

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092961.D
 Acq On : 15 Feb 2017 19:58
 Operator : SJ/MA
 Sample : I1839-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:32:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

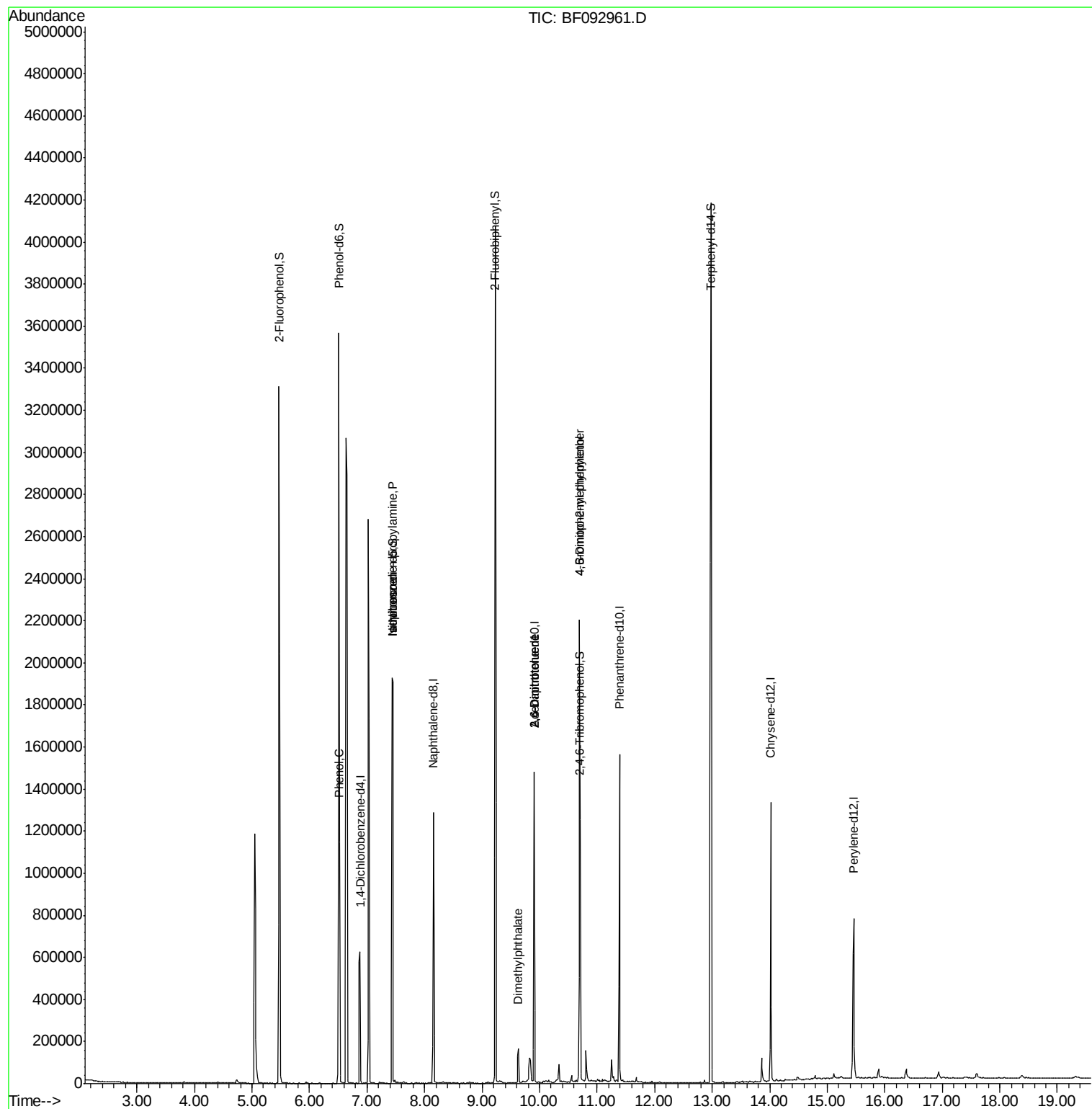
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142538	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	568252	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	317251	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	574487	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	459068	20.00	ng	-0.03
86) Perylene-d12	15.46	264	383359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1220102	146.85	ng	-0.01
7) Phenol-d6	6.51	99	1430520	133.82	ng	-0.02
23) Nitrobenzene-d5	7.45	82	999324	97.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	353275	153.96	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1552201	88.64	ng	-0.01
78) Terphenyl-d14	12.98	244	1558574	79.77	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	86260	6.90	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.44	70	130609	19.19	ng	# 81
25) Isophorone	7.45	82	906853	47.69	ng	# 65
49) Dimethylphthalate	9.63	163	93601	4.38	ng	99
50) 2,6-Dinitrotoluene	9.90	165	40922	8.87	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	40924	6.66	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	503	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	25195	4.20	ng	# 1

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

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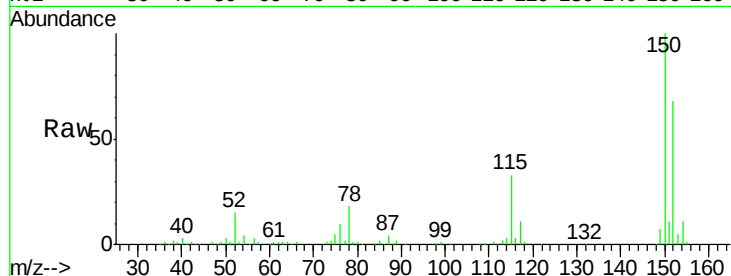


#1

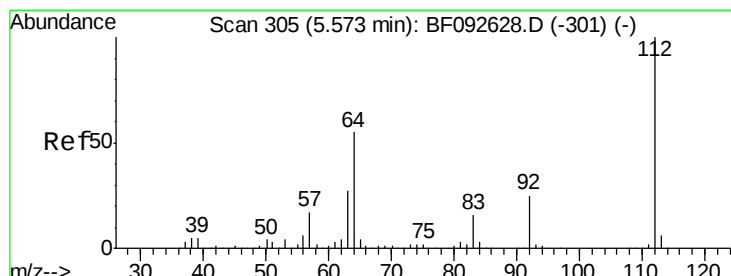
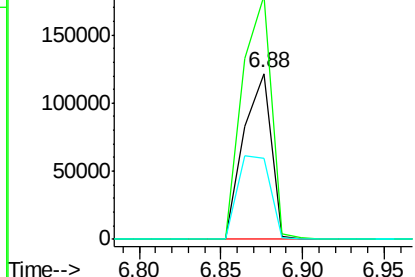
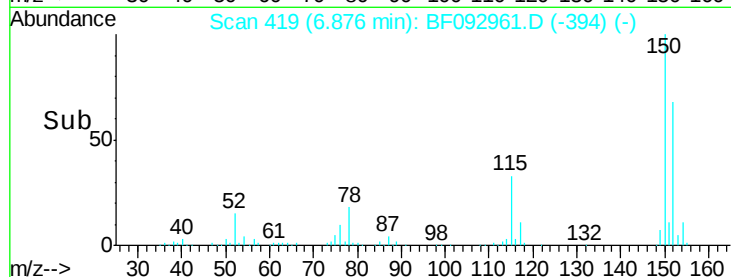
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 142538
Ion Ratio Lower Upper
152 100
150 146.8 124.9 187.3
115 48.9 46.0 69.0



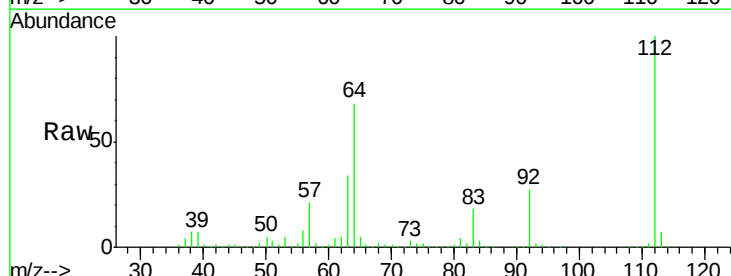
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



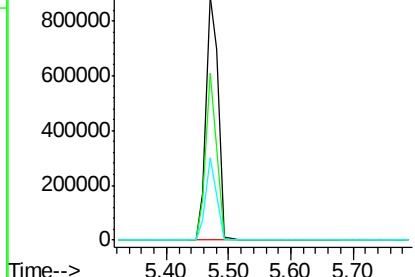
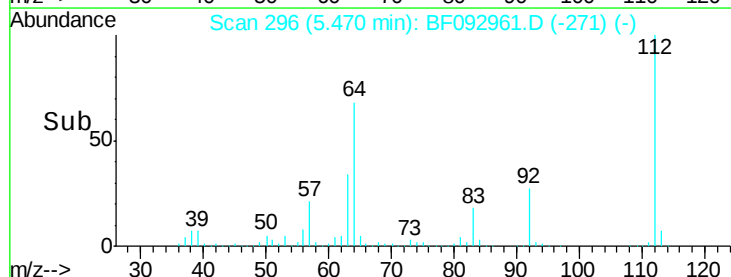
#5

2-Fluorophenol
Concen: 146.85 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:112 Resp: 1220102
Ion Ratio Lower Upper
112 100
64 68.3 46.1 69.1
63 34.1 23.8 35.6



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

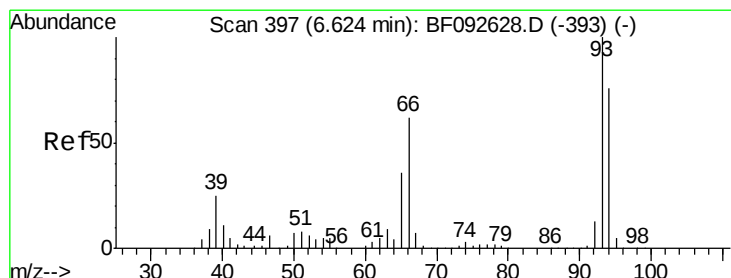
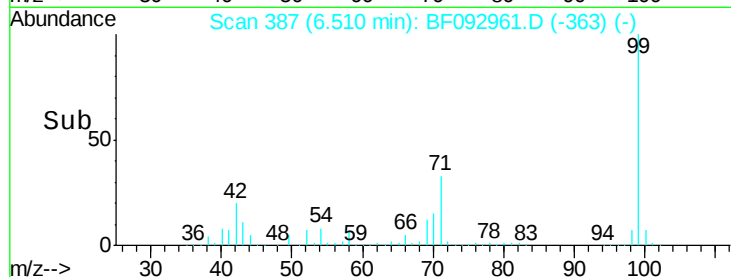
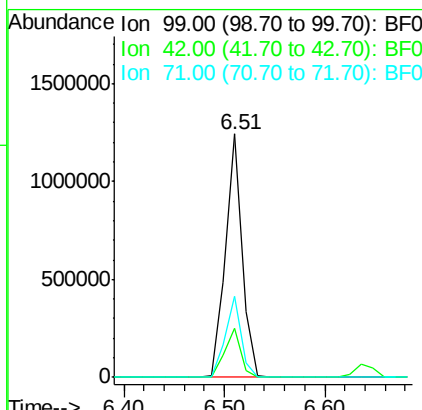
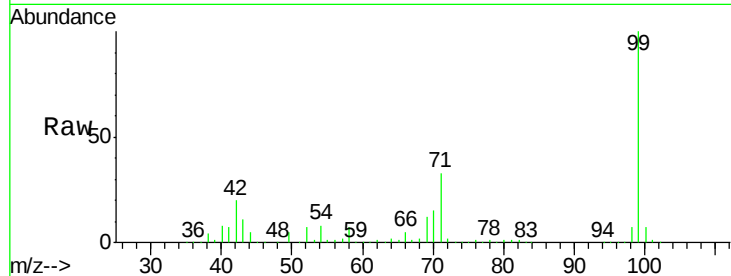




#7
Phenol-d6
Concen: 133.82 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

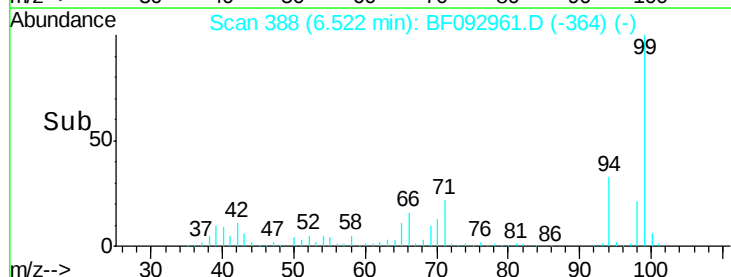
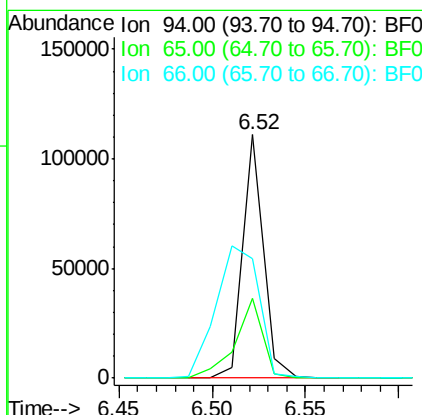
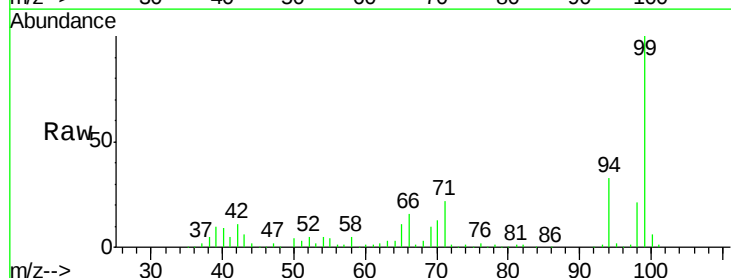
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1430520
Ion Ratio Lower Upper
99 100
42 20.1 15.6 23.4
71 33.4 27.5 41.3



#10
Phenol
Concen: 6.90 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion: 94 Resp: 86260
Ion Ratio Lower Upper
94 100
65 32.5 21.4 61.4
66 48.9 44.0 84.0

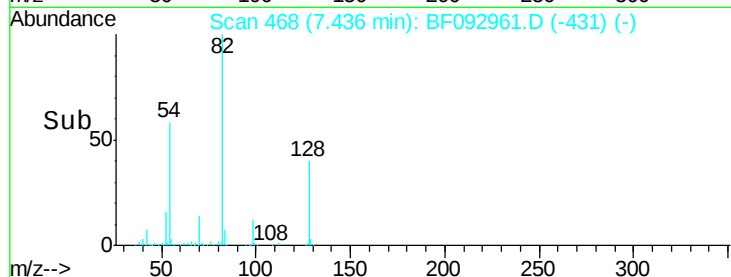
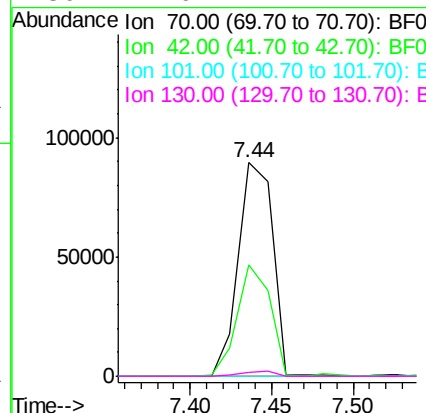
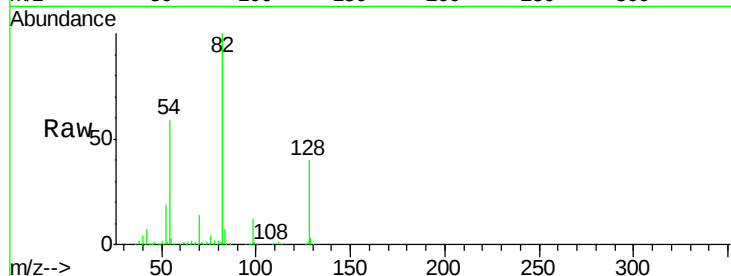




#19
n-Nitroso-di-n-propylamine
Concen: 19.19 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

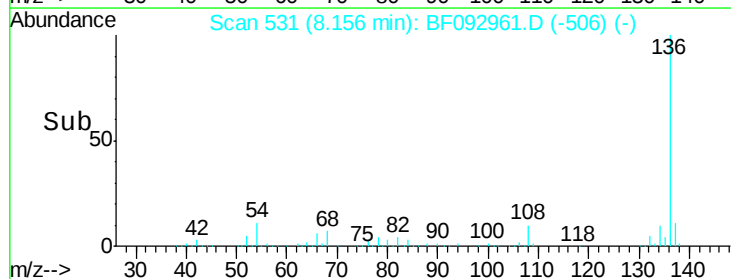
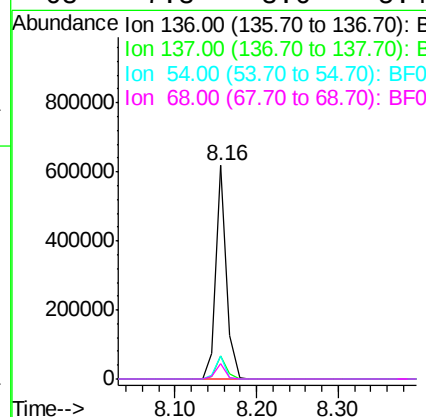
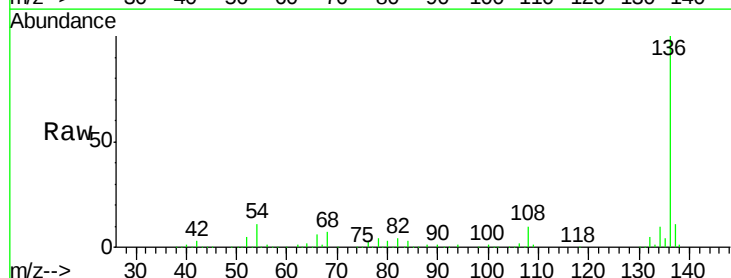
Instrument :
BNA_F
ClientSampleId :

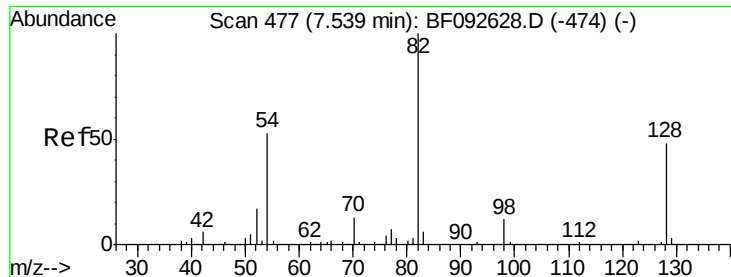
Tot Ion: 70 Resp: 130609
Ion Ratio Lower Upper
70 100
42 52.2 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion: 136 Resp: 568252
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.8 4.5 6.7#
68 7.3 3.6 5.4#

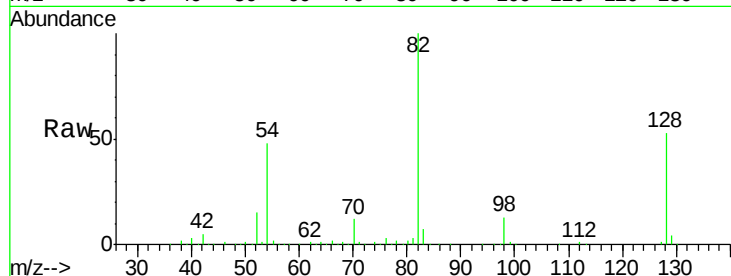




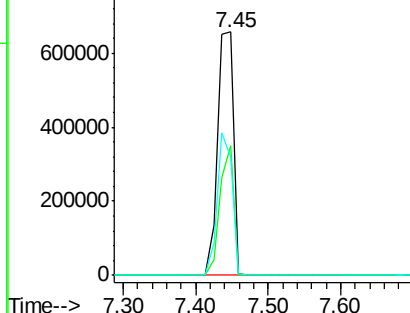
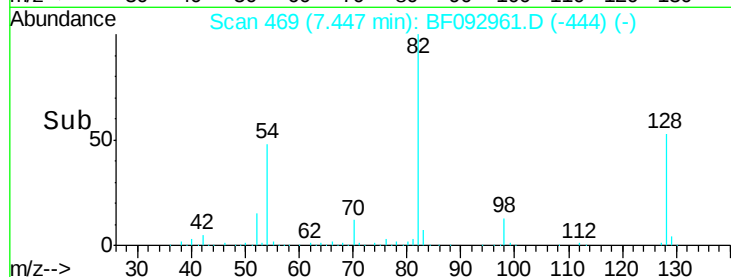
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 999324
Ion Ratio Lower Upper
82 100
128 53.5 34.6 52.0#
54 48.3 39.5 59.3

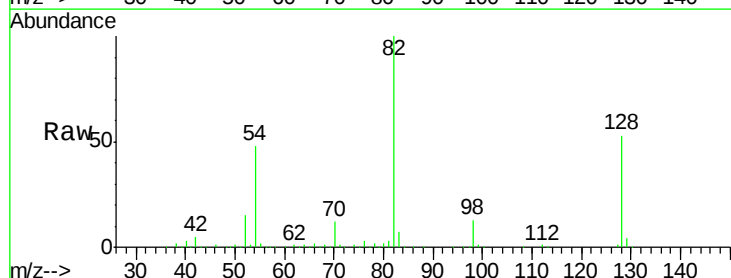


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

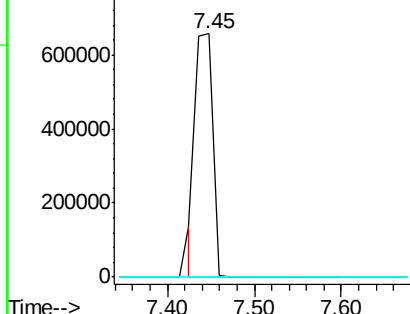
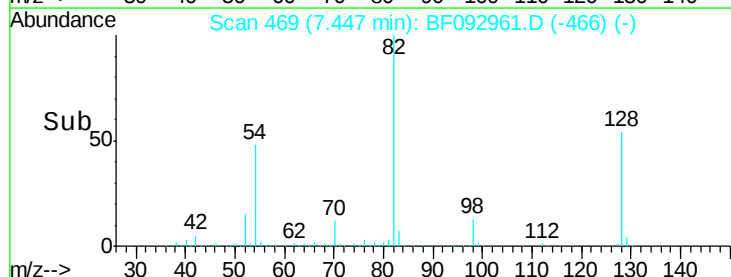


#25
Isophorone
Concen: 47.69 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.26 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion: 82 Resp: 906853
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

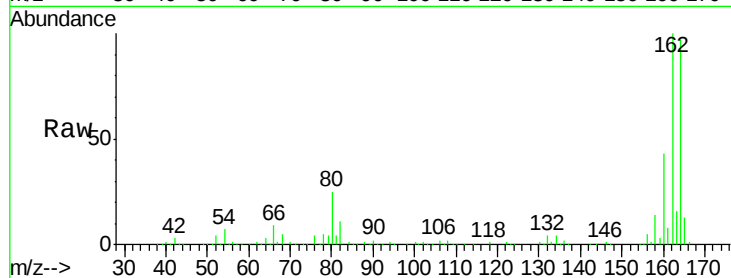
Tot Ion:164 Resp: 317251

Ion Ratio Lower Upper

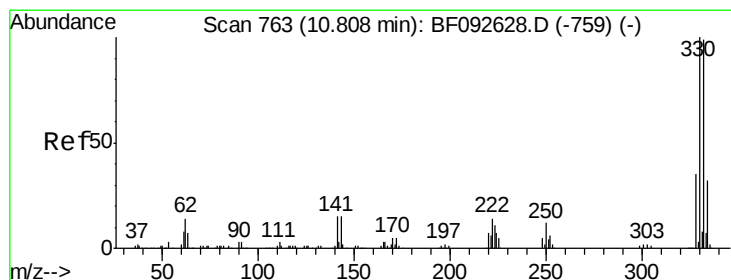
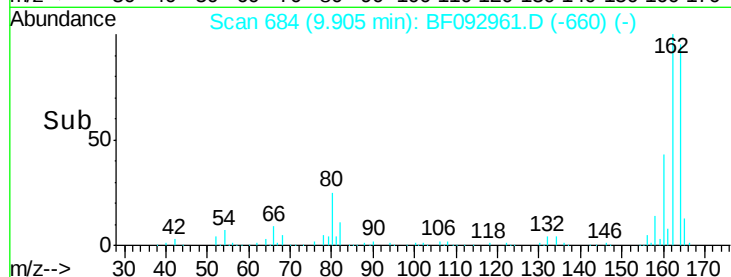
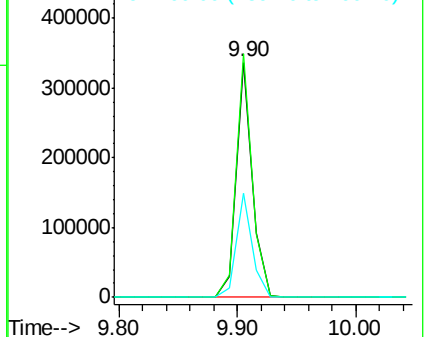
164 100

162 103.5 80.2 120.2

160 44.5 36.9 55.3



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: 153.96 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

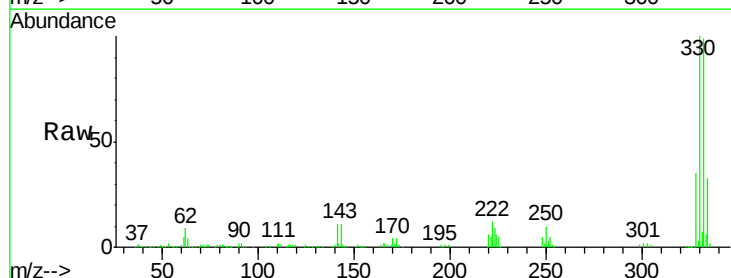
Tgt Ion:330 Resp: 353275

Ion Ratio Lower Upper

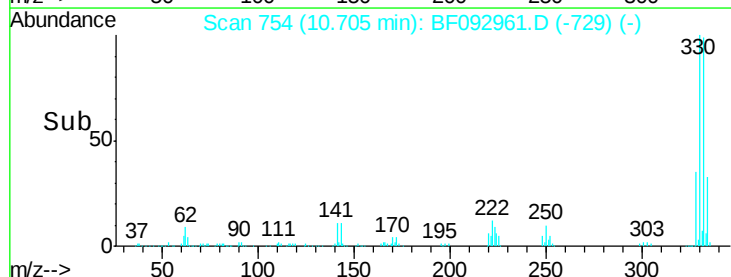
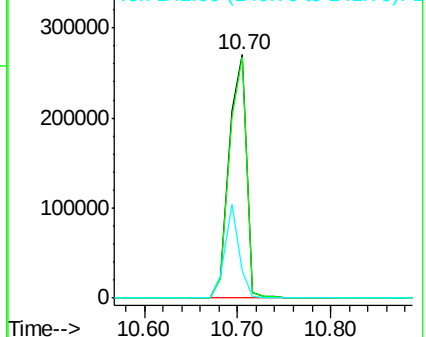
330 100

332 98.0 77.4 116.2

141 32.0 34.1 51.1#



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

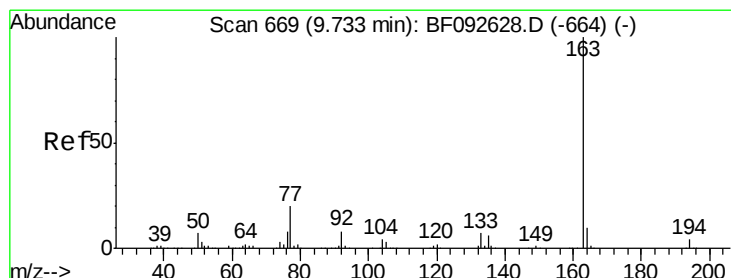
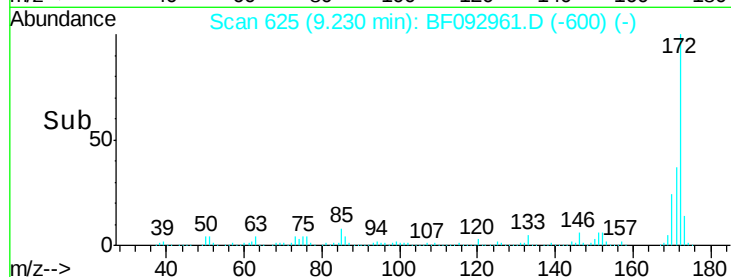
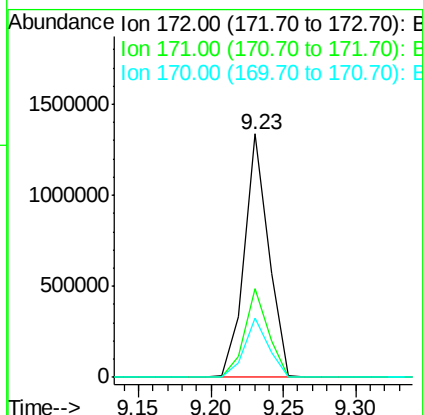
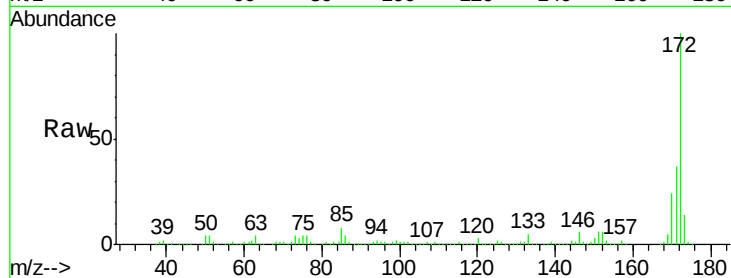




#44
2-Fluorobiphenyl
Concen: 88.64 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

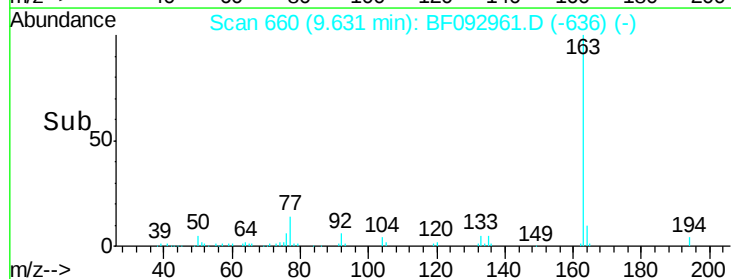
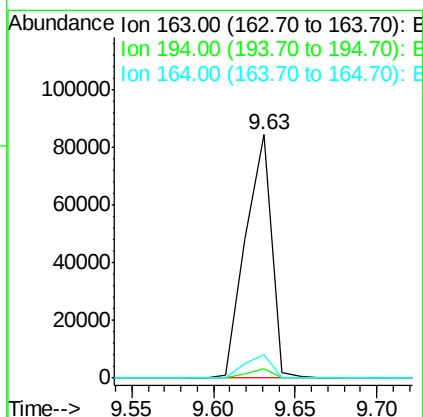
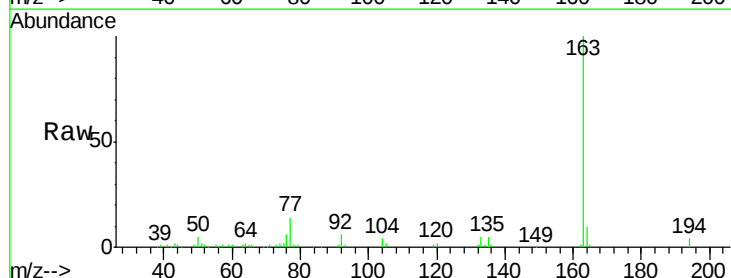
Instrument :
BNA_F
ClientSampleId :

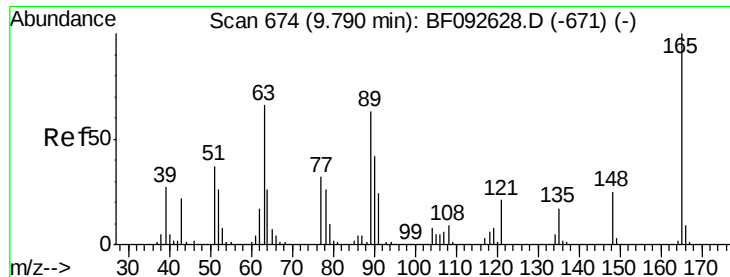
Tot Ion:172 Resp: 1552201
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 4.38 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:163 Resp: 93601
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.7 8.0 12.0

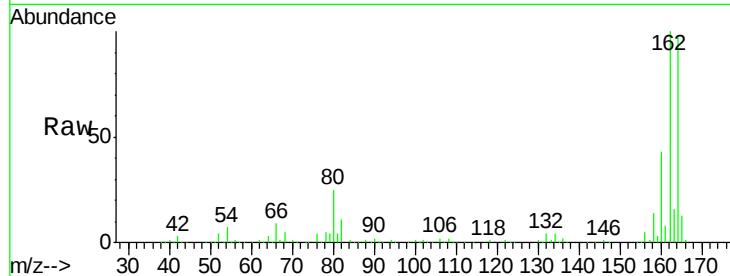




#50
 2,6-Dinitrotoluene
 Concen: 8.87 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

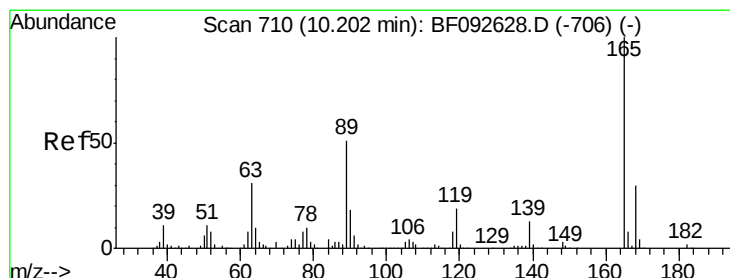
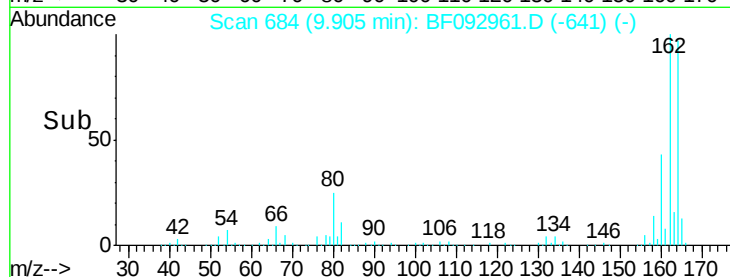
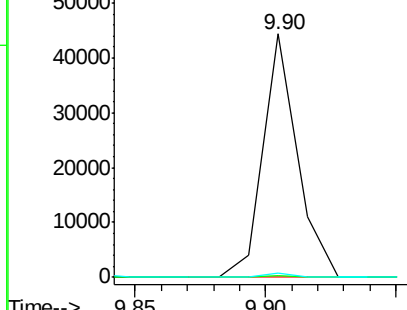
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.7	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

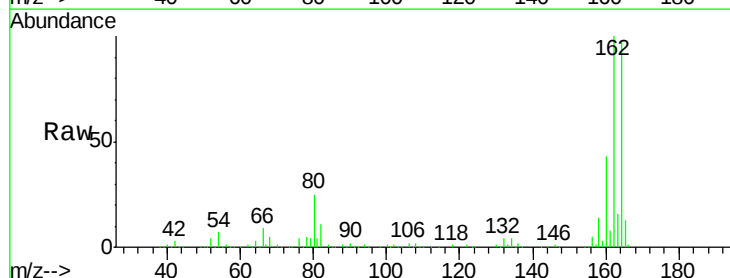
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.66 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

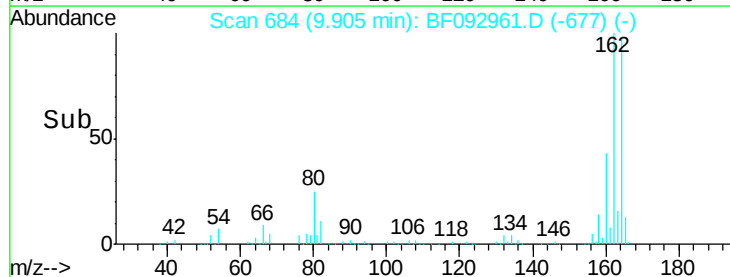
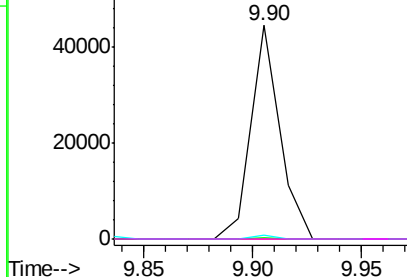


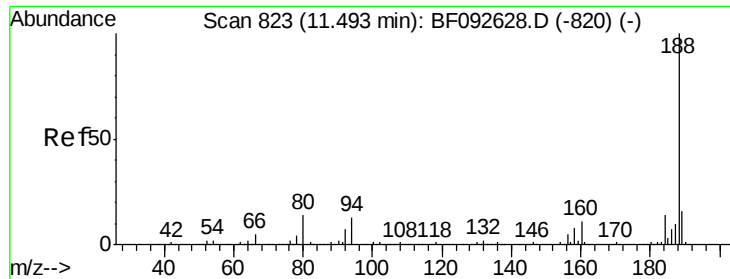
Abundance Ion 165.00 (164.70 to 165.70): E

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

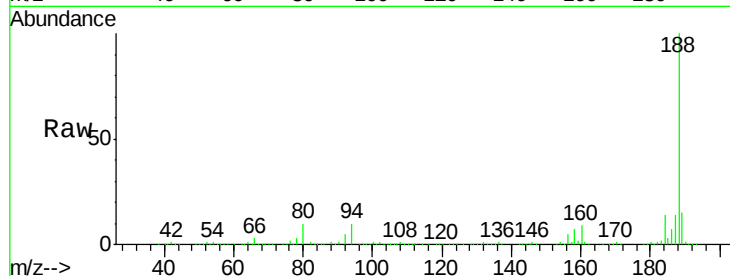




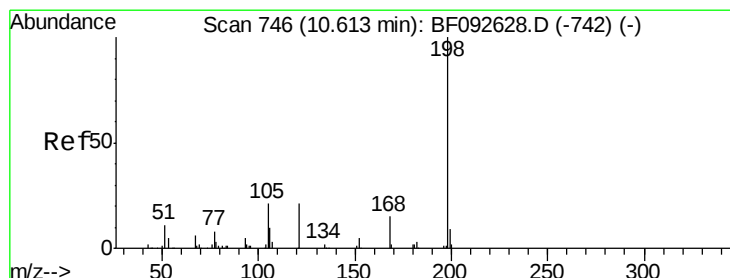
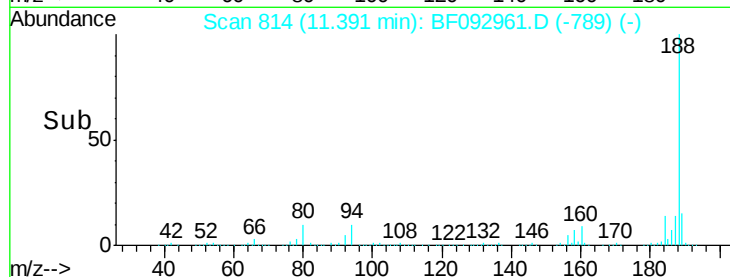
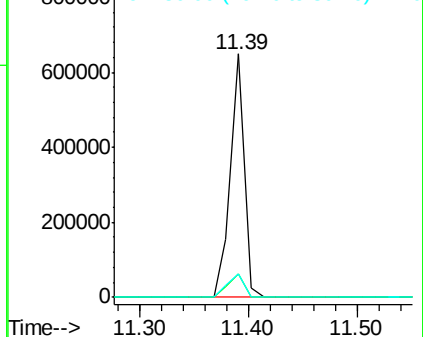
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 574487
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 9.8 11.2 16.8#

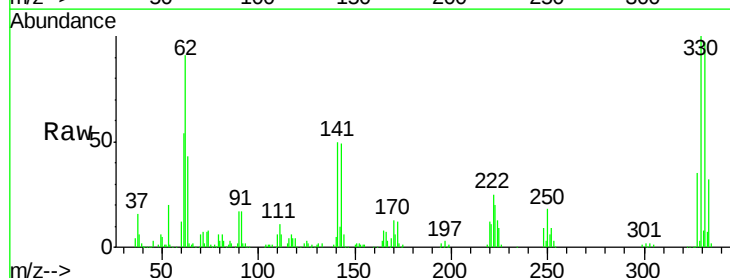


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

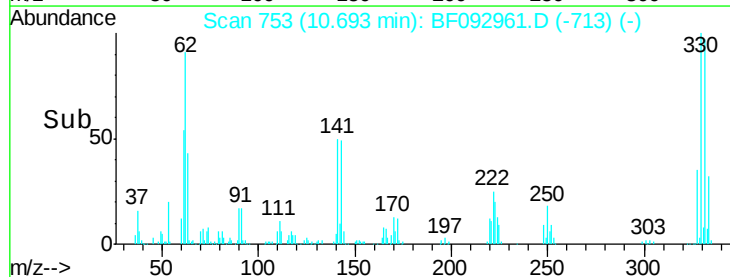
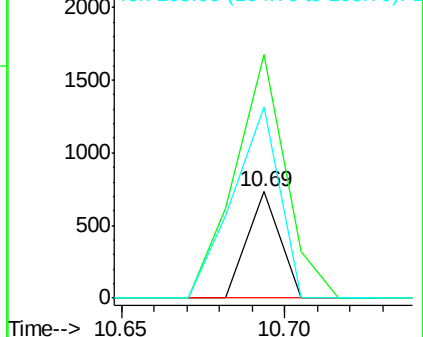


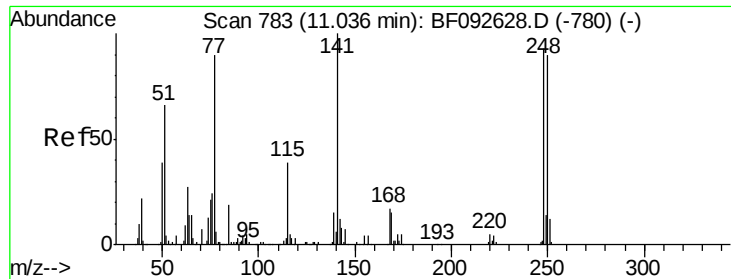
#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:198 Resp: 503
Ion Ratio Lower Upper
198 100
51 228.6 6.7 46.7#
105 179.9 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

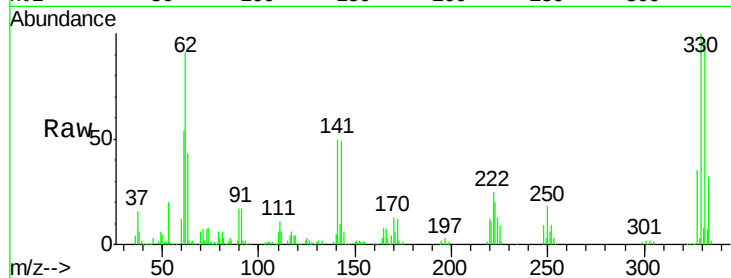




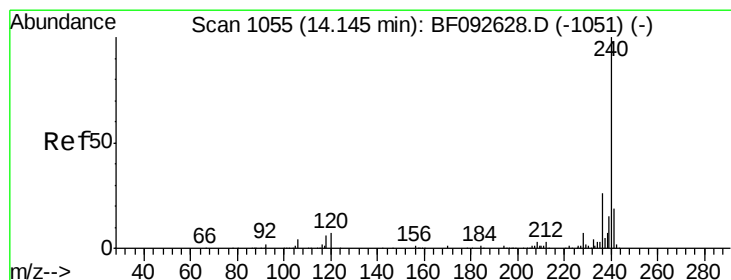
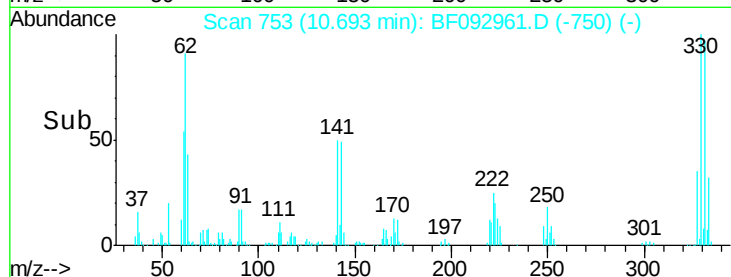
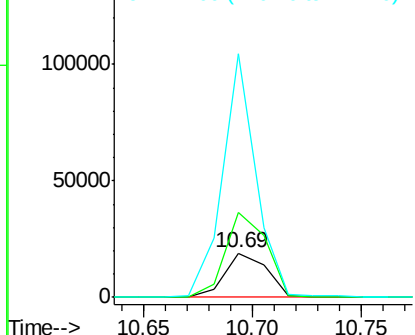
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 25195
Ion Ratio Lower Upper
248 100
250 192.1 76.9 115.3#
141 547.8 68.2 102.4#

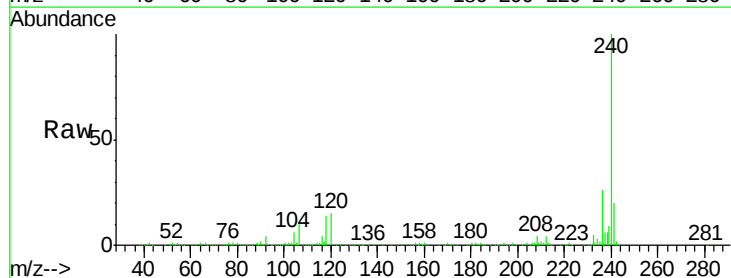


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

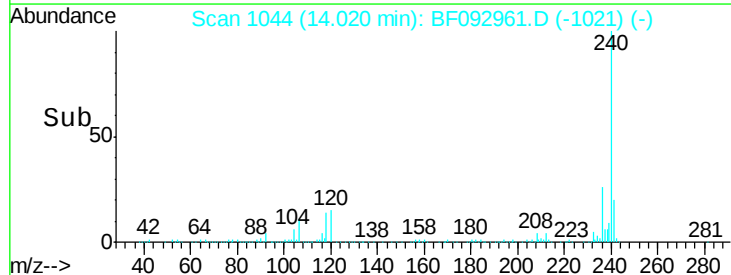
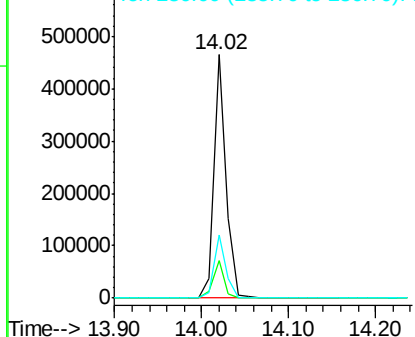


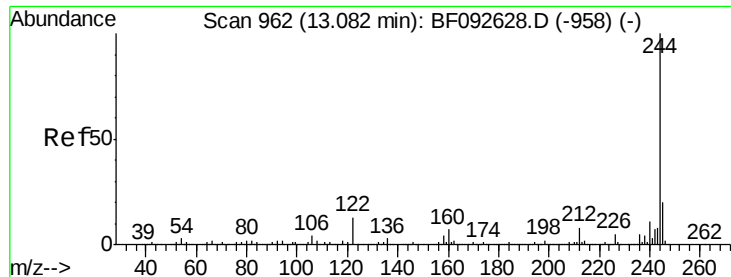
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:240 Resp: 459068
Ion Ratio Lower Upper
240 100
120 15.3 12.9 19.3
236 26.1 20.9 31.3



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: 79.77 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

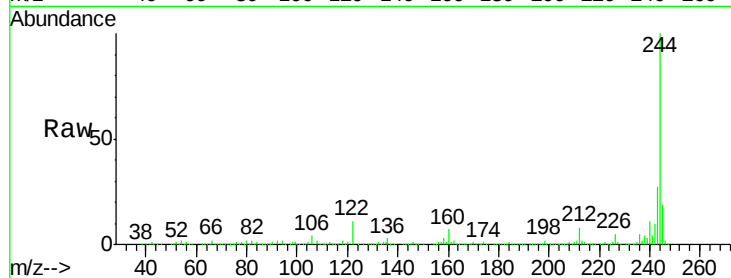
Tot Ion:244 Resp: 1558574

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

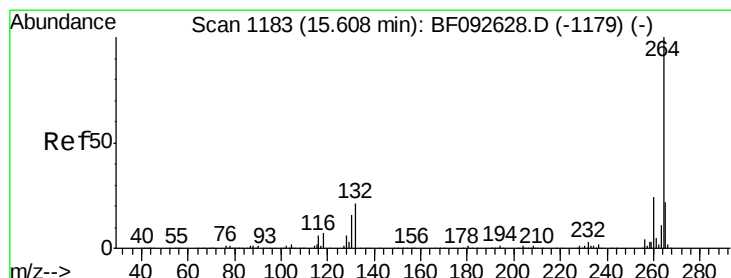
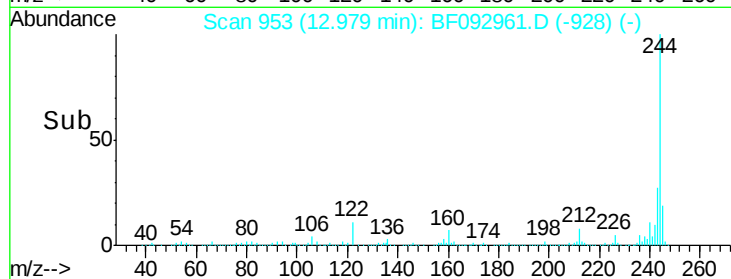
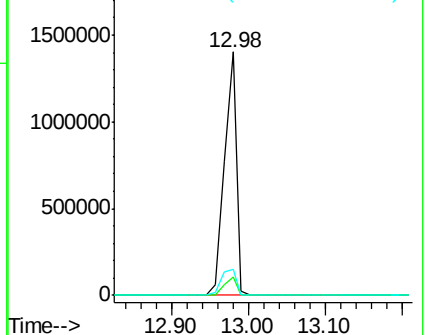
122 10.9 11.4 17.2#



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: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

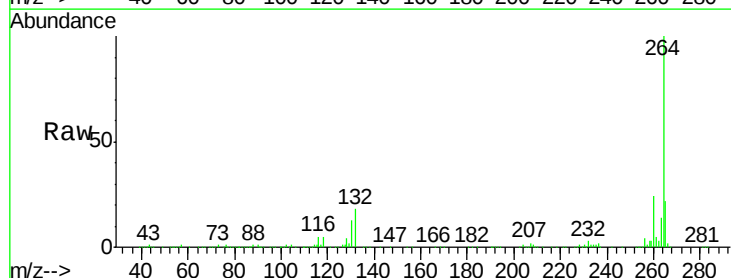
Tgt Ion:264 Resp: 383359

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 17.4 26.0



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

