

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090960.D
 Acq On : 1 Nov 2016 19:32
 Operator : UM/SJ
 Sample : H5489-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-76-0.5-1.0

Quant Time: Nov 01 23:55:11 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

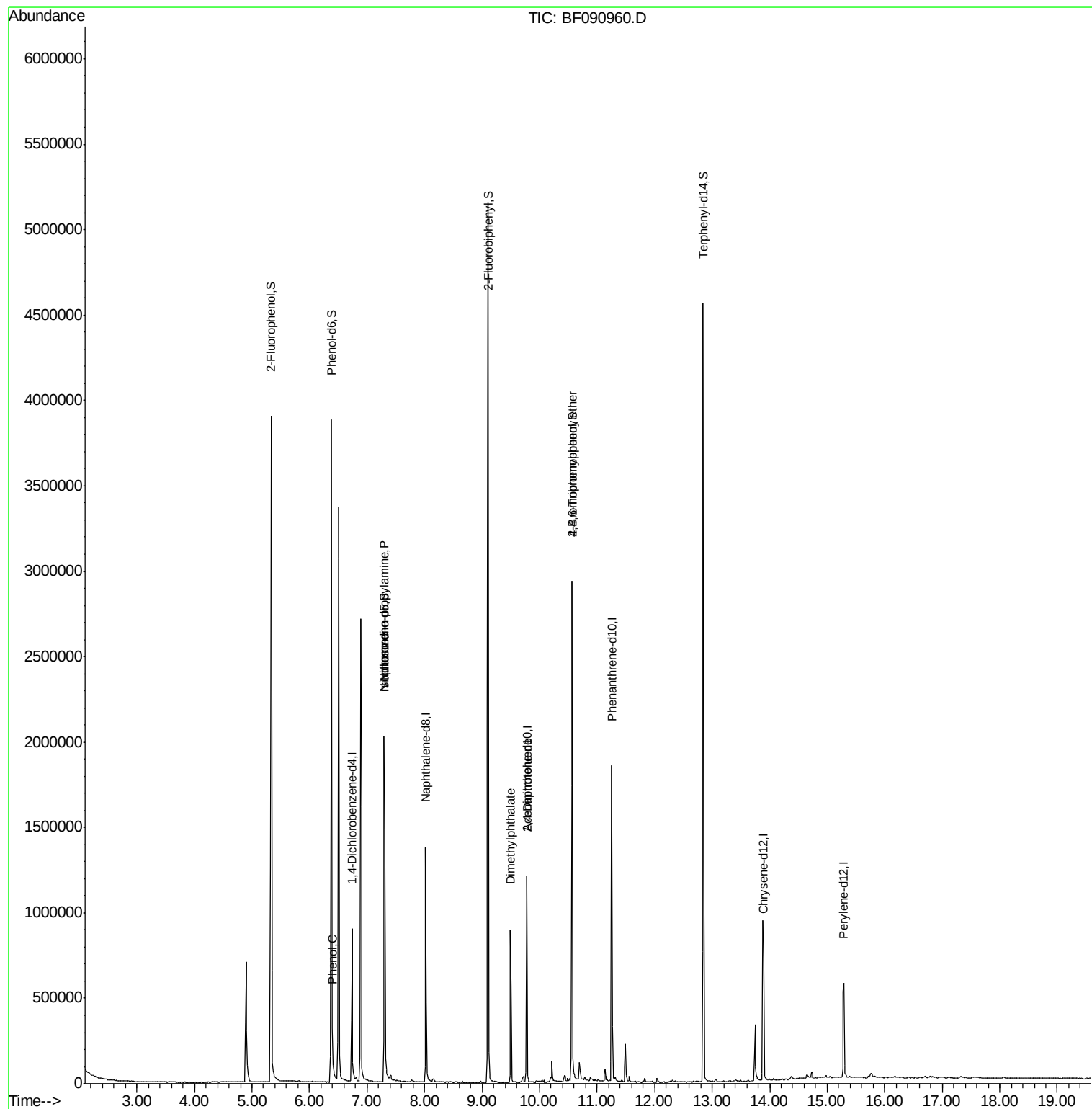
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	161794	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	678120	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	368559	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	620935	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	406691	20.00	ng	-0.01
86) Perylene-d12	15.29	264	287869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1167184	126.13	ng	0.00
7) Phenol-d6	6.38	99	1670993	133.85	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1046373	101.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	434823	114.80	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1720249	81.96	ng	-0.01
78) Terphenyl-d14	12.84	244	1527235	94.61	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	28153	2.05	ng	# 62
19) n-Nitroso-di-n-propylamine	7.30	70	142390	19.73	ng	# 55
25) Isophorone	7.30	82	978079	46.53	ng	# 58
49) Dimethylphthalate	9.49	163	465166	18.89	ng	# 96
56) 2,4-Dinitrotoluene	9.78	165	47795	7.07	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	30808	4.53	ng	# 1

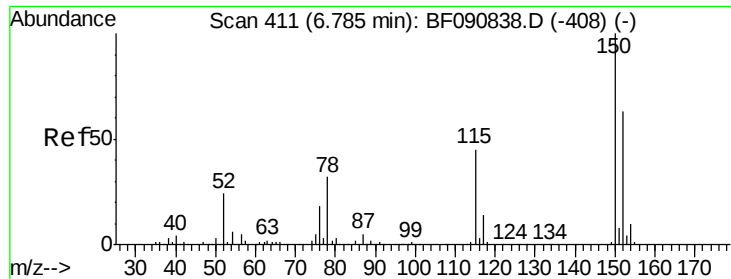
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090960.D

Acq: 1 Nov 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-76-0.5-1.0

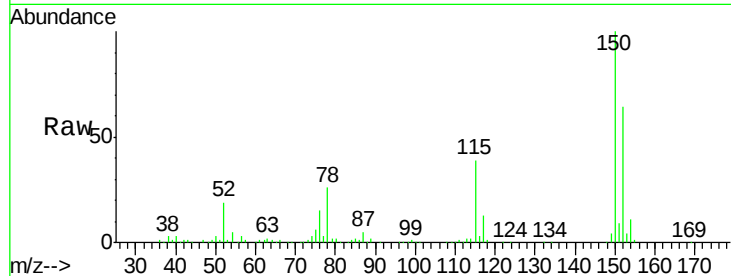
Tgt Ion:152 Resp: 161794

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

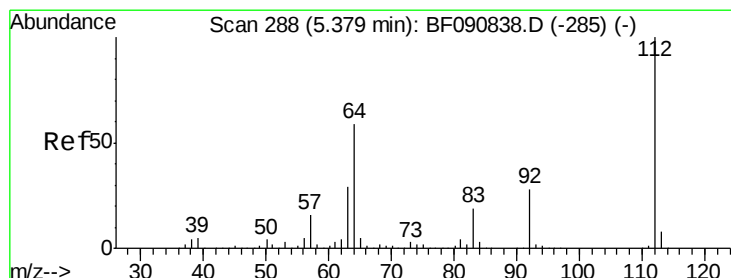
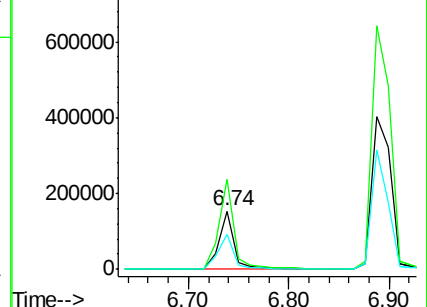
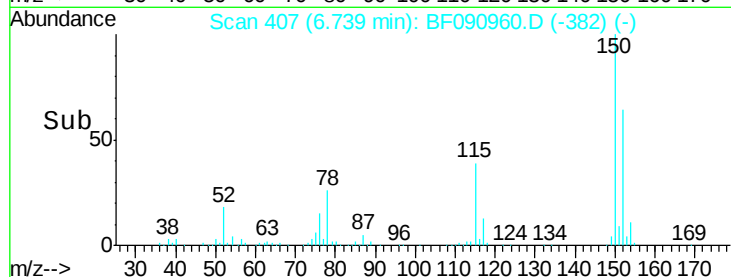
115 60.7 39.0 58.4#



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: 126.13 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090960.D

Acq: 1 Nov 2016 19:32

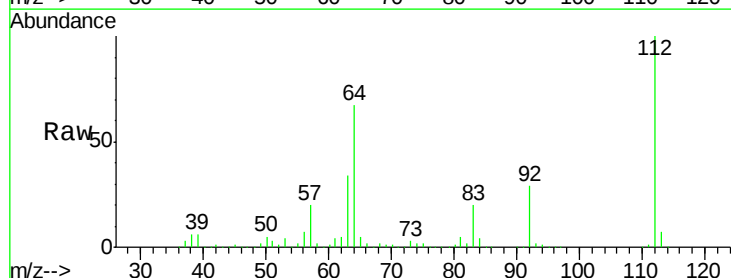
Tgt Ion:112 Resp: 1167184

Ion Ratio Lower Upper

112 100

64 67.5 39.7 59.5#

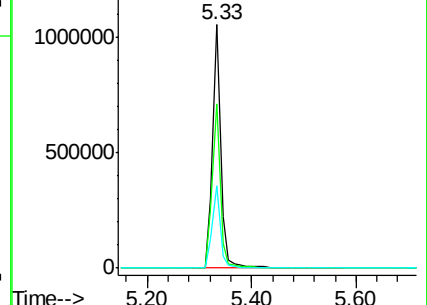
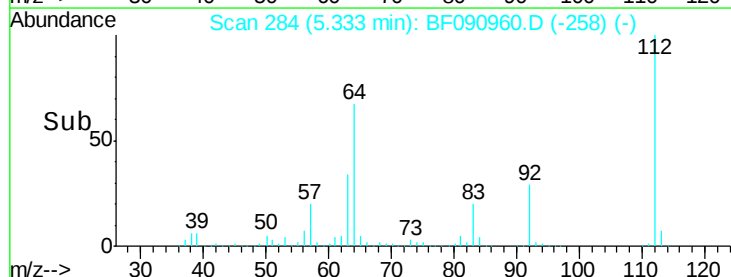
63 33.9 17.4 26.0#

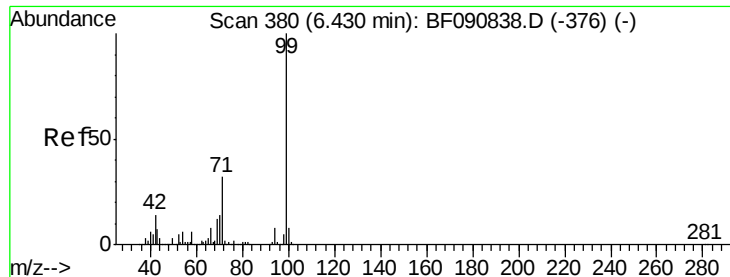


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.85 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090960.D

Acq: 1 Nov 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-76-0.5-1.0

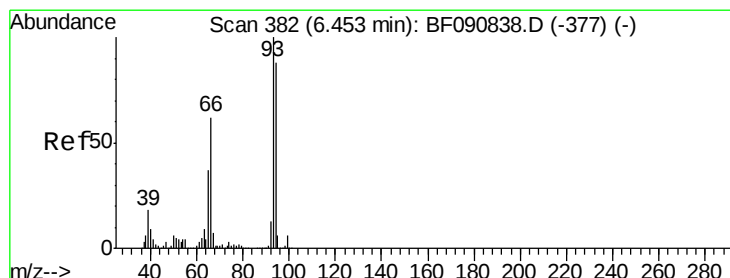
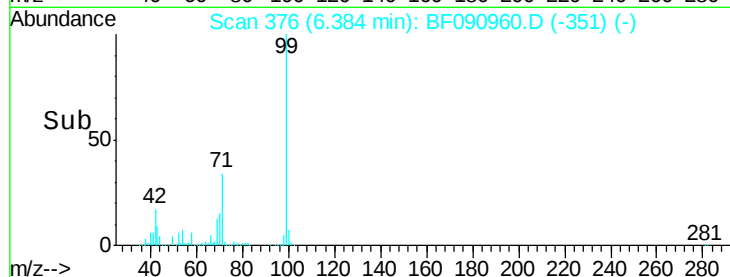
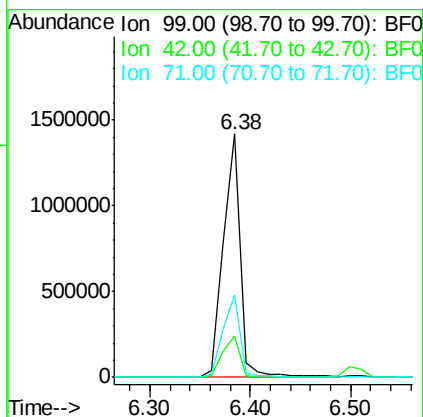
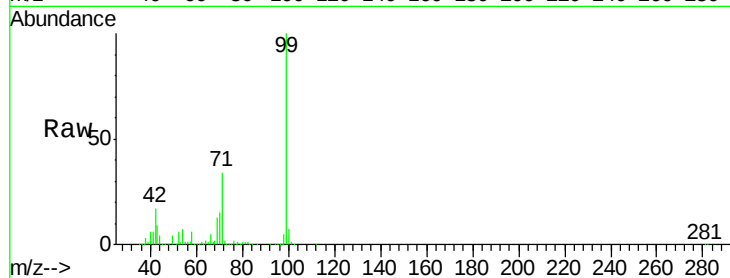
Tgt Ion: 99 Resp: 1670993

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 33.8 14.2 21.2#



#10

Phenol

Concen: 2.05 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090960.D

Acq: 1 Nov 2016 19:32

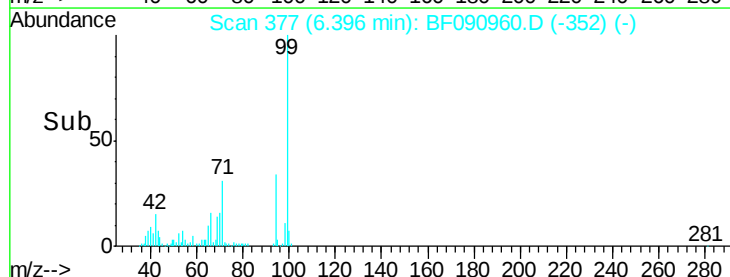
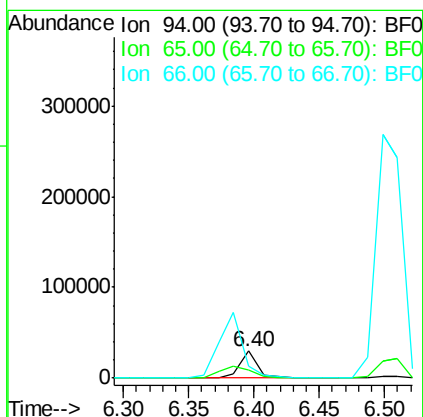
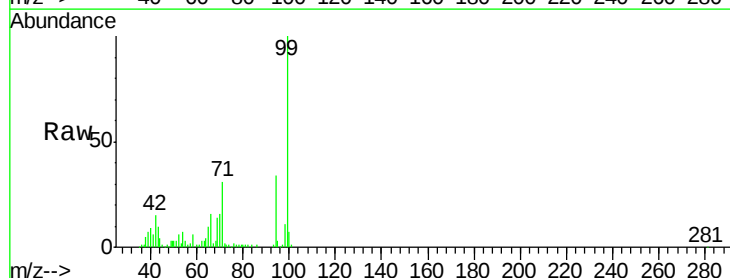
Tgt Ion: 94 Resp: 28153

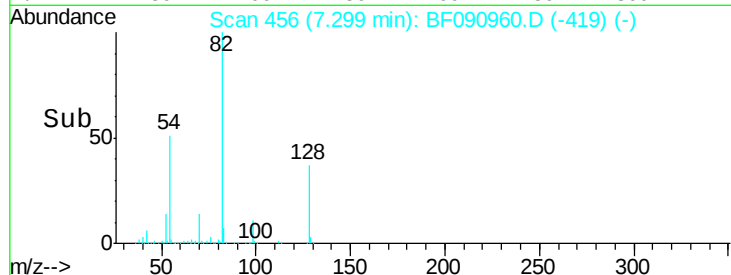
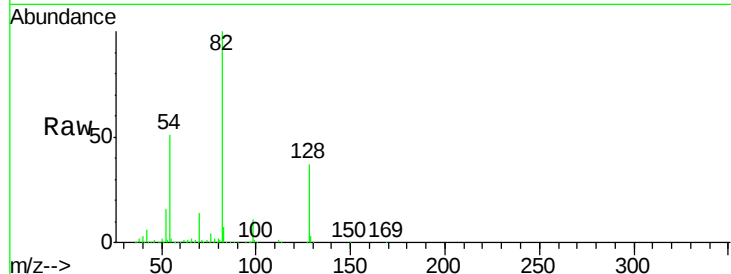
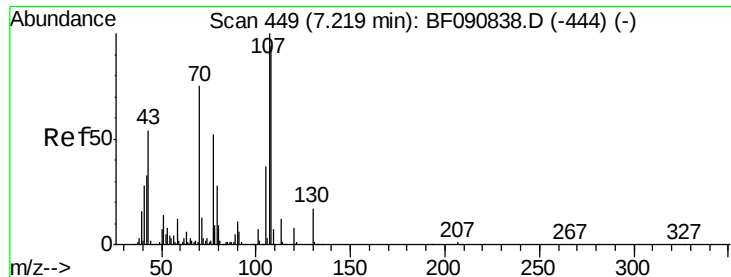
Ion Ratio Lower Upper

94 100

65 30.4 0.7 40.7

66 46.5 0.8 40.8#

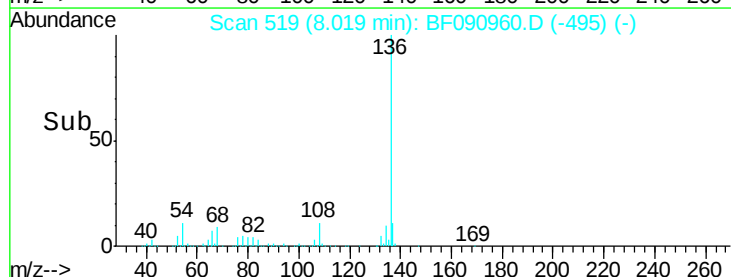
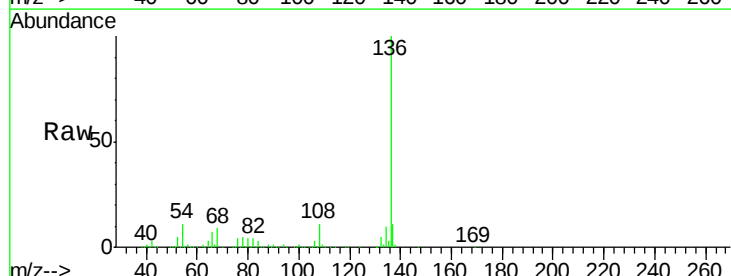
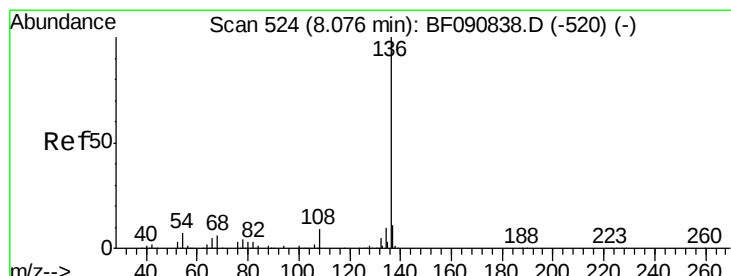
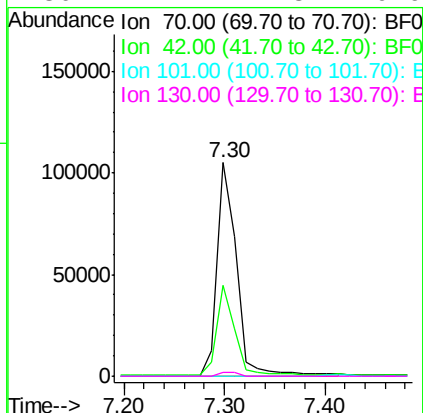




#19
n-Nitroso-di-n-propylamine
Concen: 19.73 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

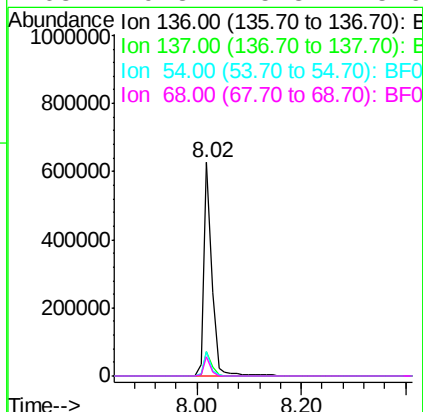
Instrument :
BNA_F
ClientSampleId :
SB-76-0.5-1.0

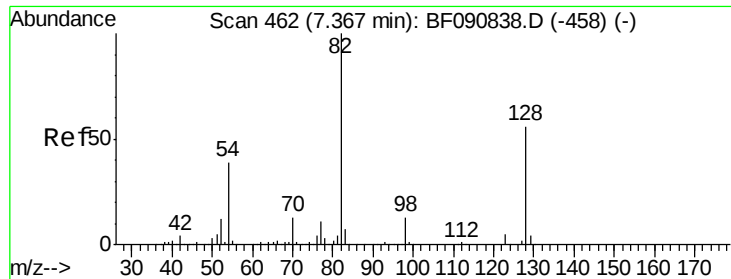
Tgt Ion:	70	Resp:	142390
Ion	Ratio	Lower	Upper
70	100		
42	42.7	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Tgt Ion:	136	Resp:	678120
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.1	8.2	12.2
68	9.3	5.8	8.6#

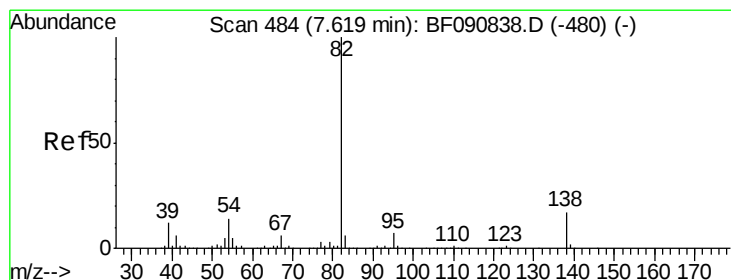
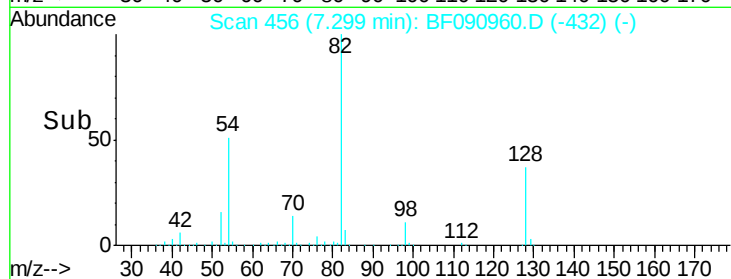
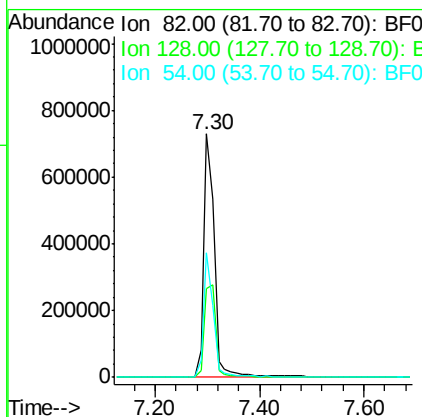
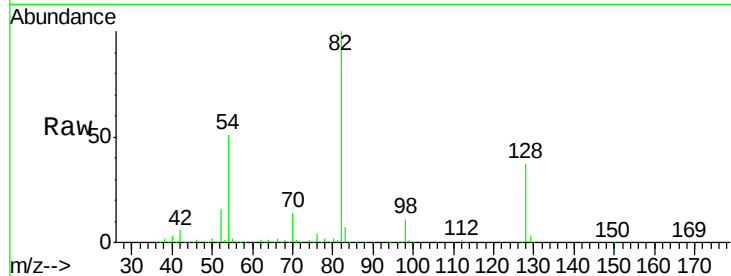




#23
 Nitrobenzene-d5
 Concen: 101.01 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090960.D
 Acq: 1 Nov 2016 19:32

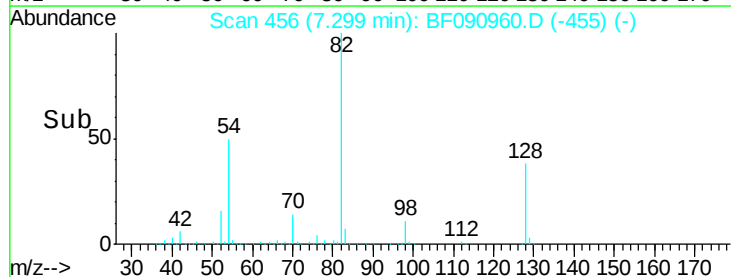
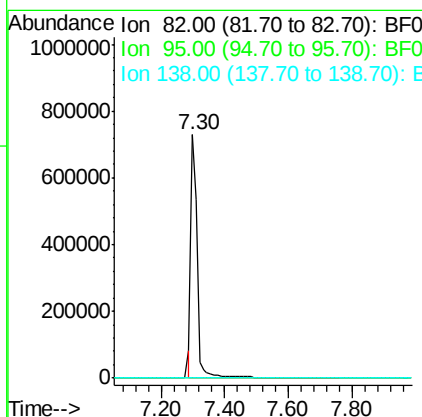
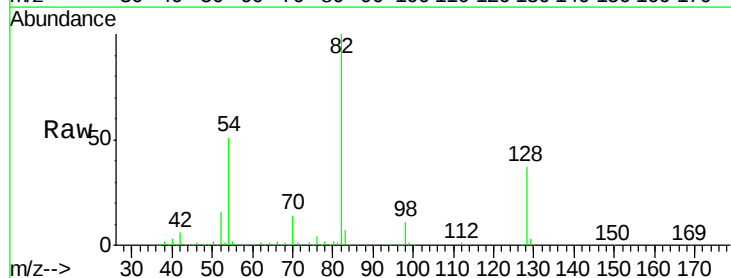
Instrument :
 BNA_F
 ClientSampleId :
 SB-76-0.5-1.0

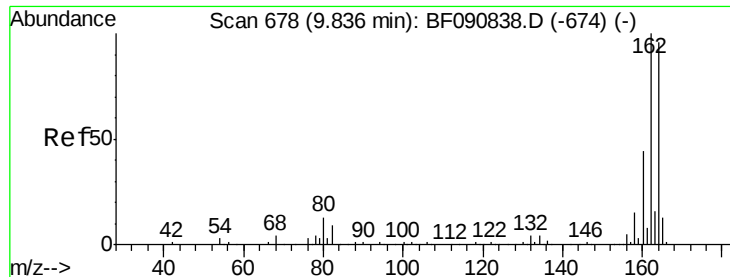
Tgt Ion: 82 Resp: 1046373
 Ion Ratio Lower Upper
 82 100
 128 36.6 51.0 76.6#
 54 51.1 47.5 71.3



#25
 Isophorone
 Concen: 46.53 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF090960.D
 Acq: 1 Nov 2016 19:32

Tgt Ion: 82 Resp: 978079
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

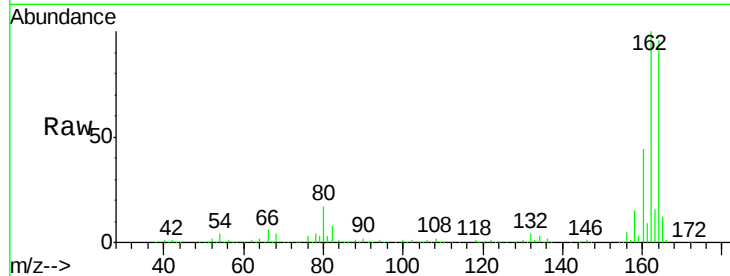




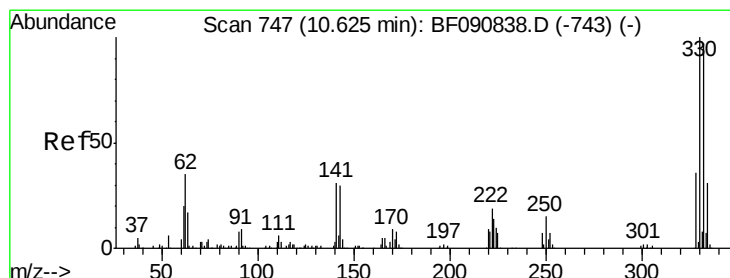
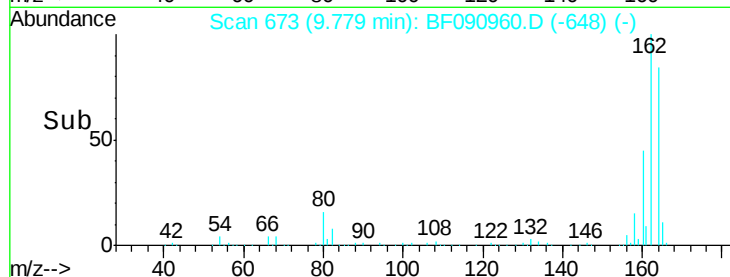
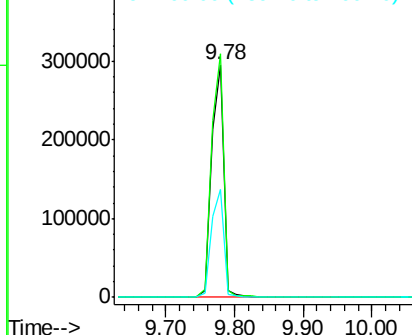
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Instrument :
BNA_F
ClientSampleId :
SB-76-0.5-1.0

Tgt Ion:164 Resp: 368559
Ion Ratio Lower Upper
164 100
162 104.6 75.2 112.8
160 46.5 31.5 47.3

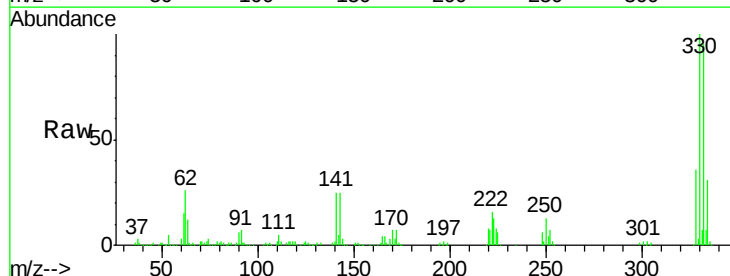


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

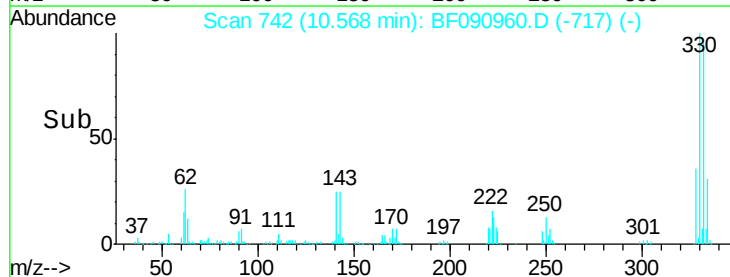
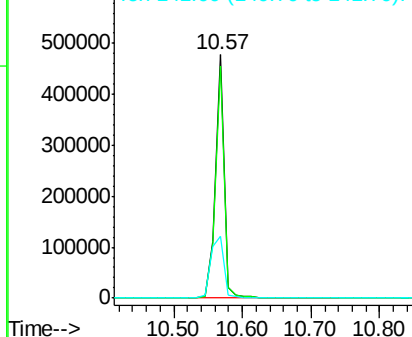


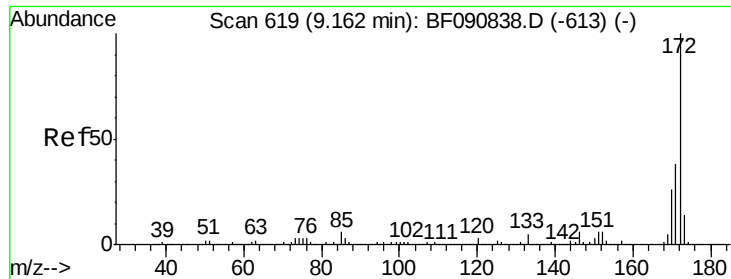
#41
2,4,6-Tribromophenol
Concen: 114.80 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Tgt Ion:330 Resp: 434823
Ion Ratio Lower Upper
330 100
332 95.6 76.6 114.8
141 38.2 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

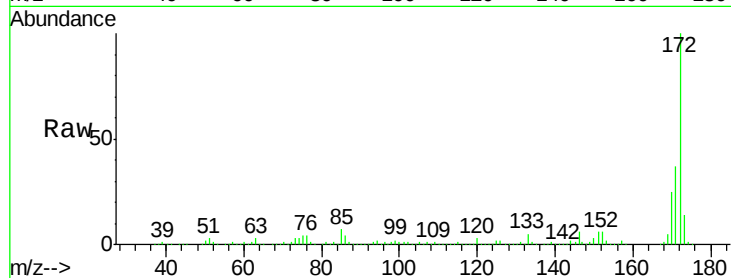




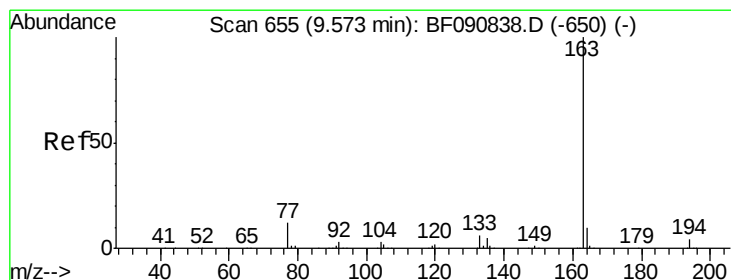
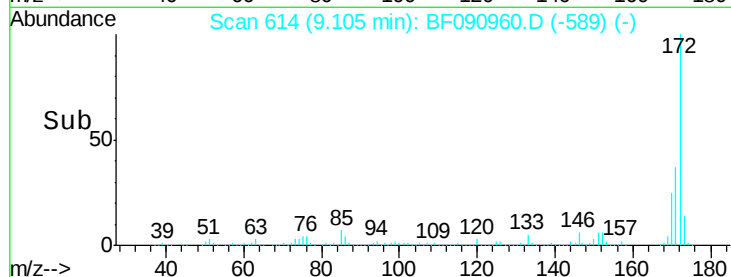
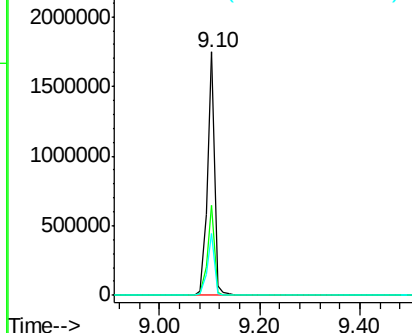
#44
2-Fluorobiphenyl
Concen: 81.96 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Instrument :
BNA_F
ClientSampleId :
SB-76-0.5-1.0

Tgt Ion:172 Resp: 1720249
Ion Ratio Lower Upper
172 100
171 37.1 26.1 39.1
170 25.5 17.4 26.2

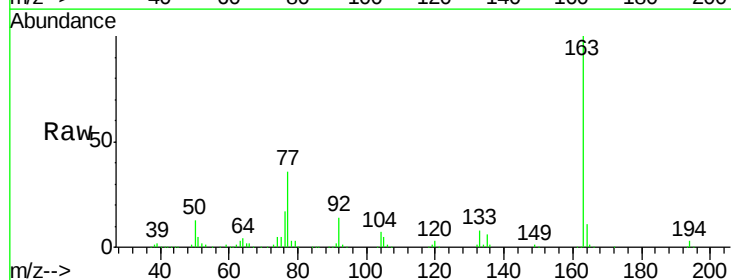


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

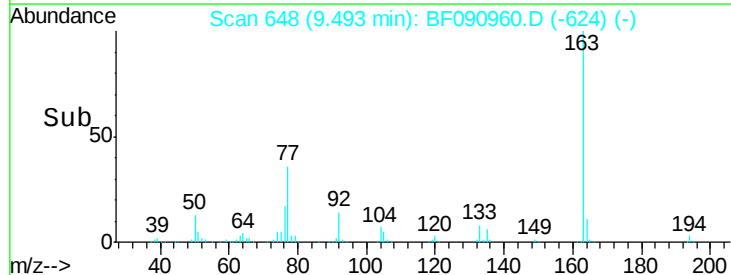
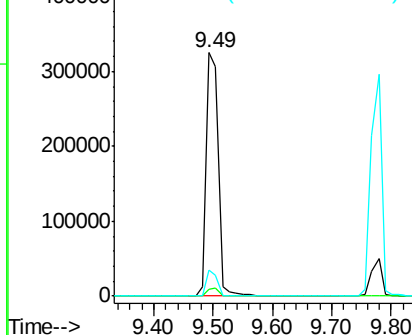


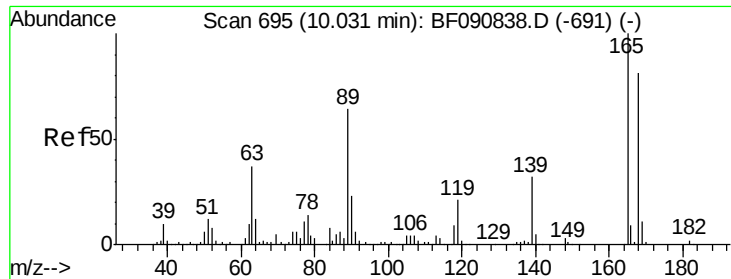
#49
Dimethylphthalate
Concen: 18.89 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Tgt Ion:163 Resp: 465166
Ion Ratio Lower Upper
163 100
194 2.6 4.4 6.6#
164 10.9 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

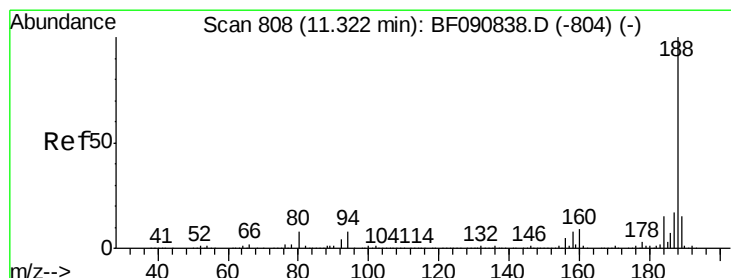
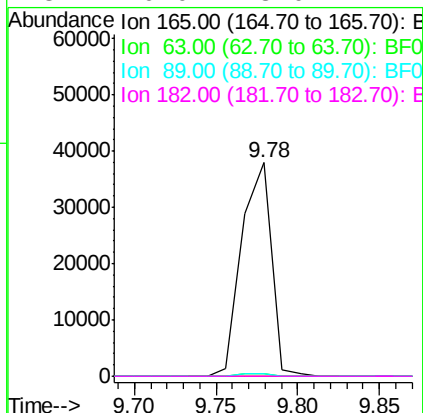
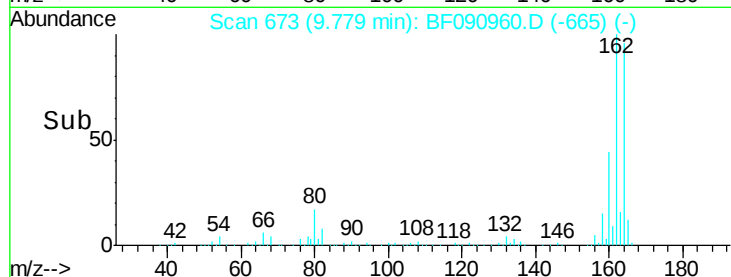
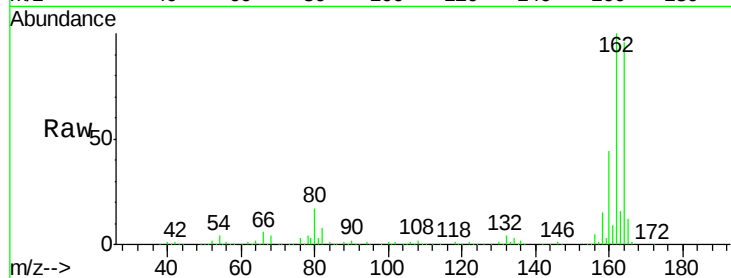




#56
 2,4-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF090960.D
 Acq: 1 Nov 2016 19:32

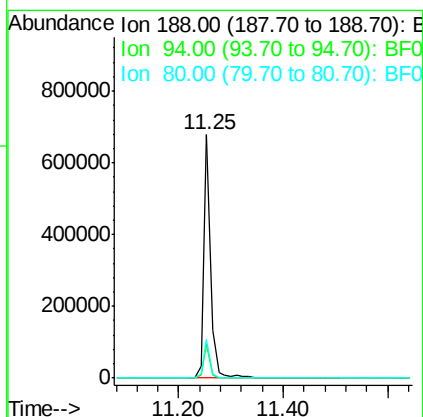
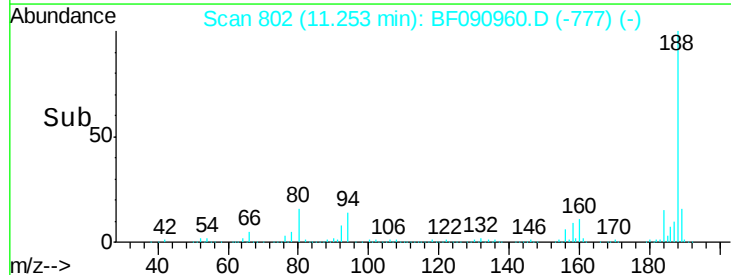
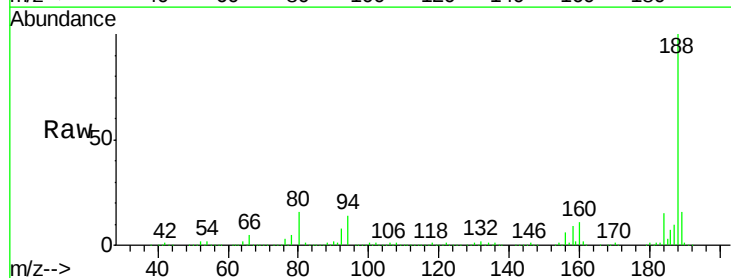
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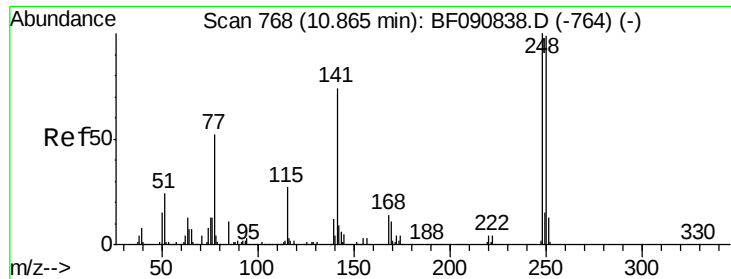
Tgt Ion:	165	Resp:	47795
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090960.D
 Acq: 1 Nov 2016 19:32

Tgt Ion:	188	Resp:	620935
Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.1	16.7
80	16.2	11.0	16.4

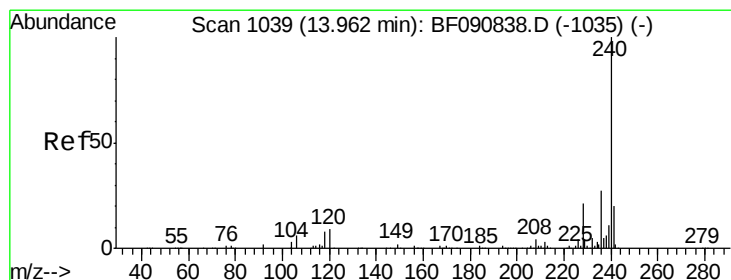
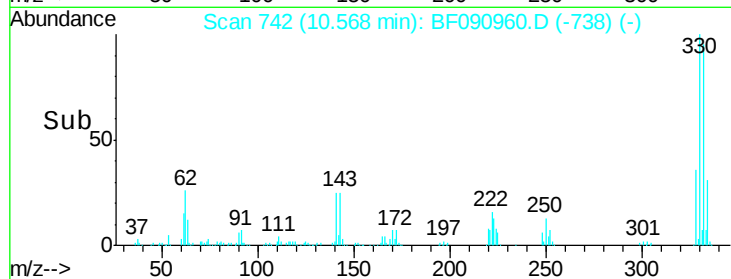
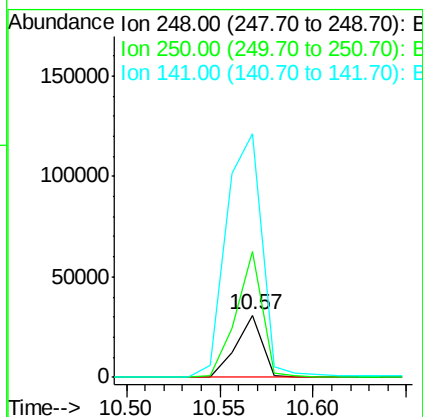
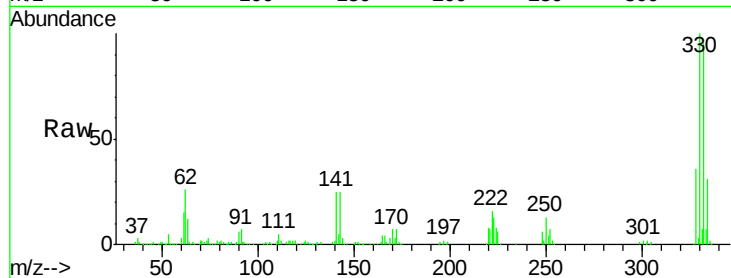




#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

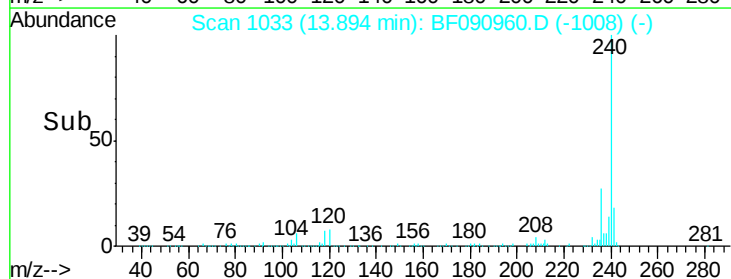
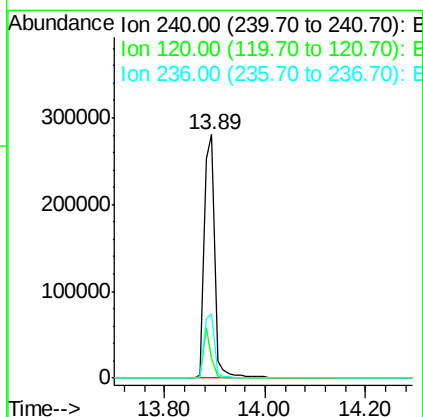
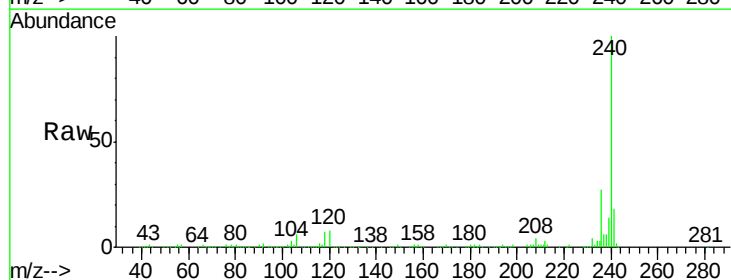
Instrument :
BNA_F
ClientSampleId :
SB-76-0.5-1.0

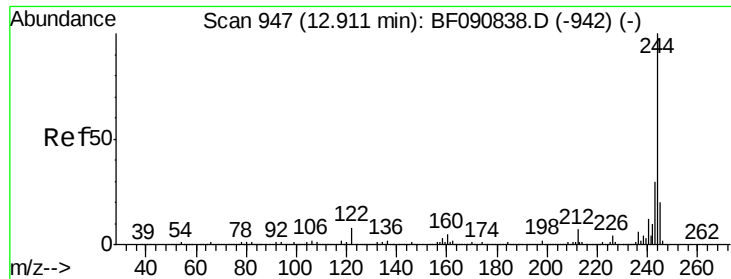
Tgt Ion:248 Resp: 30808
Ion Ratio Lower Upper
248 100
250 202.7 78.5 117.7#
141 390.7 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090960.D
Acq: 1 Nov 2016 19:32

Tgt Ion:240 Resp: 406691
Ion Ratio Lower Upper
240 100
120 8.2 16.2 24.2#
236 26.7 18.4 27.6





#78

Terphenyl-d14

Concen: 94.61 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090960.D

Acq: 1 Nov 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-76-0.5-1.0

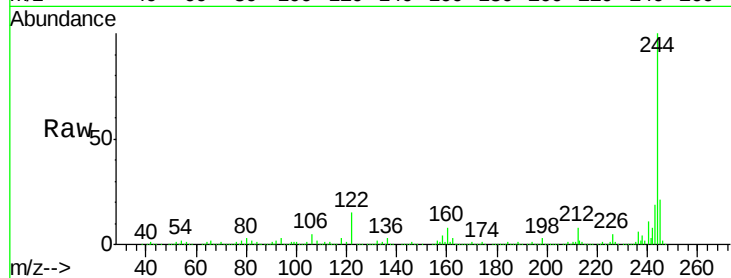
Tgt Ion:244 Resp: 1527235

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

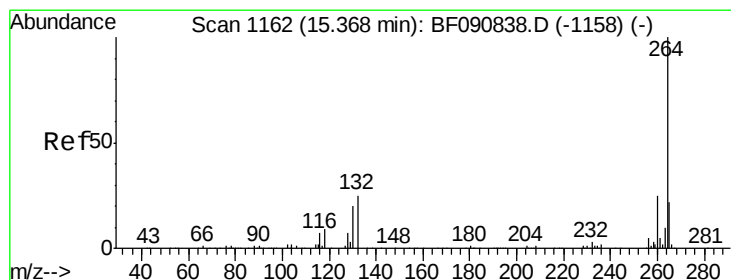
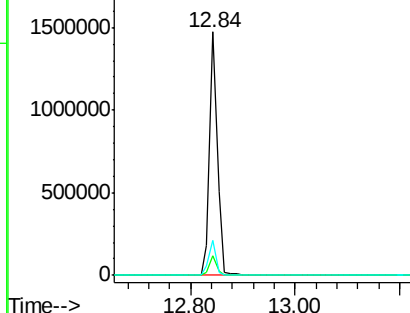
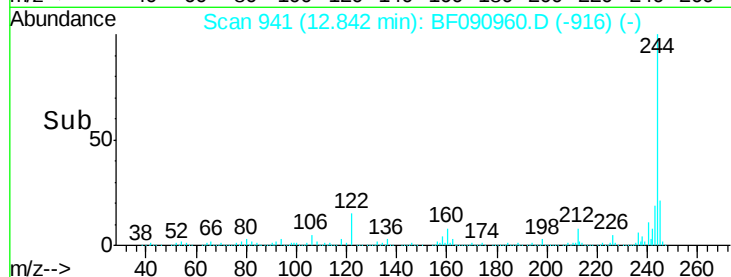
122 14.6 17.4 26.2#



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: BF090960.D

Acq: 1 Nov 2016 19:32

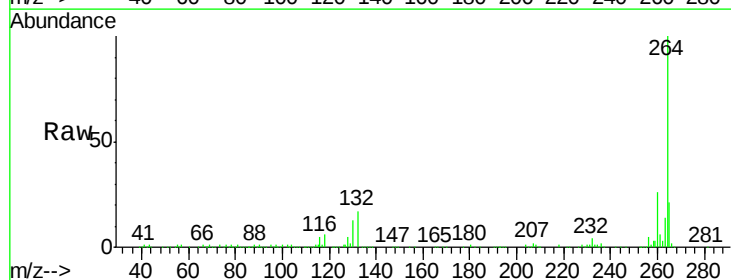
Tgt Ion:264 Resp: 287869

Ion Ratio Lower Upper

264 100

260 25.6 16.7 25.1#

265 21.4 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

