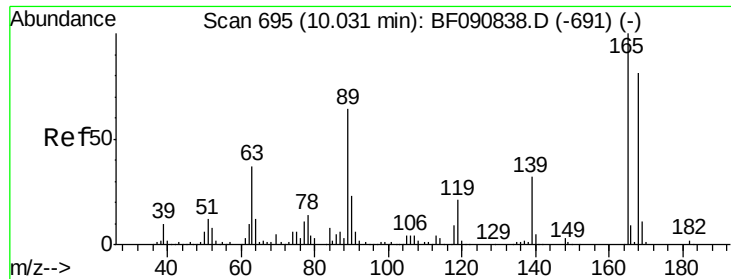
#49
Dimethylphthalate
Concen: 21.45 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

Tgt Ion:163 Resp: 513875
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.3 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

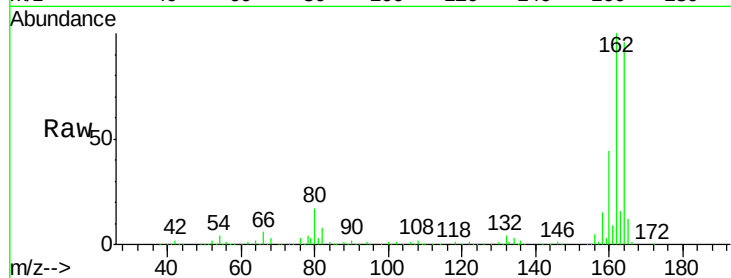




#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF090952.D
 Acq: 1 Nov 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0

Tgt Ion:	165	Resp:	46379
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

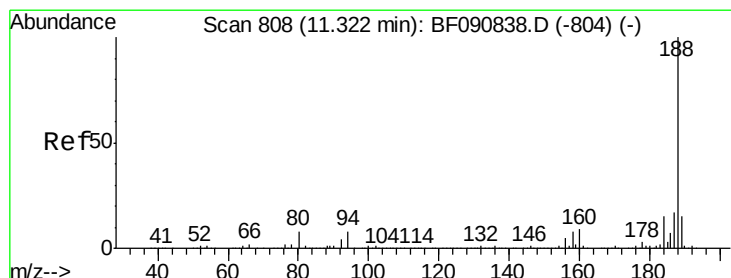
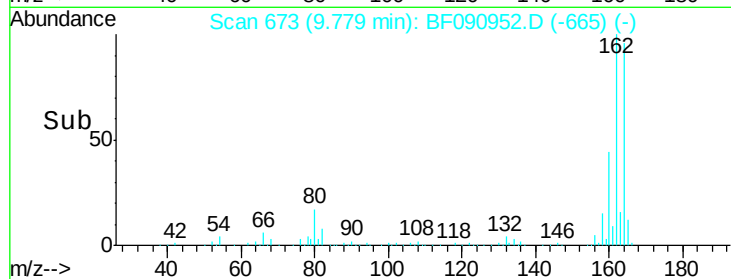
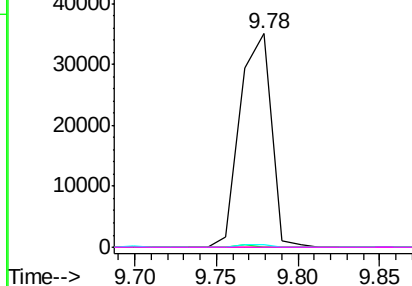


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

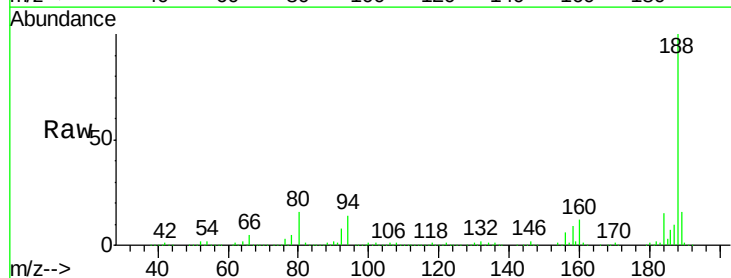
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090952.D
 Acq: 1 Nov 2016 15:53

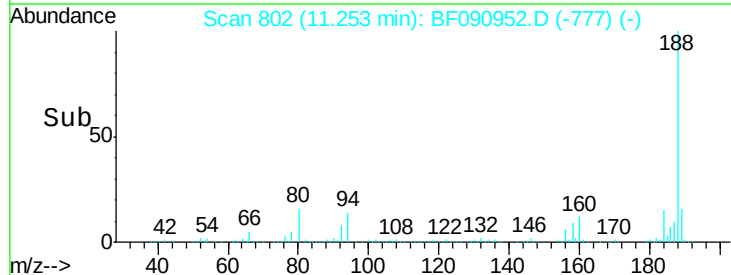
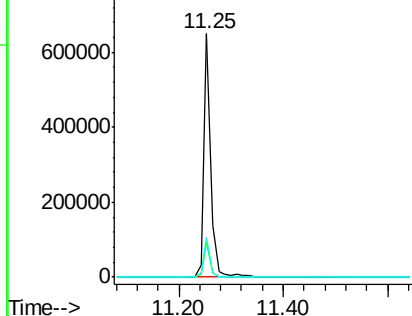
Tgt Ion:	188	Resp:	603177
Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.1	16.7
80	16.3	11.0	16.4

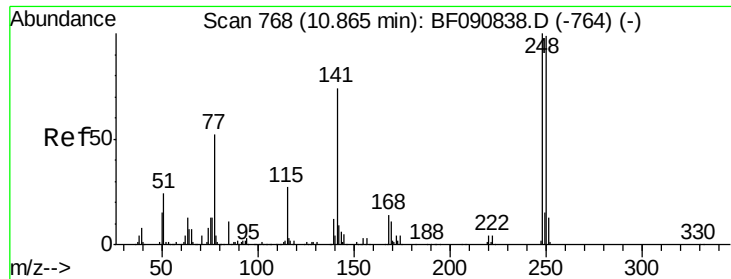


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

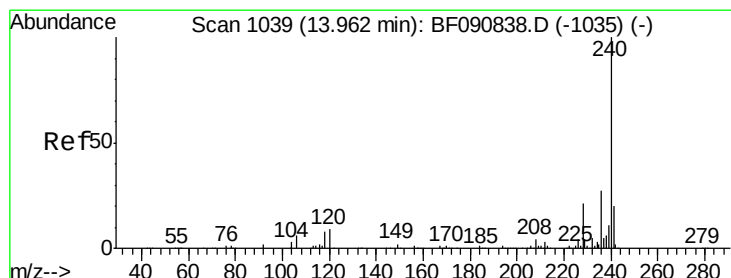
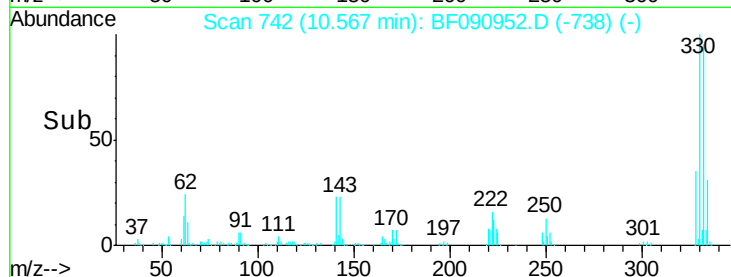
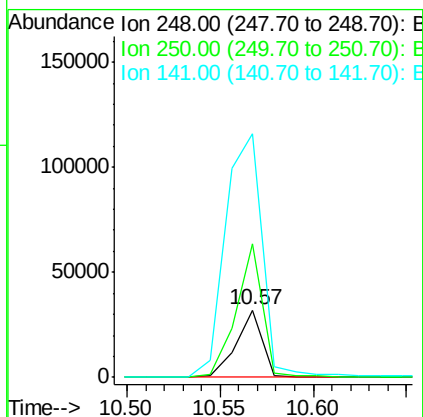
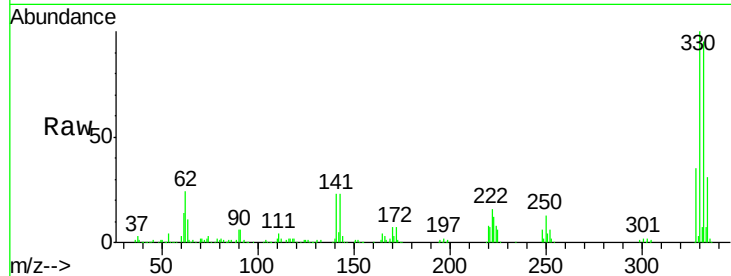




#66
4-Bromophenyl-phenylether
Concen: 4.76 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

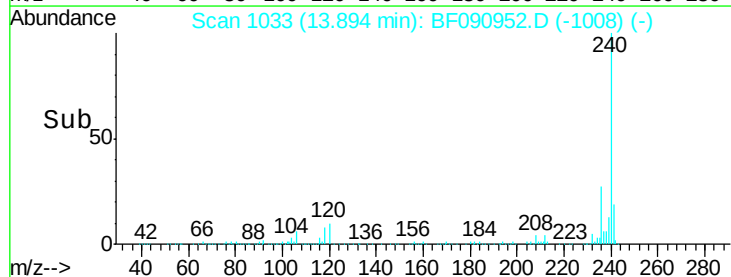
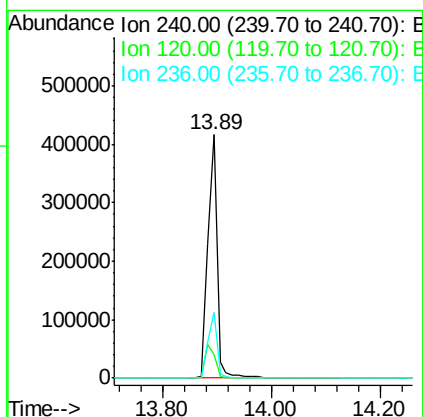
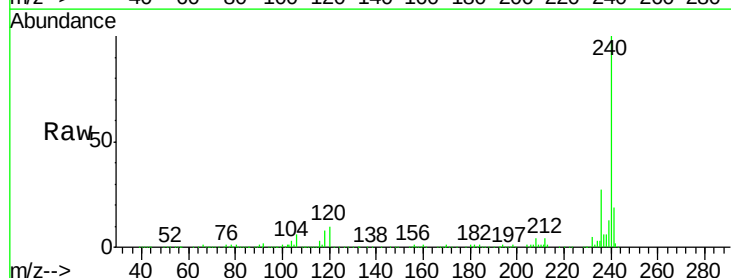
Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0

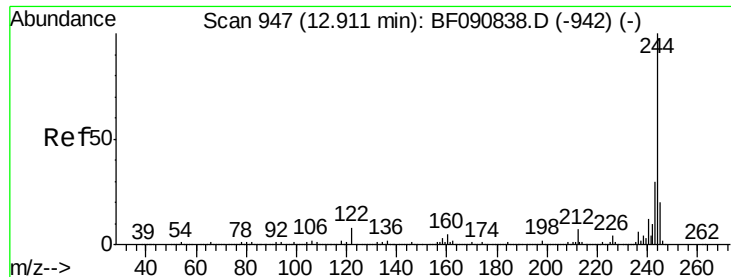
Tgt Ion:248 Resp: 31428
Ion Ratio Lower Upper
248 100
250 199.2 78.5 117.7#
141 363.2 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090952.D
Acq: 1 Nov 2016 15:53

Tgt Ion:240 Resp: 489972
Ion Ratio Lower Upper
240 100
120 9.7 16.2 24.2#
236 26.8 18.4 27.6





#78

Terphenyl-d14

Concen: 92.15 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0

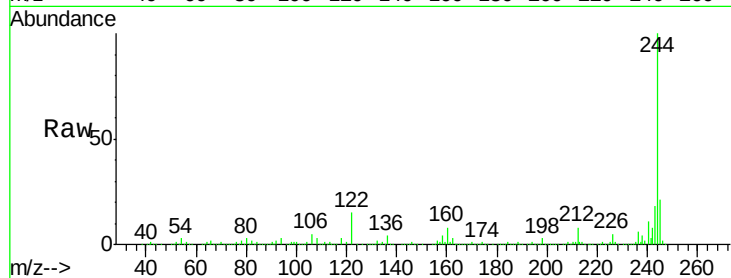
Tgt Ion:244 Resp: 1792055

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

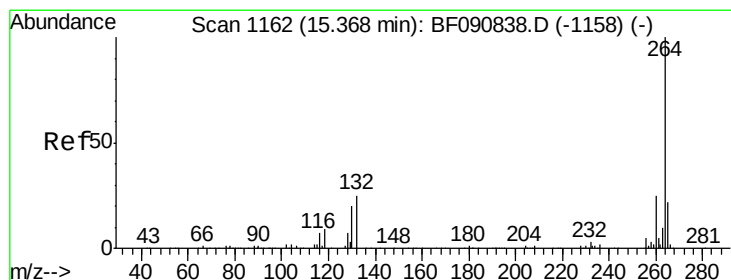
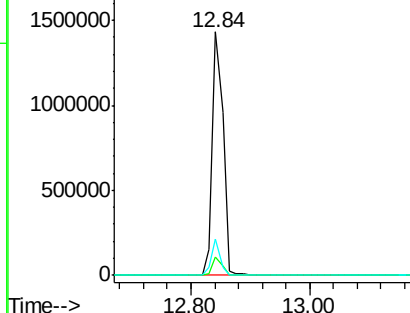
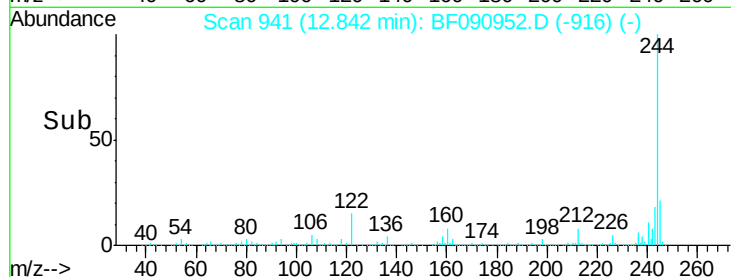
122 14.7 17.4 26.2#



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090952.D

Acq: 1 Nov 2016 15:53

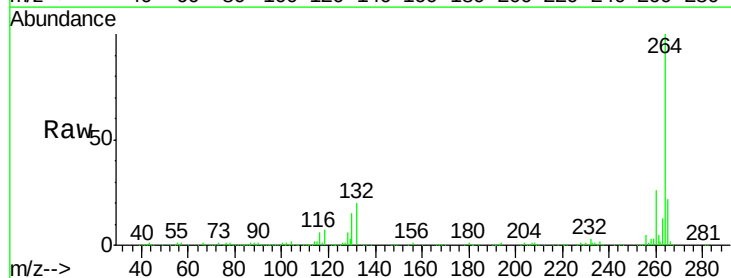
Tgt Ion:264 Resp: 338402

Ion Ratio Lower Upper

264 100

260 25.9 16.7 25.1#

265 21.6 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

