

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090029.D
 Acq On : 8 Sep 2016 17:26
 Operator : UM/SJ
 Sample : H4704-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-7.0-8.0

Quant Time: Sep 09 04:36:10 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

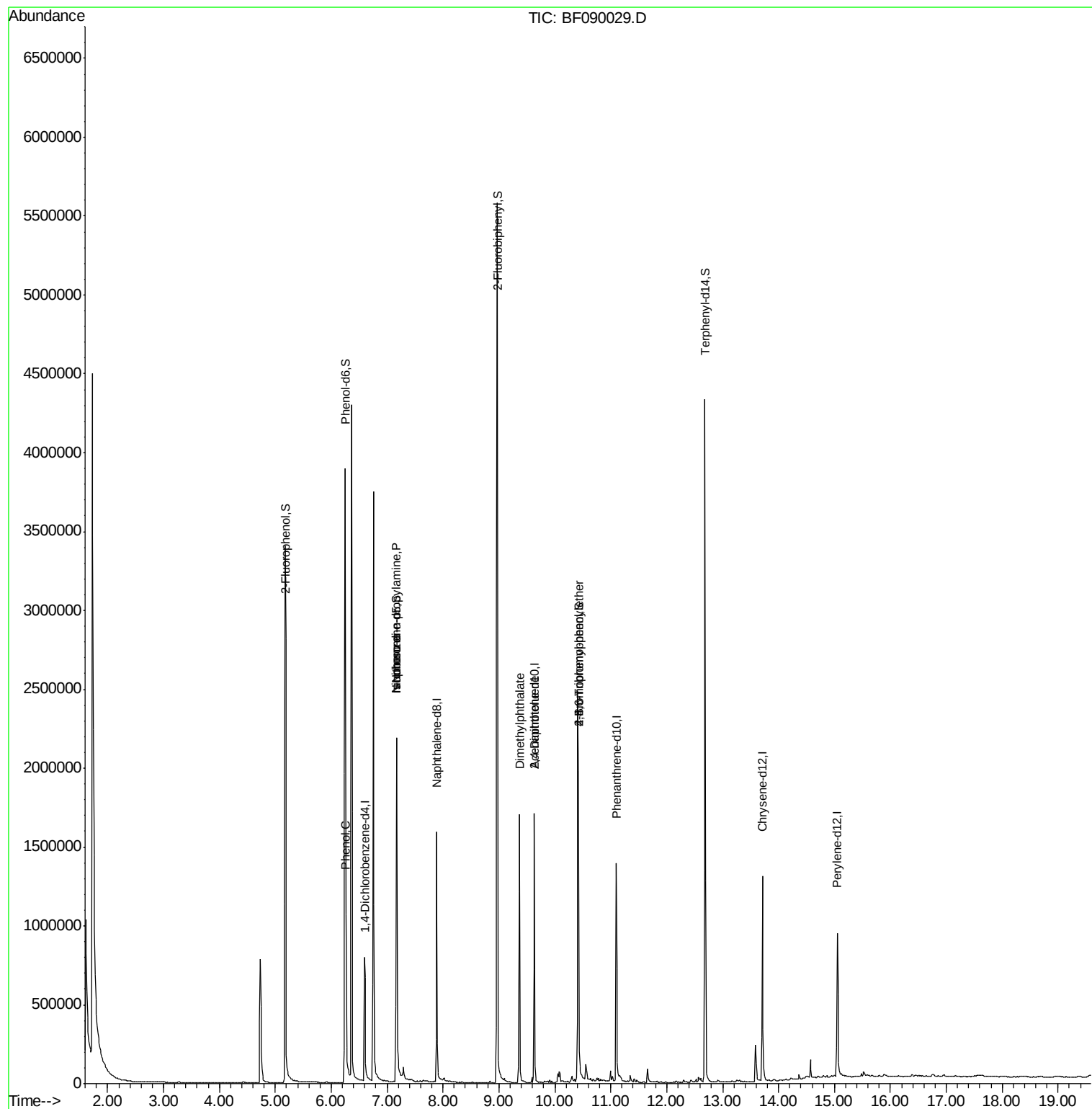
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196982	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	823761	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	415877	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	724444	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	513956	20.00	ng	-0.01
86) Perylene-d12	15.05	264	458033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1659505	134.85	ng	0.02
7) Phenol-d6	6.25	99	1915396	128.09	ng	0.00
23) Nitrobenzene-d5	7.16	82	1236480	87.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	516742	125.94	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	2291810	90.46	ng	0.00
78) Terphenyl-d14	12.68	244	1705397	81.97	ng	0.00
Target Compounds						
10) Phenol	6.26	94	41447	2.38	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.16	70	159043	16.32	ng	# 84
25) Isophorone	7.16	82	1105311	38.27	ng	# 65
49) Dimethylphthalate	9.37	163	1072717	35.69	ng	# 98
56) 2,4-Dinitrotoluene	9.63	165	52787	6.23	ng	# 29
66) 4-Bromophenyl-phenylether	10.42	248	32930	4.52	ng	# 1

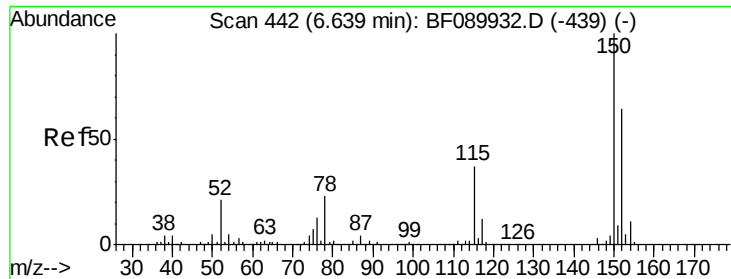
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090029.D

Acq: 8 Sep 2016 17:26

Instrument :

BNA_F

ClientSampleId :

SB-2-7.0-8.0

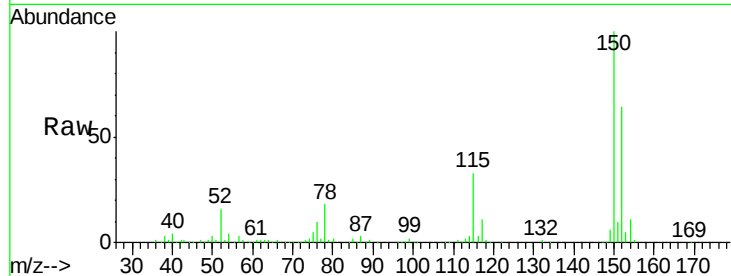
Tgt Ion:152 Resp: 196982

Ion Ratio Lower Upper

152 100

150 156.3 127.4 191.2

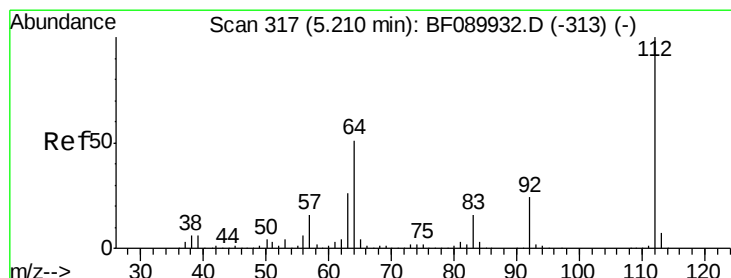
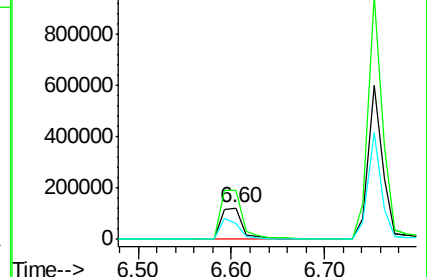
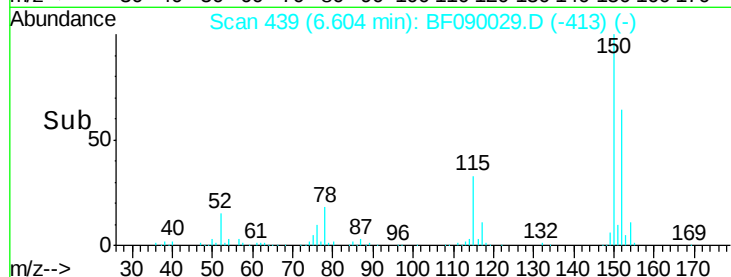
115 51.7 46.3 69.5



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: 134.85 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF090029.D

Acq: 8 Sep 2016 17:26

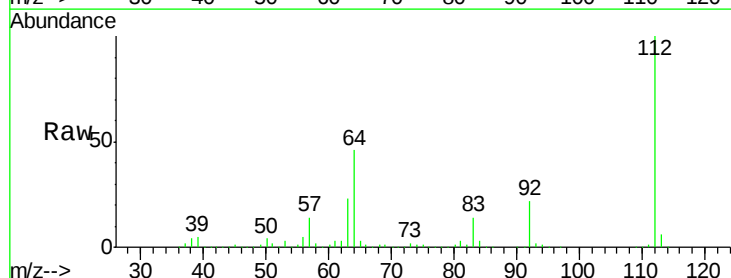
Tgt Ion:112 Resp: 1659505

Ion Ratio Lower Upper

112 100

64 45.8 41.1 61.7

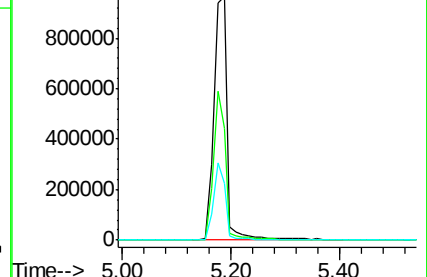
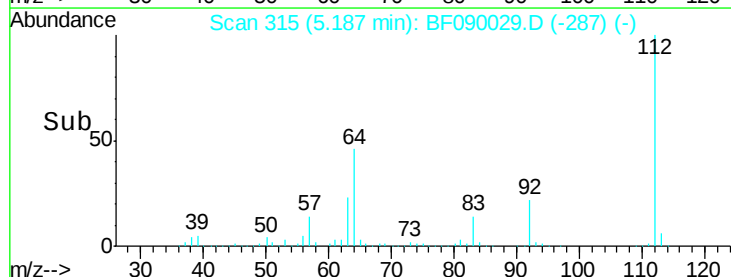
63 23.4 21.2 31.8

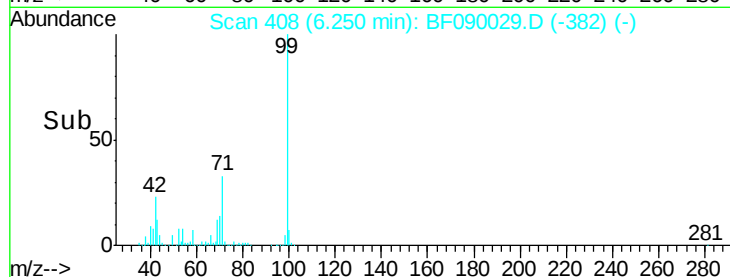
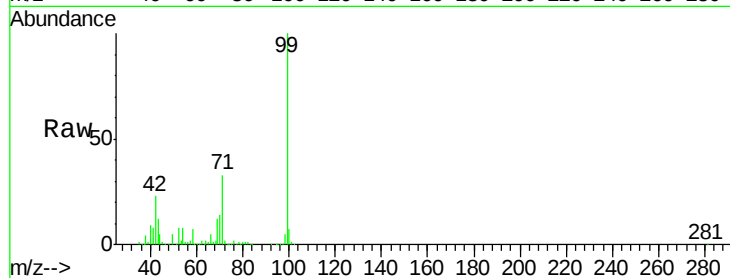
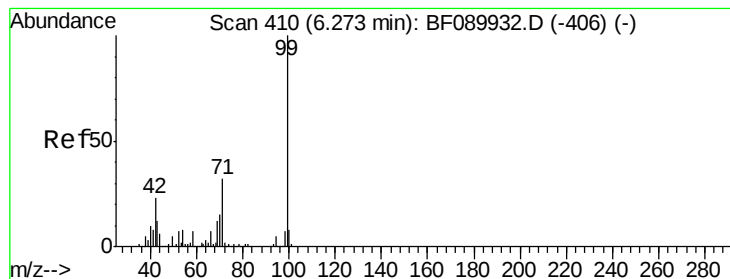


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.09 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090029.D

Acq: 8 Sep 2016 17:26

Instrument :

BNA_F

ClientSampleId :

SB-2-7.0-8.0

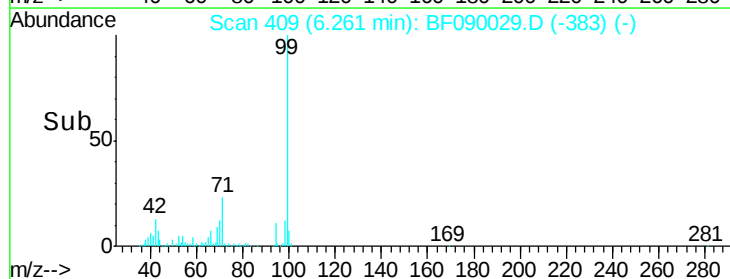
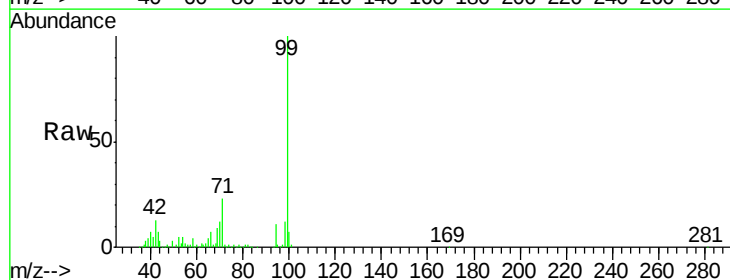
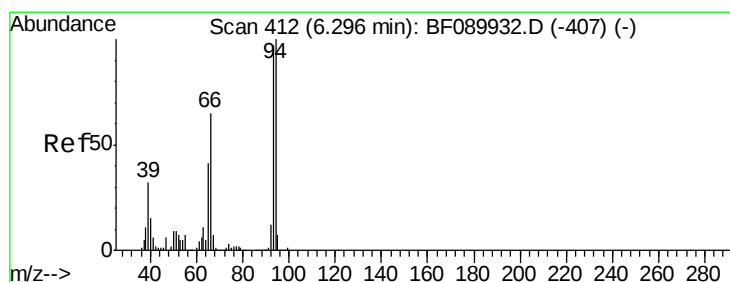
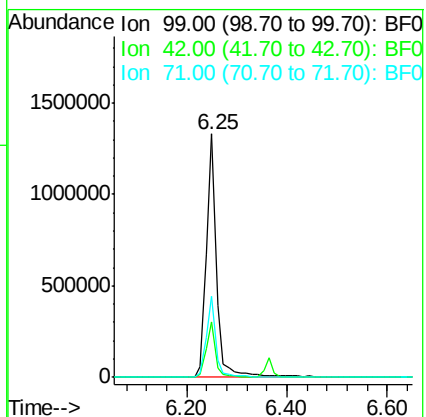
Tgt Ion: 99 Resp: 1915396

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

71 33.2 25.8 38.6



#10

Phenol

Concen: 2.38 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF090029.D

Acq: 8 Sep 2016 17:26

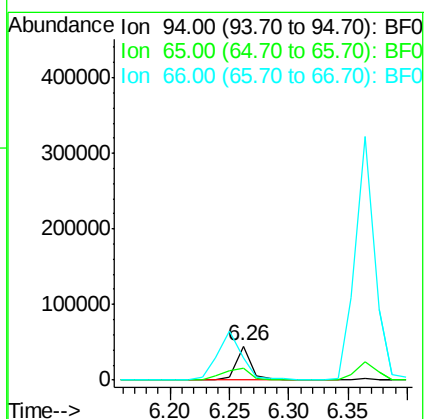
Tgt Ion: 94 Resp: 41447

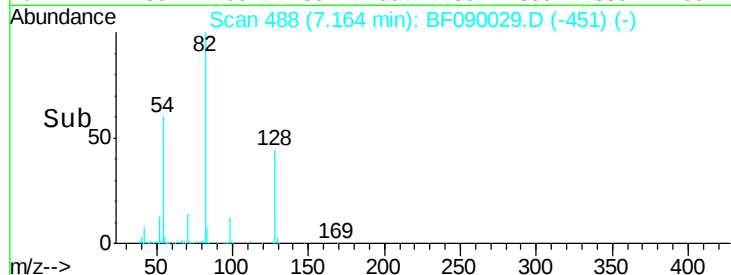
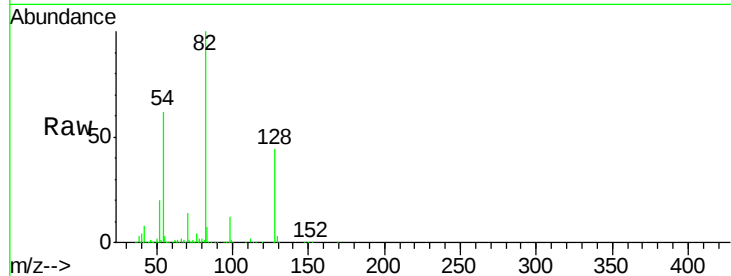
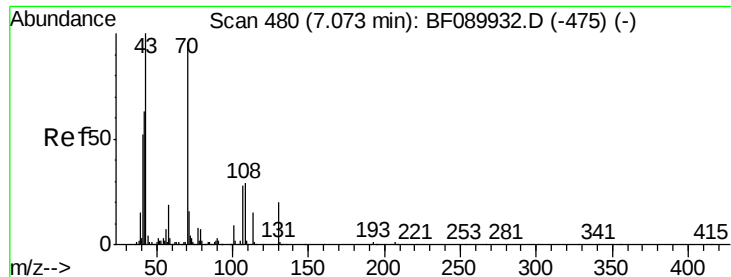
Ion Ratio Lower Upper

94 100

65 35.2 23.2 63.2

66 64.0 49.2 89.2

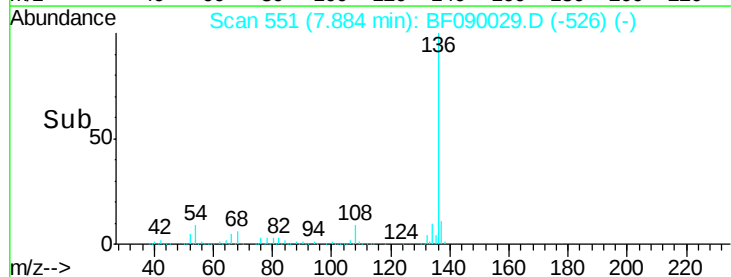
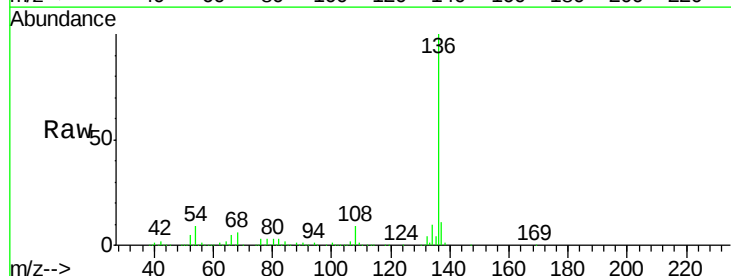
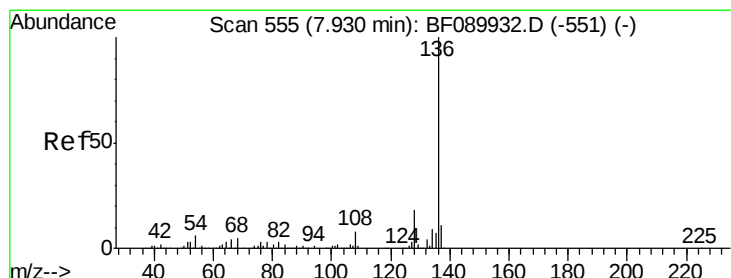
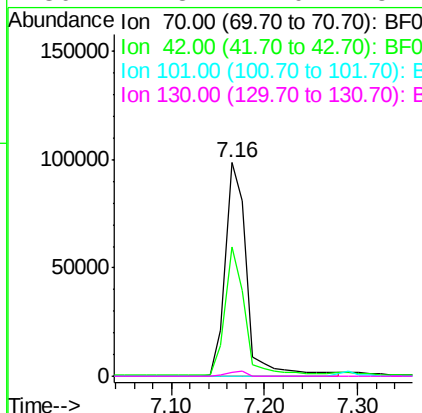




#19
n-Nitroso-di-n-propylamine
Concen: 16.32 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

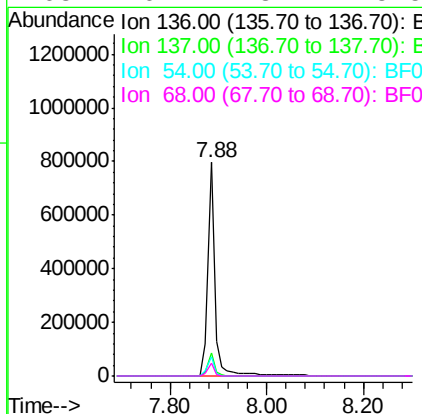
Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

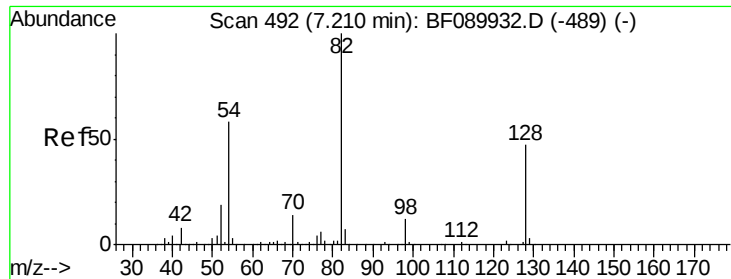
Tgt Ion: 70 Resp: 159043
Ion Ratio Lower Upper
70 100
42 60.4 52.1 78.1
101 0.0 7.4 11.2#
130 1.8 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion: 136 Resp: 823761
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 8.9 4.8 7.2#
68 6.1 3.7 5.5#

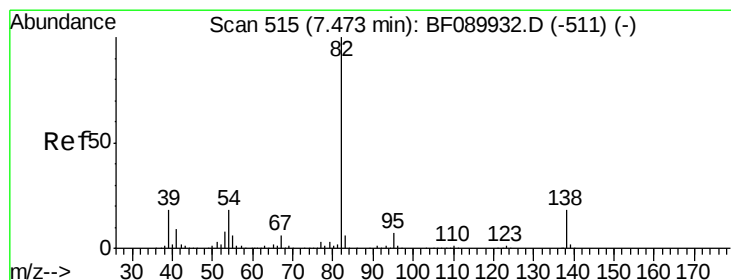
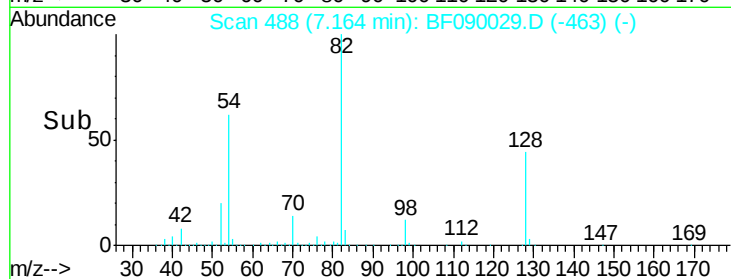
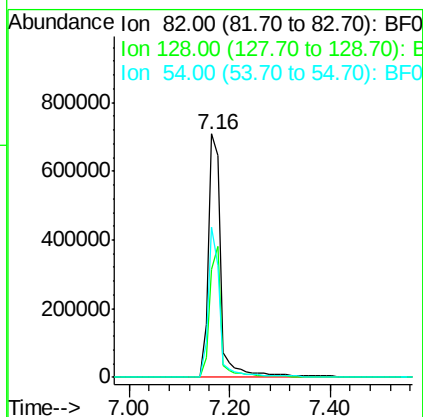
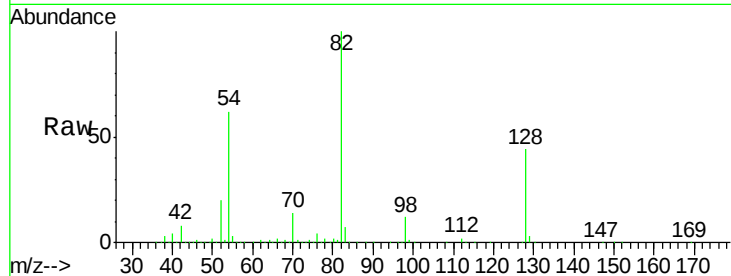




#23
 Nitrobenzene-d5
 Concen: 87.05 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

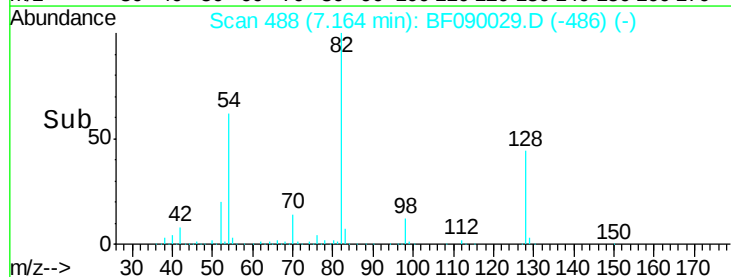
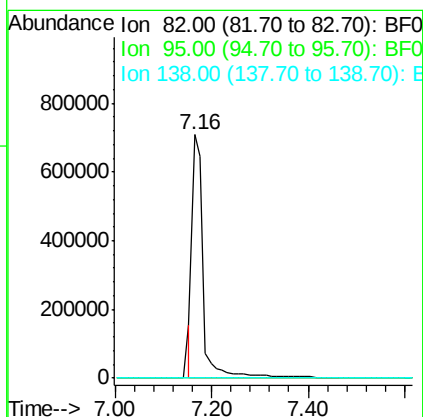
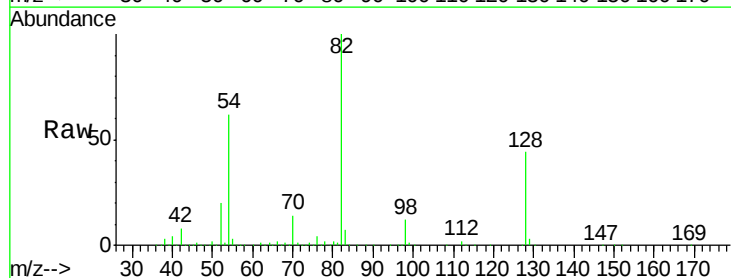
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-7.0-8.0

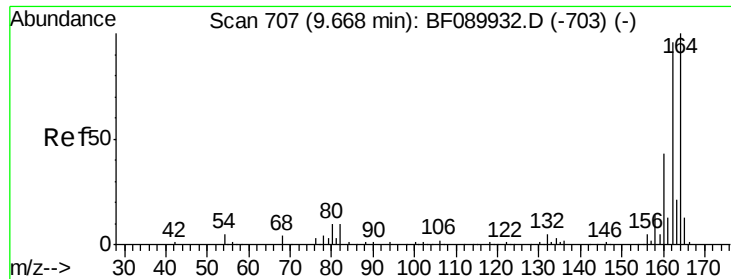
Tgt Ion: 82 Resp: 1236480
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.8 56.8
 54 61.6 46.9 70.3



#25
 Isophorone
 Concen: 38.27 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.27 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Tgt Ion: 82 Resp: 1105311
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#

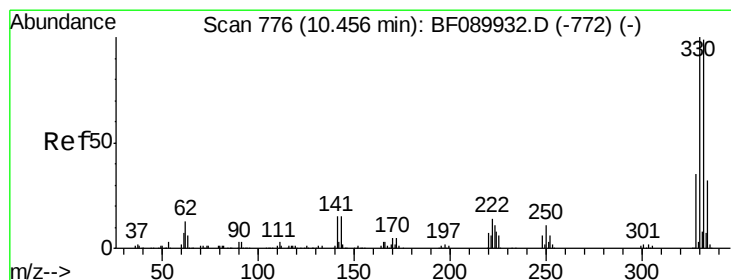
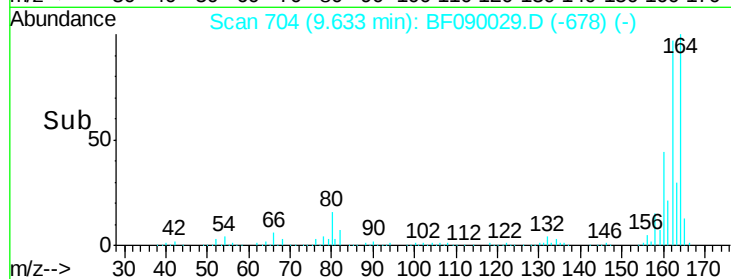
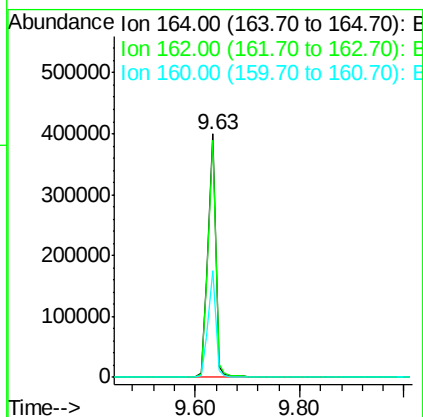
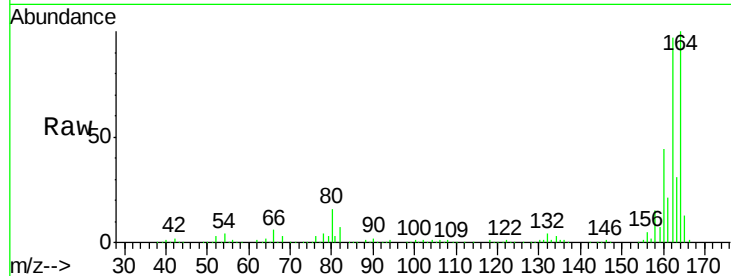




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

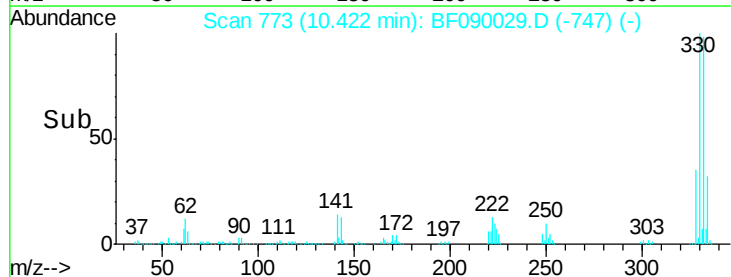
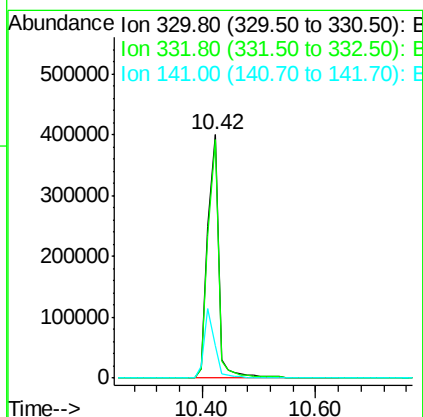
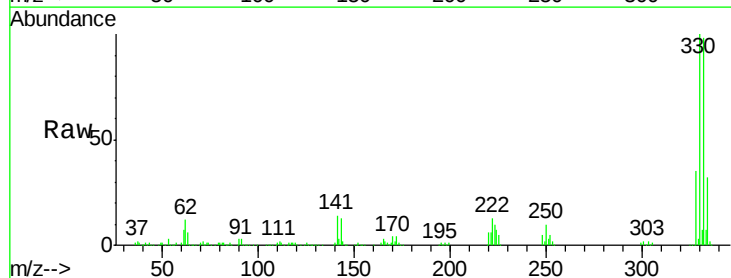
Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

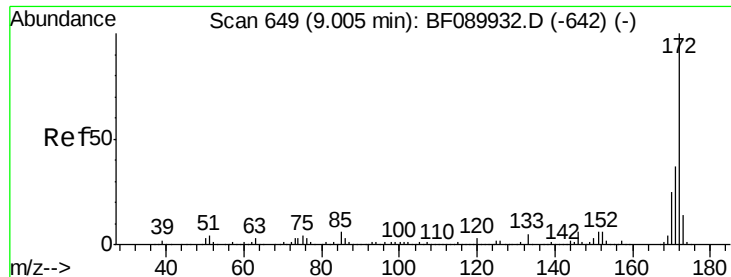
Tgt Ion:164 Resp: 415877
Ion Ratio Lower Upper
164 100
162 97.3 77.1 115.7
160 44.0 35.3 52.9



#41
2,4,6-Tribromophenol
Concen: 125.94 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:330 Resp: 516742
Ion Ratio Lower Upper
330 100
332 96.6 78.6 117.8
141 27.7 23.3 34.9

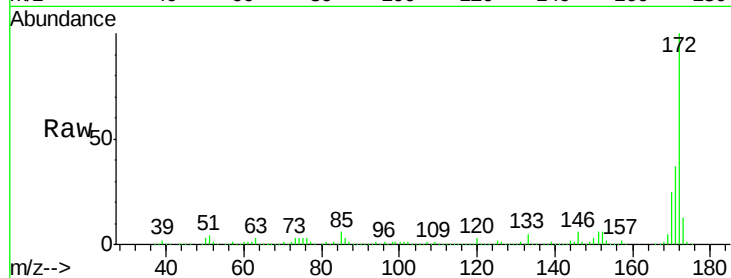




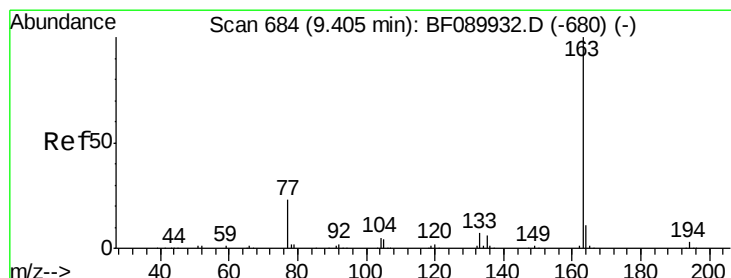
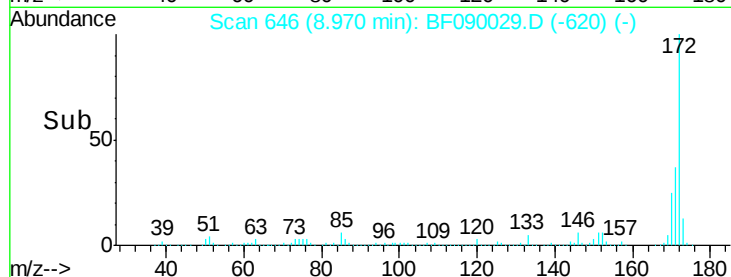
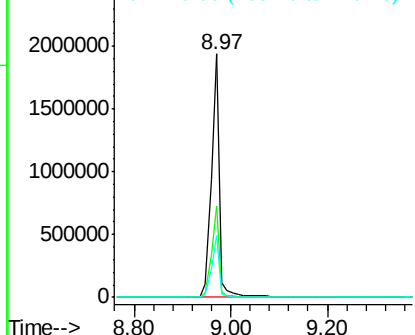
#44
 2-Fluorobiphenyl
 Concen: 90.46 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-7.0-8.0

Tgt Ion:172 Resp: 2291810
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.2
 170 25.3 20.1 30.1

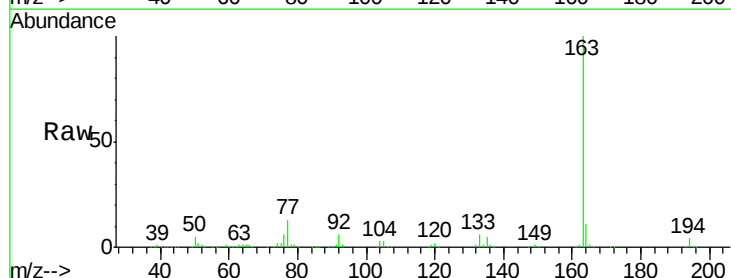


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

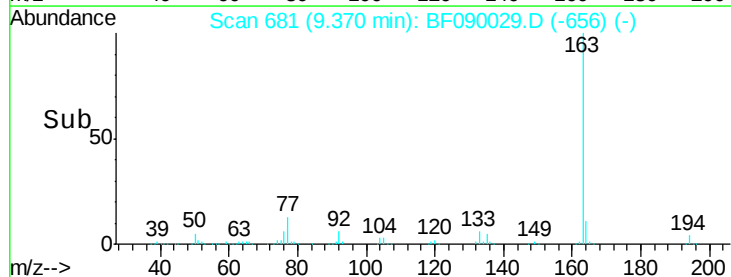
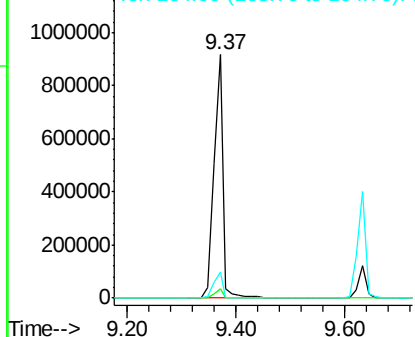


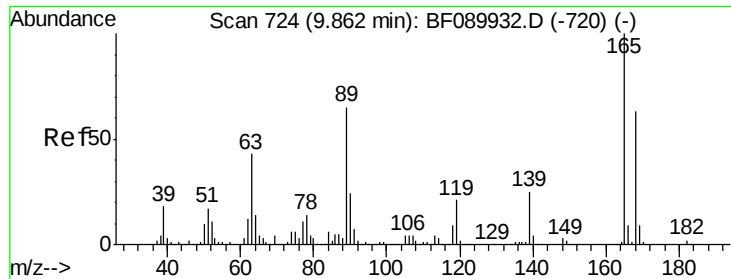
#49
 Dimethylphthalate
 Concen: 35.69 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Tgt Ion:163 Resp: 1072717
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.6 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

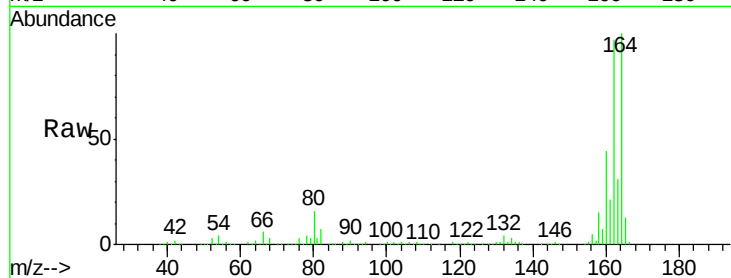




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.19 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-7.0-8.0

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

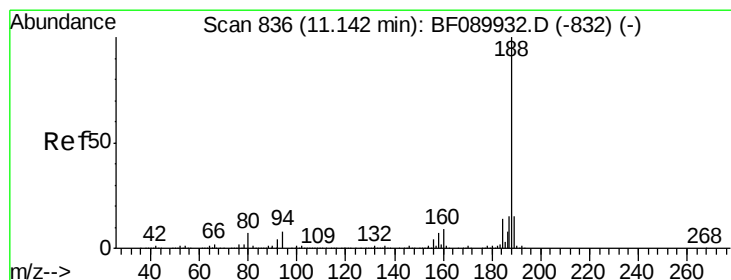
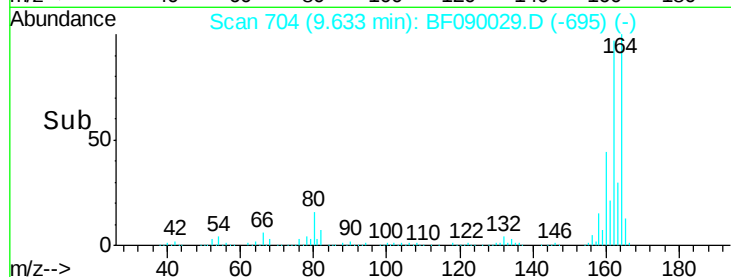
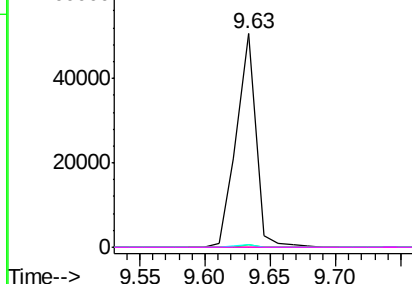


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

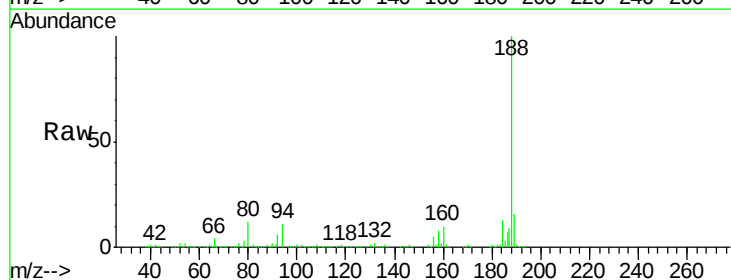
Ion 89.00 (88.70 to 89.70): BF0

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: BF090029.D
 Acq: 8 Sep 2016 17:26

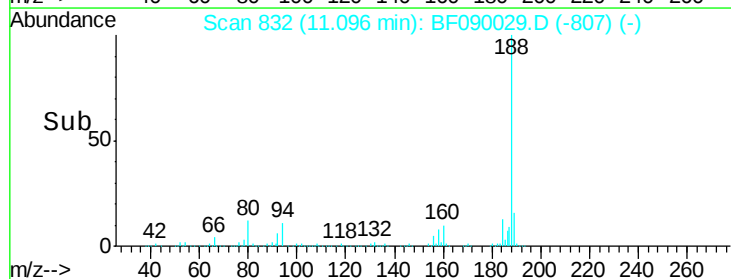
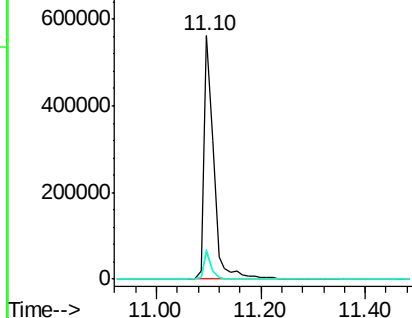
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.9	8.9#
80	12.2	5.8	8.8#

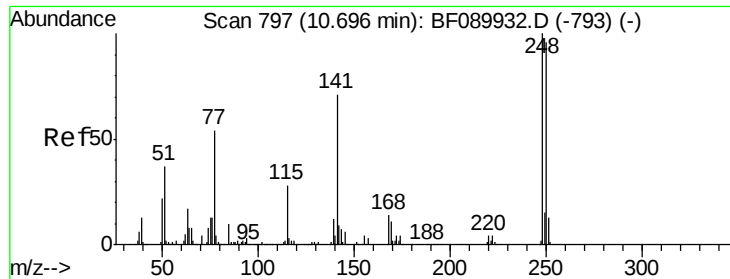


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.24 min

Lab File: BF090029.D

Acq: 8 Sep 2016 17:26

Instrument :

BNA_F

ClientSampled :

SB-2-7.0-8.0

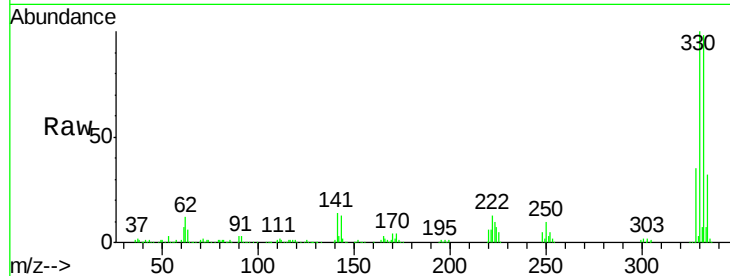
Tgt Ion:248 Resp: 32930

Ion Ratio Lower Upper

248 100

250 197.1 77.3 115.9#

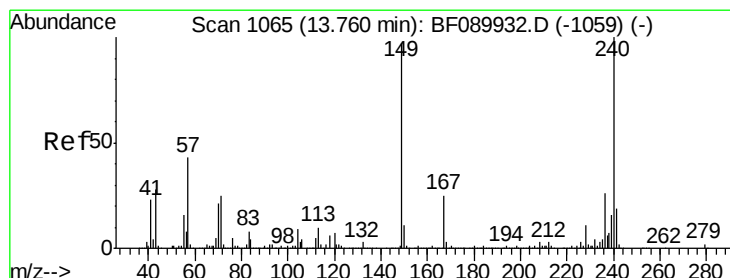
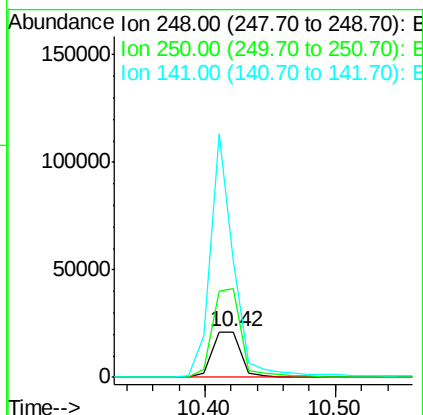
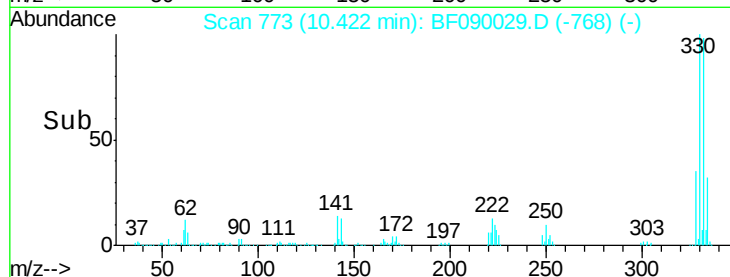
141 257.3 55.8 83.8#



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: BF090029.D

Acq: 8 Sep 2016 17:26

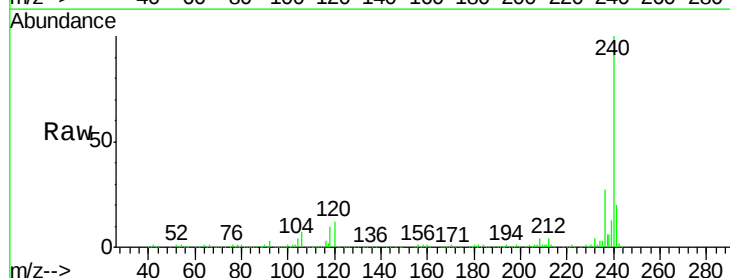
Tgt Ion:240 Resp: 513956

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

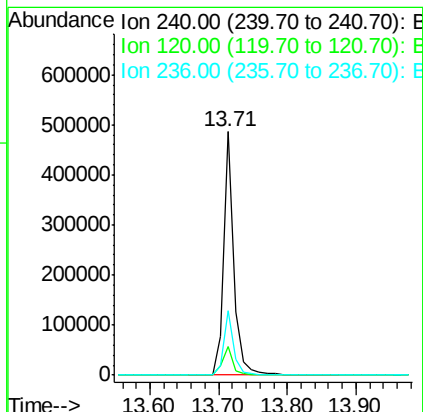
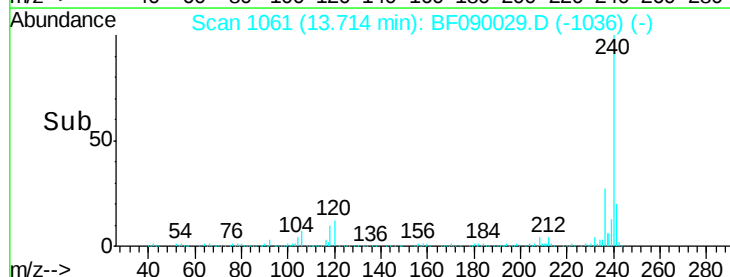
236 26.5 21.3 31.9

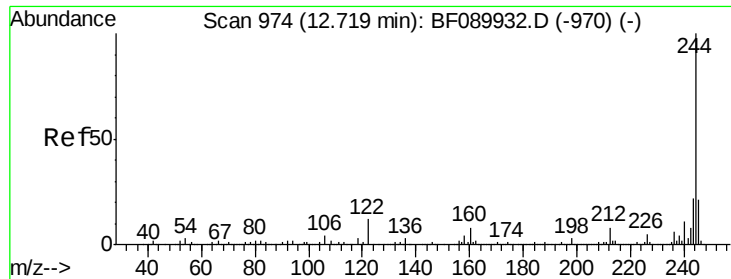


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

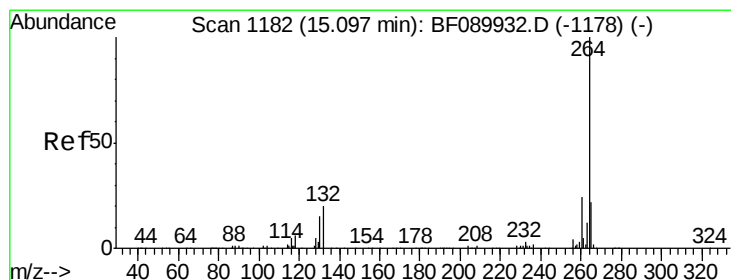
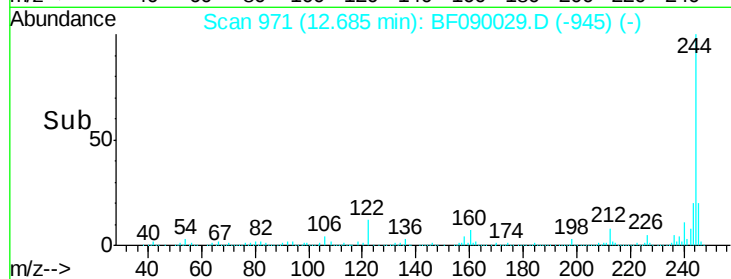
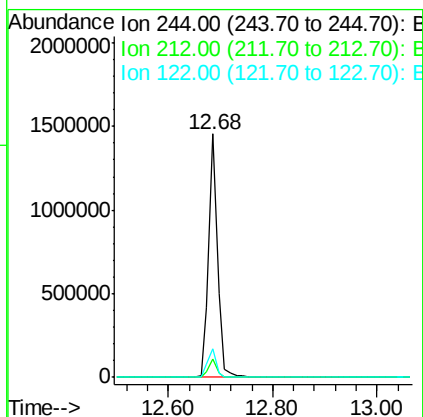
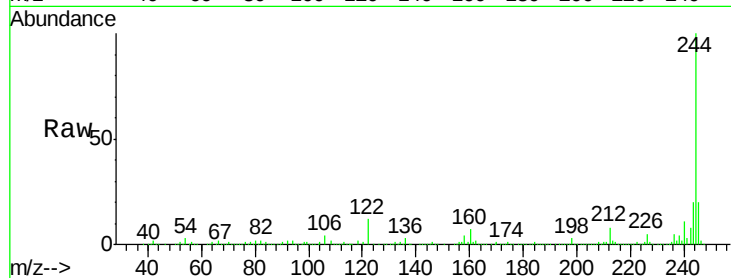




#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 12.68 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-7.0-8.0

Tgt Ion:244 Resp: 1705397
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090029.D
 Acq: 8 Sep 2016 17:26

Tgt Ion:264 Resp: 458033
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.0 17.4 26.2

