

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086795.D
 Acq On : 8 May 2016 1:24
 Operator : UM/SJ
 Sample : H2882-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-9

Quant Time: May 08 04:13:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160413	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	646558	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	303766	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	560902	40.00	ng	0.00
75) Chrysene-d12	13.85	240	370919	40.00	ng	0.00
86) Perylene-d12	15.22	264	284828	40.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	587076	60.59	ng	0.01
7) Phenol-d6	6.36	99	500107	38.31	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1194322	94.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	414269	139.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1902265	102.65	ng	0.00
78) Terphenyl-d14	12.81	244	1550026	84.46	ng	0.00

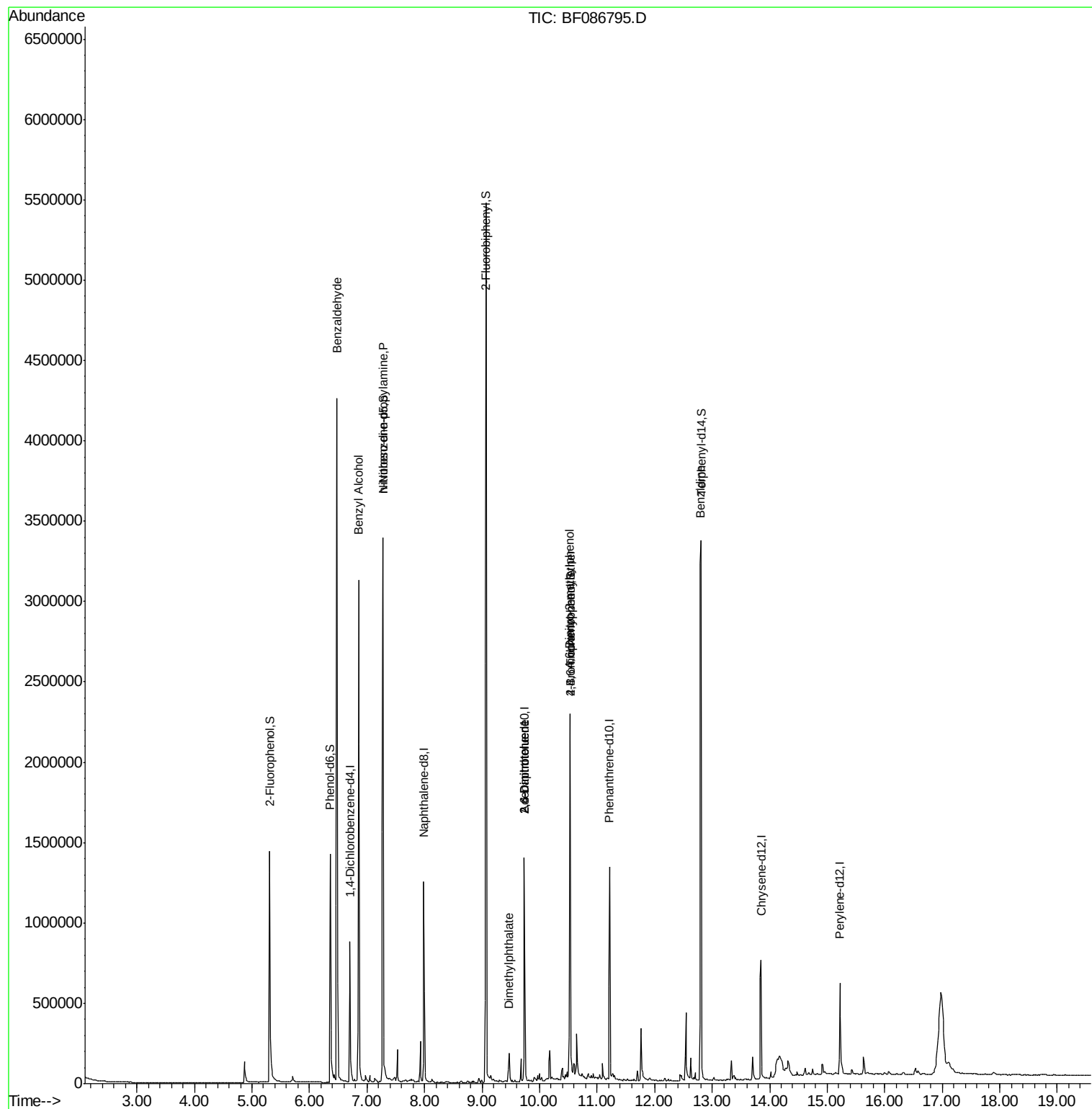
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	28467	4.37	ng	# 76
15) Benzyl Alcohol	6.85	79	18513	2.19	ng	# 41
19) n-Nitroso-di-n-propylamine	7.28	70	173845	19.49	ng	# 73
49) Dimethylphthalate	9.47	163	77847	3.44	ng	99
50) 2,6-Dinitrotoluene	9.73	165	38558	7.93	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	38551	6.40	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.52	198	977	5.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	24391	4.38	ng	# 1
76) Benzidine	12.80	184	23761	9.09	ng	98

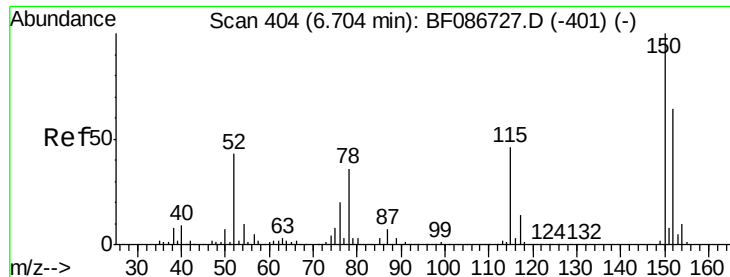
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

Instrument :

BNA_F

ClientSampleId :

MWHR2-9

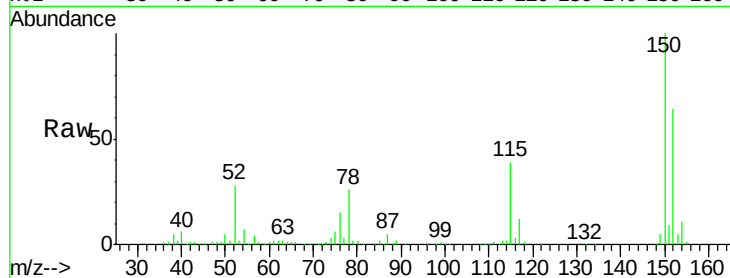
Tgt Ion:152 Resp: 160413

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

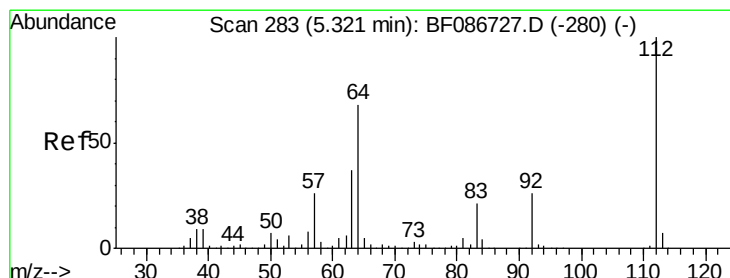
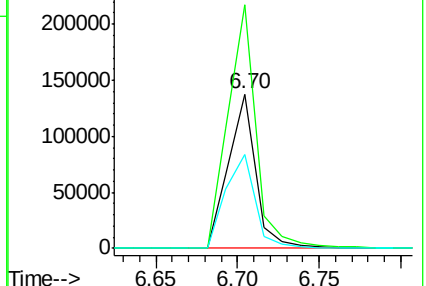
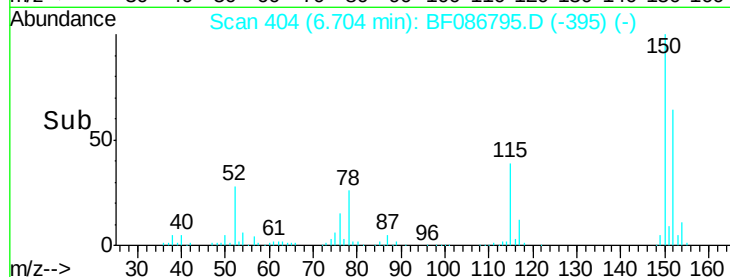
115 61.1 51.5 77.3



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: 60.59 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

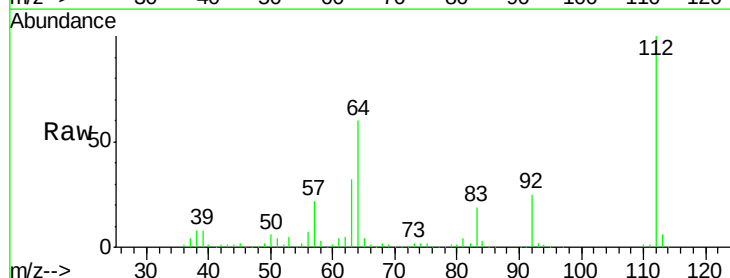
Tgt Ion:112 Resp: 587076

Ion Ratio Lower Upper

112 100

64 60.4 52.1 78.1

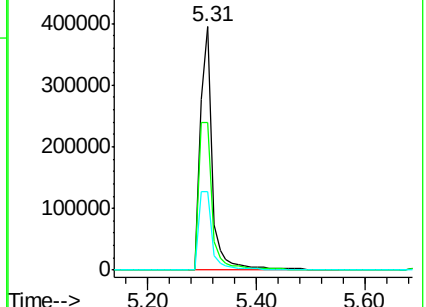
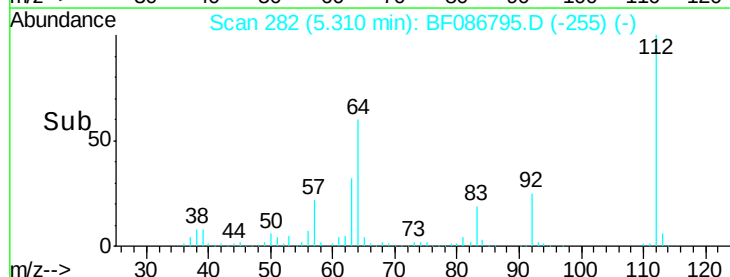
63 32.3 25.7 38.5

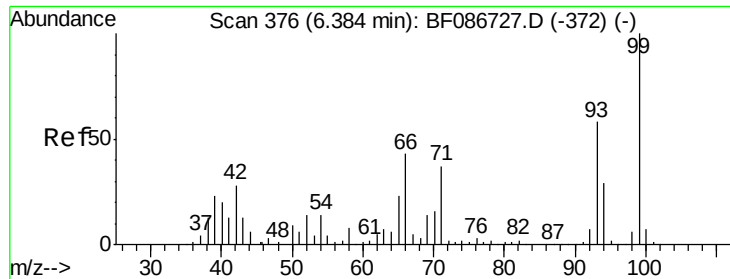


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.31 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

Instrument :

BNA_F

ClientSampleId :

MWHR2-9

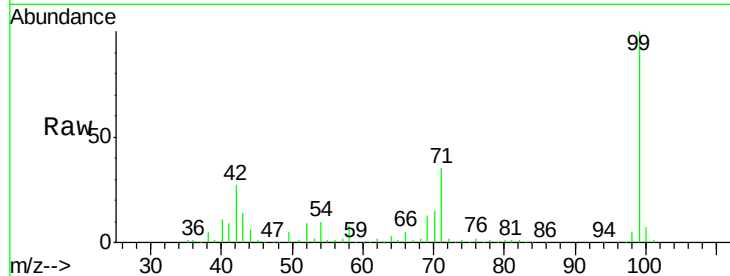
Tgt Ion: 99 Resp: 500107

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

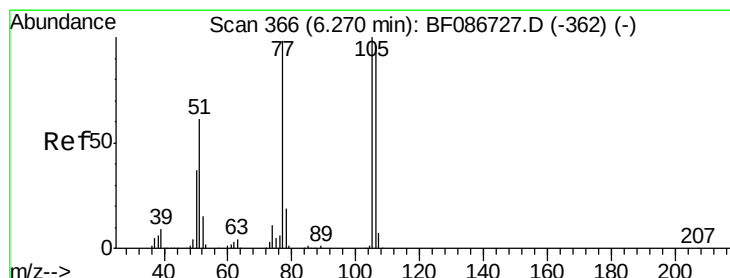
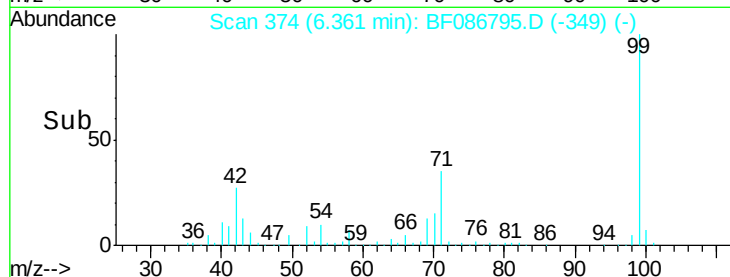
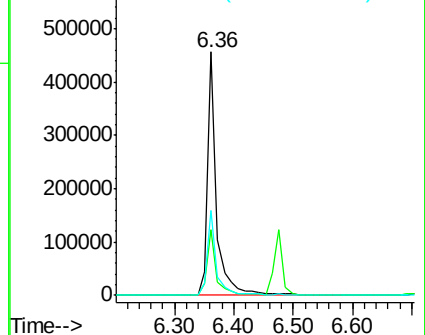
71 34.9 24.6 36.8



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



#9

Benzaldehyde

Concen: 4.37 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

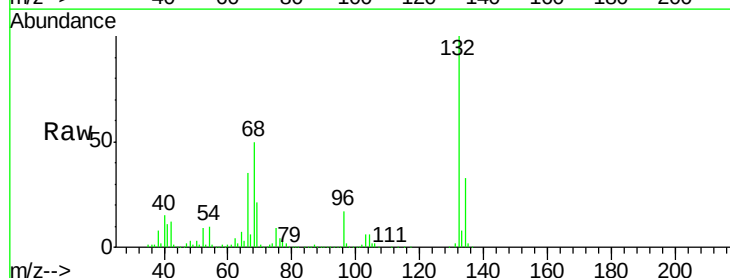
Tgt Ion: 77 Resp: 28467

Ion Ratio Lower Upper

77 100

105 74.9 72.7 112.7

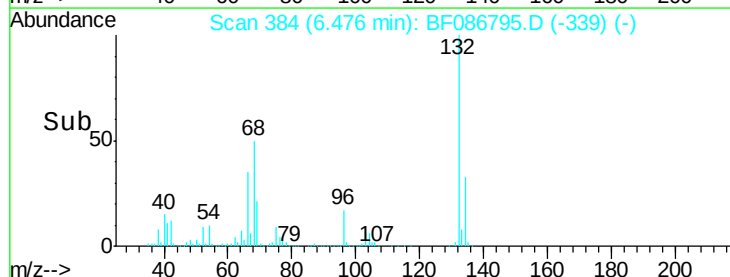
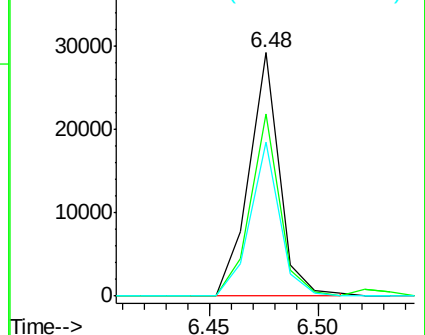
106 63.0 70.8 110.8#

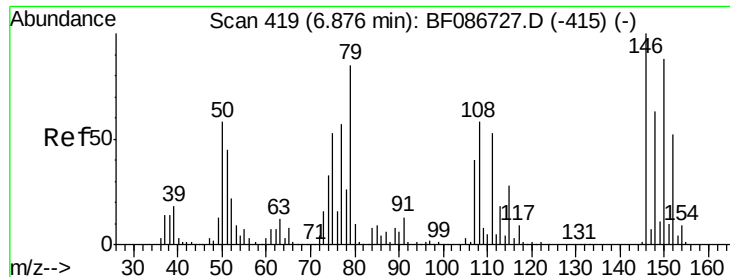


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

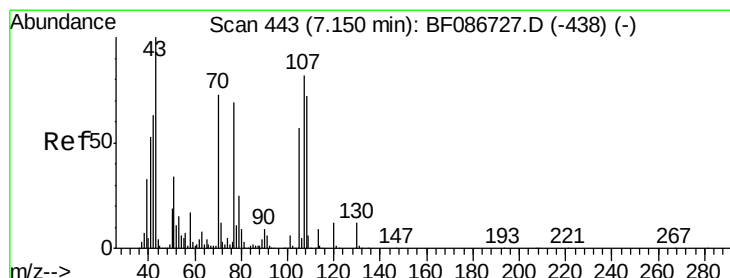
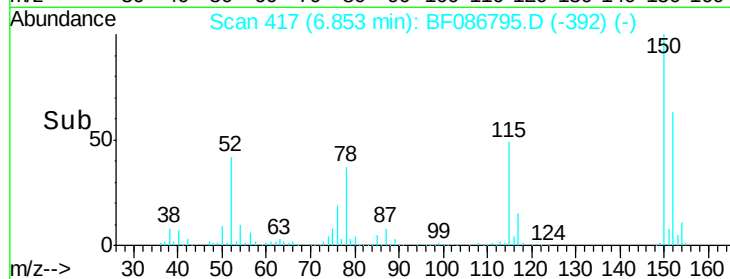
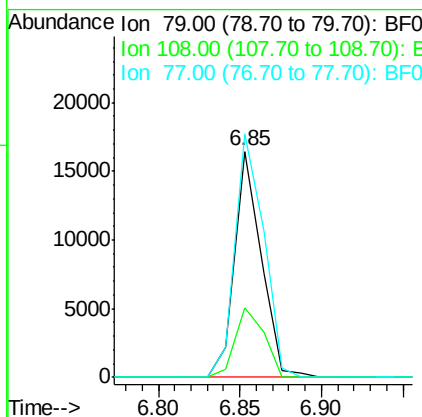
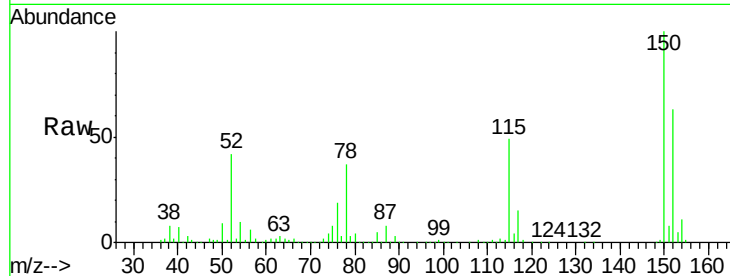




#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

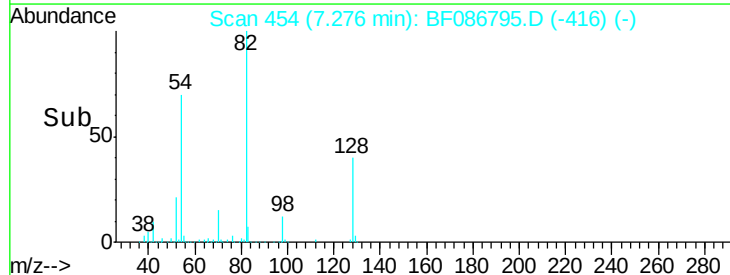
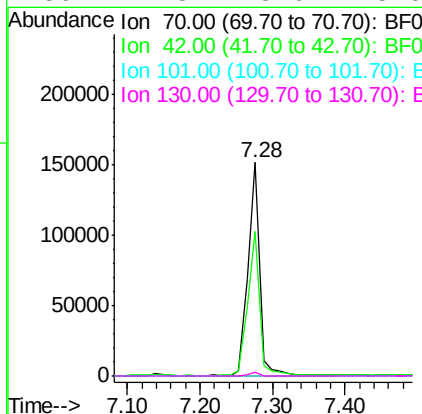
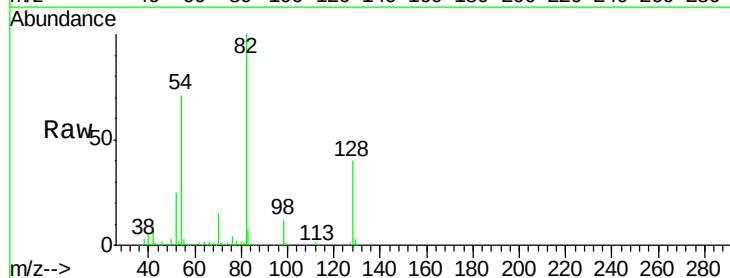
Instrument :
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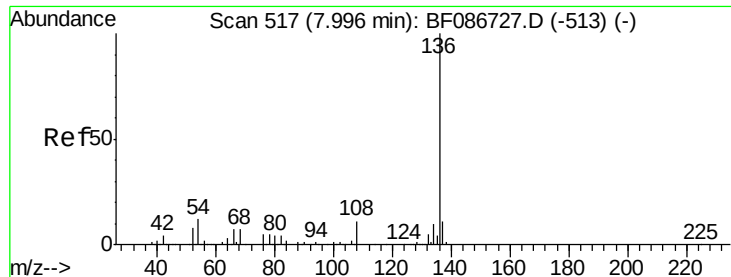
Tgt Ion: 79 Resp: 18513
Ion Ratio Lower Upper
79 100
108 30.7 68.4 102.6#
77 107.7 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 19.49 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

Tgt Ion: 70 Resp: 173845
Ion Ratio Lower Upper
70 100
42 67.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#

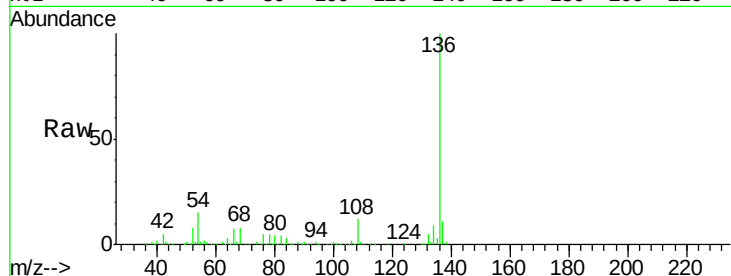




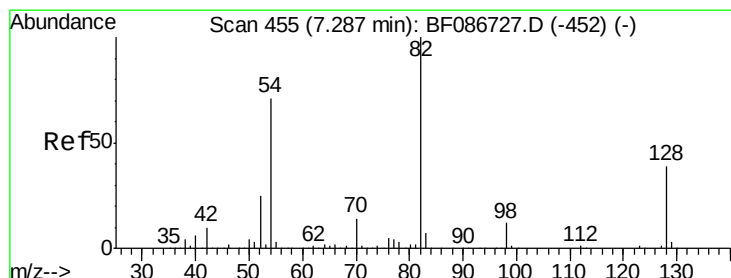
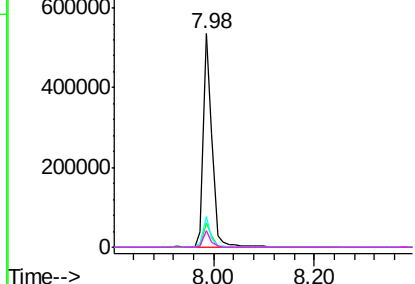
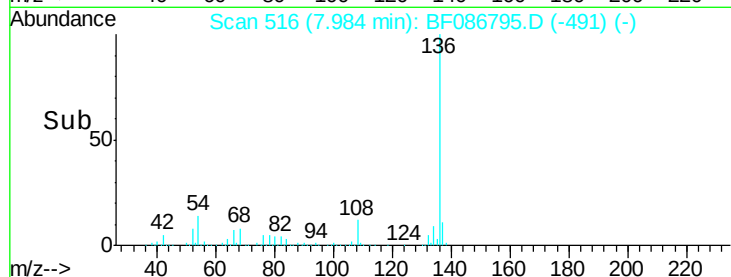
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

Instrument :
BNA_F
ClientSampleId :
MWHHR2-9

Tgt Ion: 136 Resp: 646558
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 14.6 5.0 7.4#
68 7.6 4.4 6.6#

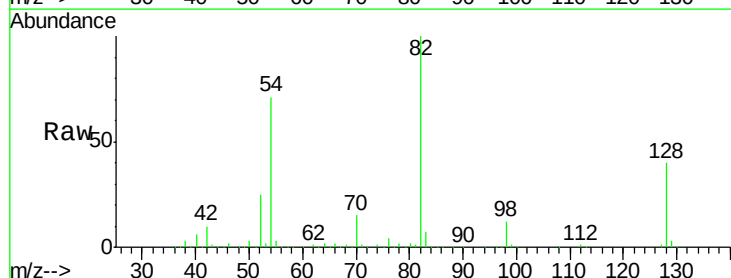


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

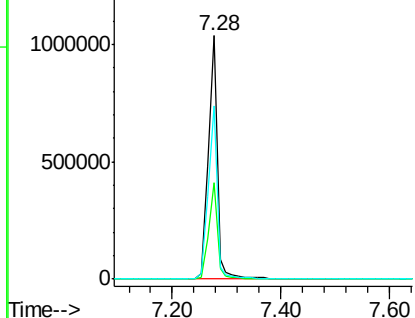
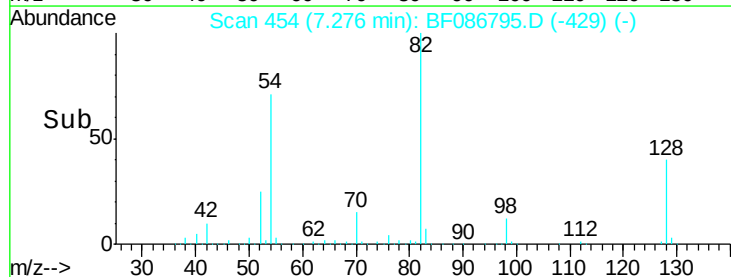


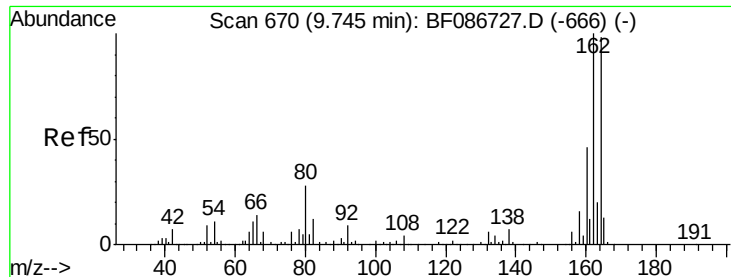
#23
Nitrobenzene-d5
Concen: 94.92 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

Tgt Ion: 82 Resp: 1194322
Ion Ratio Lower Upper
82 100
128 39.6 40.6 61.0#
54 71.2 38.1 57.1#



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

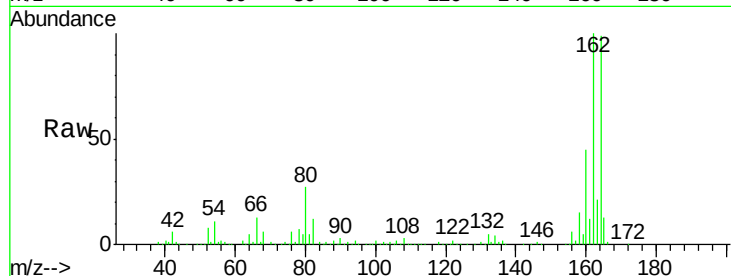




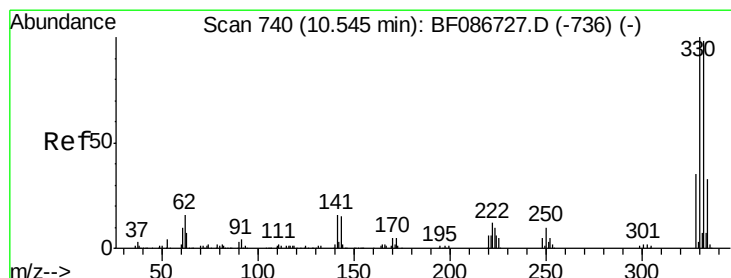
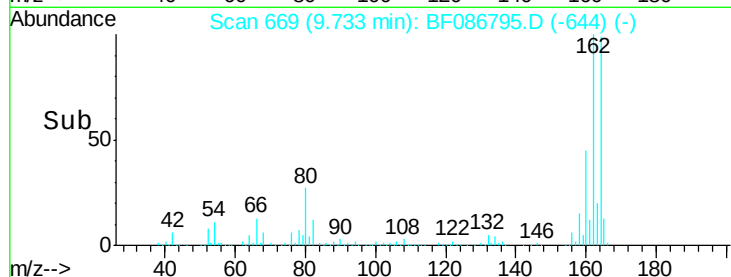
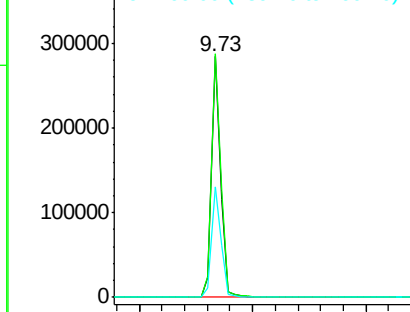
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

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 MWHR2-9

Tgt Ion:164 Resp: 303766
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.8 124.2
 160 45.9 36.9 55.3

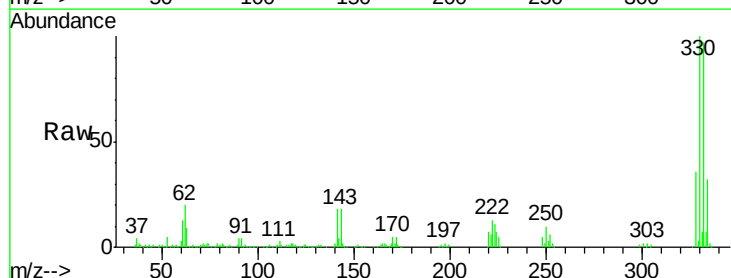


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

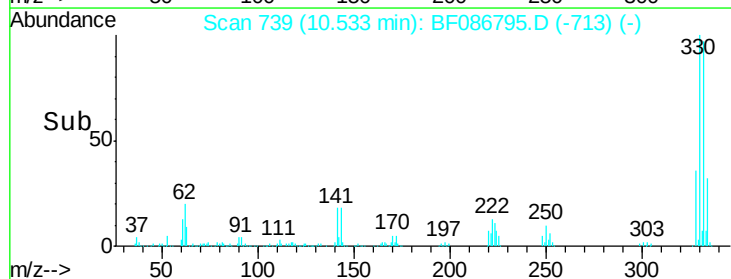
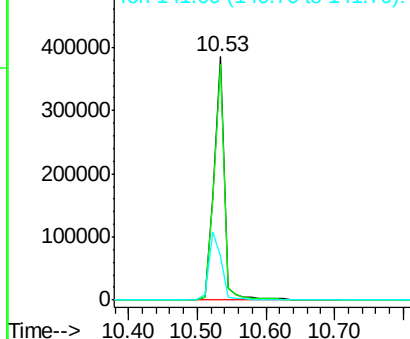


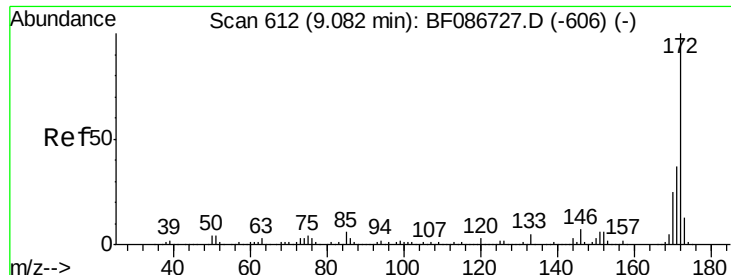
#41
 2,4,6-Tribromophenol
 Concen: 139.41 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

Tgt Ion:330 Resp: 414269
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 33.1 31.2 46.8



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

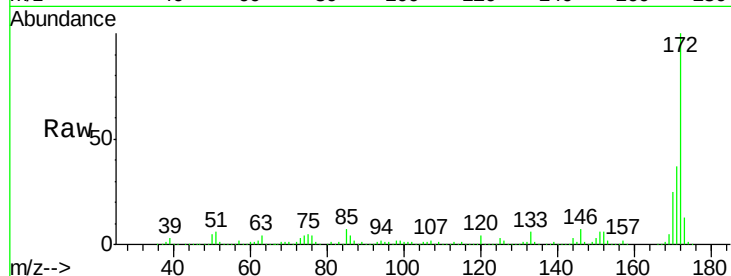




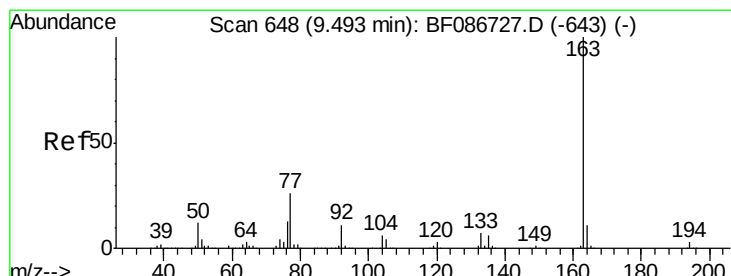
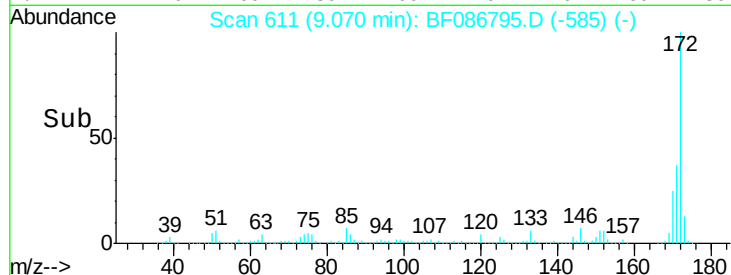
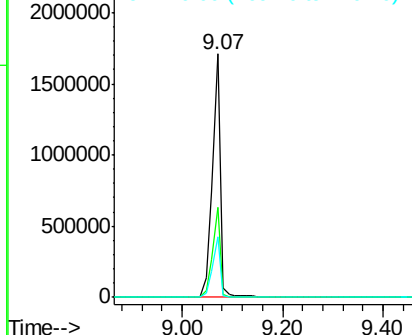
#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

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Tgt Ion:172 Resp: 1902265
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.9 19.8 29.8

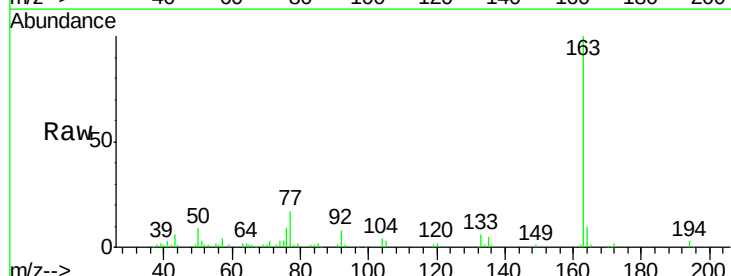


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

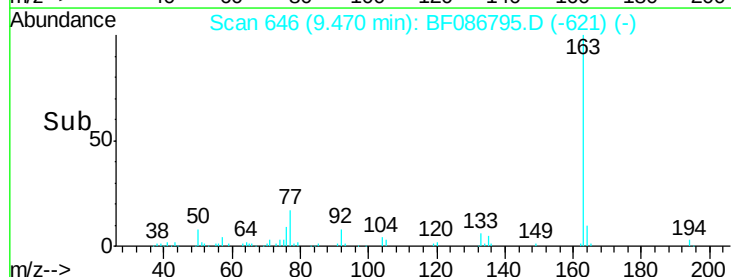
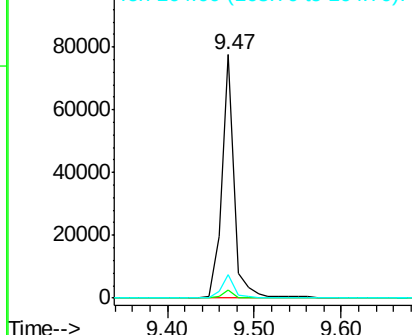


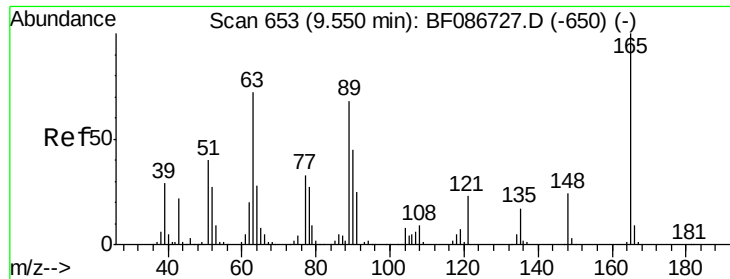
#49
 Dimethylphthalate
 Concen: 3.44 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

Tgt Ion:163 Resp: 77847
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.8 8.2 12.4



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

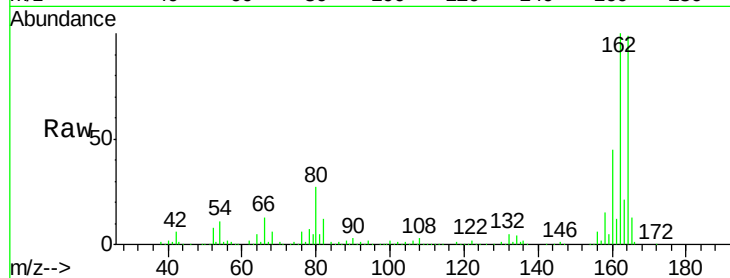




#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

Instrument :
 BNA_F
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 MWHR2-9

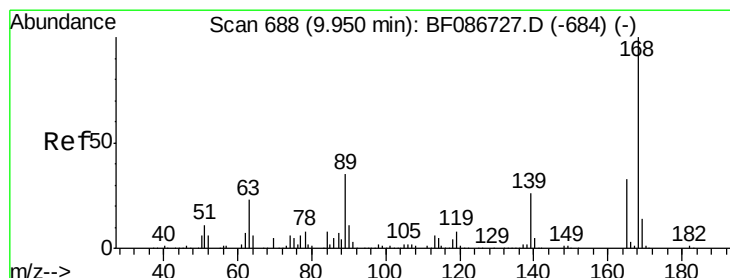
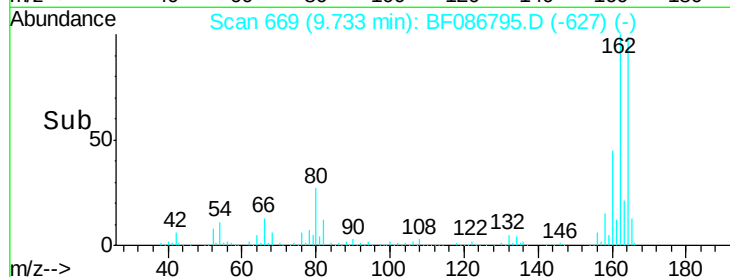
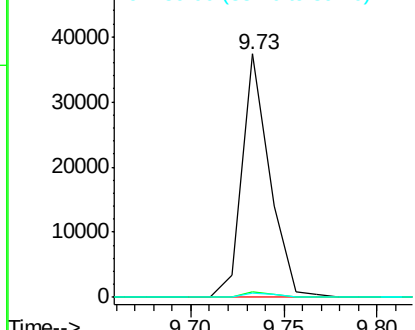
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	1.8	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

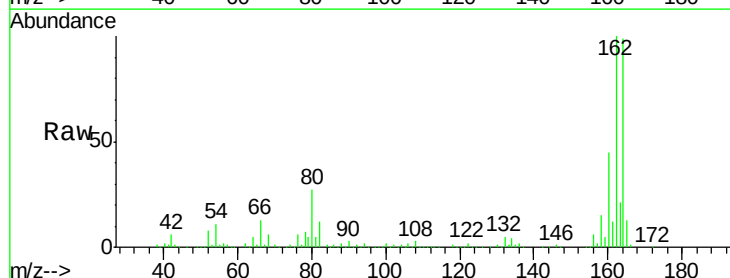
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

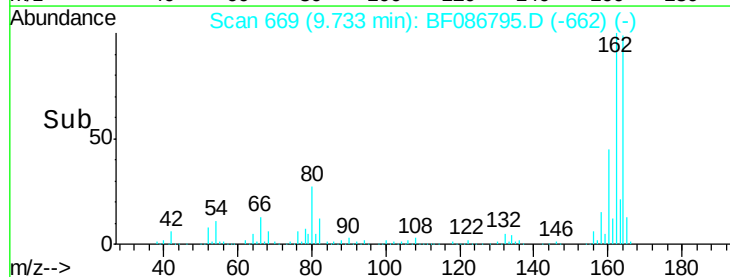
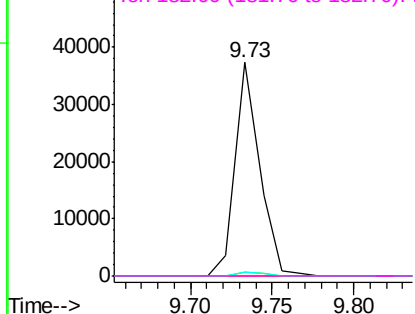


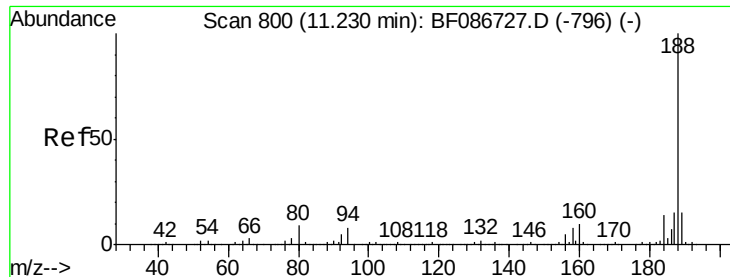
Abundance Ion 165.00 (164.70 to 165.70): E

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

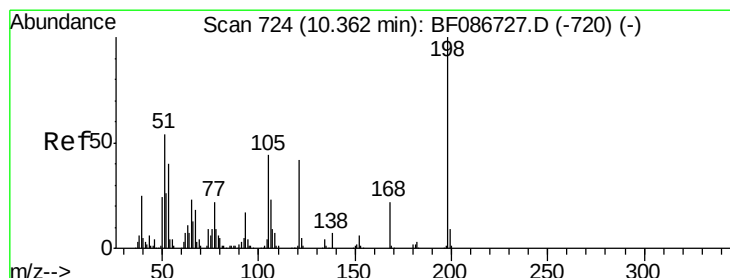
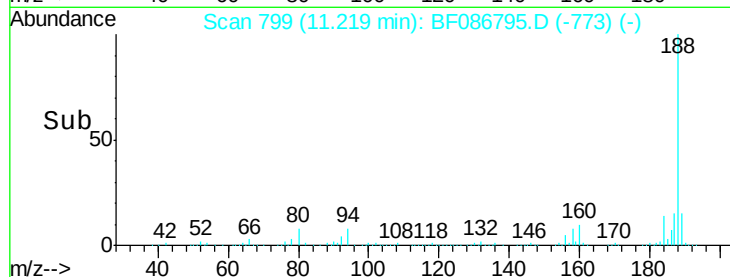
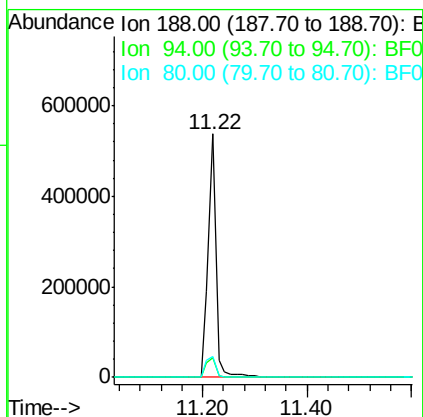
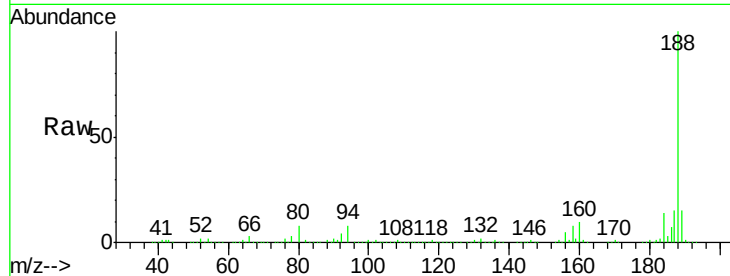




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

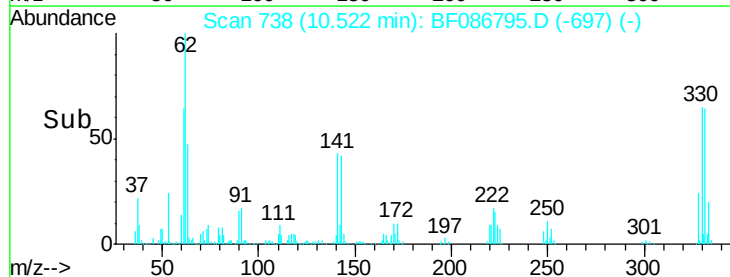
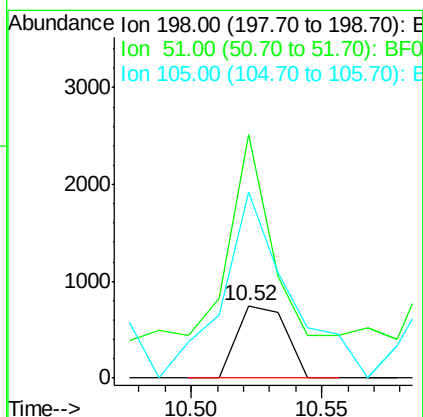
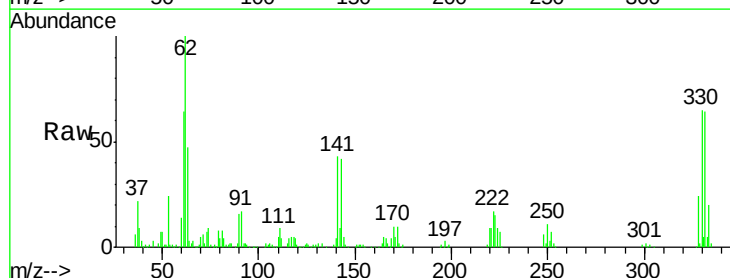
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-9

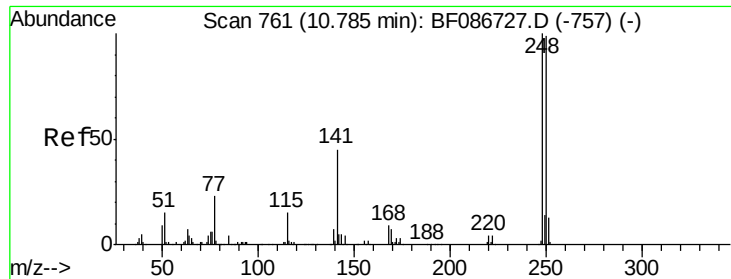
Tgt Ion:188 Resp: 560902
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 8.4 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.60 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.17 min
 Lab File: BF086795.D
 Acq: 8 May 2016 1:24

Tgt Ion:198 Resp: 977
 Ion Ratio Lower Upper
 198 100
 51 336.2 20.5 60.5#
 105 257.6 24.5 64.5#

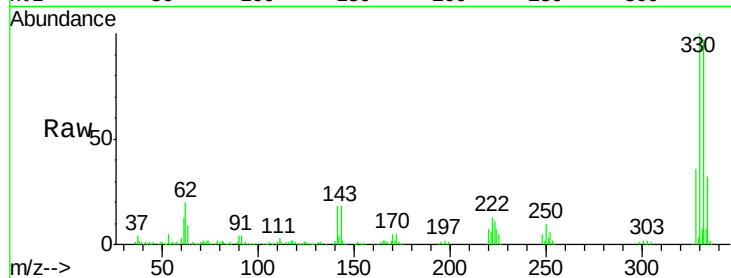




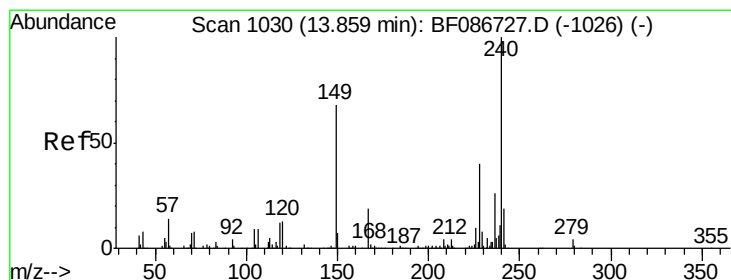
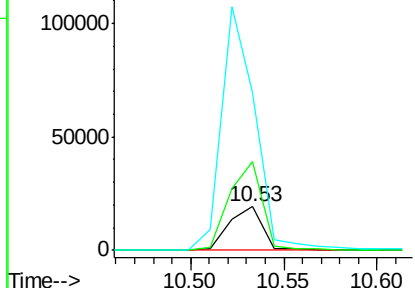
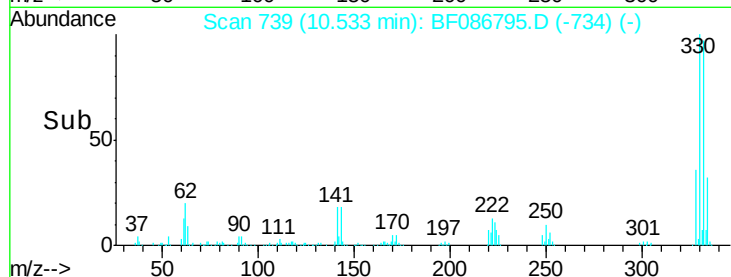
#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

Instrument :
BNA_F
ClientSampleId :
MWHR2-9

Tgt Ion:248 Resp: 24391
Ion Ratio Lower Upper
248 100
250 202.0 78.6 117.8#
141 359.9 76.0 114.0#

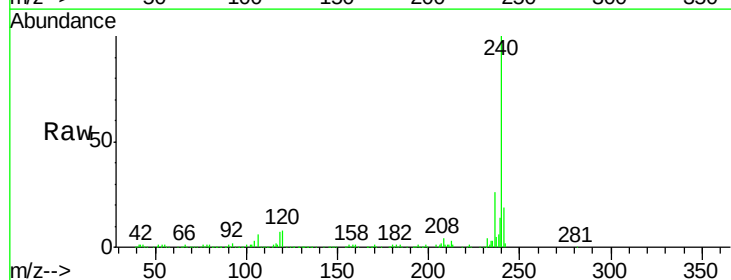


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

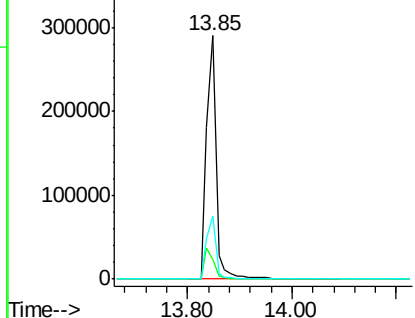
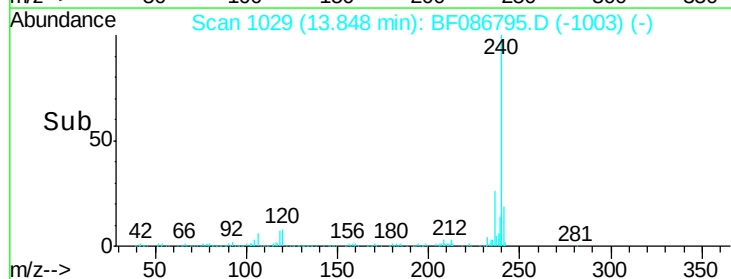


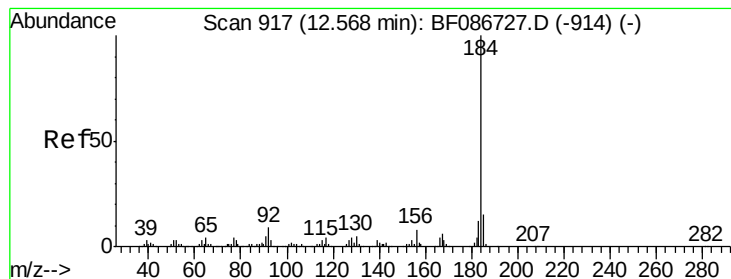
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086795.D
Acq: 8 May 2016 1:24

Tgt Ion:240 Resp: 370919
Ion Ratio Lower Upper
240 100
120 8.0 11.2 16.8#
236 25.8 21.2 31.8



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: 9.09 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.24 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

Instrument :

BNA_F

ClientSampleId :

MWHR2-9

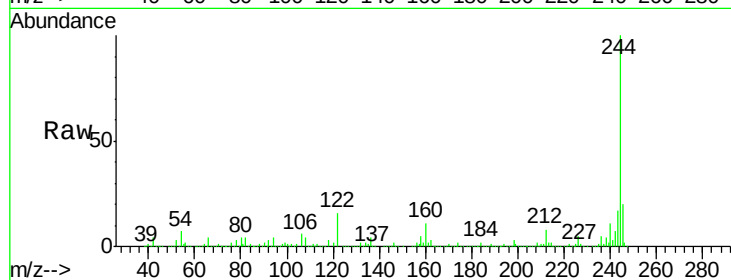
Tgt Ion:184 Resp: 23761

Ion Ratio Lower Upper

184 100

185 16.6 13.6 20.4

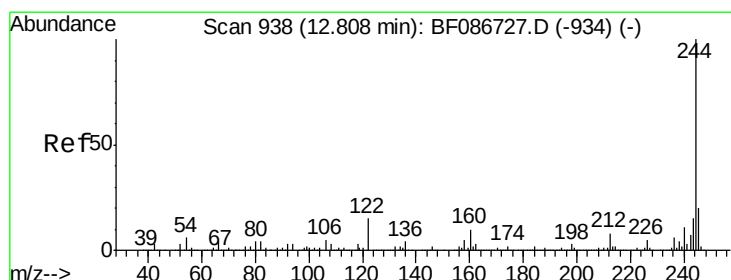
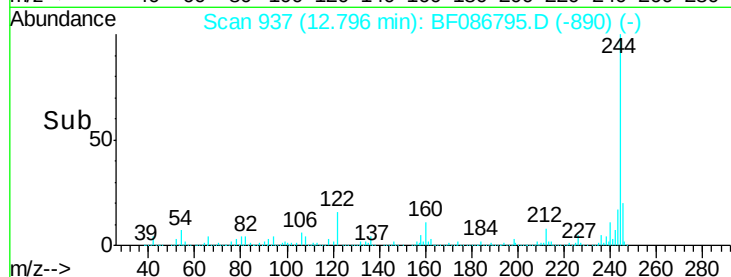
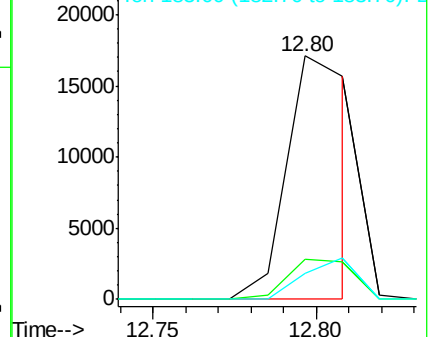
183 10.6 9.8 14.6



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: 84.46 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

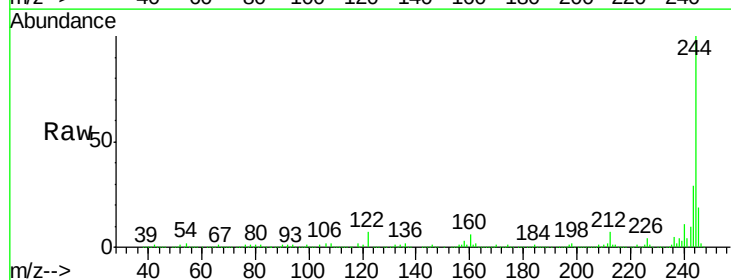
Tgt Ion:244 Resp: 1550026

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

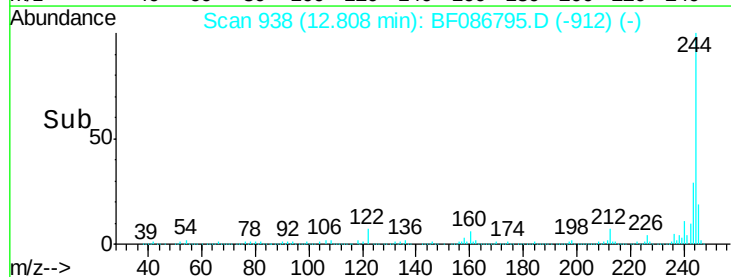
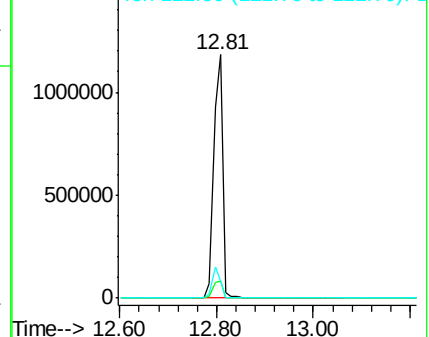
122 7.3 12.0 18.0#

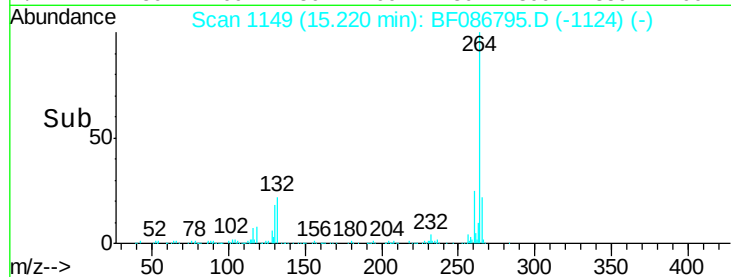
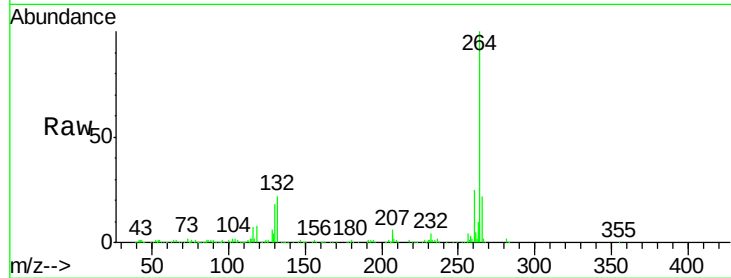
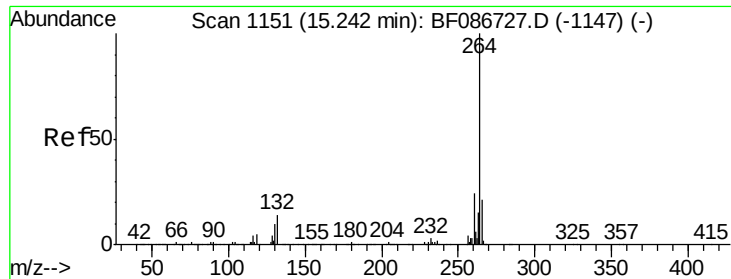


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF086795.D

Acq: 8 May 2016 1:24

Instrument :

BNA_F

ClientSampleId :

MWHR2-9

Tgt Ion: 264 Resp: 284828

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.0 17.3 25.9

