

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092895.D
 Acq On : 10 Feb 2017 20:50
 Operator : SJ/MA
 Sample : I1772-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Feb 10 23:08:38 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

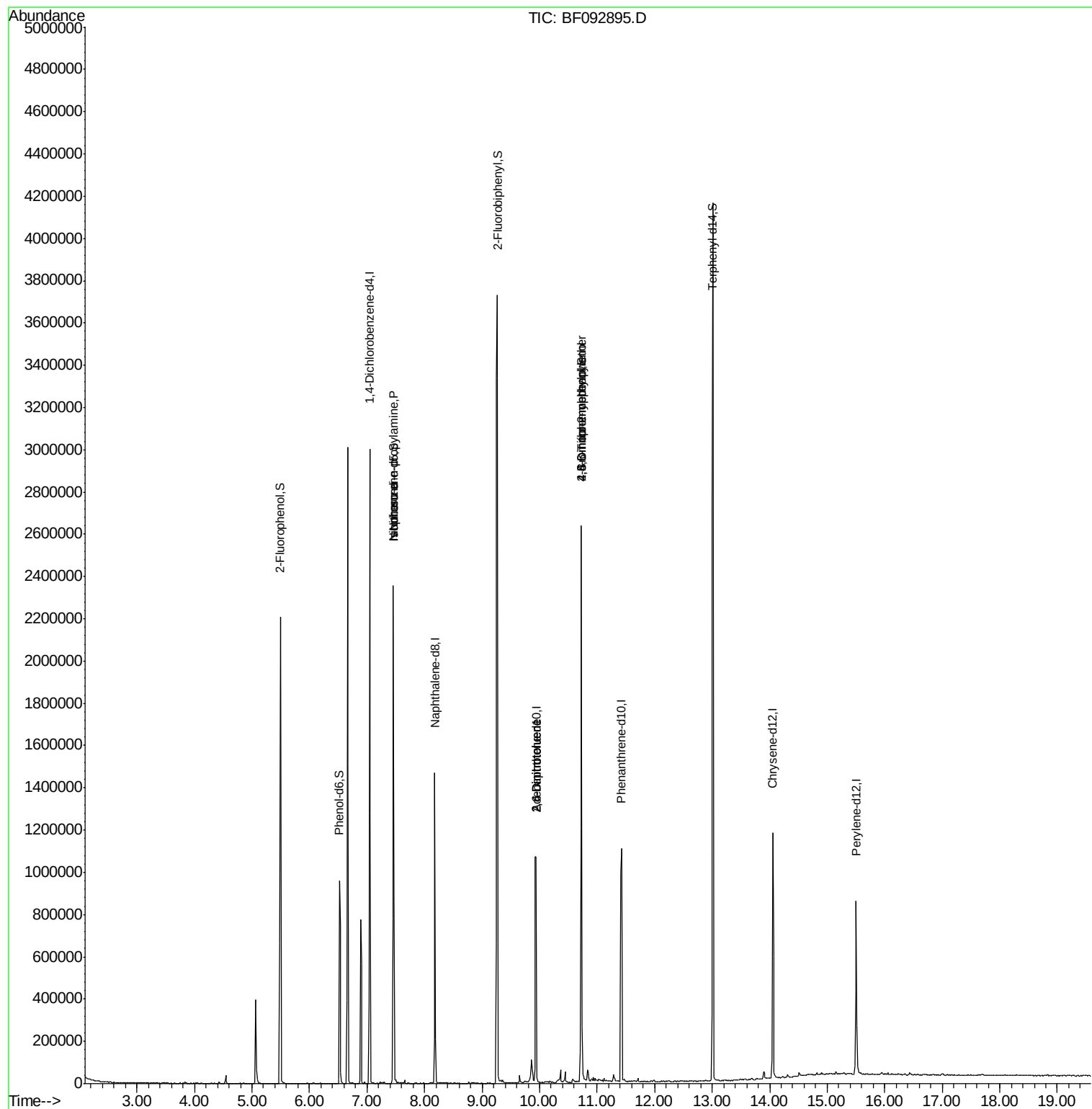
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	538080	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	641595	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	368755	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	600791	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	464702	20.00	ng	-0.09
86) Perylene-d12	15.51	264	372343	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	588765	18.77	ng	-0.08
7) Phenol-d6	6.52	99	434427	10.77	ng	-0.08
23) Nitrobenzene-d5	7.46	82	939229	81.52	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	333246	124.95	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1896803	93.19	ng	-0.07
78) Terphenyl-d14	13.01	244	1648389	83.35	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	124478	4.85	ng	# 81
25) Isophorone	7.46	82	931712	43.40	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	46626	8.69	ng	# 29
56) 2,4-Dinitrotoluene	9.94	165	46618	6.53	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.73	198	900	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	24167	3.85	ng	# 1

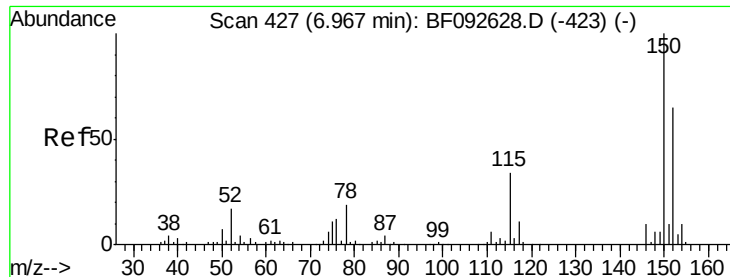
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.08 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

Instrument :

BNA_F

ClientSampled :

MW-5

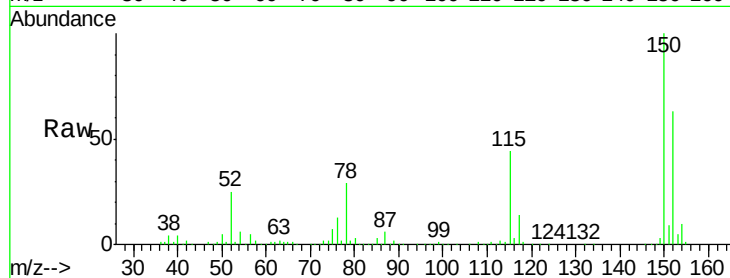
Tgt Ion:152 Resp: 538080

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

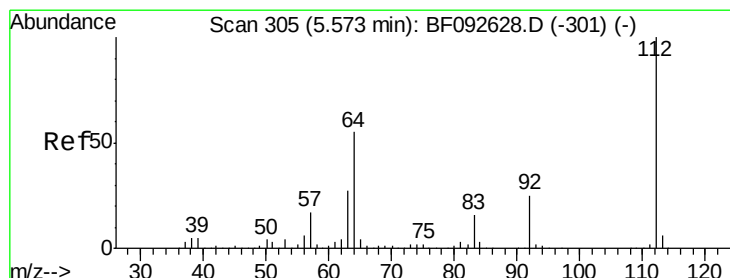
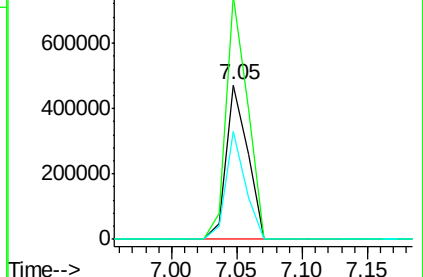
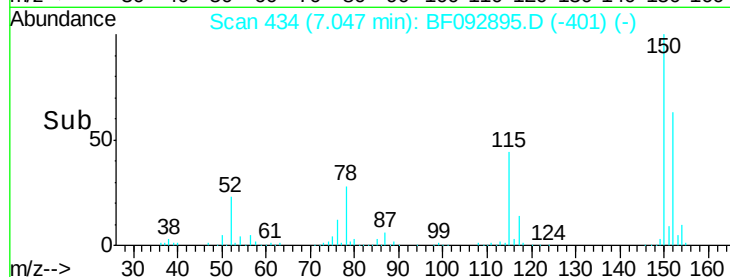
115 69.7 46.0 69.0#



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: 18.77 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

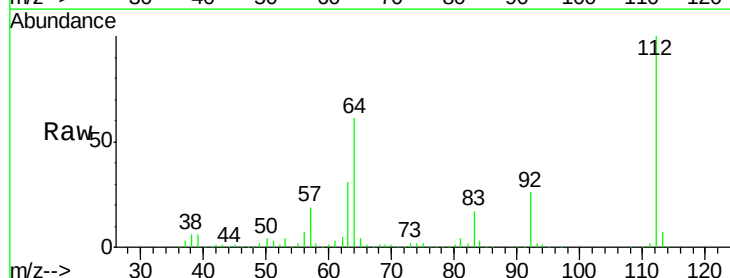
Tgt Ion:112 Resp: 588765

Ion Ratio Lower Upper

112 100

64 61.4 46.1 69.1

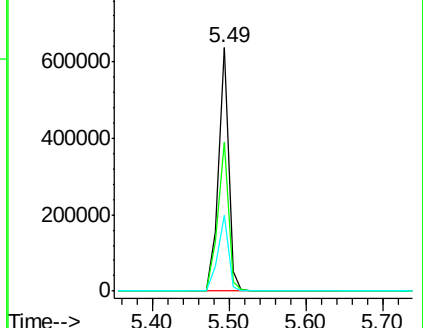
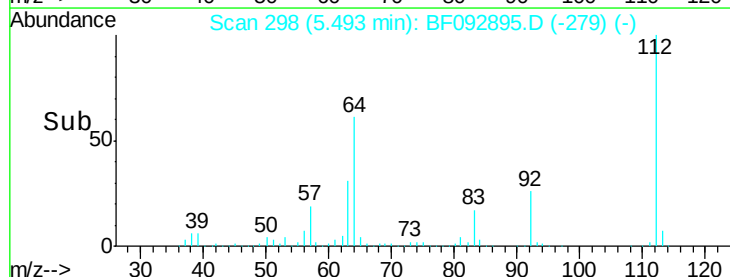
63 31.1 23.8 35.6

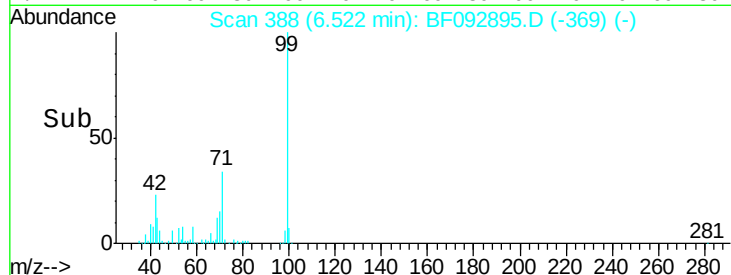
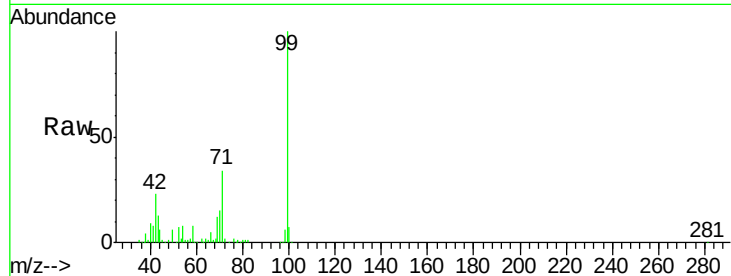
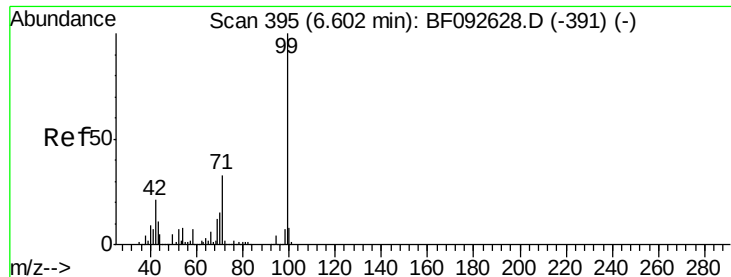


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.77 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

Instrument :

BNA_F

ClientSampleId :

MW-5

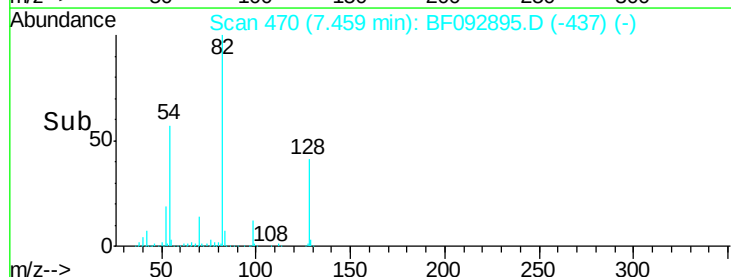
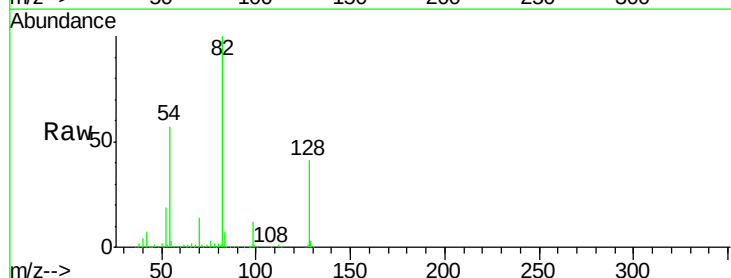
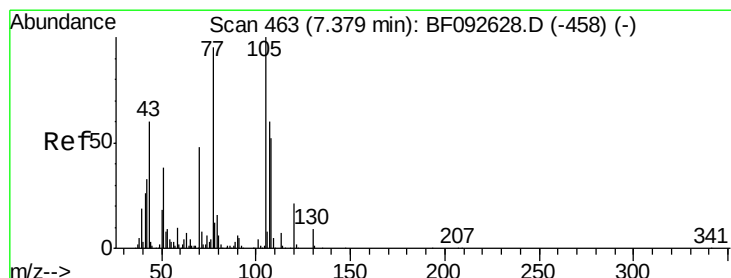
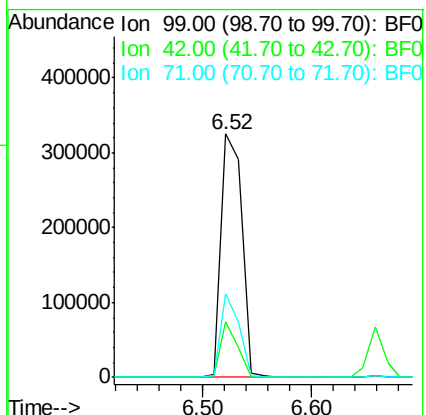
Tgt Ion: 99 Resp: 434427

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

71 34.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.85 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

Tgt Ion: 70 Resp: 124478

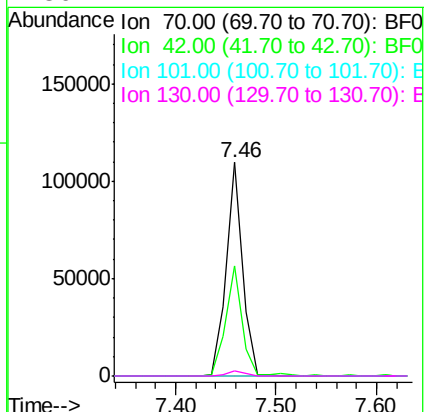
Ion Ratio Lower Upper

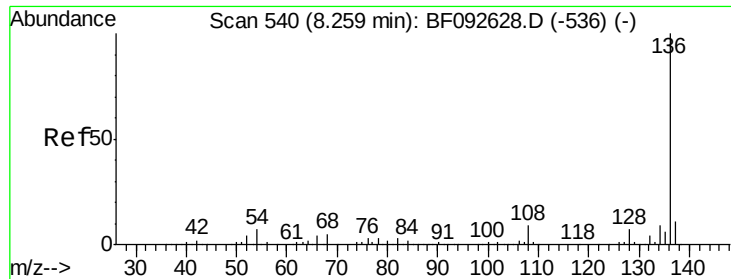
70 100

42 51.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

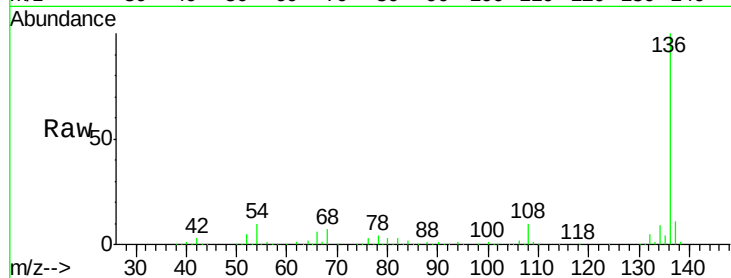




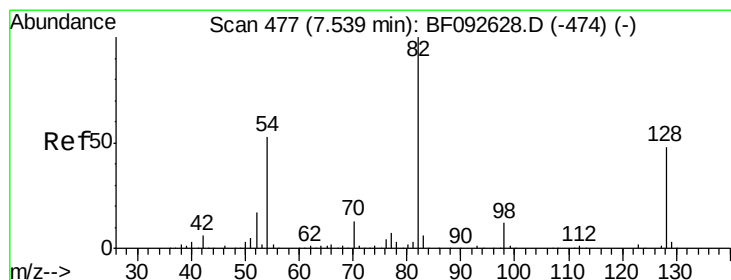
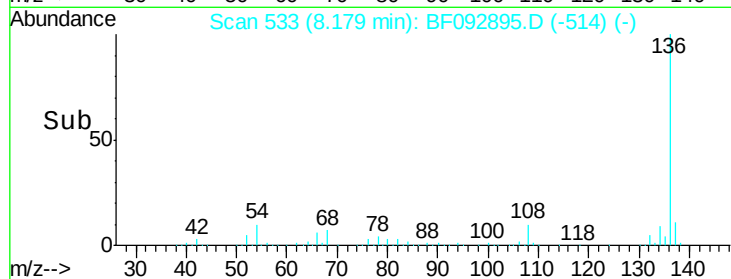
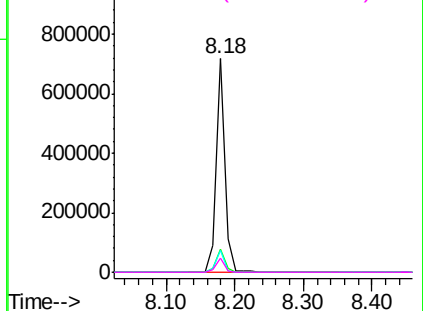
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampled :
MW-5

Tgt Ion:	136	Resp:	641595
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	6.9	3.6	5.4#

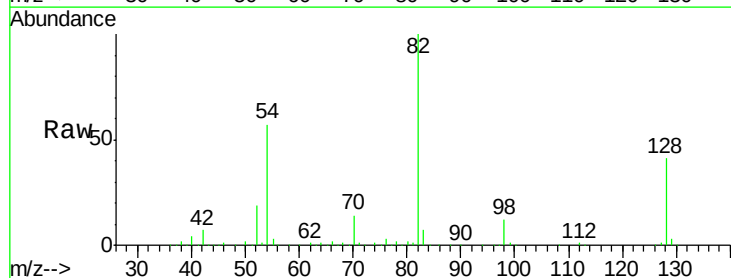


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

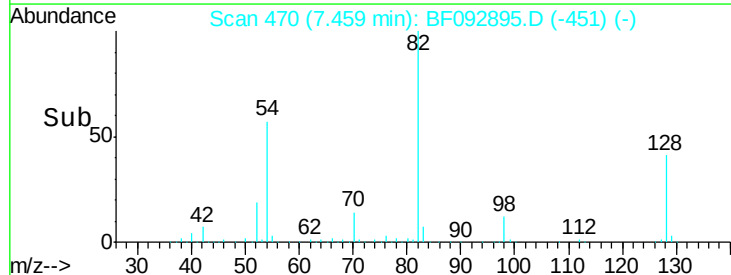
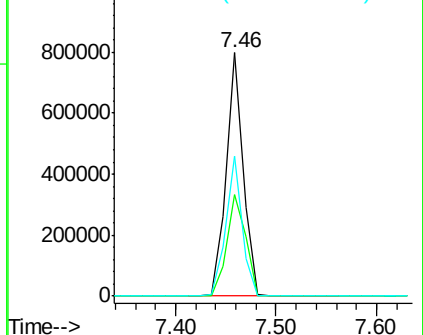


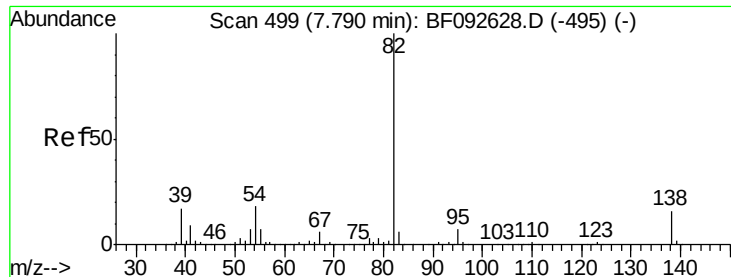
#23
Nitrobenzene-d5
Concen: 81.52 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:	82	Resp:	939229
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	57.3	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

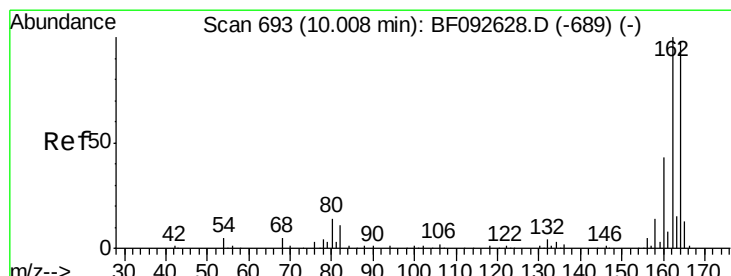
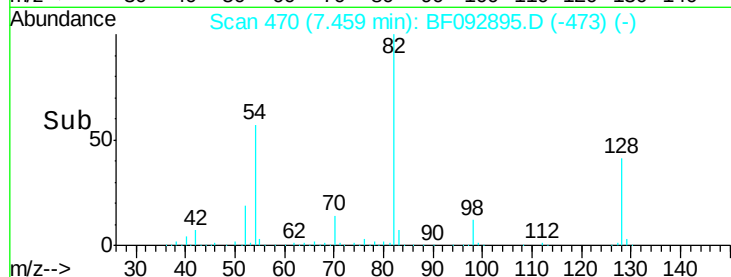
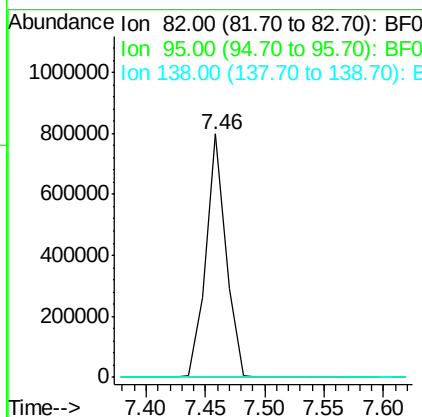
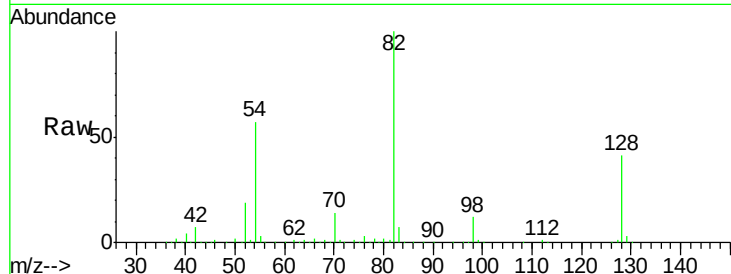




#25
Isophorone
Concen: 43.40 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

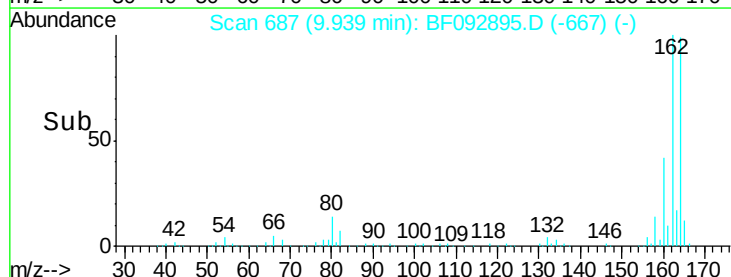
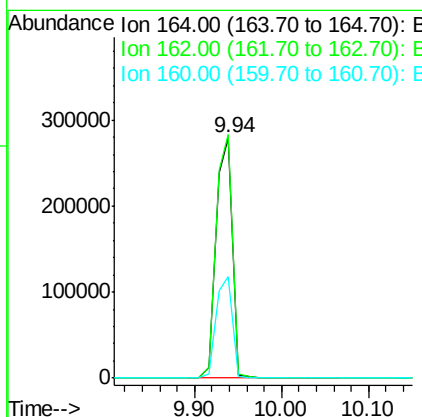
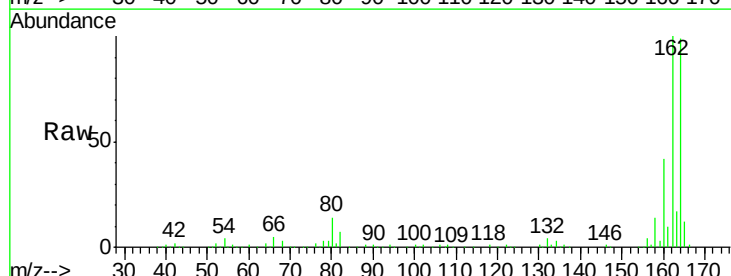
Instrument :
BNA_F
ClientSampled :
MW-5

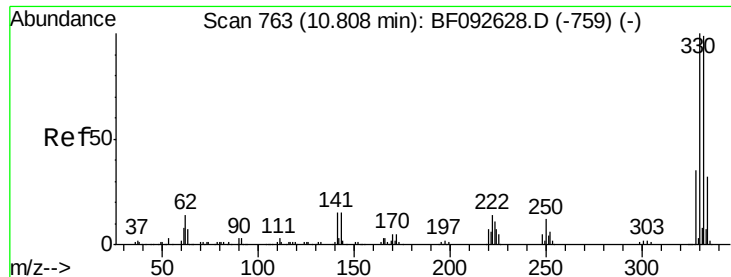
Tgt Ion: 82 Resp: 931712
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion: 164 Resp: 368755
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 42.2 36.9 55.3

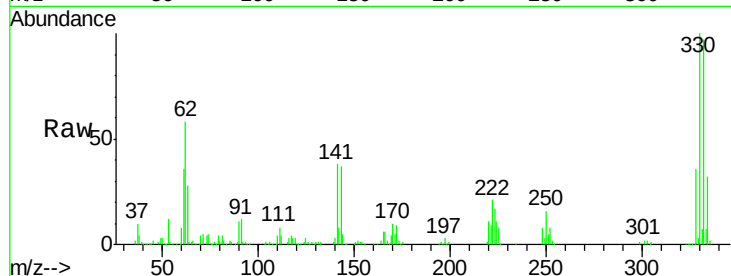




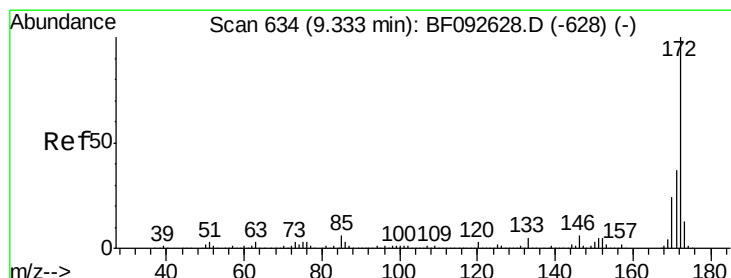
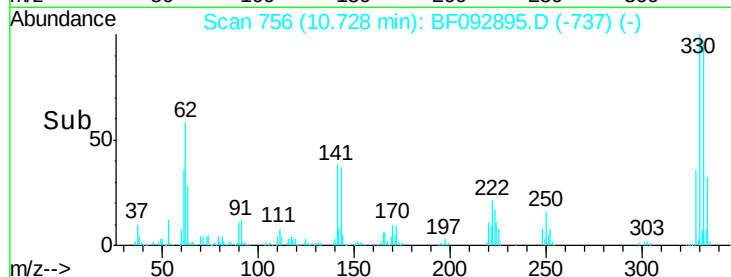
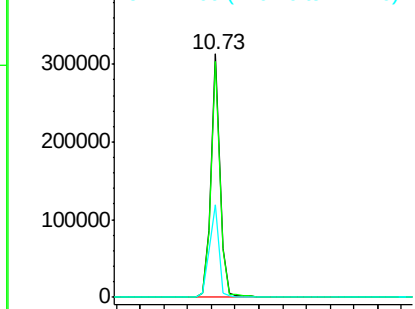
#41
 2,4,6-Tribromophenol
 Concen: 124.95 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 333246
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.7 34.1 51.1

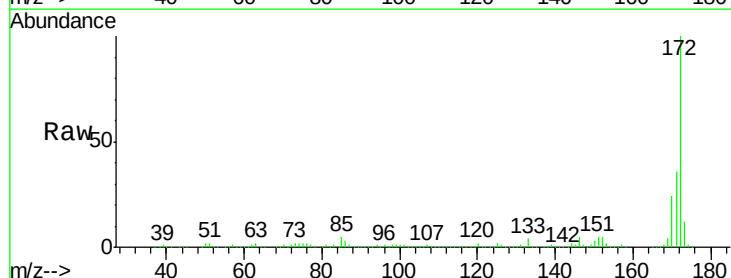


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

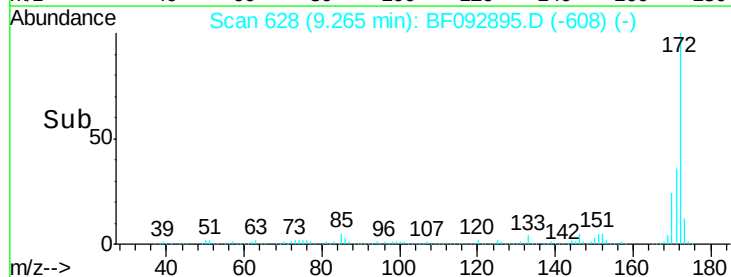
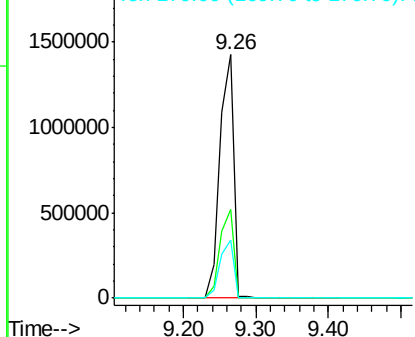


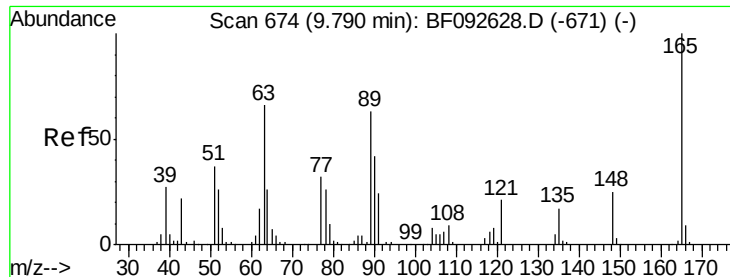
#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Tgt Ion:172 Resp: 1896803
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.0 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

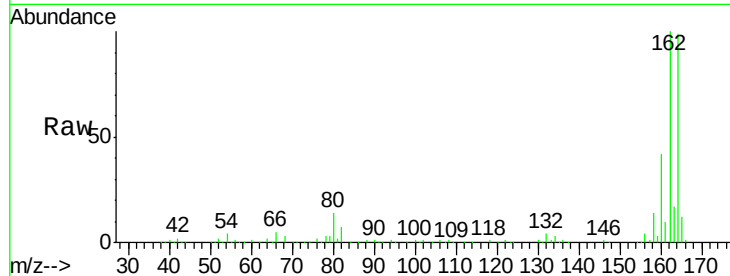




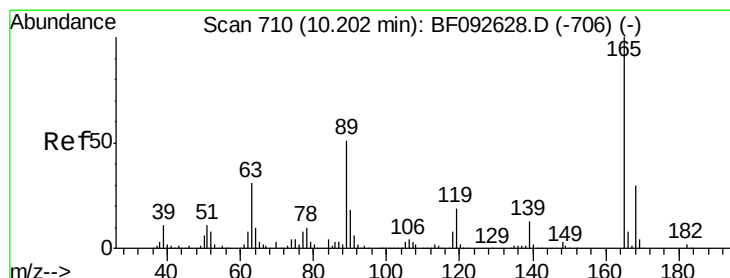
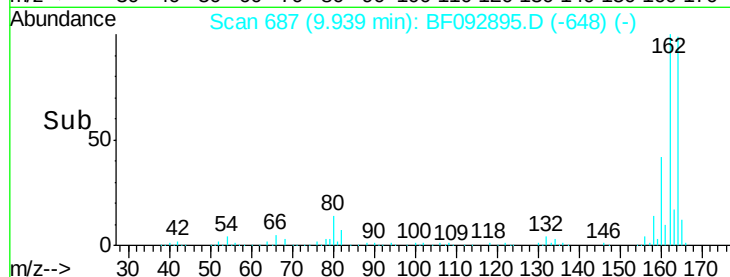
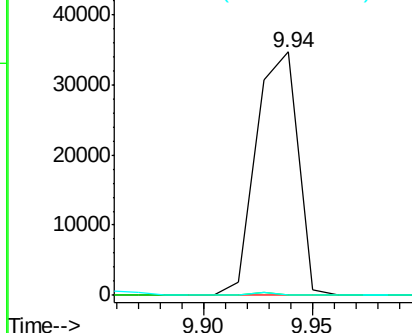
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:165 Resp: 46626
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 0.0 40.2 60.4#

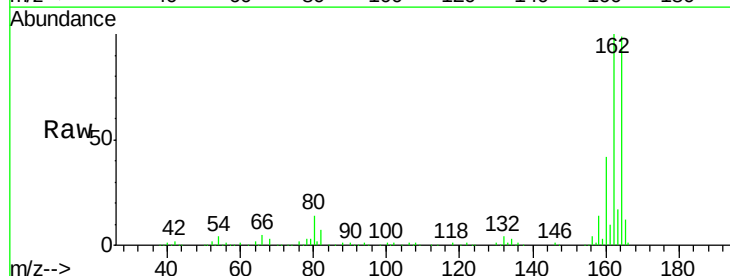


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

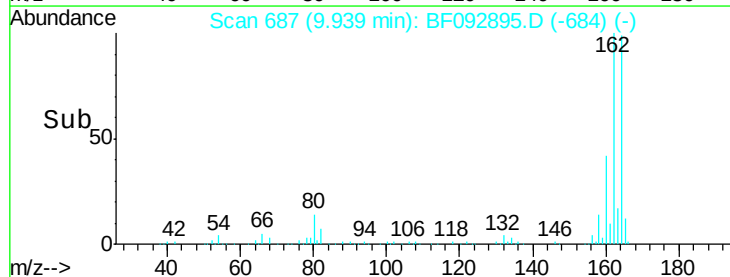
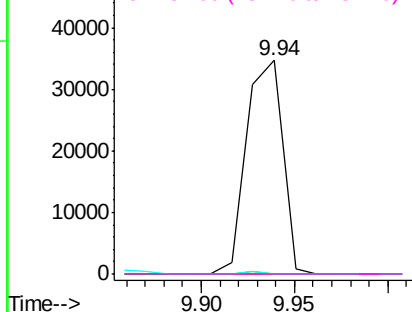


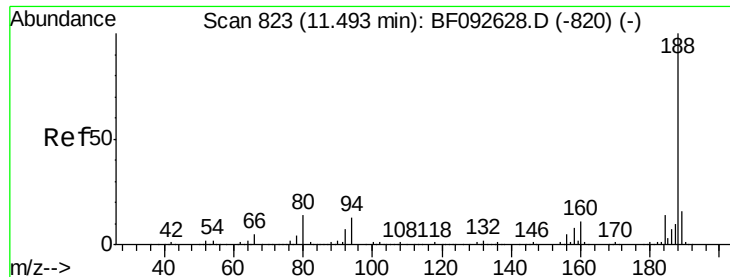
#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Tgt Ion:165 Resp: 46618
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

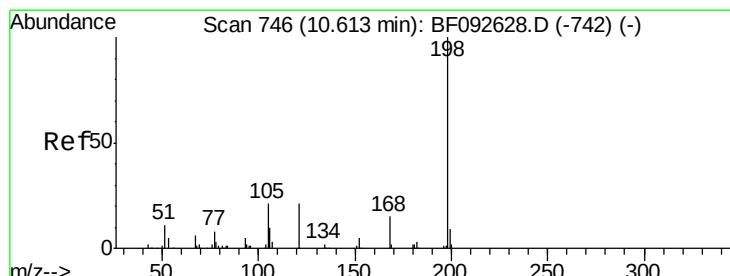
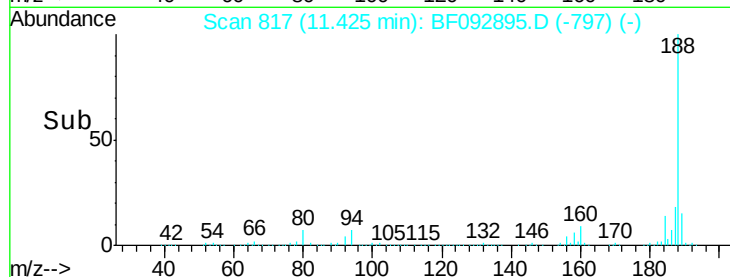
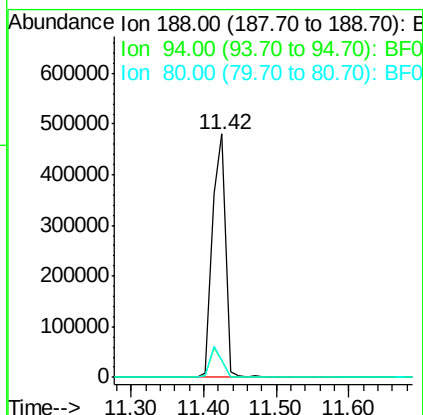
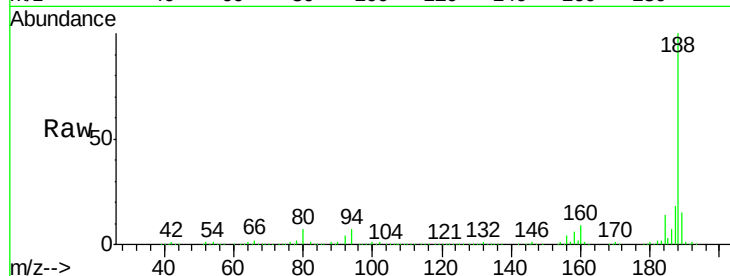




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

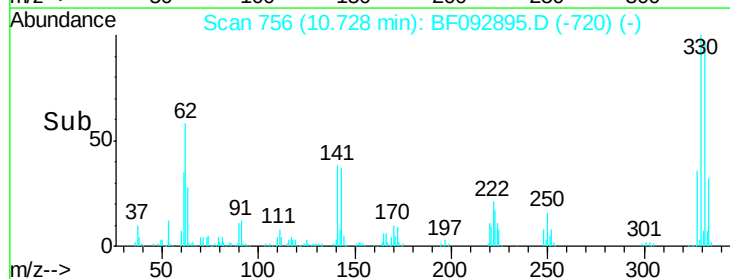
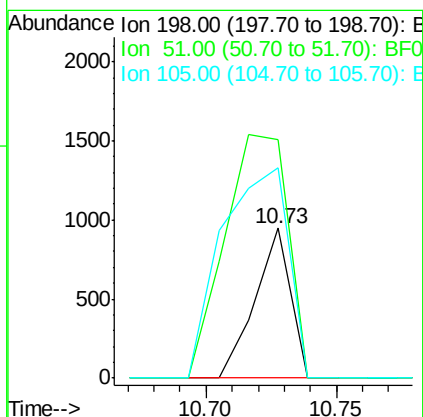
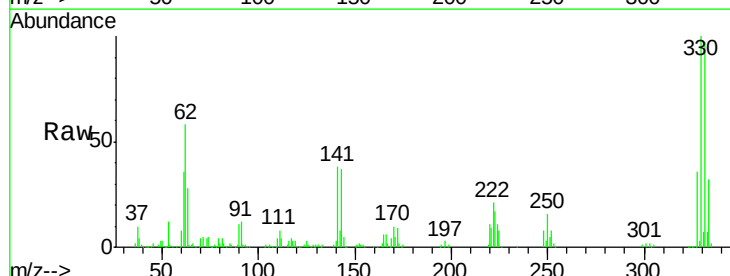
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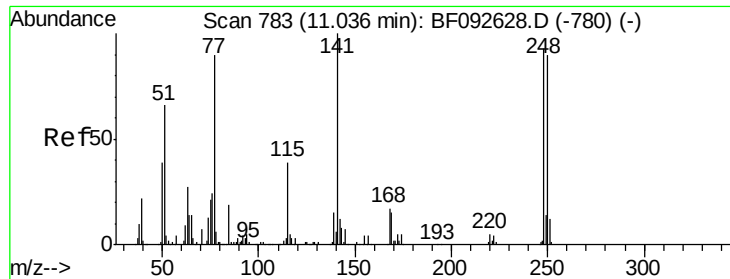
Tgt Ion:188 Resp: 600791
 Ion Ratio Lower Upper
 188 100
 94 6.7 10.0 15.0#
 80 6.9 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.90 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.11 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Tgt Ion:198 Resp: 900
 Ion Ratio Lower Upper
 198 100
 51 159.2 6.7 46.7#
 105 139.8 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.85 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.31 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

Instrument :

BNA_F

ClientSampleId :

MW-5

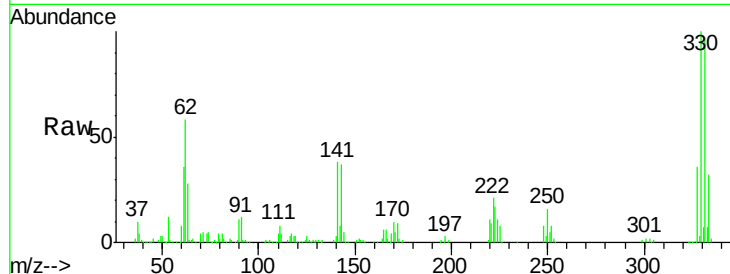
Tgt Ion:248 Resp: 24167

Ion Ratio Lower Upper

248 100

250 207.5 76.9 115.3#

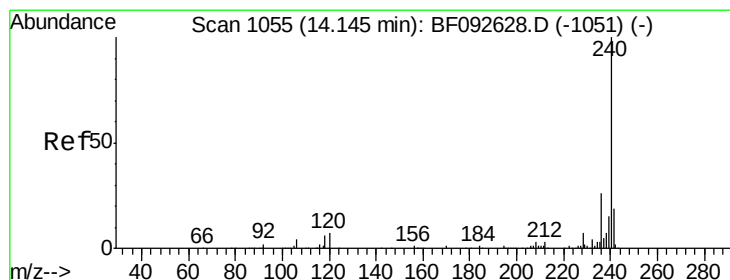
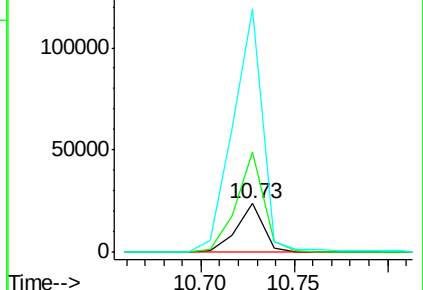
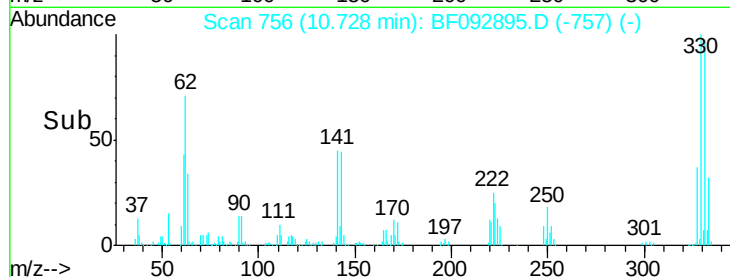
141 502.4 68.2 102.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092895.D

Acq: 10 Feb 2017 20:50

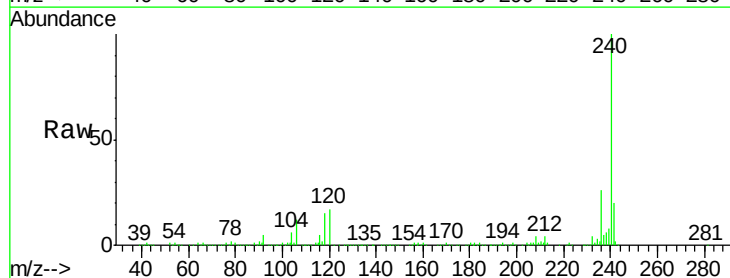
Tgt Ion:240 Resp: 464702

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

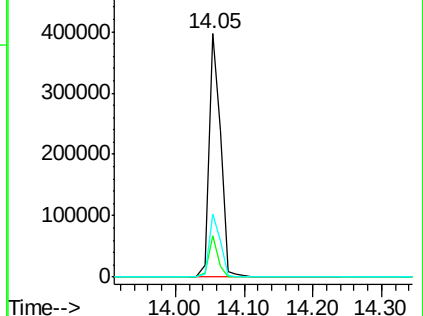
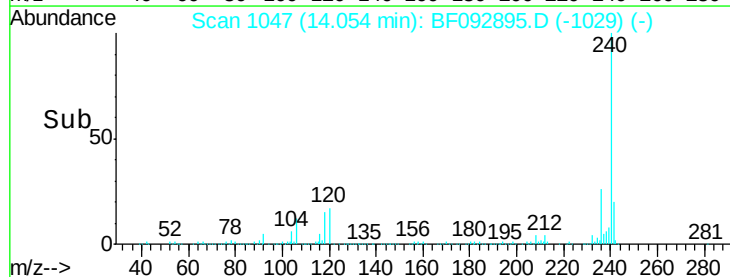
236 25.8 20.9 31.3

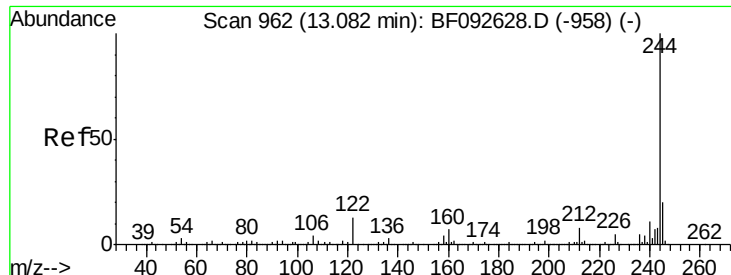


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

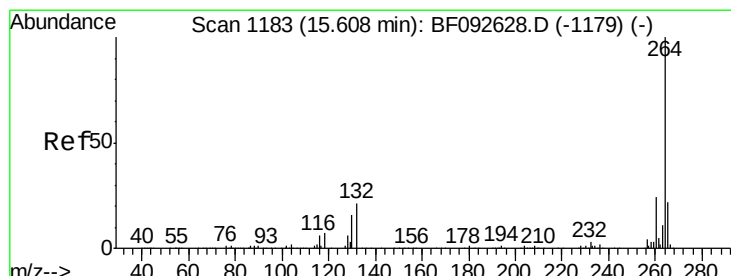
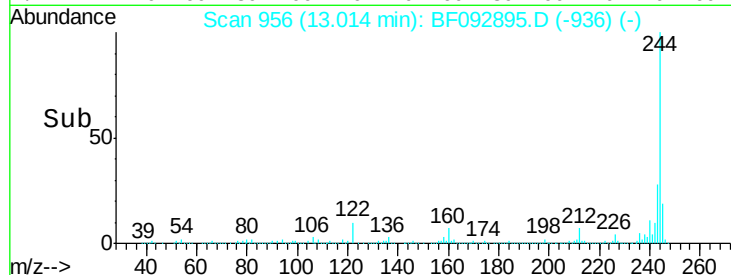
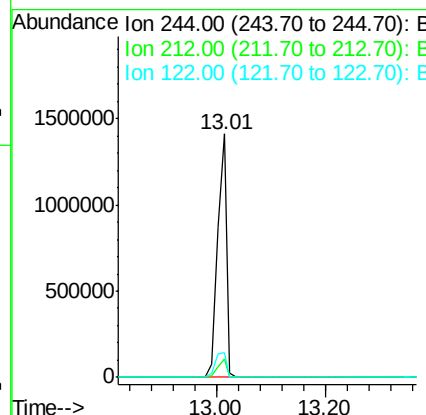
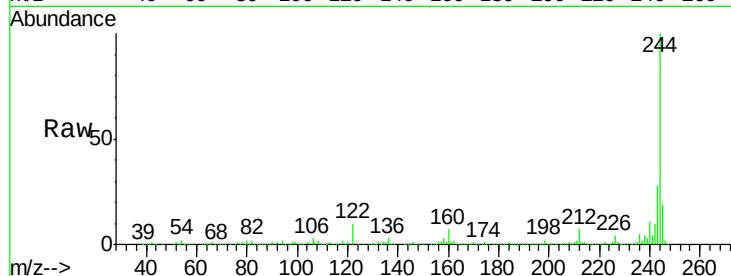




#78
 Terphenyl-d14
 Concen: 83.35 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:244 Resp: 1648389
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092895.D
 Acq: 10 Feb 2017 20:50

Tgt Ion:264 Resp: 372343
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.4 26.0

