

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092803.D
 Acq On : 6 Feb 2017 18:42
 Operator : SJ/MA
 Sample : I1698-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Quant Time: Feb 07 01:09:23 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

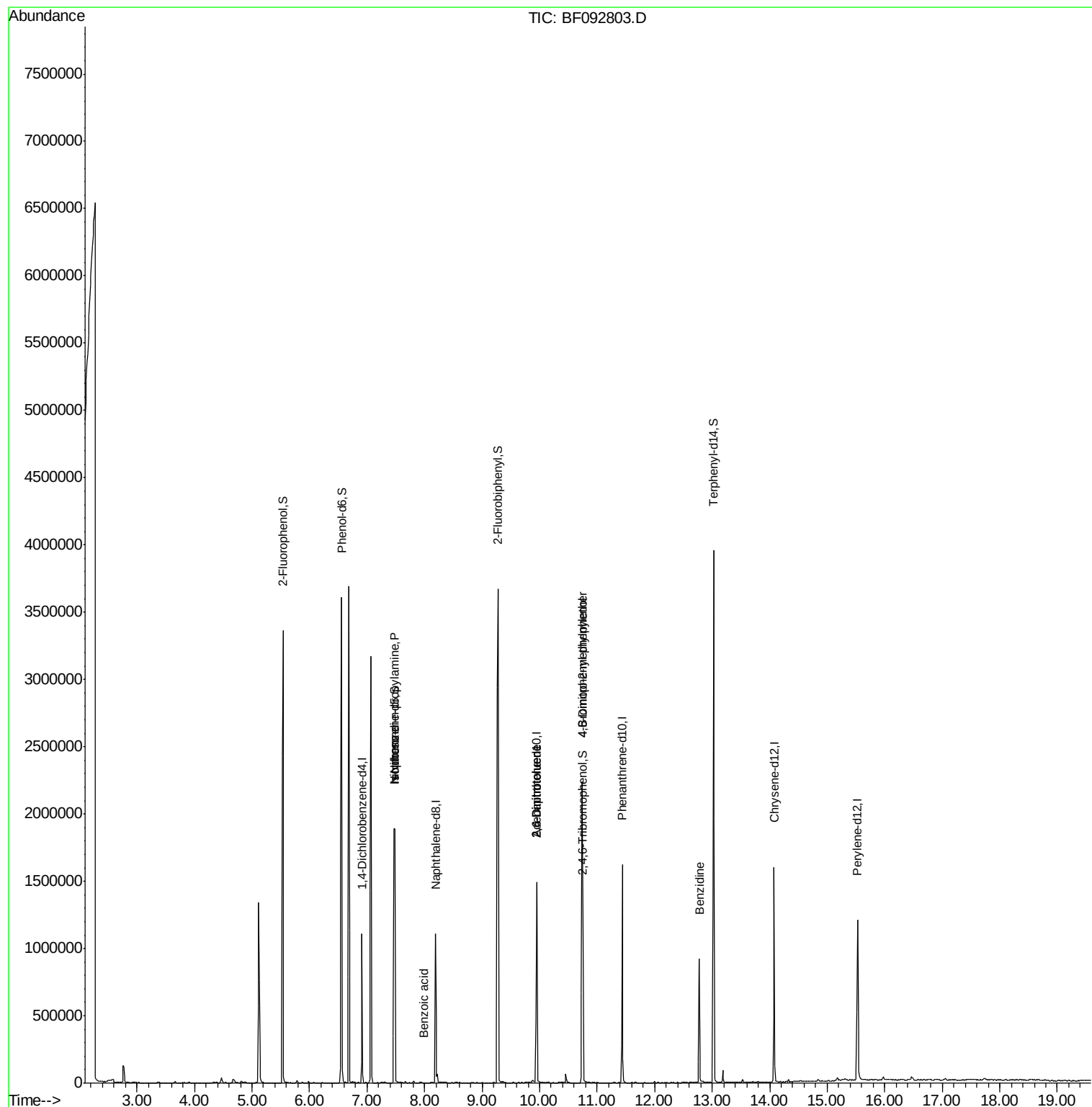
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	155426	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	573910	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	338758	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	586780	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	563953	20.00	ng	-0.07
86) Perylene-d12	15.53	264	525652	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1193417	131.73	ng	-0.03
7) Phenol-d6	6.56	99	1354561	116.21	ng	-0.05
23) Nitrobenzene-d5	7.48	82	972071	94.32	ng	-0.06
41) 2,4,6-Tribromophenol	10.75	330	379039	154.70	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1692312	90.50	ng	-0.06
78) Terphenyl-d14	13.03	244	1696592	70.69	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	126429	17.04	ng	# 85
25) Isophorone	7.48	82	967346	50.37	ng	# 65
32) Benzoic acid	7.98	122	219	7.20	ng	# 1
50) 2,6-Dinitrotoluene	9.95	165	44862	9.10	ng	# 30
56) 2,4-Dinitrotoluene	9.95	165	44865	6.84	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	723	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	25941	4.23	ng	# 1
76) Benzidine	12.77	184	393420	16.37	ng	96

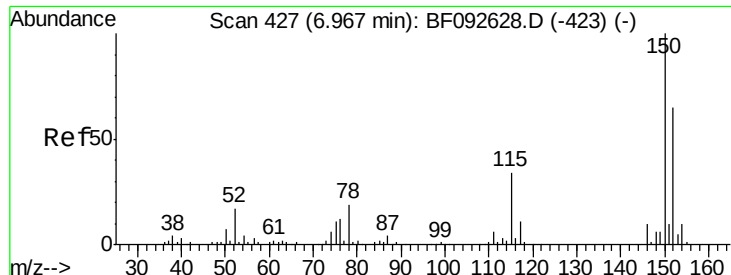
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092803.D
Acq On : 6 Feb 2017 18:42
Operator : SJ/MA
Sample : I1698-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B13-B14-001

Quant Time: Feb 07 01:09:23 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

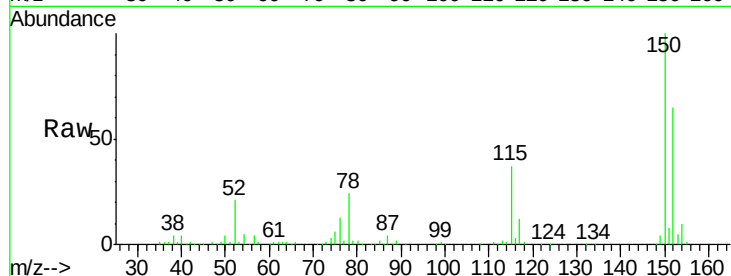




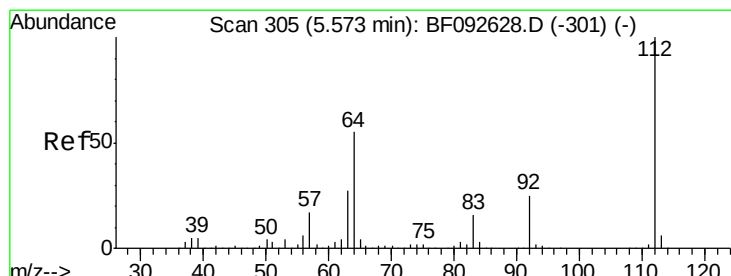
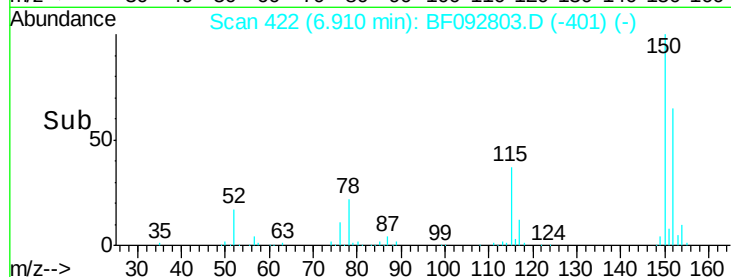
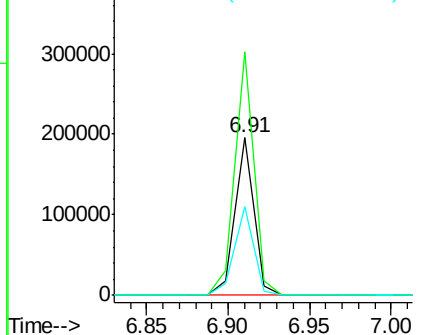
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.06 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tgt Ion:152 Resp: 155426
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.9 187.3
 115 56.4 46.0 69.0

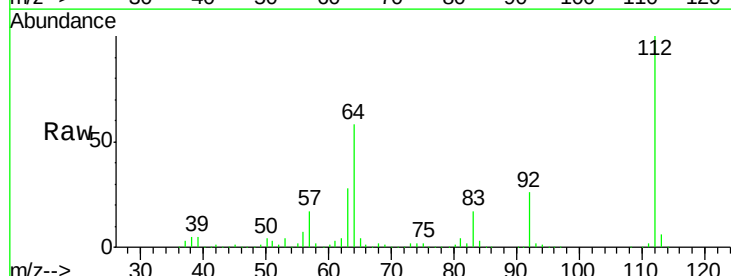


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

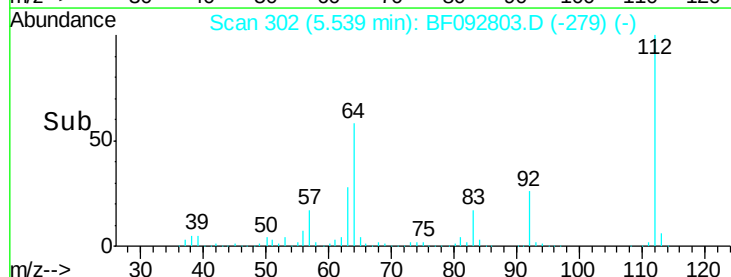
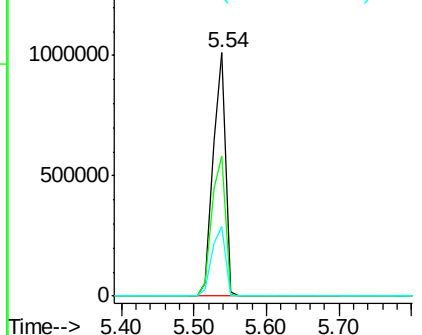


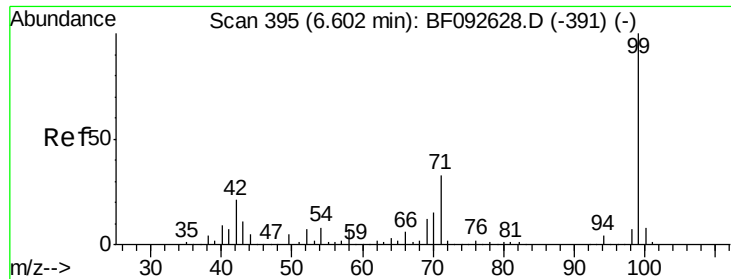
#5
 2-Fluorophenol
 Concen: 131.73 ng
 RT: 5.54 min Scan# 302
 Delta R.T. -0.03 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:112 Resp: 1193417
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.1 69.1
 63 28.5 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: 116.21 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Instrument :

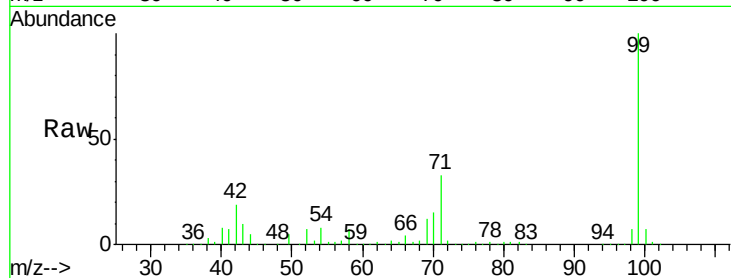
BNA_F

ClientSampleId :

WC-B13-B14-001

Tgt Ion: 99 Resp: 1354561

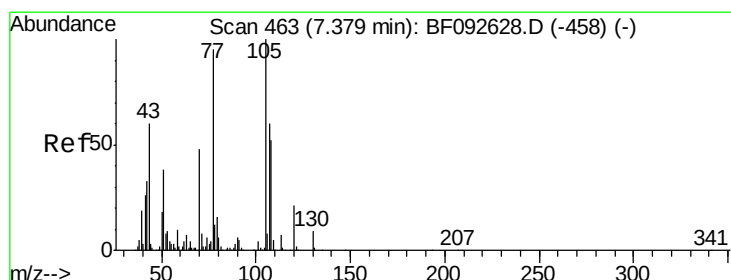
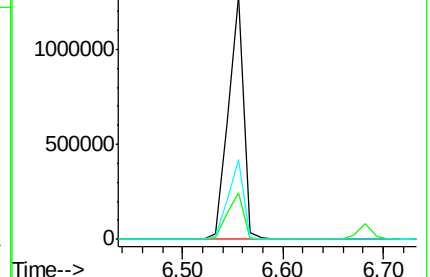
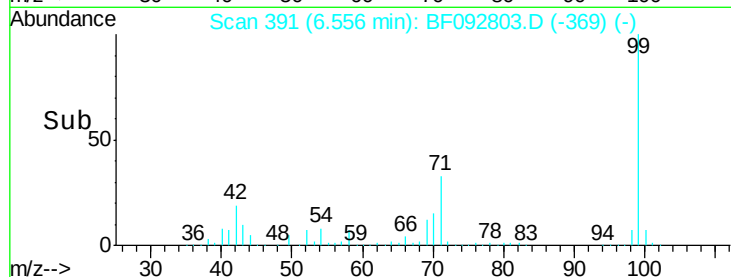
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	32.7	27.5	41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.04 ng

RT: 7.47 min Scan# 471

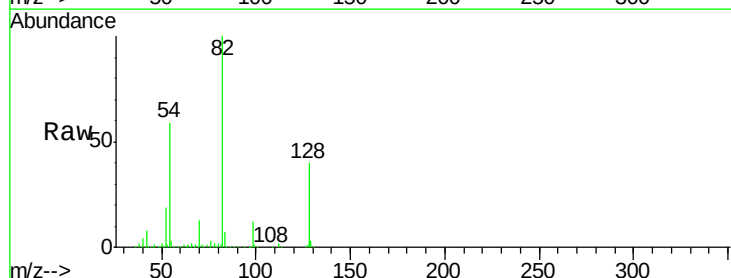
Delta R.T. 0.09 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Tgt Ion: 70 Resp: 126429

Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

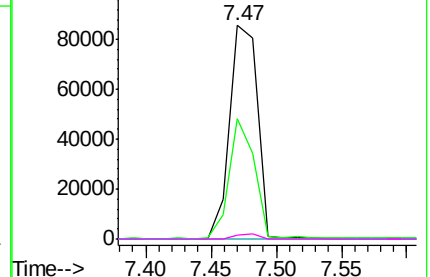
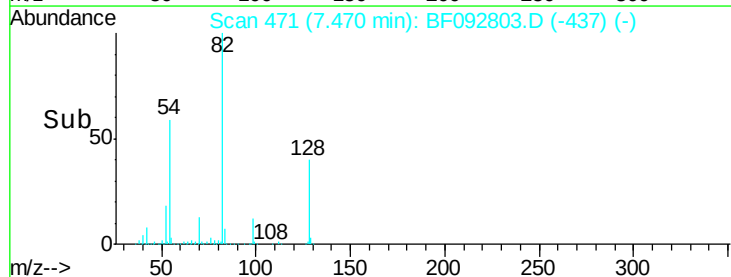


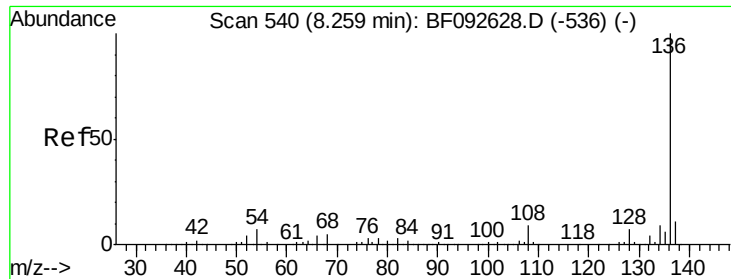
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

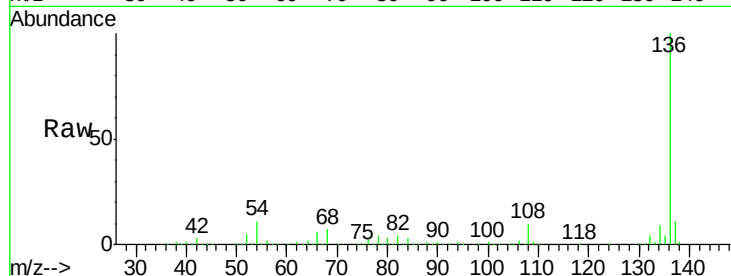




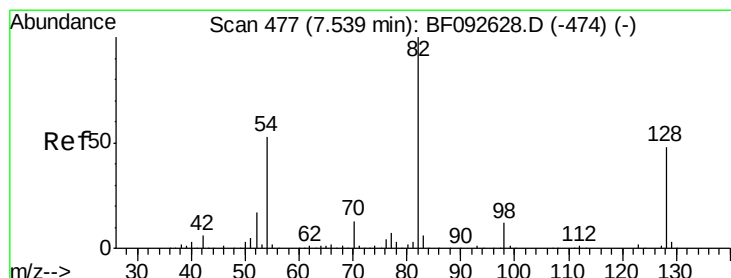
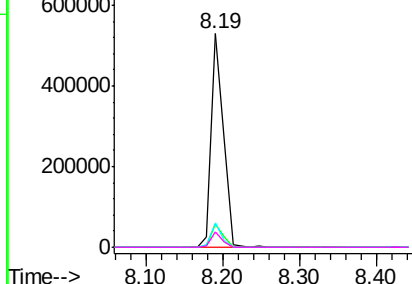
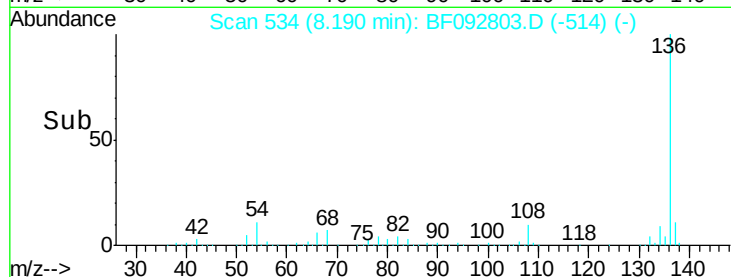
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Instrument :
BNA_F
ClientSampleId :
WC-B13-B14-001

Tgt Ion:	136	Resp:	573910
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.4	4.5	6.7#
68	7.1	3.6	5.4#

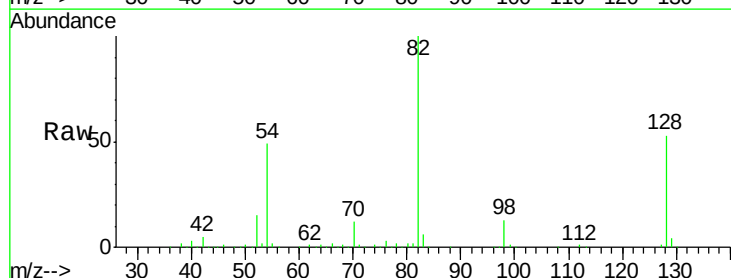


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

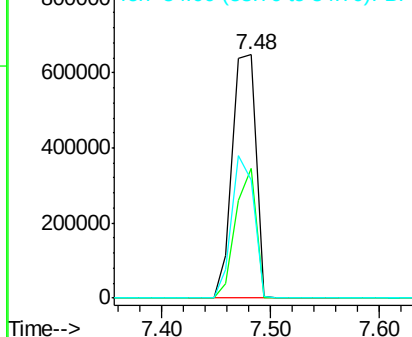
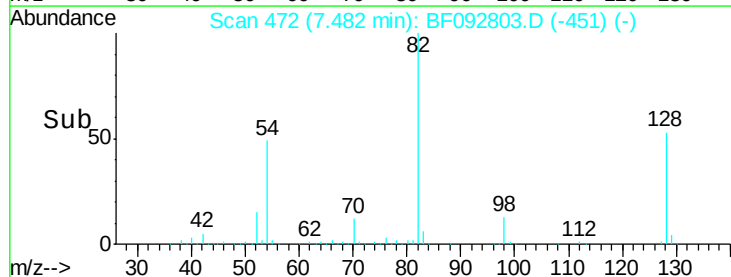


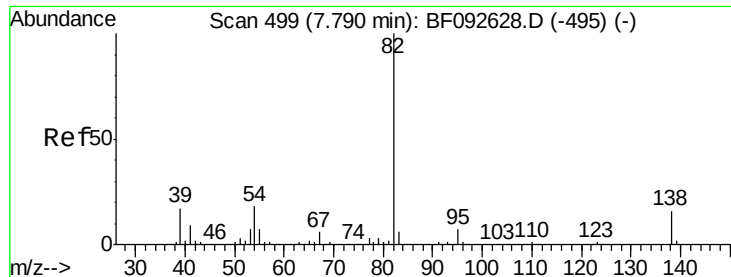
#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Tgt Ion:	82	Resp:	972071
Ion	Ratio	Lower	Upper
82	100		
128	53.4	34.6	52.0#
54	48.7	39.5	59.3



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

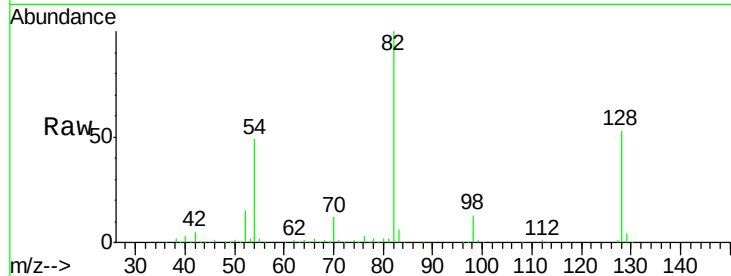




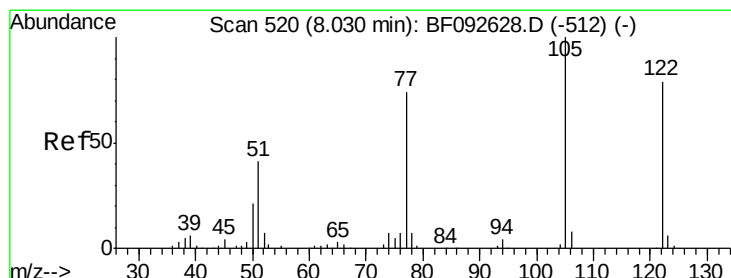
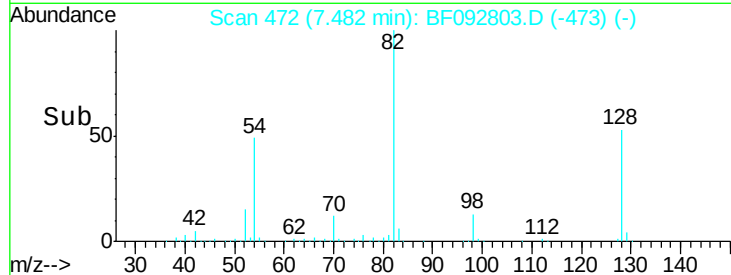
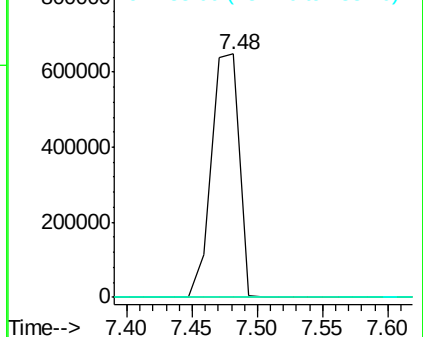
#25
Isophorone
Concen: 50.37 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.31 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Instrument :
BNA_F
ClientSampleId :
WC-B13-B14-001

Tgt Ion: 82 Resp: 967346
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

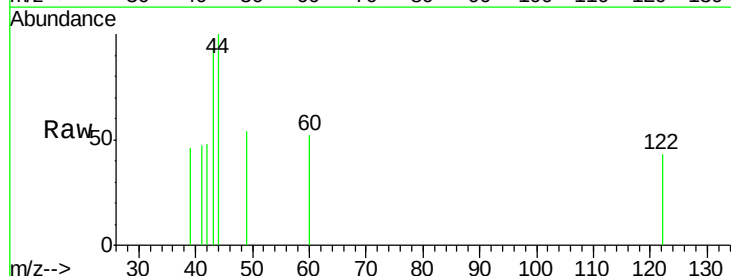


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

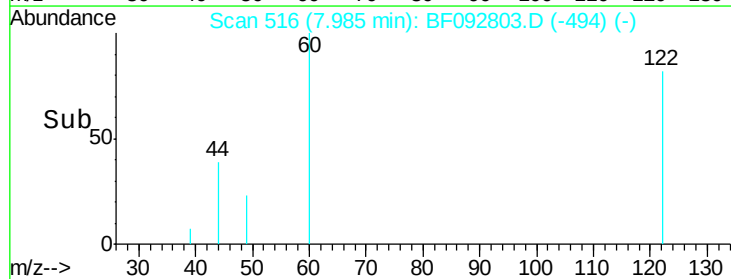
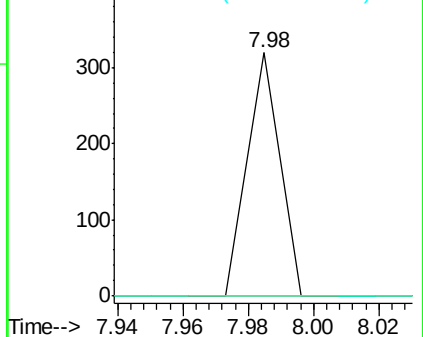


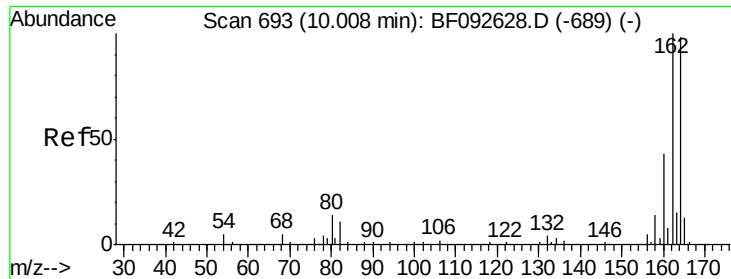
#32
Benzoic acid
Concen: 7.20 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Tgt Ion: 122 Resp: 219
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 0.0 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

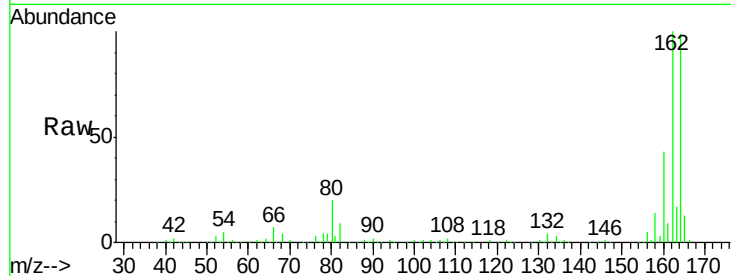




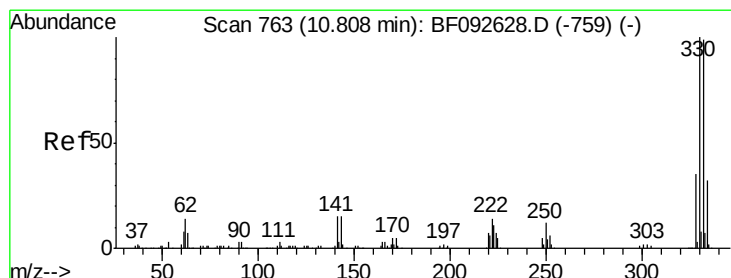
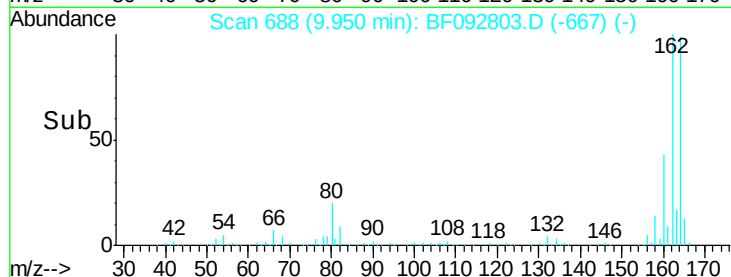
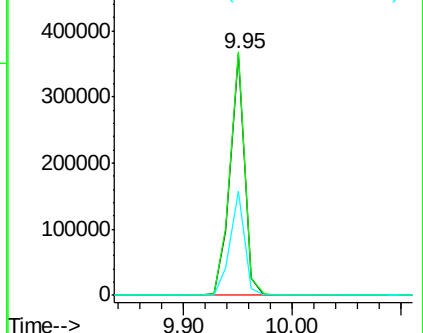
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tgt Ion:164 Resp: 338758
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 43.3 36.9 55.3

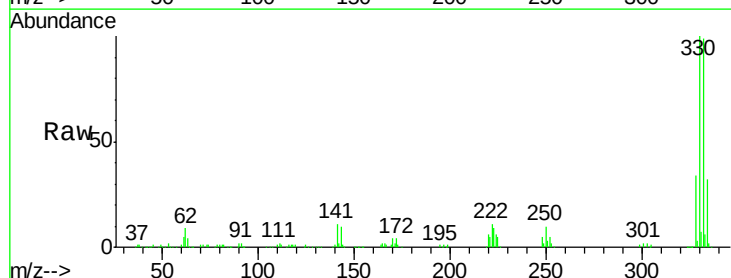


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

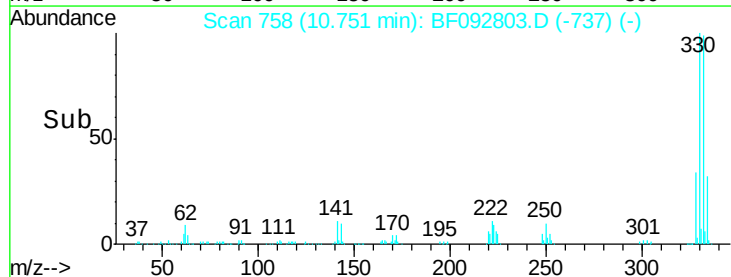
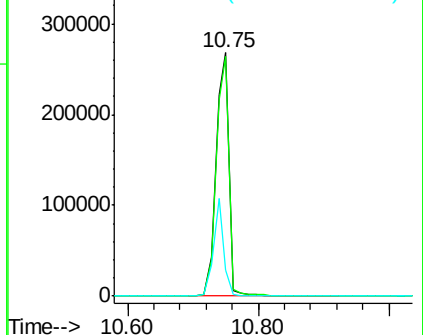


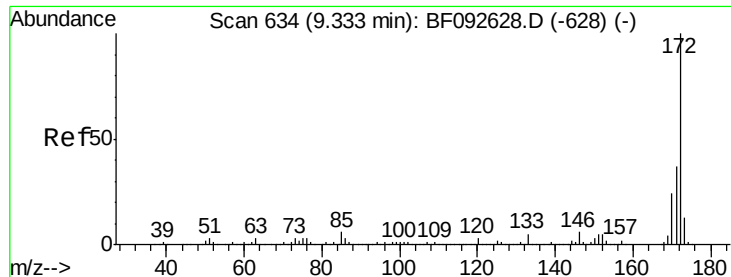
#41
 2,4,6-Tribromophenol
 Concen: 154.70 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.06 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:330 Resp: 379039
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 32.4 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

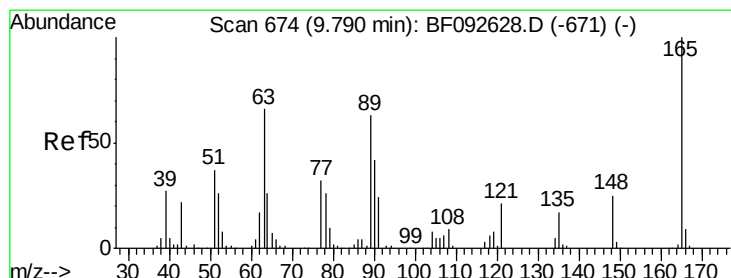
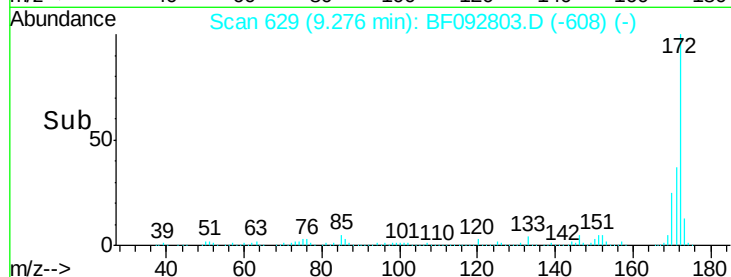
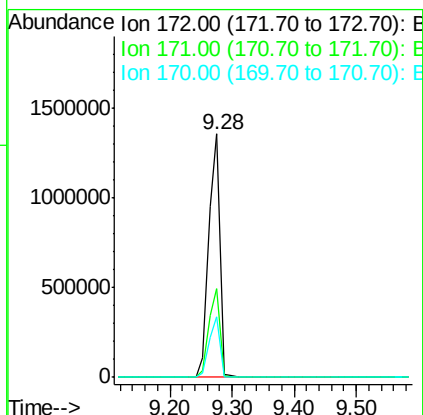
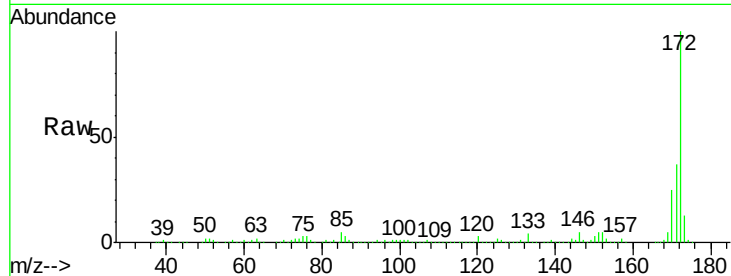




#44
 2-Fluorobiphenyl
 Concen: 90.50 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

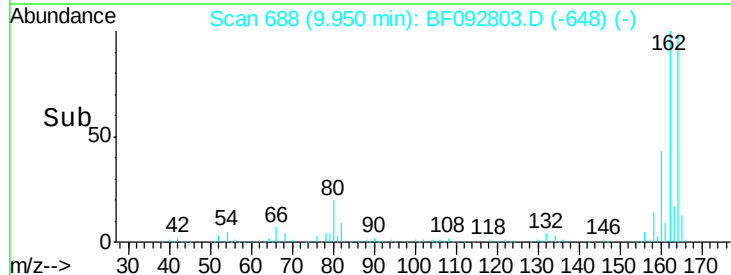
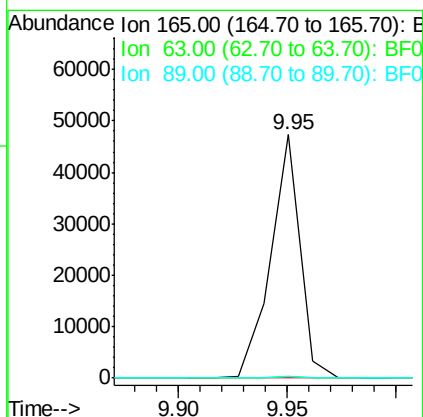
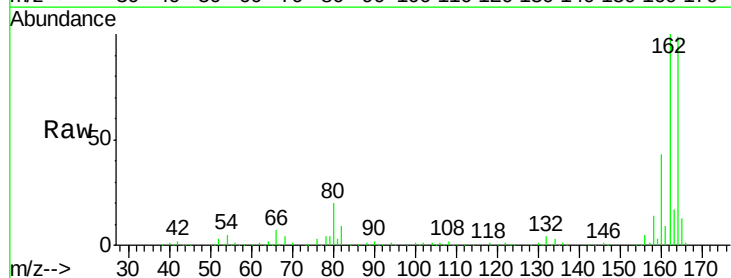
Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

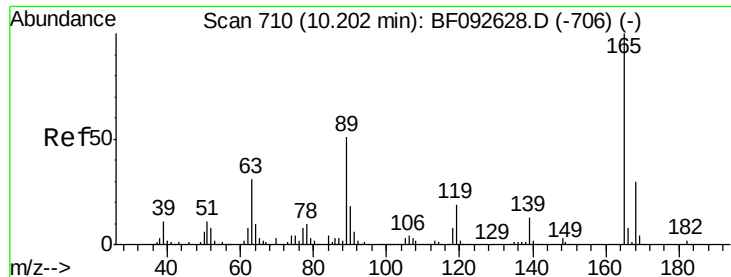
Tgt Ion:172 Resp: 1692312
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.10 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.16 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:165 Resp: 44862
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 0.8 40.2 60.4#

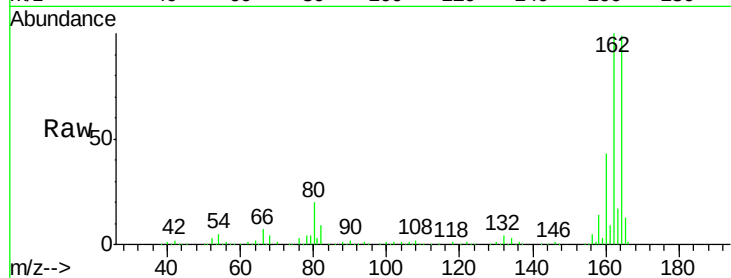




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.25 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

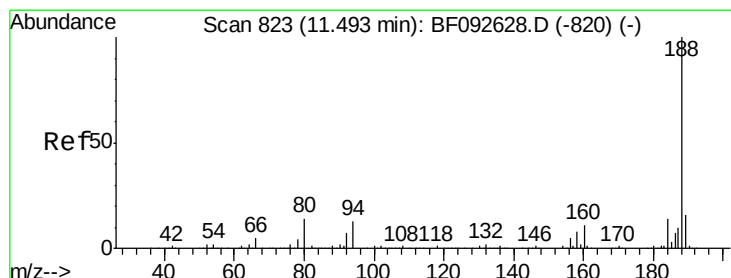
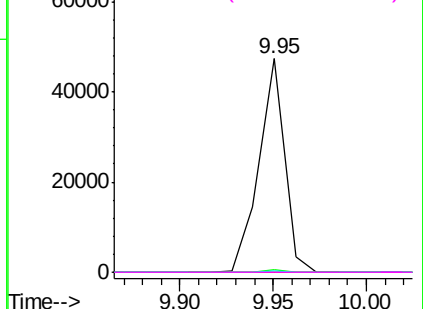
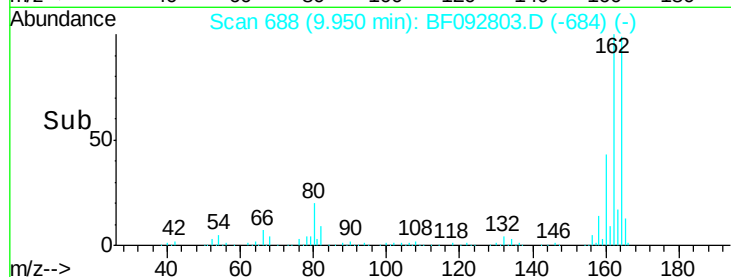


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

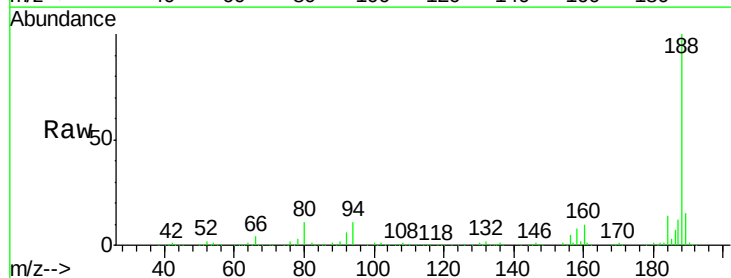
Ion 89.00 (88.70 to 89.70): BF0

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: BF092803.D
 Acq: 6 Feb 2017 18:42

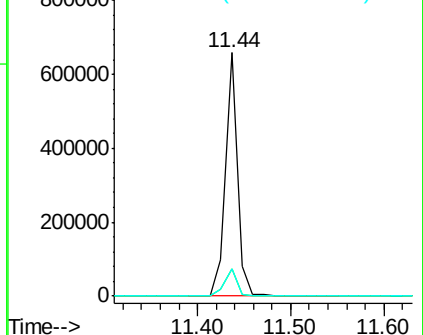
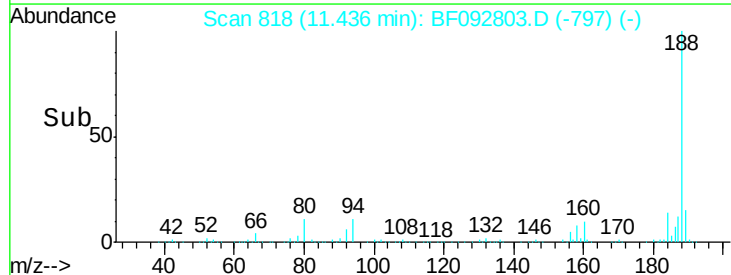
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.0	15.0
80	11.2	11.2	16.8#

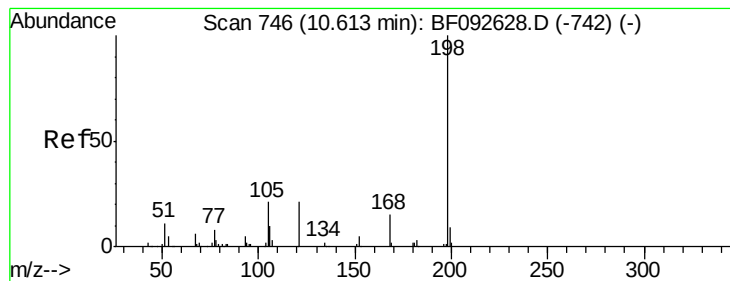


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.86 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Instrument :

BNA_F

ClientSampleId :

WC-B13-B14-001

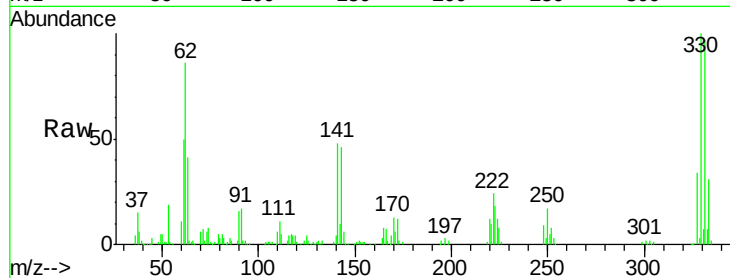
Tgt Ion:198 Resp: 723

Ion Ratio Lower Upper

198 100

51 216.2 6.7 46.7#

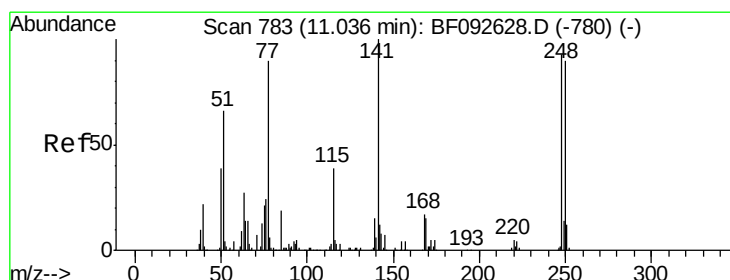
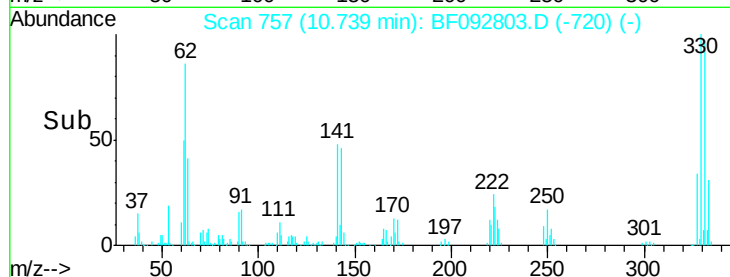
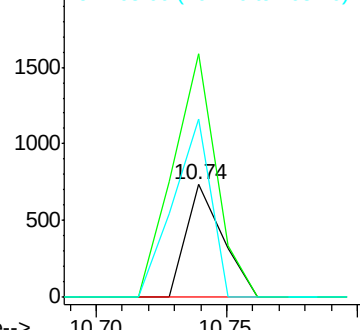
105 158.9 16.6 56.6#



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: 4.23 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

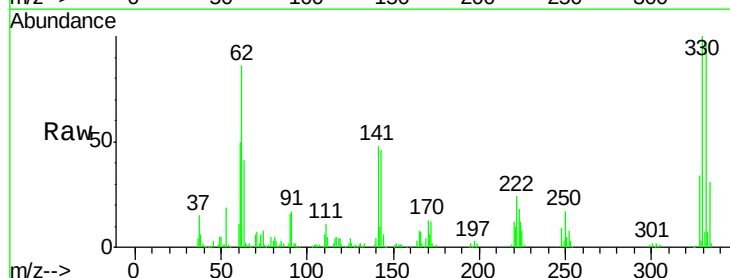
Tgt Ion:248 Resp: 25941

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

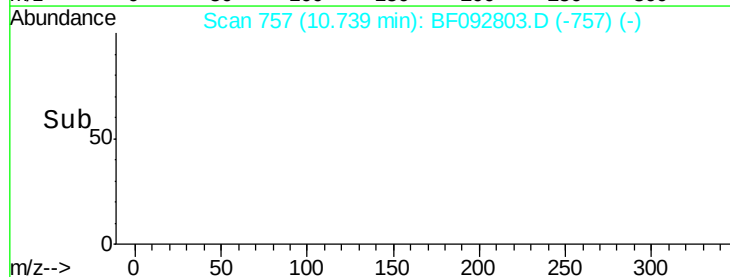
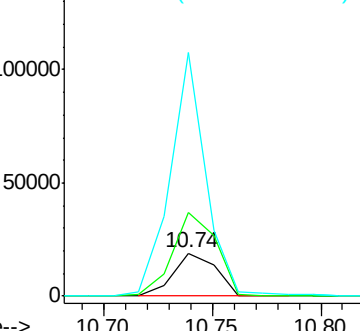
141 564.1 68.2 102.4#

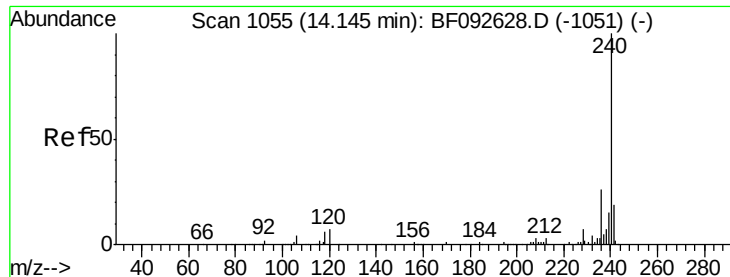


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092803.D

Acq: 6 Feb 2017 18:42

Instrument :

BNA_F

ClientSampleId :

WC-B13-B14-001

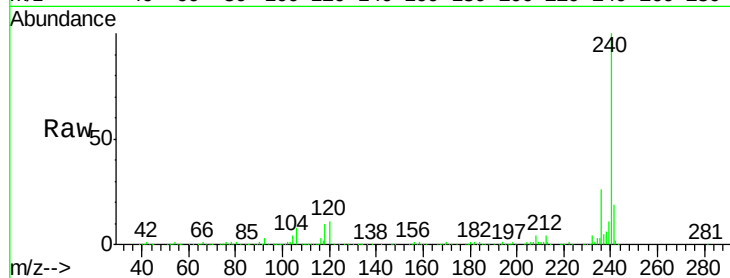
Tgt Ion:240 Resp: 563953

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

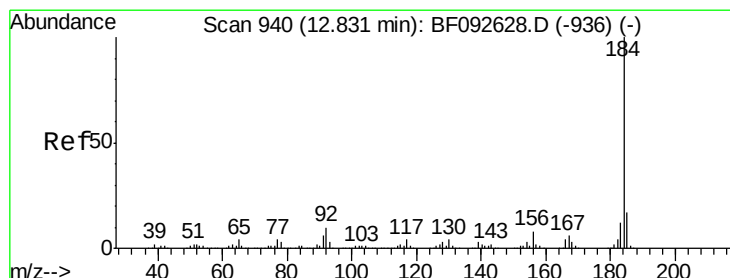
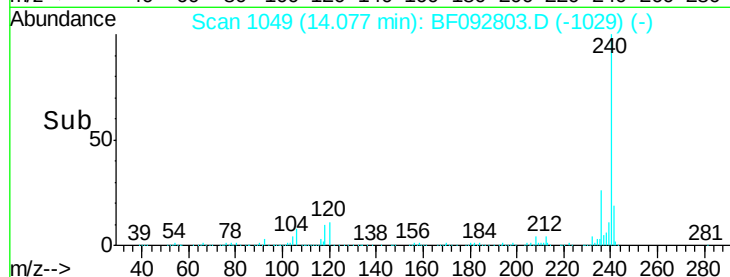
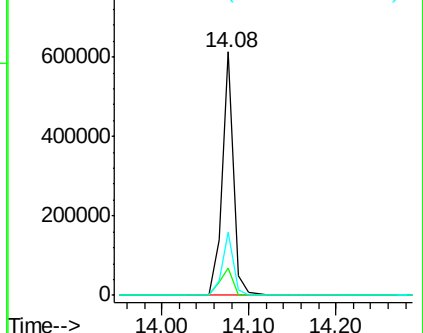
236 25.9 20.9 31.3



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



#76

Benzidine

Concen: 16.37 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

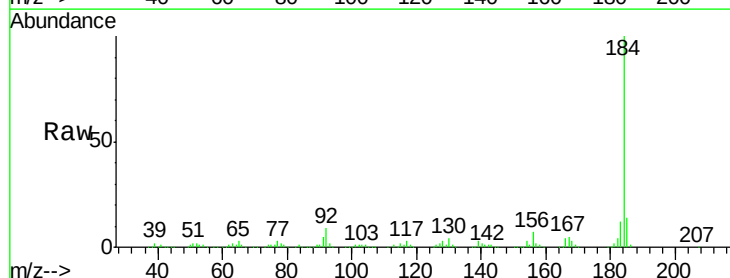
Tgt Ion:184 Resp: 393420

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

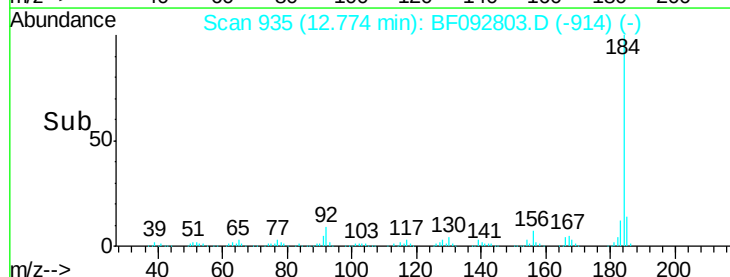
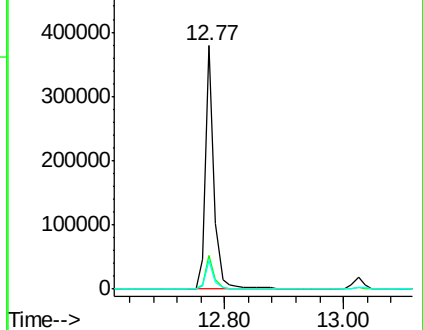
183 11.7 9.2 13.8

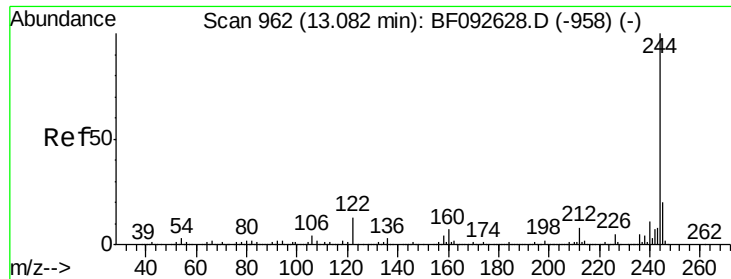


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

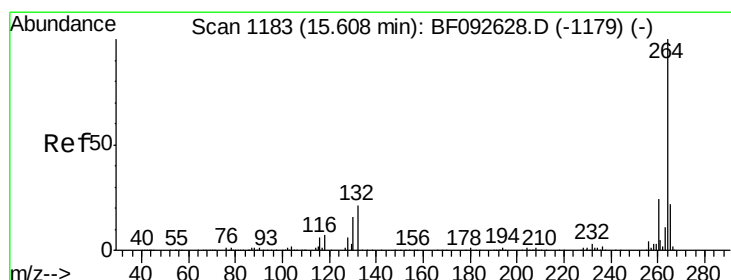
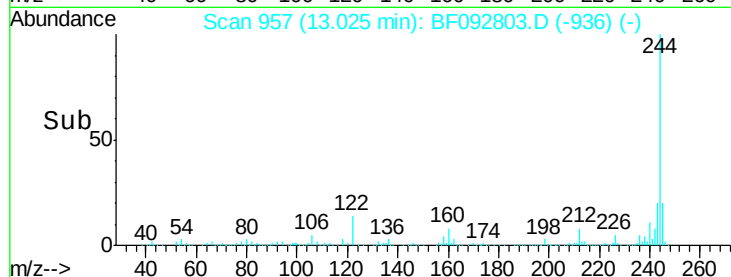
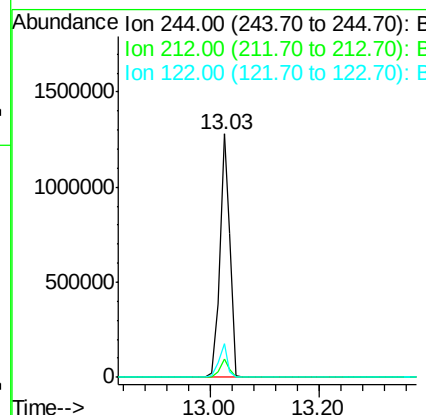
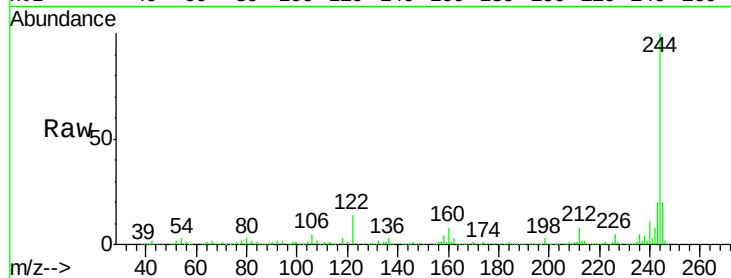




#78
 Terphenyl-d14
 Concen: 70.69 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tgt Ion:244 Resp: 1696592
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.9 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: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:264 Resp: 525652
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.4 26.0

