

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090002.D
 Acq On : 7 Sep 2016 13:55
 Operator : UM/SJ
 Sample : H4676-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 14:58:43 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

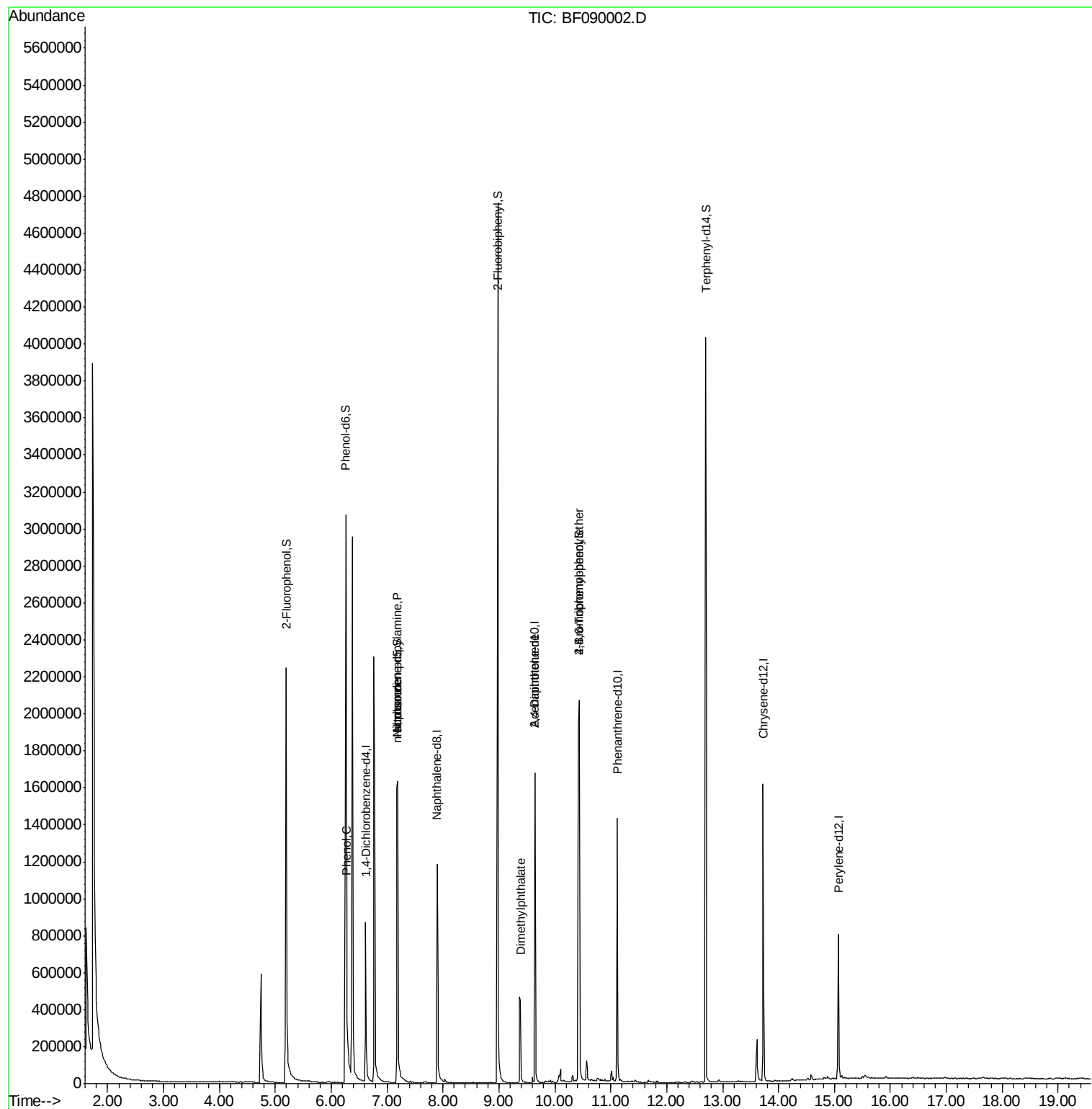
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	172018	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	687617	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	373768	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	745874	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	581226	20.00	ng	-0.03
86) Perylene-d12	15.07	264	441921	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1197126	111.39	ng	-0.01
7) Phenol-d6	6.26	99	1531986	117.32	ng	-0.02
23) Nitrobenzene-d5	7.19	82	913393	77.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	419189	113.68	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1774780	77.95	ng	-0.02
78) Terphenyl-d14	12.70	244	1712489	72.78	ng	-0.03
Target Compounds						
10) Phenol	6.27	94	31820	2.10	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.18	70	120298	14.14	ng	# 84
25) Isophorone	7.19	82	875709	36.32	ng	# 65
49) Dimethylphthalate	9.38	163	344231	12.74	ng	97
56) 2,4-Dinitrotoluene	9.64	165	46816	6.14	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	28131	3.75	ng	# 1

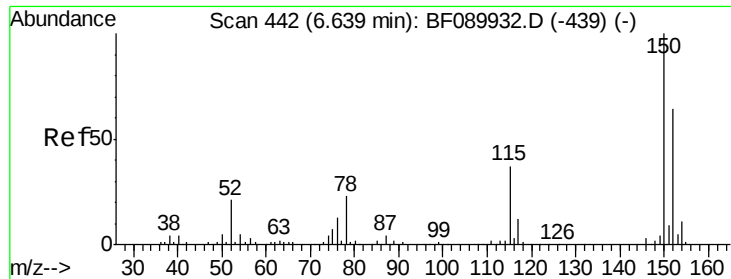
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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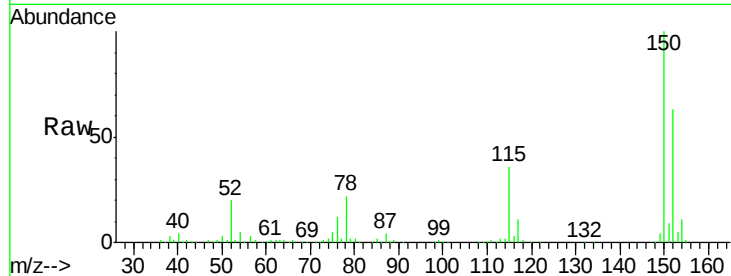


#1

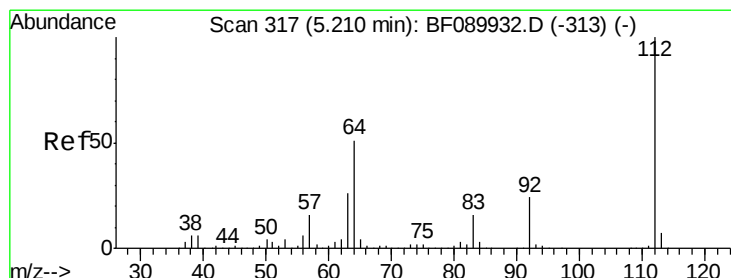
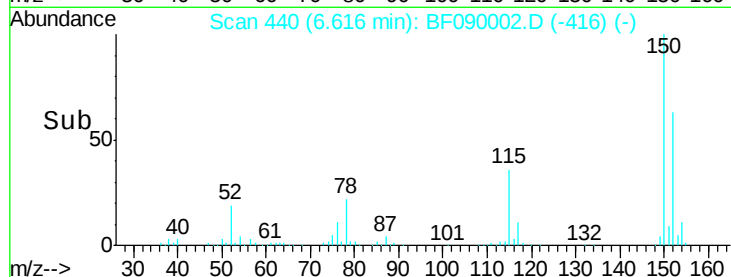
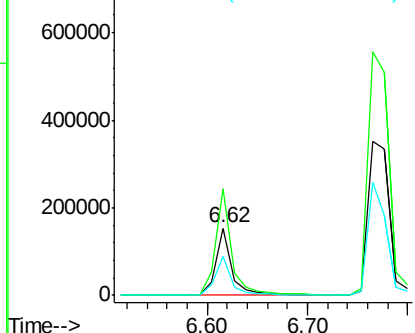
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172018
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.2
115 57.2 46.3 69.5



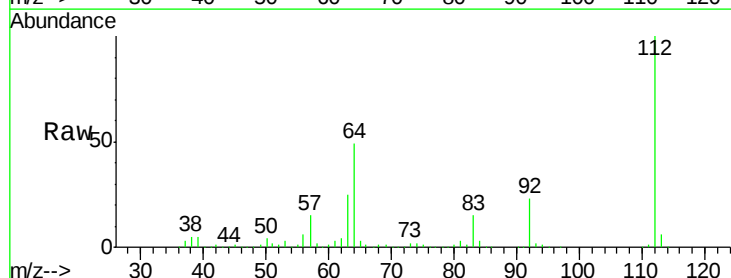
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



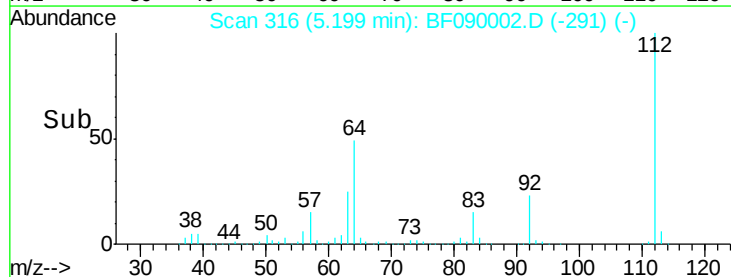
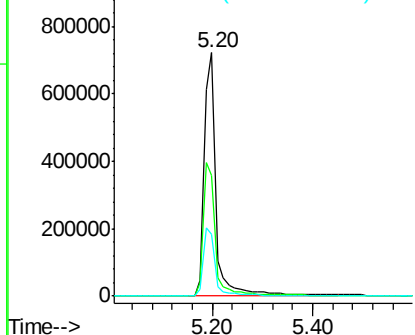
#5

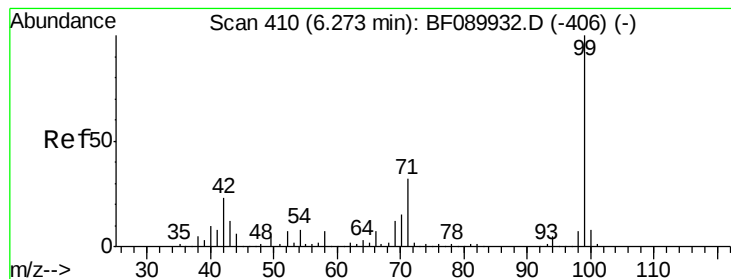
2-Fluorophenol
Concen: 111.39 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Tgt Ion:112 Resp: 1197126
Ion Ratio Lower Upper
112 100
64 49.4 41.1 61.7
63 25.4 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: 117.32 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Instrument :

BNA_F

ClientSampleId :

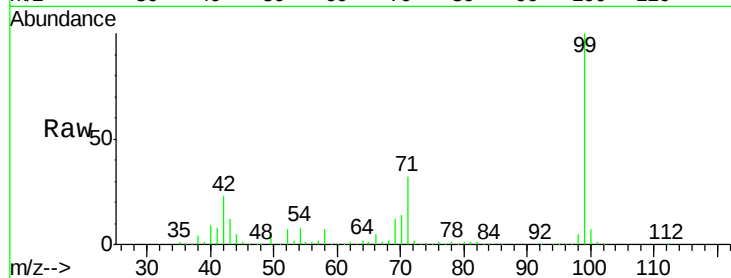
Tot Ion: 99 Resp: 1531986

Ion Ratio Lower Upper

99 100

42 22.7 18.6 27.8

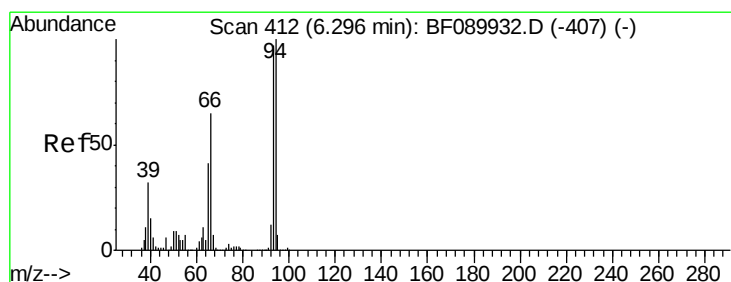
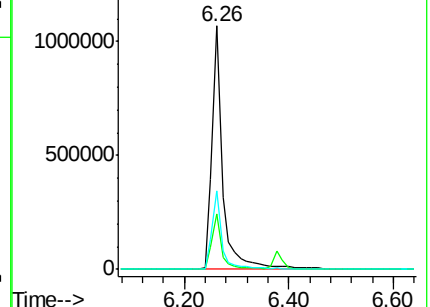
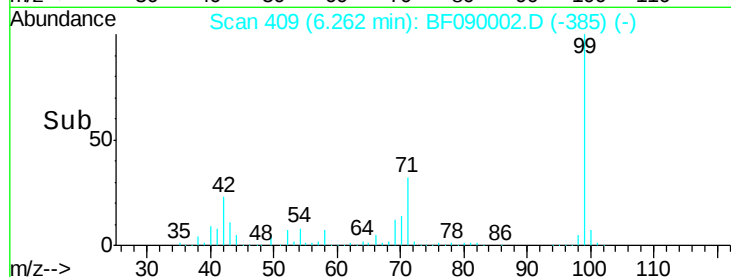
71 32.1 25.8 38.6



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: 2.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

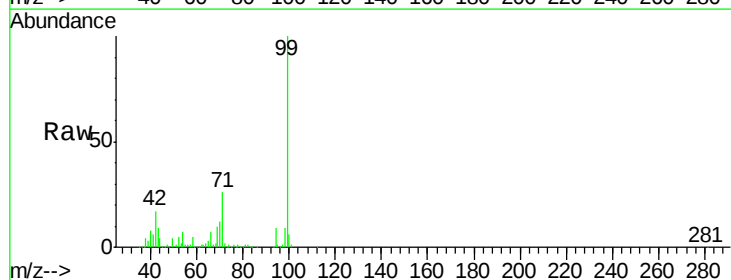
Tgt Ion: 94 Resp: 31820

Ion Ratio Lower Upper

94 100

65 34.2 23.2 63.2

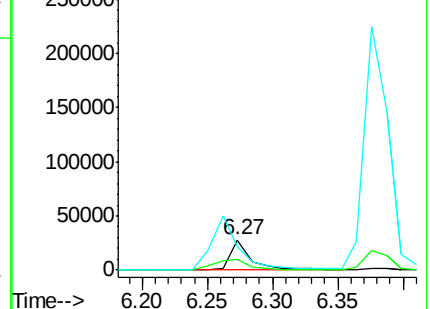
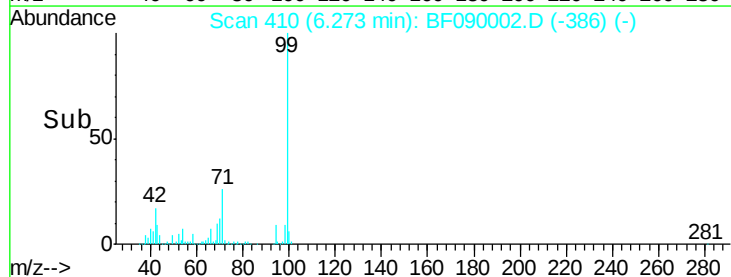
66 77.6 49.2 89.2

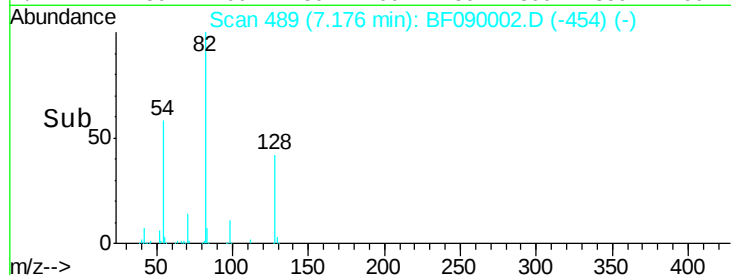
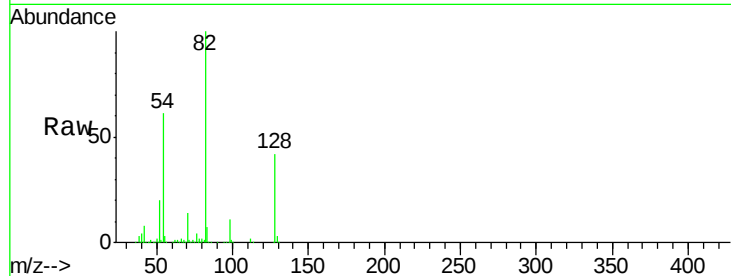
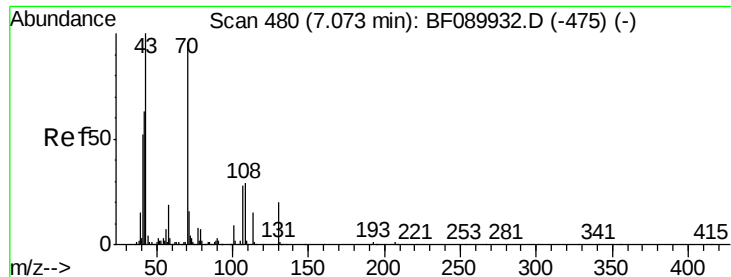


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

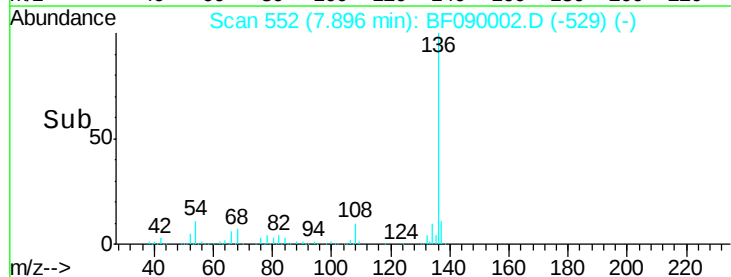
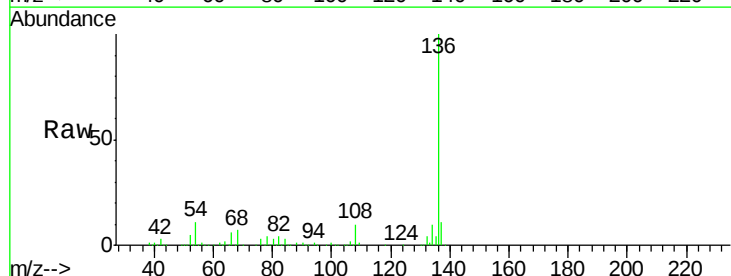
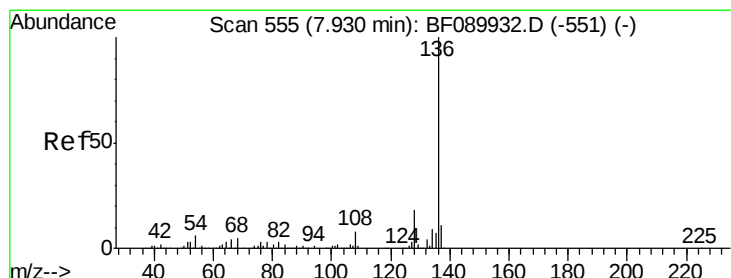
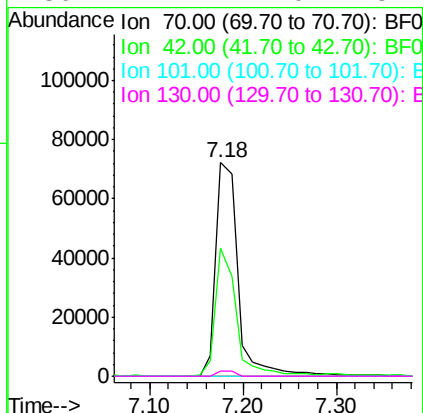




#19
n-Nitroso-di-n-propylamine
Concen: 14.14 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.10 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

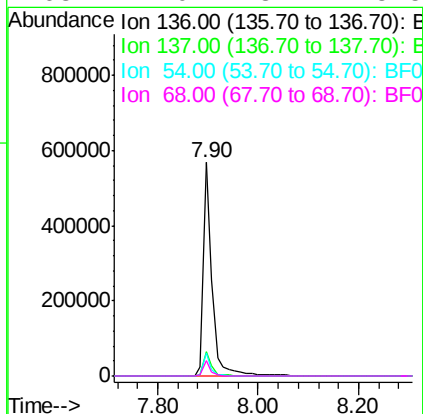
Instrument :
BNA_F
ClientSampled :

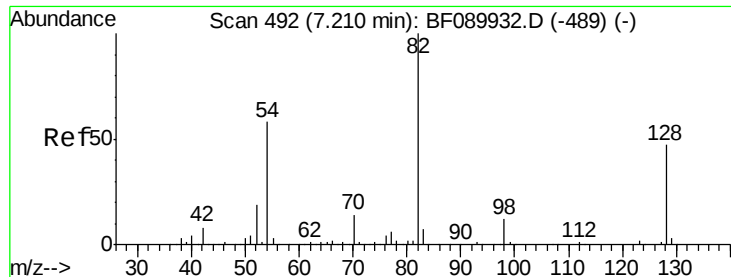
Tot Ion:	70	Resp:	120298
Ion	Ratio	Lower	Upper
70	100		
42	59.9	52.1	78.1
101	0.0	7.4	11.2#
130	2.2	17.0	25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Tgt Ion:	136	Resp:	687617
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	10.7	4.8	7.2#
68	7.0	3.7	5.5#

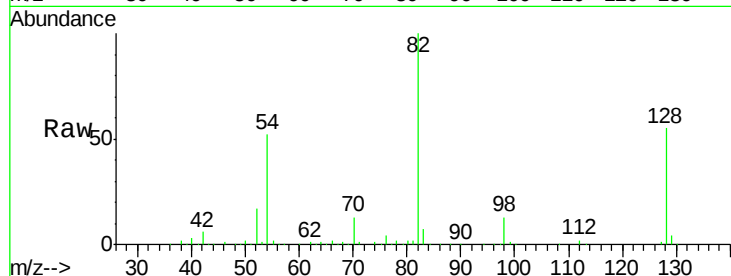




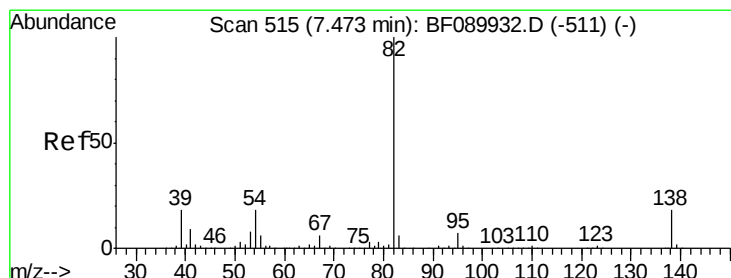
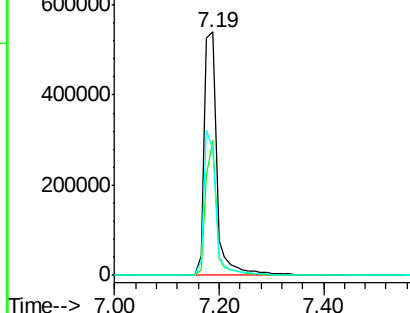
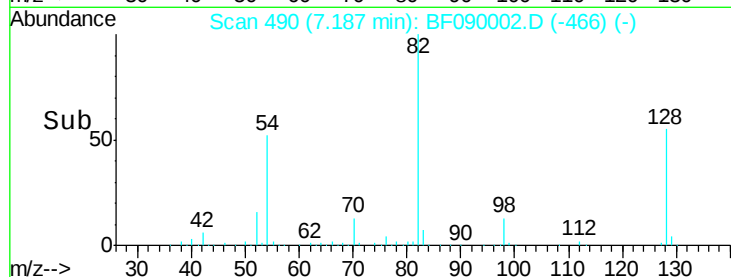
#23
Nitrobenzene-d5
Concen: 77.04 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 913393
Ion Ratio Lower Upper
82 100
128 55.4 37.8 56.8
54 51.9 46.9 70.3

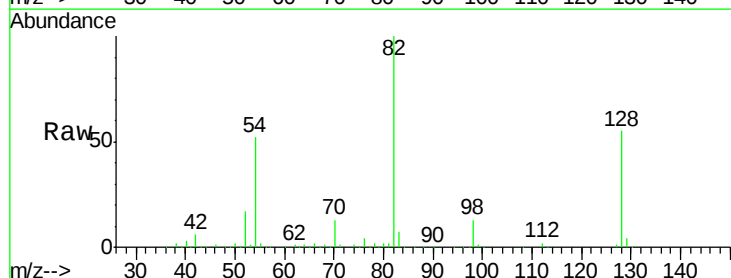


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

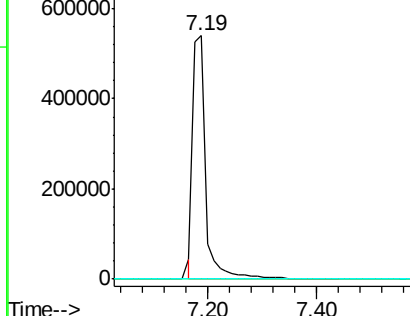
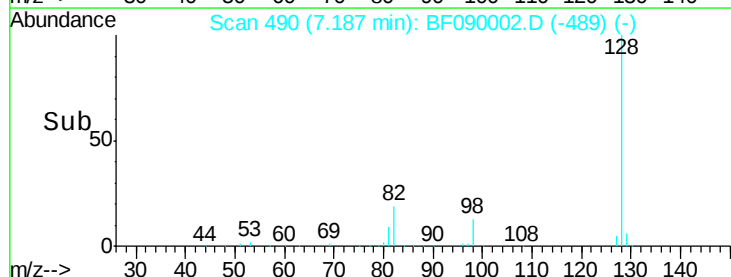


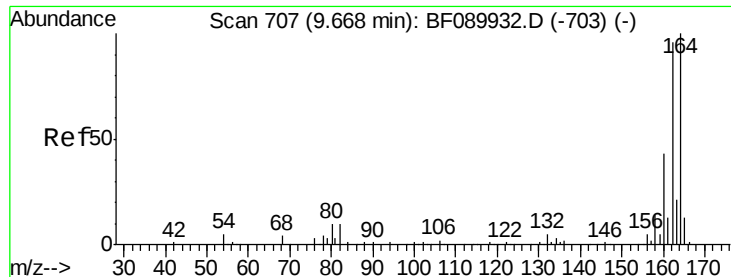
#25
Isophorone
Concen: 36.32 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.29 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Tgt Ion: 82 Resp: 875709
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.4 21.6#



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

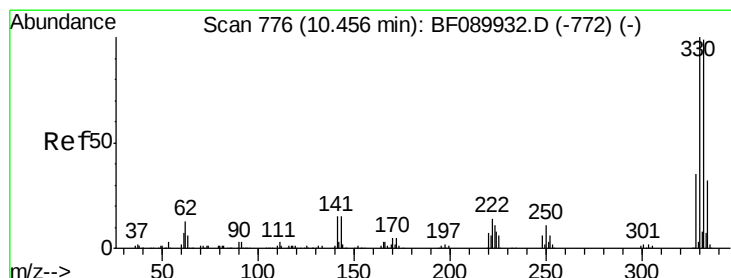
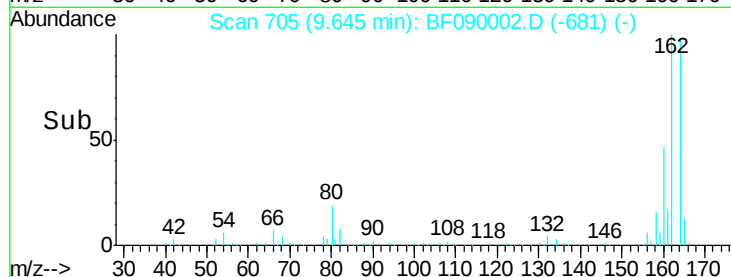
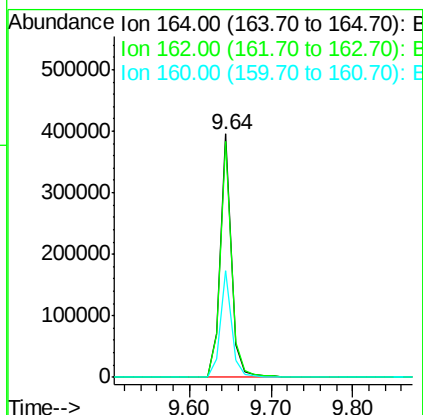
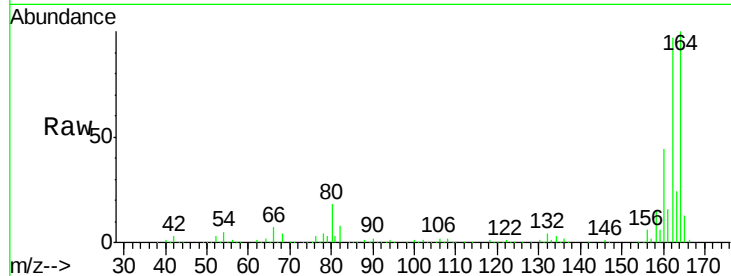




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

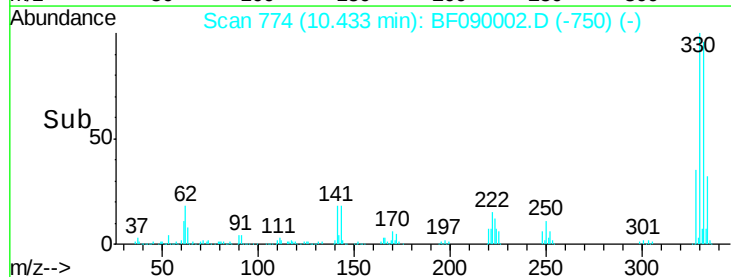
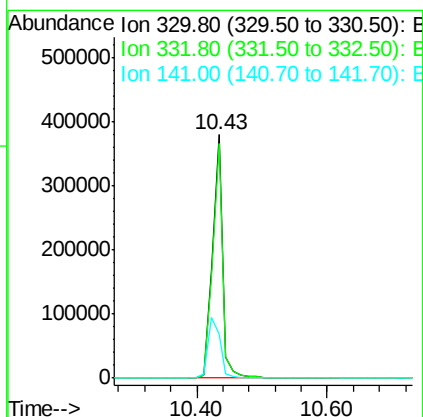
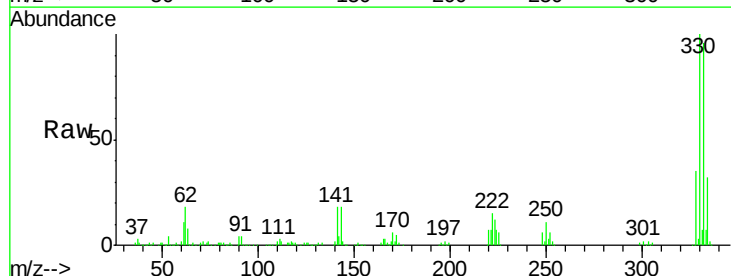
Instrument :
 BNA_F
 ClientSampleId :

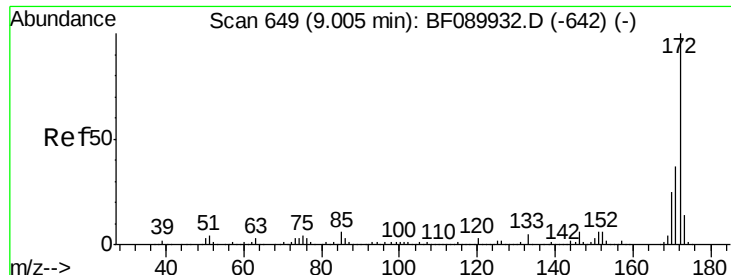
Tot Ion:164 Resp: 373768
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.1 115.7
 160 43.9 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 113.68 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Tgt Ion:330 Resp: 419189
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.6 117.8
 141 30.0 23.3 34.9

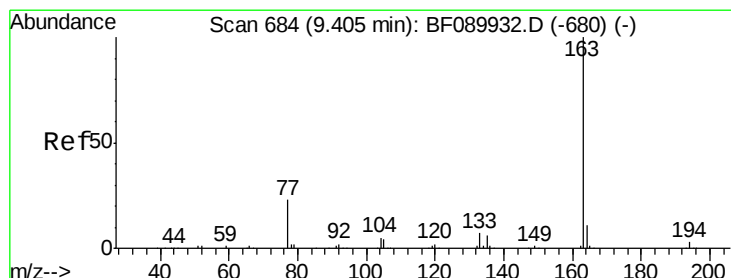
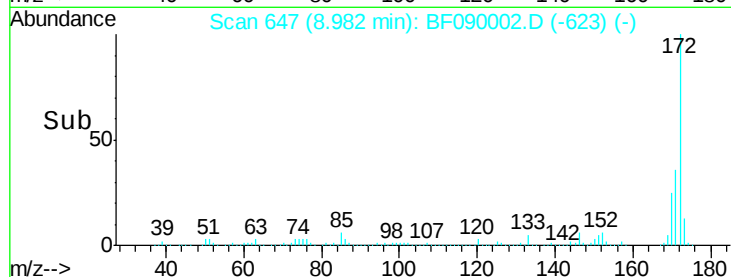
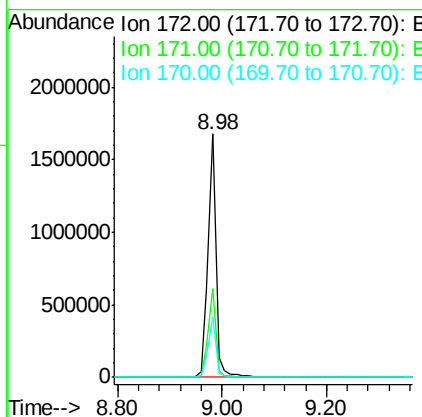
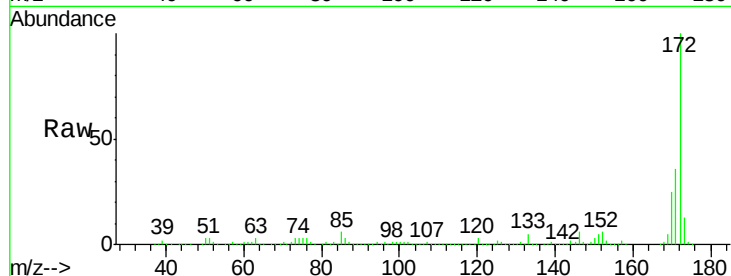




#44
2-Fluorobiphenyl
Concen: 77.95 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

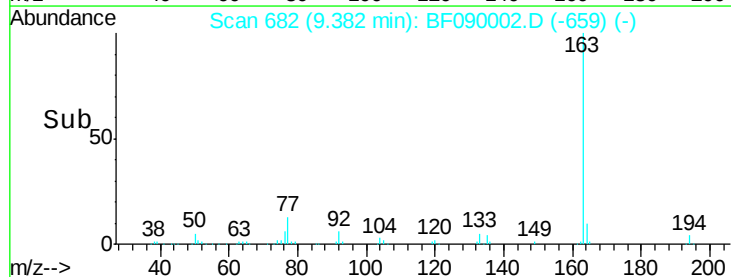
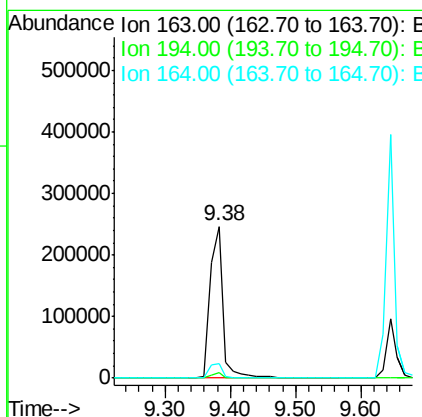
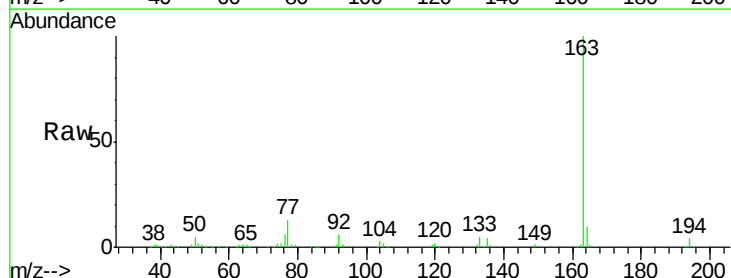
Instrument :
BNA_F
ClientSampleId :

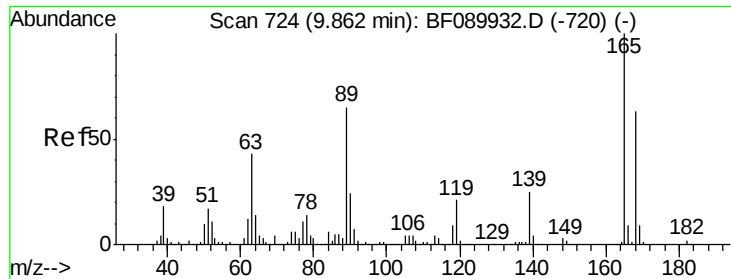
Tot Ion:172 Resp: 1774780
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.7 20.1 30.1



#49
Dimethylphthalate
Concen: 12.74 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Tgt Ion:163 Resp: 344231
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 9.0 13.4

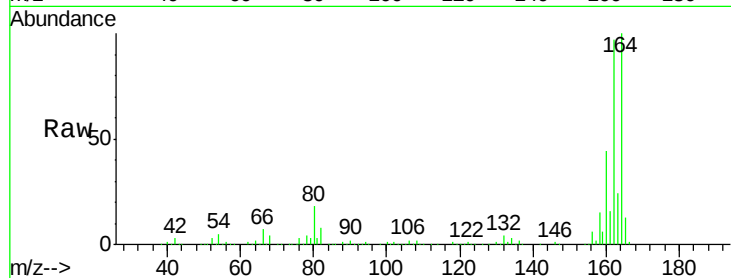




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :

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

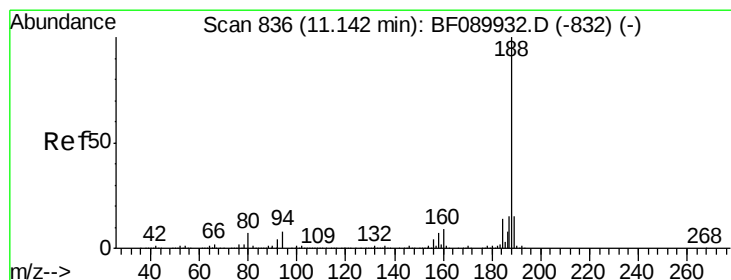
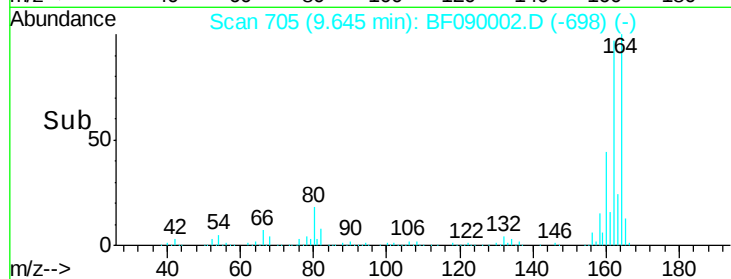
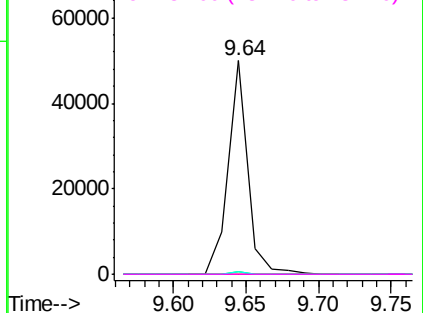


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

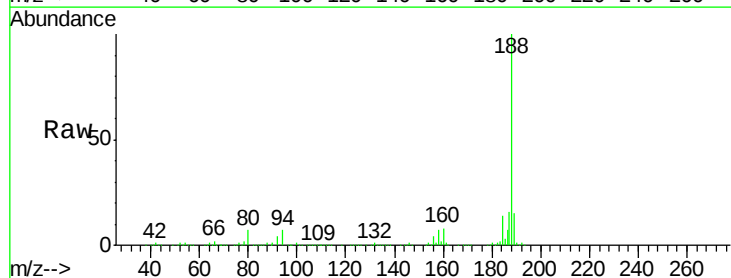
Ion 89.00 (88.70 to 89.70): BF0

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: BF090002.D
 Acq: 7 Sep 2016 13:55

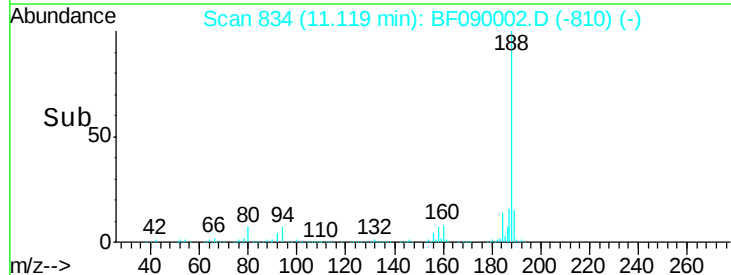
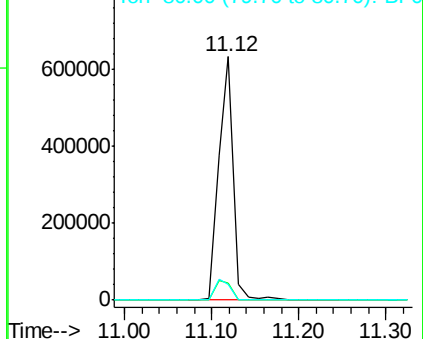
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.9	8.9
80	6.7	5.8	8.8

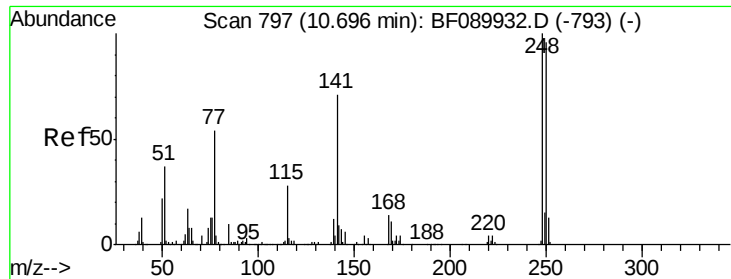


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

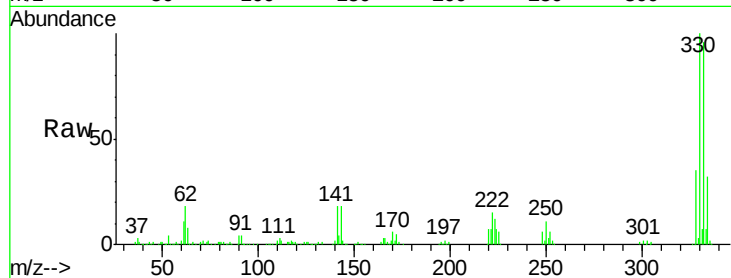




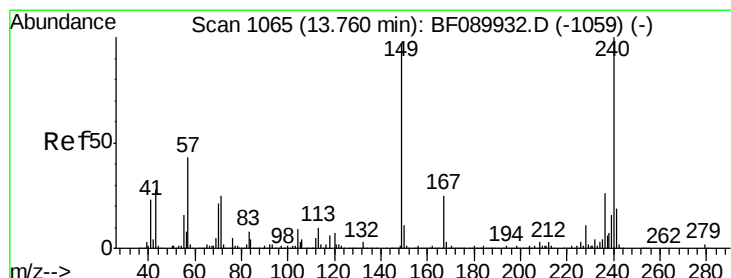
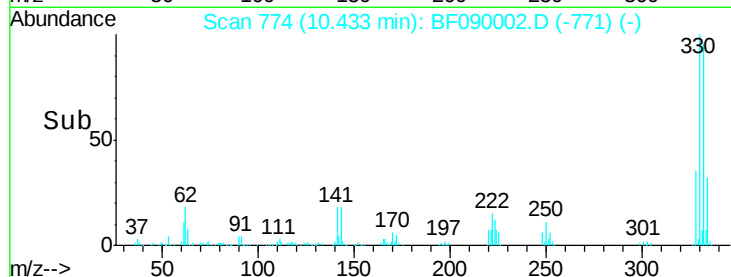
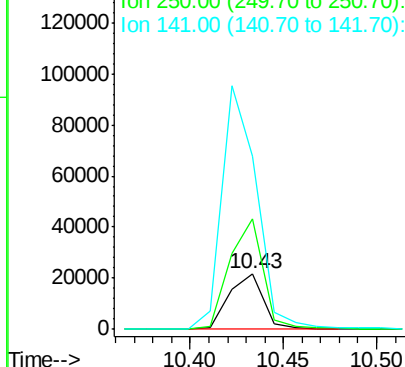
#66
 4-Bromophenyl-phenylether
 Concen: 3.75 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.26 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 28131
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.3 115.9#
 141 308.4 55.8 83.8#

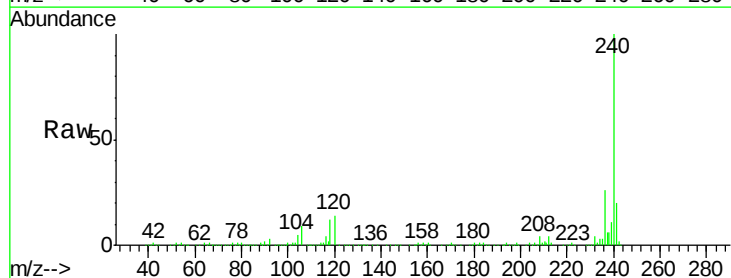


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

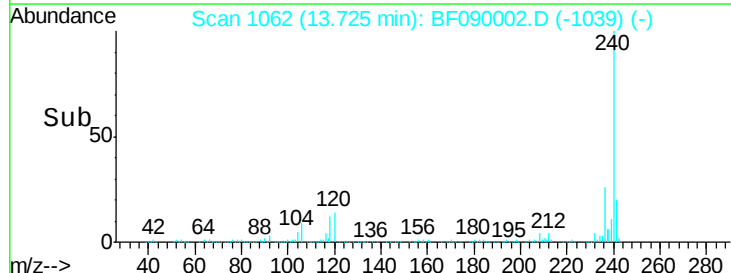
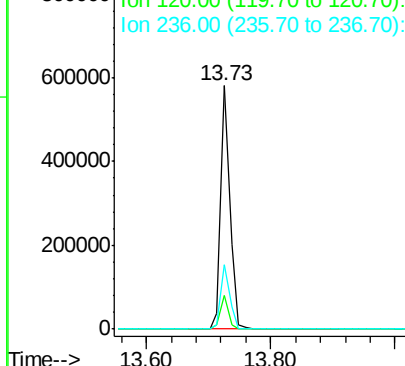


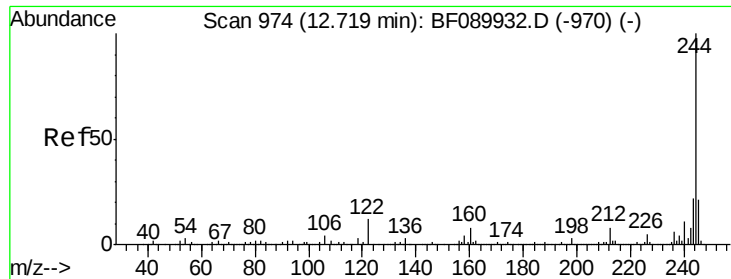
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Tgt Ion:240 Resp: 581226
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.7 8.5#
 236 26.3 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

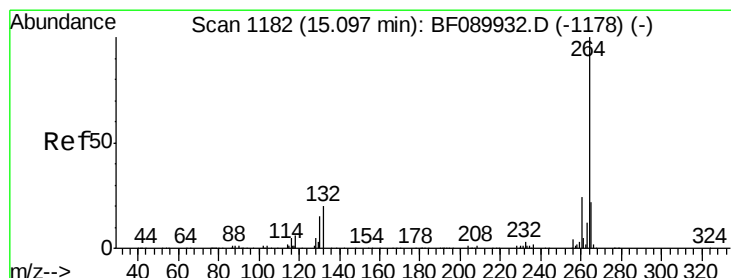
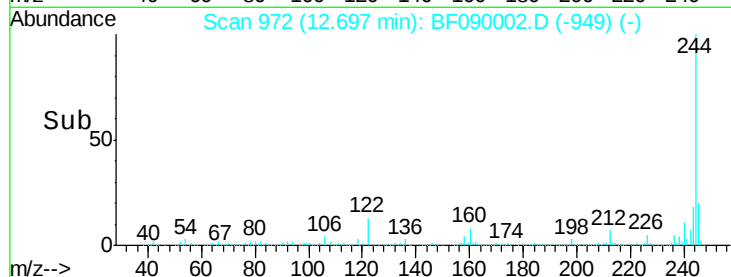
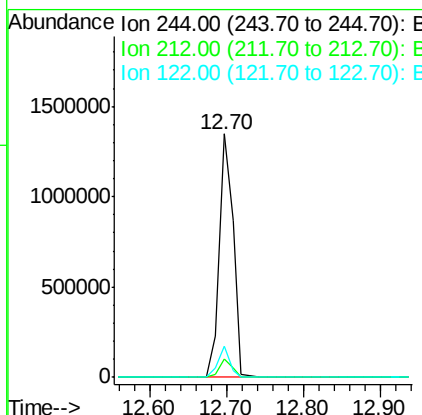
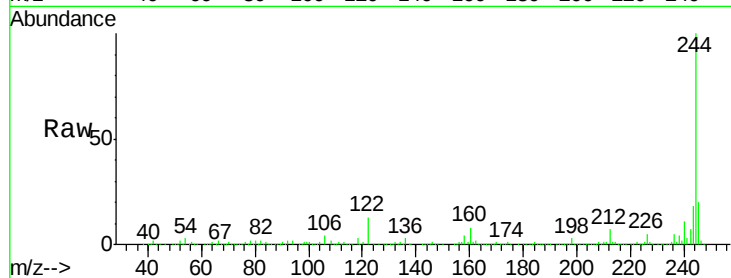




#78
 Terphenyl-d14
 Concen: 72.78 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1712489
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.0 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: BF090002.D
 Acq: 7 Sep 2016 13:55

Tgt Ion:264 Resp: 441921
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.2 17.4 26.2

