

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087046.D
 Acq On : 15 May 2016 3:56
 Operator : UM/SJ
 Sample : H3052-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: May 16 04:52:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

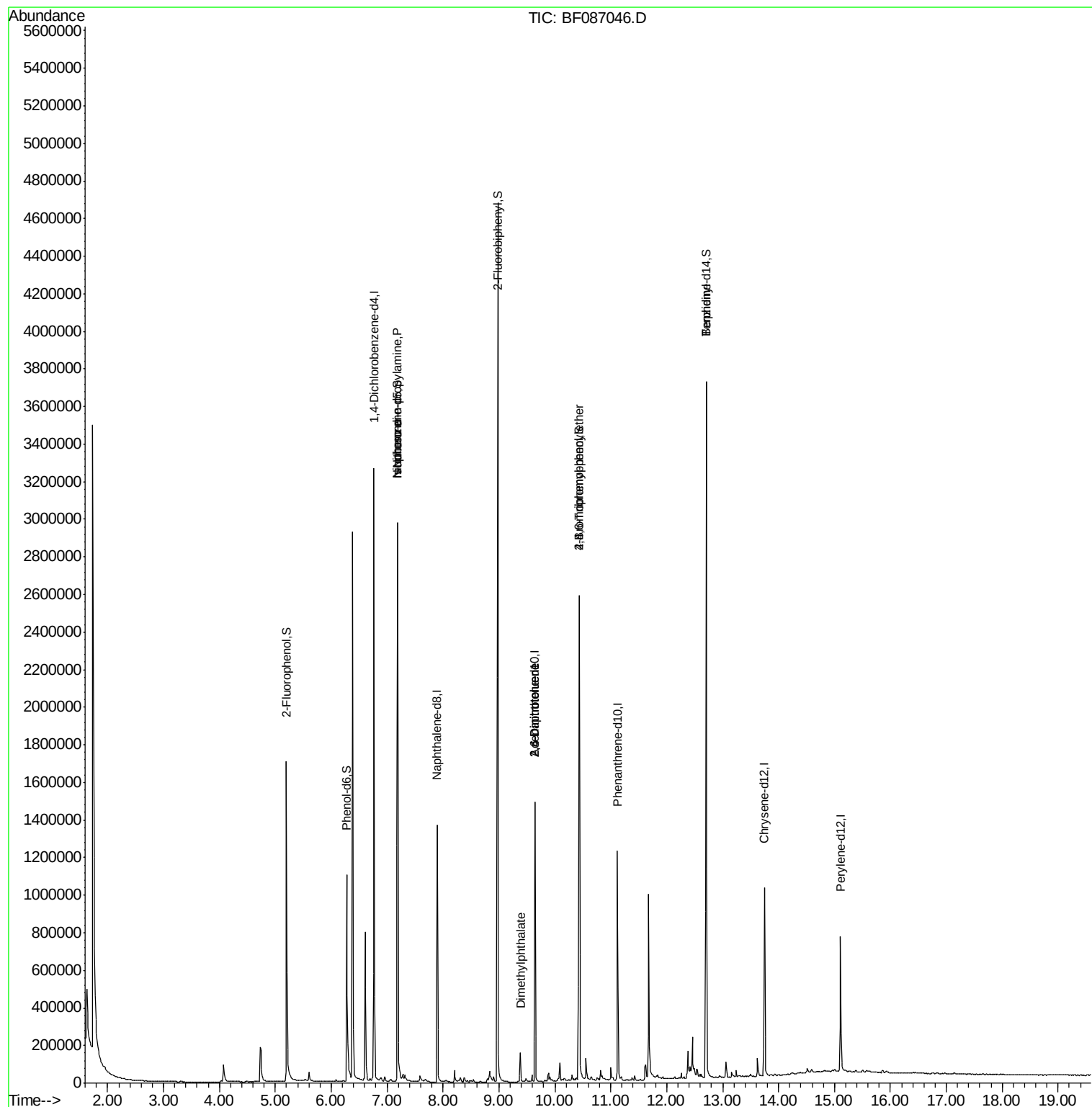
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	424331	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	579568	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	273242	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	478956	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	336951	20.00	ng	-0.09
86) Perylene-d12	15.11	264	303122	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	476967	19.04	ng	-0.09
7) Phenol-d6	6.27	99	422920	12.63	ng	-0.09
23) Nitrobenzene-d5	7.19	82	1003885	86.97	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	296359	102.45	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1550853	95.39	ng	-0.08
78) Terphenyl-d14	12.71	244	1230695	77.49	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	142288	6.08	ng	# 74
25) Isophorone	7.19	82	987136	46.09	ng	# 68
49) Dimethylphthalate	9.38	163	59349	2.85	ng	99
50) 2,6-Dinitrotoluene	9.64	165	35600	8.11	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	35602	6.56	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	18026	3.71	ng	# 1
76) Benzydine	12.71	184	18999	2.21	ng	99

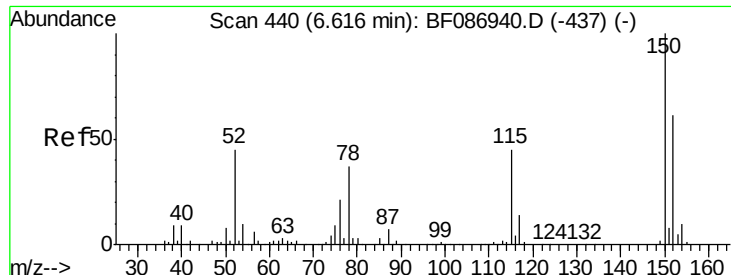
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

Instrument :

BNA_F

ClientSampled :

MW-24

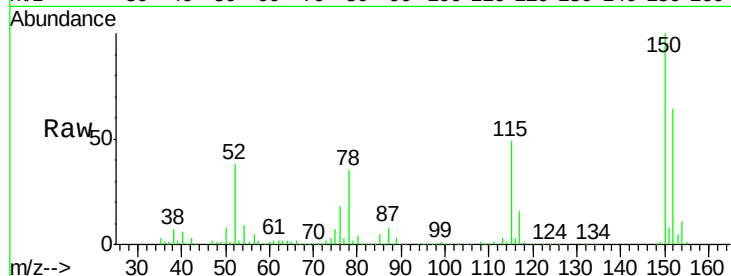
Tgt Ion:152 Resp: 424331

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

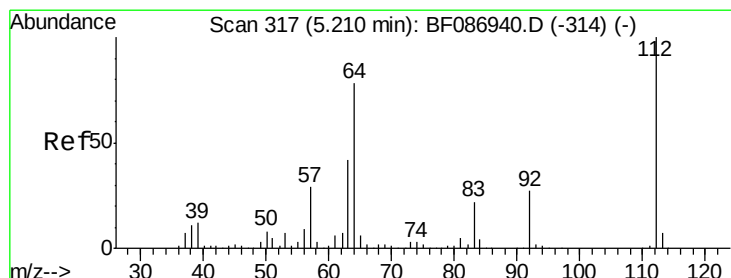
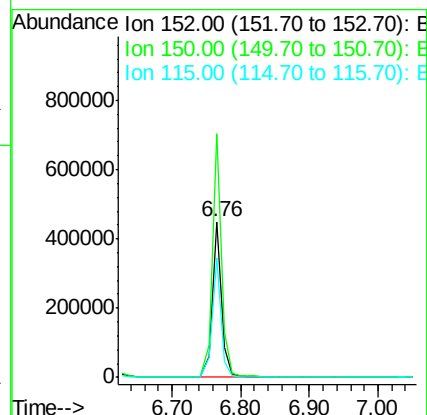
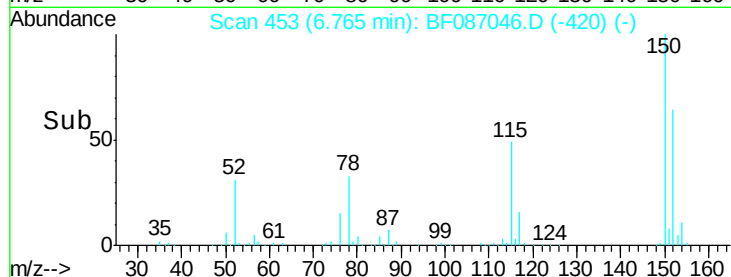
115 77.1 51.5 77.3



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: 19.04 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

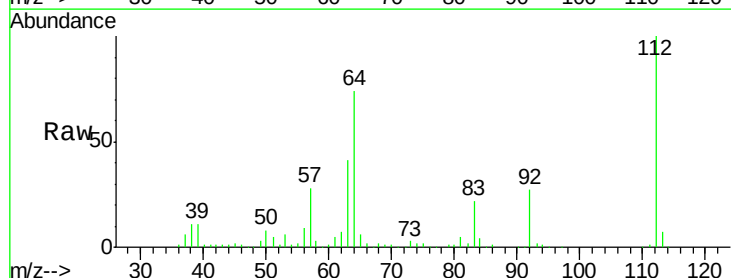
Tgt Ion:112 Resp: 476967

Ion Ratio Lower Upper

112 100

64 74.1 52.1 78.1

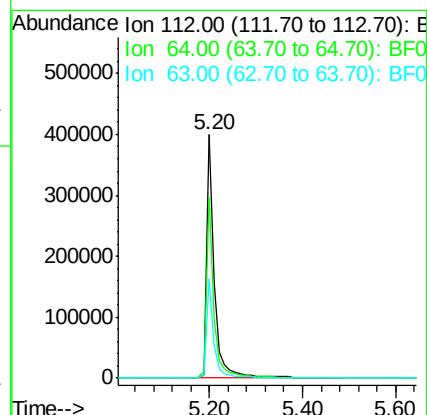
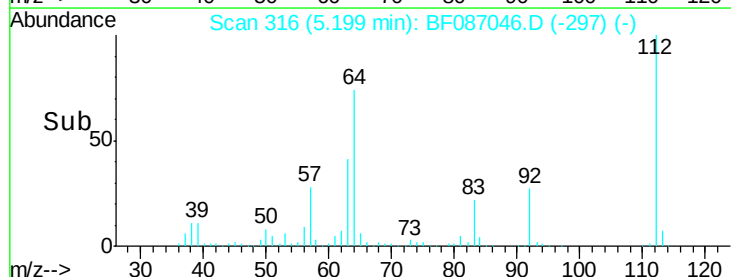
63 40.8 25.7 38.5#

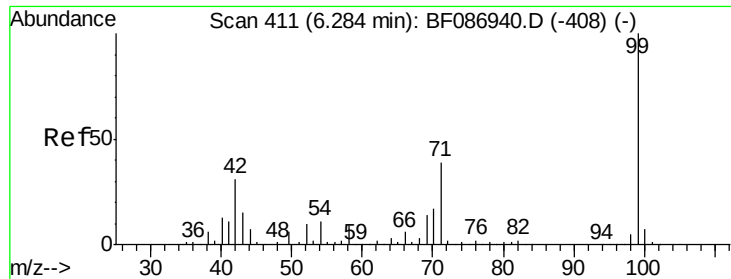


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.63 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

Instrument :

BNA_F

ClientSampled :

MW-24

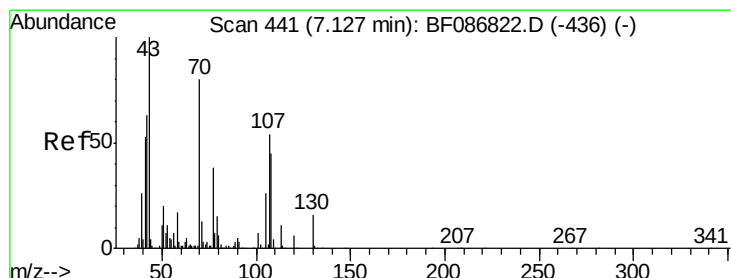
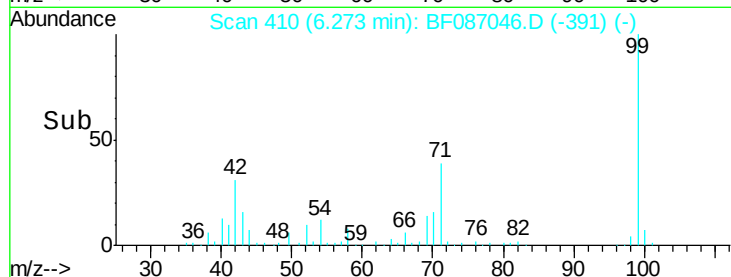
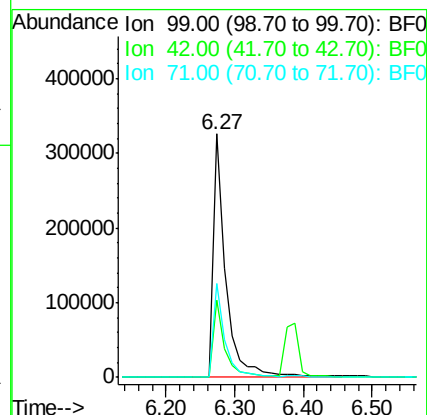
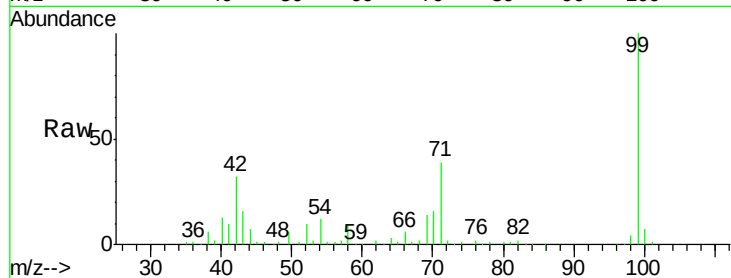
Tgt Ion: 99 Resp: 422920

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

71 38.8 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 6.08 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

Tgt Ion: 70 Resp: 142288

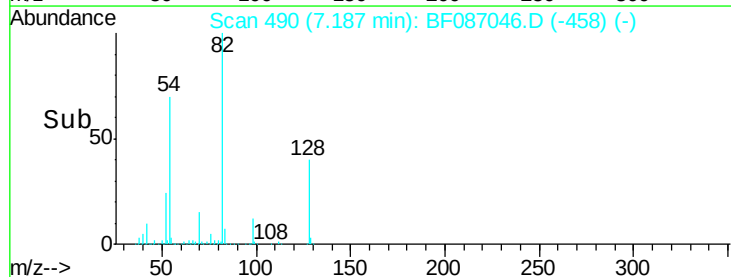
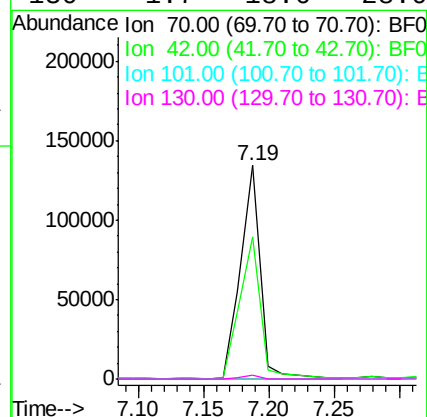
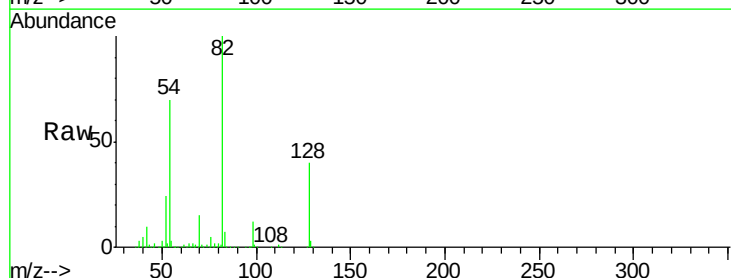
Ion Ratio Lower Upper

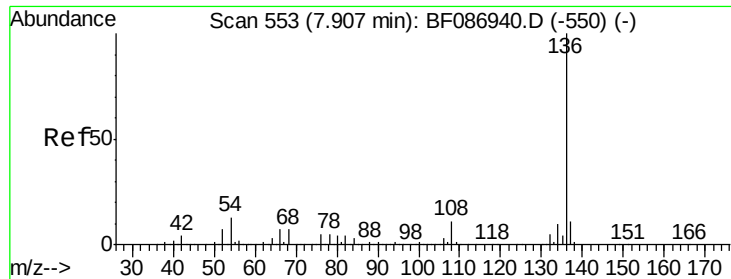
70 100

42 66.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

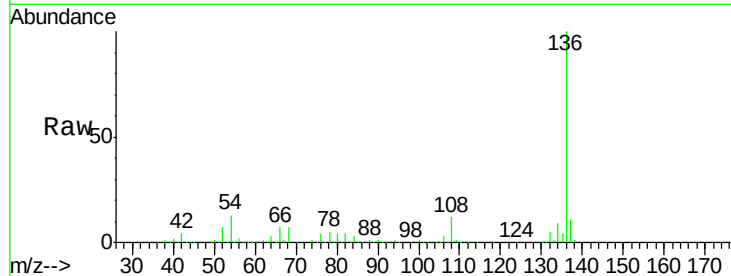




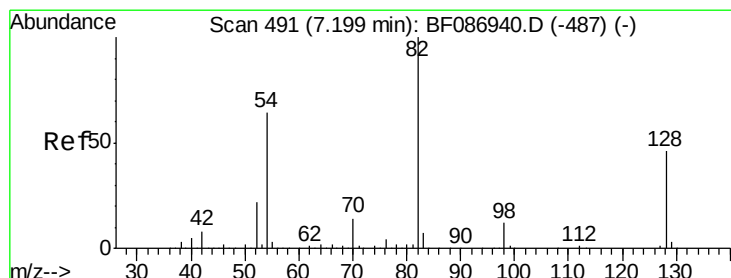
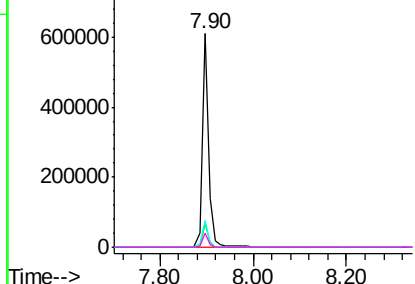
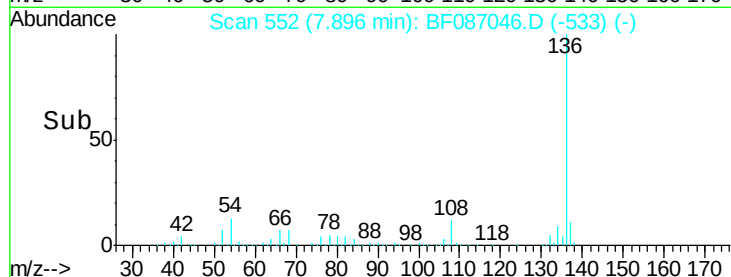
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

Instrument :
BNA_F
ClientSampled :
MW-24

Tgt Ion:	136	Resp:	579568
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.8	5.0	7.4#
68	6.5	4.4	6.6

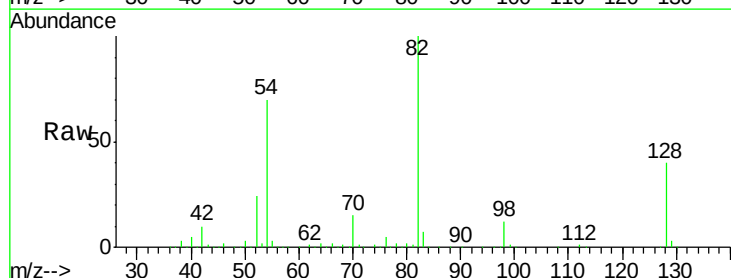


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

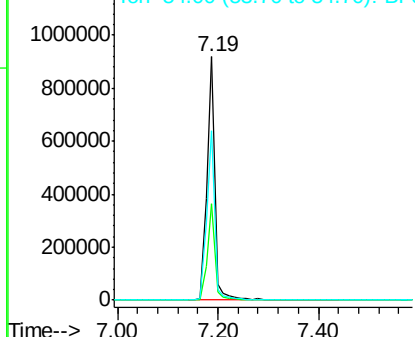
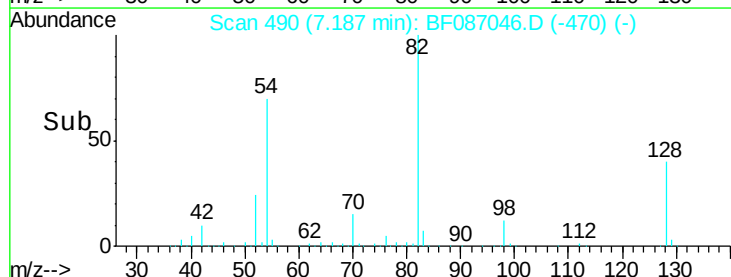


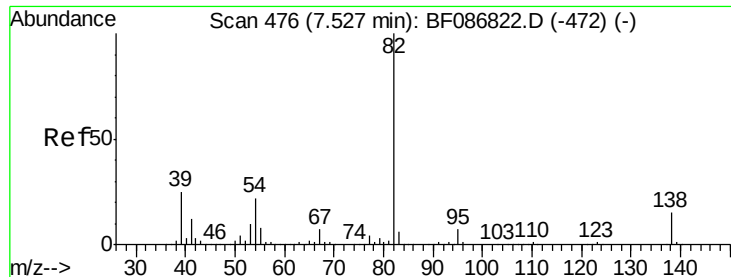
#23
Nitrobenzene-d5
Concen: 86.97 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

Tgt Ion:	82	Resp:	1003885
Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	69.7	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

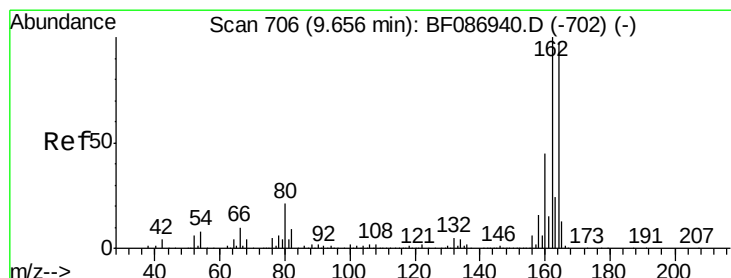
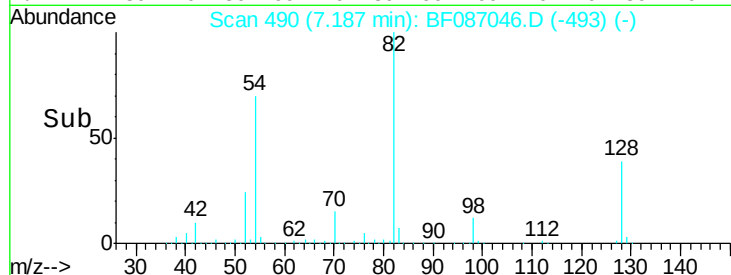
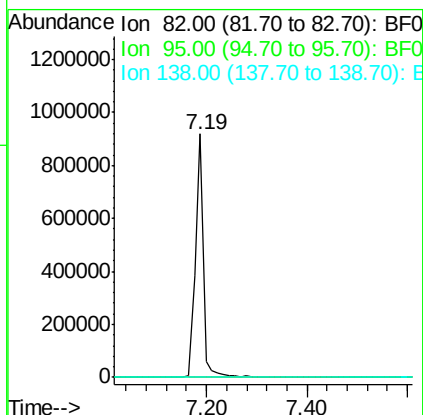
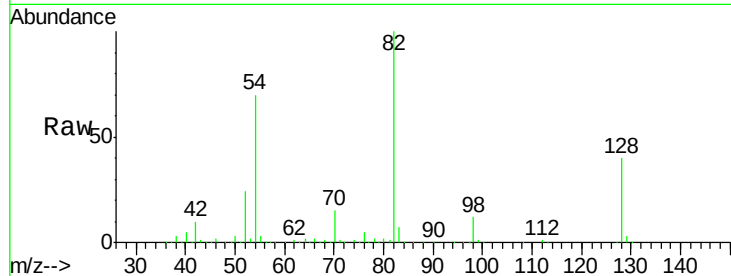




#25
Isophorone
Concen: 46.09 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

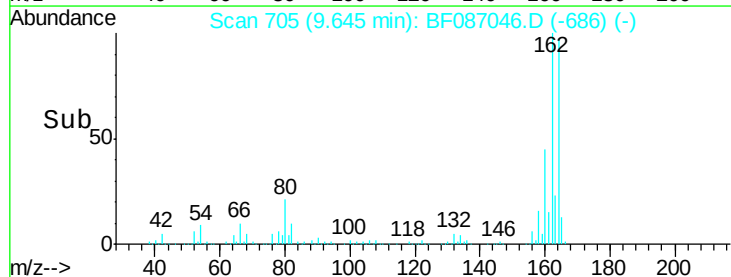
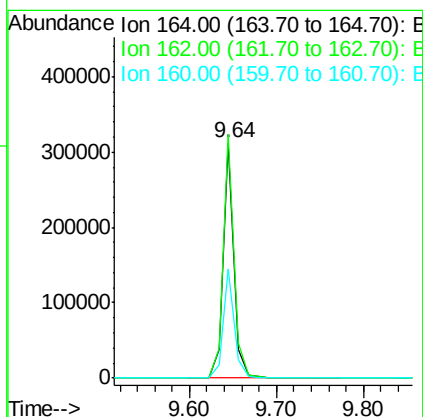
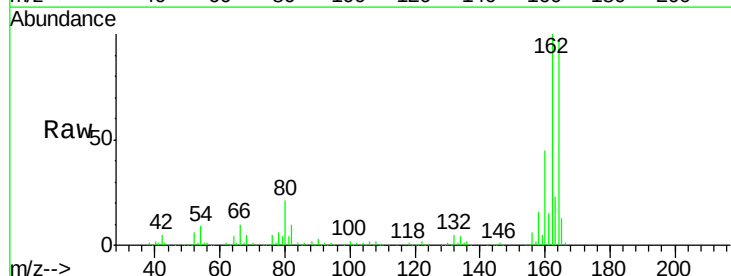
Instrument :
BNA_F
ClientSampleId :
MW-24

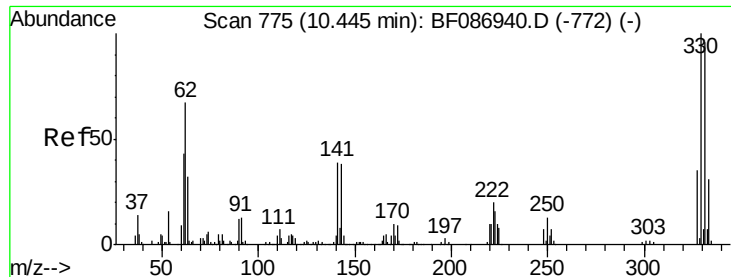
Tgt Ion: 82 Resp: 987136
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

Tgt Ion: 164 Resp: 273242
Ion Ratio Lower Upper
164 100
162 103.6 82.8 124.2
160 46.6 36.9 55.3

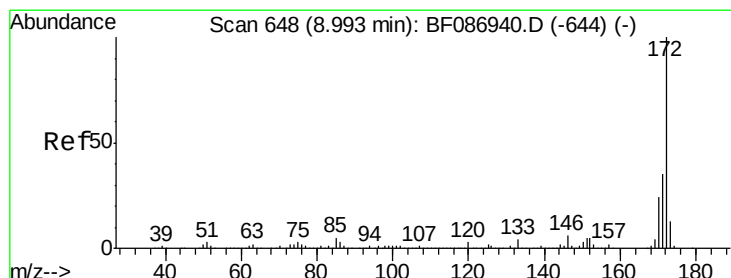
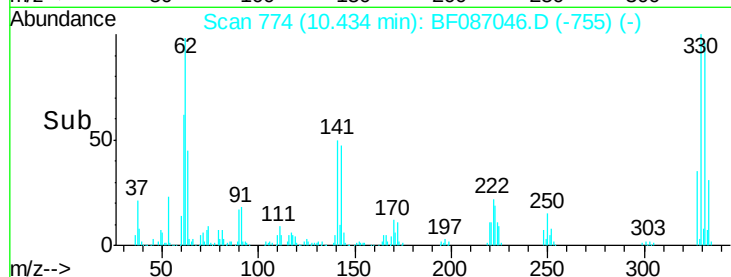
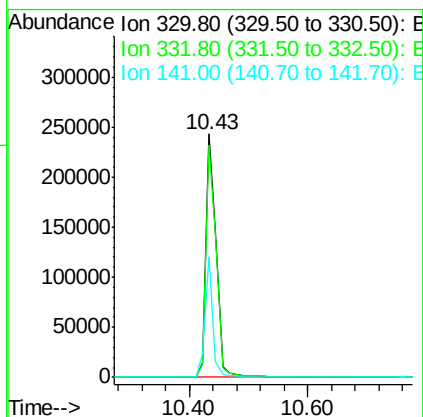
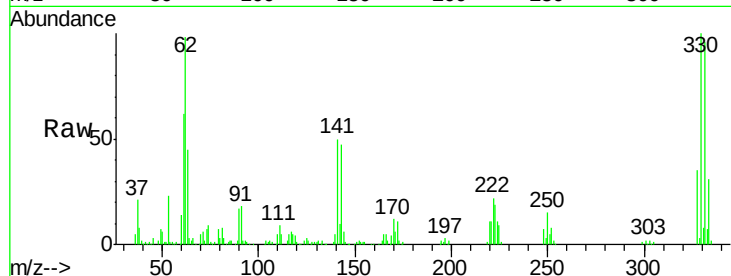




#41
 2,4,6-Tribromophenol
 Concen: 102.45 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

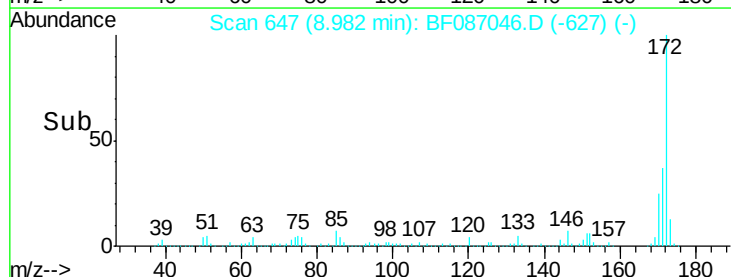
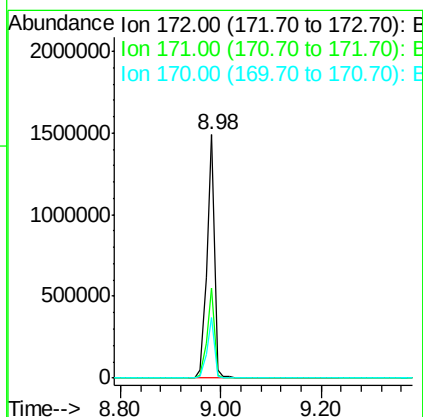
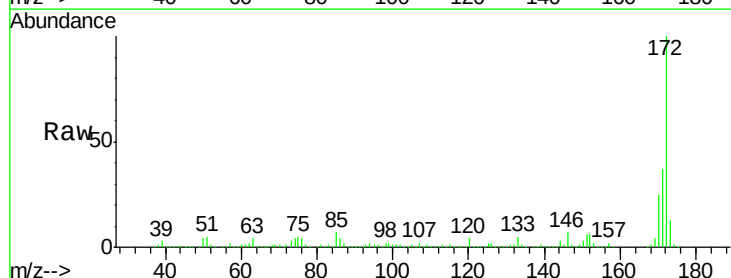
Instrument :
 BNA_F
 ClientSampleId :
 MW-24

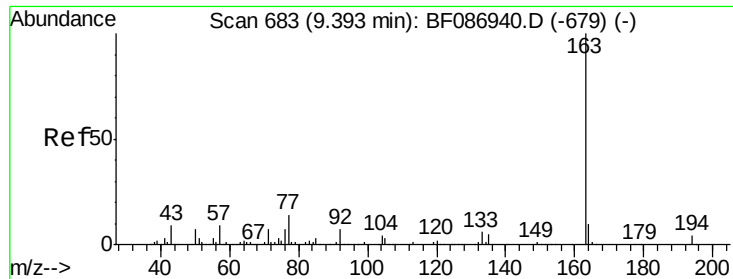
Tgt Ion:330 Resp: 296359
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 39.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 95.39 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

Tgt Ion:172 Resp: 1550853
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.8 19.8 29.8





#49

Dimethylphthalate

Concen: 2.85 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

MW-24

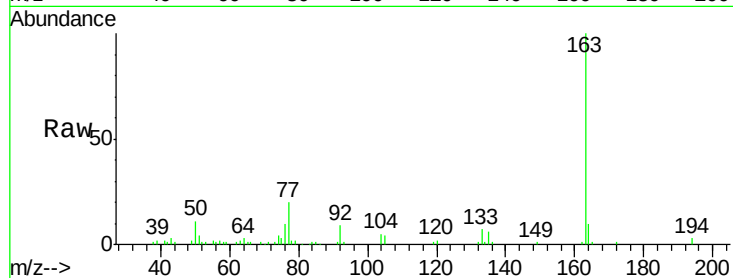
Tgt Ion:163 Resp: 59349

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

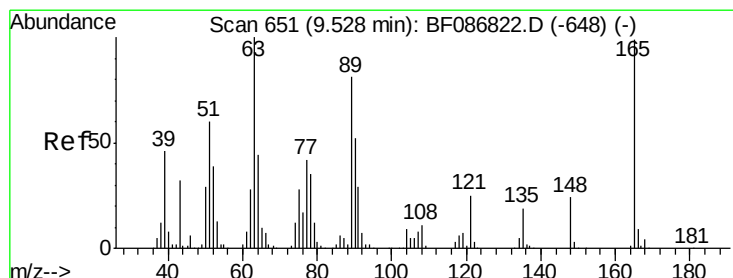
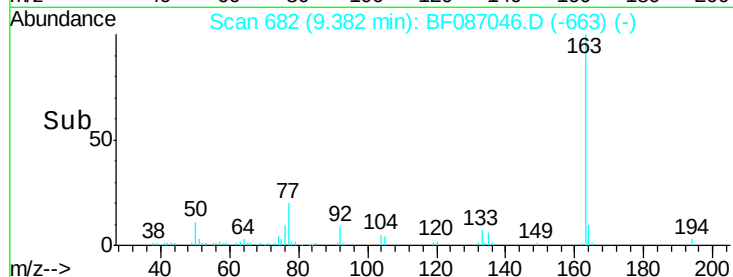
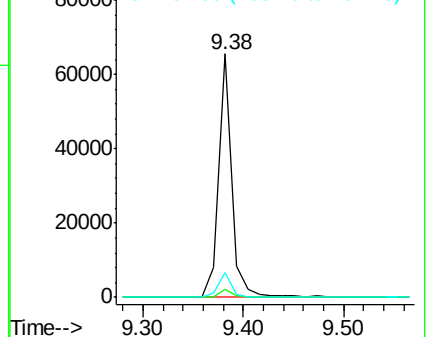
164 10.0 8.2 12.4



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: 8.11 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.12 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

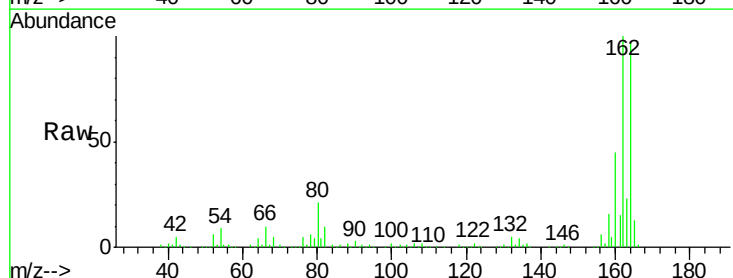
Tgt Ion:165 Resp: 35600

Ion Ratio Lower Upper

165 100

63 2.1 51.8 77.8#

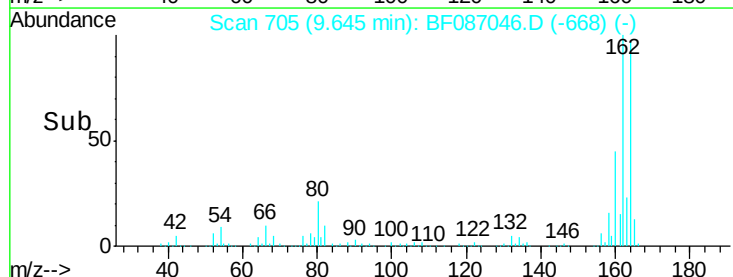
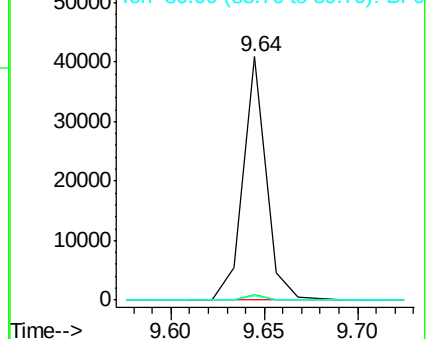
89 1.9 50.7 76.1#

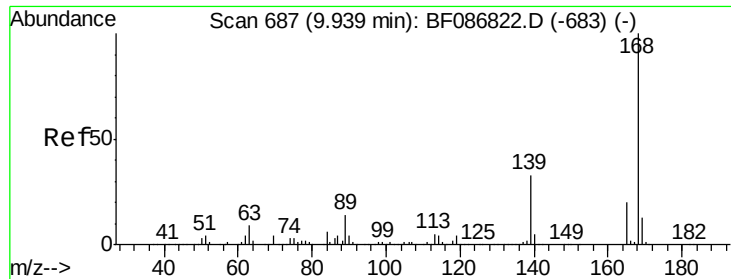


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

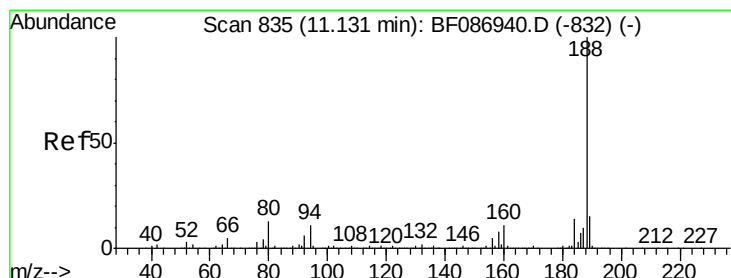
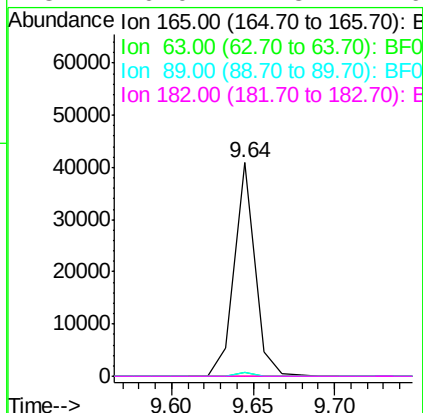
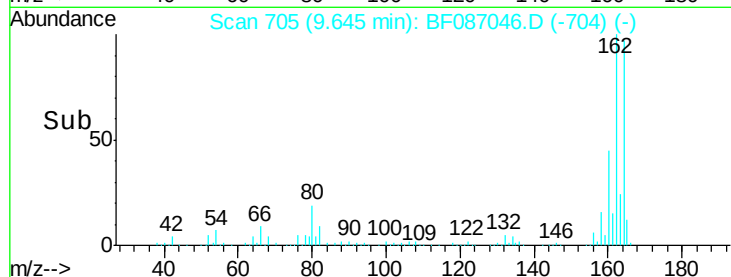
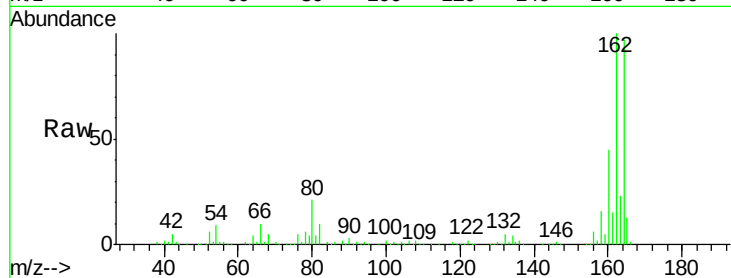




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

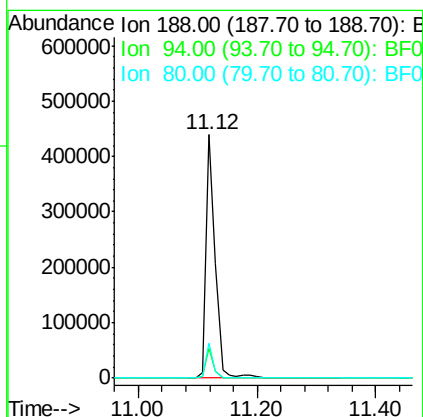
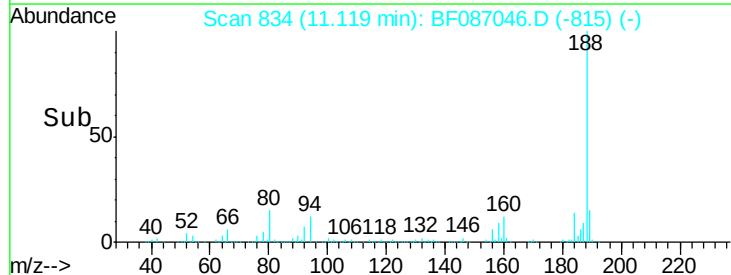
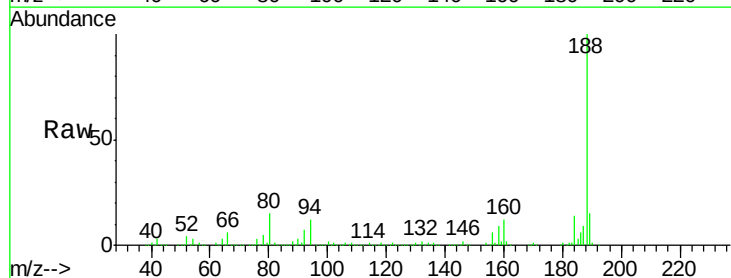
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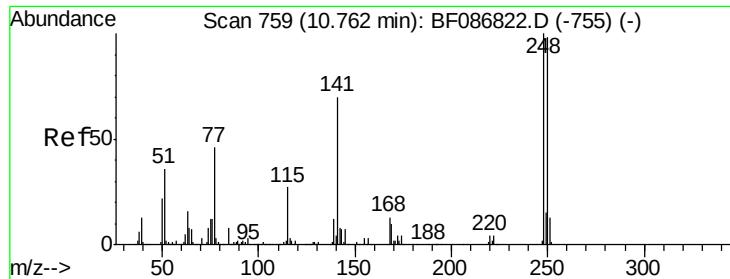
Tgt Ion:165 Resp: 35602
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.09 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

Tgt Ion:188 Resp: 478956
 Ion Ratio Lower Upper
 188 100
 94 12.2 6.8 10.2#
 80 14.5 7.1 10.7#

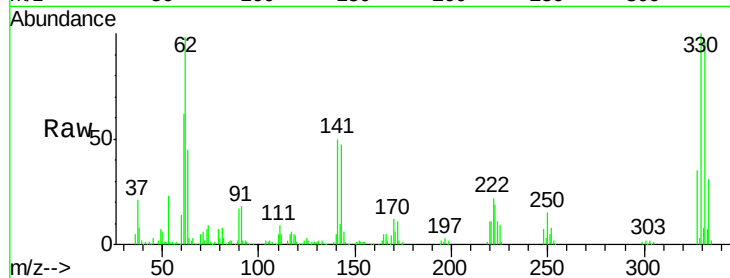




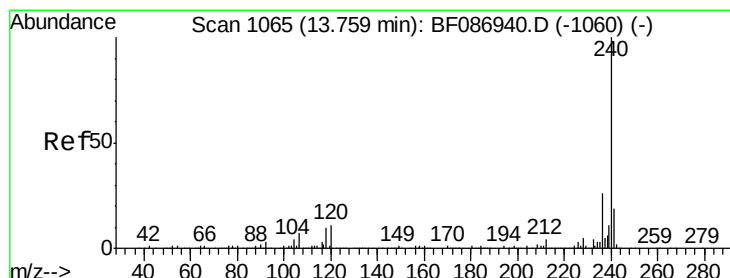
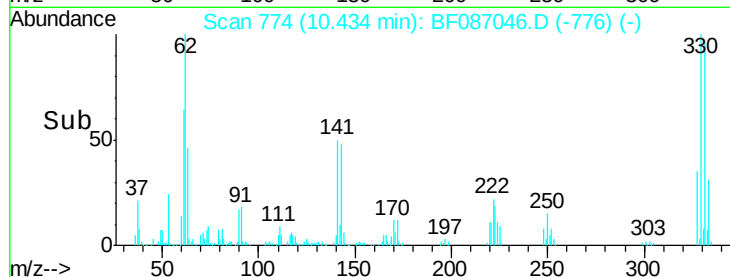
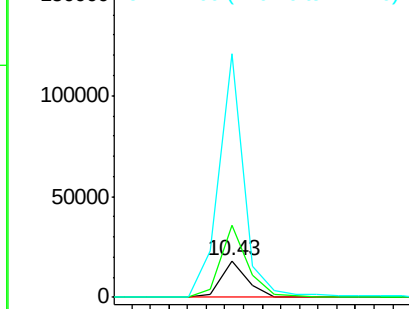
#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.33 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:248 Resp: 18026
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.6 117.8#
 141 661.8 76.0 114.0#

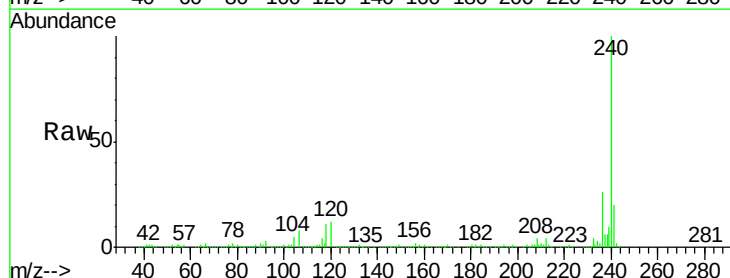


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

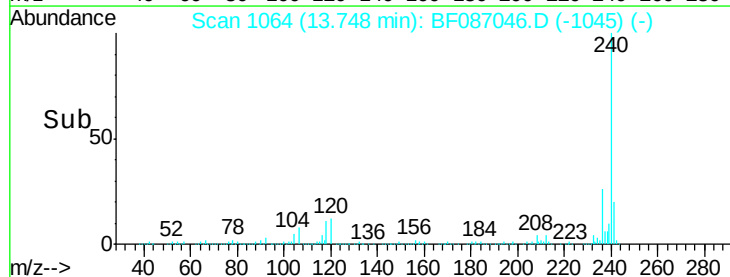
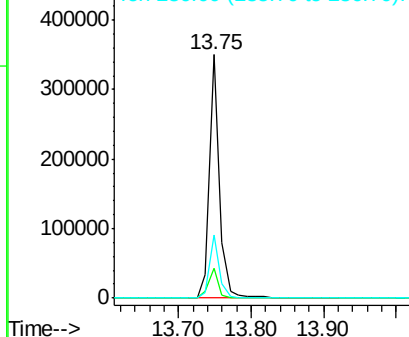


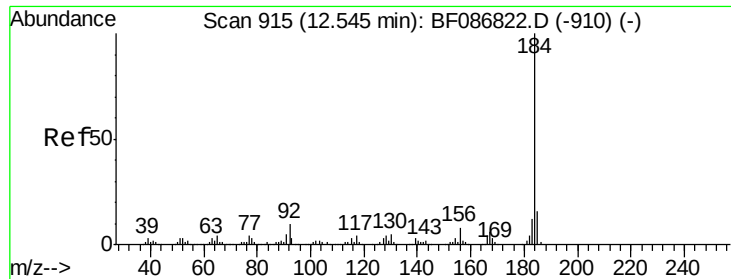
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.09 min
 Lab File: BF087046.D
 Acq: 15 May 2016 3:56

Tgt Ion:240 Resp: 336951
 Ion Ratio Lower Upper
 240 100
 120 12.2 11.2 16.8
 236 26.1 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

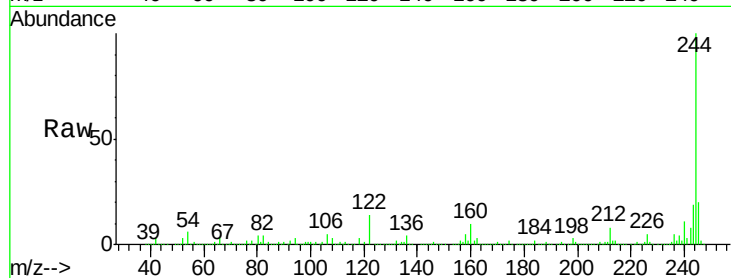




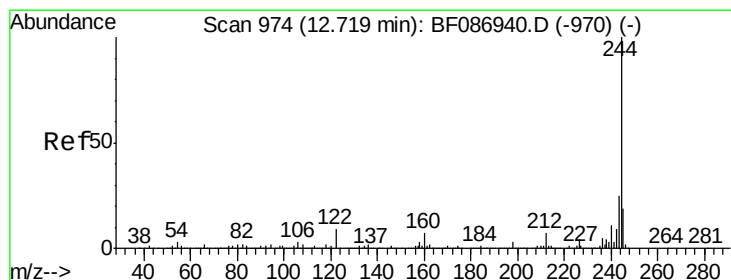
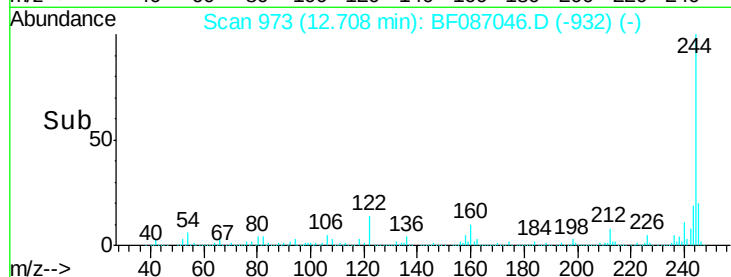
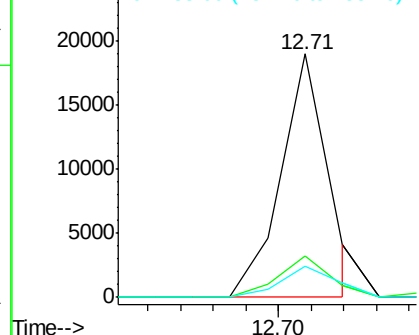
#76
Benzidine
Concen: 2.21 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.16 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:184 Resp: 18999
Ion Ratio Lower Upper
184 100
185 17.2 13.6 20.4
183 12.7 9.8 14.6

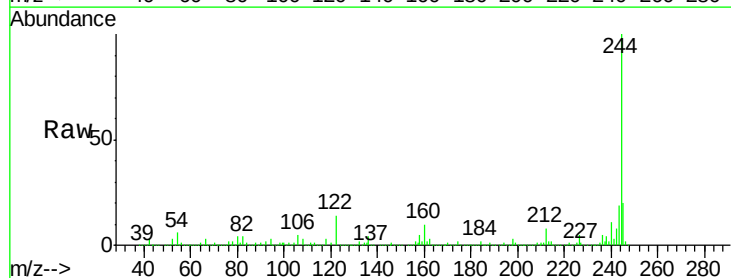


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

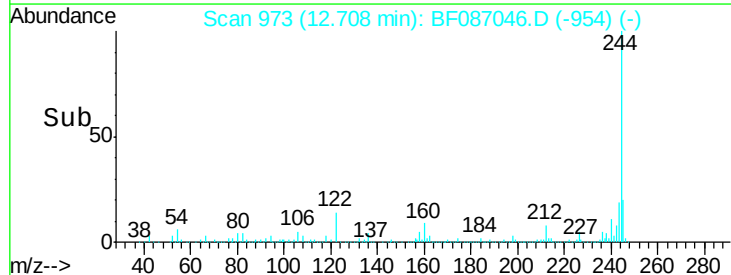
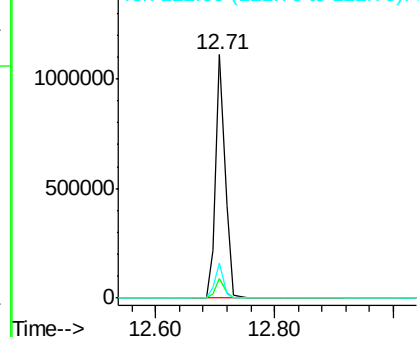


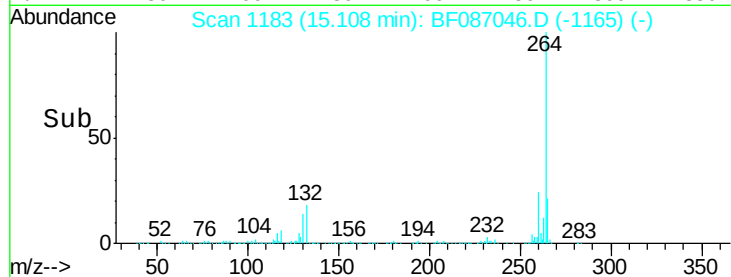
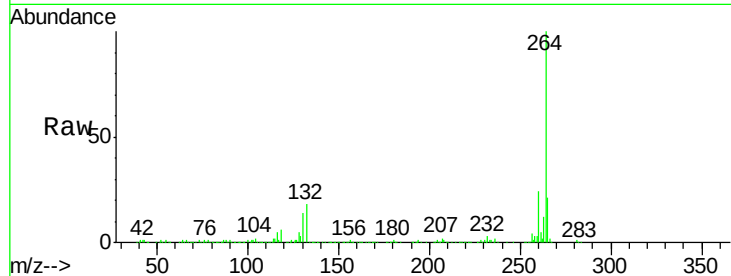
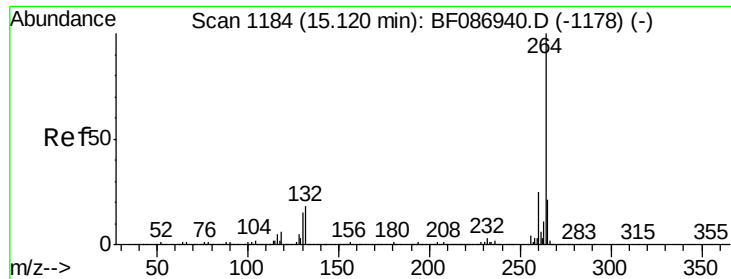
#78
Terphenyl-d14
Concen: 77.49 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087046.D
Acq: 15 May 2016 3:56

Tgt Ion:244 Resp: 1230695
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 14.3 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: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087046.D

Acq: 15 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

MW-24

Tgt Ion: 264 Resp: 303122

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.2 17.3 25.9

