

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086859.D
 Acq On : 10 May 2016 14:53
 Operator : UM/SJ
 Sample : H2902-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 11 03:41:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

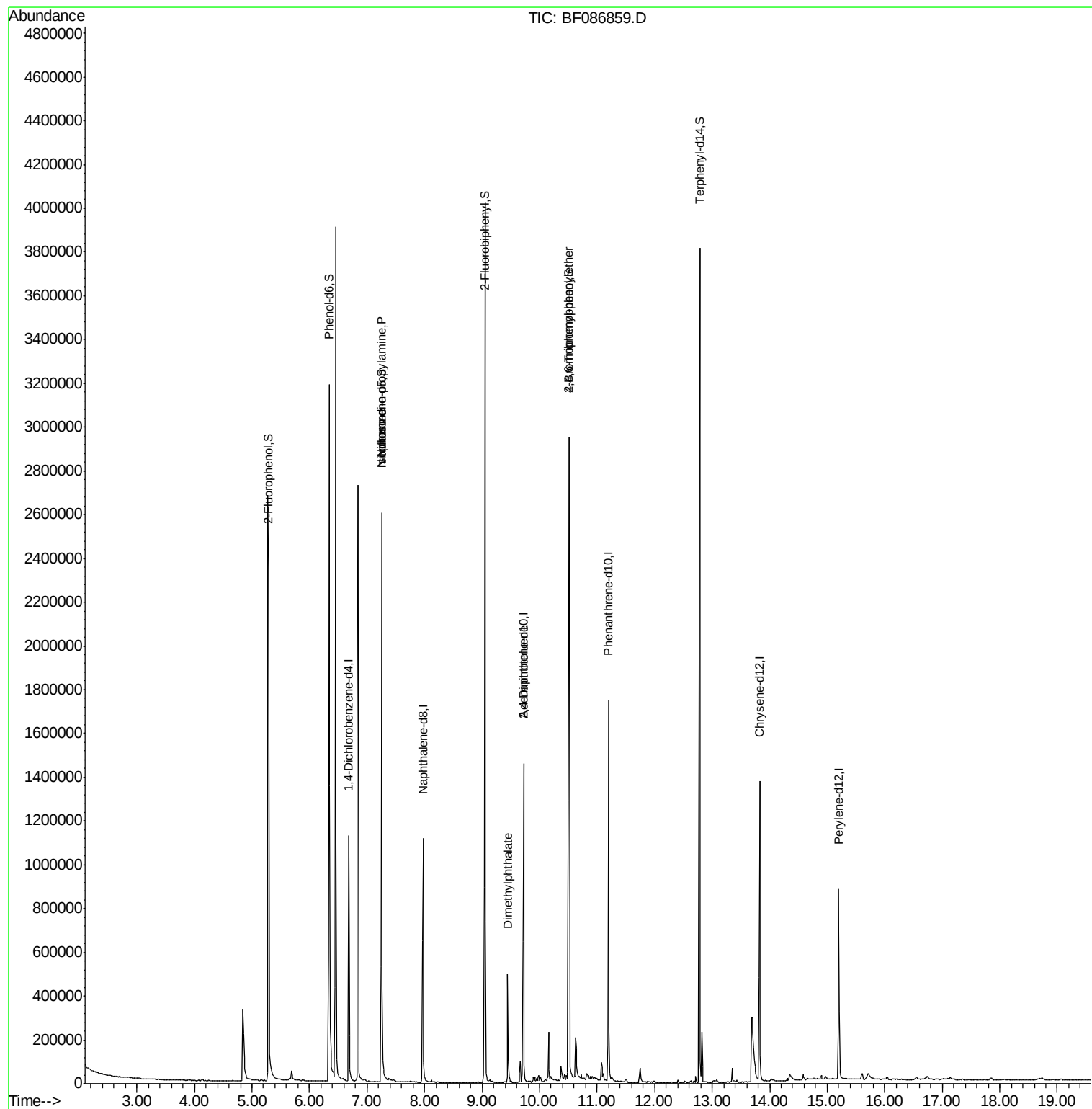
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	150838	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	620974	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	311953	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	583330	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	489974	20.00	ng	-0.01
86) Perylene-d12	15.20	264	373263	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	999835	112.26	ng	0.00
7) Phenol-d6	6.34	99	1229462	103.28	ng	-0.02
23) Nitrobenzene-d5	7.25	82	818946	66.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	347018	105.08	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1248091	67.24	ng	-0.01
78) Terphenyl-d14	12.78	244	1290700	55.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	114059	13.71	ng	# 72
25) Isophorone	7.25	82	698183	30.43	ng	# 68
49) Dimethylphthalate	9.45	163	182805	7.68	ng	99
56) 2,4-Dinitrotoluene	9.72	165	38942	6.28	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	23239	3.93	ng	# 1

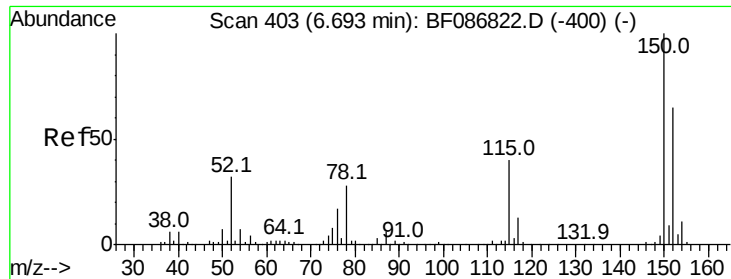
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Instrument :

BNA_F

ClientSampleId :

WC-1

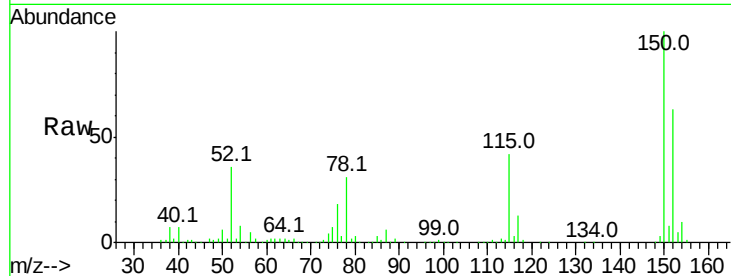
Tot Ion:152 Resp: 150838

Ion Ratio Lower Upper

152 100

150 158.3 125.8 188.6

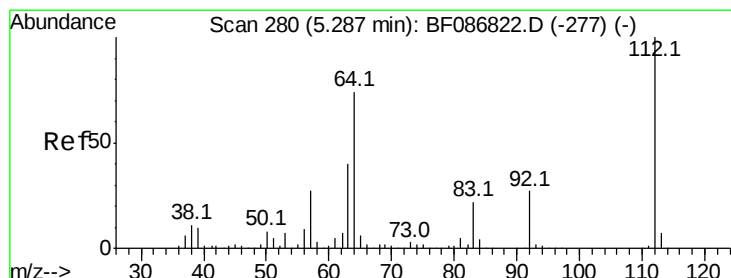
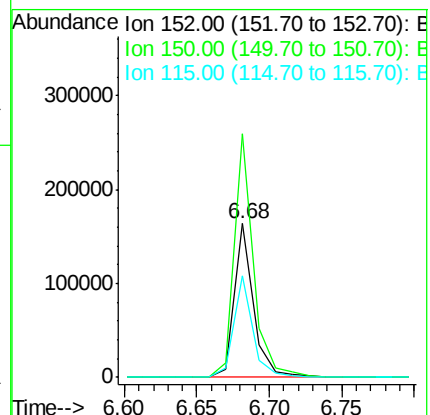
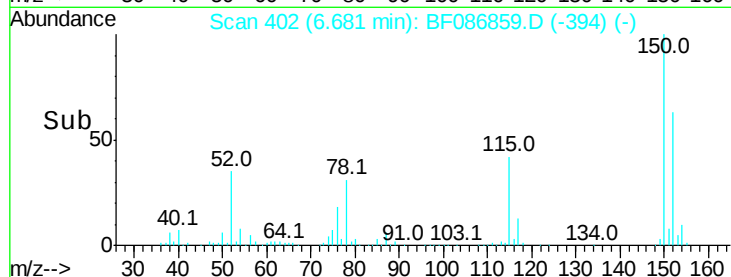
115 66.1 51.5 77.3



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: 112.26 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

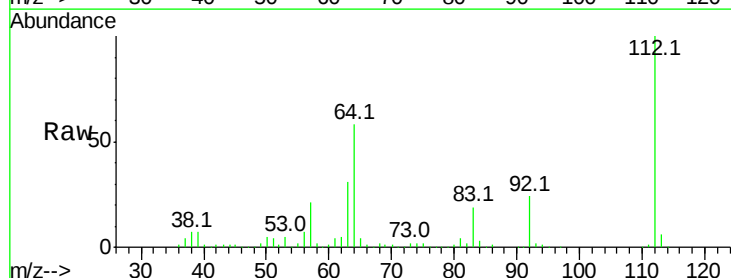
Tgt Ion:112 Resp: 999835

Ion Ratio Lower Upper

112 100

64 57.7 52.1 78.1

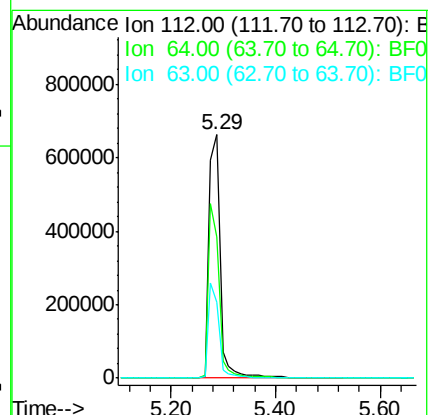
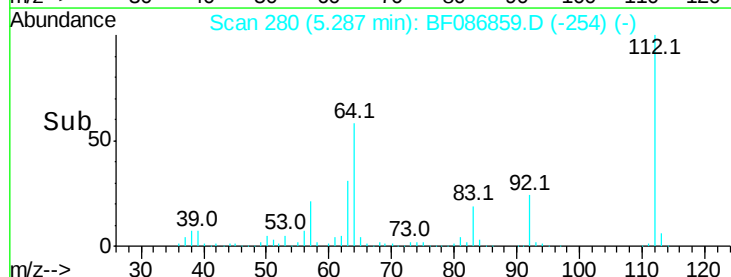
63 31.0 25.7 38.5

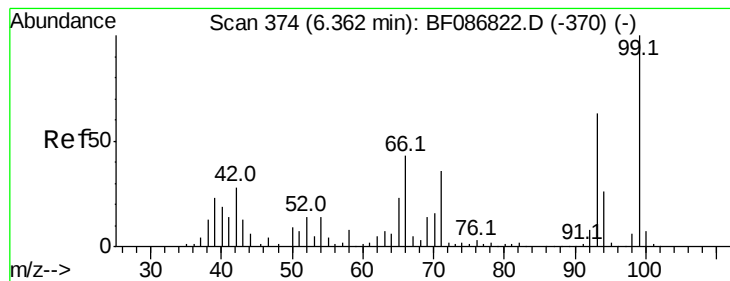


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.28 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Instrument :

BNA_F

ClientSampleId :

WC-1

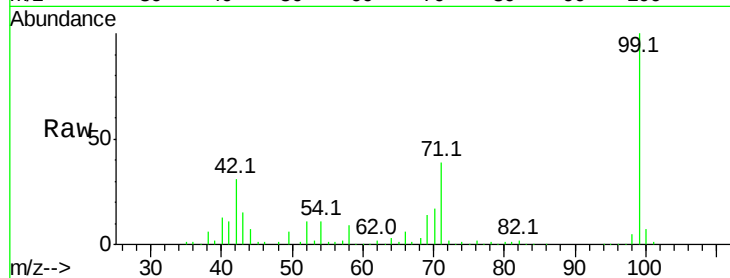
Tot Ion: 99 Resp: 1229462

Ion Ratio Lower Upper

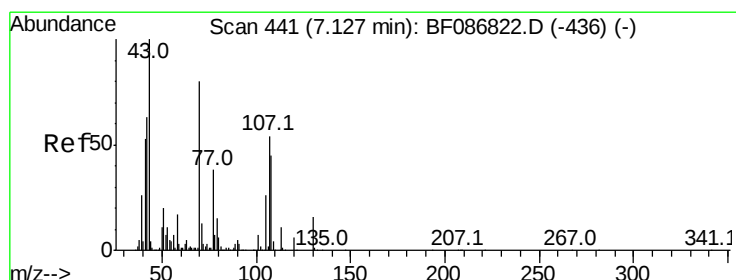
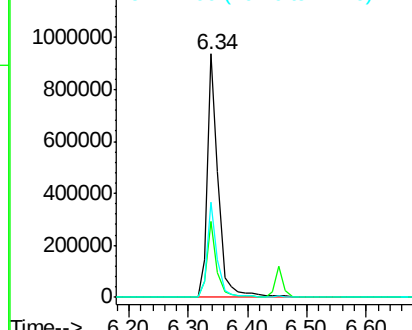
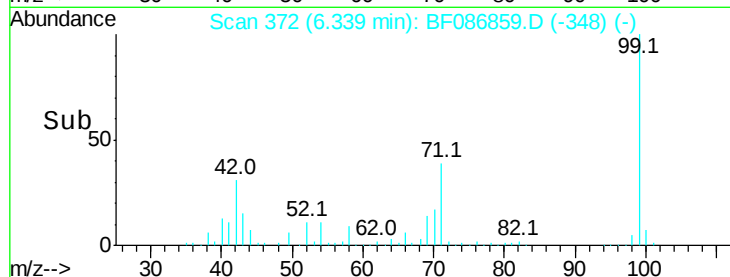
99 100

42 31.4 13.6 20.4#

71 39.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.71 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.13 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Tgt Ion: 70 Resp: 114059

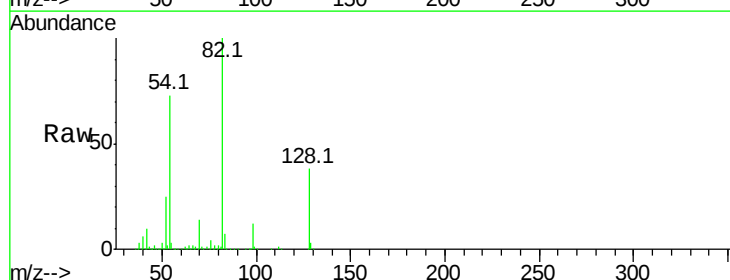
Ion Ratio Lower Upper

70 100

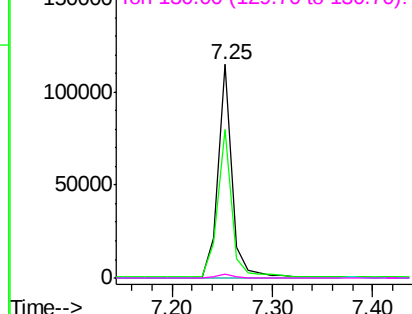
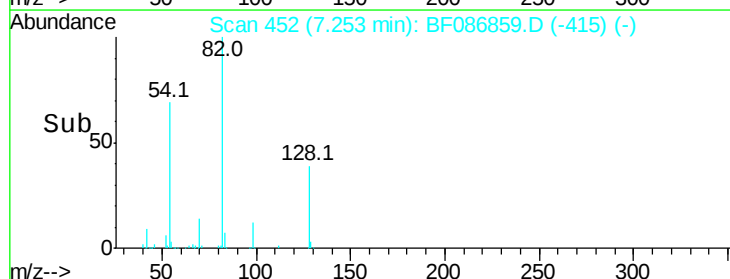
42 69.4 43.1 64.7#

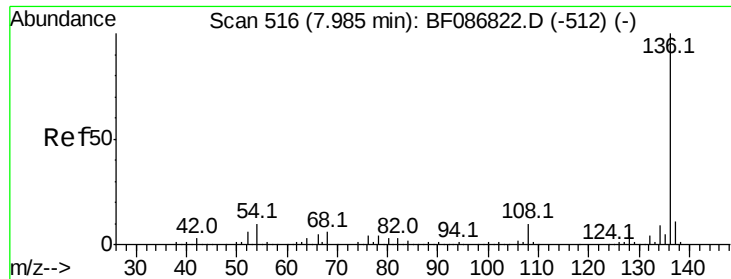
101 0.0 8.1 12.1#

130 1.9 18.6 28.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

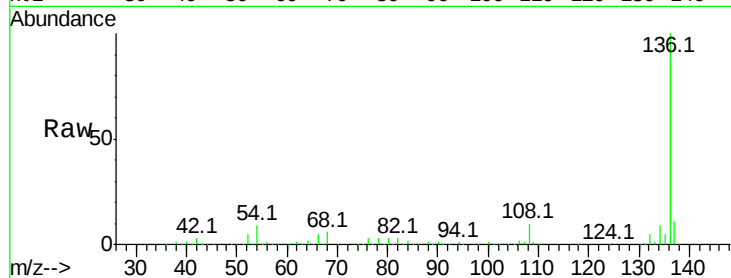




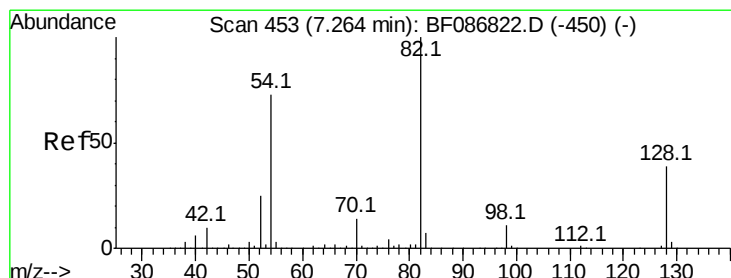
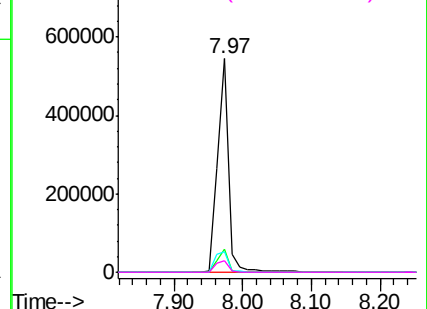
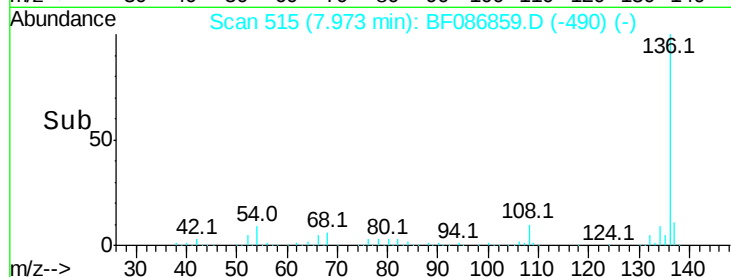
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086859.D
Acq: 10 May 2016 14:53

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion:	136	Resp:	620974
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.4	5.0	7.4#
68	5.6	4.4	6.6

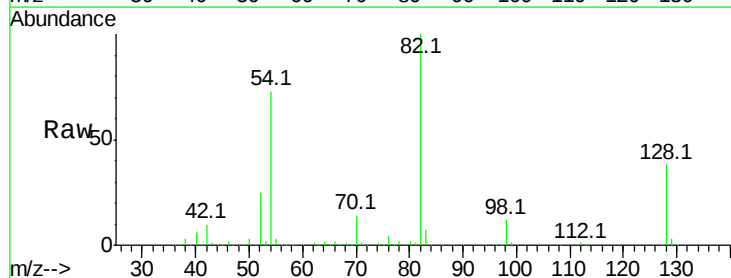


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

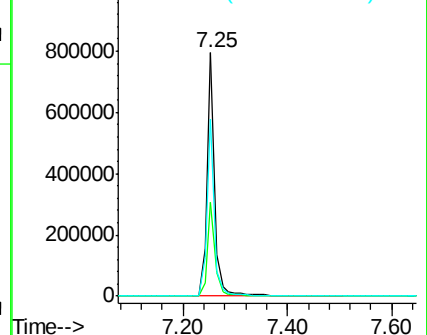
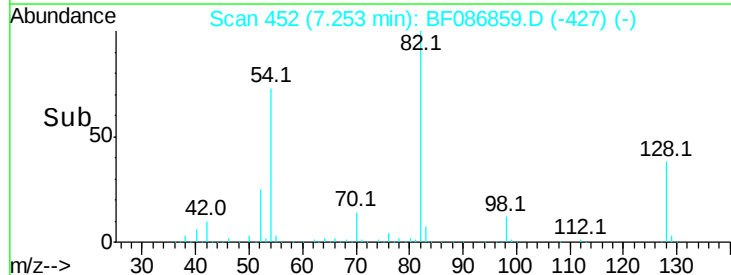


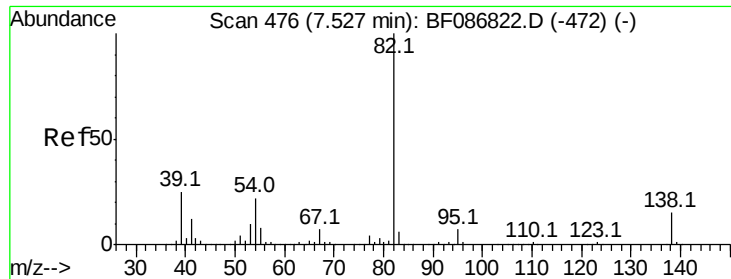
#23
Nitrobenzene-d5
Concen: 66.22 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086859.D
Acq: 10 May 2016 14:53

Tgt Ion:	82	Resp:	818946
Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	72.9	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: 30.43 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Instrument :

BNA_F

ClientSampleId :

WC-1

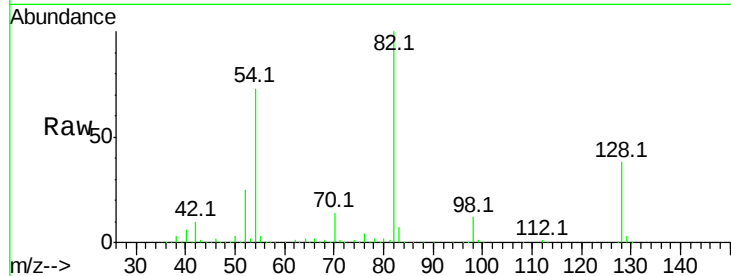
Tot Ion: 82 Resp: 698183

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

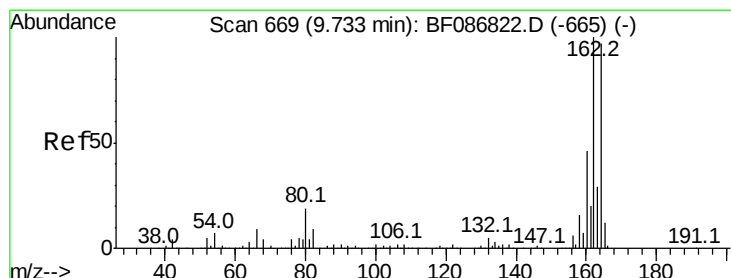
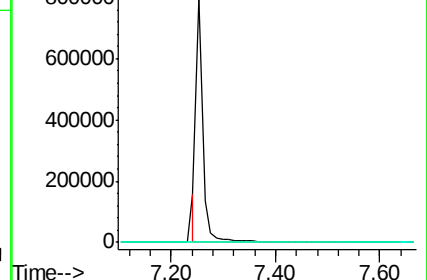
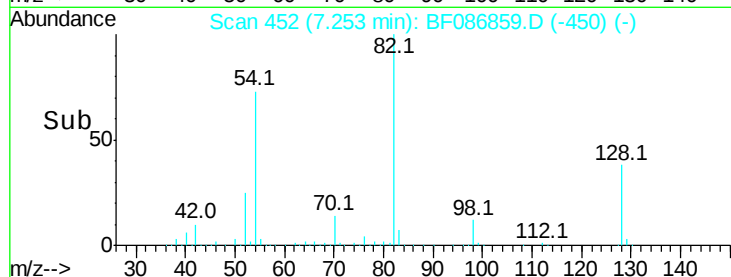
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

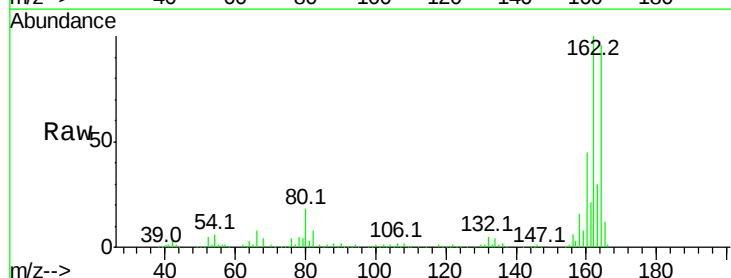
Tgt Ion: 164 Resp: 311953

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

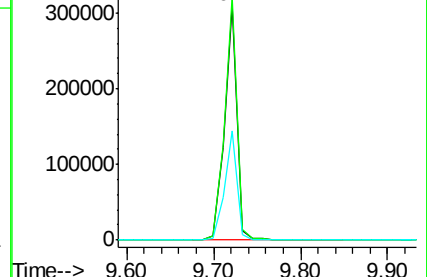
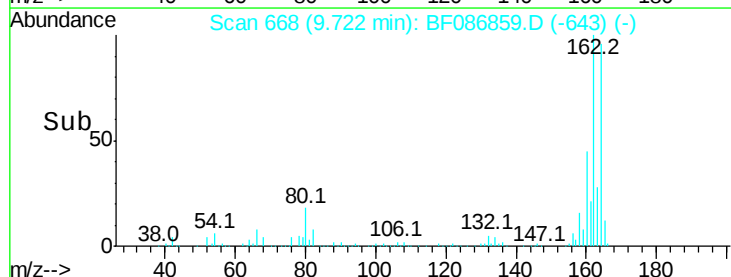
160 46.4 36.9 55.3

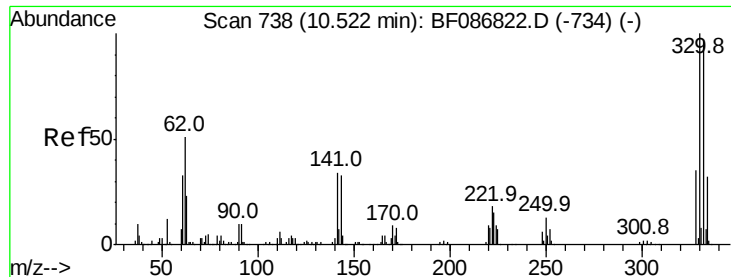


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

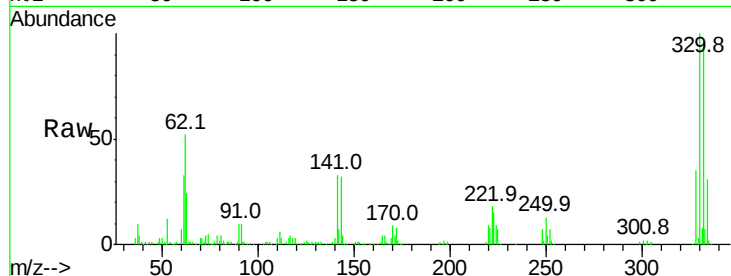




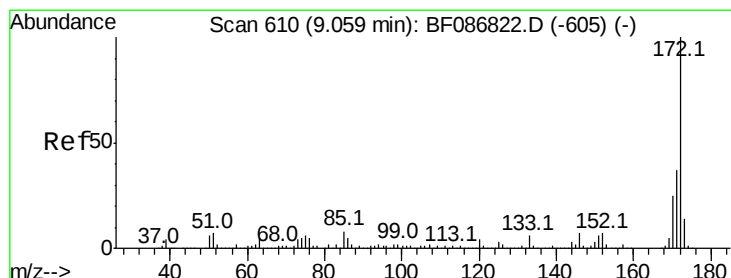
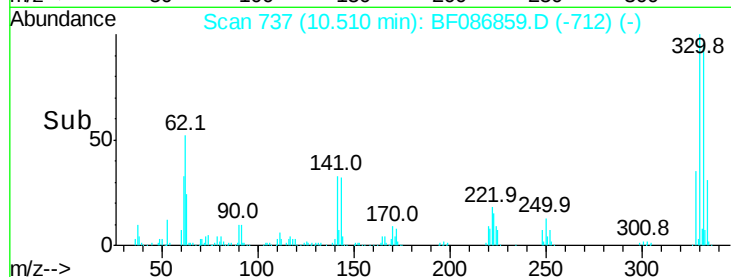
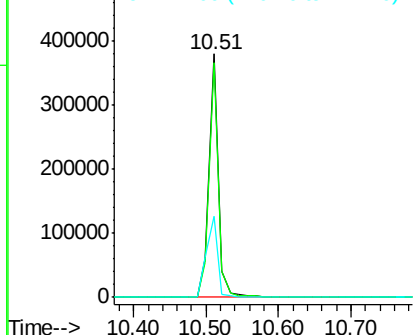
#41
 2,4,6-Tribromophenol
 Concen: 105.08 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086859.D
 Acq: 10 May 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:330 Resp: 347018
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 39.8 31.2 46.8

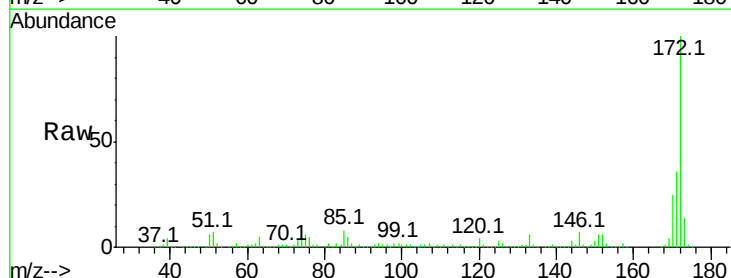


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

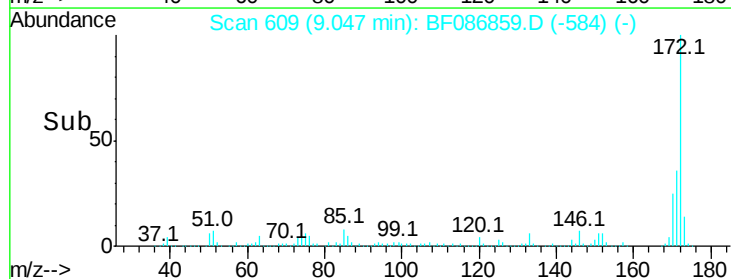
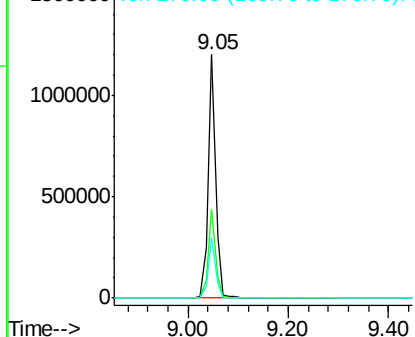


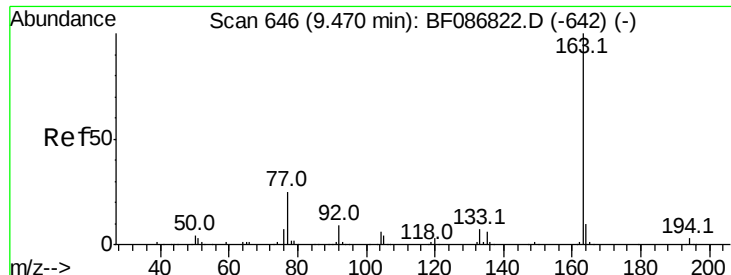
#44
 2-Fluorobiphenyl
 Concen: 67.24 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086859.D
 Acq: 10 May 2016 14:53

Tgt Ion:172 Resp: 1248091
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 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: 7.68 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Instrument :

BNA_F

ClientSampled :

WC-1

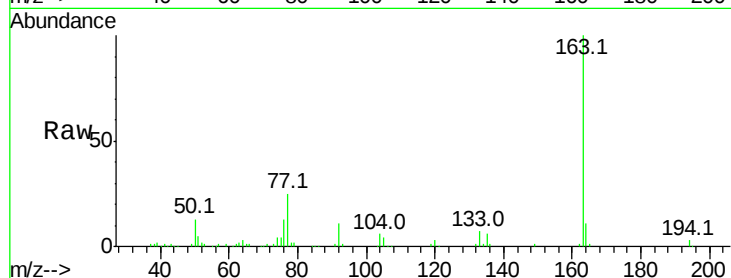
Tot Ion:163 Resp: 182805

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

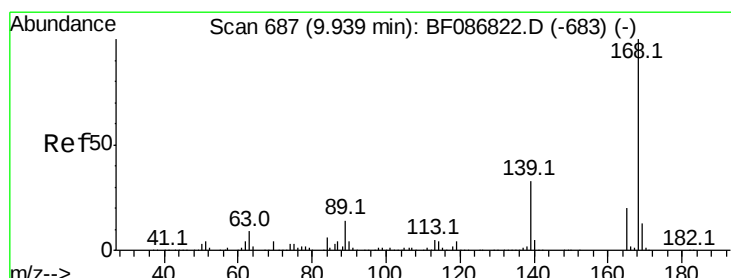
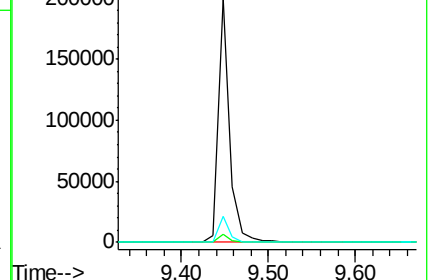
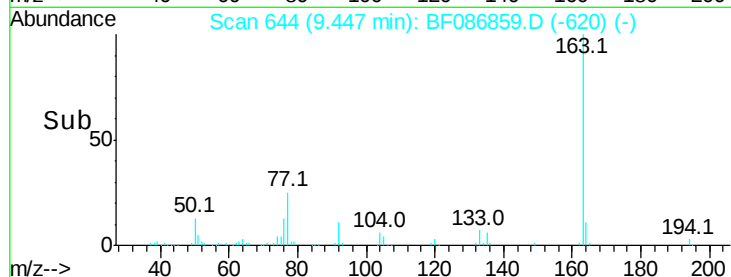
164 10.7 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Tgt Ion:165 Resp: 38942

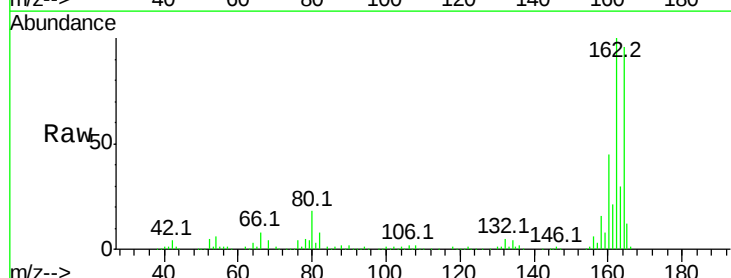
Ion Ratio Lower Upper

165 100

63 1.7 44.3 66.5#

89 2.4 70.0 105.0#

182 0.0 1.8 2.6#

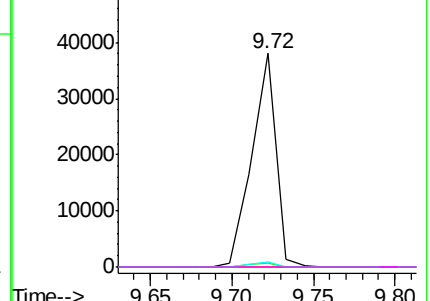
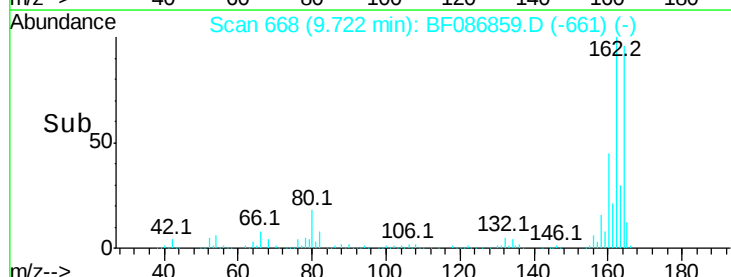


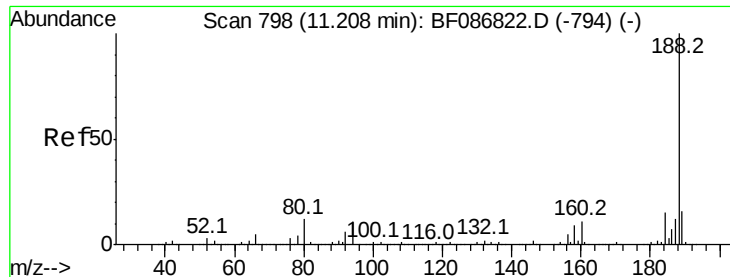
Abundance Ion 165.00 (164.70 to 165.70): E

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

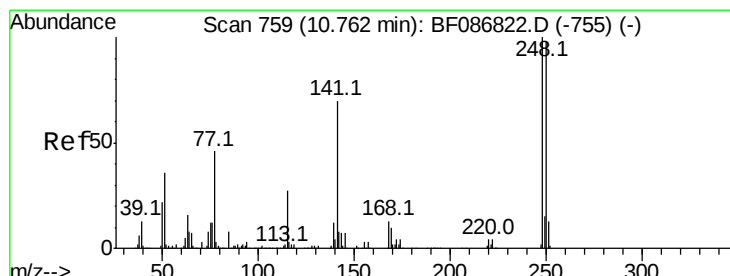
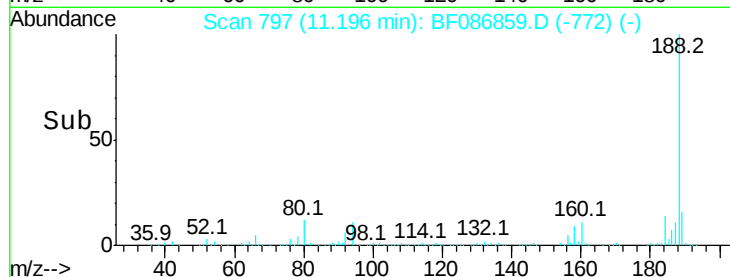
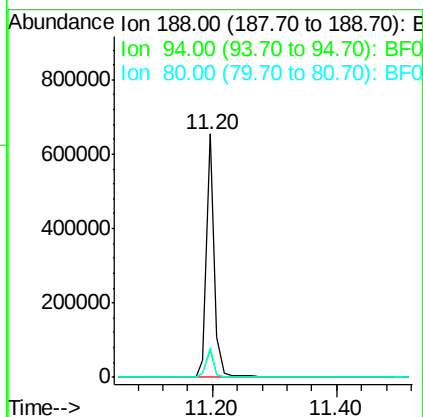
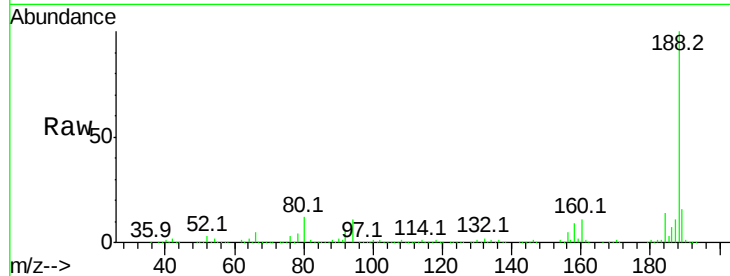




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086859.D
 Acq: 10 May 2016 14:53

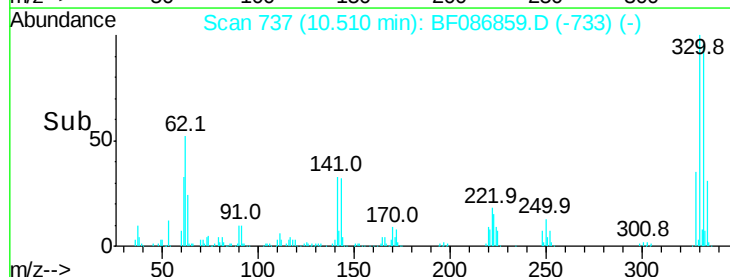
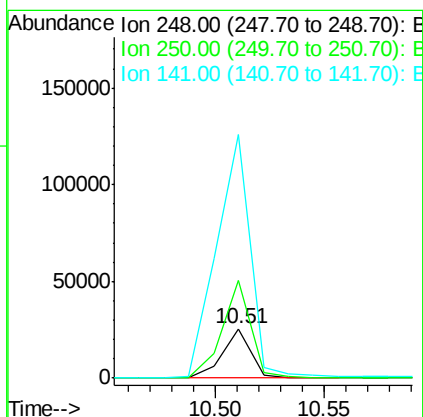
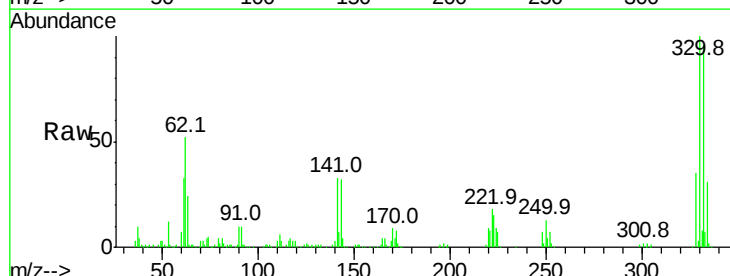
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

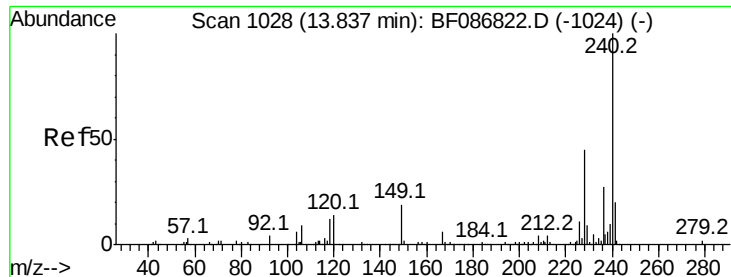
Tot Ion:188 Resp: 583330
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.8 10.2#
 80 12.2 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086859.D
 Acq: 10 May 2016 14:53

Tgt Ion:248 Resp: 23239
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.6 117.8#
 141 491.8 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

Instrument :

BNA_F

ClientSampleId :

WC-1

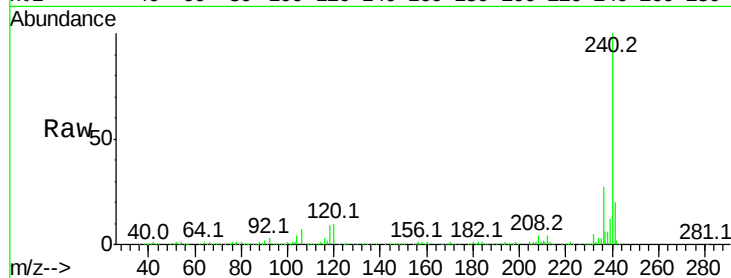
Tot Ion:240 Resp: 489974

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

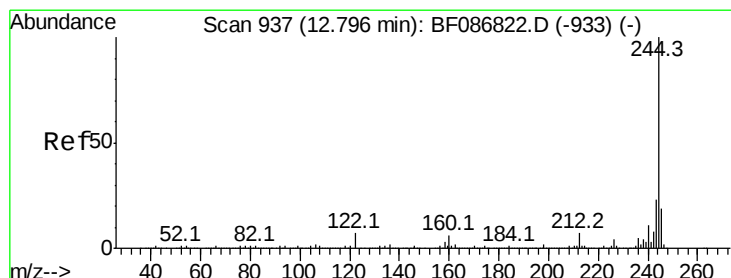
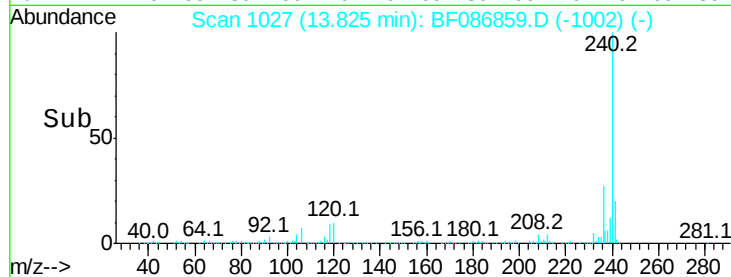
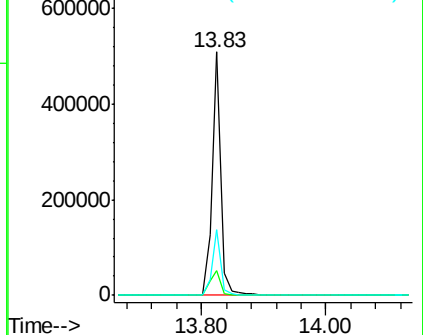
236 27.0 21.2 31.8



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: 55.89 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086859.D

Acq: 10 May 2016 14:53

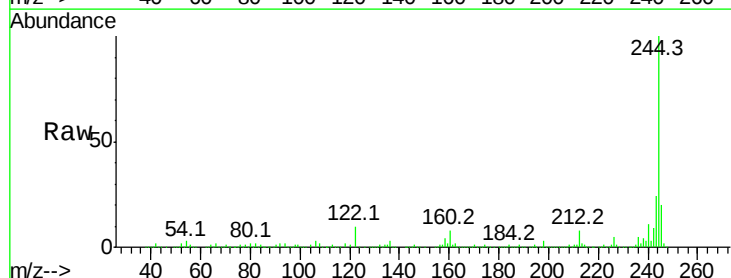
Tgt Ion:244 Resp: 1290700

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

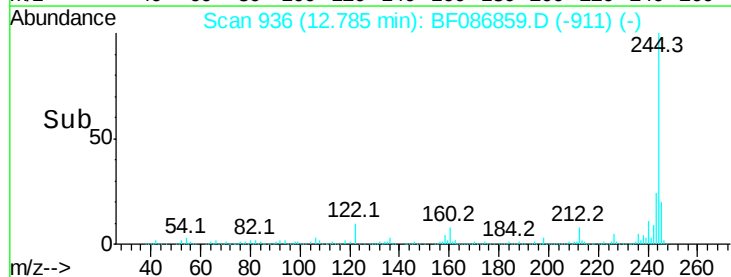
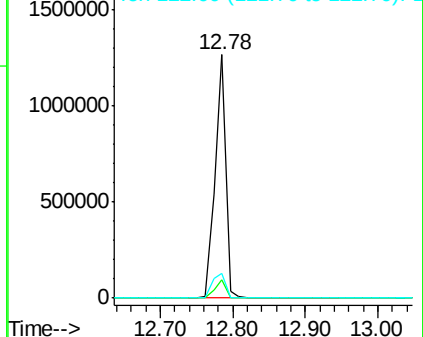
122 10.2 12.0 18.0#

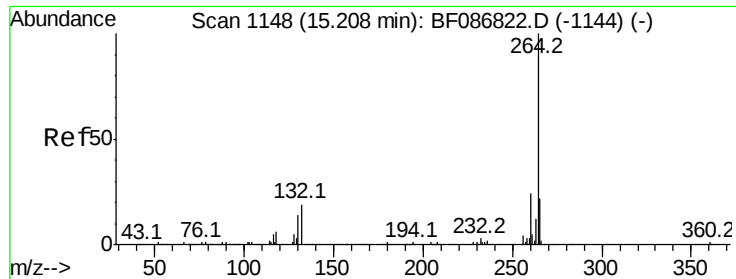


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086859.D
Acq: 10 May 2016 14:53

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	17.3	25.9

