

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087047.D
 Acq On : 15 May 2016 4:24
 Operator : UM/SJ
 Sample : H3052-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: May 16 04:53:03 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

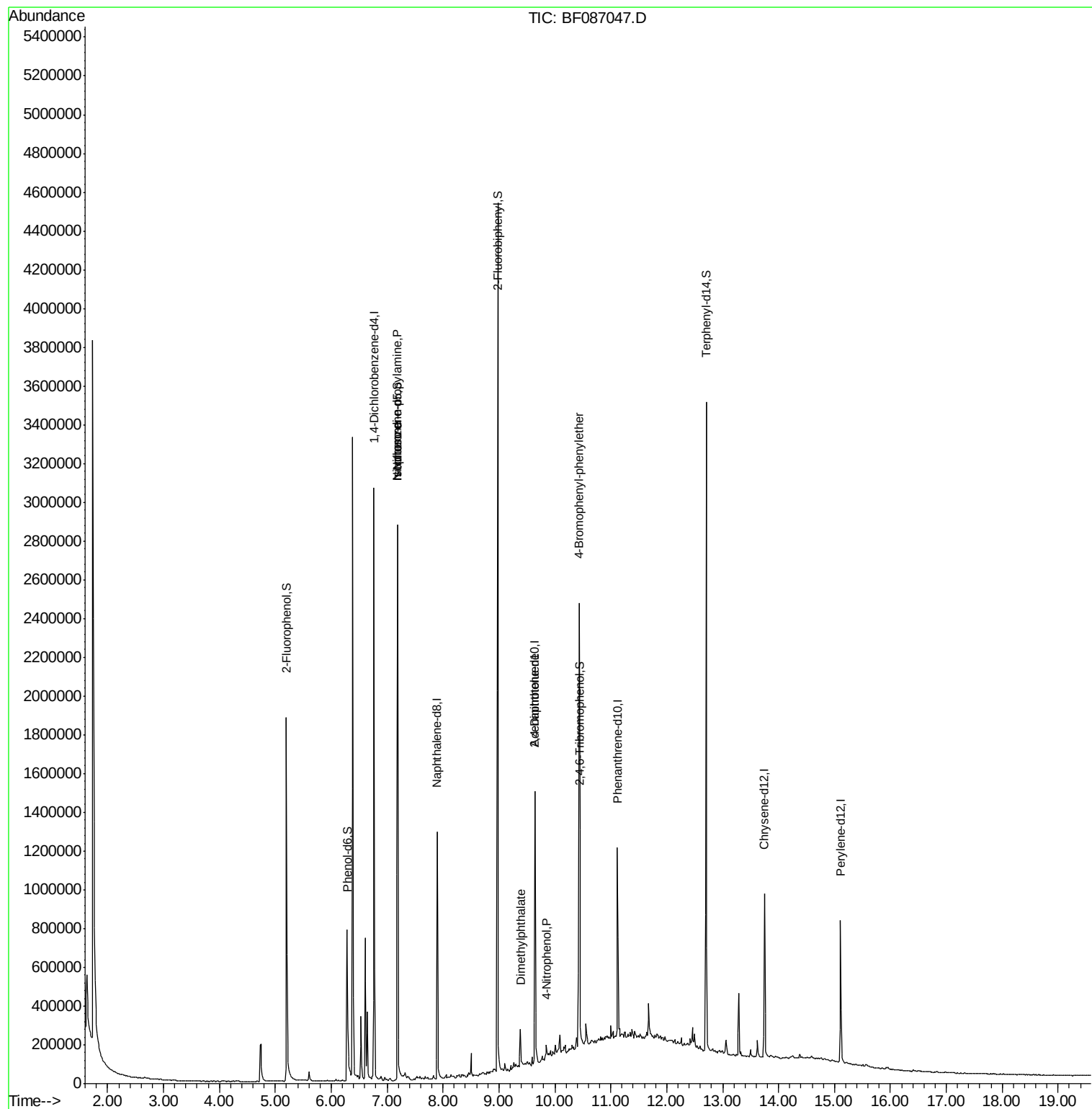
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	404072	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	539374	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	269229	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	417667	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	295593	20.00	ng	-0.09
86) Perylene-d12	15.11	264	303756	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	531526	22.28	ng	-0.09
7) Phenol-d6	6.28	99	456435	14.31	ng	-0.08
23) Nitrobenzene-d5	7.19	82	920948	85.74	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	329330	115.54	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1477097	92.21	ng	-0.08
78) Terphenyl-d14	12.71	244	989954	71.06	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	135026	6.06	ng	# 74
25) Isophorone	7.19	82	895594	44.94	ng	# 68
49) Dimethylphthalate	9.38	163	59414	2.89	ng	100
55) 4-Nitrophenol	9.85	139	2442	5.32	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	36214	6.77	ng	# 17
60) 4-Chlorophenyl-phenylether	10.16	204	502	Below Cal		# 8
66) 4-Bromophenyl-phenylether	10.43	248	19518	4.61	ng	# 1

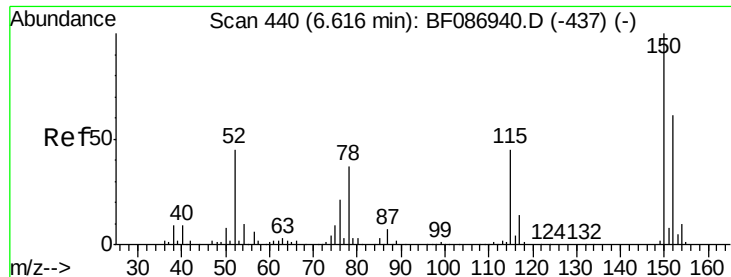
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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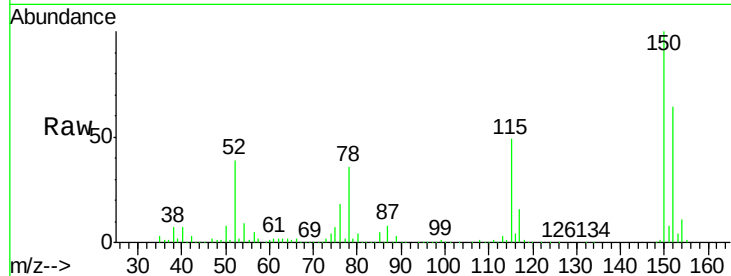


#1

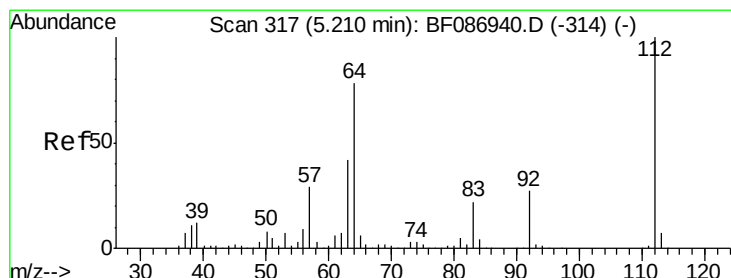
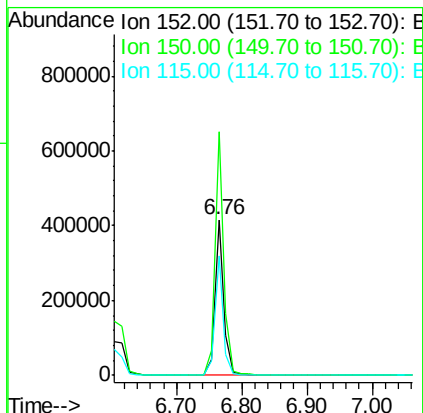
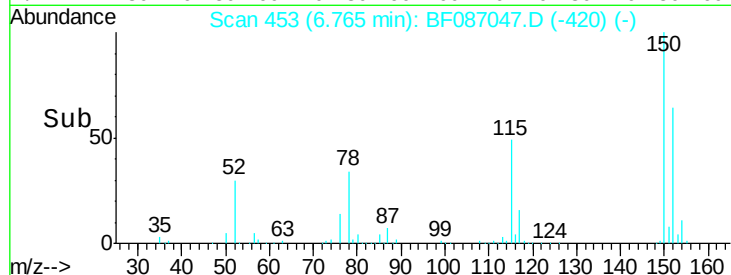
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampled :
MW-12

Tgt Ion:152 Resp: 404072
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 77.1 51.5 77.3



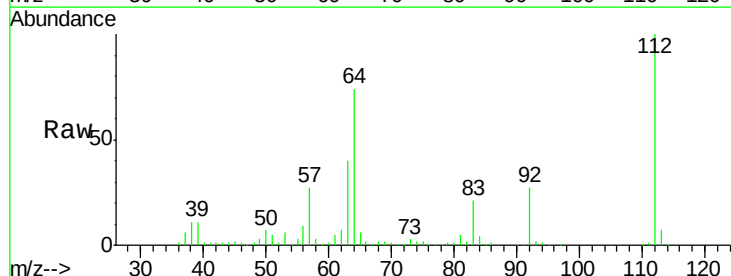
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



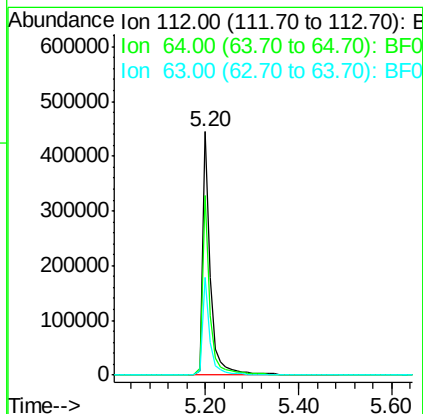
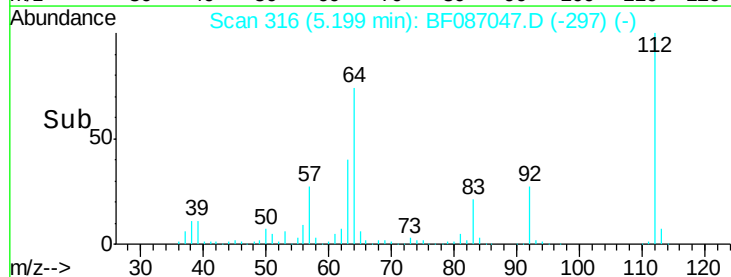
#5

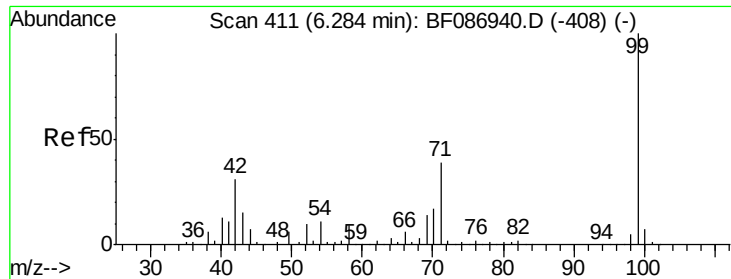
2-Fluorophenol
Concen: 22.28 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:112 Resp: 531526
Ion Ratio Lower Upper
112 100
64 73.5 52.1 78.1
63 40.3 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: 14.31 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

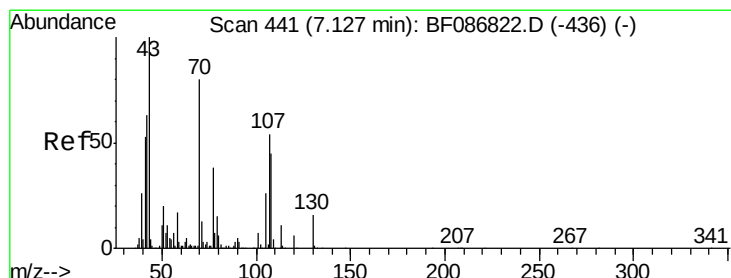
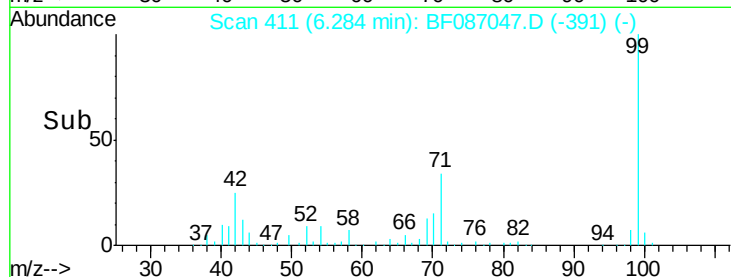
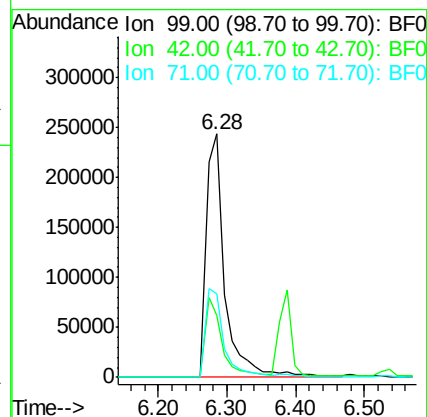
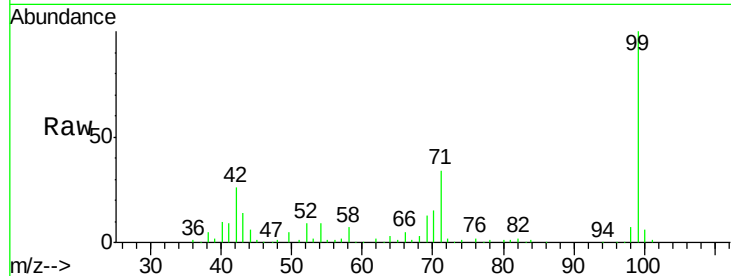
Tgt Ion: 99 Resp: 456435

Ion Ratio Lower Upper

99 100

42 25.6 13.6 20.4#

71 34.2 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 6.06 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Tgt Ion: 70 Resp: 135026

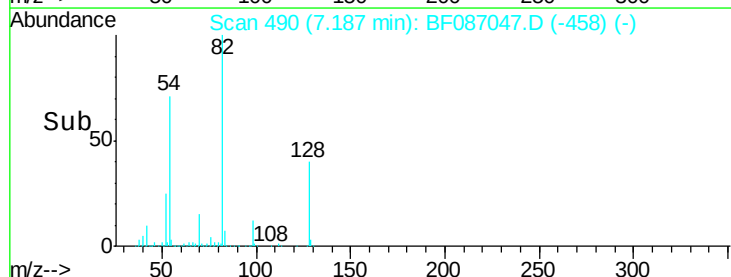
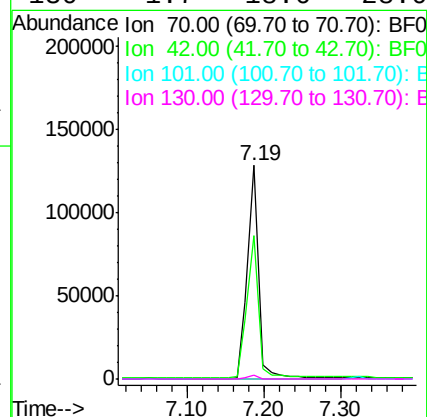
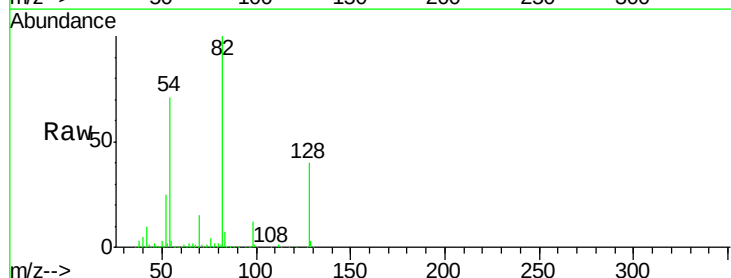
Ion Ratio Lower Upper

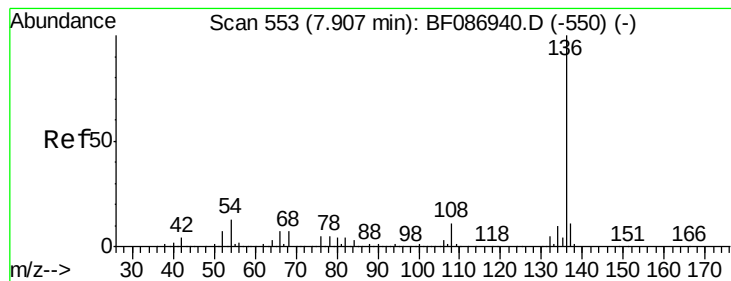
70 100

42 67.0 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: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion: 136 Resp: 539374

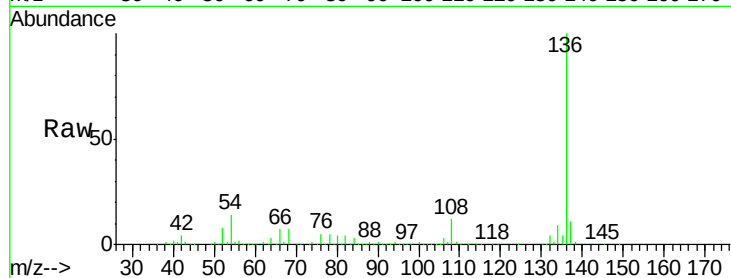
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 13.5 5.0 7.4#

68 7.1 4.4 6.6#

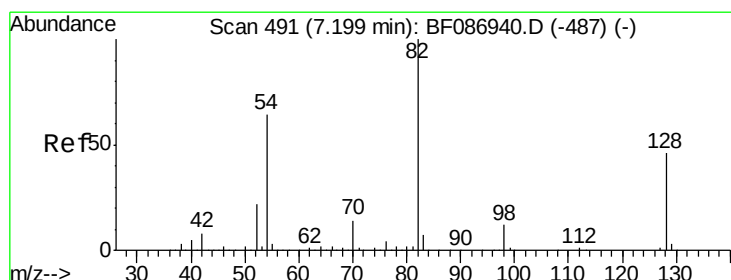
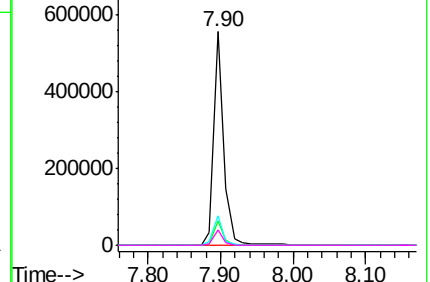
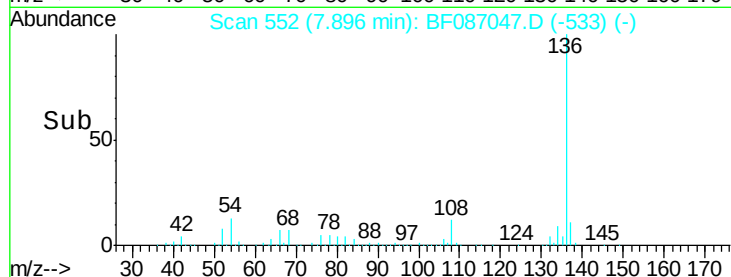


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.74 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

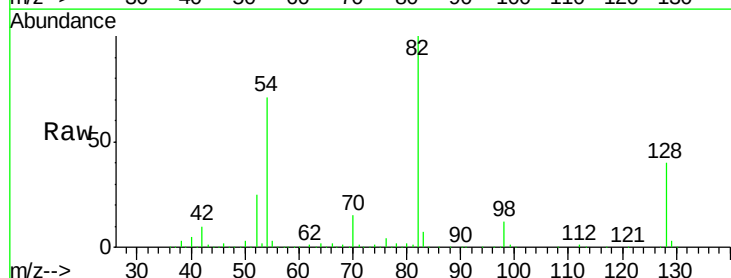
Tgt Ion: 82 Resp: 920948

Ion Ratio Lower Upper

82 100

128 39.6 40.6 61.0#

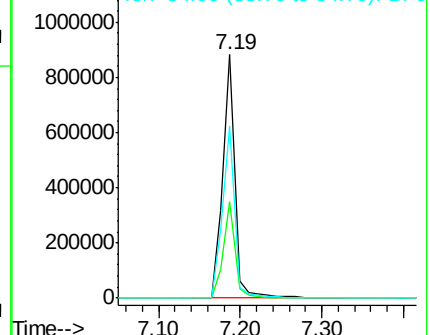
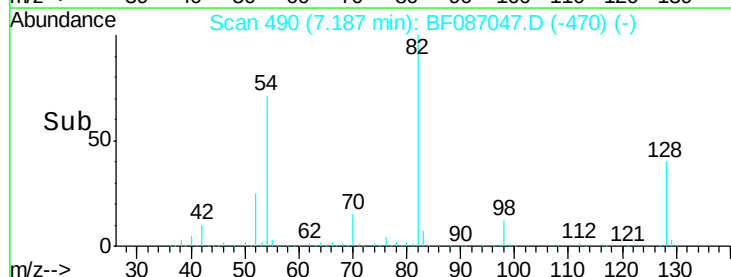
54 70.8 38.1 57.1#

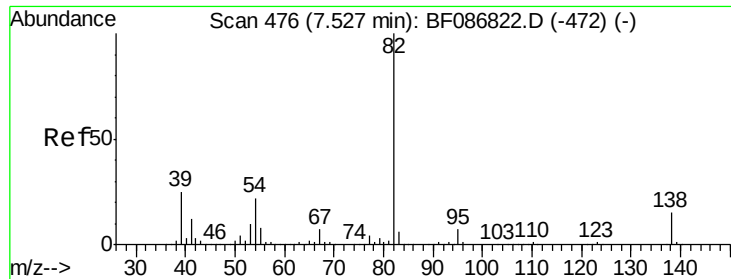


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

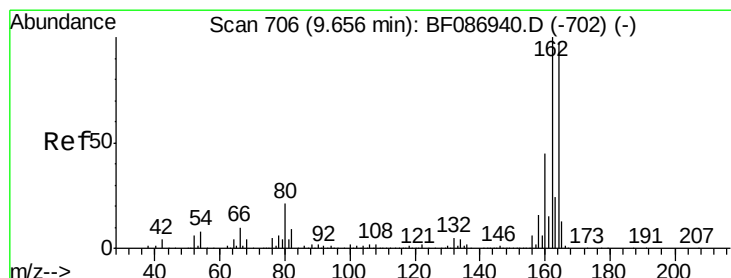
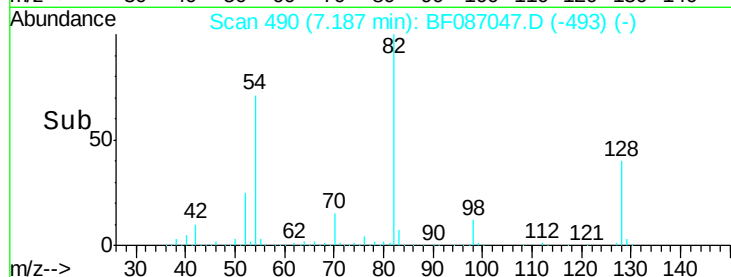
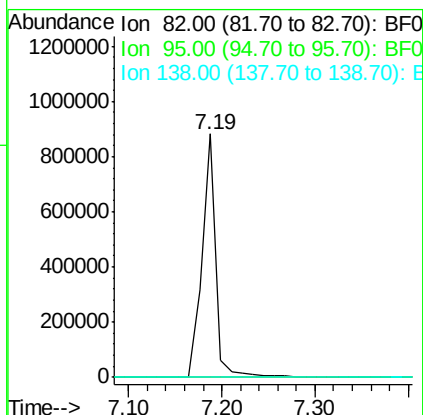
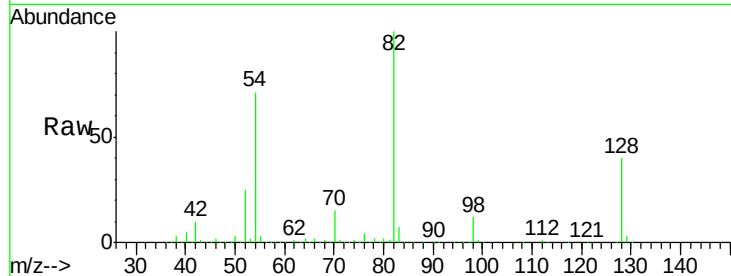




#25
Isophorone
Concen: 44.94 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

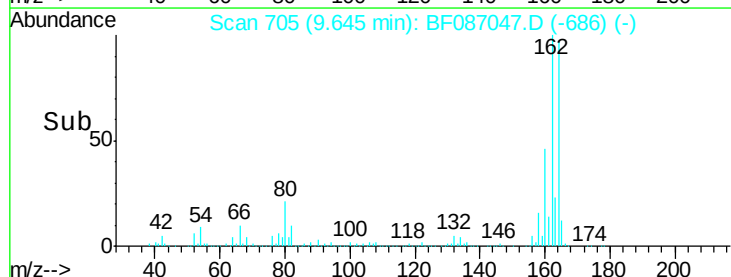
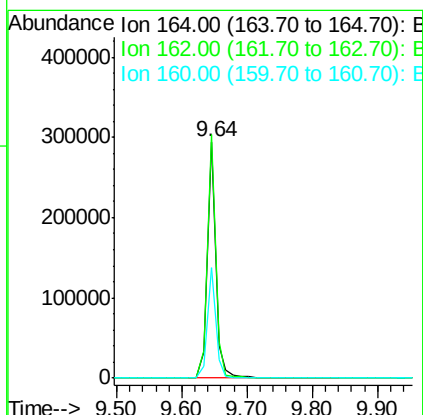
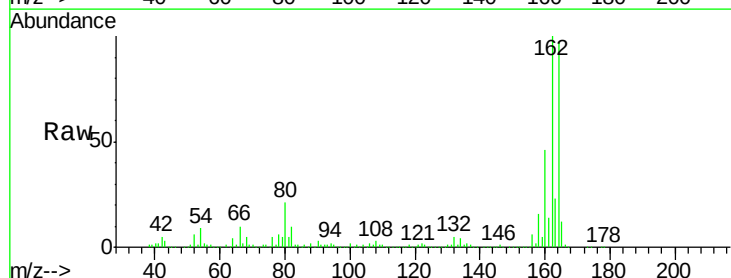
Instrument :
BNA_F
ClientSampleId :
MW-12

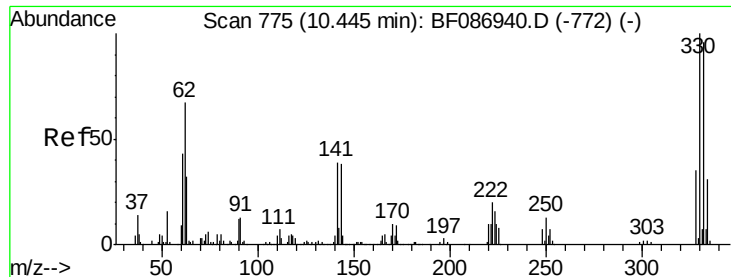
Tgt Ion: 82 Resp: 895594
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion: 164 Resp: 269229
Ion Ratio Lower Upper
164 100
162 103.0 82.8 124.2
160 47.0 36.9 55.3

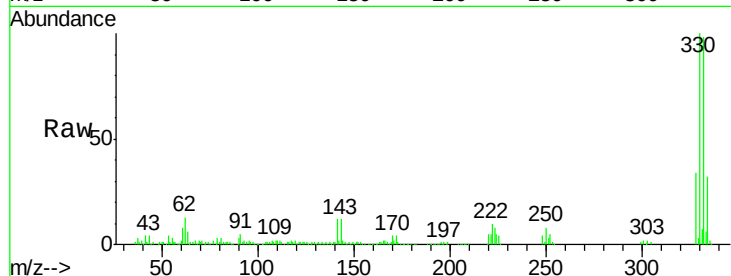




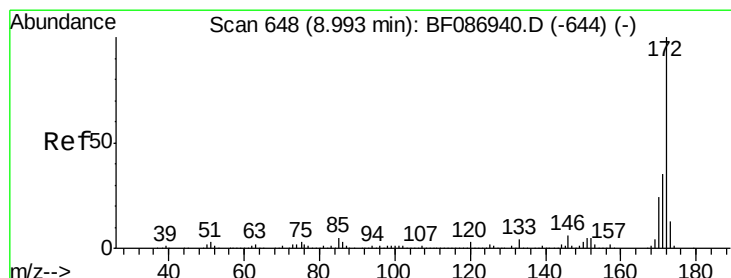
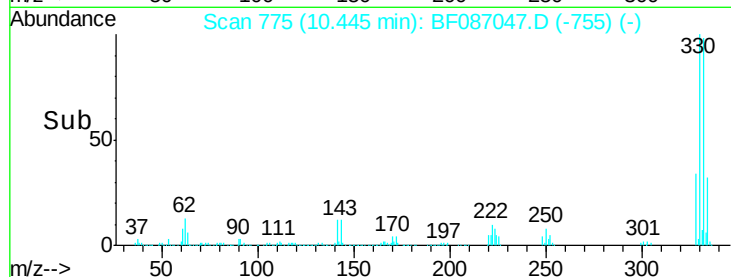
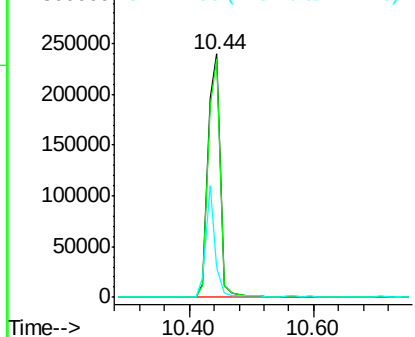
#41
 2,4,6-Tribromophenol
 Concen: 115.54 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:330 Resp: 329330
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 34.4 31.2 46.8

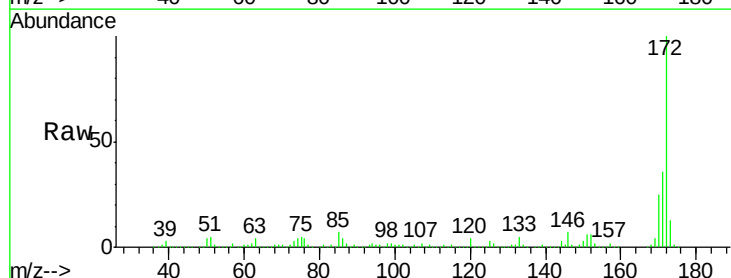


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

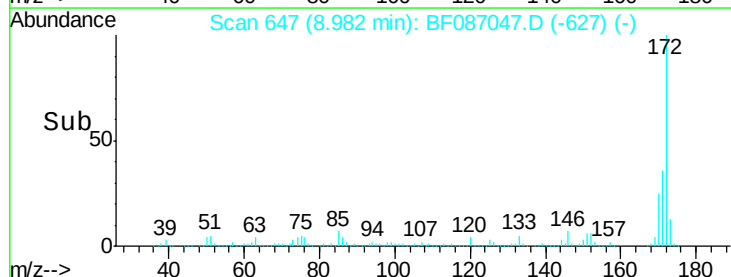
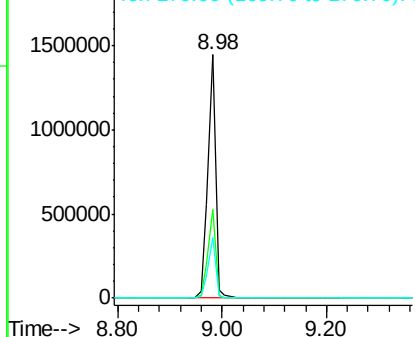


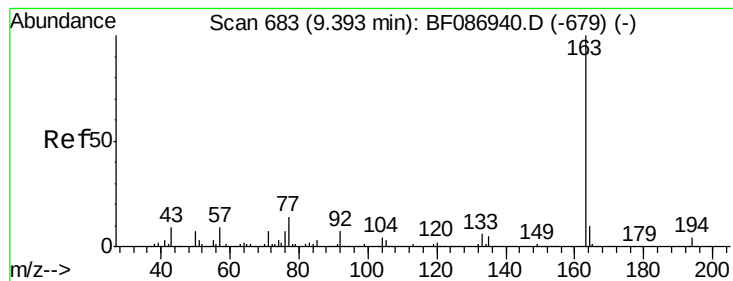
#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

Tgt Ion:172 Resp: 1477097
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 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: 2.89 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

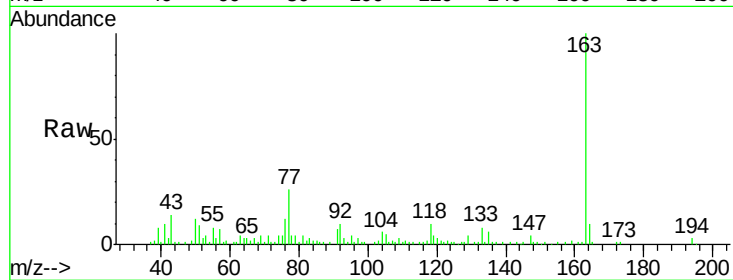
Tgt Ion:163 Resp: 59414

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

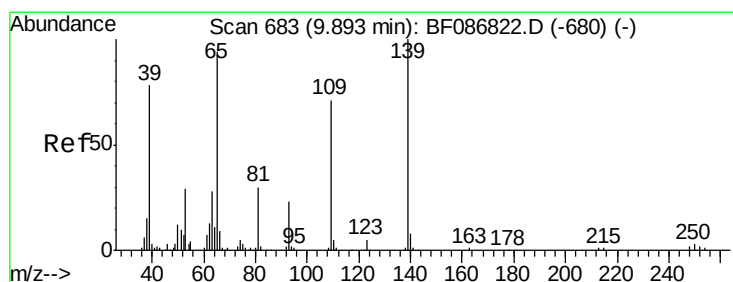
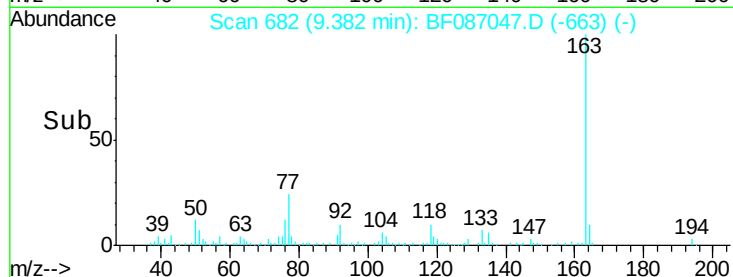
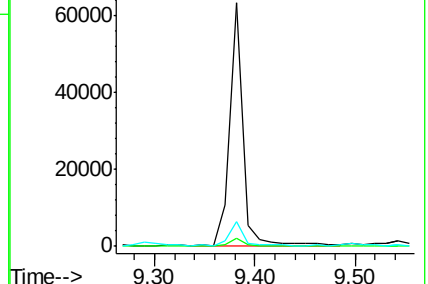
164 10.4 8.2 12.4



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



#55

4-Nitrophenol

Concen: 5.32 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

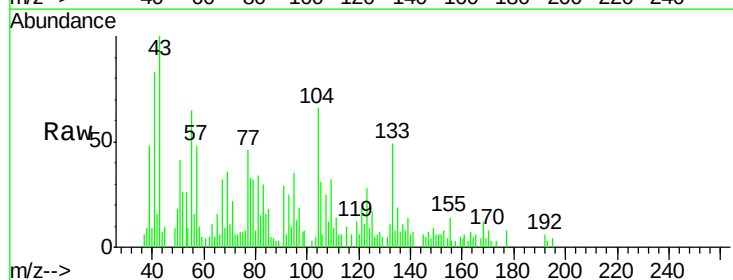
Tgt Ion:139 Resp: 2442

Ion Ratio Lower Upper

139 100

109 221.2 36.9 76.9#

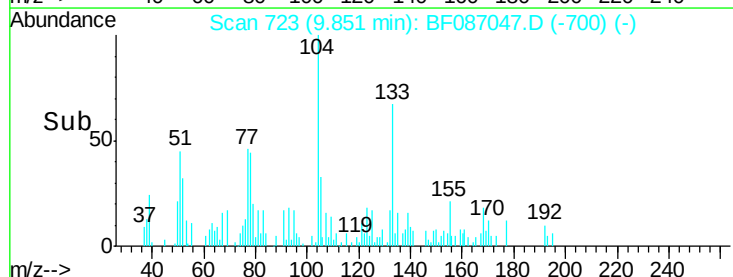
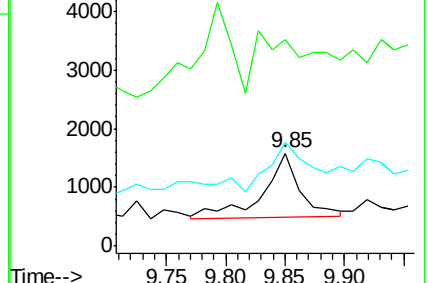
65 111.1 64.0 104.0#

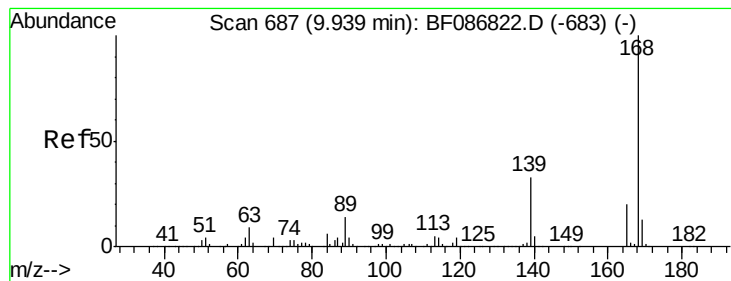


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.77 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:165 Resp: 36214

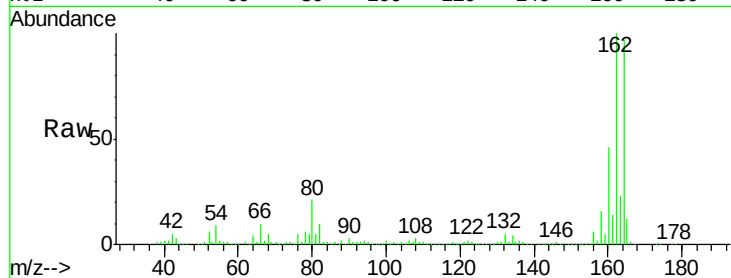
Ion Ratio Lower Upper

165 100

63 2.6 44.3 66.5#

89 2.6 70.0 105.0#

182 0.0 1.8 2.6#

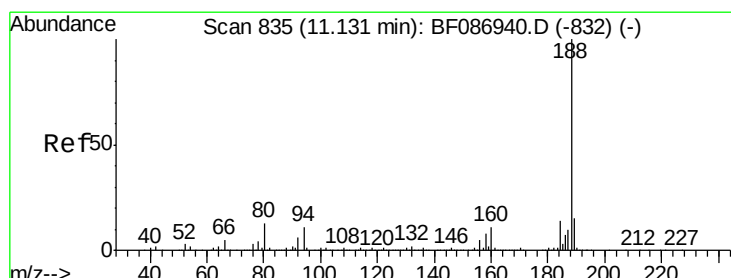
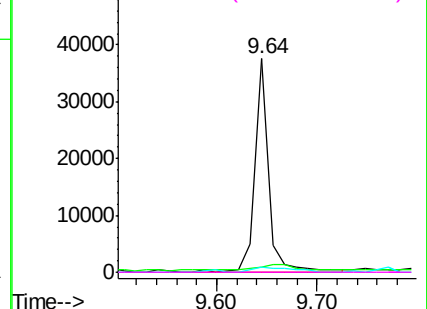
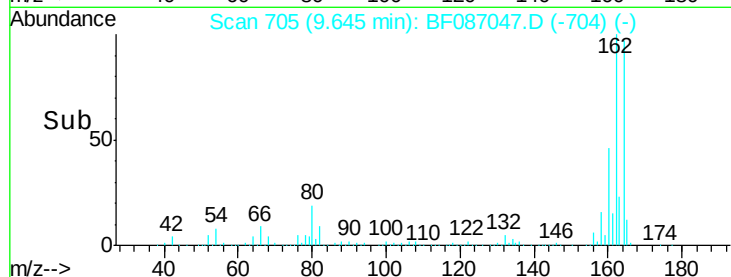


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

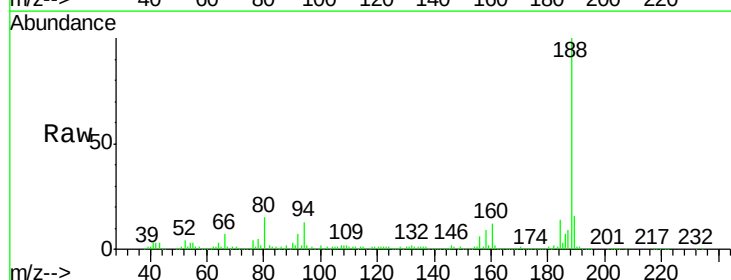
Tgt Ion:188 Resp: 417667

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

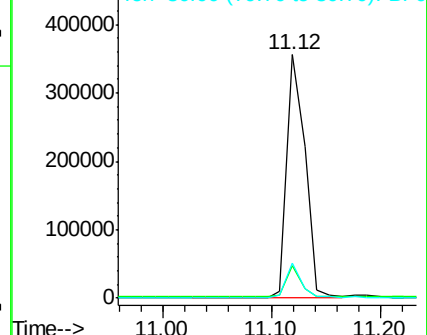
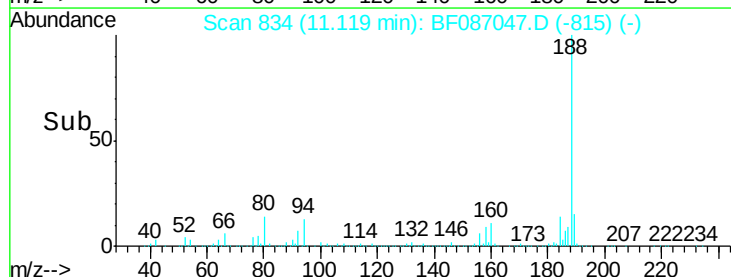
80 14.5 7.1 10.7#

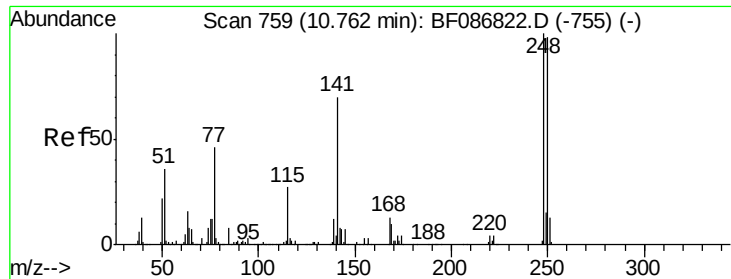


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.61 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampled :

MW-12

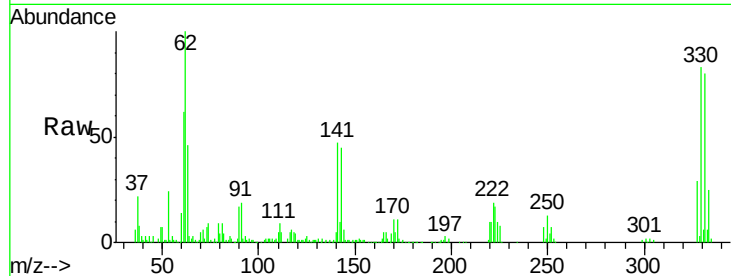
Tgt Ion:248 Resp: 19518

Ion Ratio Lower Upper

248 100

250 197.0 78.6 117.8#

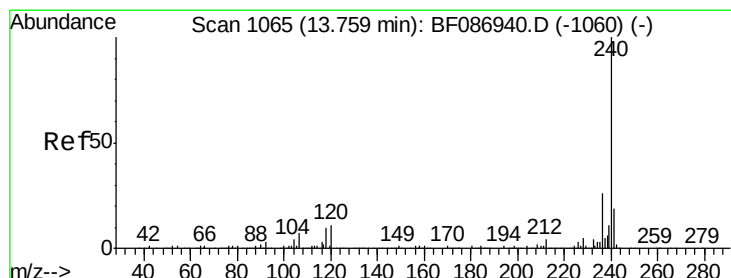
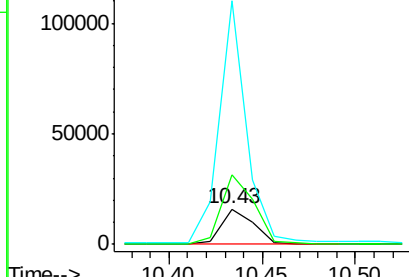
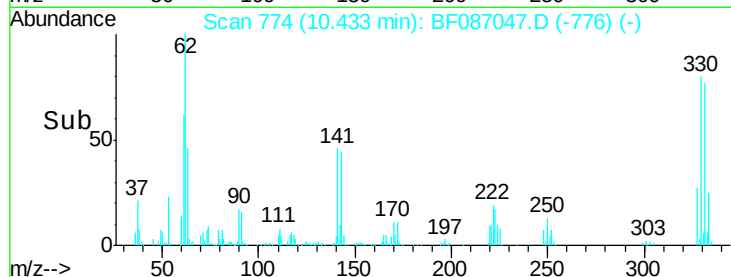
141 696.1 76.0 114.0#



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: BF087047.D

Acq: 15 May 2016 4:24

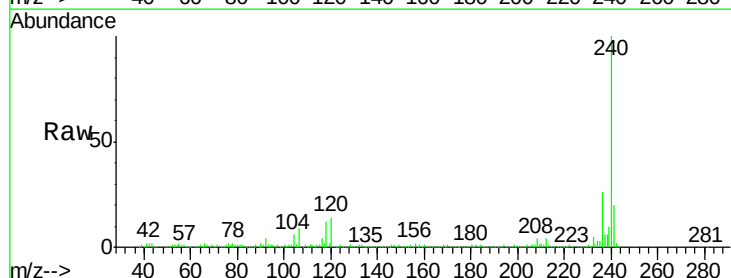
Tgt Ion:240 Resp: 295593

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

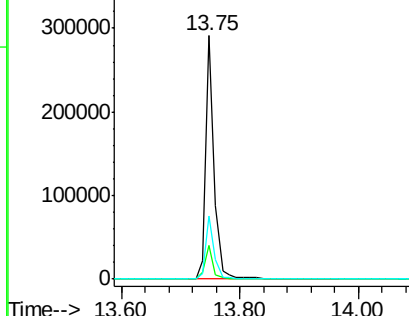
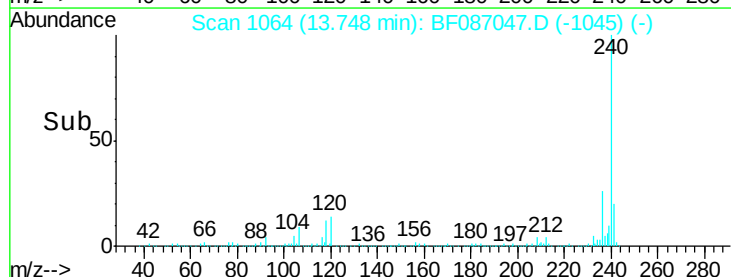
236 26.0 21.2 31.8

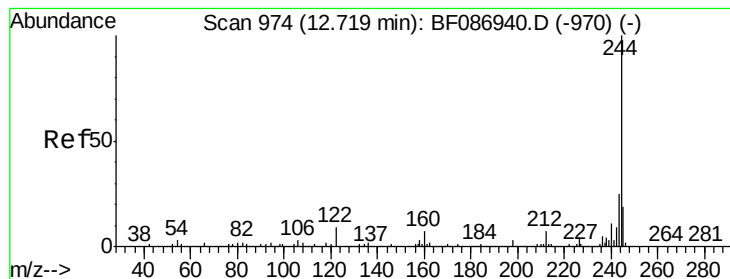


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.06 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampled :

MW-12

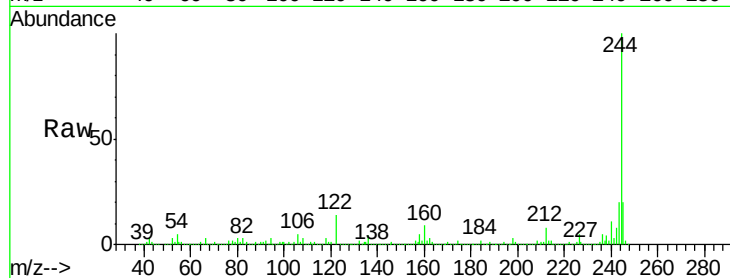
Tgt Ion:244 Resp: 989954

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

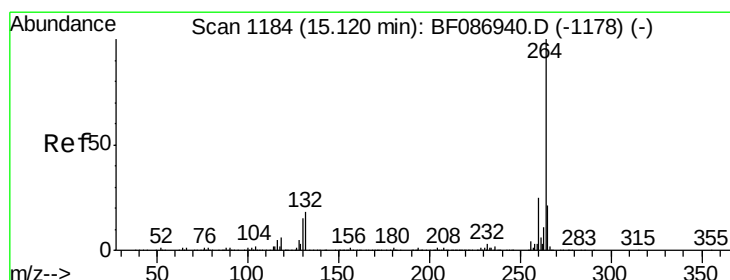
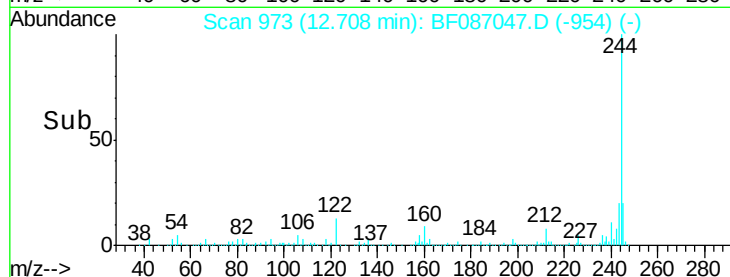
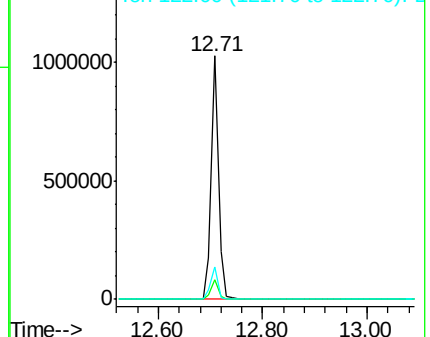
122 13.6 12.0 18.0



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: BF087047.D

Acq: 15 May 2016 4:24

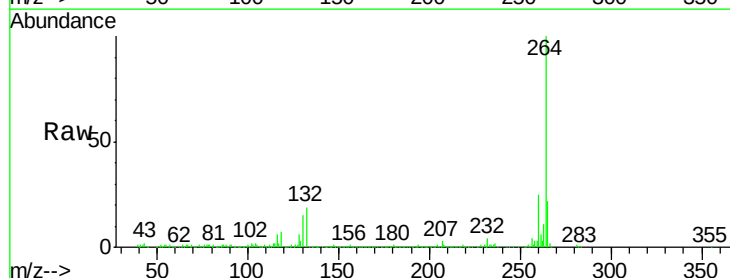
Tgt Ion:264 Resp: 303756

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

