

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090006.D
 Acq On : 7 Sep 2016 15:49
 Operator : UM/SJ
 Sample : H4676-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB-(0-2)-9

Quant Time: Sep 07 16:45:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

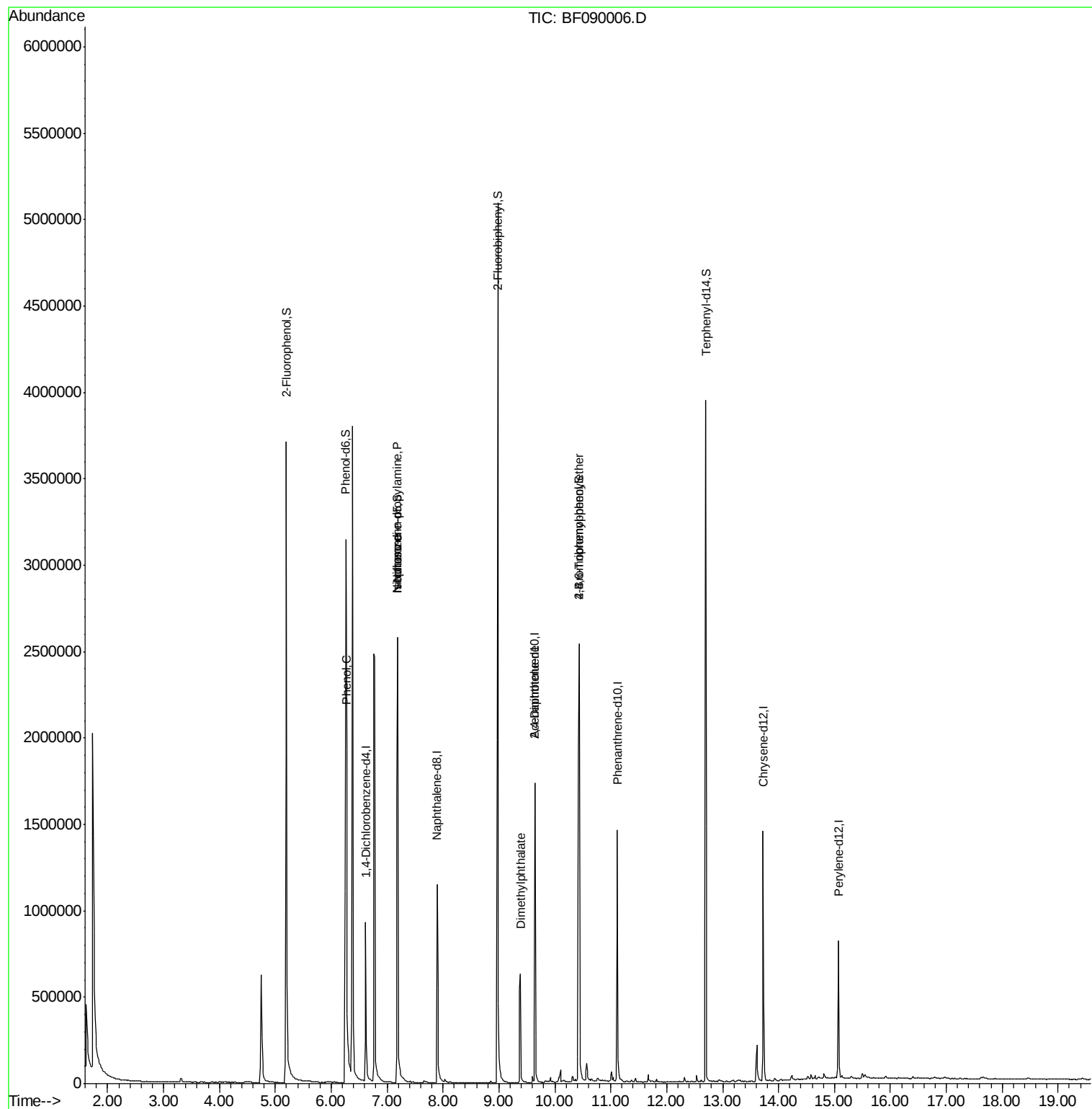
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	183209	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	721042	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	387223	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	737819	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	513638	20.00	ng	-0.03
86) Perylene-d12	15.07	264	407366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1445377	126.28	ng	-0.01
7) Phenol-d6	6.26	99	1883582	135.43	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1184949	95.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	455695	119.28	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1901051	80.59	ng	-0.02
78) Terphenyl-d14	12.70	244	1494702	71.89	ng	-0.03
Target Compounds						
10) Phenol	6.27	94	33573	2.08	ng	# 44
19) n-Nitroso-di-n-propylamine	7.19	70	156809	17.30	ng	# 79
25) Isophorone	7.19	82	1155164	45.69	ng	# 65
49) Dimethylphthalate	9.38	163	440699	15.75	ng	98
56) 2,4-Dinitrotoluene	9.64	165	48476	6.14	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	30482	4.10	ng	# 1

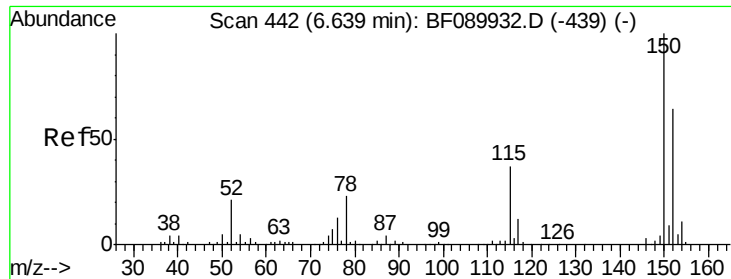
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TEMP-AB-(0-2)-9

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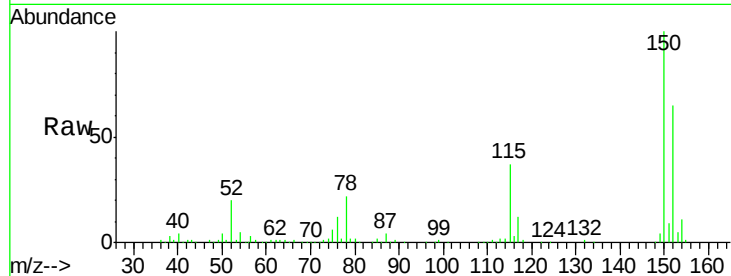


#1

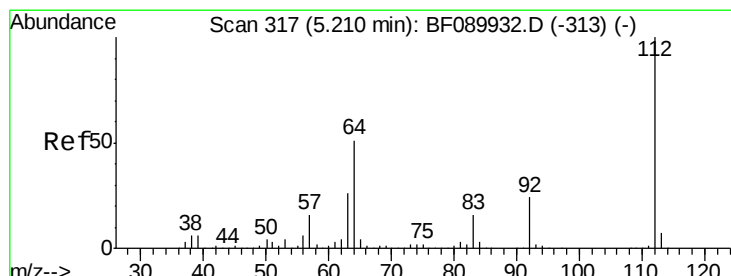
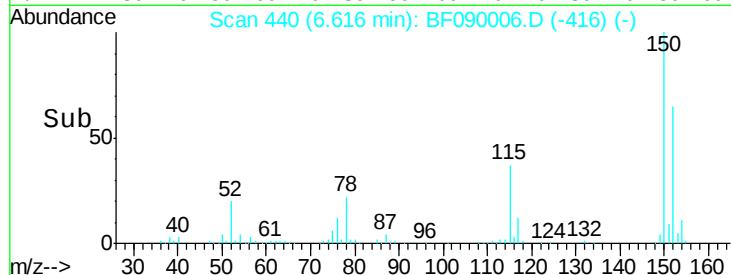
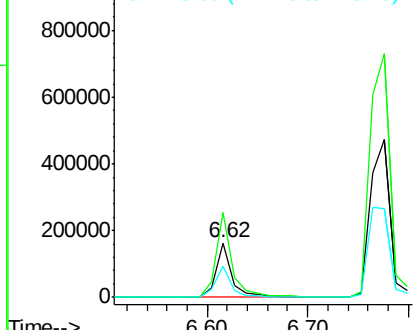
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEMP-AB-(0-2)-9

Tot Ion:152 Resp: 183209
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 56.8 46.3 69.5



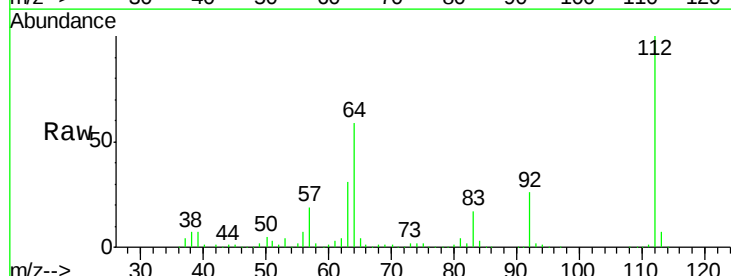
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



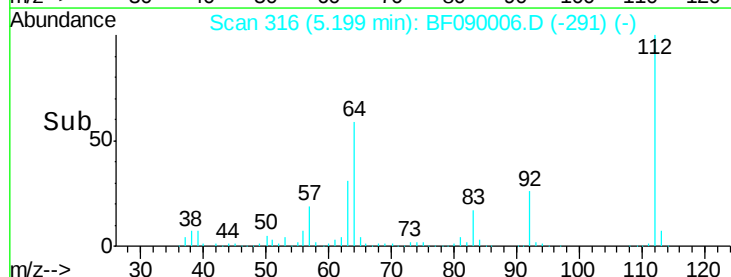
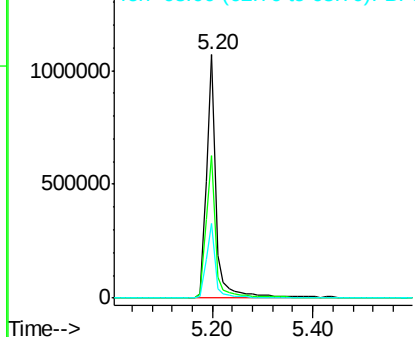
#5

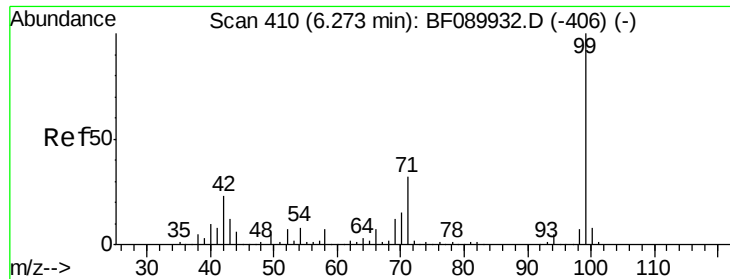
2-Fluorophenol
Concen: 126.28 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

Tgt Ion:112 Resp: 1445377
Ion Ratio Lower Upper
112 100
64 58.7 41.1 61.7
63 30.7 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: 135.43 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

Instrument :

BNA_F

ClientSampleId :

TEMP-AB-(0-2)-9

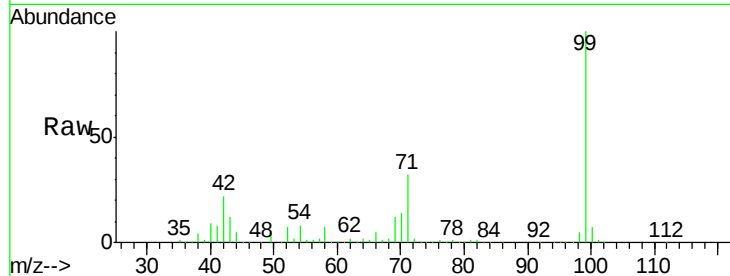
Tot Ion: 99 Resp: 1883582

Ion Ratio Lower Upper

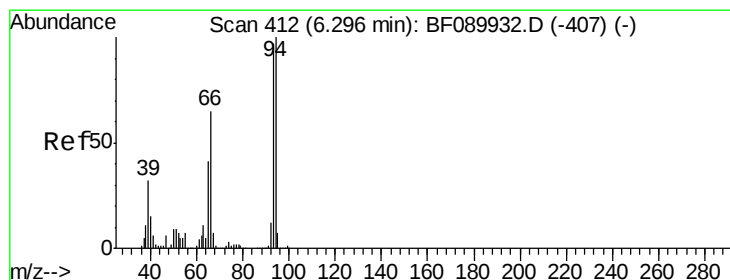
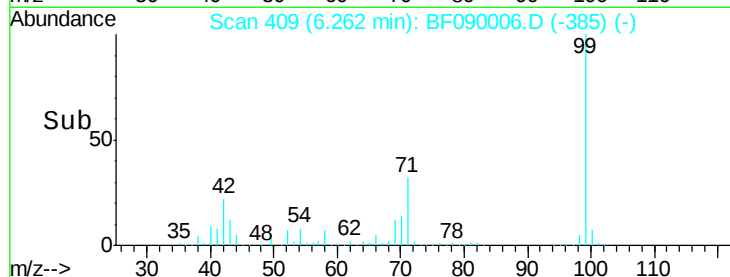
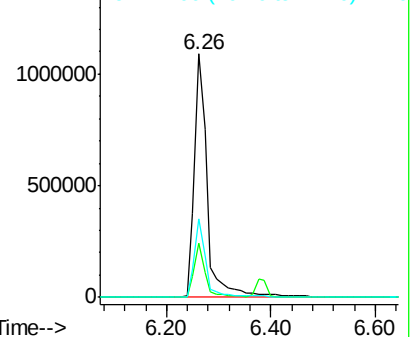
99 100

42 22.4 18.6 27.8

71 32.3 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



#10

Phenol

Concen: 2.08 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

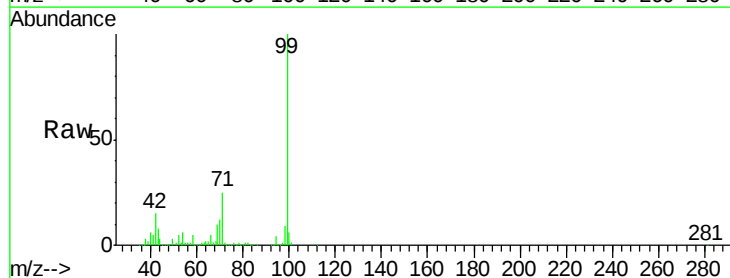
Tgt Ion: 94 Resp: 33573

Ion Ratio Lower Upper

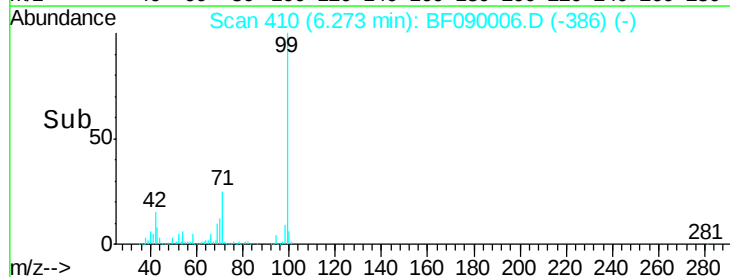
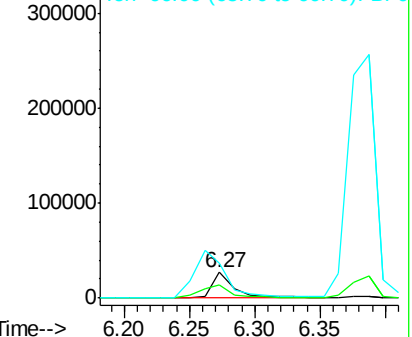
94 100

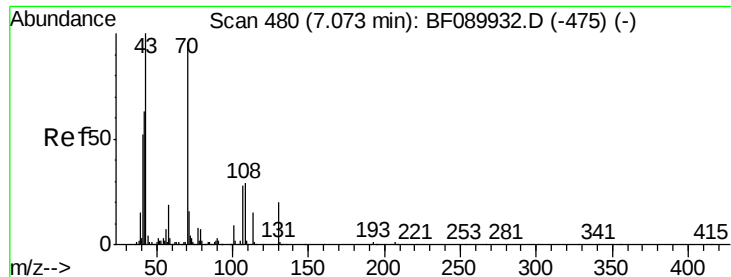
65 51.5 23.2 63.2

66 136.6 49.2 89.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

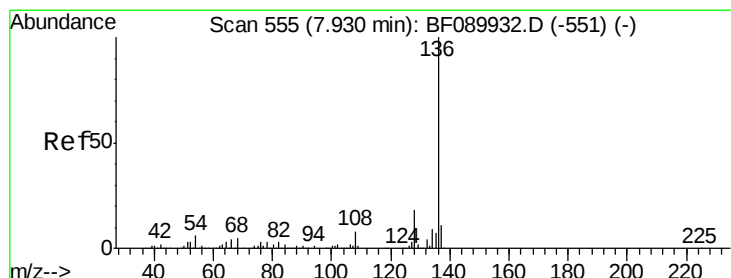
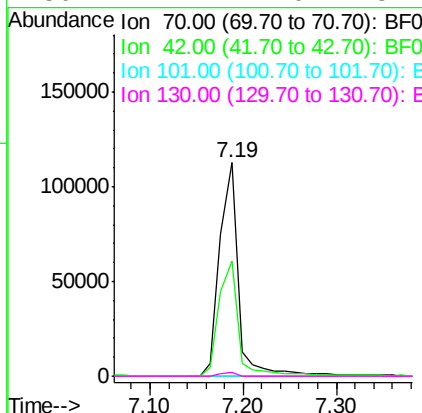
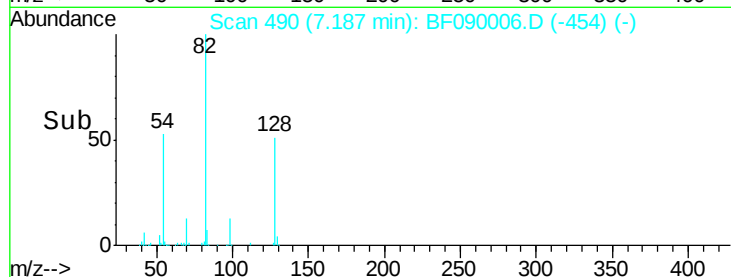
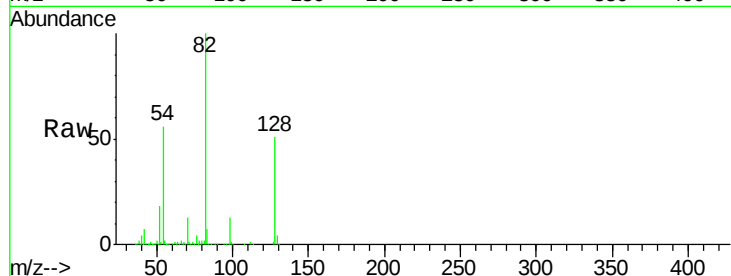




#19
n-Nitroso-di-n-propylamine
Concen: 17.30 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

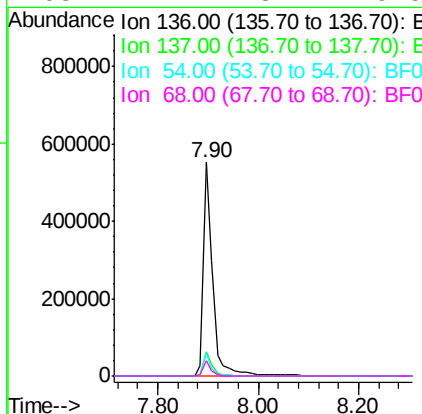
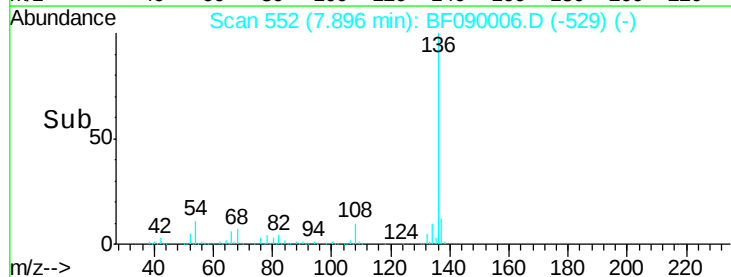
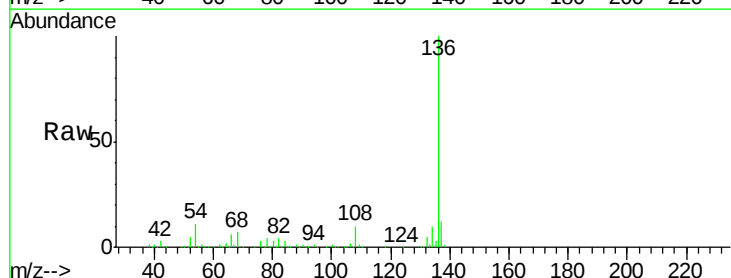
Instrument :
BNA_F
ClientSampleId :
TEMP-AB-(0-2)-9

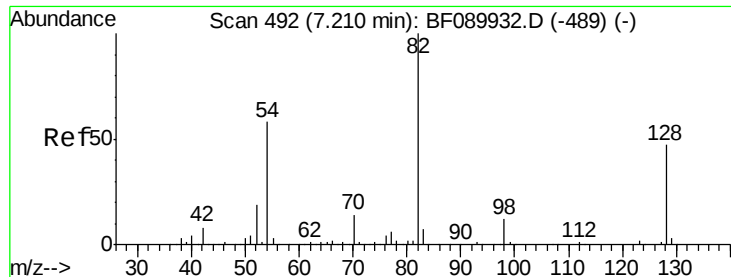
Tot Ion: 70 Resp: 156809
Ion Ratio Lower Upper
70 100
42 53.8 52.1 78.1
101 0.0 7.4 11.2#
130 2.1 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

Tgt Ion:136 Resp: 721042
Ion Ratio Lower Upper
136 100
137 11.7 8.3 12.5
54 10.8 4.8 7.2#
68 7.2 3.7 5.5#

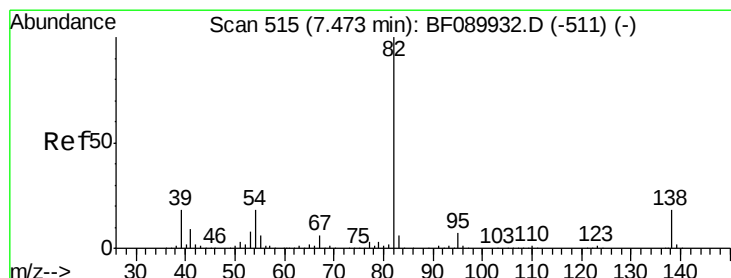
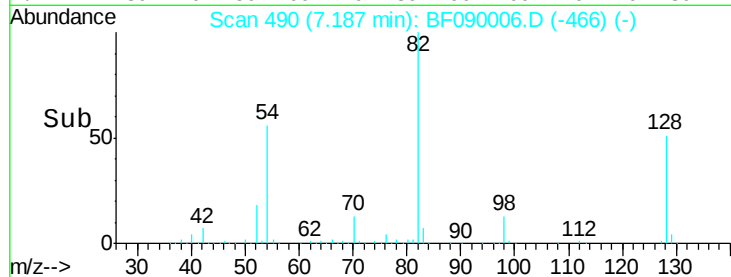
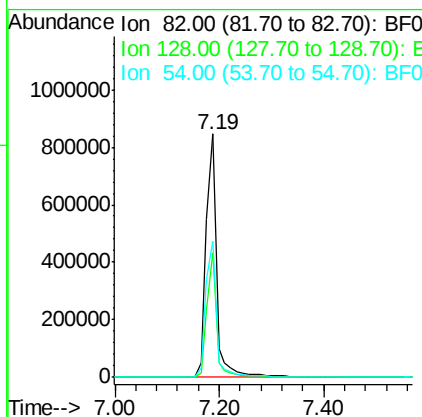
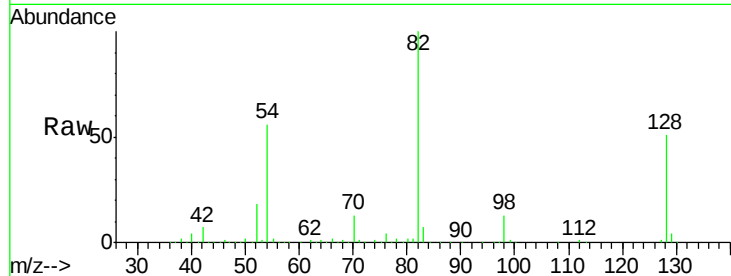




#23
 Nitrobenzene-d5
 Concen: 95.31 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

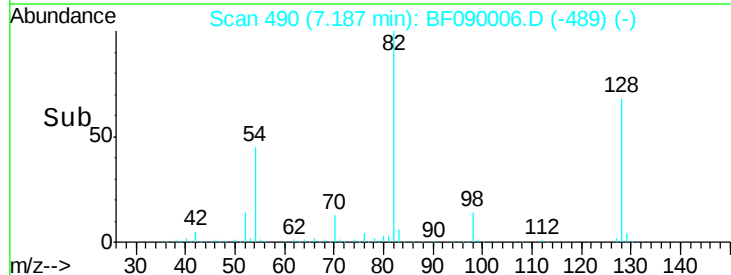
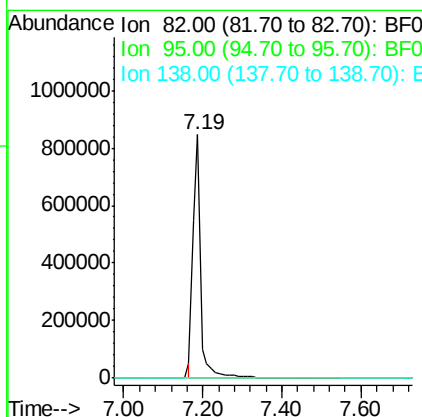
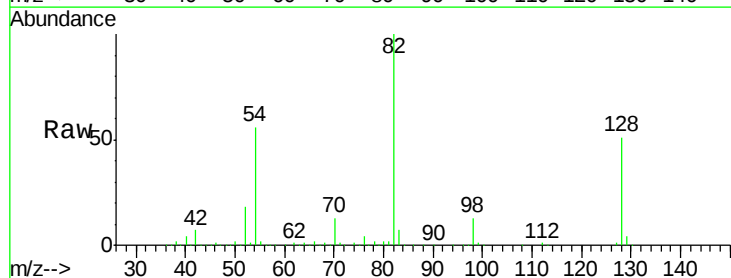
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB-(0-2)-9

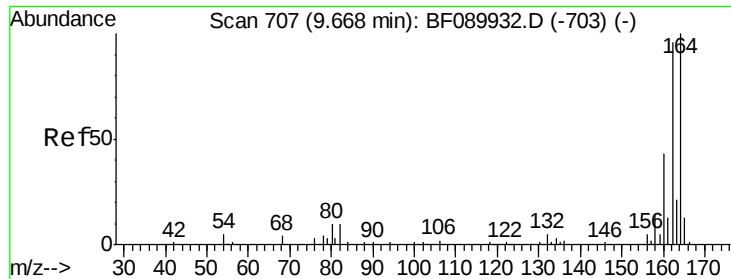
Tot Ion: 82 Resp: 1184949
 Ion Ratio Lower Upper
 82 100
 128 51.1 37.8 56.8
 54 56.0 46.9 70.3



#25
 Isophorone
 Concen: 45.69 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

Tgt Ion: 82 Resp: 1155164
 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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

Instrument :

BNA_F

ClientSampleId :

TEMP-AB-(0-2)-9

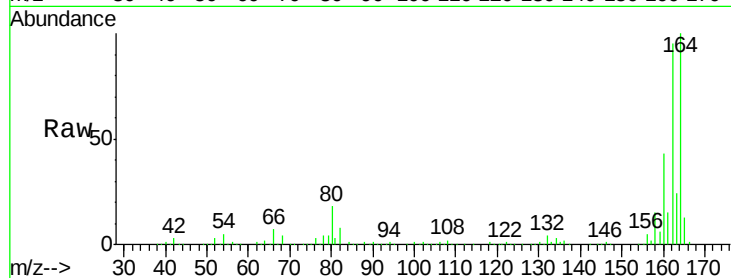
Tot Ion:164 Resp: 387223

Ion Ratio Lower Upper

164 100

162 95.3 77.1 115.7

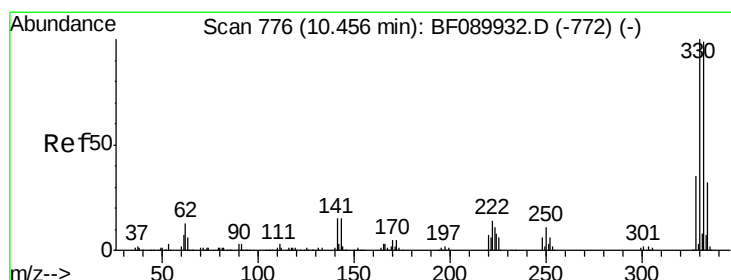
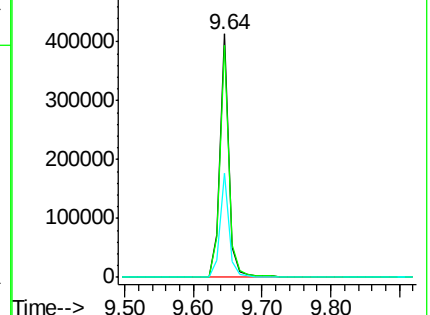
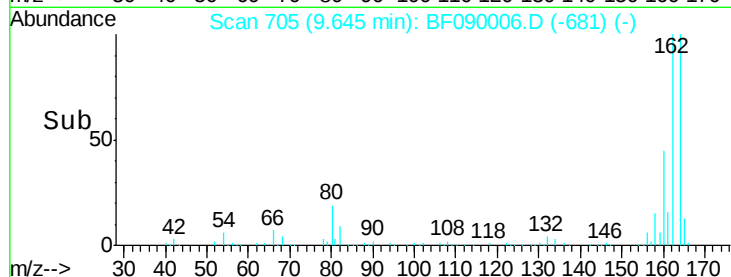
160 42.8 35.3 52.9



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: 119.28 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

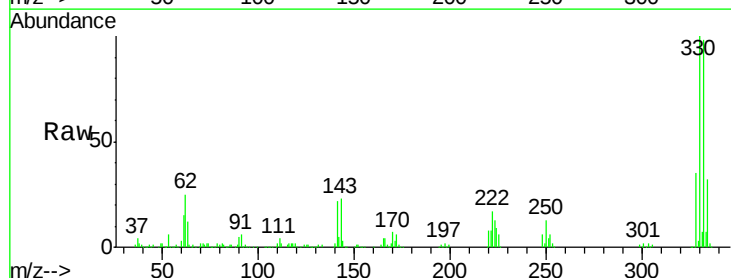
Tgt Ion:330 Resp: 455695

Ion Ratio Lower Upper

330 100

332 97.6 78.6 117.8

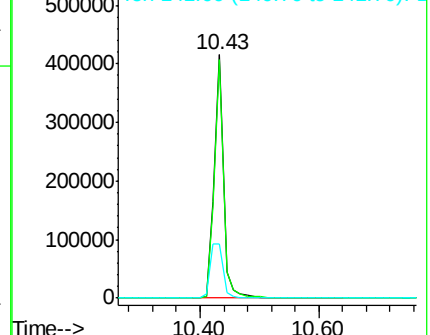
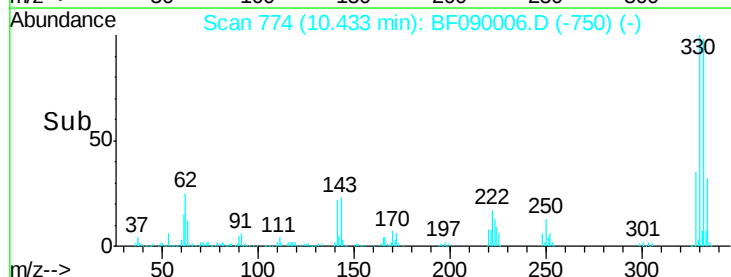
141 31.6 23.3 34.9

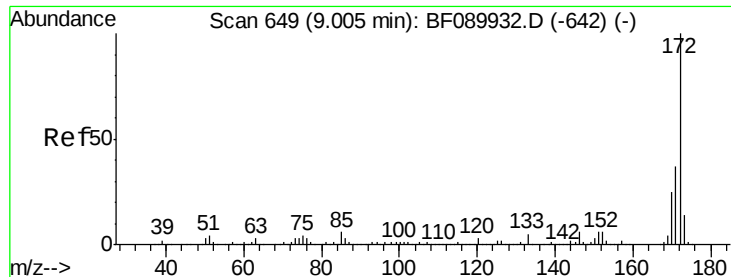


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

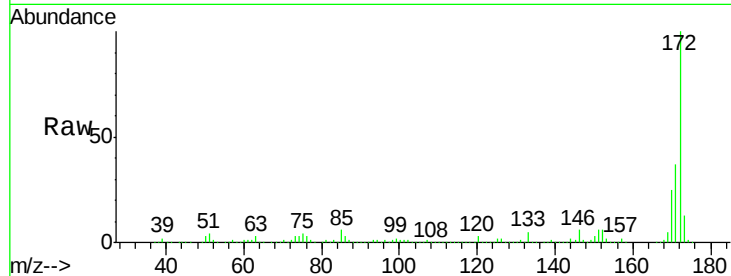




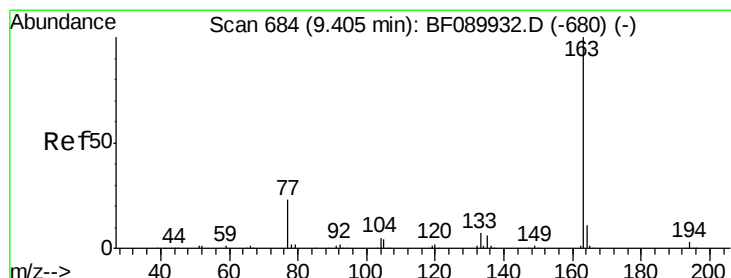
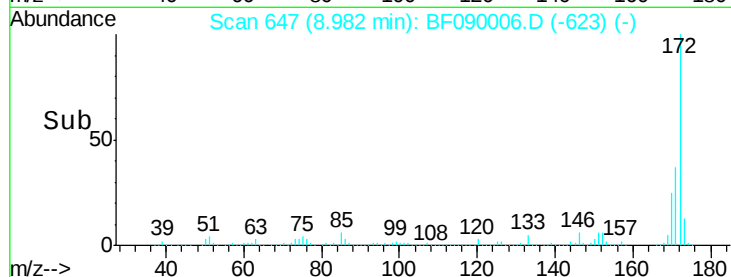
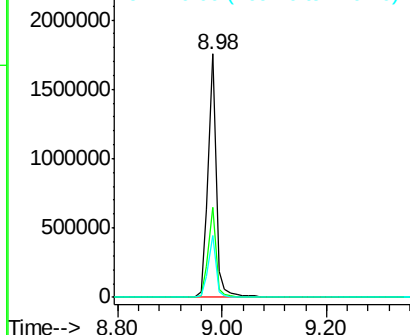
#44
2-Fluorobiphenyl
Concen: 80.59 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

Instrument :
BNA_F
ClientSampleId :
TEMP-AB-(0-2)-9

Tot Ion:172 Resp: 1901051
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 25.2 20.1 30.1

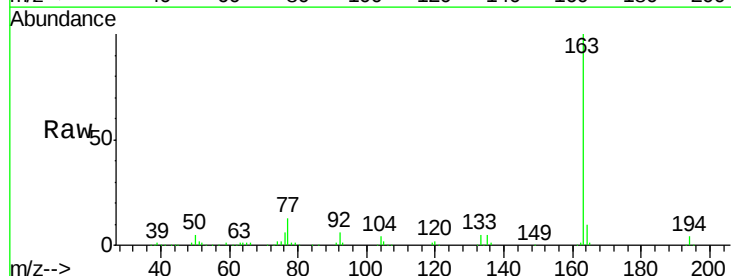


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

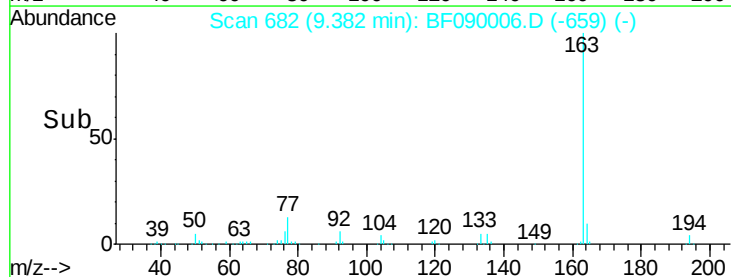
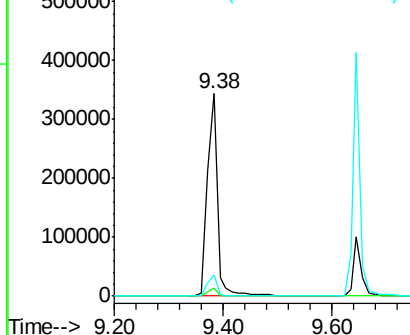


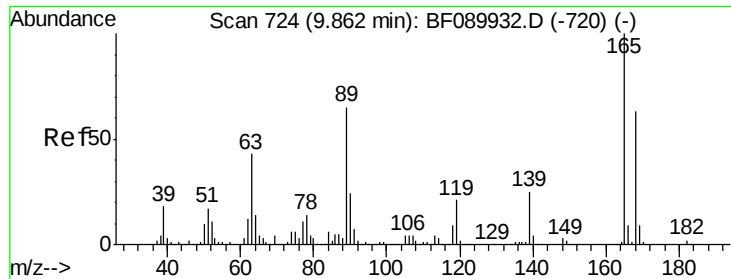
#49
Dimethylphthalate
Concen: 15.75 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090006.D
Acq: 7 Sep 2016 15:49

Tgt Ion:163 Resp: 440699
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 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

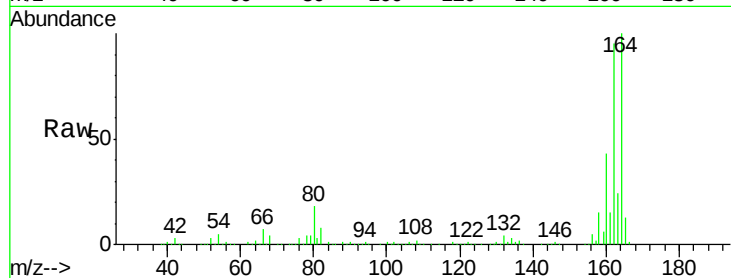




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB-(0-2)-9

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.2	48.3	72.5#
182	0.0	1.7	2.5#

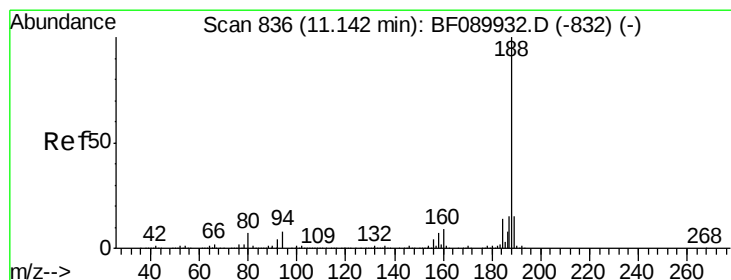
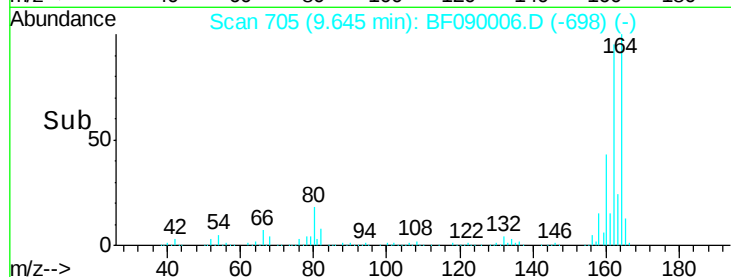
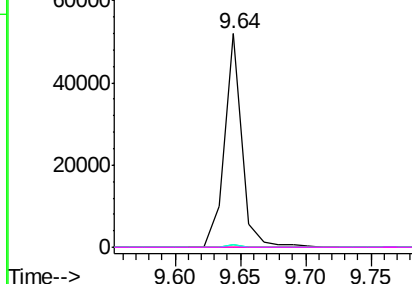


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

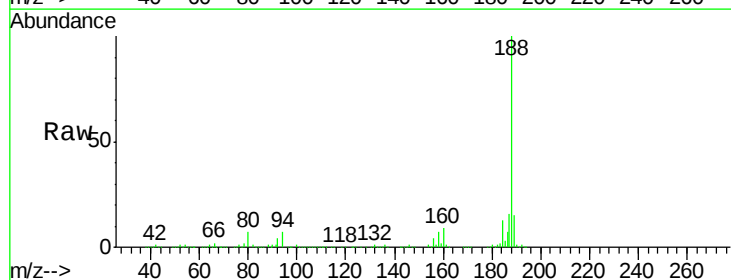
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

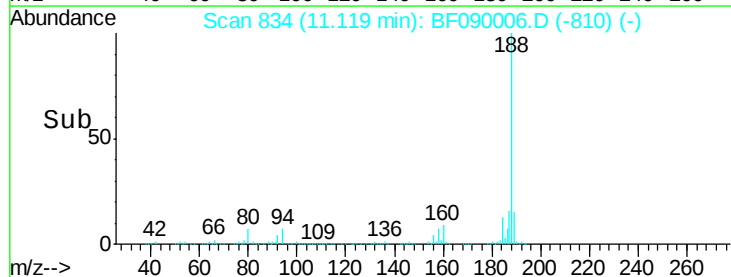
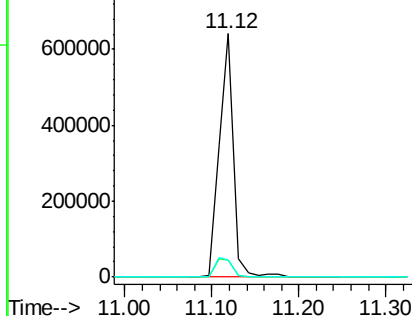
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.9	8.9
80	6.8	5.8	8.8

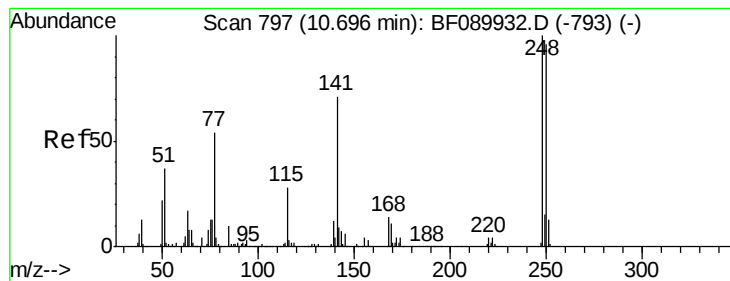


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.10 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

Instrument :

BNA_F

ClientSampleId :

TEMP-AB-(0-2)-9

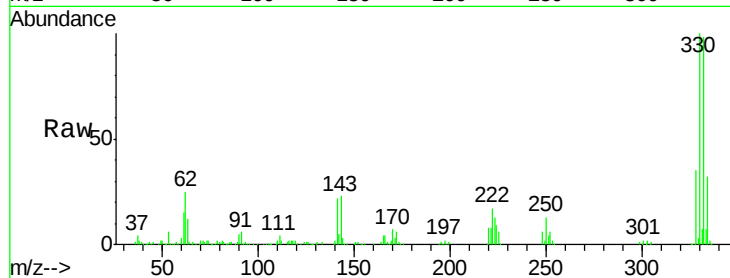
Tot Ion:248 Resp: 30482

Ion Ratio Lower Upper

248 100

250 206.4 77.3 115.9#

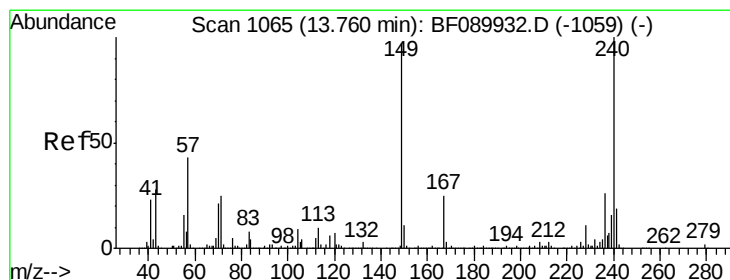
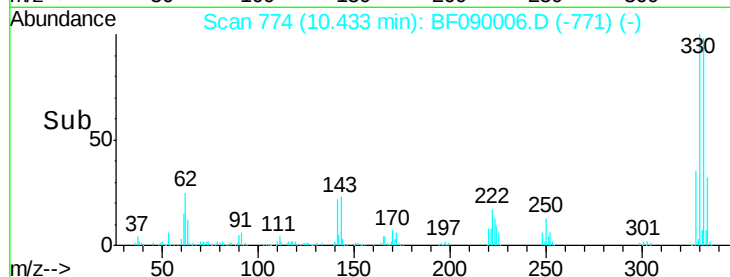
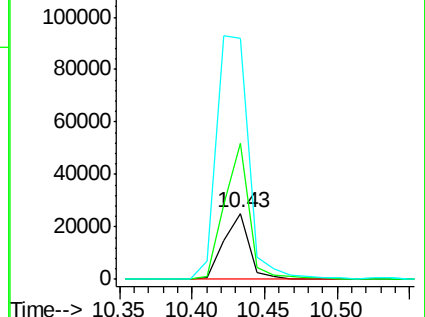
141 365.2 55.8 83.8#



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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090006.D

Acq: 7 Sep 2016 15:49

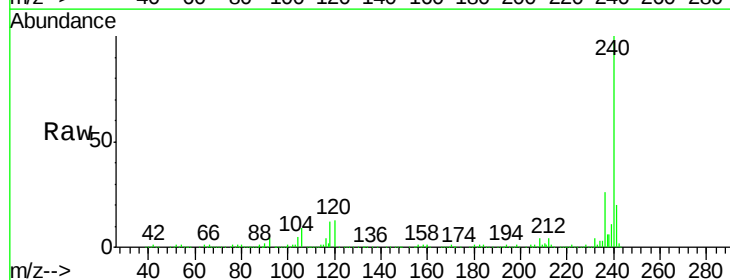
Tgt Ion:240 Resp: 513638

Ion Ratio Lower Upper

240 100

120 13.2 5.7 8.5#

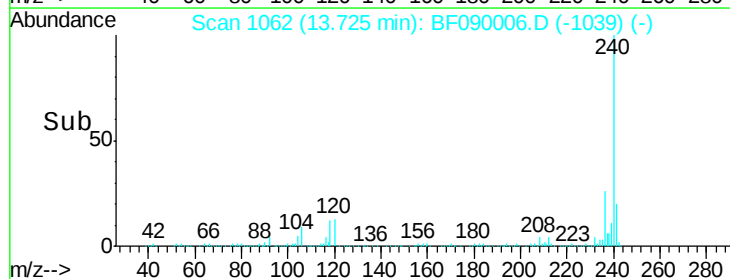
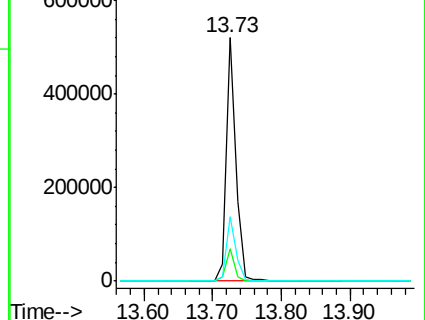
236 26.4 21.3 31.9

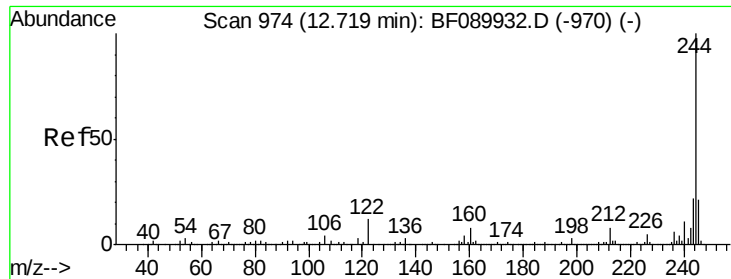


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

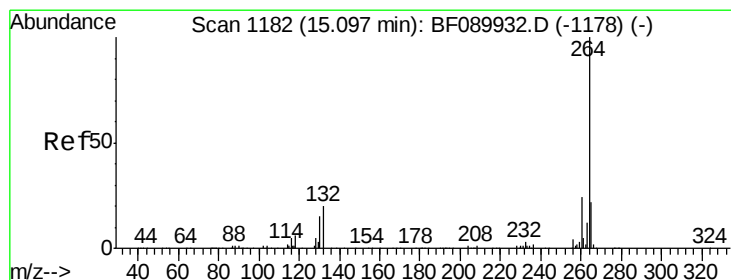
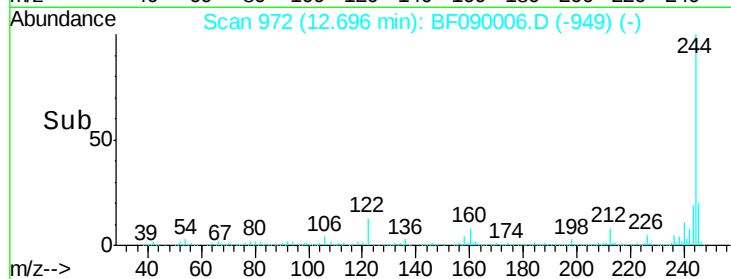
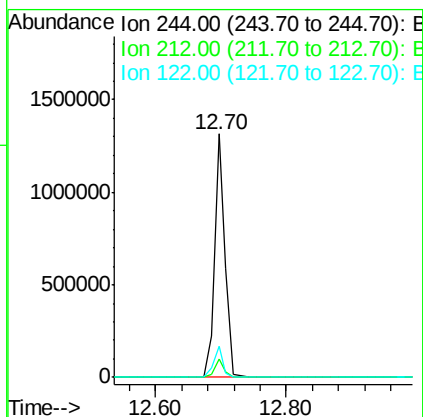
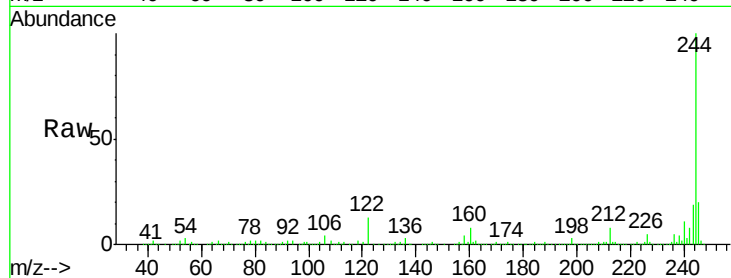




#78
 Terphenyl-d14
 Concen: 71.89 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB-(0-2)-9

Tot Ion:244 Resp: 1494702
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090006.D
 Acq: 7 Sep 2016 15:49

Tgt Ion:264 Resp: 407366
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 20.9 17.4 26.2

