

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086375.D
 Acq On : 23 Apr 2016 7:18
 Operator : UM/SJ
 Sample : H2634-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11 DUPLICATE

Quant Time: Apr 25 00:43:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

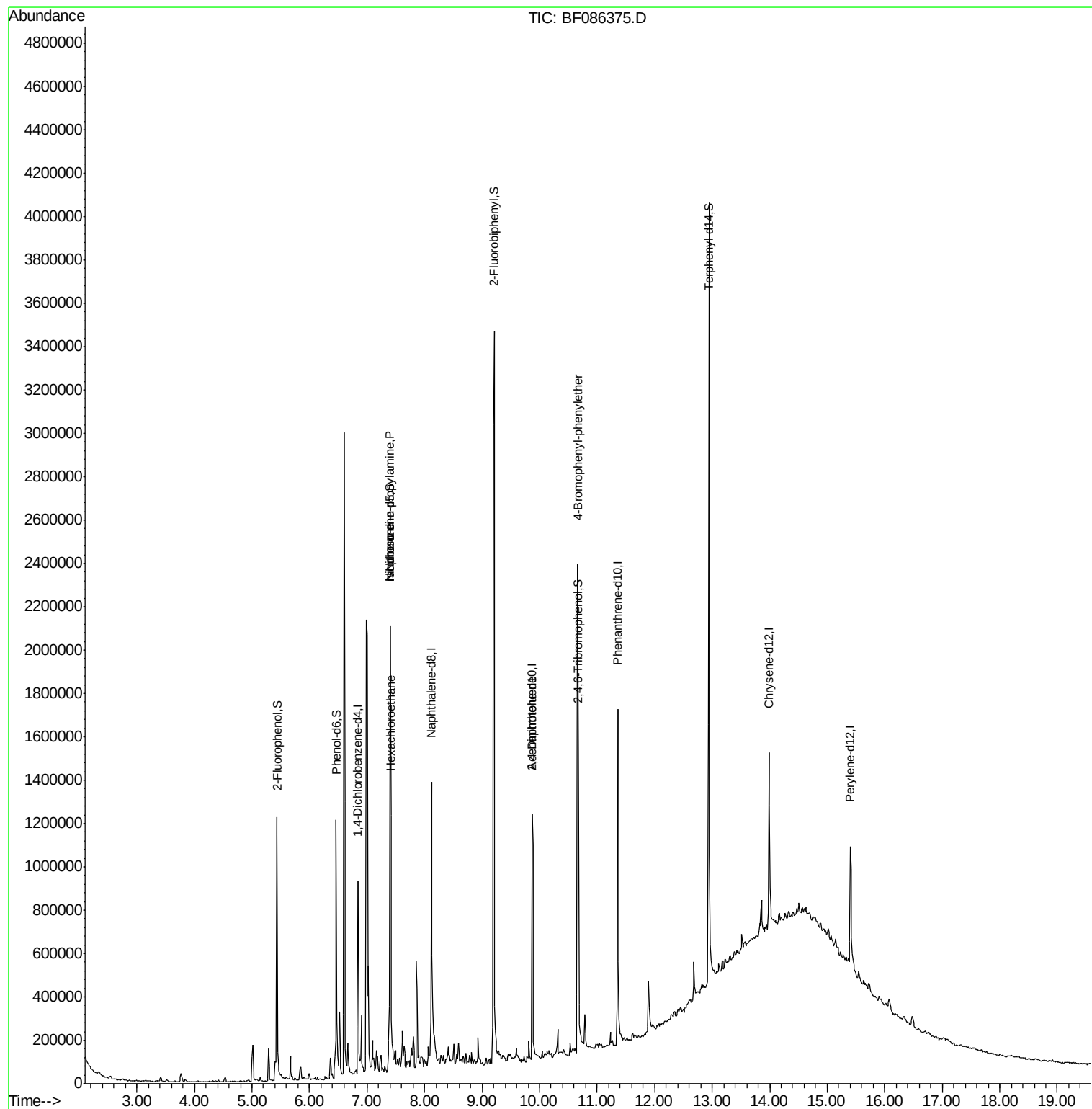
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	173170	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	744804	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	345070	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	699603	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	447050	20.00	ng	-0.01
86) Perylene-d12	15.40	264	370439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	585347	58.37	ng	0.01
7) Phenol-d6	6.46	99	529237	38.82	ng	-0.01
23) Nitrobenzene-d5	7.40	82	909318	72.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	395190	126.51	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1750674	86.58	ng	0.00
78) Terphenyl-d14	12.94	244	1347633	74.90	ng	0.00
Target Compounds						
18) Hexachloroethane	7.41	117	161368	33.40	ng	# 9
19) n-Nitroso-di-n-propylamine	7.40	70	123695	15.18	ng	# 83
25) Isophorone	7.40	82	890053	36.12	ng	# 69
56) 2,4-Dinitrotoluene	9.87	165	46200	6.46	ng	# 17
66) 4-Bromophenyl-phenylether	10.66	248	24257	3.54	ng	# 1

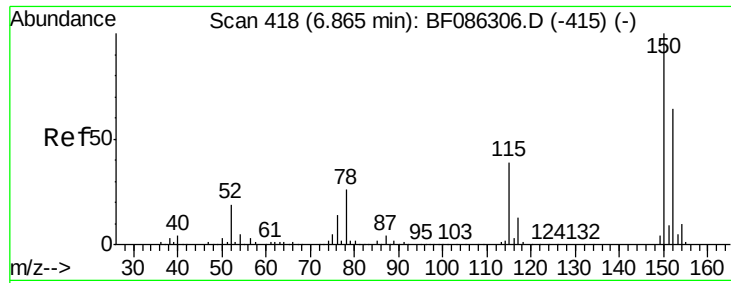
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086375.D
Acq On : 23 Apr 2016 7:18
Operator : UM/SJ
Sample : H2634-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11 DUPLICATE

Quant Time: Apr 25 00:43:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

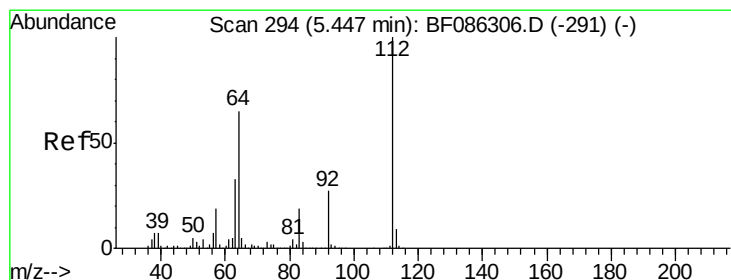
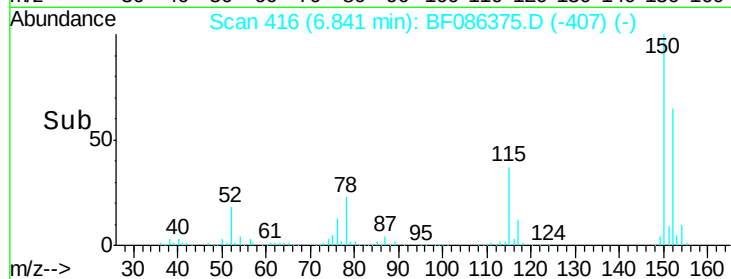
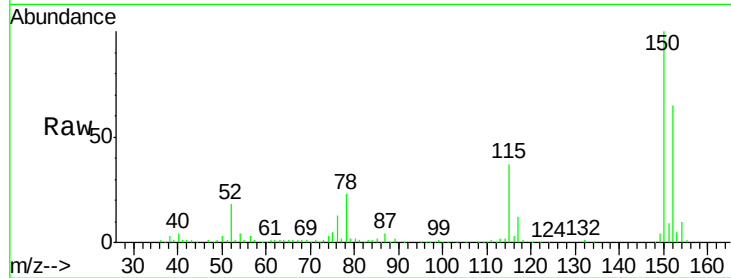
Tgt Ion:152 Resp: 173170

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

115 57.4 51.5 77.3



#5

2-Fluorophenol

Concen: 58.37 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

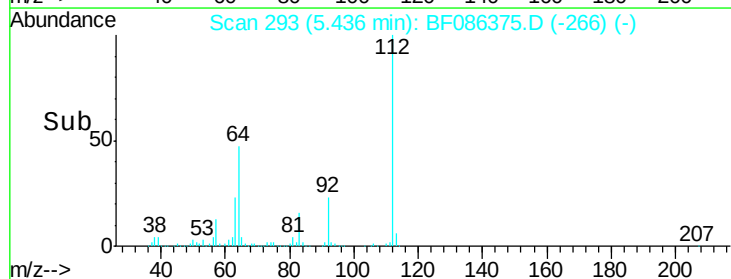
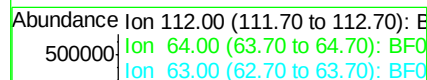
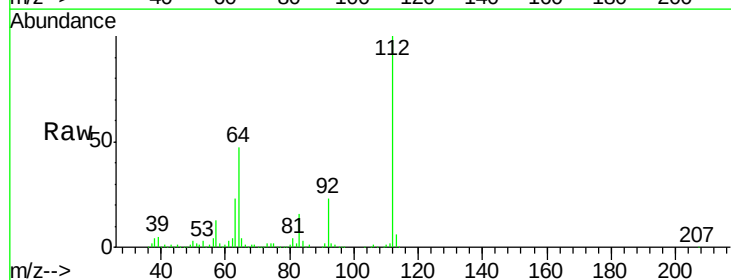
Tgt Ion:112 Resp: 585347

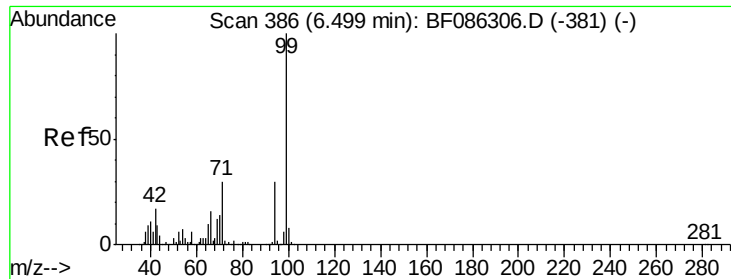
Ion Ratio Lower Upper

112 100

64 47.0 52.1 78.1#

63 23.1 25.7 38.5#





#7

Phenol-d6

Concen: 38.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

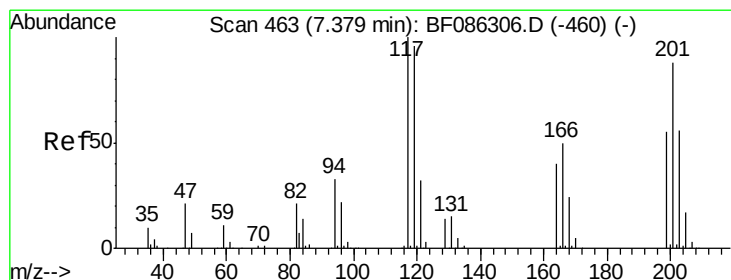
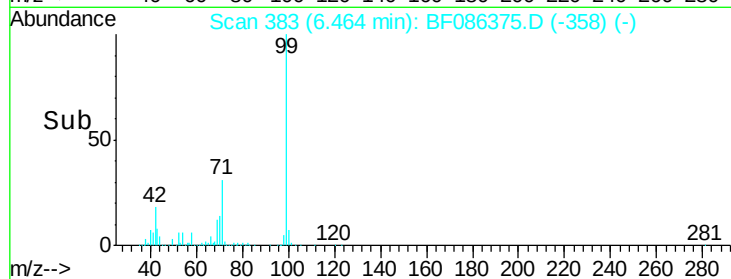
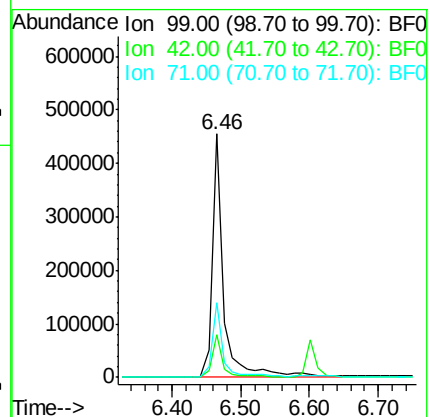
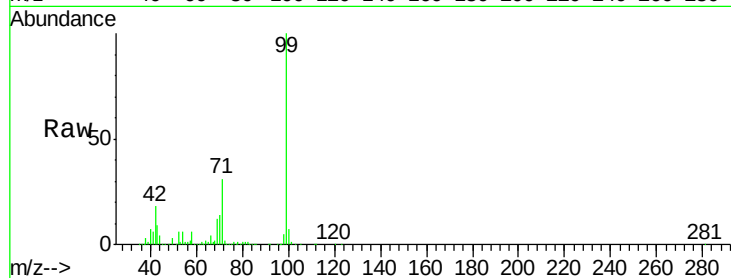
Tgt Ion: 99 Resp: 529237

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

71 30.9 24.6 36.8



#18

Hexachloroethane

Concen: 33.40 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.06 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

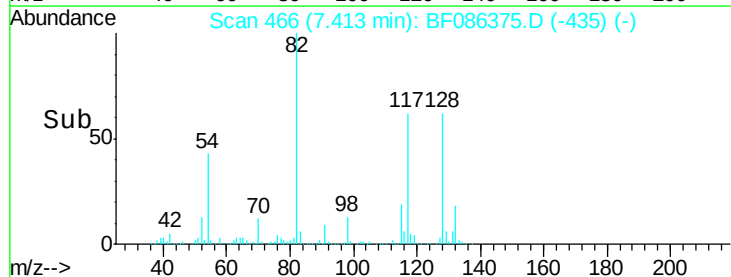
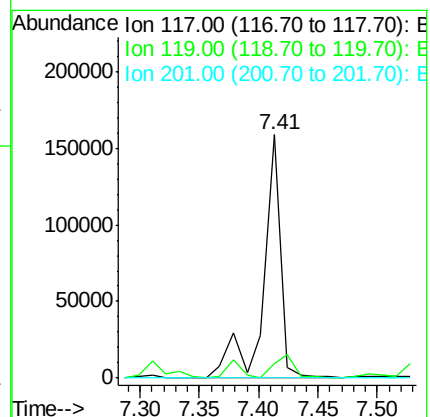
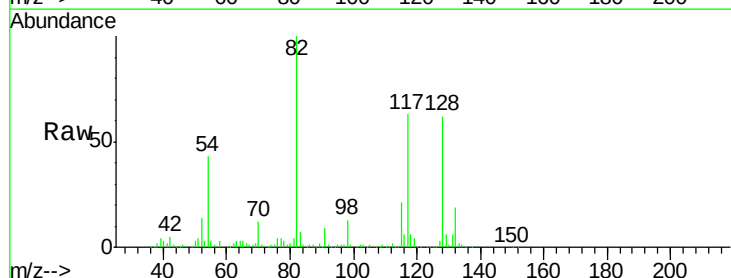
Tgt Ion: 117 Resp: 161368

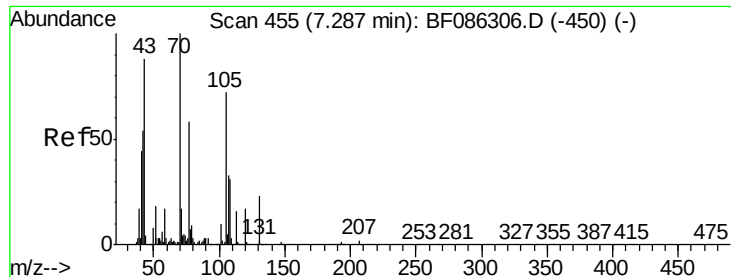
Ion Ratio Lower Upper

117 100

119 5.8 76.5 114.7#

201 0.0 63.0 94.6#

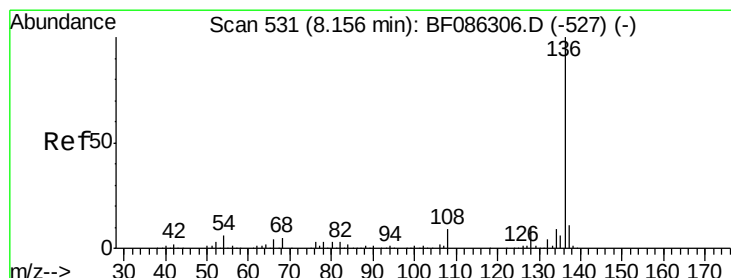
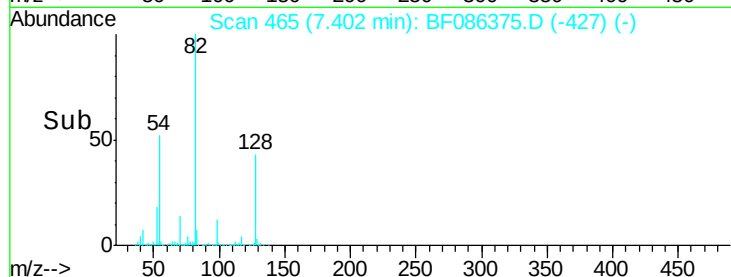
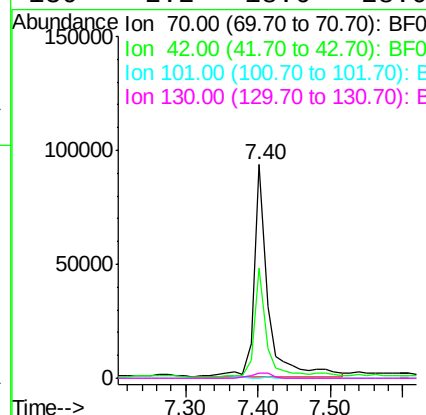
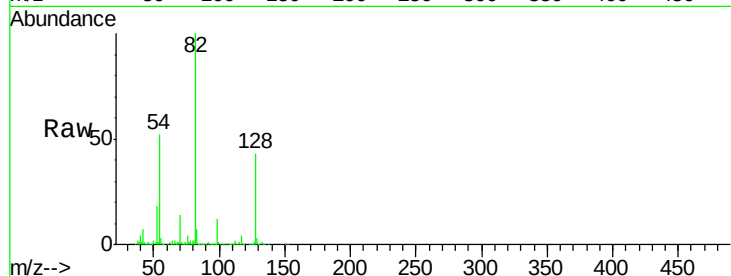




#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086375.D
Acq: 23 Apr 2016 7:18

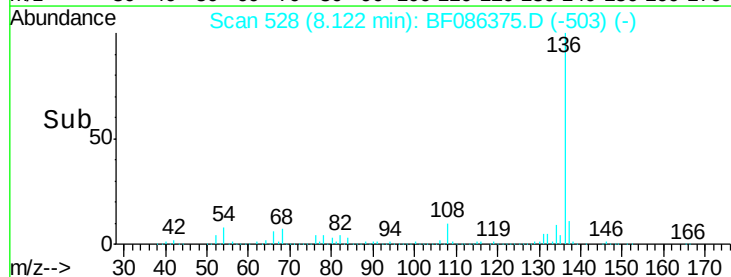
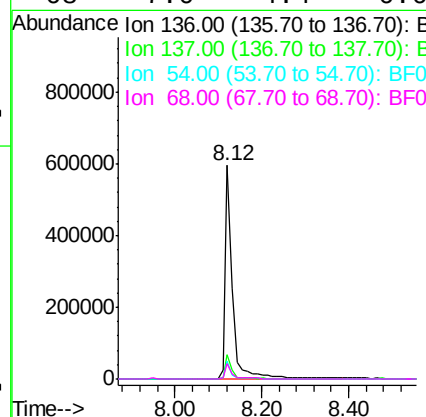
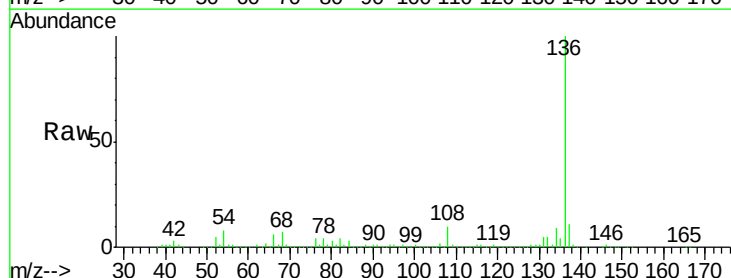
Instrument :
BNA_F
ClientSampleId :
MW-11 DUPLICATE

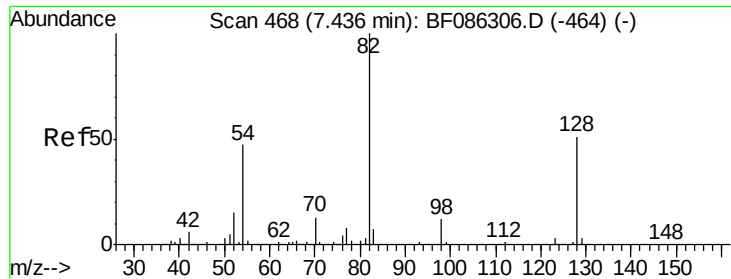
Tgt Ion:	70	Resp:	123695
Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086375.D
Acq: 23 Apr 2016 7:18

Tgt Ion:	136	Resp:	744804
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	5.0	7.4#
68	7.0	4.4	6.6#

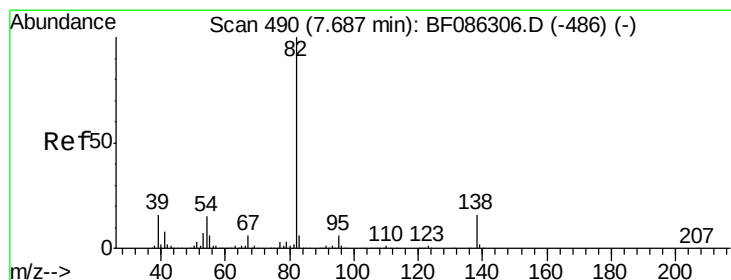
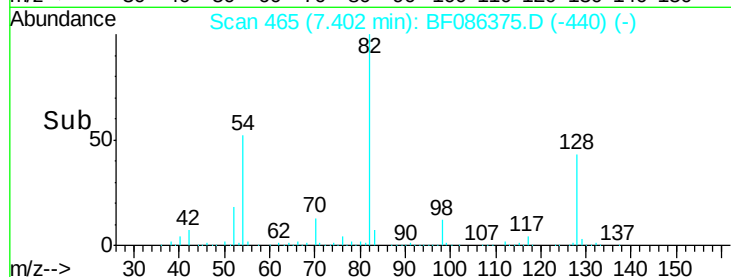
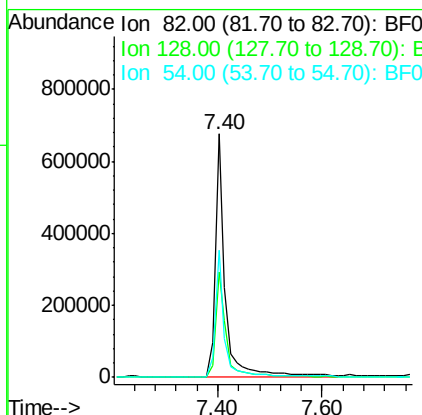
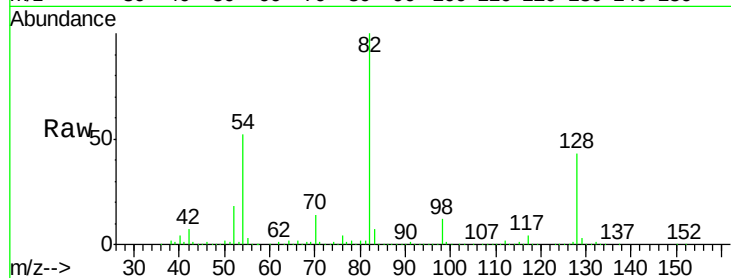




#23
 Nitrobenzene-d5
 Concen: 72.32 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

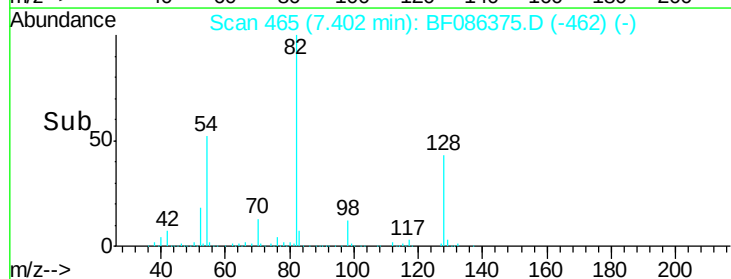
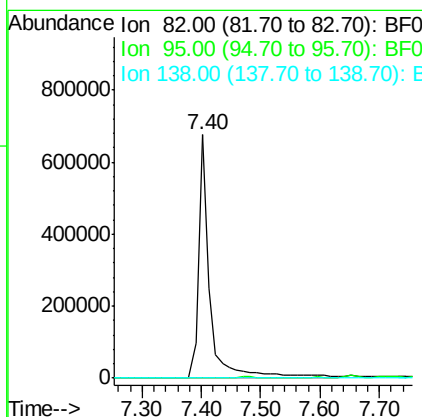
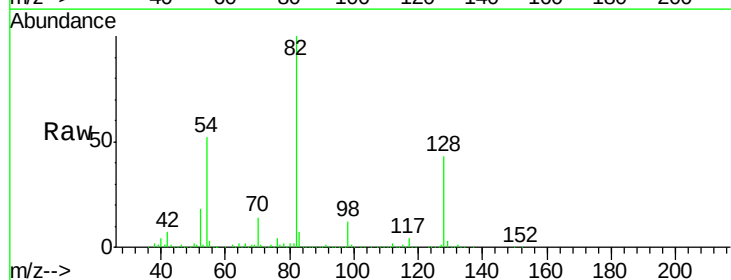
Instrument :
 BNA_F
 ClientSampleId :
 MW-11 DUPLICATE

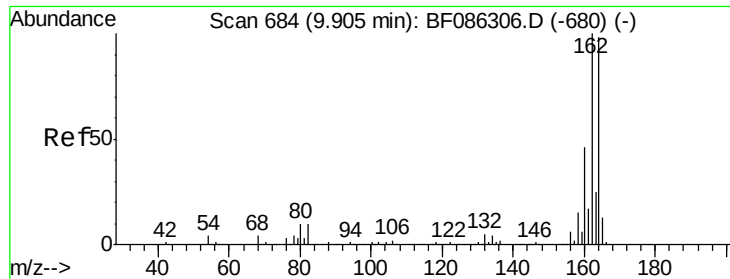
Tgt Ion: 82 Resp: 909318
 Ion Ratio Lower Upper
 82 100
 128 43.4 40.6 61.0
 54 52.0 38.1 57.1



#25
 Isophorone
 Concen: 36.12 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.26 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

Tgt Ion: 82 Resp: 890053
 Ion Ratio Lower Upper
 82 100
 95 0.3 5.1 7.7#
 138 0.0 12.4 18.6#

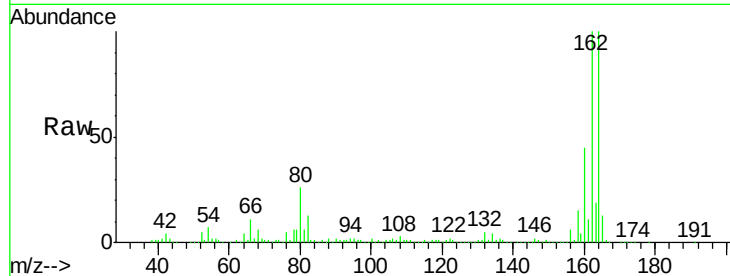




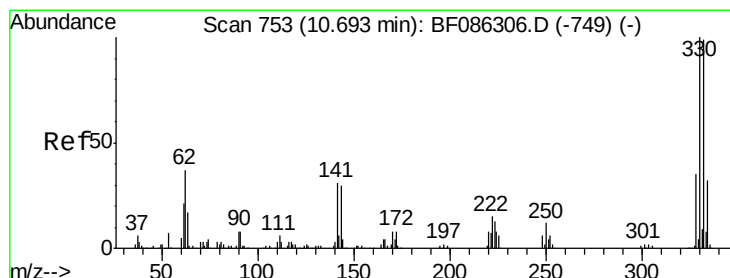
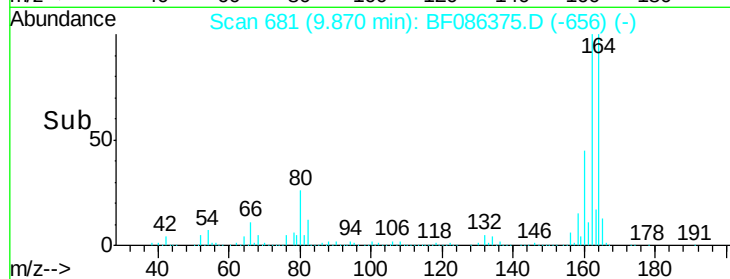
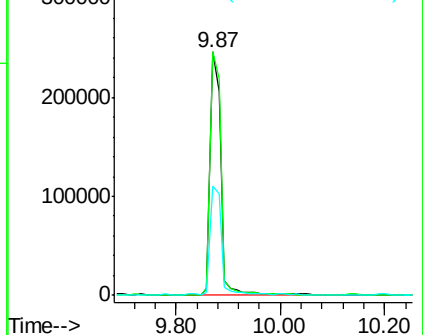
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086375.D
Acq: 23 Apr 2016 7:18

Instrument :
BNA_F
ClientSampleId :
MW-11 DUPLICATE

Tgt Ion:164 Resp: 345070
Ion Ratio Lower Upper
164 100
162 99.8 82.8 124.2
160 45.0 36.9 55.3

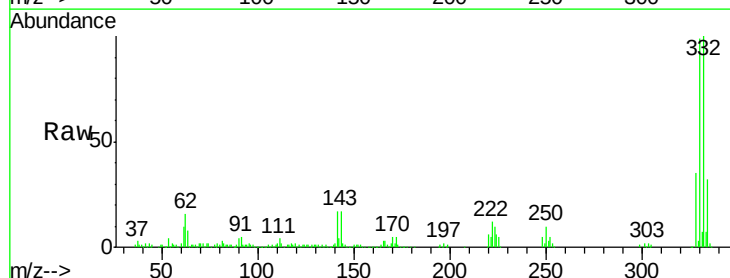


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

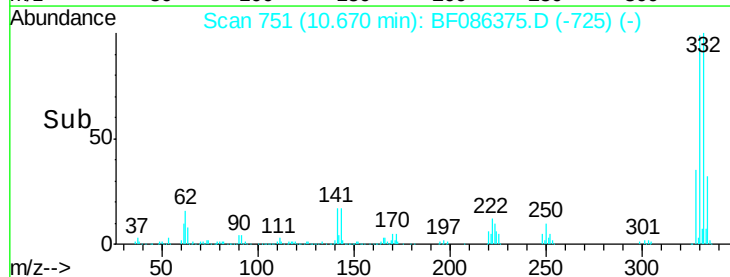
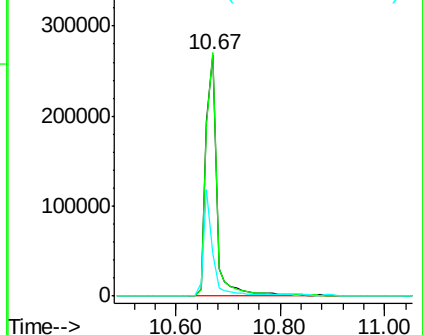


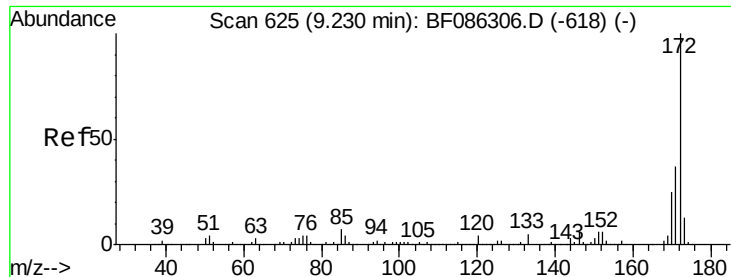
#41
2,4,6-Tribromophenol
Concen: 126.51 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF086375.D
Acq: 23 Apr 2016 7:18

Tgt Ion:330 Resp: 395190
Ion Ratio Lower Upper
330 100
332 99.4 79.0 118.4
141 36.4 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

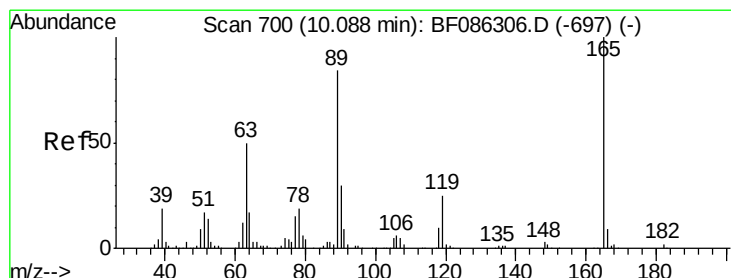
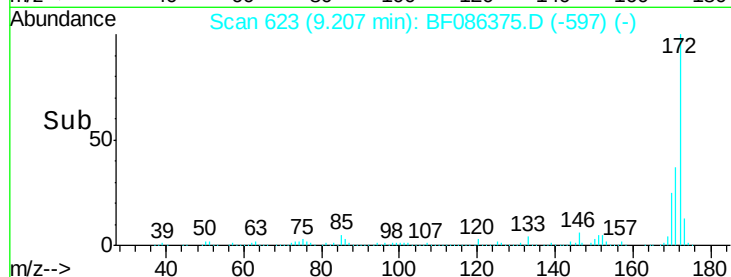
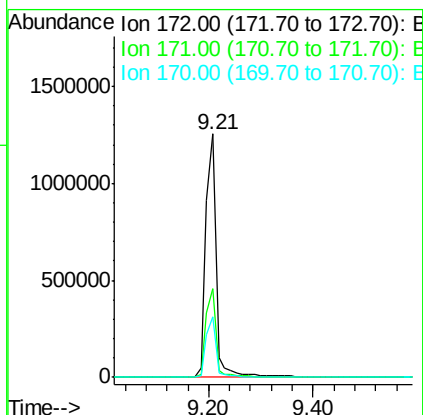
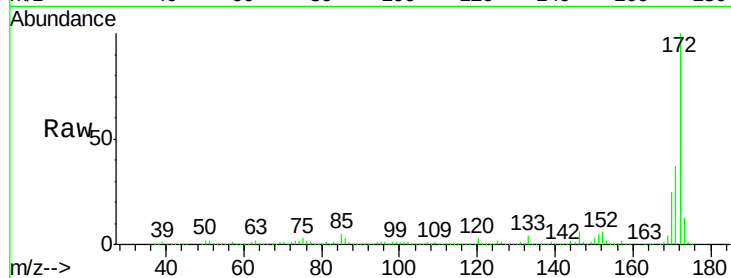




#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

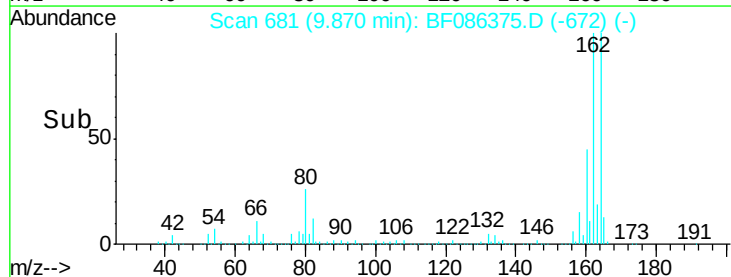
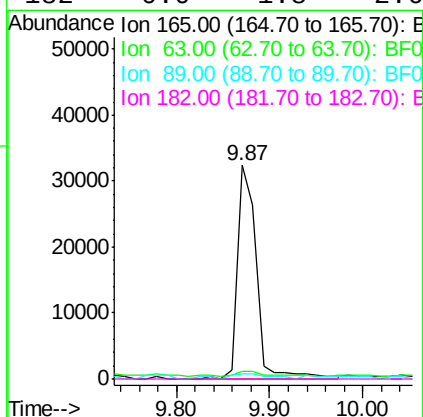
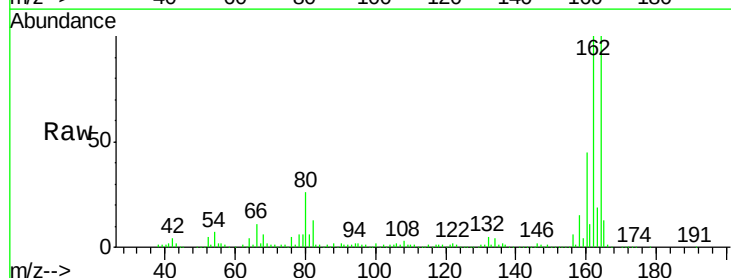
Instrument :
 BNA_F
 ClientSampleId :
 MW-11 DUPLICATE

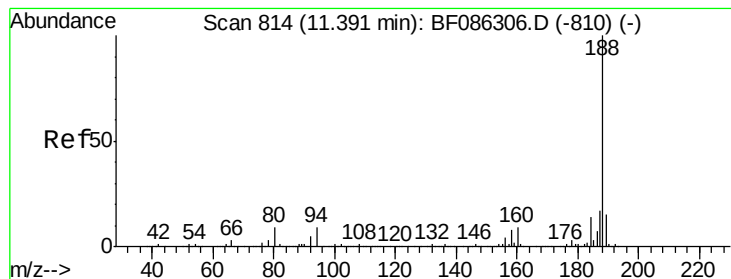
Tgt Ion:172 Resp: 1750674
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 19.8 29.8



#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

Tgt Ion:165 Resp: 46200
 Ion Ratio Lower Upper
 165 100
 63 3.5 44.3 66.5#
 89 2.4 70.0 105.0#
 182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

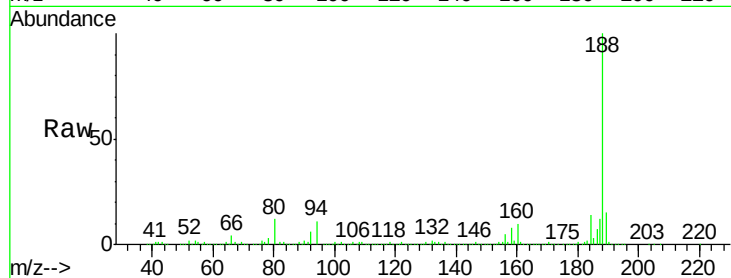
Tgt Ion:188 Resp: 699603

Ion Ratio Lower Upper

188 100

94 11.0 6.8 10.2#

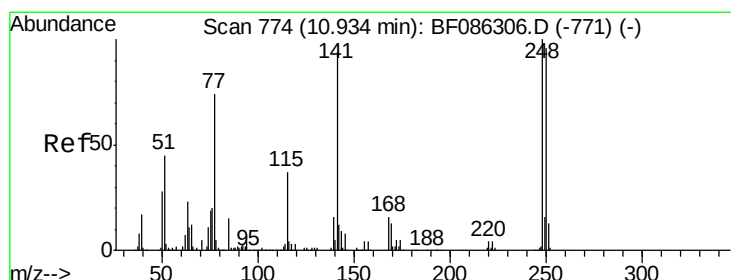
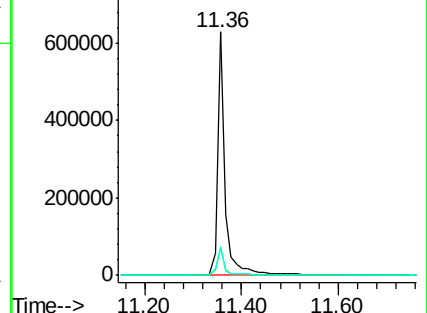
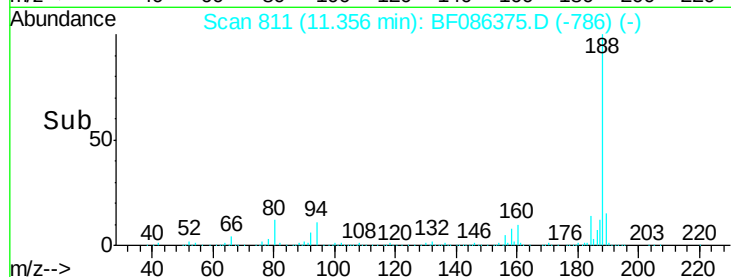
80 11.7 7.1 10.7#



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: 3.54 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

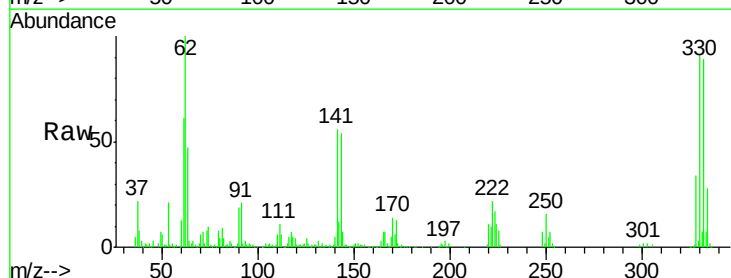
Tgt Ion:248 Resp: 24257

Ion Ratio Lower Upper

248 100

250 217.2 78.6 117.8#

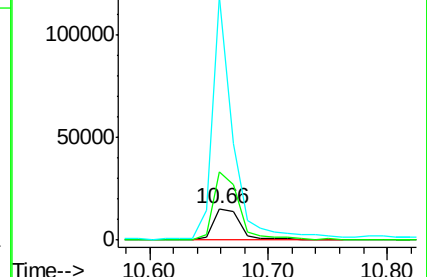
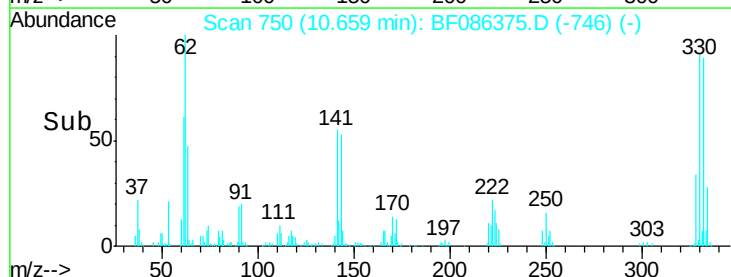
141 777.0 76.0 114.0#

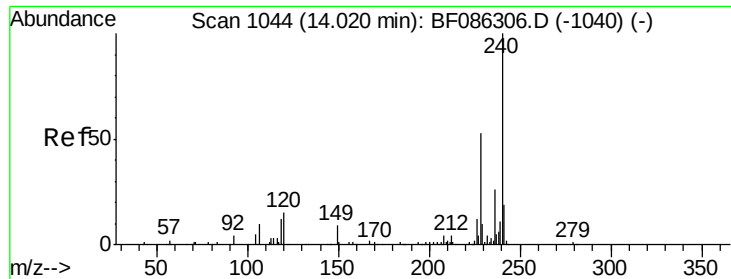


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

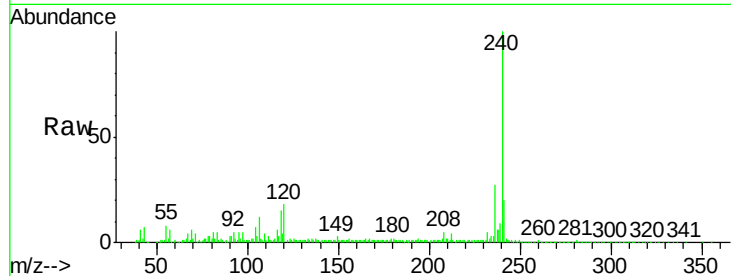
Tgt Ion:240 Resp: 447050

Ion Ratio Lower Upper

240 100

120 18.3 11.2 16.8#

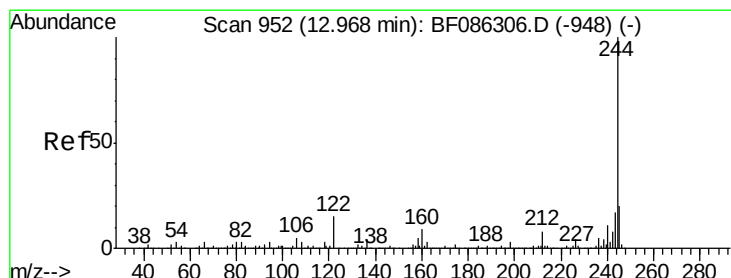
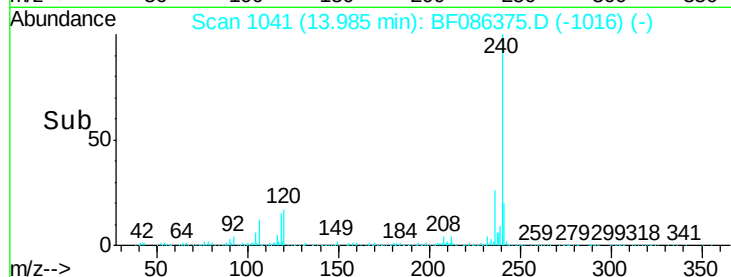
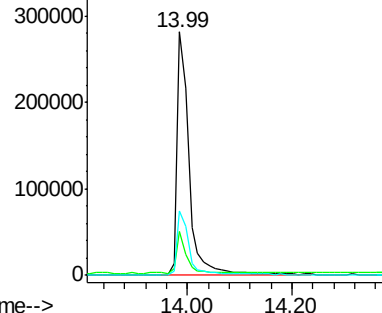
236 26.6 21.2 31.8



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: 74.90 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

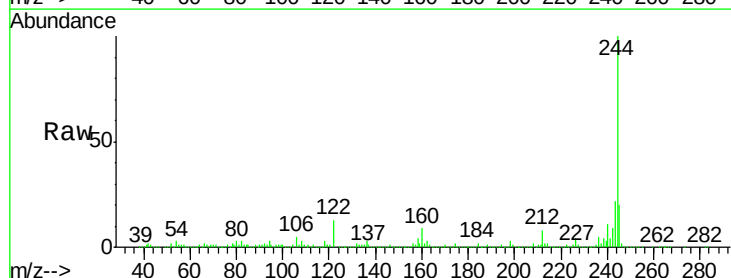
Tgt Ion:244 Resp: 1347633

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

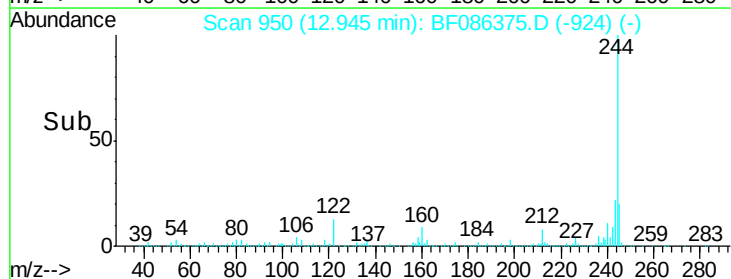
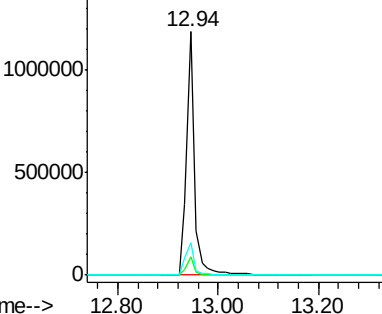
122 13.5 12.0 18.0

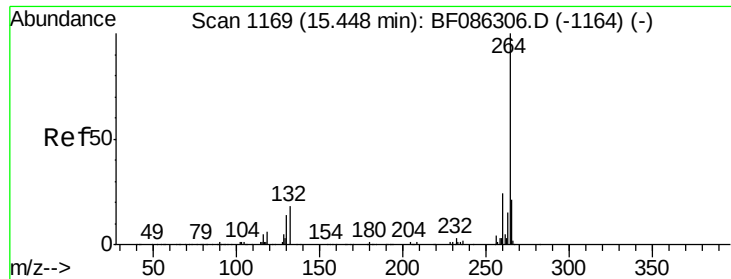


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

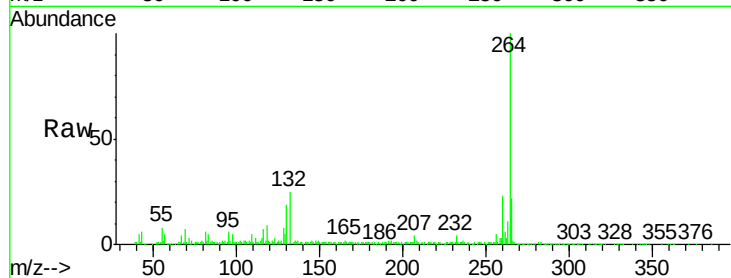




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086375.D
Acq: 23 Apr 2016 7:18

Instrument :
BNA_F
ClientSampleId :
MW-11 DUPLICATE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.8	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

