

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092806.D
 Acq On : 6 Feb 2017 20:05
 Operator : SJ/MA
 Sample : I1696-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5B-A6B-A7B-A8B

Quant Time: Feb 07 01:10:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

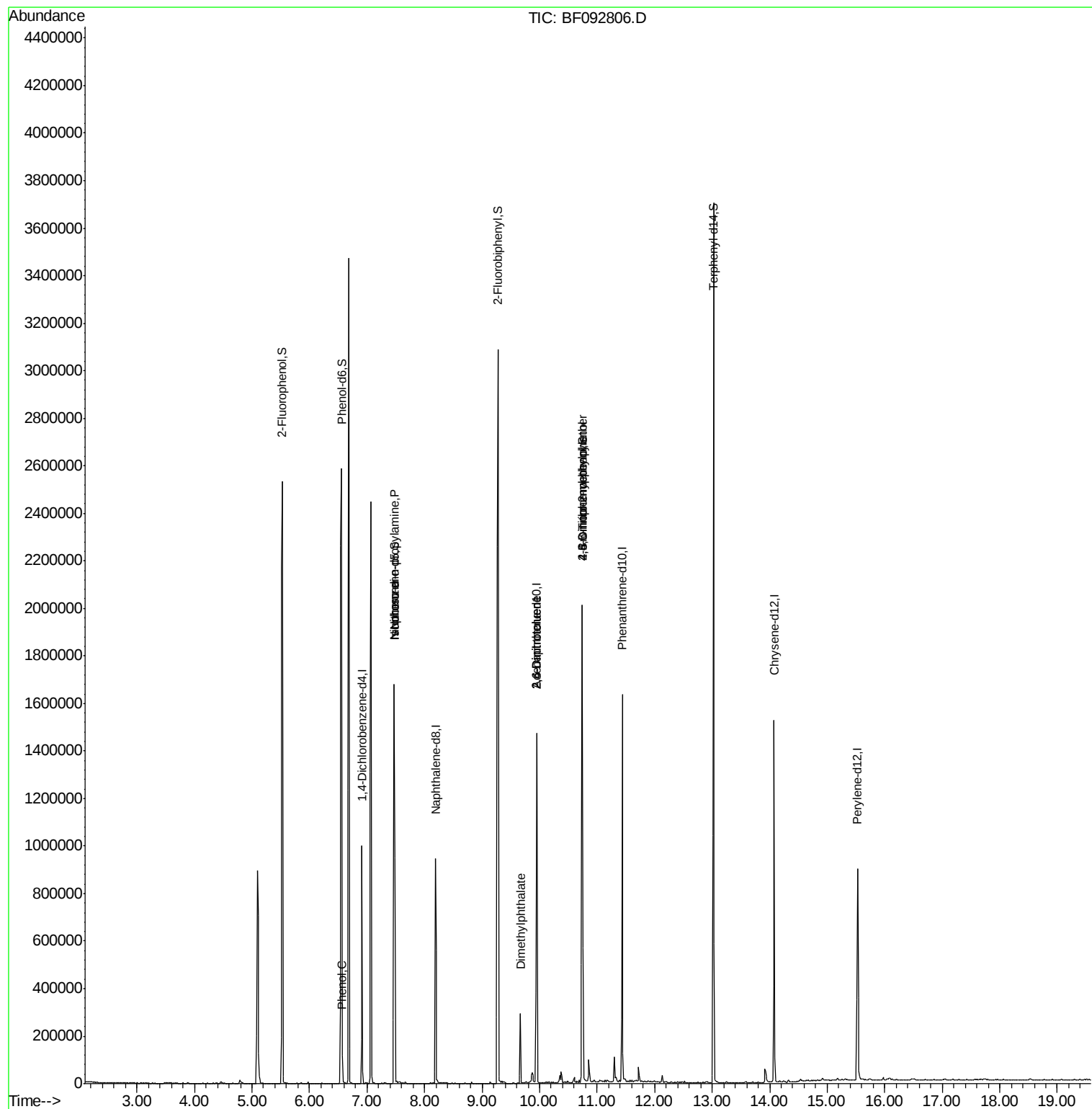
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	140851	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	540391	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	322085	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	566375	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	518501	20.00	ng	-0.07
86) Perylene-d12	15.53	264	413854	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	977018	119.00	ng	-0.04
7) Phenol-d6	6.56	99	1264113	119.67	ng	-0.05
23) Nitrobenzene-d5	7.47	82	681685	70.25	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	261343	112.19	ng	-0.07
44) 2-Fluorobiphenyl	9.28	172	1384558	77.88	ng	-0.06
78) Terphenyl-d14	13.03	244	1211735	54.91	ng	-0.06
Target Compounds						
10) Phenol	6.57	94	49083	3.97	ng	# 62
19) n-Nitroso-di-n-propylamine	7.47	70	88109	13.10	ng	# 82
25) Isophorone	7.47	82	679321	37.57	ng	# 65
49) Dimethylphthalate	9.66	163	115325	5.32	ng	# 99
50) 2,6-Dinitrotoluene	9.95	165	41525	8.86	ng	# 30
56) 2,4-Dinitrotoluene	9.95	165	41527	6.66	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	547	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	18329	3.10	ng	# 1

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

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.06 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5B-A6B-A7B-A8B

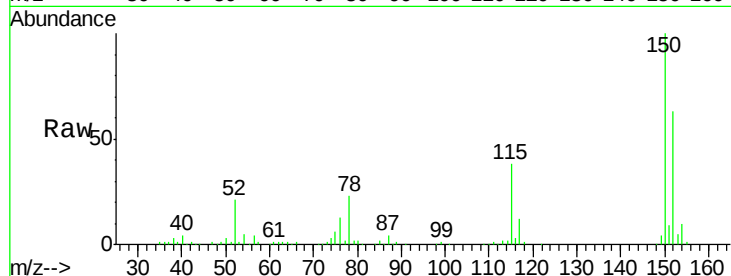
Tgt Ion:152 Resp: 140851

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

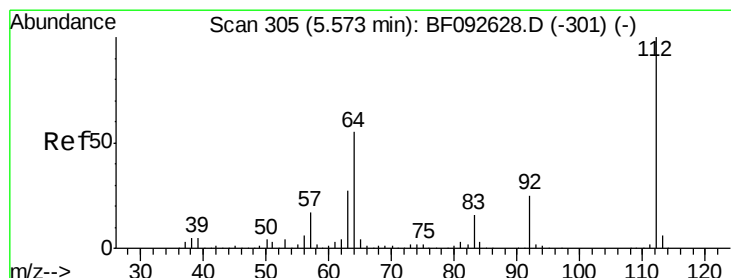
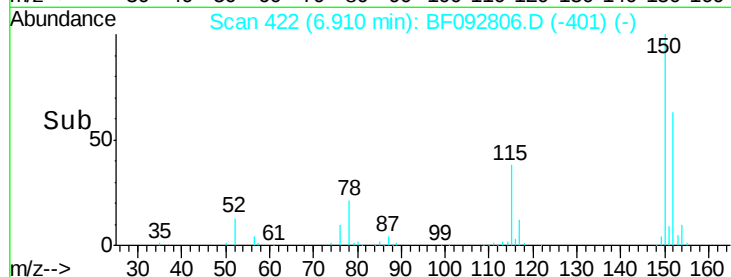
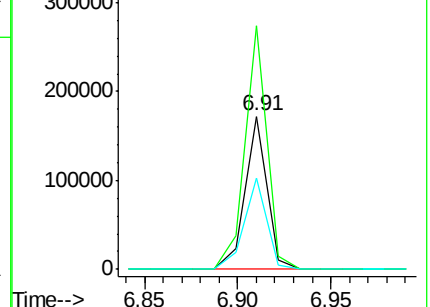
115 60.1 46.0 69.0



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: 119.00 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

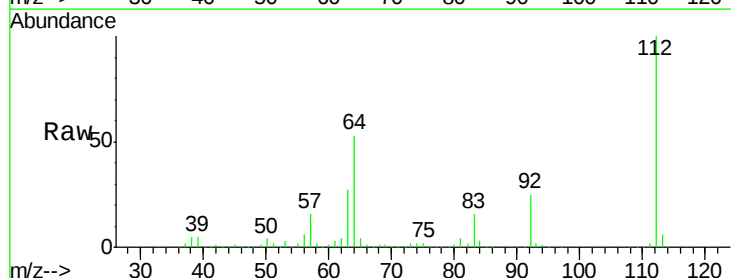
Tgt Ion:112 Resp: 977018

Ion Ratio Lower Upper

112 100

64 53.4 46.1 69.1

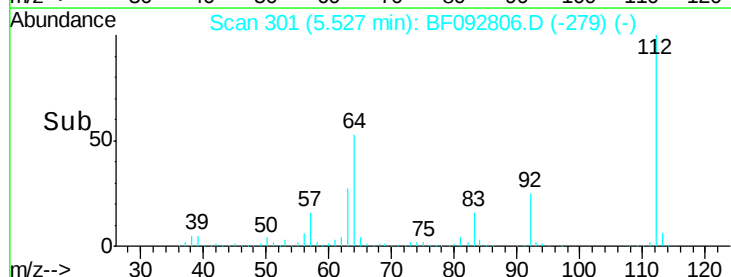
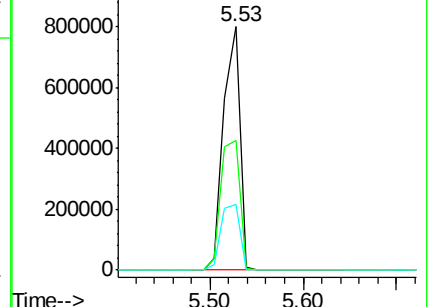
63 26.9 23.8 35.6



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: 119.67 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5B-A6B-A7B-A8B

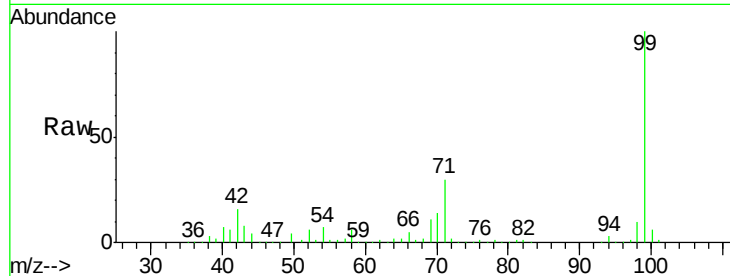
Tgt Ion: 99 Resp: 1264113

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

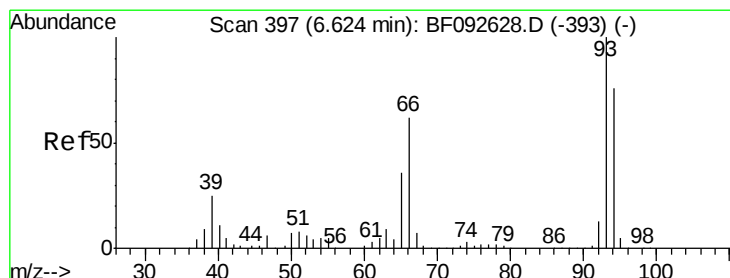
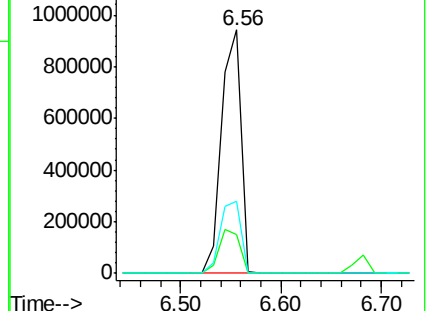
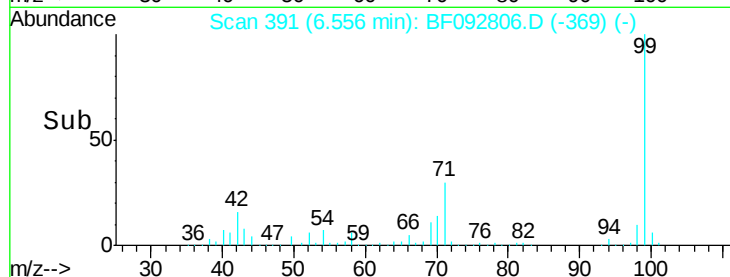
71 29.8 27.5 41.3



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: 3.97 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

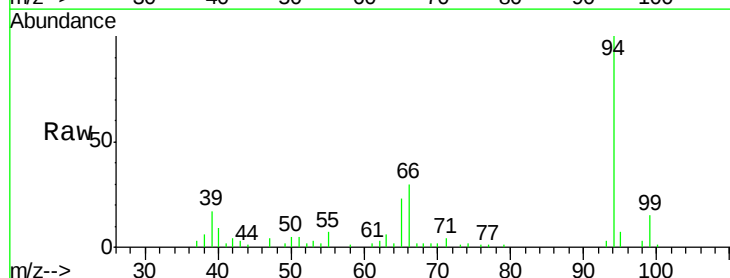
Tgt Ion: 94 Resp: 49083

Ion Ratio Lower Upper

94 100

65 22.9 21.4 61.4

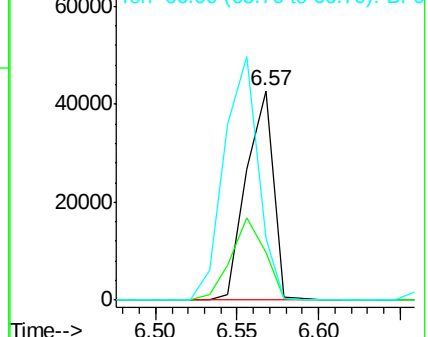
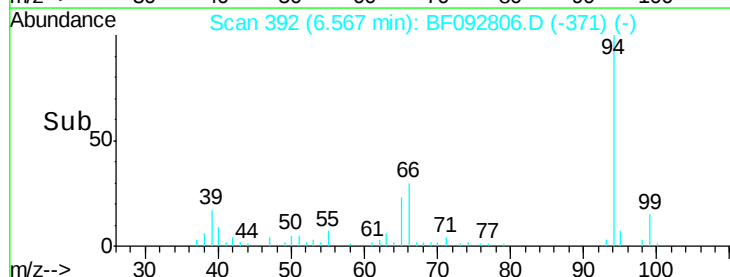
66 29.7 44.0 84.0#



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

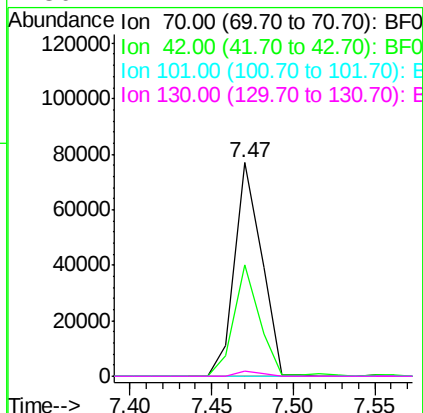
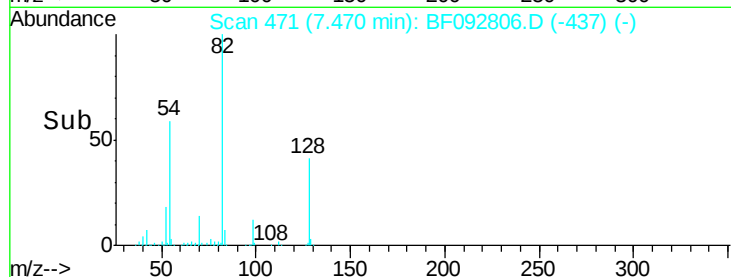
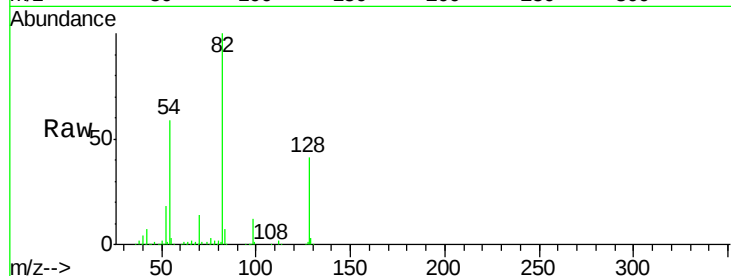




#19
n-Nitroso-di-n-propylamine
Concen: 13.10 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

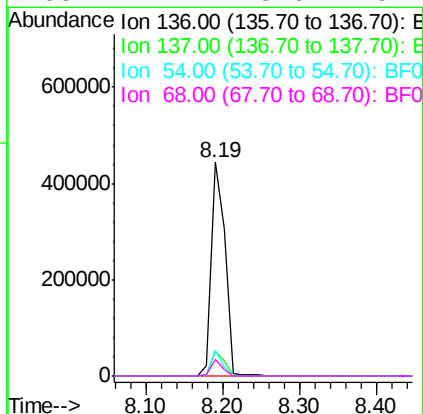
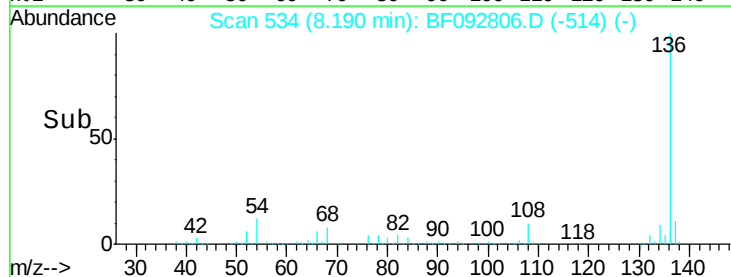
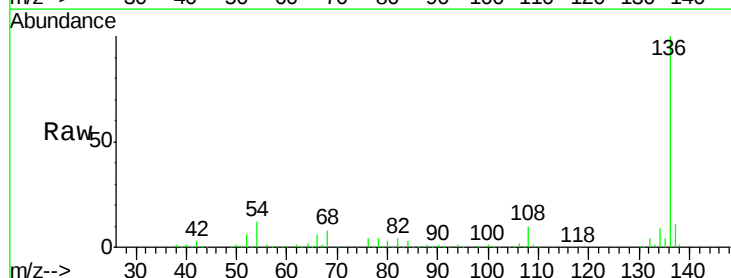
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion: 70 Resp: 88109
Ion Ratio Lower Upper
70 100
42 52.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

Tgt Ion: 136 Resp: 540391
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.9 4.5 6.7#
68 7.7 3.6 5.4#

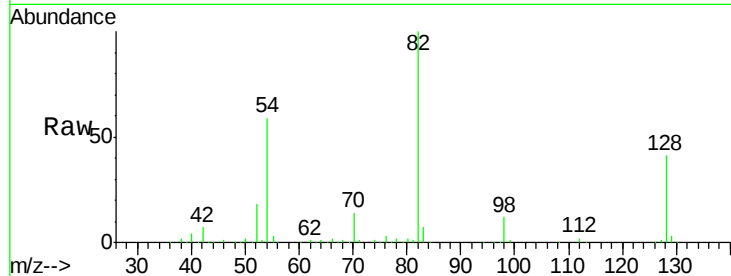




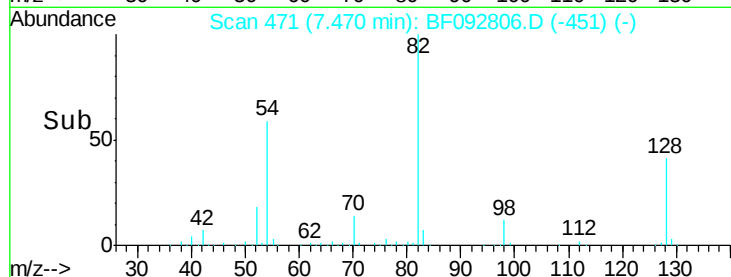
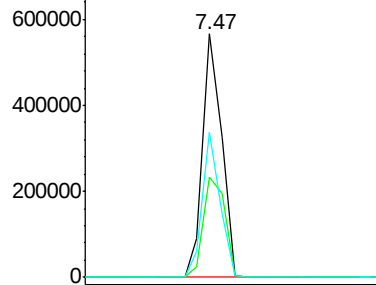
#23
 Nitrobenzene-d5
 Concen: 70.25 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	59.4	39.5	59.3#

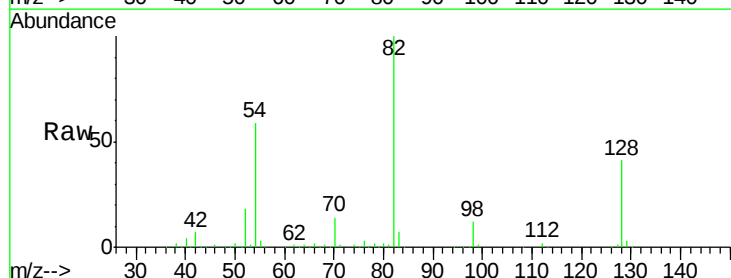


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

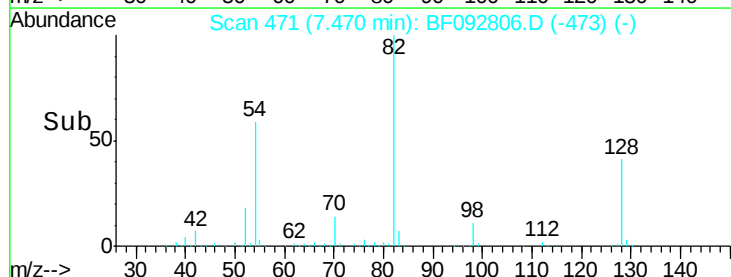
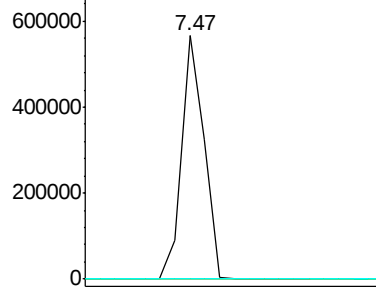


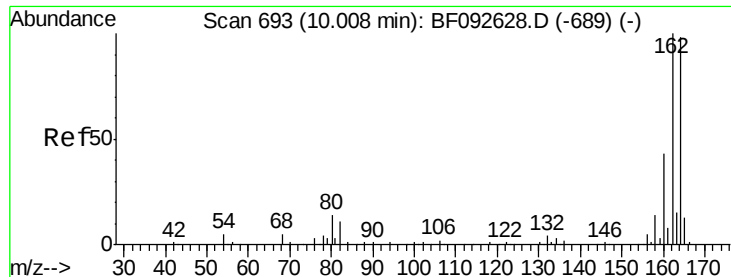
#25
 Isophorone
 Concen: 37.57 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.32 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Tgt 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

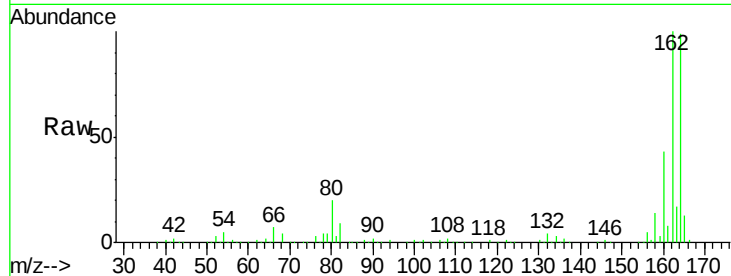




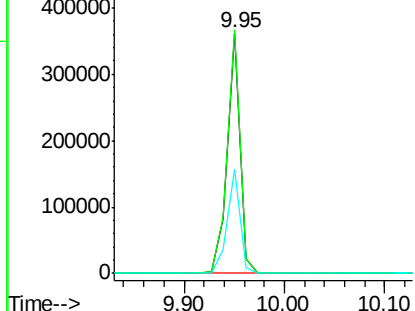
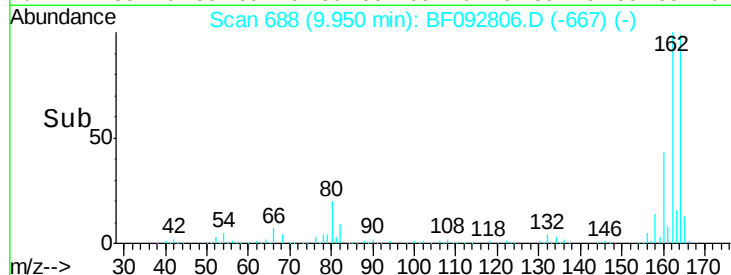
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion:164 Resp: 322085
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 43.3 36.9 55.3

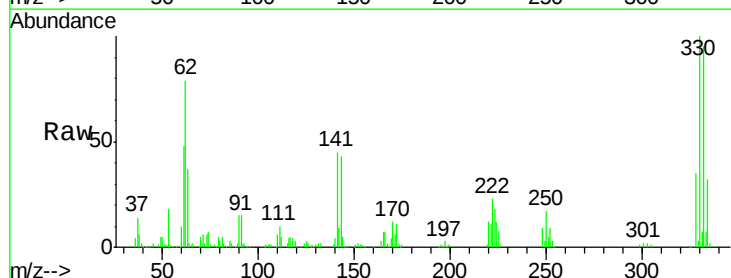


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

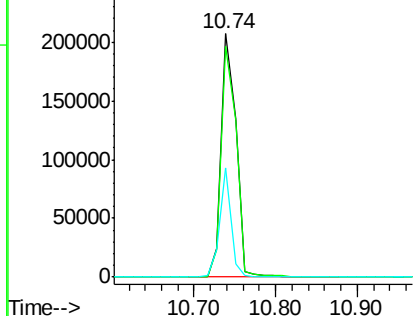
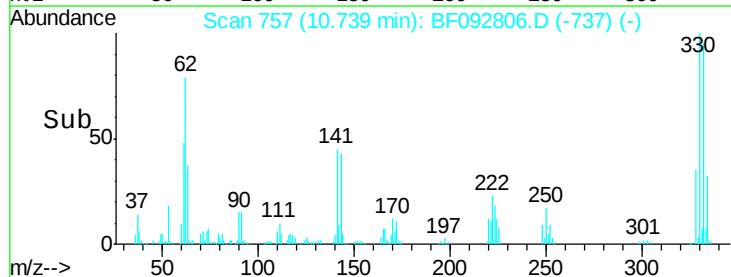


#41
 2,4,6-Tribromophenol
 Concen: 112.19 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Tgt Ion:330 Resp: 261343
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 34.6 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

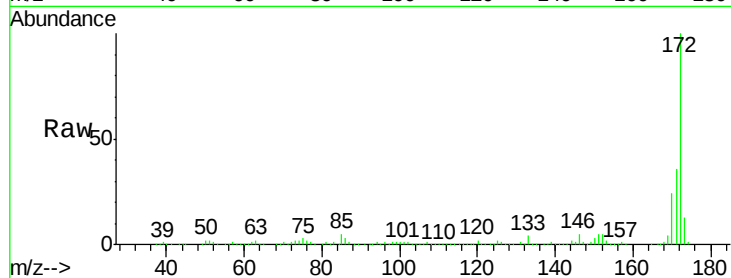




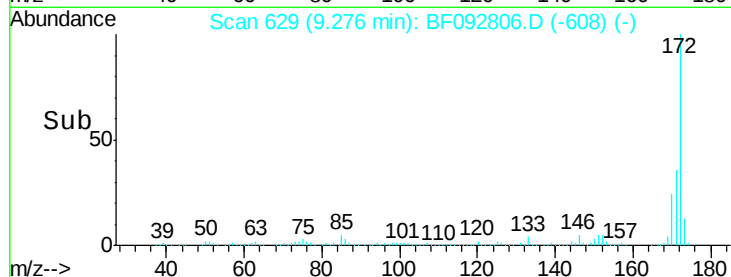
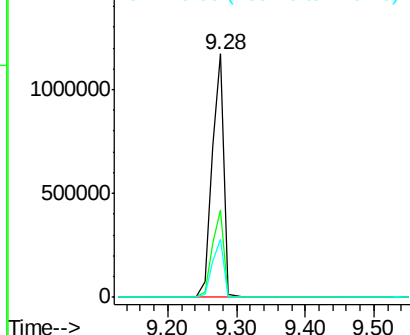
#44
2-Fluorobiphenyl
Concen: 77.88 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion:172 Resp: 1384558
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.9 20.2 30.4

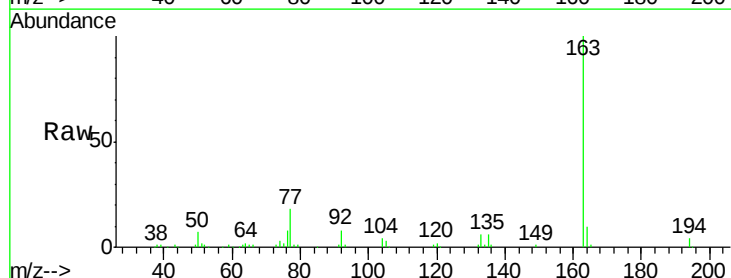


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

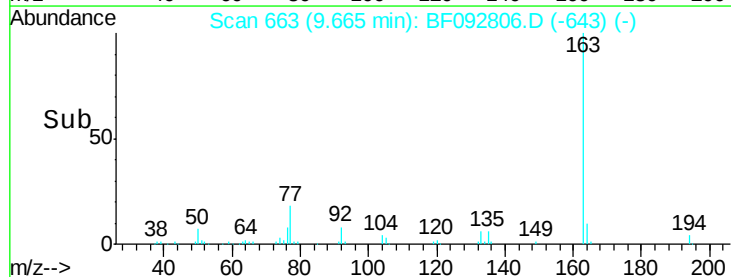
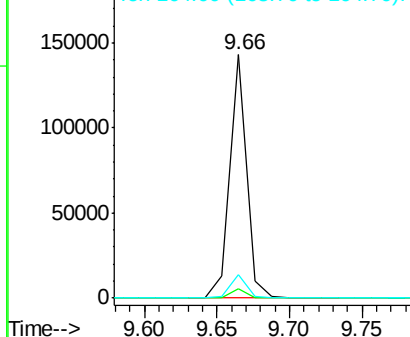


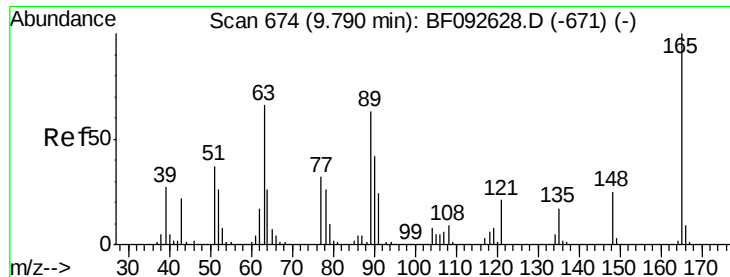
#49
Dimethylphthalate
Concen: 5.32 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

Tgt Ion:163 Resp: 115325
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.0 12.0



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

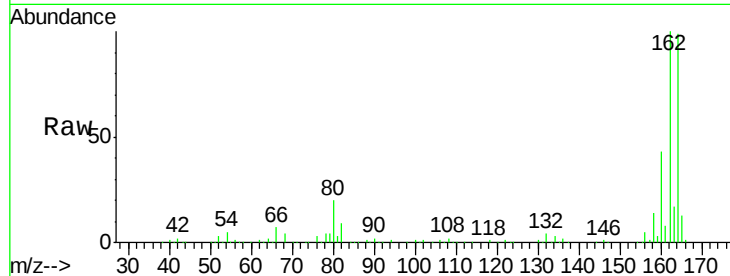




#50
 2,6-Dinitrotoluene
 Concen: 8.86 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.16 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5B-A6B-A7B-A8B

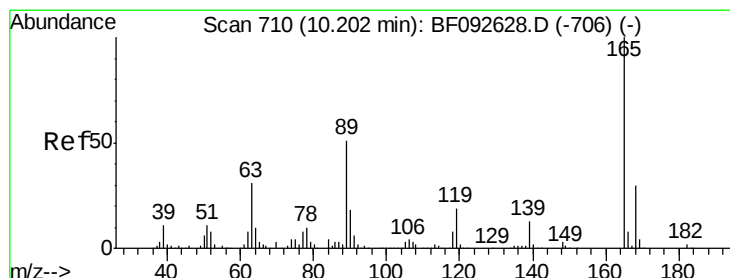
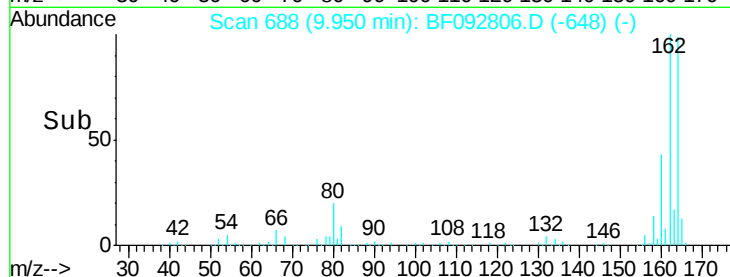
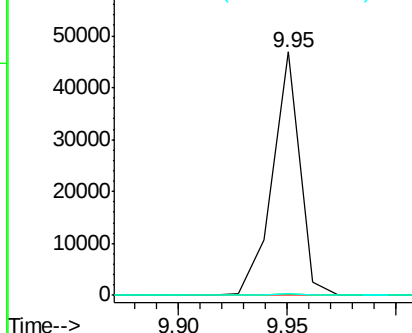
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.7	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

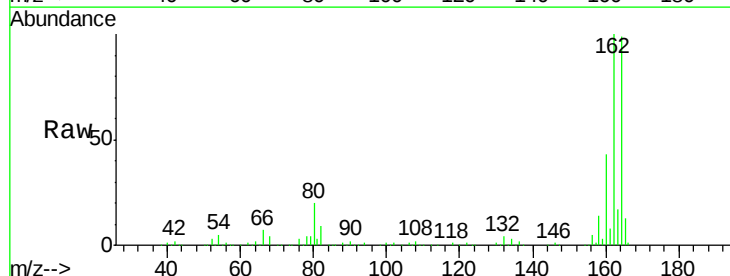
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.66 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.25 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

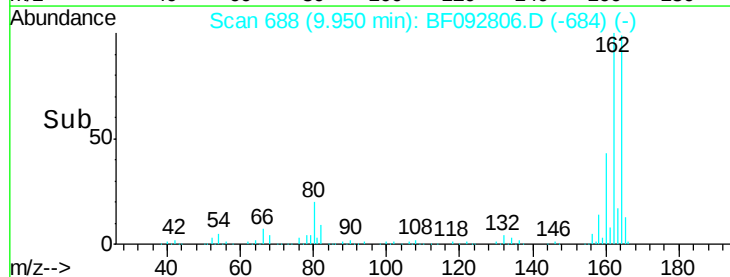
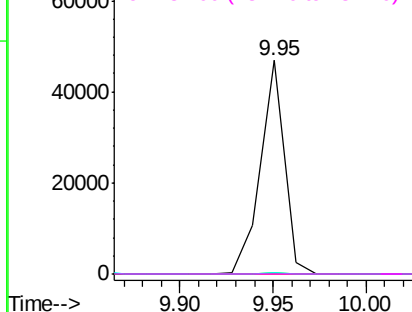


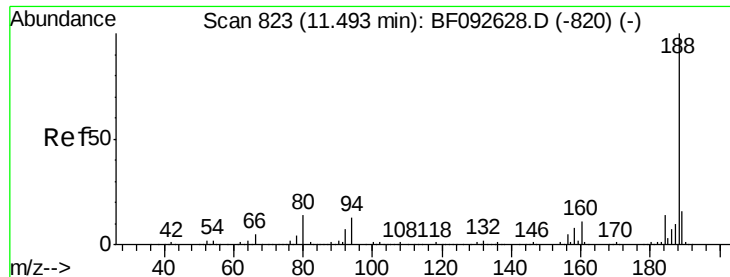
Abundance Ion 165.00 (164.70 to 165.70): E

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

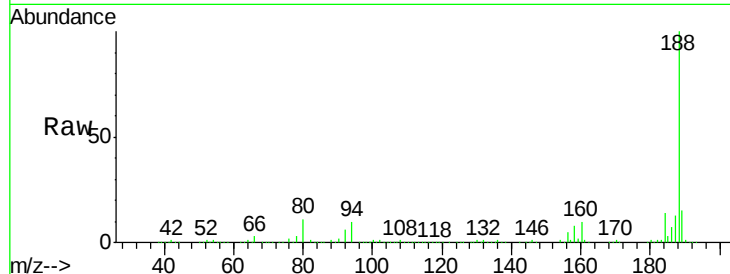




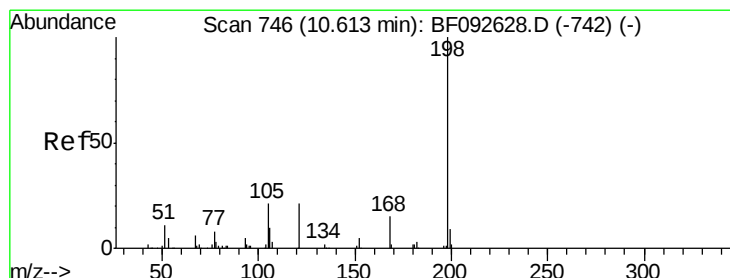
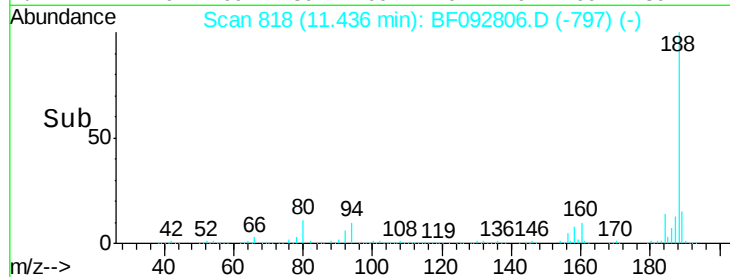
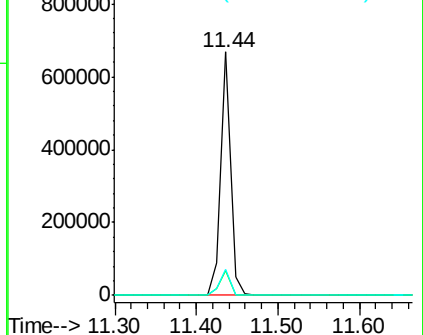
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion:188 Resp: 566375
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.5 11.2 16.8#

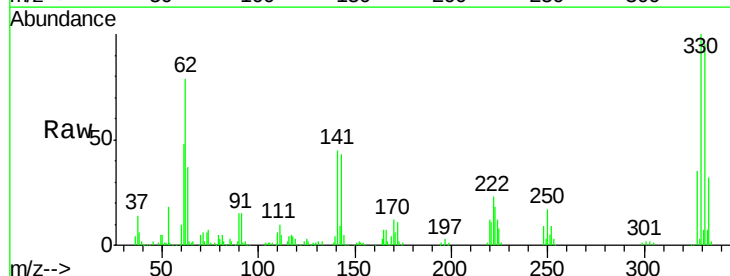


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

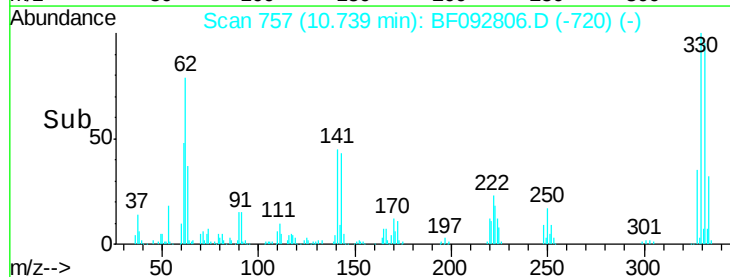
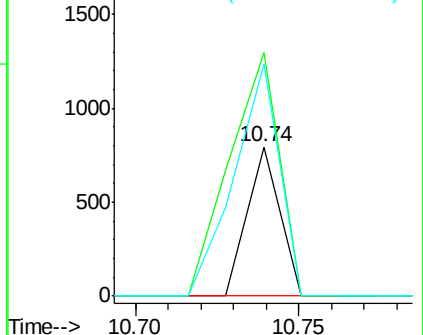


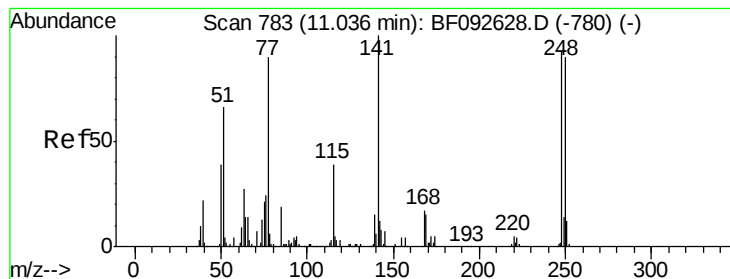
#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092806.D
Acq: 6 Feb 2017 20:05

Tgt Ion:198 Resp: 547
Ion Ratio Lower Upper
198 100
51 162.9 6.7 46.7#
105 155.0 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: 3.10 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5B-A6B-A7B-A8B

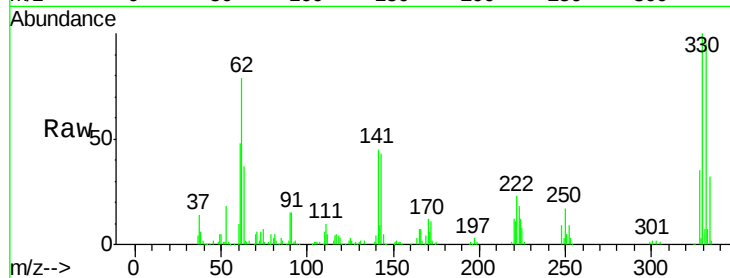
Tgt Ion:248 Resp: 18329

Ion Ratio Lower Upper

248 100

250 194.7 76.9 115.3#

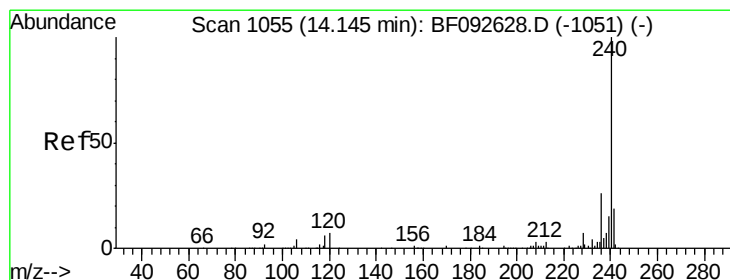
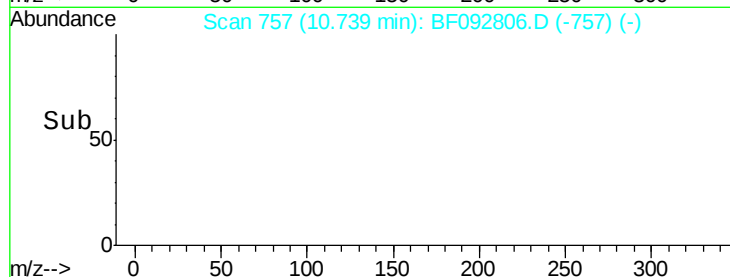
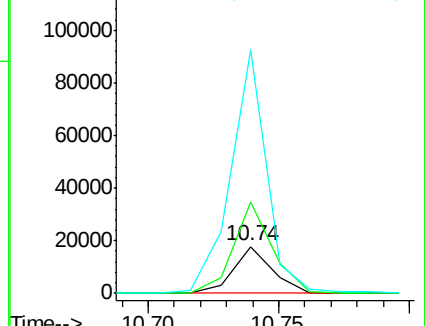
141 518.9 68.2 102.4#



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092806.D

Acq: 6 Feb 2017 20:05

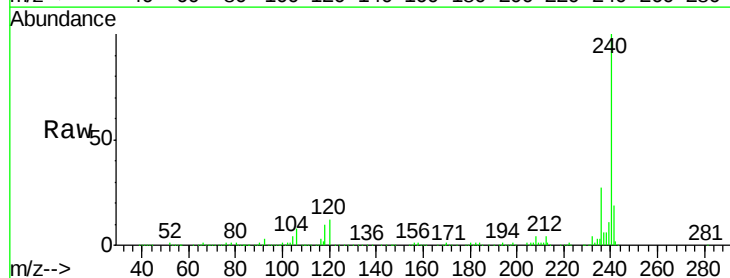
Tgt Ion:240 Resp: 518501

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

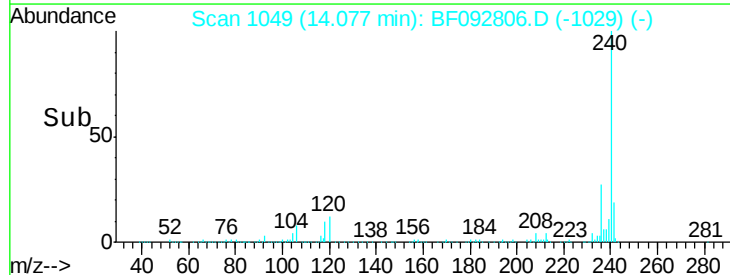
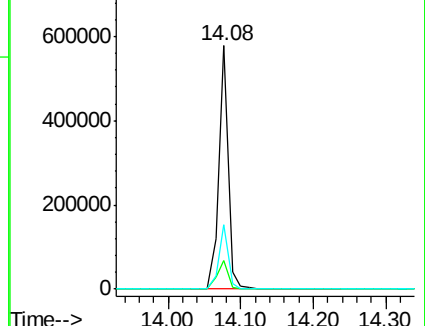
236 26.5 20.9 31.3

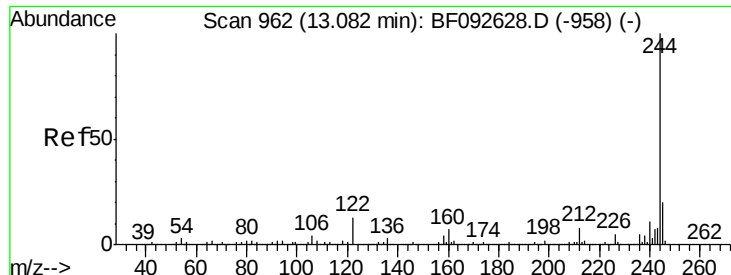


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

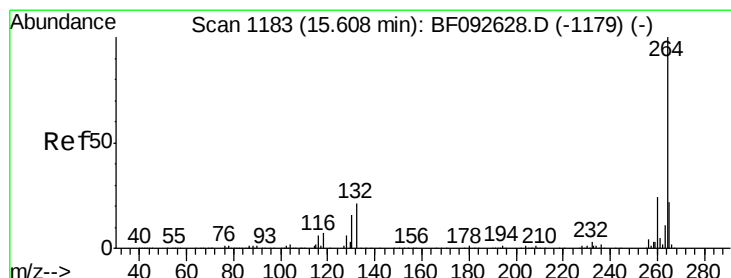
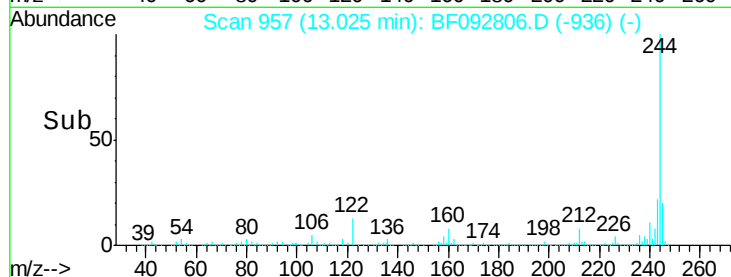
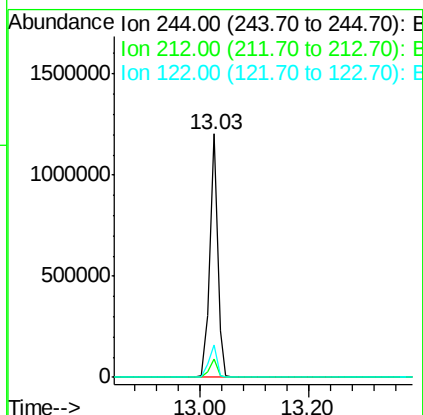
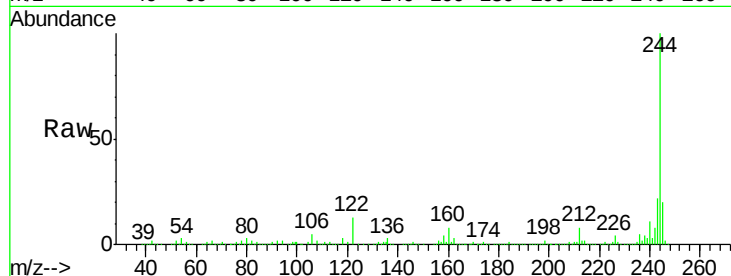




#78
 Terphenyl-d14
 Concen: 54.91 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5B-A6B-A7B-A8B

Tgt Ion:244 Resp: 1211735
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092806.D
 Acq: 6 Feb 2017 20:05

Tgt Ion:264 Resp: 413854
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.4 26.0

