

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092799.D
 Acq On : 6 Feb 2017 16:53
 Operator : SJ/MA
 Sample : I1698-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Quant Time: Feb 07 01:07:37 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

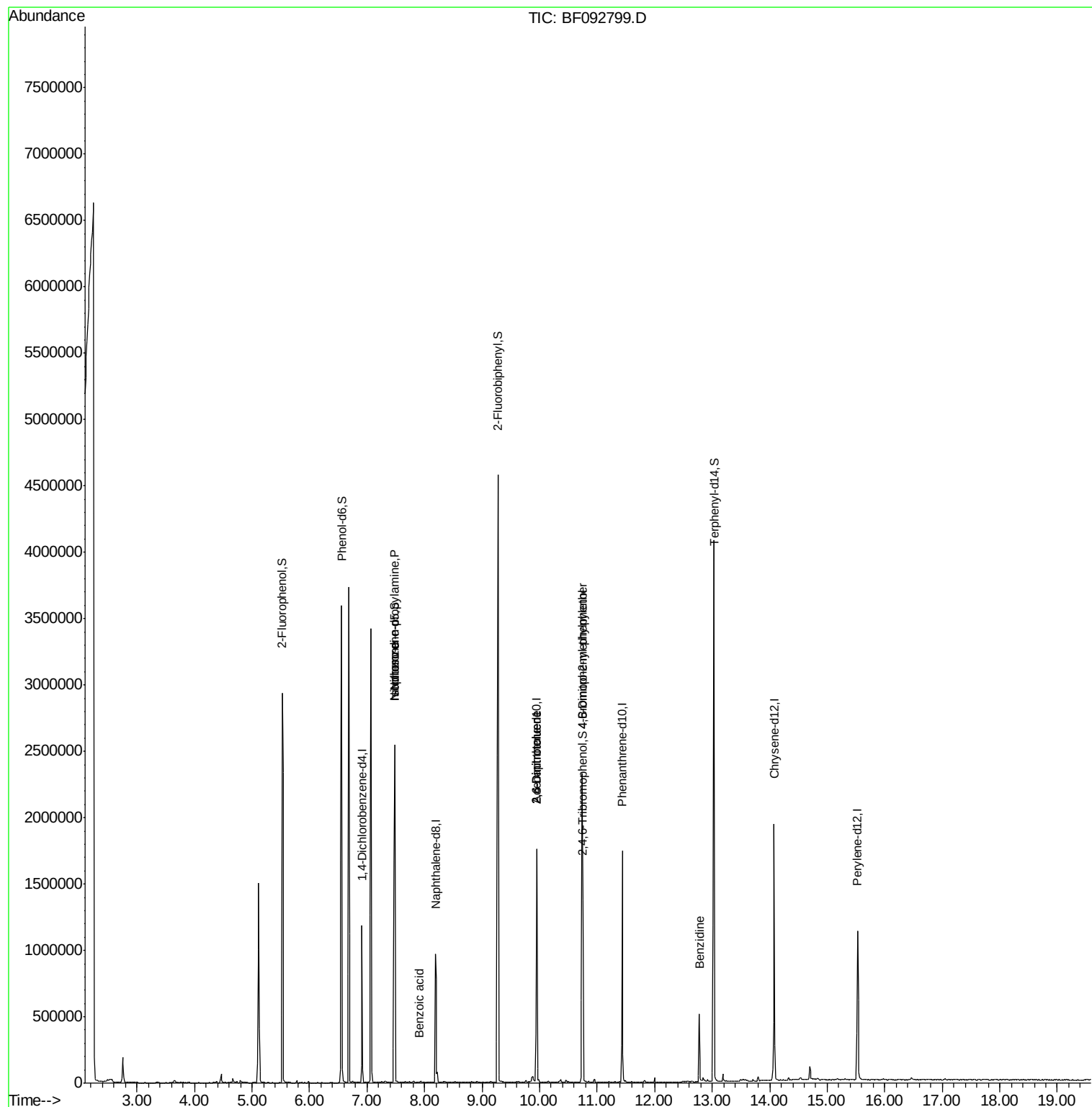
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	161233	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	627063	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	365523	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	617525	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	645743	20.00	ng	-0.07
86) Perylene-d12	15.53	264	538879	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1161803	123.62	ng	-0.04
7) Phenol-d6	6.56	99	1312575	108.55	ng	-0.05
23) Nitrobenzene-d5	7.48	82	1050991	93.33	ng	-0.06
41) 2,4,6-Tribromophenol	10.75	330	401898	152.02	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1766668	87.56	ng	-0.06
78) Terphenyl-d14	13.04	244	2064305	75.11	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	138613	18.01	ng	# 80
25) Isophorone	7.48	82	1050949	50.09	ng	# 65
32) Benzoic acid	7.90	122	1165	7.35	ng	# 86
50) 2,6-Dinitrotoluene	9.95	165	47441	8.92	ng	# 30
56) 2,4-Dinitrotoluene	9.95	165	47432	6.70	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	817	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	26653	4.13	ng	# 1
76) Benzidine	12.77	184	226640	8.24	ng	97

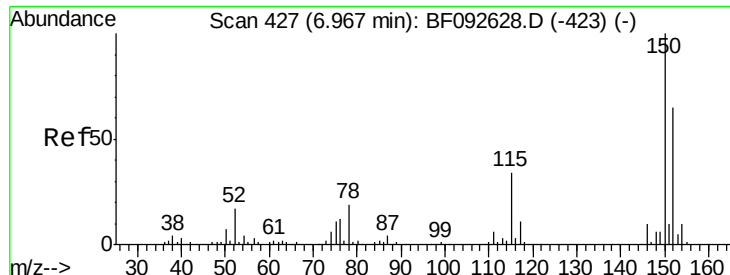
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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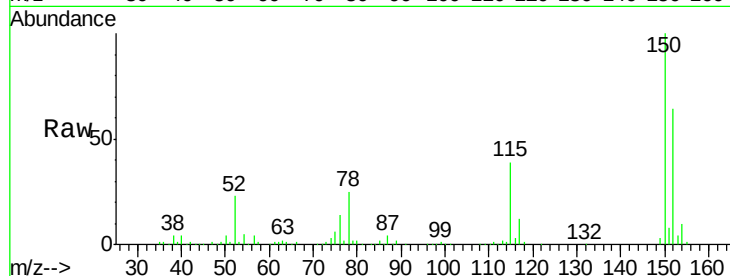


#1

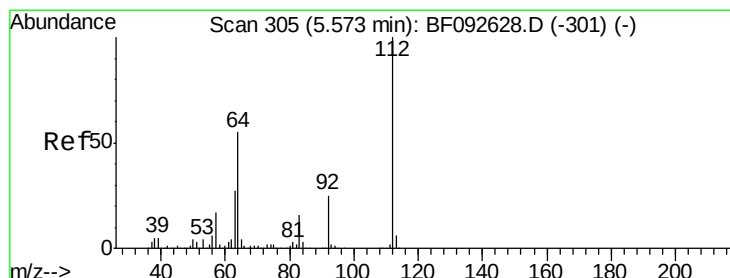
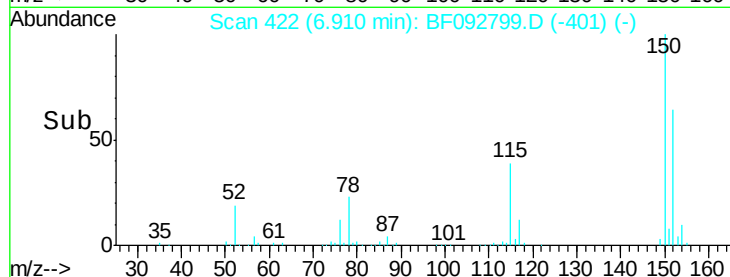
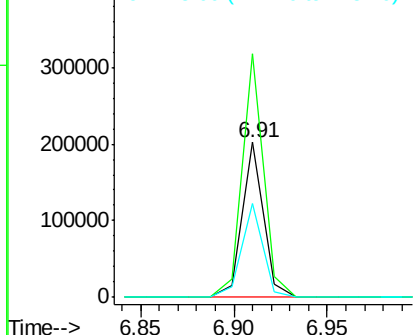
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

Instrument :
BNA_F
ClientSampleId :
WC-B8-B12-001

Tgt Ion:152 Resp: 161233
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 60.9 46.0 69.0



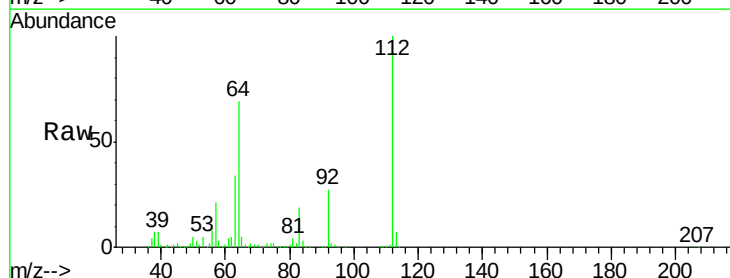
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



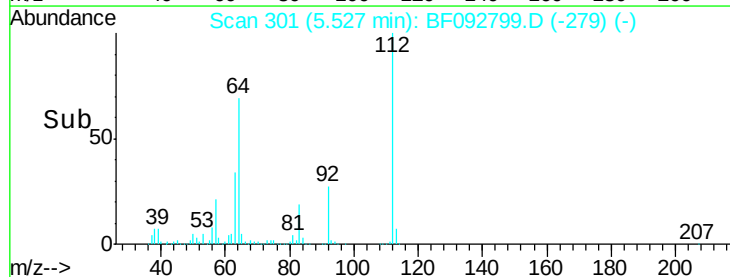
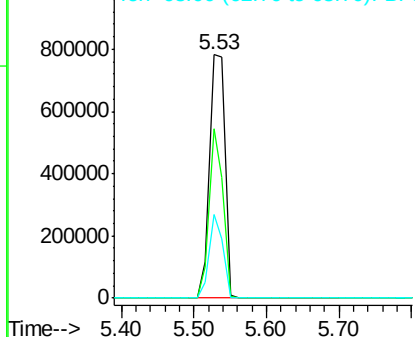
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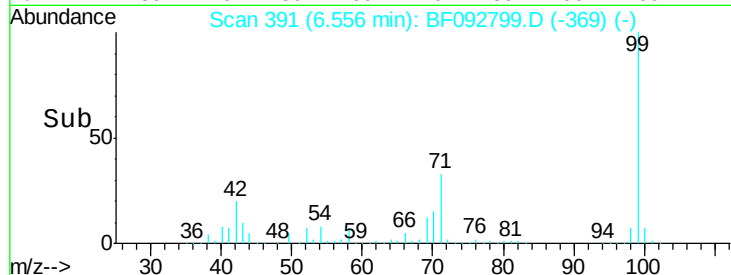
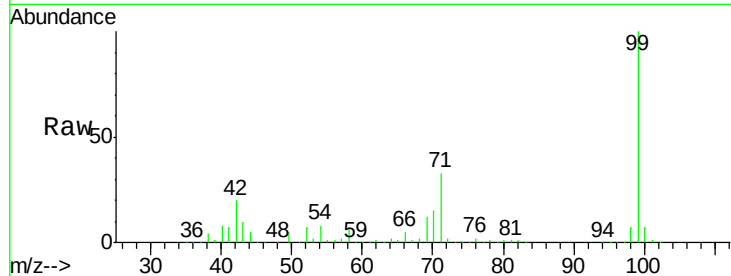
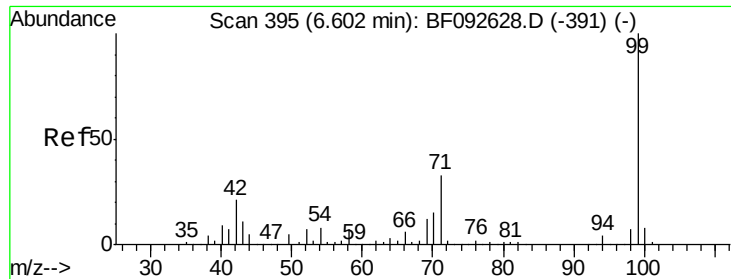
2-Fluorophenol
Concen: 123.62 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

Tgt Ion:112 Resp: 1161803
Ion Ratio Lower Upper
112 100
64 69.3 46.1 69.1#
63 34.5 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: 108.55 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

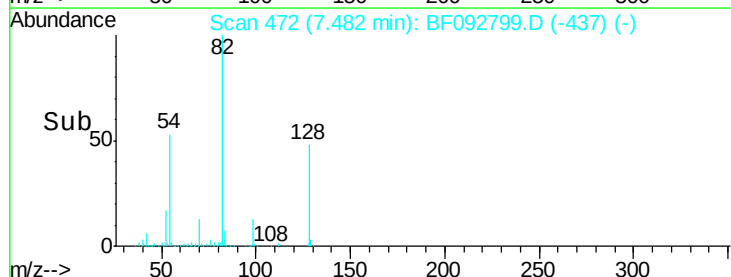
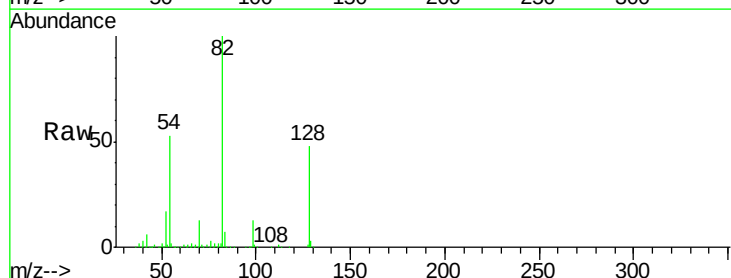
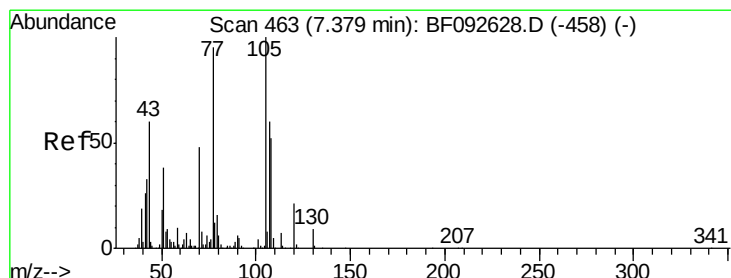
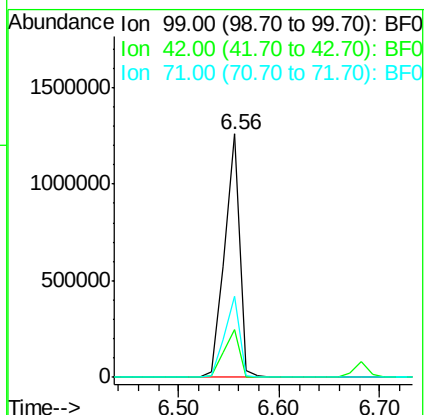
Tgt Ion: 99 Resp: 1312575

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 33.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.01 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.10 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Tgt Ion: 70 Resp: 138613

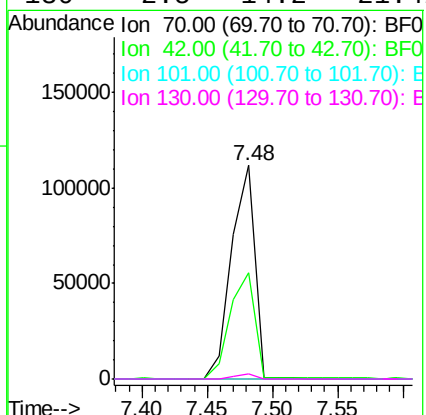
Ion Ratio Lower Upper

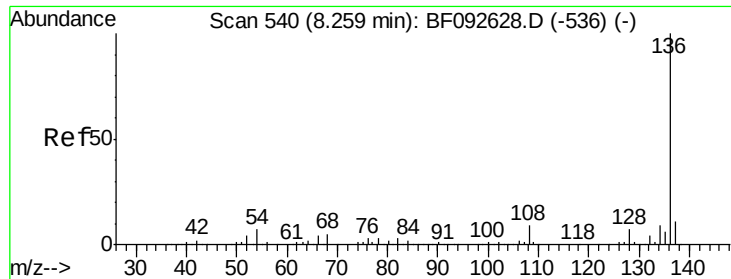
70 100

42 49.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

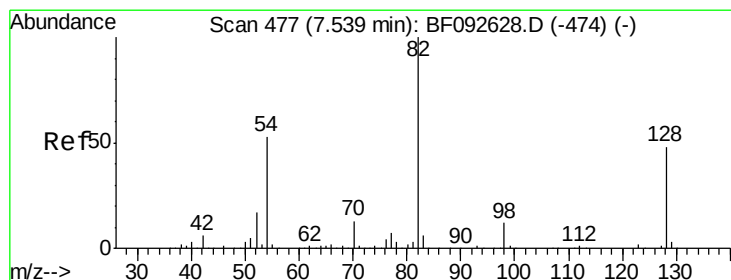
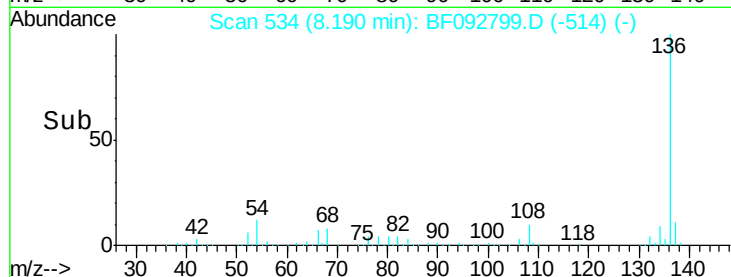
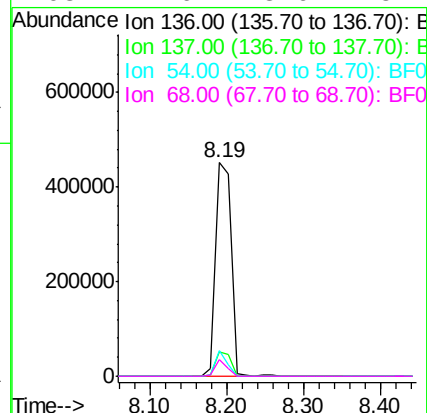
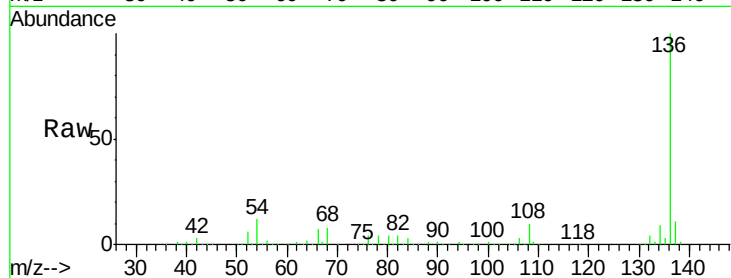




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

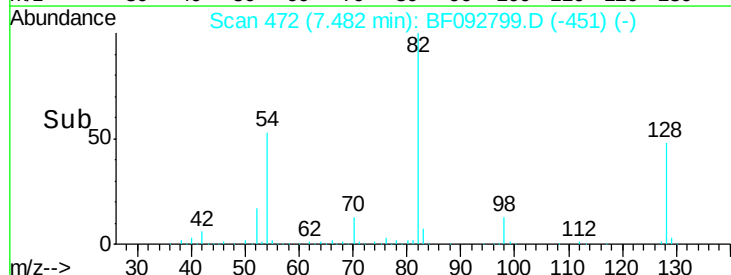
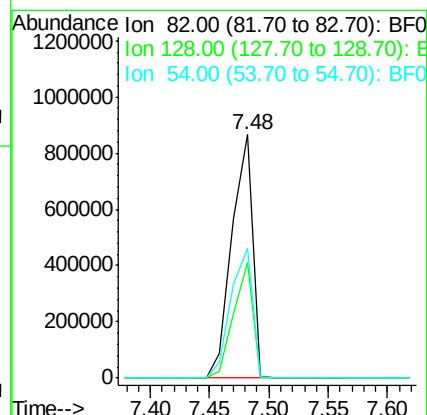
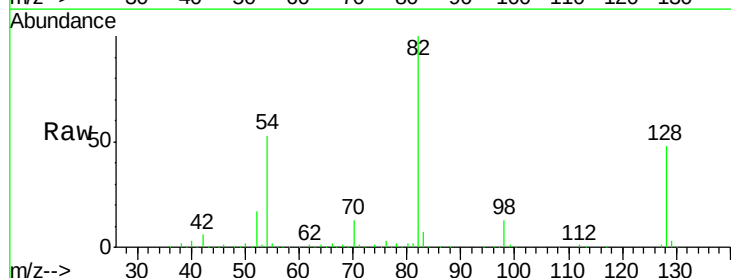
Instrument :
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WC-B8-B12-001

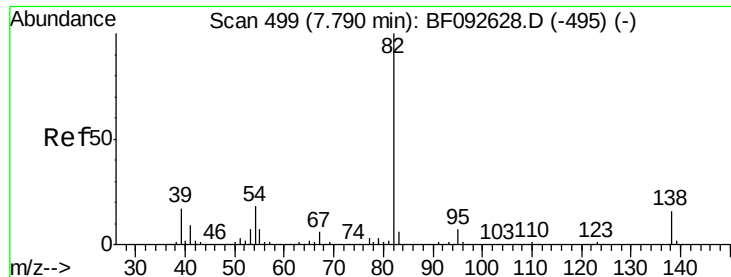
Tgt Ion:	136	Resp:	627063
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.2	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.33 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

Tgt Ion:	82	Resp:	1050991
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	52.0
54	53.4	39.5	59.3





#25

Isophorone

Concen: 50.09 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.31 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

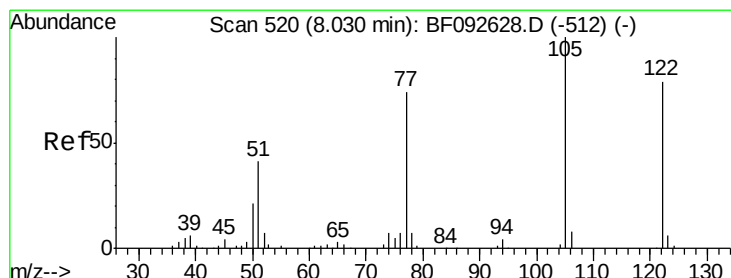
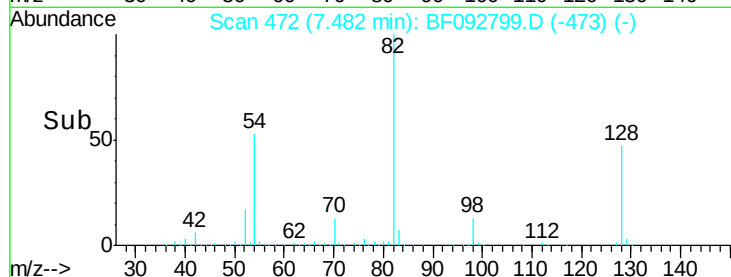
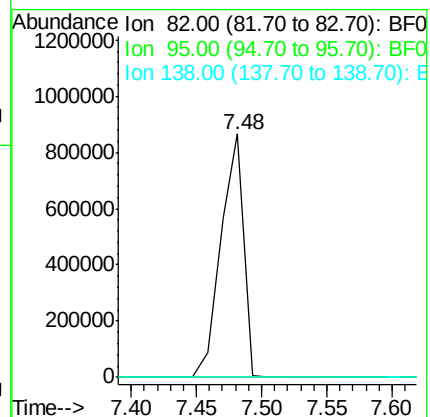
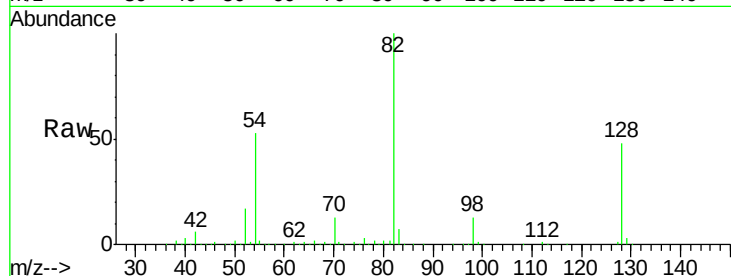
Tgt Ion: 82 Resp: 1050949

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.35 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

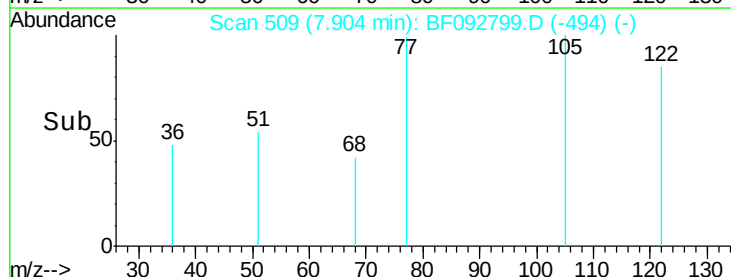
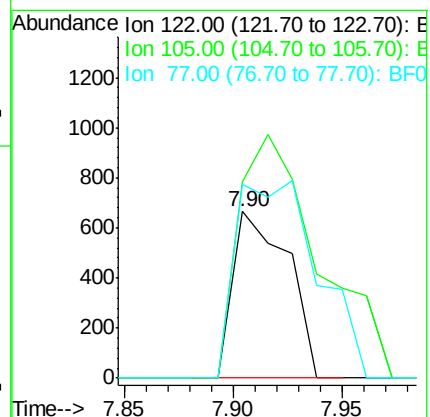
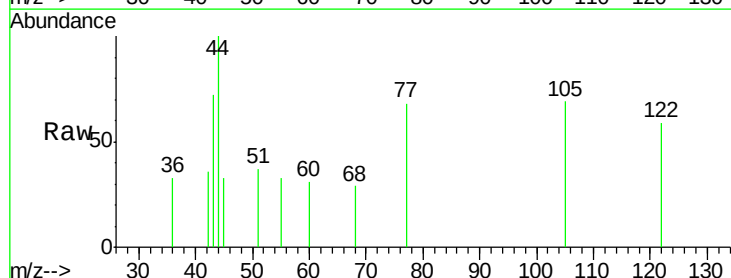
Tgt Ion: 122 Resp: 1165

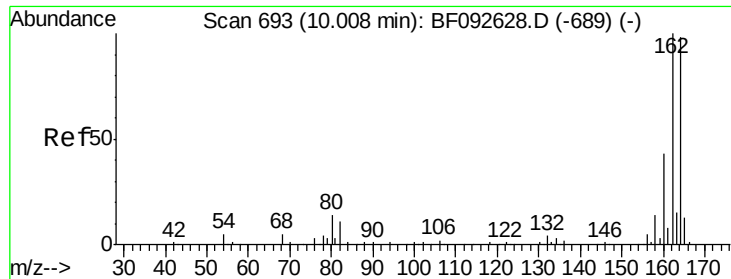
Ion Ratio Lower Upper

122 100

105 117.9 107.2 147.2

77 116.2 74.5 114.5#

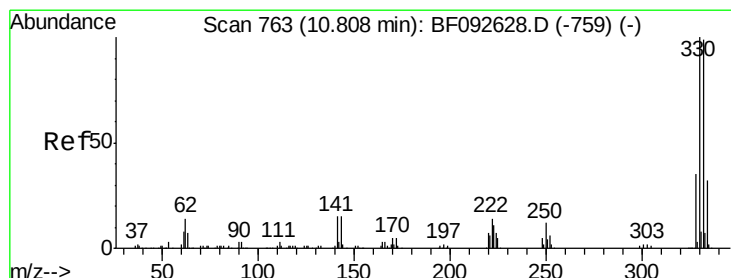
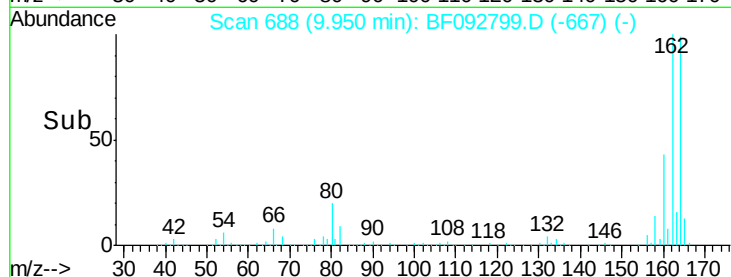
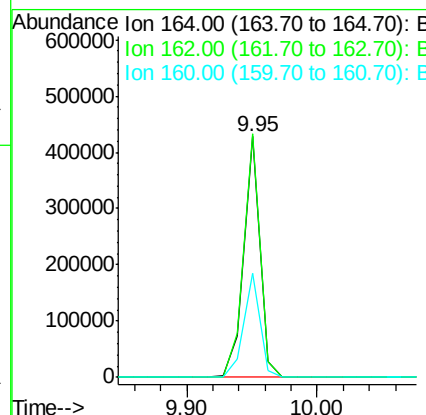
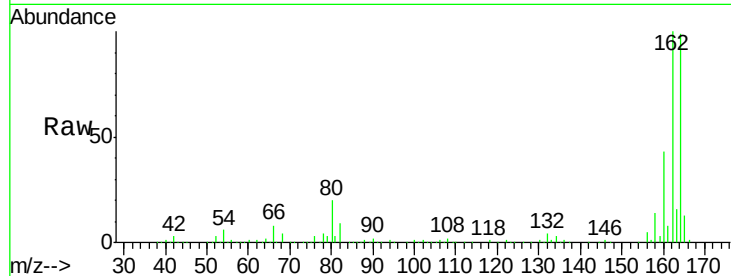




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

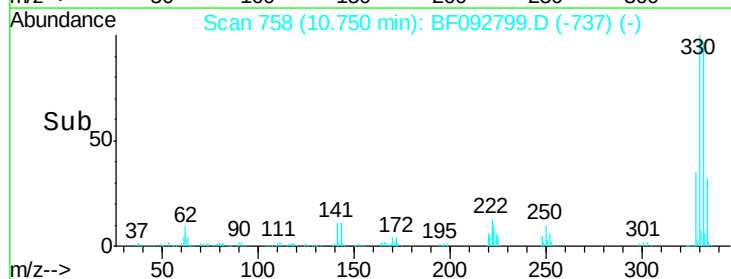
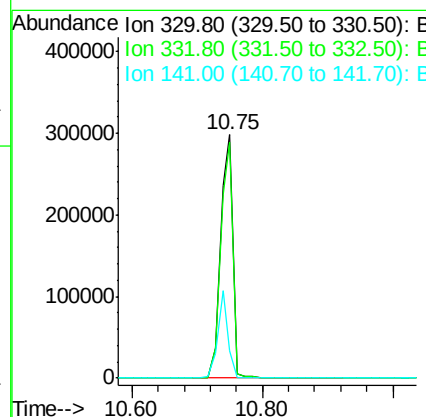
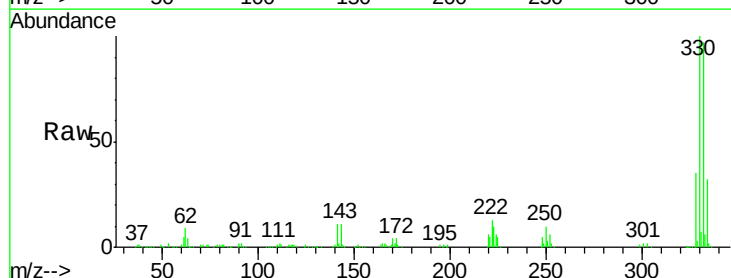
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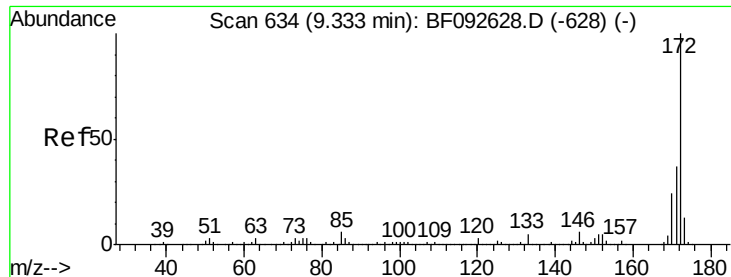
Tgt Ion:164 Resp: 365523
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 152.02 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.06 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:330 Resp: 401898
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 30.0 34.1 51.1#

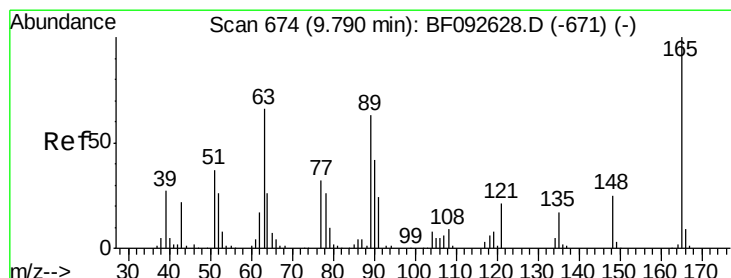
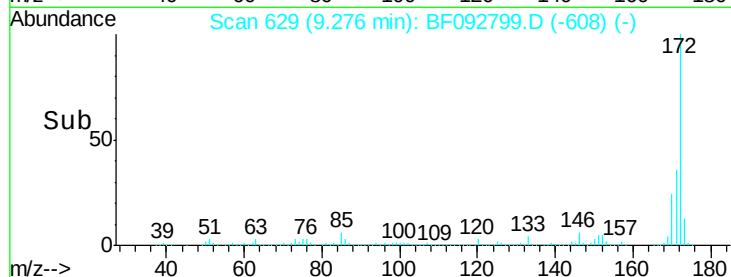
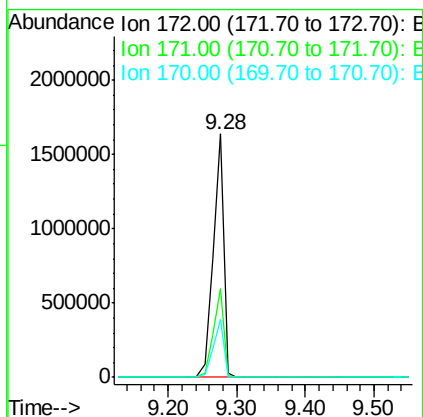
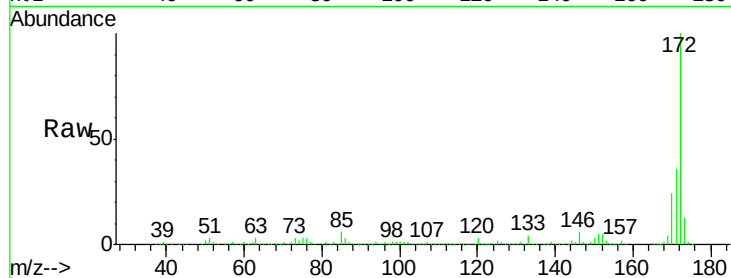




#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

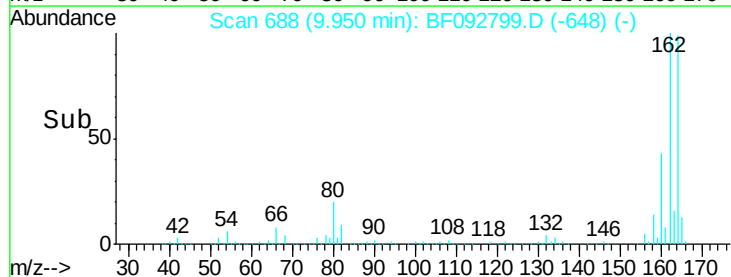
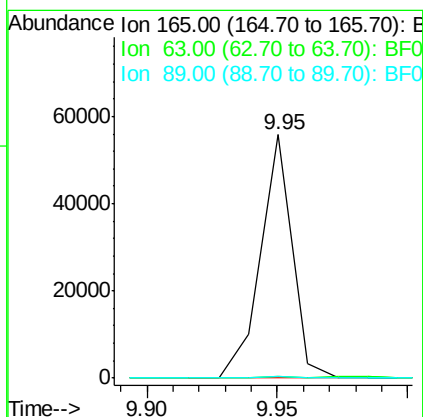
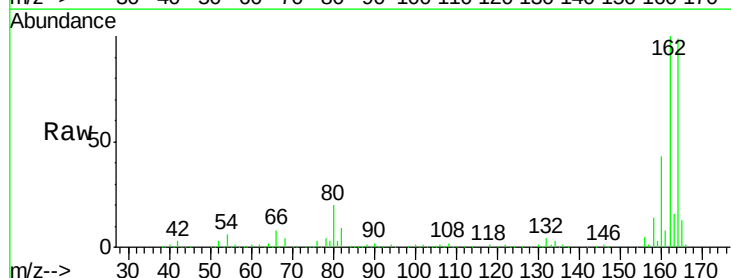
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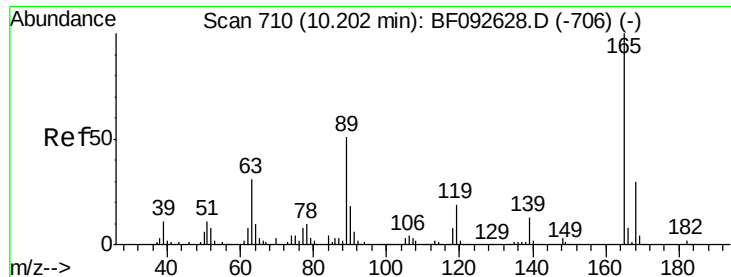
Tgt Ion:172 Resp: 1766668
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.9 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.92 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.16 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:165 Resp: 47441
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 0.9 40.2 60.4#

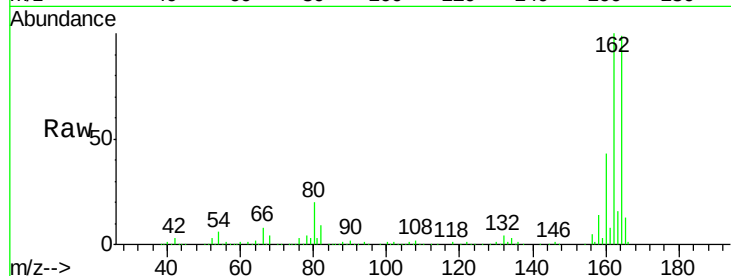




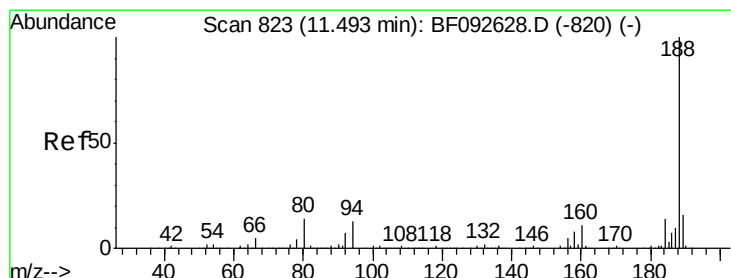
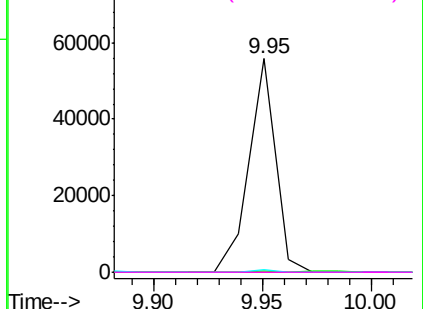
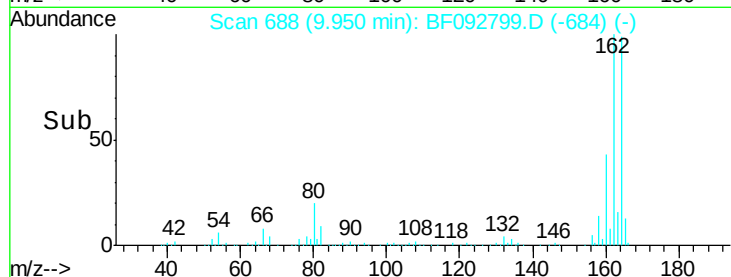
#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.25 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Tgt Ion:165 Resp: 47432
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 0.9 62.5 93.7#
 182 0.0 1.8 2.8#

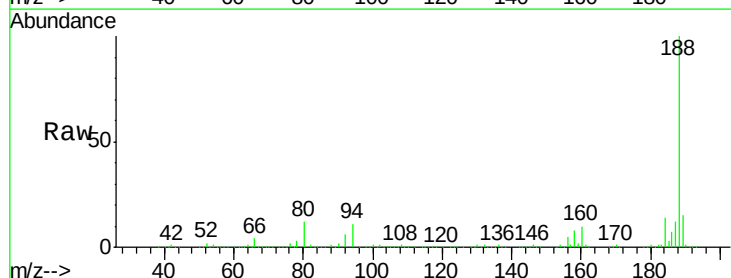


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

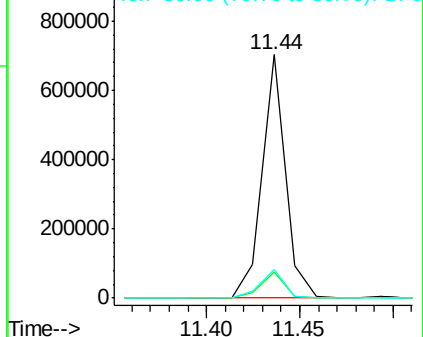
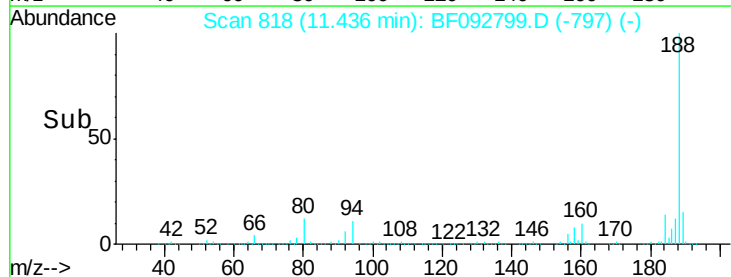


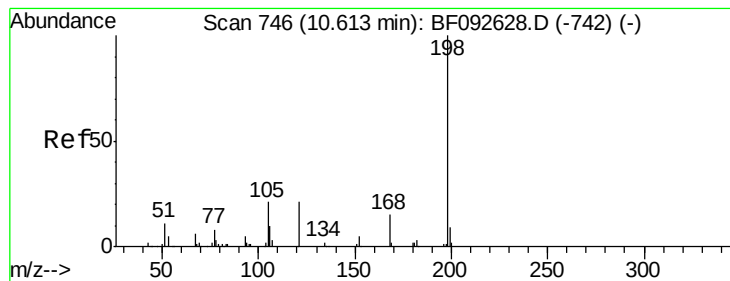
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.06 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:188 Resp: 617525
 Ion Ratio Lower Upper
 188 100
 94 10.9 10.0 15.0
 80 11.8 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: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

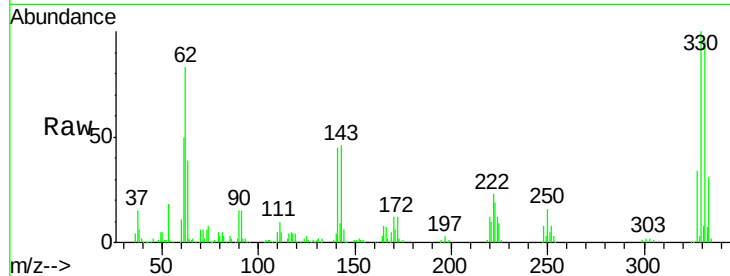
Tgt Ion:198 Resp: 817

Ion Ratio Lower Upper

198 100

51 249.7 6.7 46.7#

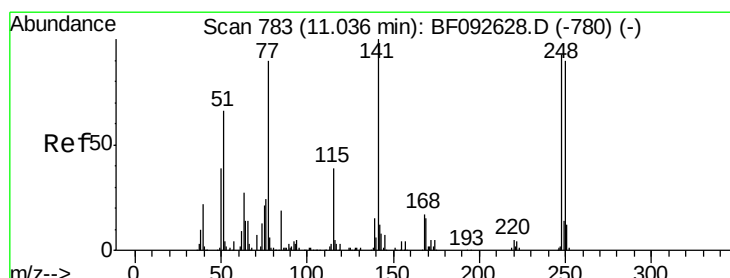
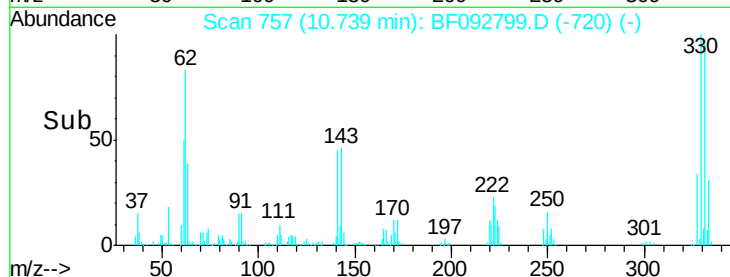
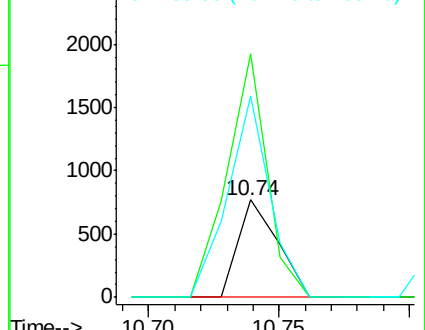
105 206.0 16.6 56.6#



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: 4.13 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

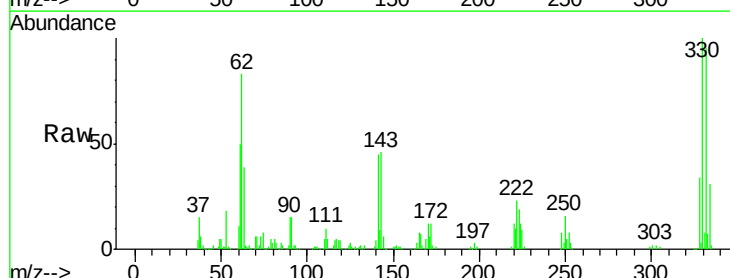
Tgt Ion:248 Resp: 26653

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

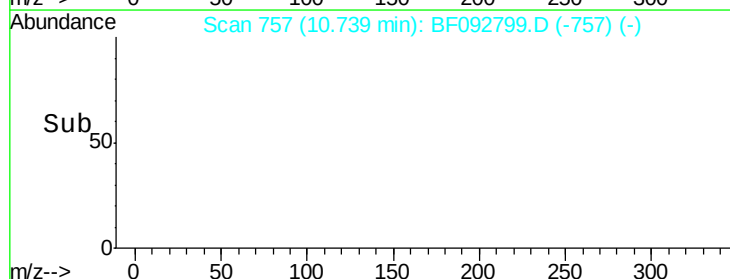
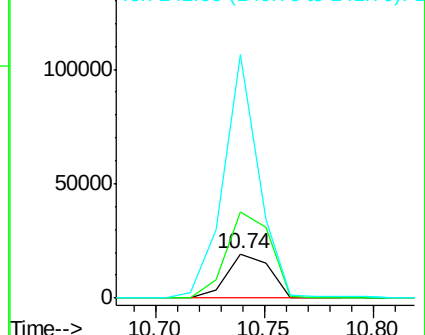
141 550.9 68.2 102.4#

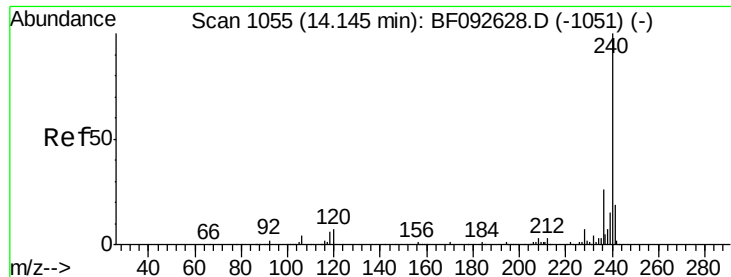


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

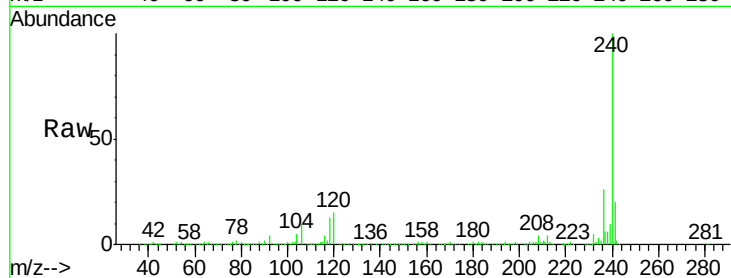
Tgt Ion:240 Resp: 645743

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

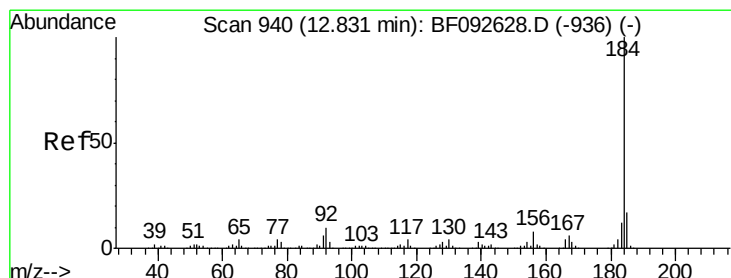
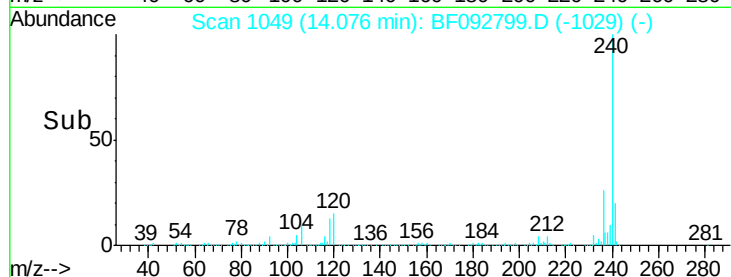
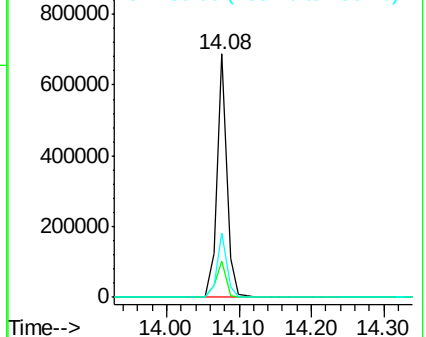
236 26.4 20.9 31.3



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: 8.24 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

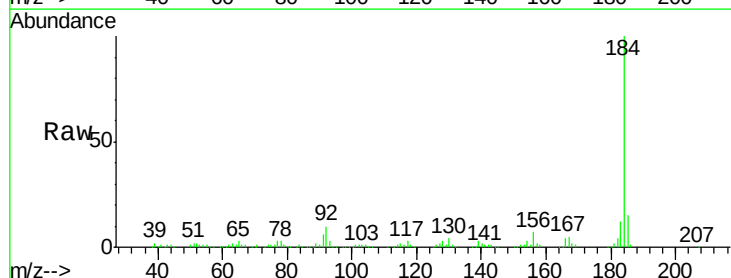
Tgt Ion:184 Resp: 226640

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

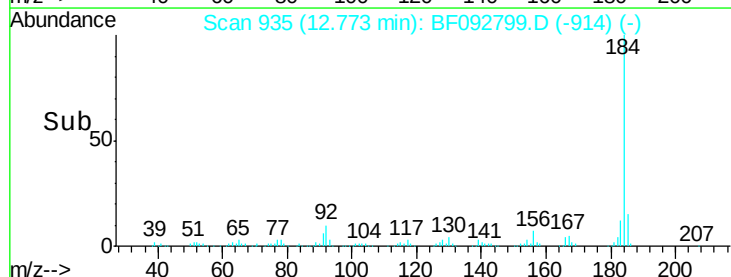
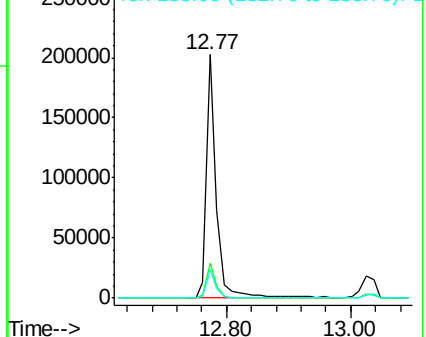
183 11.7 9.2 13.8

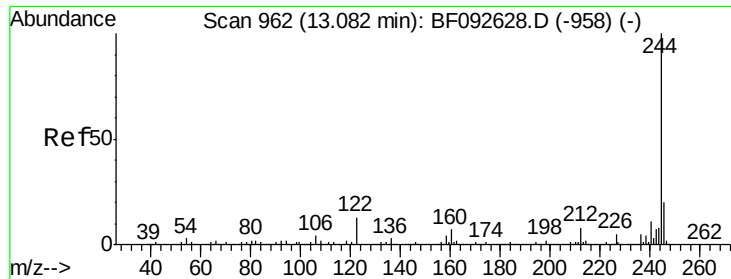


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

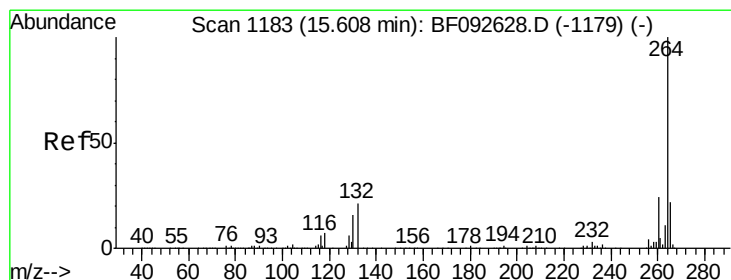
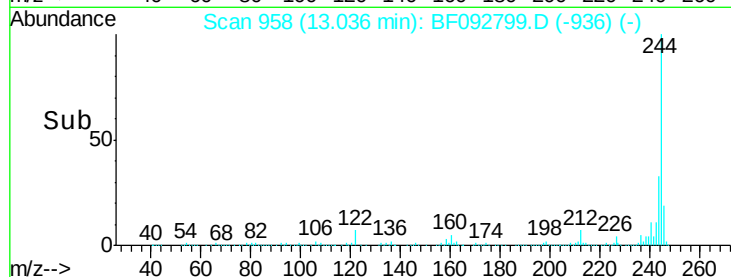
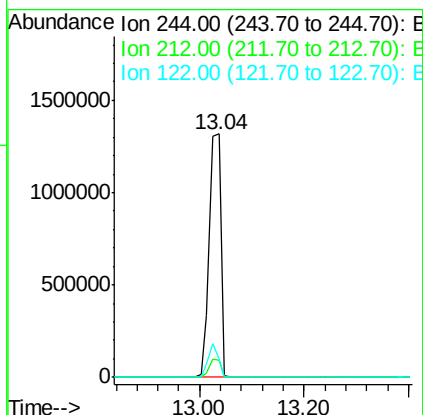
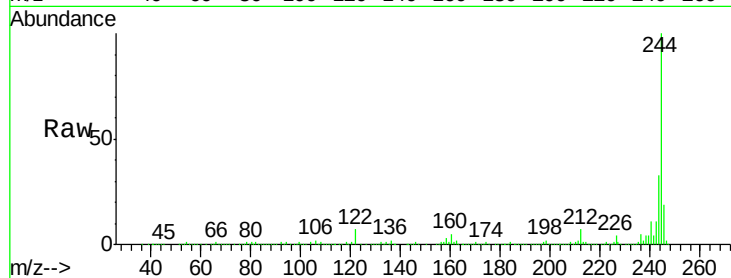




#78
 Terphenyl-d14
 Concen: 75.11 ng
 RT: 13.04 min Scan# 958
 Delta R.T. -0.05 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Tgt Ion:244 Resp: 2064305
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.3 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: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:264 Resp: 538879
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.4 26.0

