

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092927.D
 Acq On : 13 Feb 2017 19:23
 Operator : SJ/MA
 Sample : I1788-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-021017

Quant Time: Feb 14 00:40:07 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

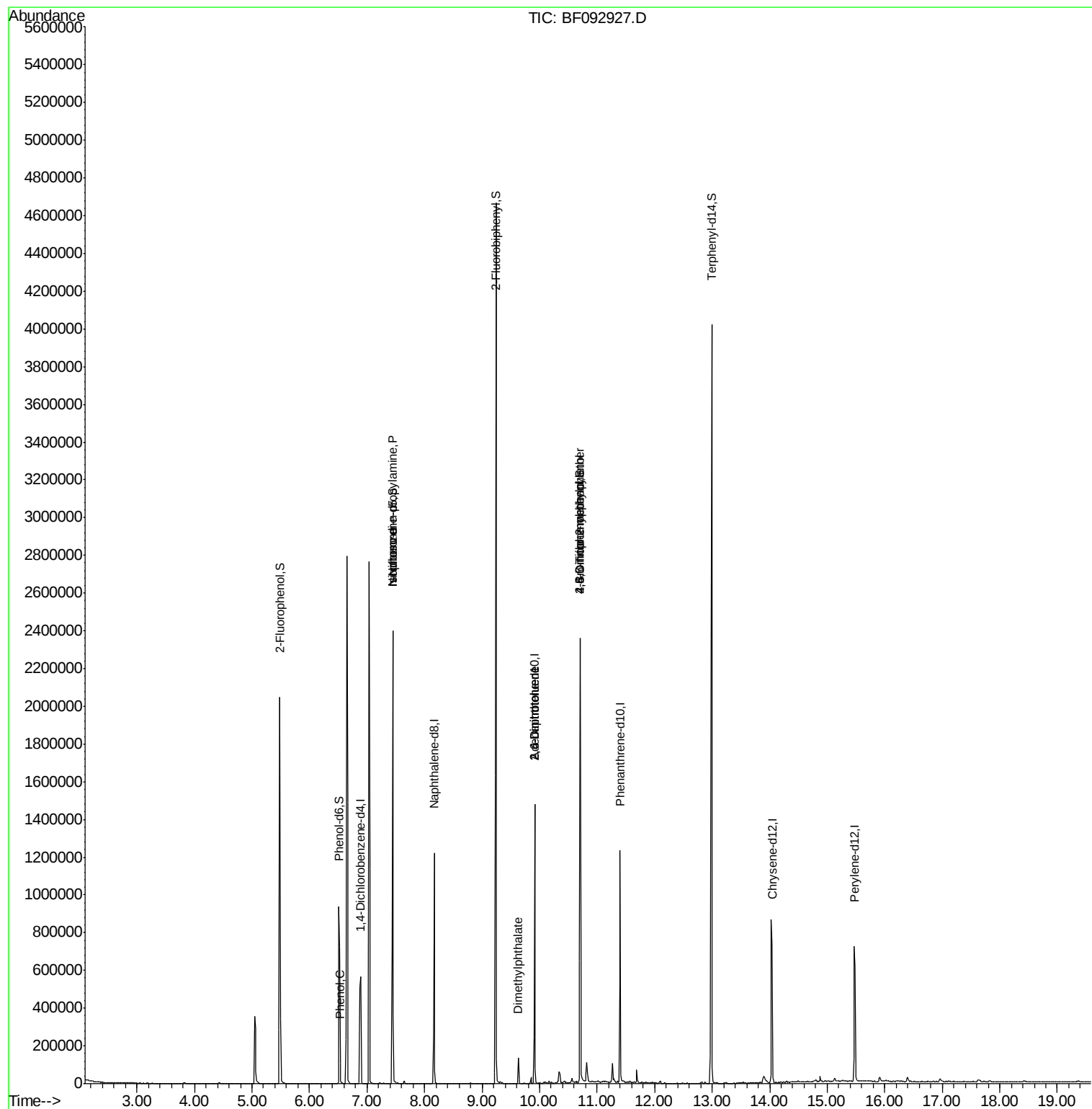
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124546	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	535860	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	295933	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	496408	20.00	ng	0.00
75) Chrysene-d12	14.04	240	419466	20.00	ng	-0.01
86) Perylene-d12	15.47	264	377370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	531265	73.18	ng	0.00
7) Phenol-d6	6.51	99	413052	44.22	ng	-0.02
23) Nitrobenzene-d5	7.45	82	820111	85.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	286327	133.77	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1502769	92.00	ng	0.00
78) Terphenyl-d14	12.99	244	1473277	82.53	ng	0.00
Target Compounds						
10) Phenol	6.53	94	36402	3.33	ng	# 65
19) n-Nitroso-di-n-propylamine	7.45	70	109078	18.34	ng	# 82
25) Isophorone	7.45	82	650414	36.27	ng	# 65
49) Dimethylphthalate	9.63	163	52435	2.63	ng	# 99
50) 2,6-Dinitrotoluene	9.92	165	37856	8.79	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	37858	6.61	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	629	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	20665	3.98	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: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

Instrument :

BNA_F

ClientSampleId :

MW-3-021017

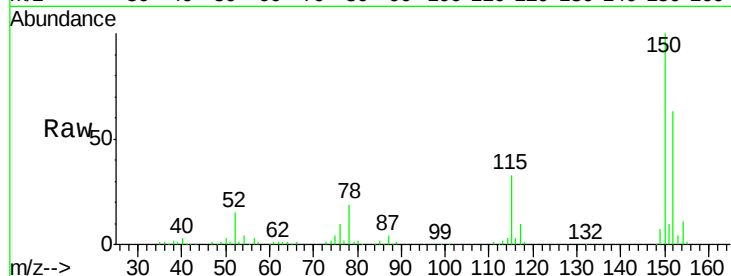
Tgt Ion:152 Resp: 124546

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

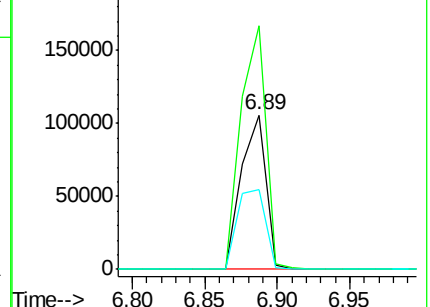
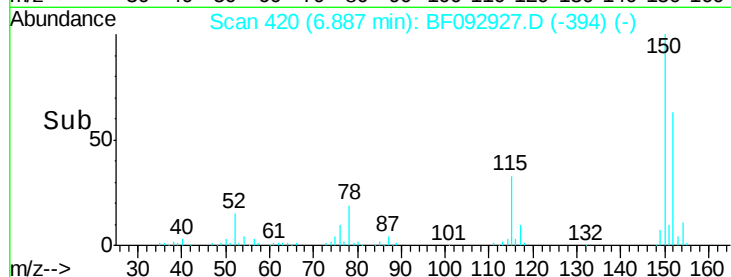
115 51.7 46.0 69.0



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: 73.18 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

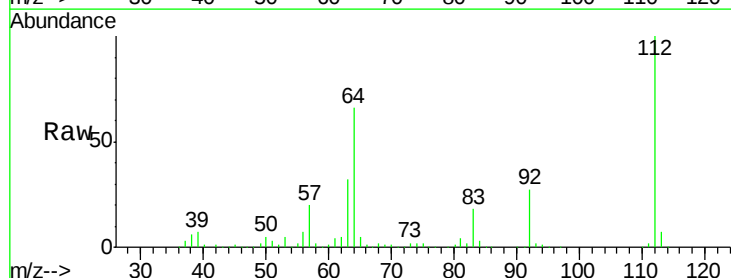
Tgt Ion:112 Resp: 531265

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

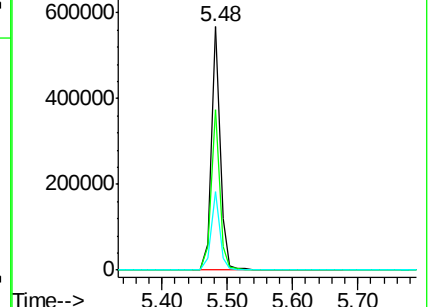
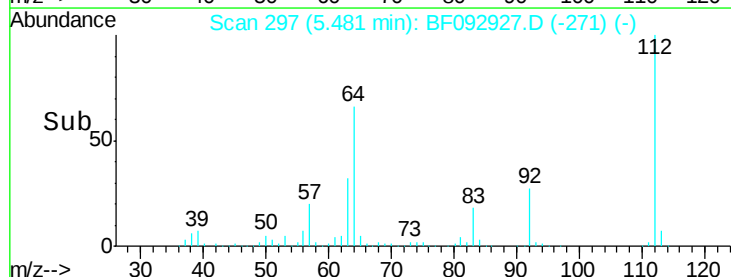
63 32.5 23.8 35.6

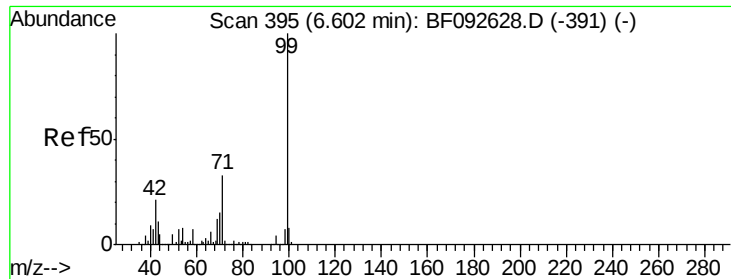


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.22 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

Instrument :

BNA_F

ClientSampleId :

MW-3-021017

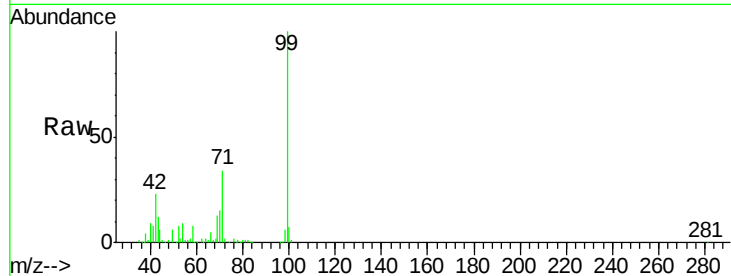
Tgt Ion: 99 Resp: 413052

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

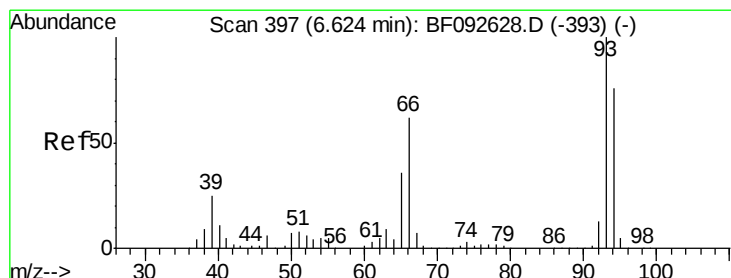
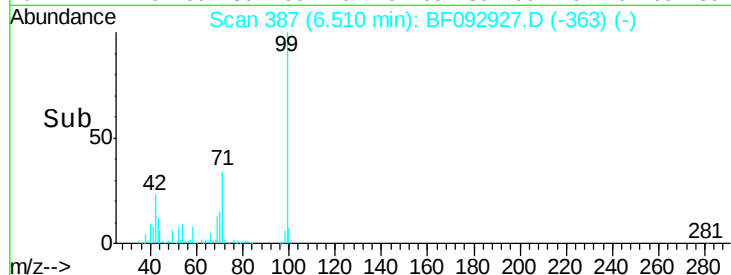
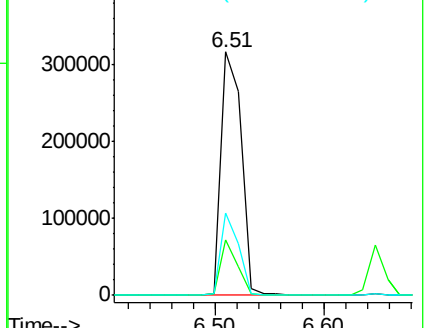
71 34.0 27.5 41.3



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: 3.33 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

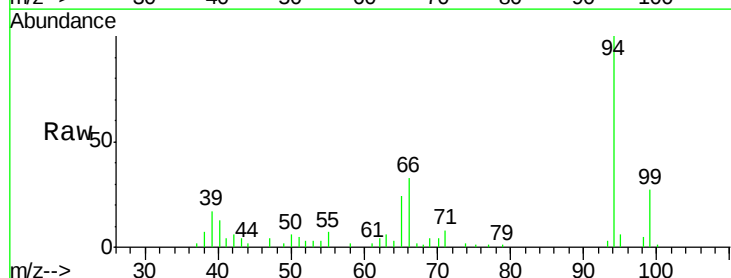
Tgt Ion: 94 Resp: 36402

Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

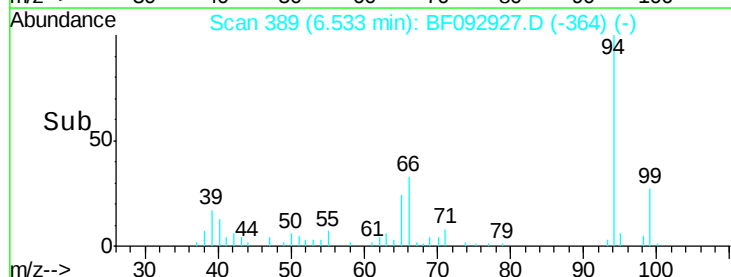
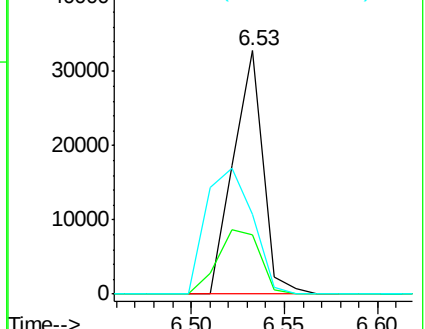
66 32.7 44.0 84.0#



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

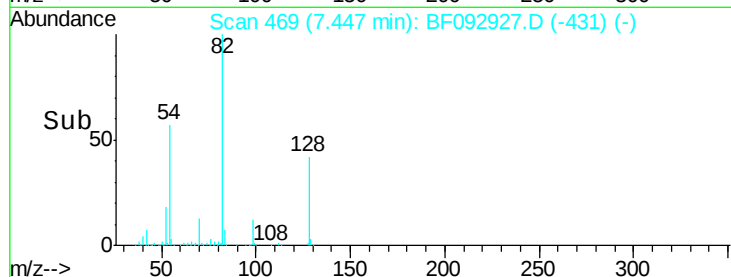
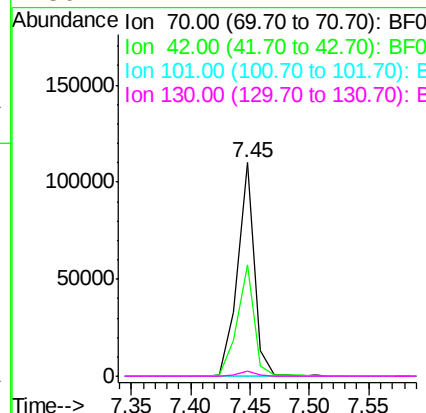
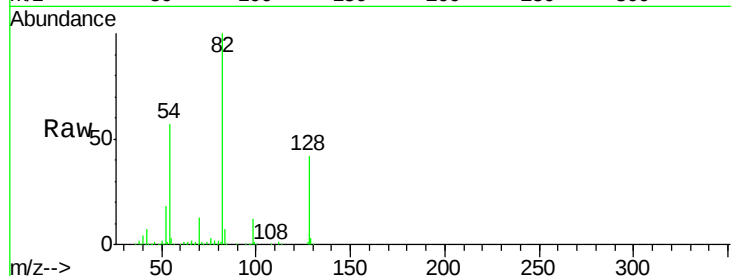




#19
n-Nitroso-di-n-propylamine
Concen: 18.34 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.14 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

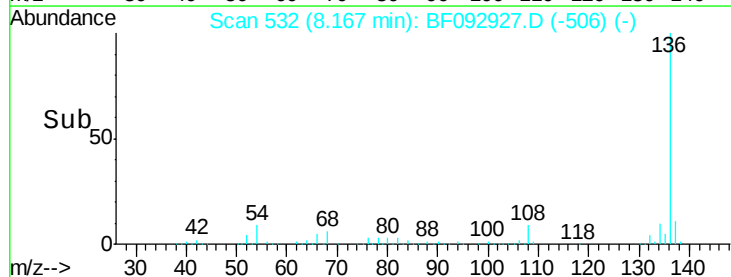
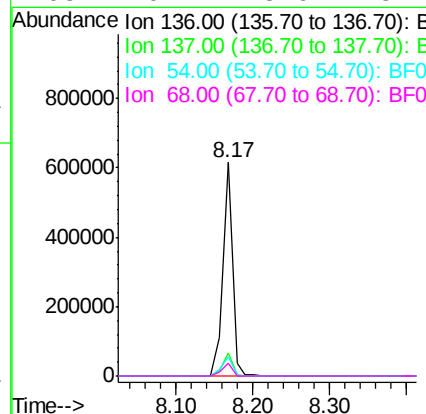
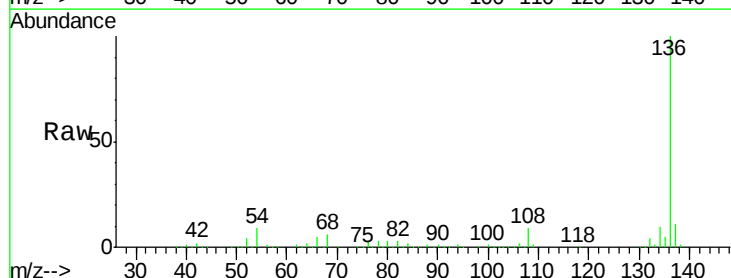
Instrument :
BNA_F
ClientSampleId :
MW-3-021017

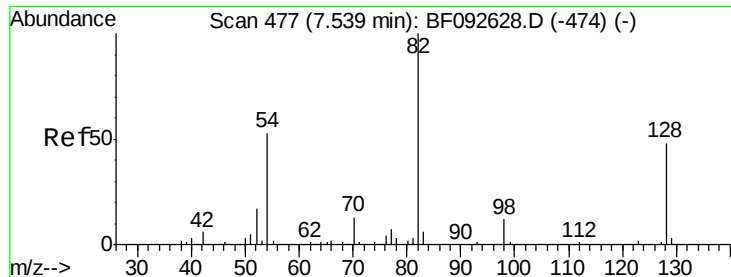
Tgt Ion: 70 Resp: 109078
Ion Ratio Lower Upper
70 100
42 52.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Tgt Ion: 136 Resp: 535860
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.0 4.5 6.7#
68 6.1 3.6 5.4#

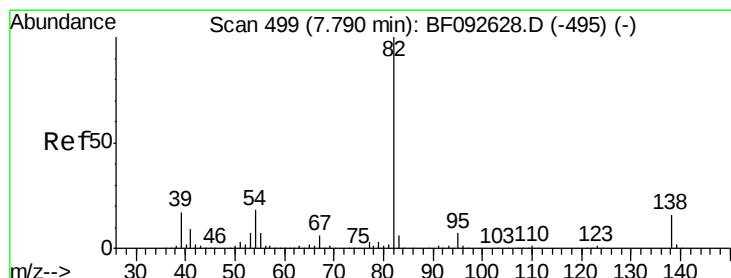
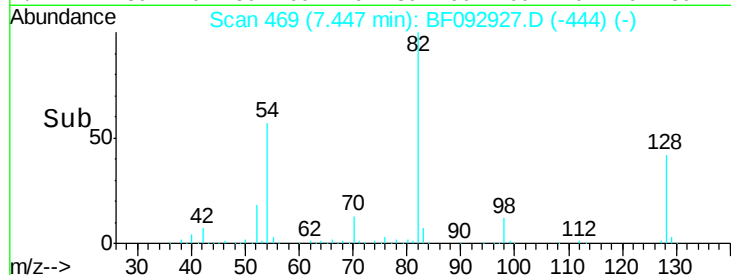
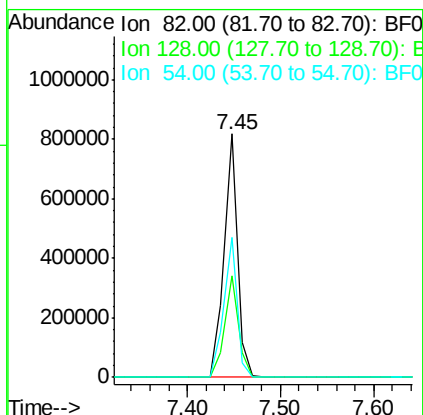
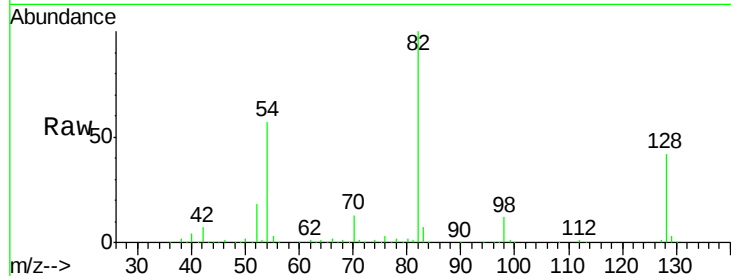




#23
 Nitrobenzene-d5
 Concen: 85.23 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

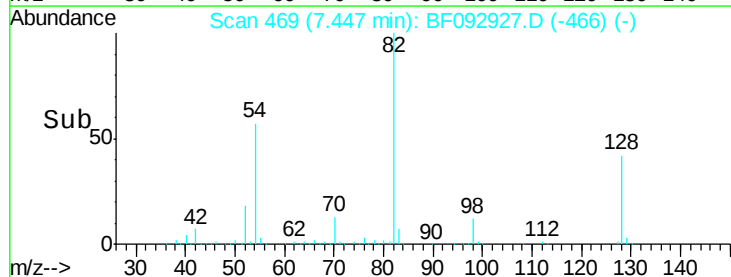
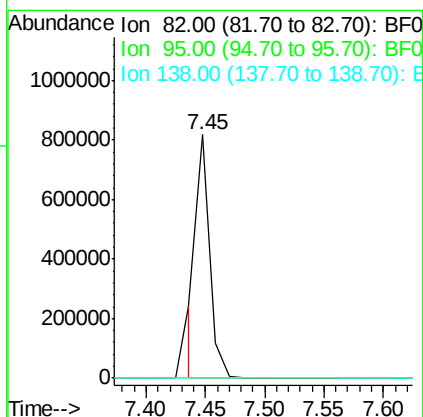
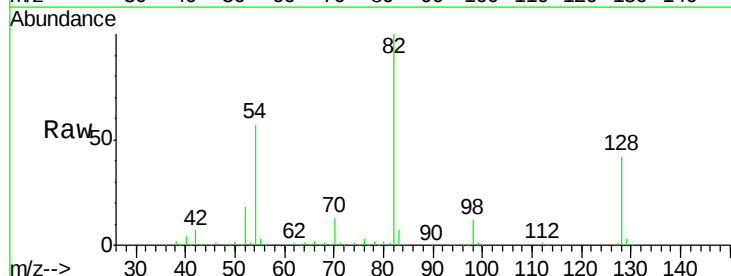
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-021017

Tgt Ion: 82 Resp: 820111
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 57.5 39.5 59.3



#25
 Isophorone
 Concen: 36.27 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.26 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

Tgt Ion: 82 Resp: 650414
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

Instrument :

BNA_F

ClientSampleId :

MW-3-021017

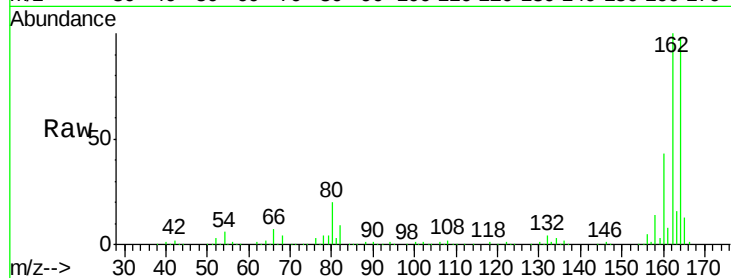
Tgt Ion:164 Resp: 295933

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

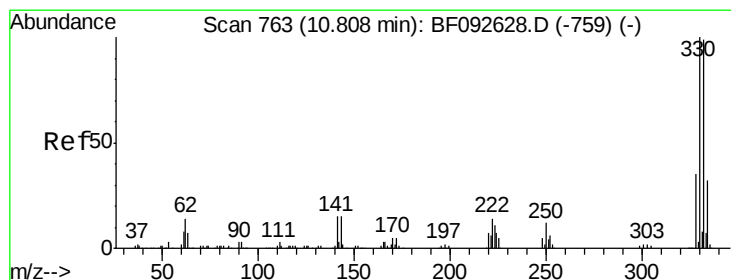
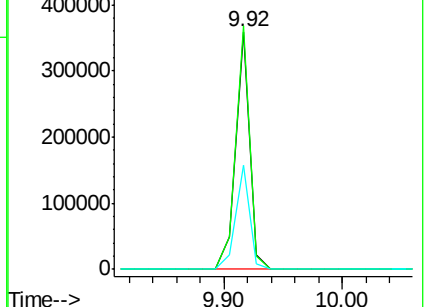
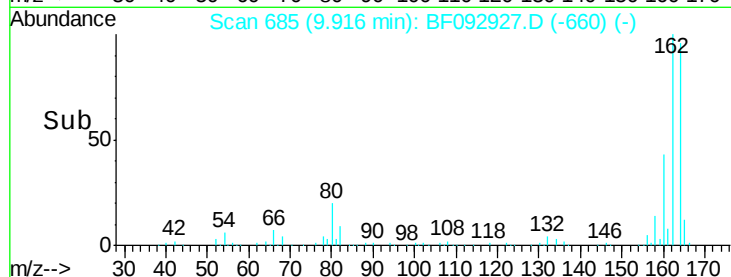
160 43.7 36.9 55.3



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: 133.77 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092927.D

Acq: 13 Feb 2017 19:23

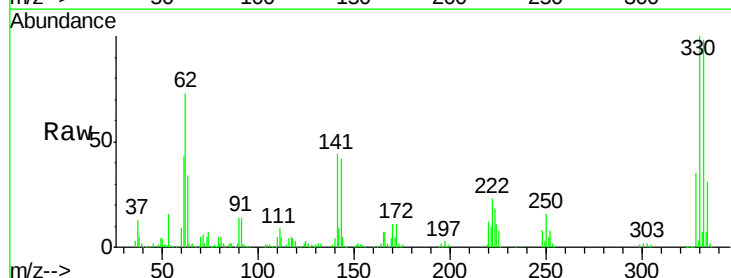
Tgt Ion:330 Resp: 286327

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

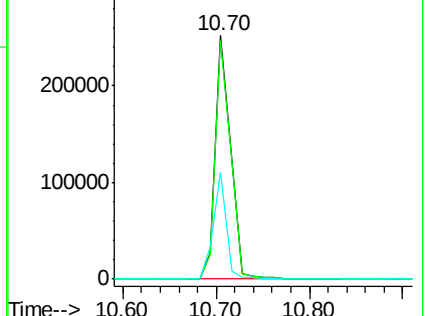
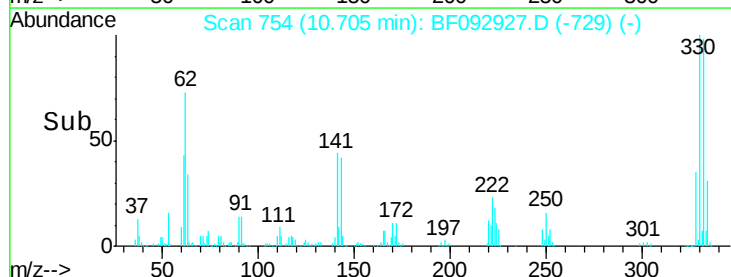
141 38.2 34.1 51.1

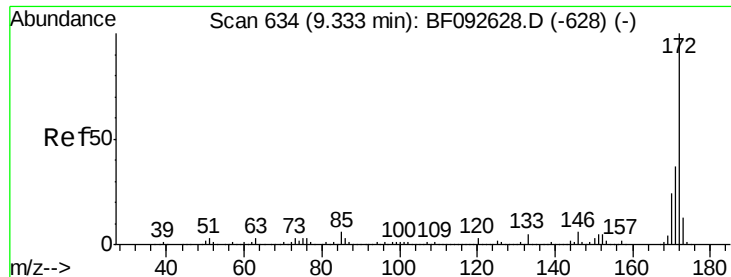


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

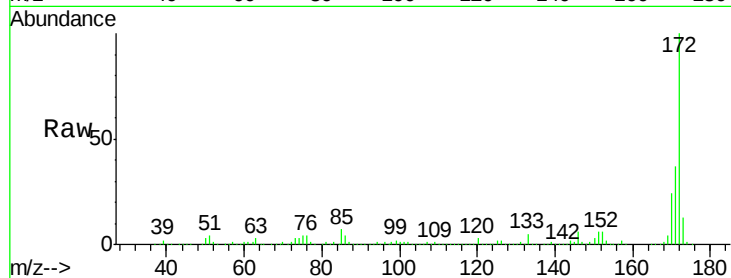




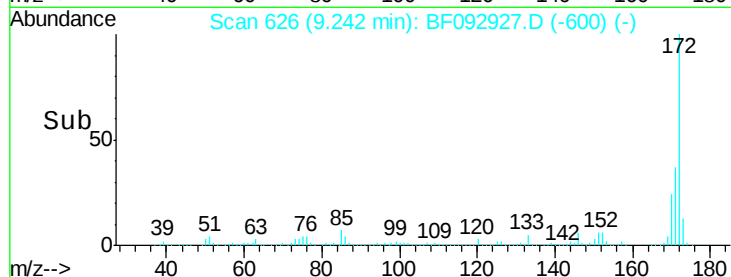
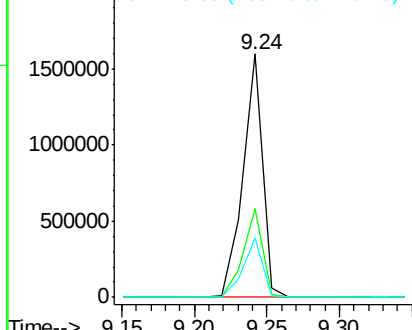
#44
2-Fluorobiphenyl
Concen: 92.00 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Instrument :
BNA_F
ClientSampleId :
MW-3-021017

Tgt Ion:172 Resp: 1502769
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.4 20.2 30.4

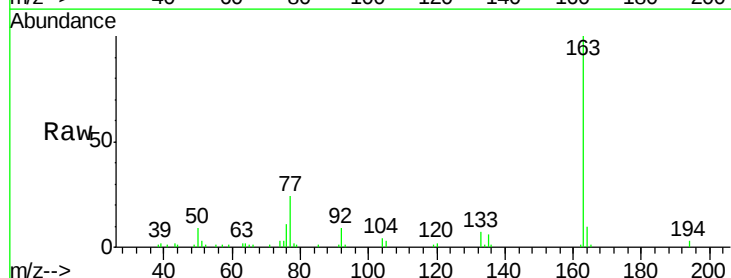


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

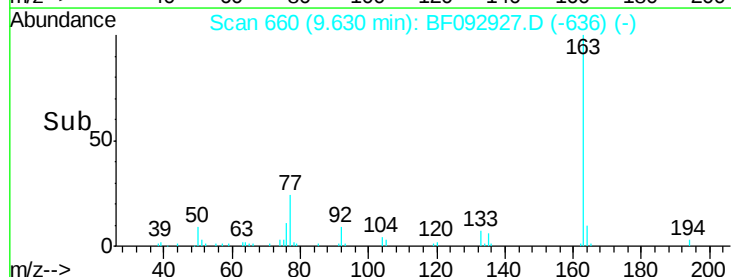
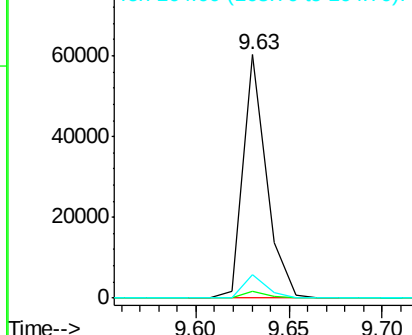


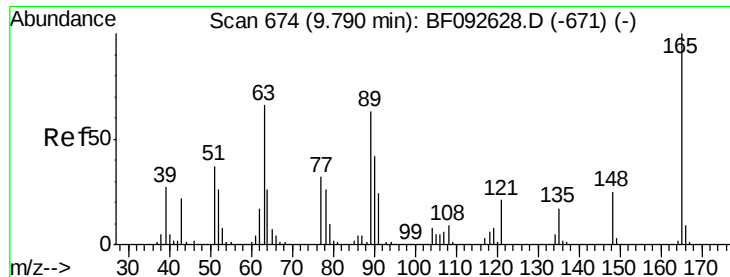
#49
Dimethylphthalate
Concen: 2.63 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Tgt Ion:163 Resp: 52435
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 9.8 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

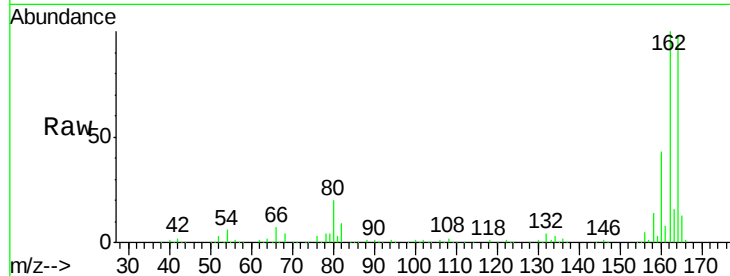




#50
 2,6-Dinitrotoluene
 Concen: 8.79 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-021017

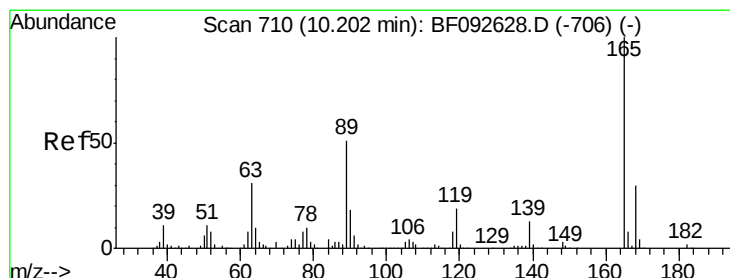
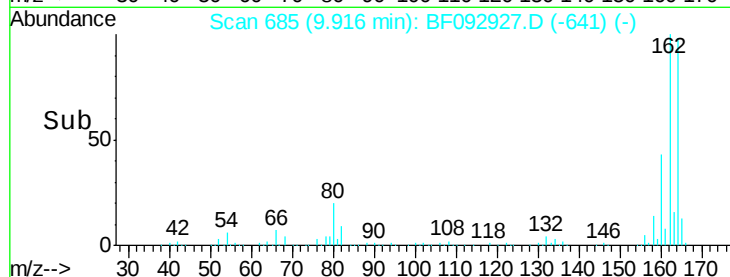
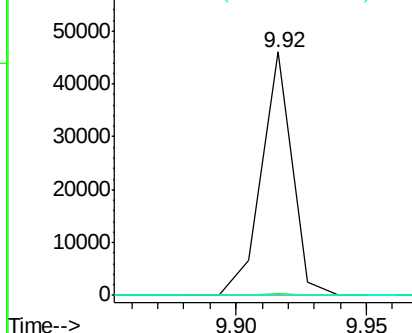
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

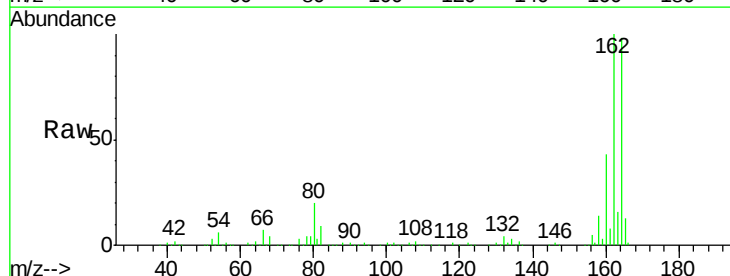
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

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

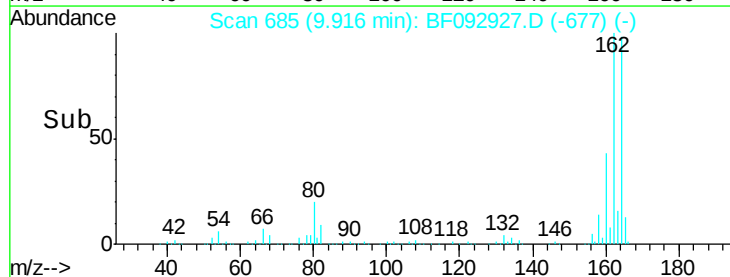
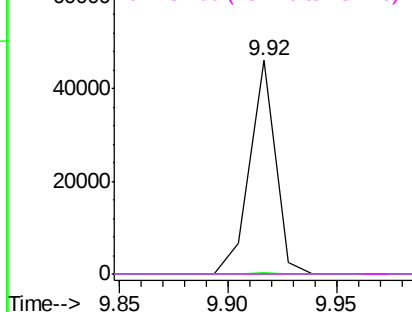


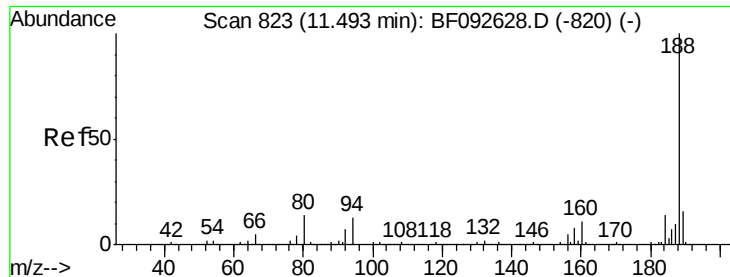
Abundance Ion 165.00 (164.70 to 165.70): E

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

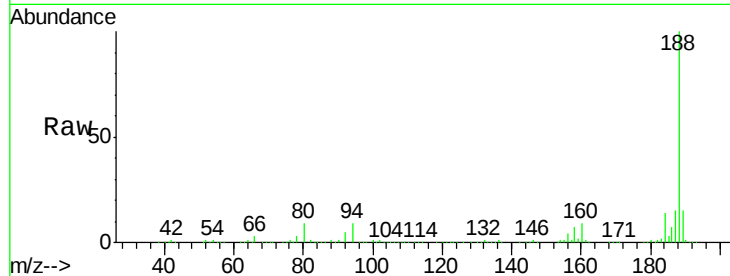




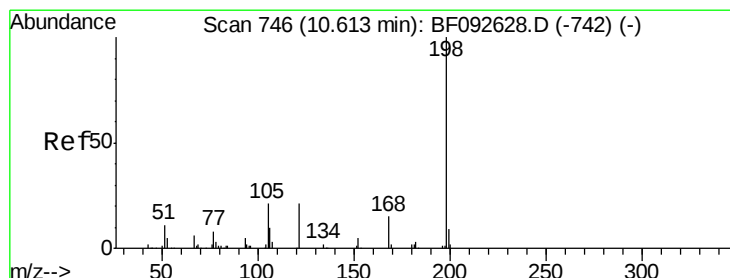
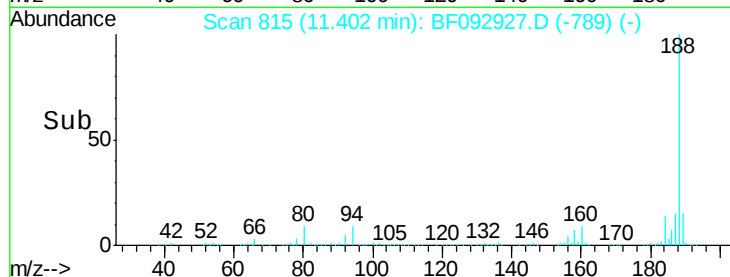
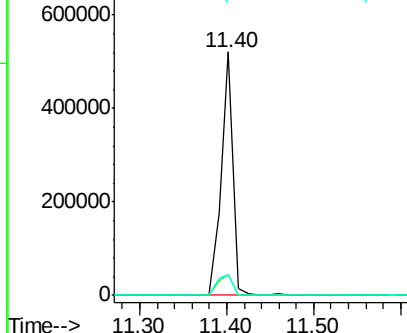
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Instrument :
BNA_F
ClientSampleId :
MW-3-021017

Tgt Ion:188 Resp: 496408
Ion Ratio Lower Upper
188 100
94 8.7 10.0 15.0#
80 8.8 11.2 16.8#

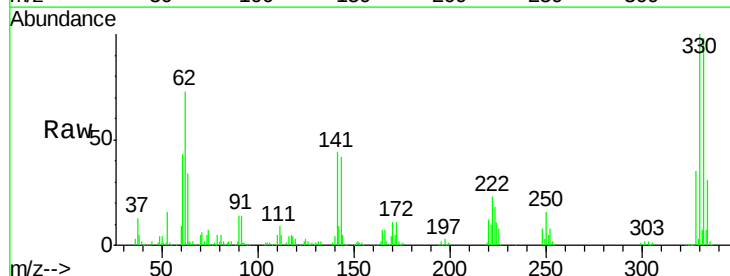


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

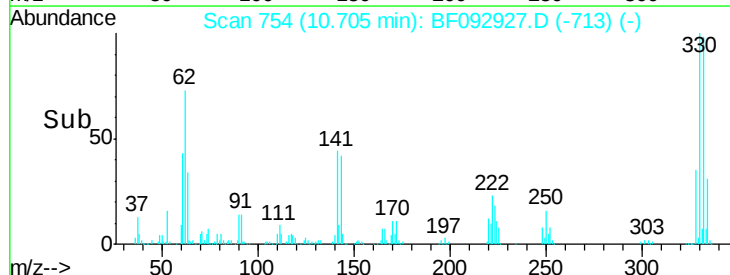
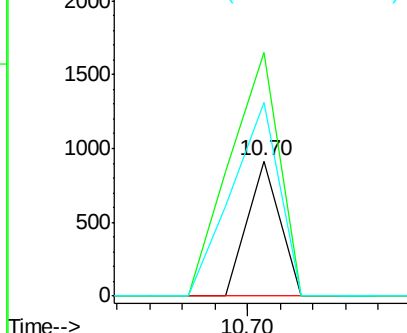


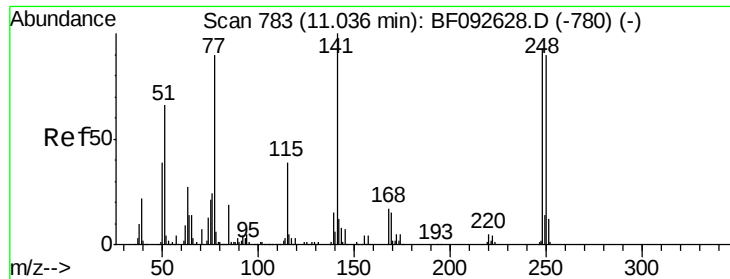
#64
4,6-Dinitro-2-methylphenol
Concen: 2.87 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.17 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Tgt Ion:198 Resp: 629
Ion Ratio Lower Upper
198 100
51 179.8 6.7 46.7#
105 143.4 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

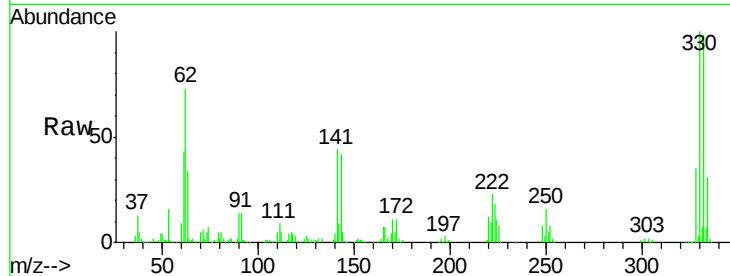




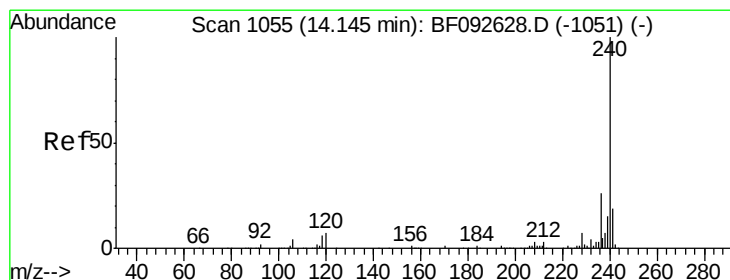
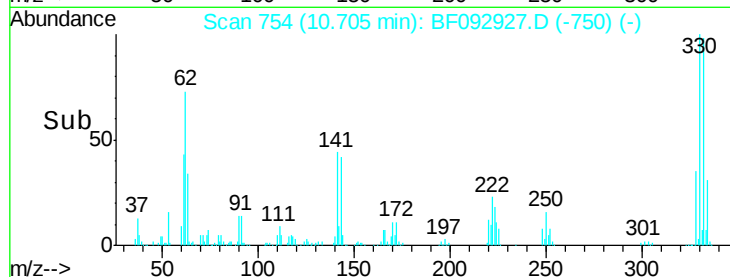
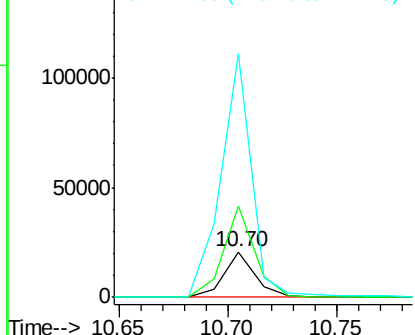
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Instrument :
BNA_F
ClientSampleId :
MW-3-021017

Tgt Ion:248 Resp: 20665
Ion Ratio Lower Upper
248 100
250 200.0 76.9 115.3#
141 535.4 68.2 102.4#

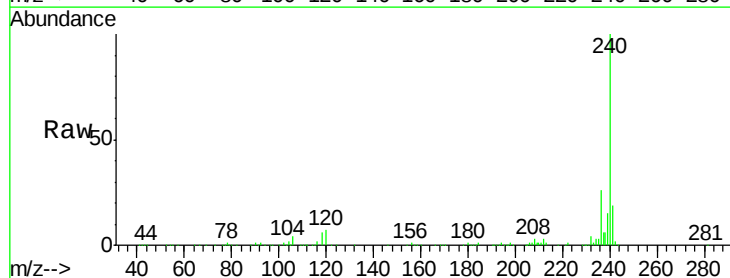


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

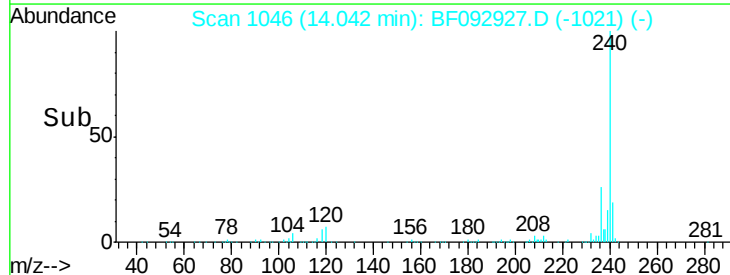
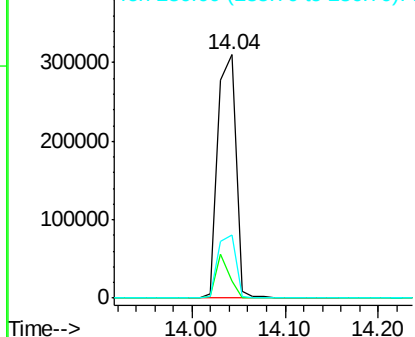


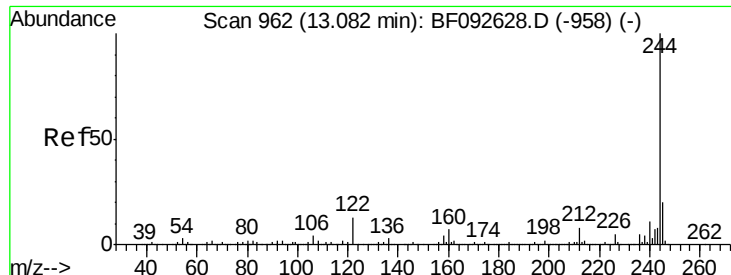
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092927.D
Acq: 13 Feb 2017 19:23

Tgt Ion:240 Resp: 419466
Ion Ratio Lower Upper
240 100
120 7.2 12.9 19.3#
236 25.8 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

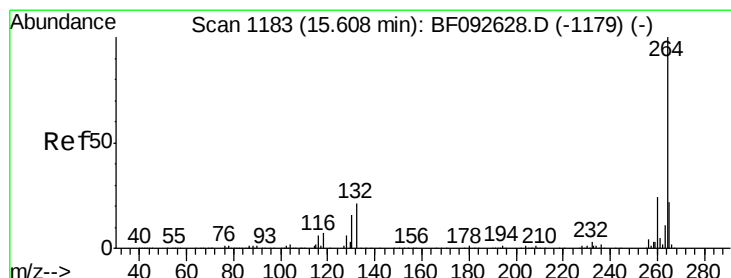
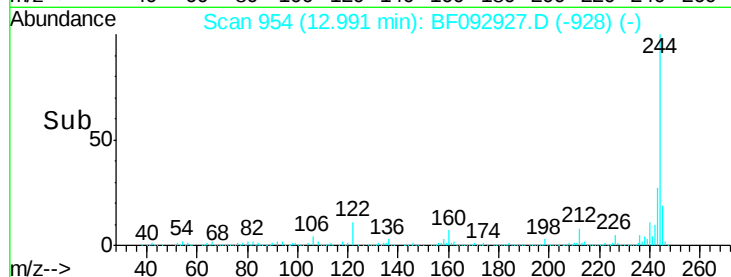
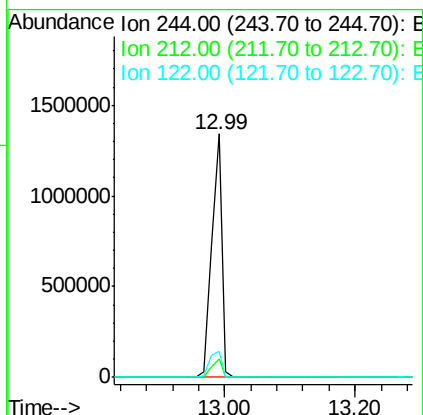
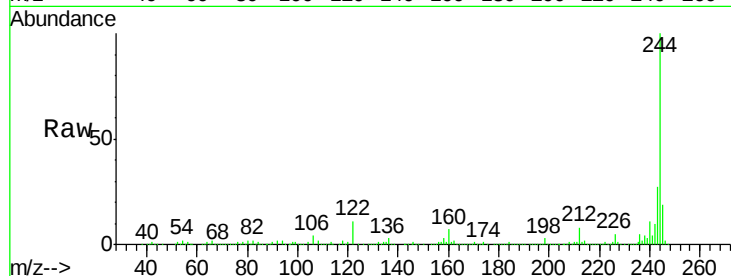




#78
 Terphenyl-d14
 Concen: 82.53 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-021017

Tgt Ion:244 Resp: 1473277
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092927.D
 Acq: 13 Feb 2017 19:23

Tgt Ion:264 Resp: 377370
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.4 17.4 26.0

