

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086203.D
 Acq On : 9 Apr 2016 7:38
 Operator : UM/SJ
 Sample : H2339-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

Quant Time: Apr 11 00:38:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

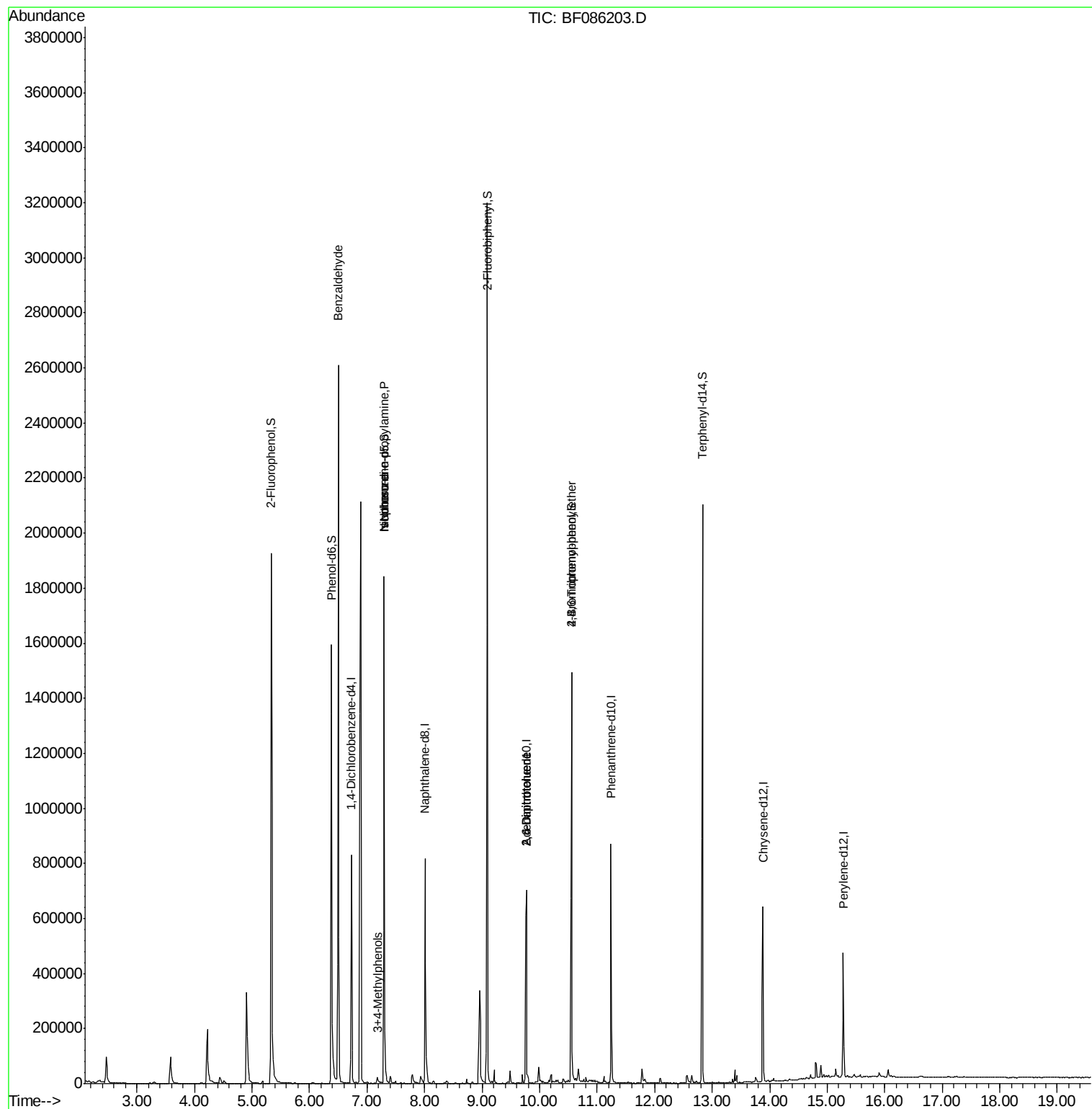
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124210	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	450623	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	189068	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	307444	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	247260	20.00	ng	-0.05
86) Perylene-d12	15.28	264	193691	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	753162	103.65	ng	-0.03
7) Phenol-d6	6.38	99	930872	100.85	ng	-0.03
23) Nitrobenzene-d5	7.30	82	654744	85.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	211716	119.31	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1175487	103.37	ng	-0.05
78) Terphenyl-d14	12.83	244	700562	66.60	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	16753	3.37	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.30	70	87477	15.29	ng	# 76
20) 3+4-Methylphenols	7.18	107	17454	2.10	ng	# 55
25) Isophorone	7.30	82	652456	43.26	ng	# 68
50) 2,6-Dinitrotoluene	9.77	165	24352	8.21	ng	# 22
56) 2,4-Dinitrotoluene	9.77	165	24352	6.50	ng	# 41
66) 4-Bromophenyl-phenylether	10.56	248	13839	4.41	ng	# 1

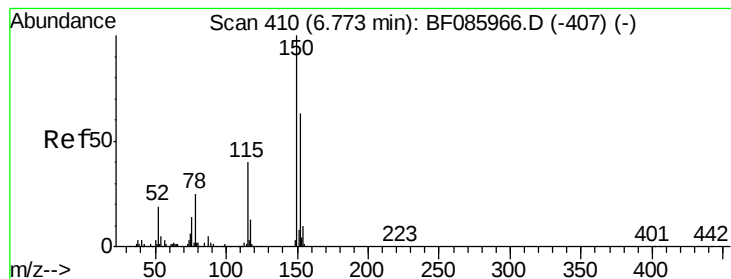
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

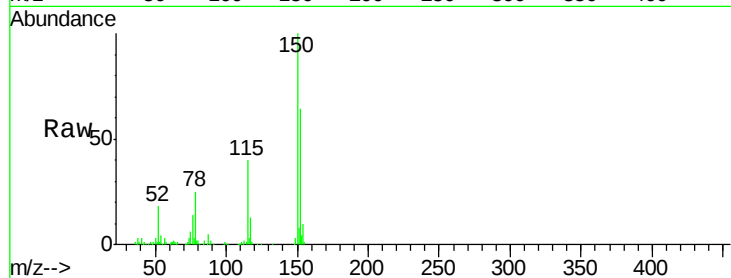
Tgt Ion:152 Resp: 124210

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

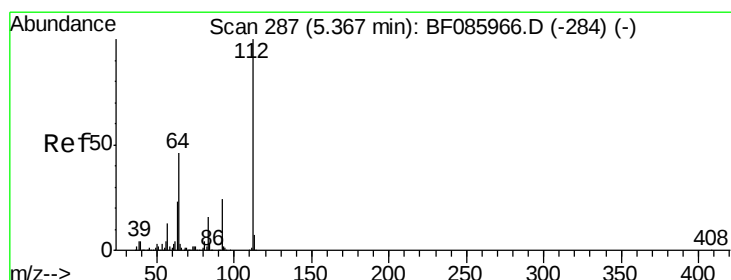
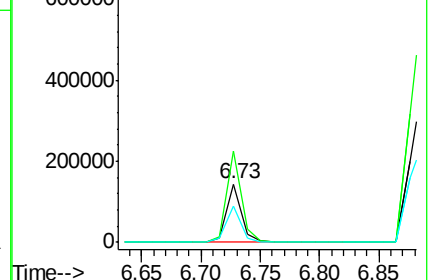
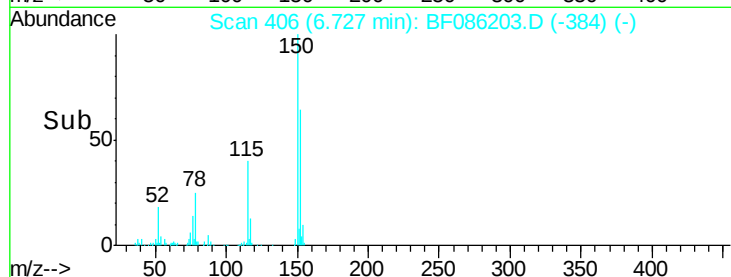
115 62.6 47.0 70.6



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: 103.65 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

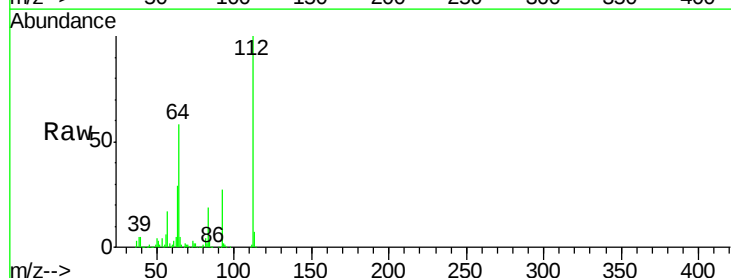
Tgt Ion:112 Resp: 753162

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

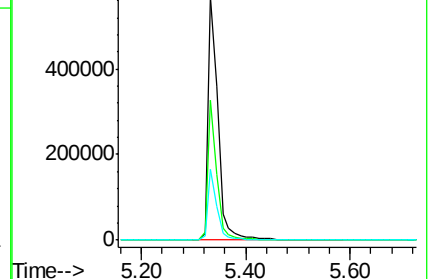
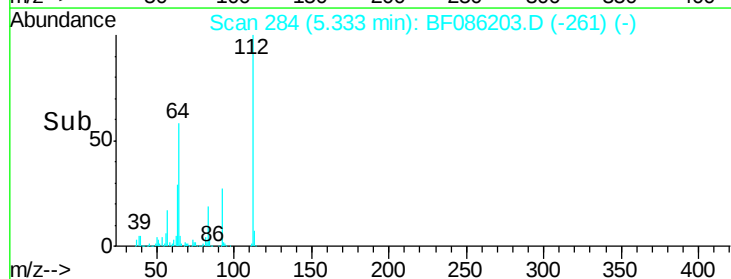
63 29.1 20.2 30.2



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: 100.85 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

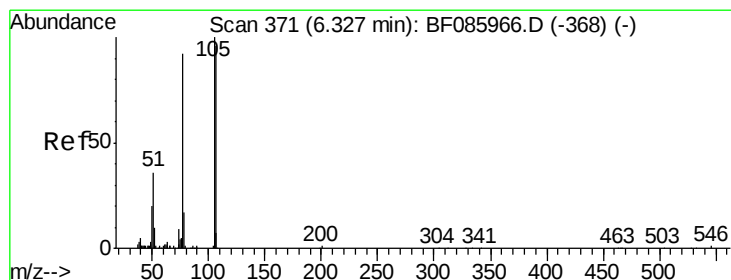
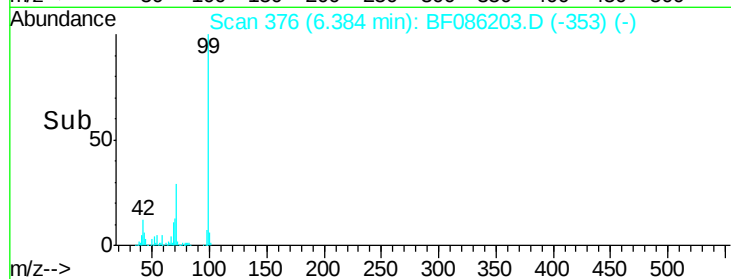
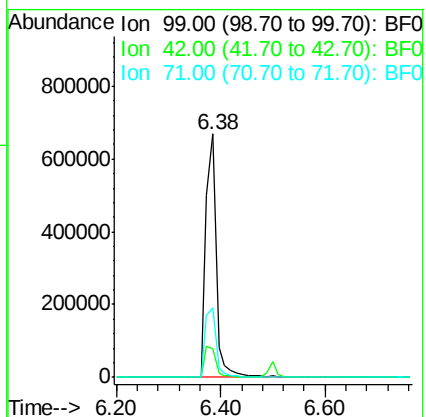
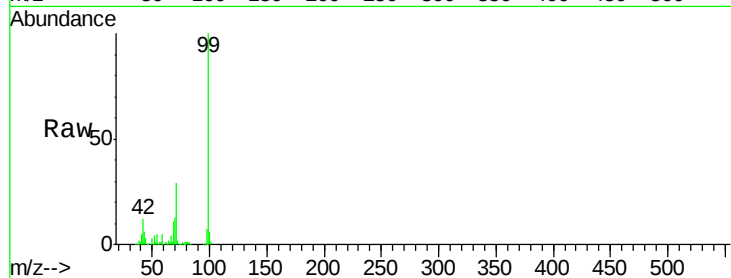
Tgt Ion: 99 Resp: 930872

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 28.8 24.9 37.3



#9

Benzaldehyde

Concen: 3.37 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

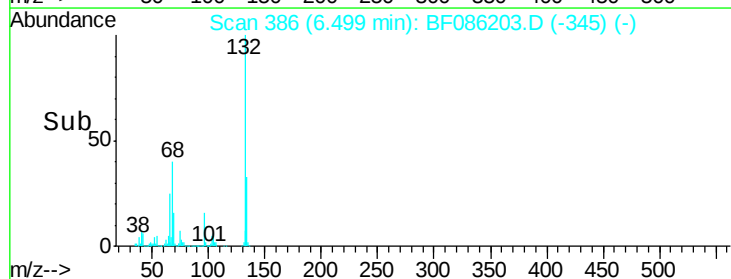
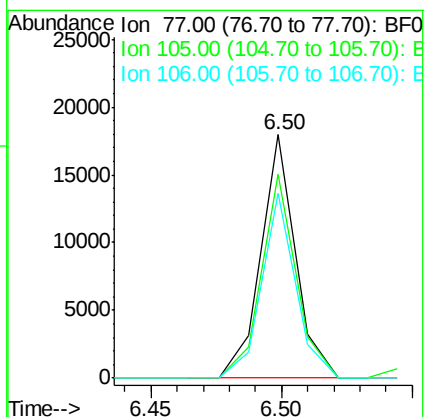
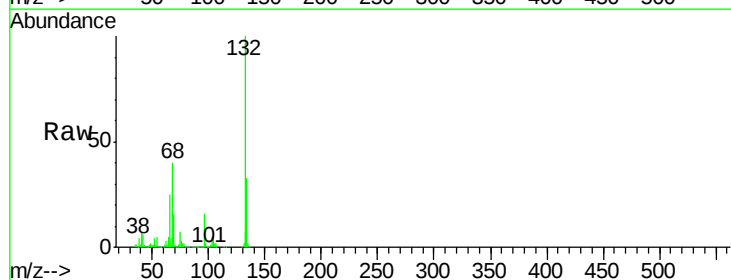
Tgt Ion: 77 Resp: 16753

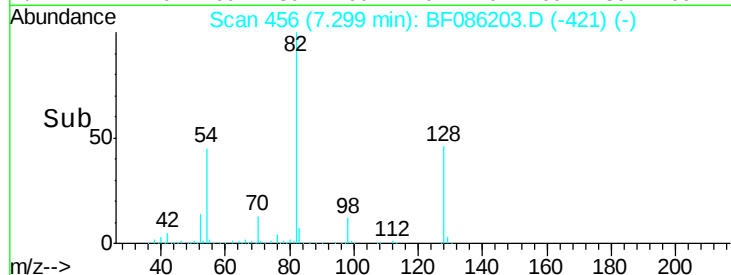
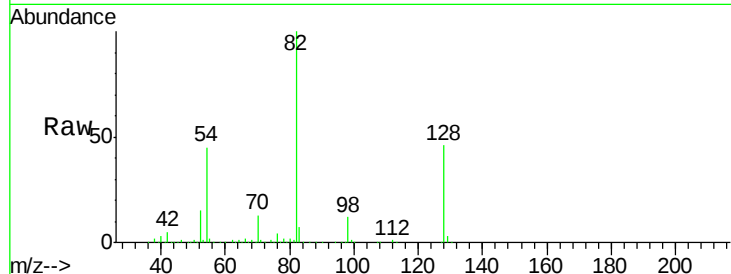
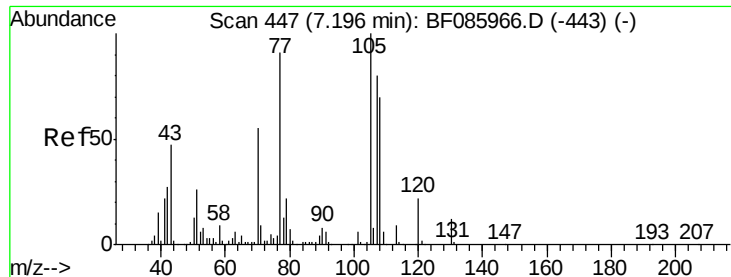
Ion Ratio Lower Upper

77 100

105 83.8 80.1 120.1

106 75.8 75.0 115.0

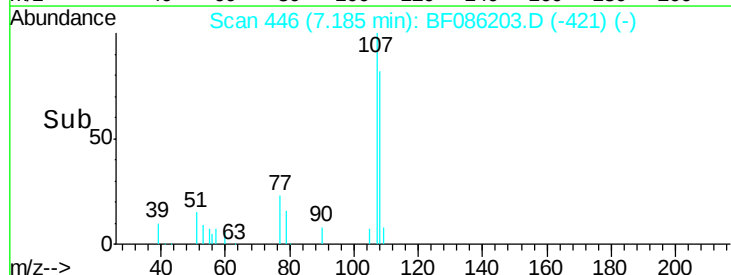
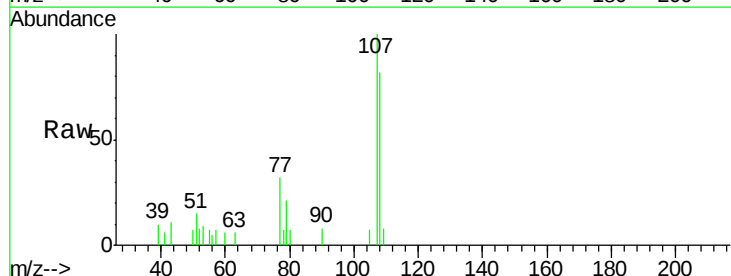
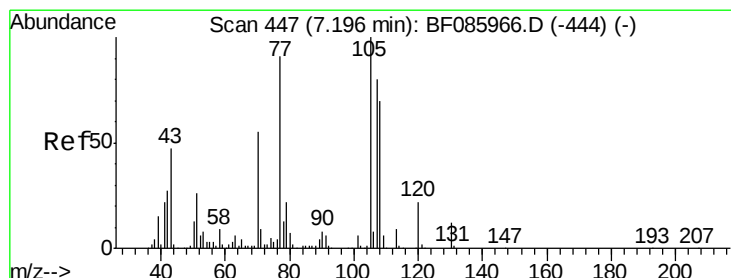
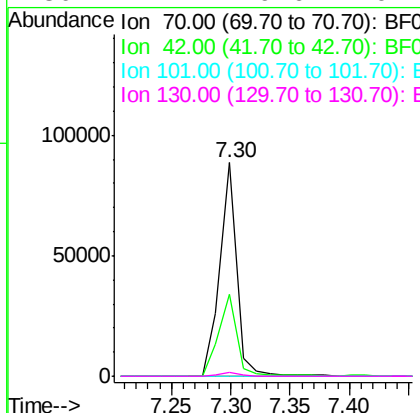




#19
n-Nitroso-di-n-propylamine
Concen: 15.29 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

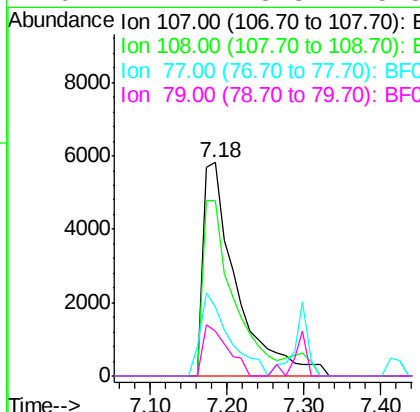
Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5

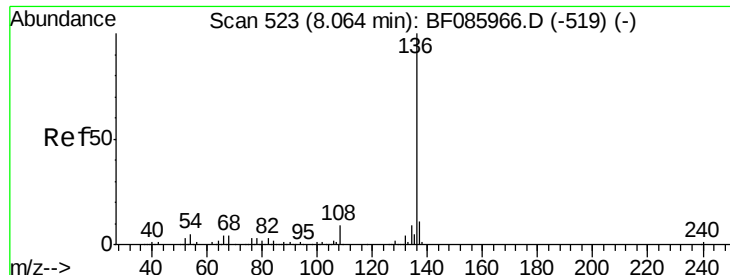
Tgt Ion: 70 Resp: 87477
Ion Ratio Lower Upper
70 100
42 38.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



#20
3+4-Methylphenols
Concen: 2.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Tgt Ion: 107 Resp: 17454
Ion Ratio Lower Upper
107 100
108 82.0 69.3 109.3
77 32.5 101.7 141.7#
79 21.2 8.3 48.3

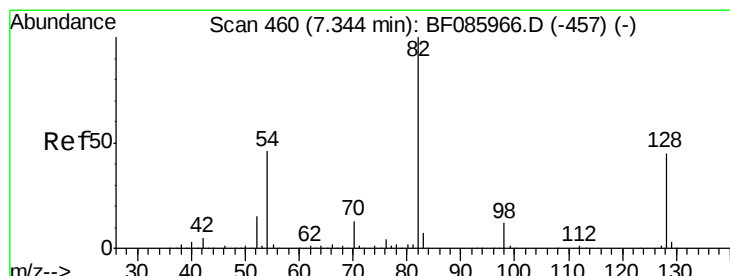
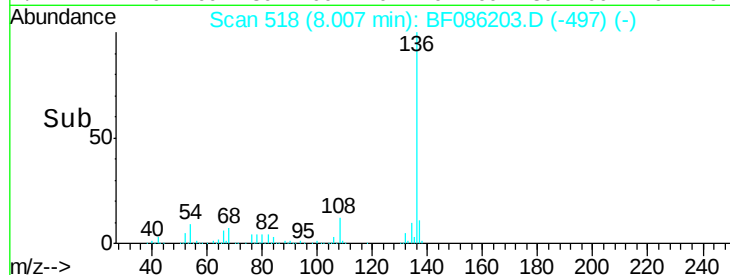
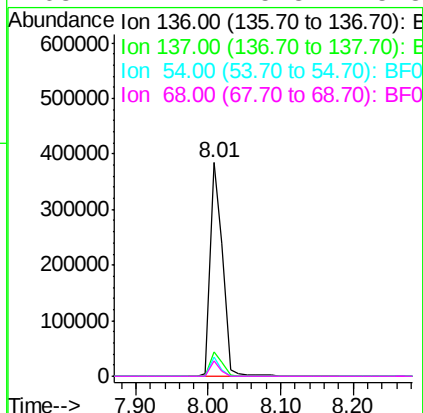
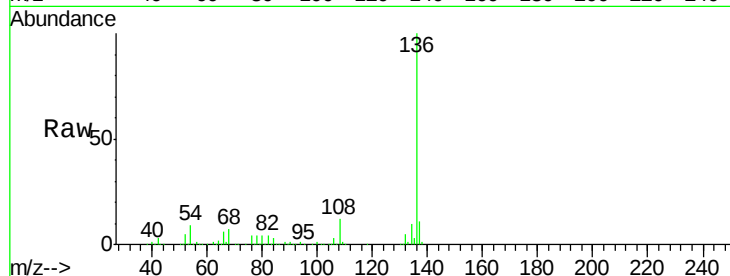




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

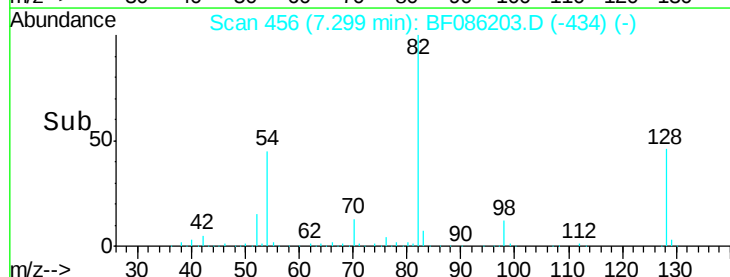
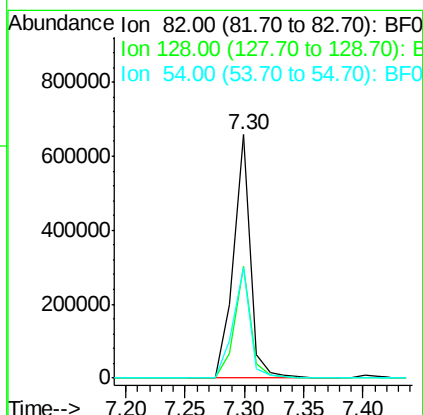
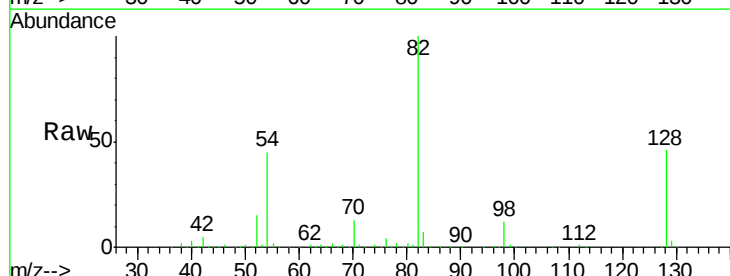
Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5

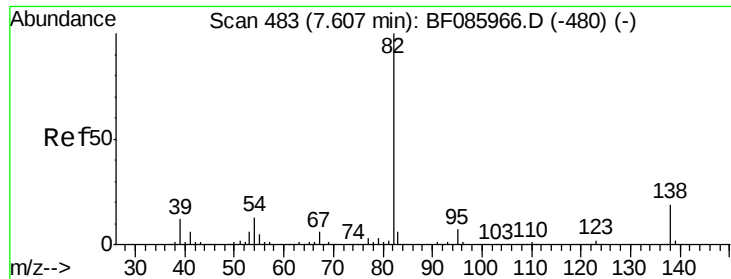
Tgt Ion:	136	Resp:	450623
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.0	7.4	11.0
68	7.4	5.8	8.8



#23
Nitrobenzene-d5
Concen: 85.69 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Tgt Ion:	82	Resp:	654744
Ion	Ratio	Lower	Upper
82	100		
128	45.7	41.8	62.8
54	45.2	33.4	50.0

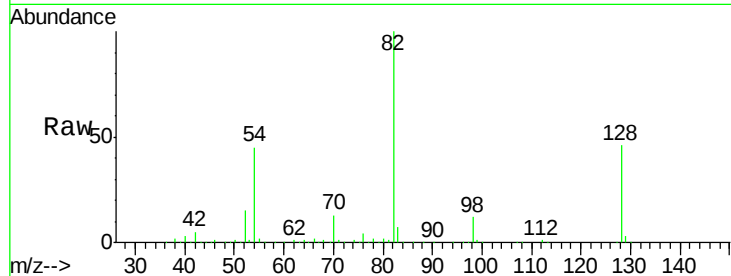




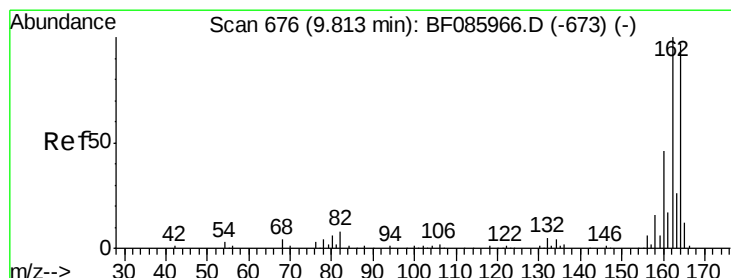
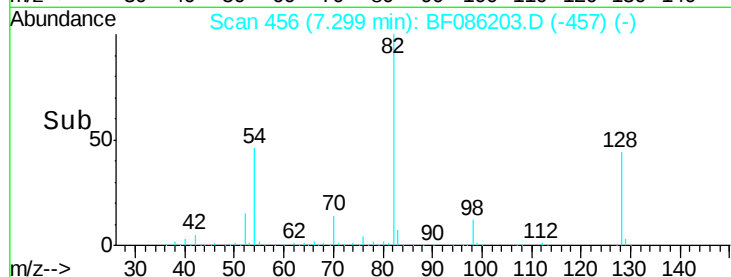
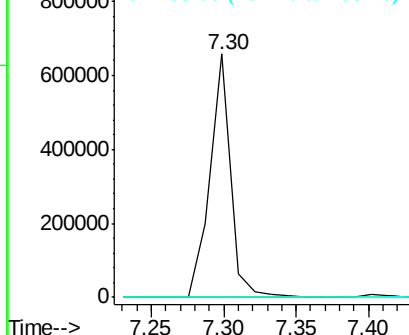
#25
Isophorone
Concen: 43.26 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5

Tgt Ion: 82 Resp: 652456
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#

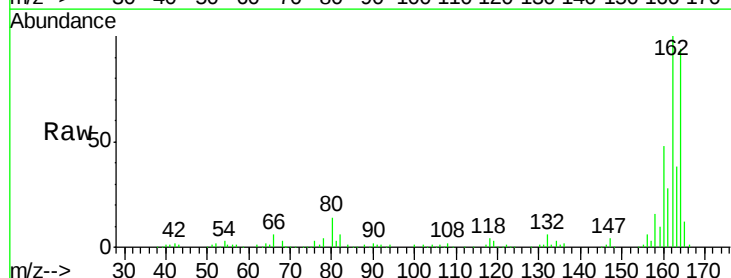


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

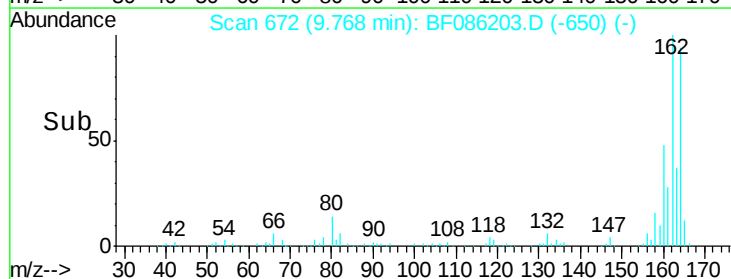
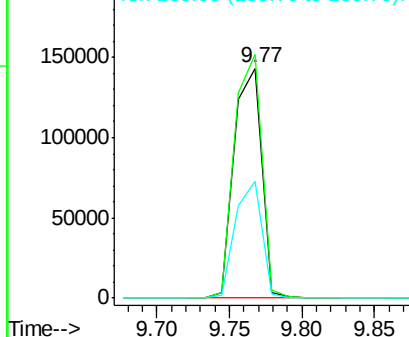


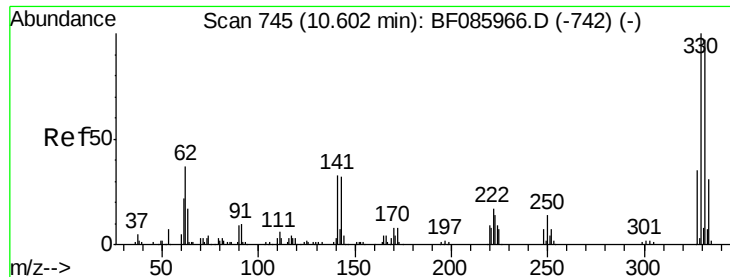
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Tgt Ion: 164 Resp: 189068
Ion Ratio Lower Upper
164 100
162 105.9 82.1 123.1
160 50.7 37.4 56.2



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

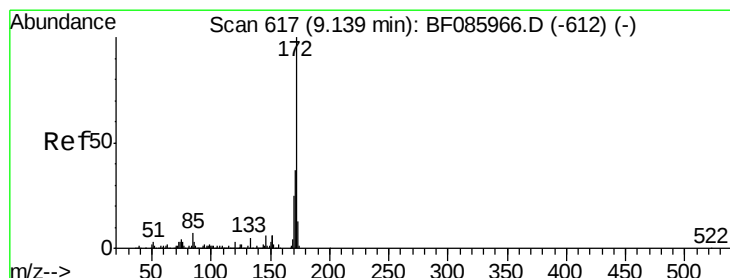
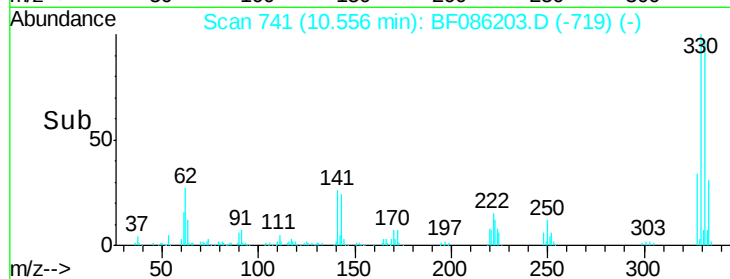
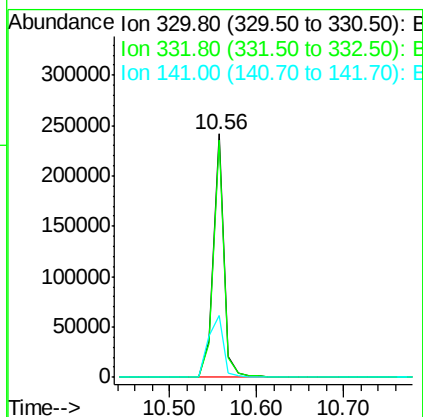
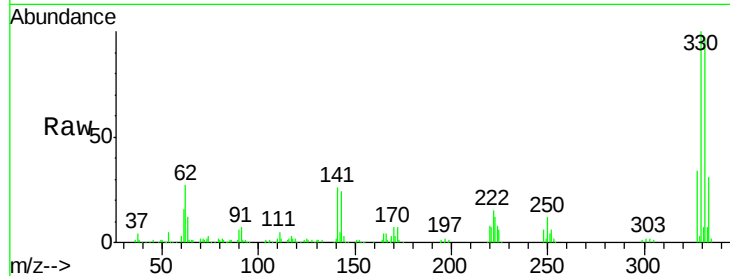




#41
 2,4,6-Tribromophenol
 Concen: 119.31 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

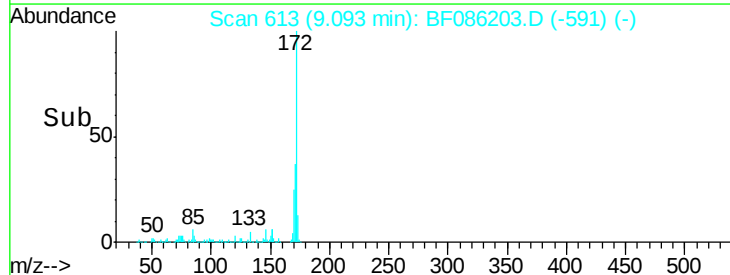
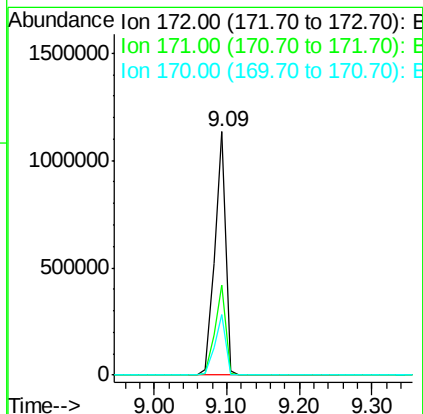
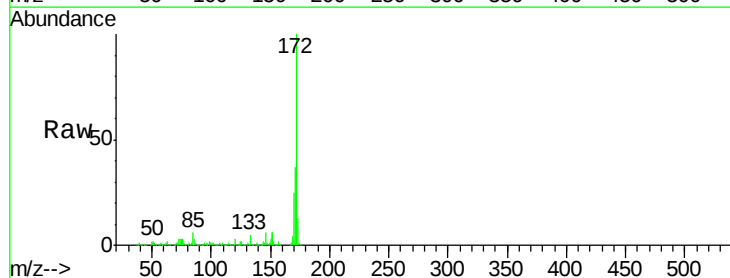
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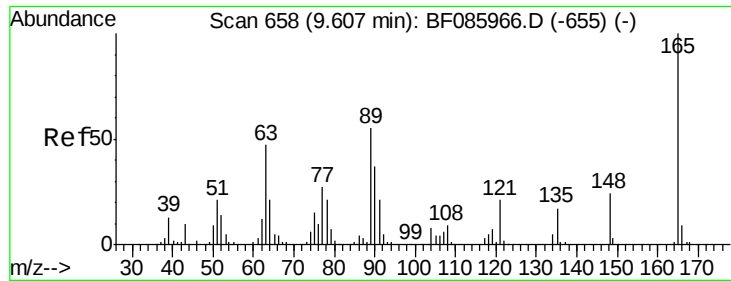
Tgt Ion:330 Resp: 211716
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 36.4 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 103.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Tgt Ion:172 Resp: 1175487
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.7 19.8 29.6

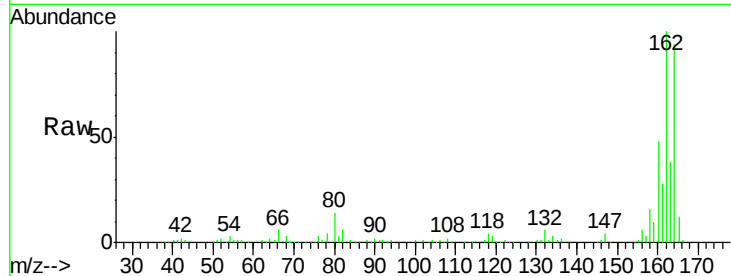




#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

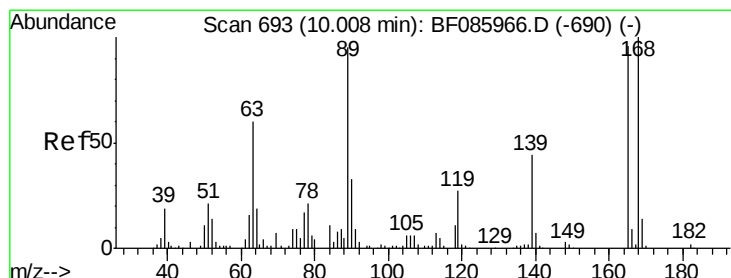
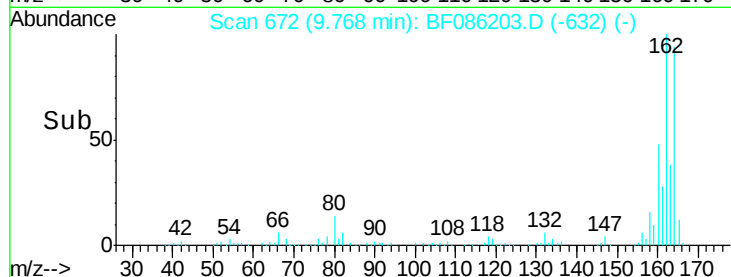
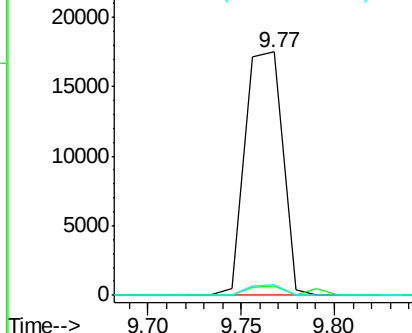
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.6	51.8	77.8#
89	4.3	53.7	80.5#



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: 6.50 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

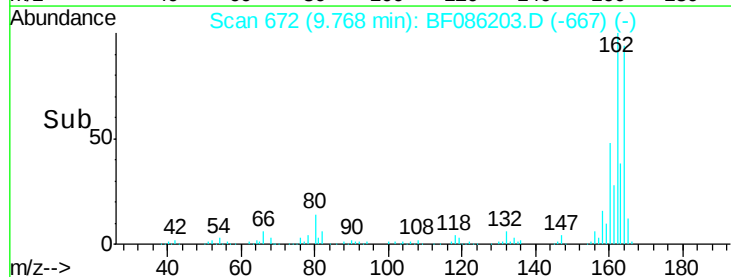
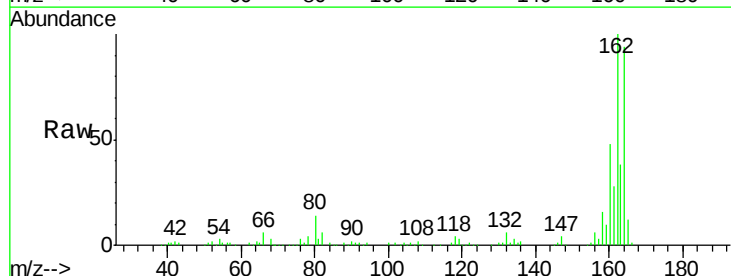
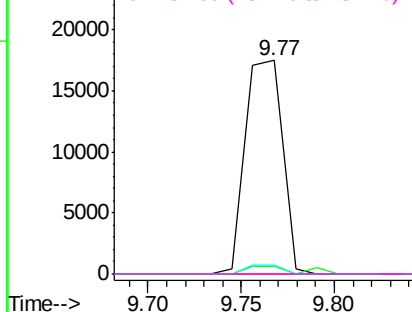
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.6	24.9	37.3#
89	4.3	41.0	61.6#
182	0.0	2.1	3.1#

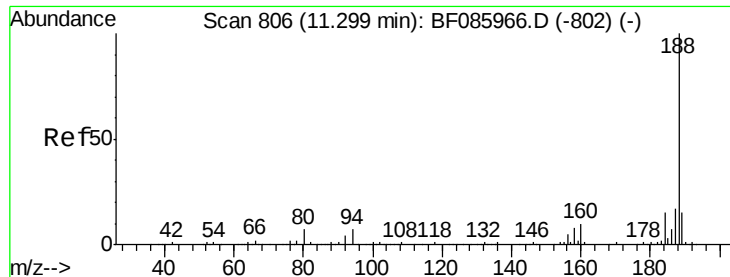
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

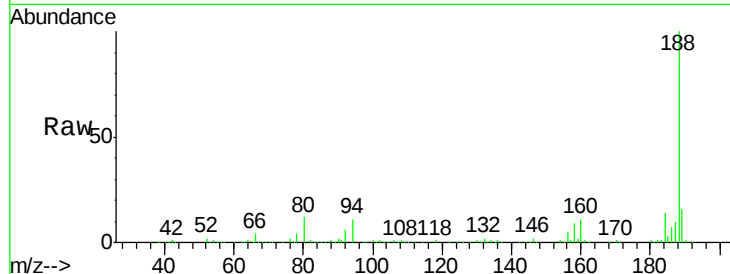




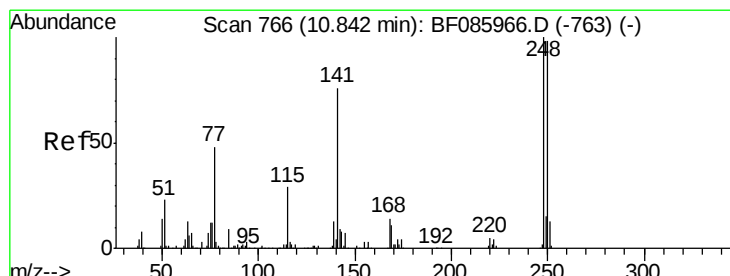
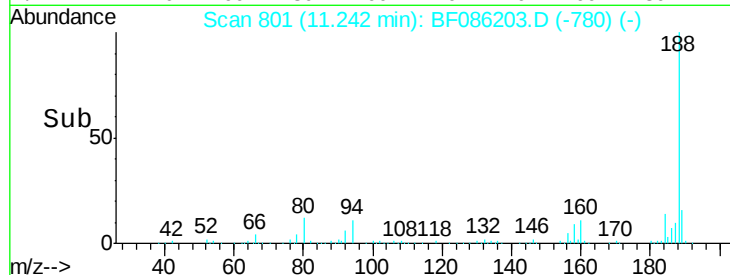
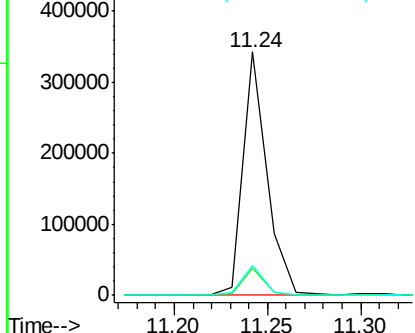
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5

Tgt Ion:188 Resp: 307444
 Ion Ratio Lower Upper
 188 100
 94 11.1 5.4 8.0#
 80 12.2 5.5 8.3#

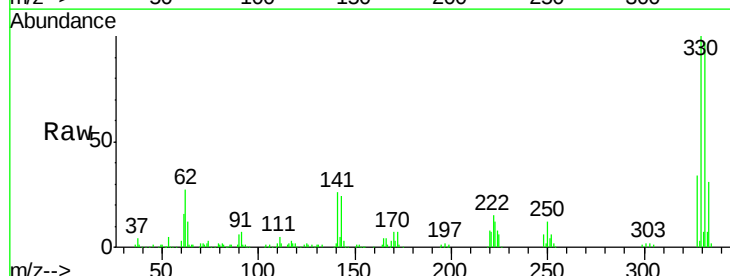


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

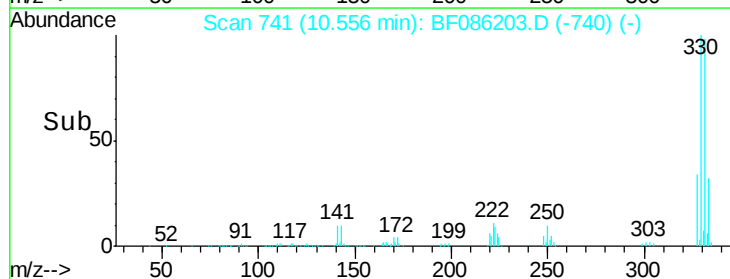
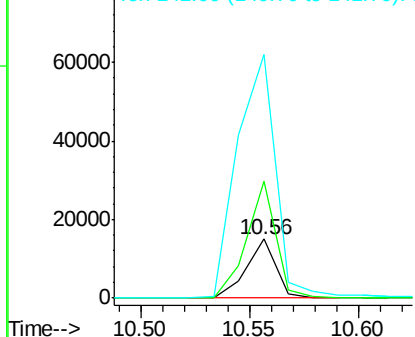


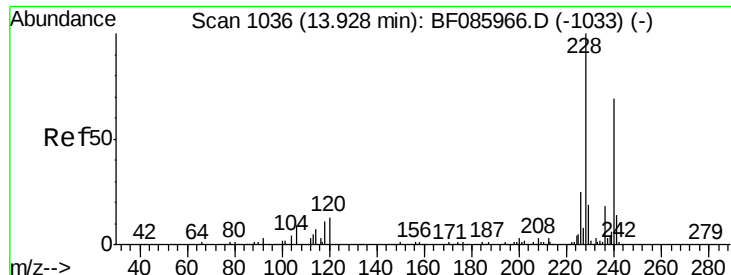
#66
 4-Bromophenyl-phenylether
 Concen: 4.41 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.29 min
 Lab File: BF086203.D
 Acq: 9 Apr 2016 7:38

Tgt Ion:248 Resp: 13839
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.4 116.0#
 141 414.0 63.6 95.4#



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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

Instrument :

BNA_F

ClientSampleId :

SUMPPUMP-5

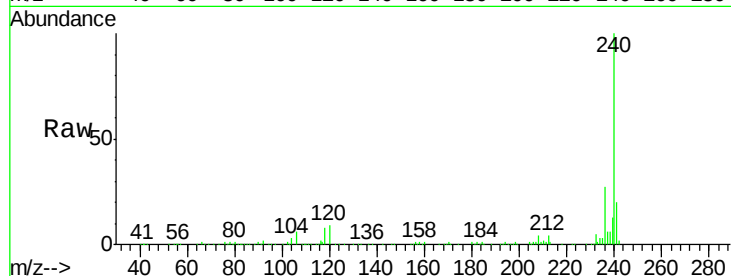
Tgt Ion:240 Resp: 247260

Ion Ratio Lower Upper

240 100

120 9.0 13.8 20.8#

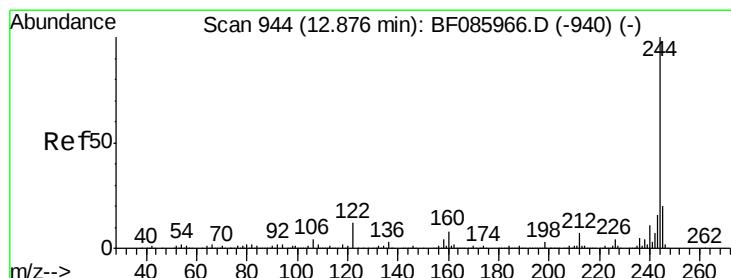
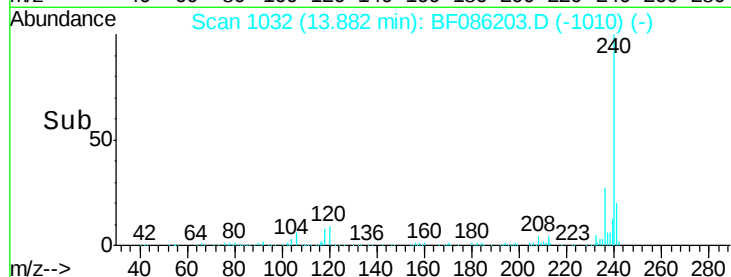
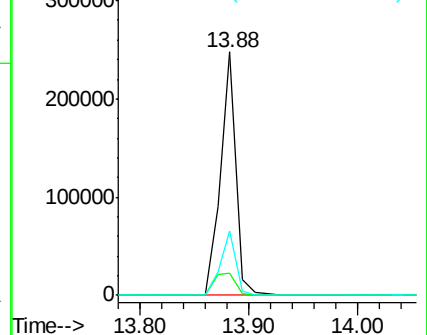
236 26.7 20.6 30.8



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: 66.60 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086203.D

Acq: 9 Apr 2016 7:38

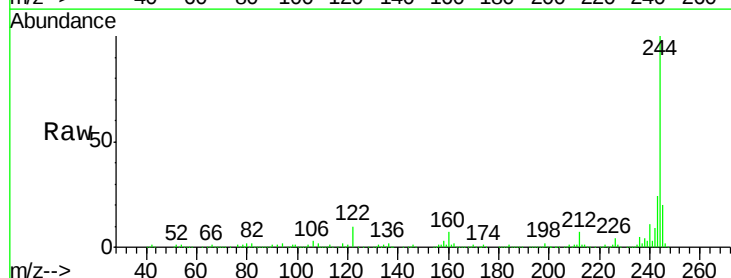
Tgt Ion:244 Resp: 700562

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

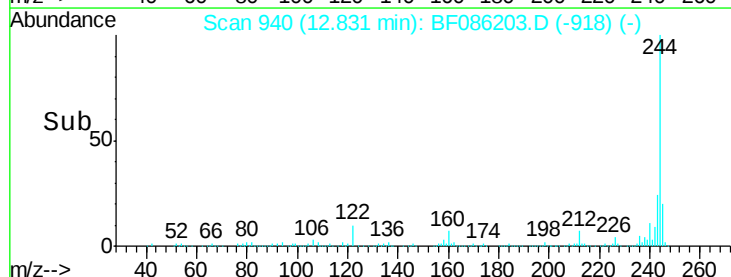
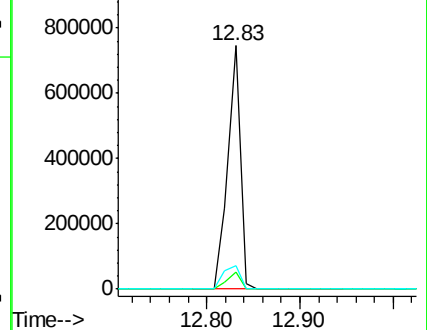
122 9.8 10.2 15.4#

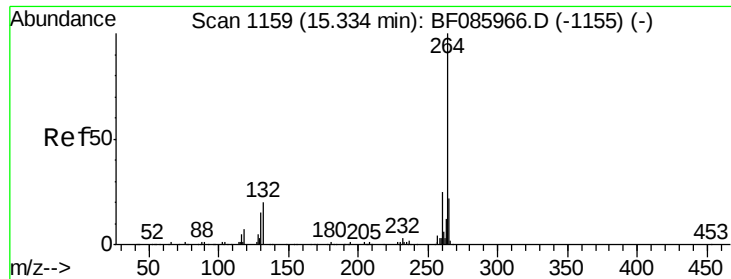


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086203.D
Acq: 9 Apr 2016 7:38

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.6	17.2	25.8

