

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
 Data File : BF084521.D
 Acq On : 16 Jan 2016 5:48
 Operator : SJ/UM
 Sample : H1144-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

Quant Time: Jan 18 00:08:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

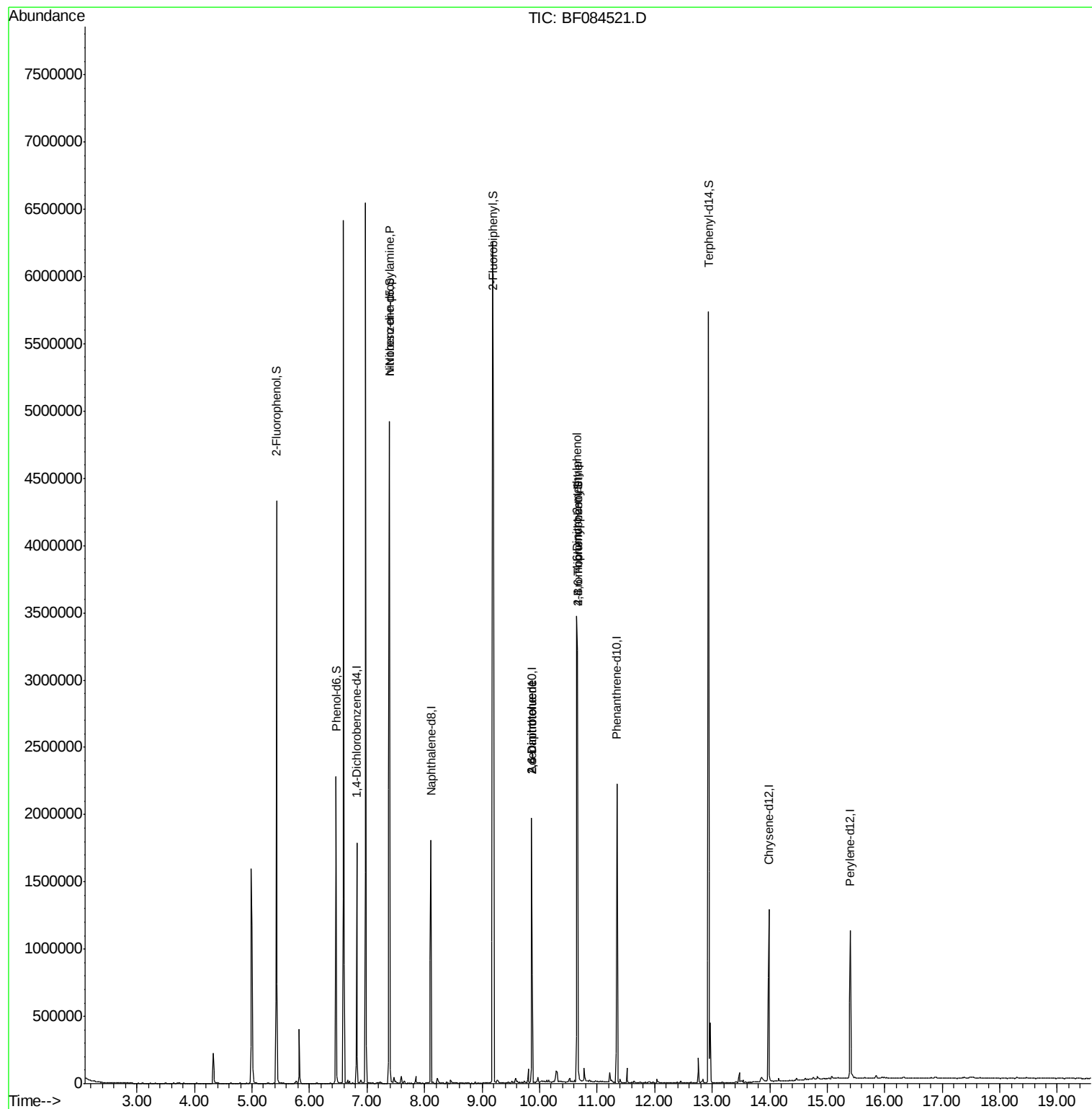
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	238798	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	959225	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	410665	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	734154	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	545305	20.00	ng	-0.01
86) Perylene-d12	15.40	264	499150	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1108642	75.09	ng	-0.01
7) Phenol-d6	6.46	99	1014468	54.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1680291	97.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	649081	156.56	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2748707	120.38	ng	-0.01
78) Terphenyl-d14	12.93	244	1831459	74.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	237213	18.90	ng	# 73
50) 2,6-Dinitrotoluene	9.86	165	54928	8.53	ng	# 37
54) Dibenzofuran	10.06	168	217	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.86	165	54930	6.74	ng	# 21
57) Fluorene	10.65	166	27559	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.65	198	1037	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	39799	5.04	ng	# 1
73) Di-n-butylphthalate	11.92	149	5496	Below Cal		# 93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084521.D
Acq On : 16 Jan 2016 5:48
Operator : SJ/UM
Sample : H1144-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-3

Quant Time: Jan 18 00:08:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

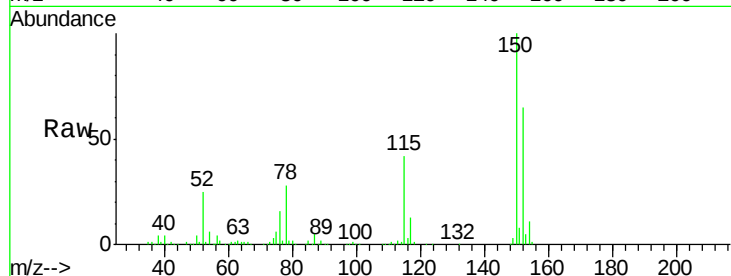
Tgt Ion:152 Resp: 238798

Ion Ratio Lower Upper

152 100

150 154.0 123.0 184.4

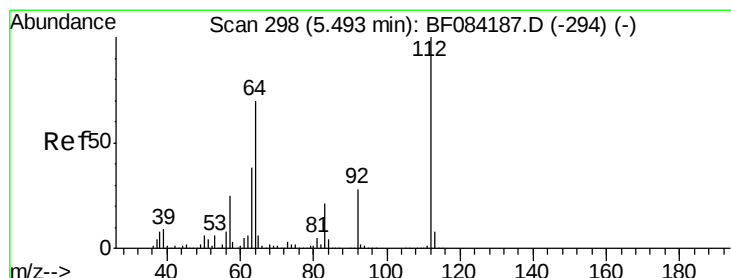
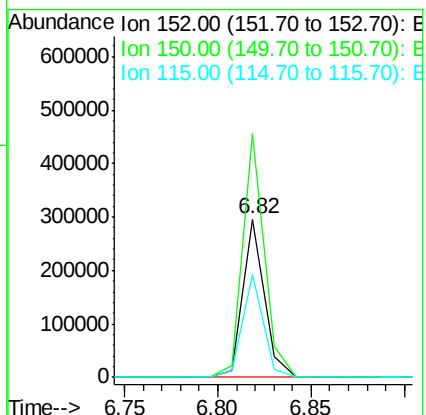
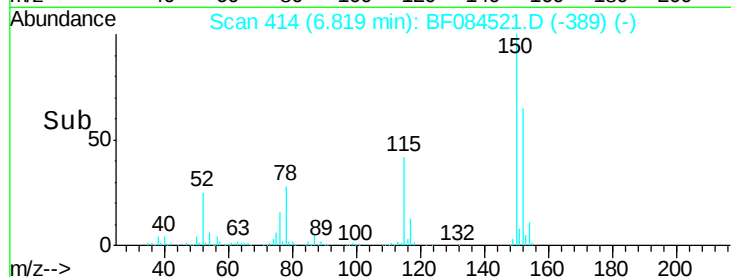
115 64.8 51.4 77.2



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: 75.09 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

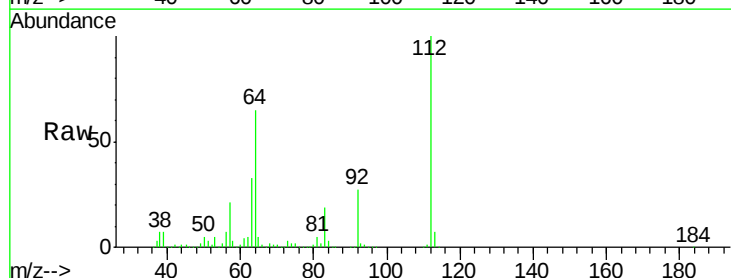
Tgt Ion:112 Resp: 1108642

Ion Ratio Lower Upper

112 100

64 64.6 36.6 55.0#

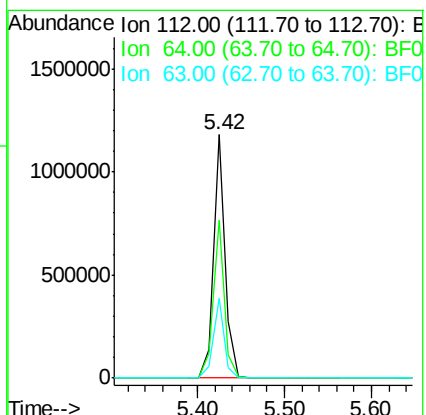
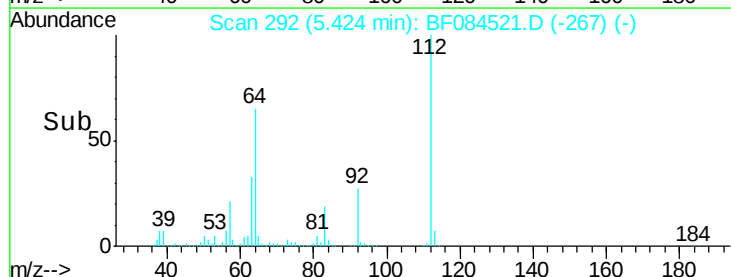
63 32.9 19.4 29.0#



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: 54.71 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

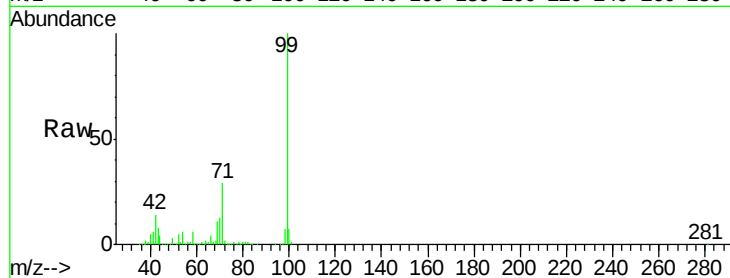
Tgt Ion: 99 Resp: 1014468

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

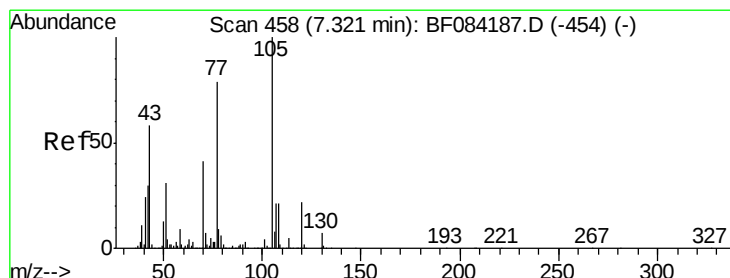
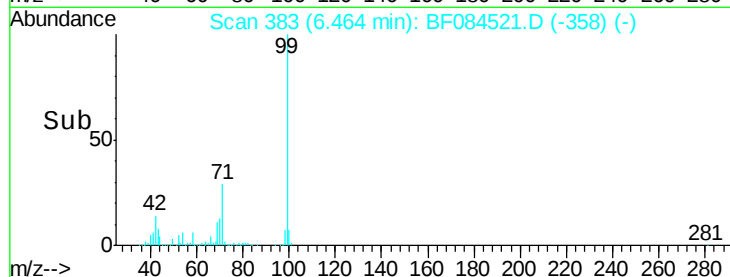
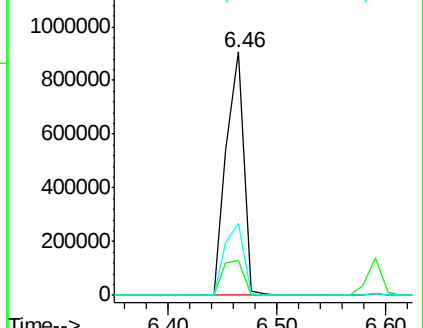
71 29.4 30.9 46.3#



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: 18.90 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.14 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Tgt Ion: 70 Resp: 237213

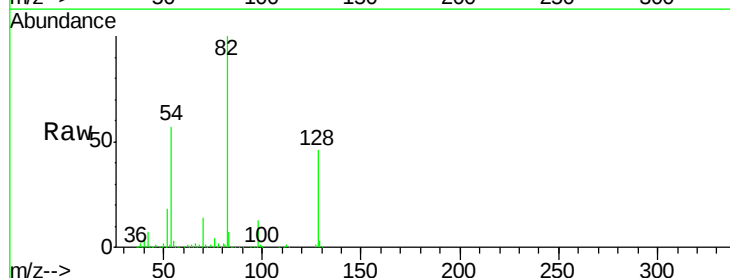
Ion Ratio Lower Upper

70 100

42 47.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

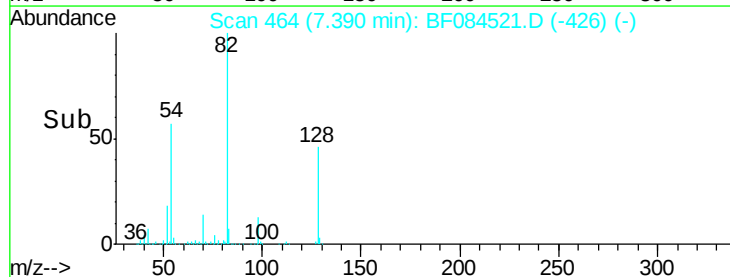
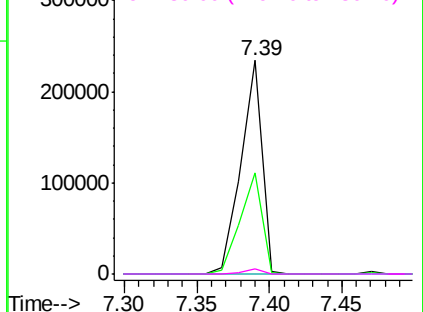


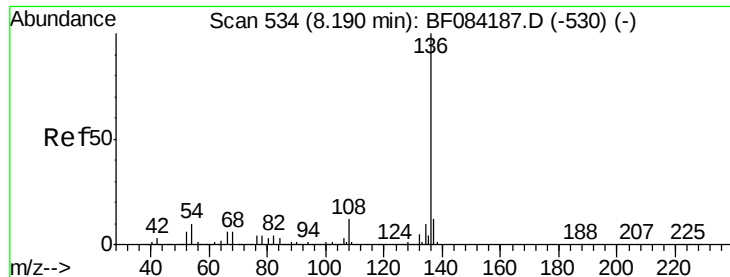
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

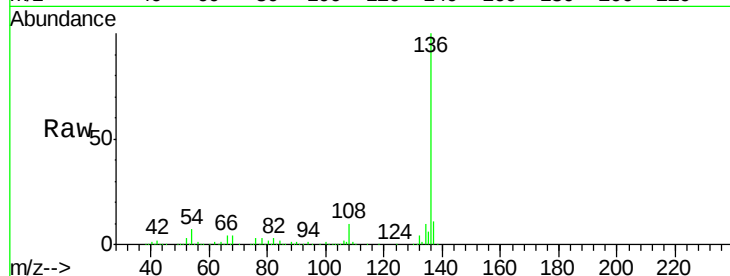




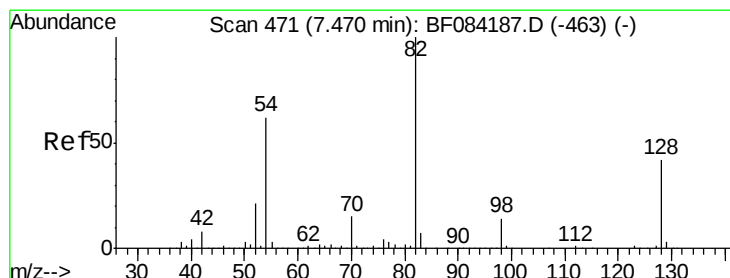
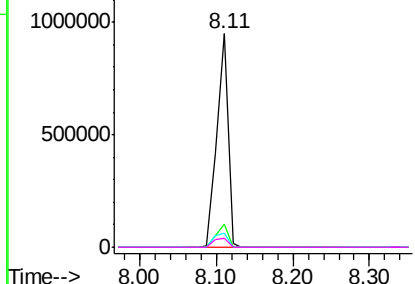
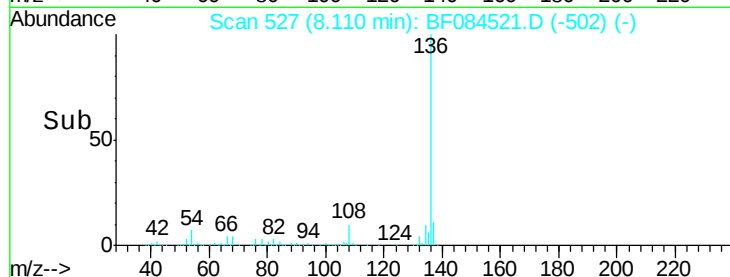
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Instrument :
BNA_F
ClientSampleId :
TWP-3

Tgt Ion:	136	Resp:	959225
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.8	8.8
68	4.4	4.2	6.2

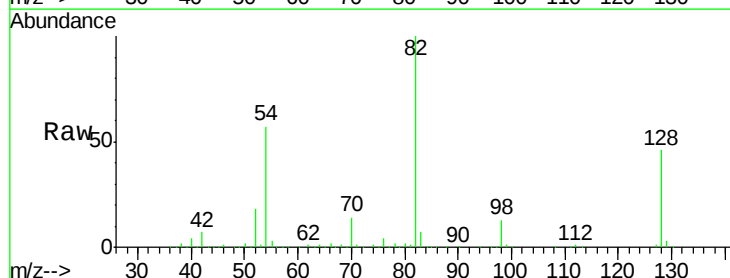


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

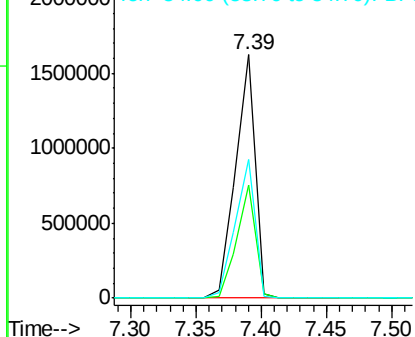
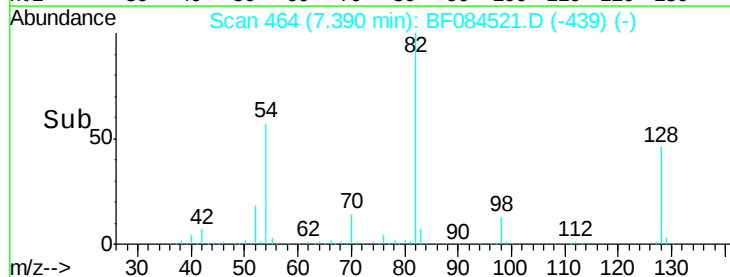


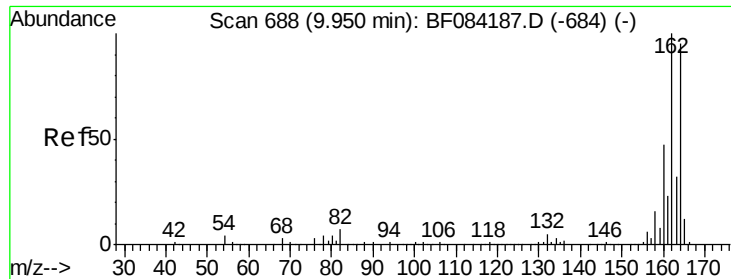
#23
Nitrobenzene-d5
Concen: 97.49 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Tgt Ion:	82	Resp:	1680291
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	56.9	38.4	57.6



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

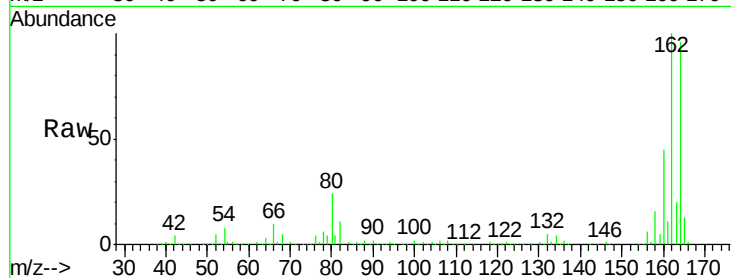




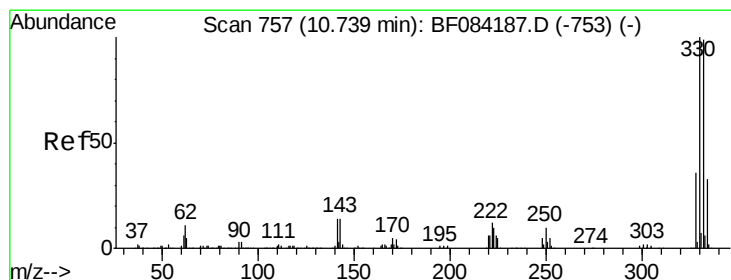
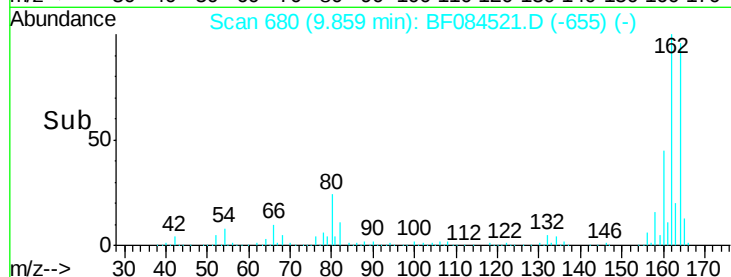
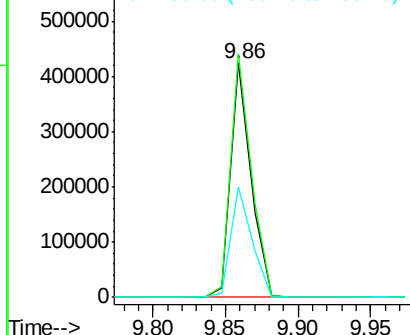
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

Tgt Ion:164 Resp: 410665
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 47.0 37.5 56.3

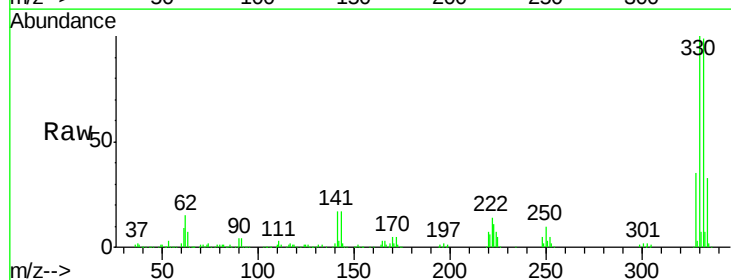


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

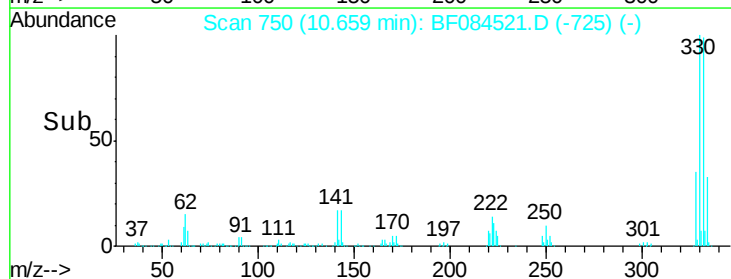
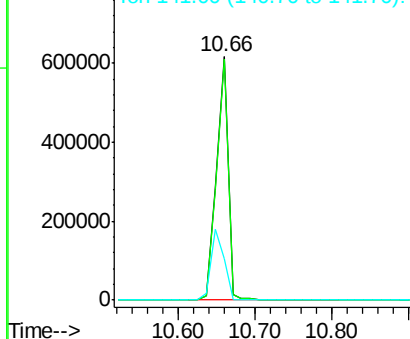


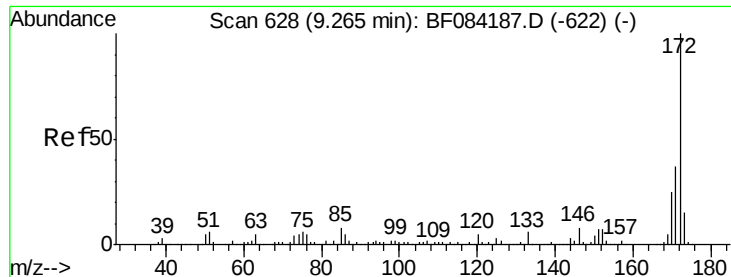
#41
 2,4,6-Tribromophenol
 Concen: 156.56 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Tgt Ion:330 Resp: 649081
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 114.8
 141 32.6 27.8 41.6



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

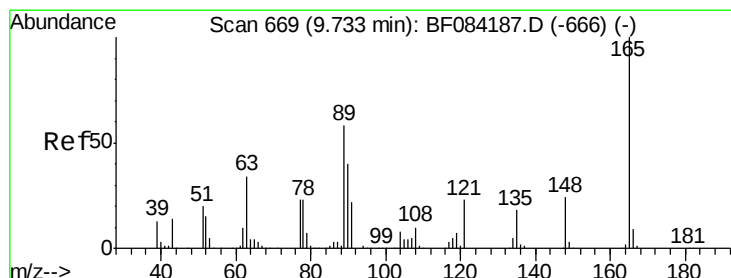
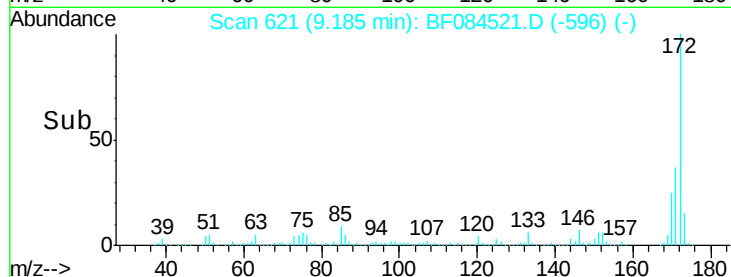
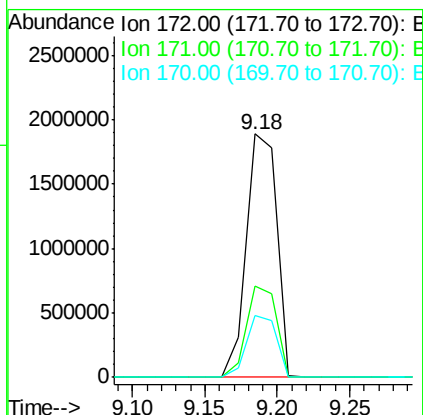
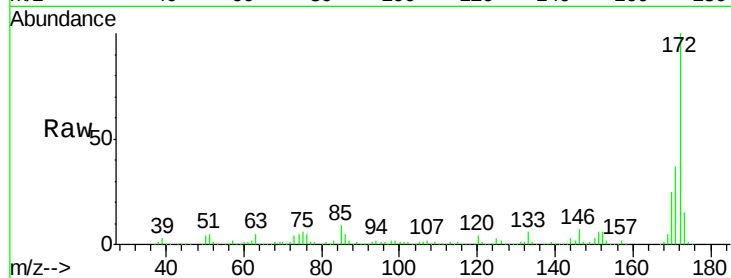




#44
2-Fluorobiphenyl
Concen: 120.38 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

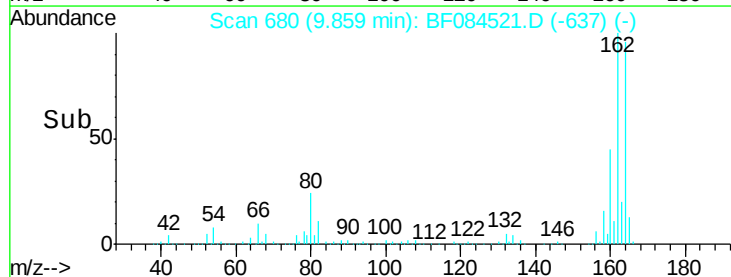
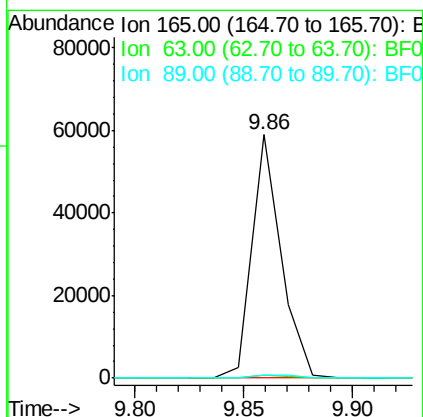
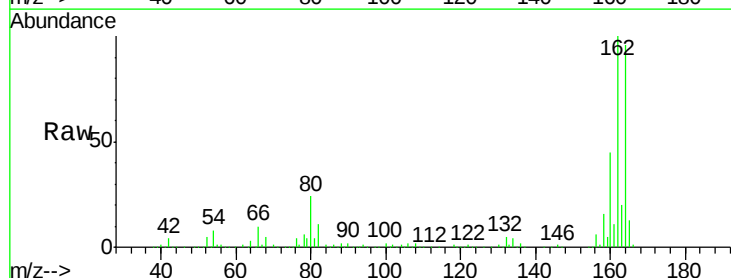
Instrument :
BNA_F
ClientSampled :
TWP-3

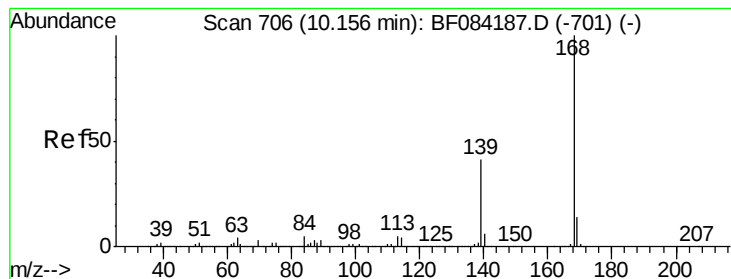
Tgt Ion:172 Resp: 2748707
Ion Ratio Lower Upper
172 100
171 37.3 28.9 43.3
170 25.3 18.6 27.8



#50
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.19 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Tgt Ion:165 Resp: 54928
Ion Ratio Lower Upper
165 100
63 1.1 28.8 43.2#
89 1.1 35.1 52.7#





#54

Dibenzofuran

Concen: Below Cal

RT: 10.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

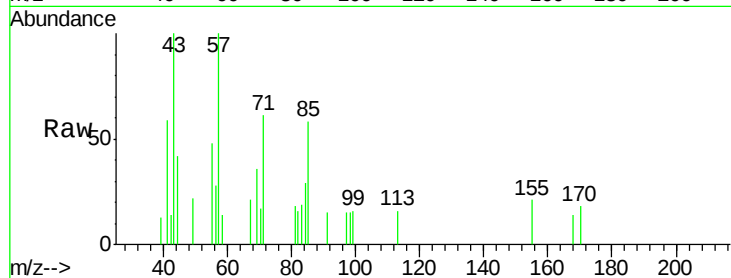
Tgt Ion:168 Resp: 217

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

10.06

300

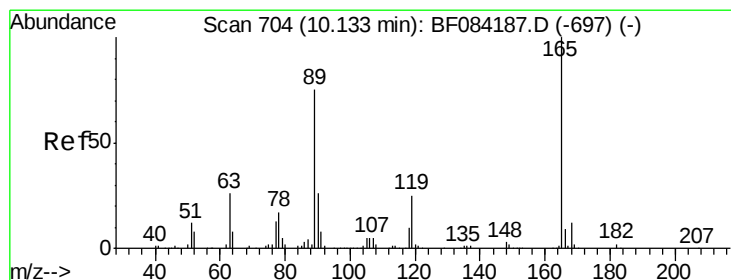
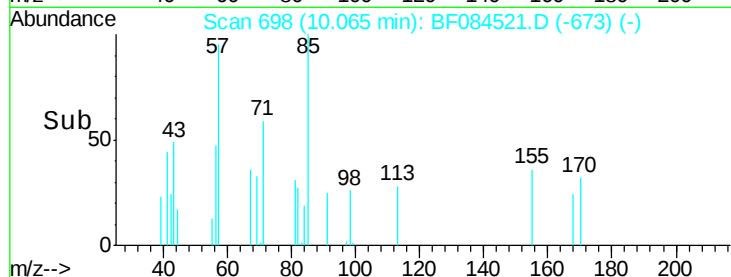
200

100

0

10.05 10.10

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.74 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Tgt Ion:165 Resp: 54930

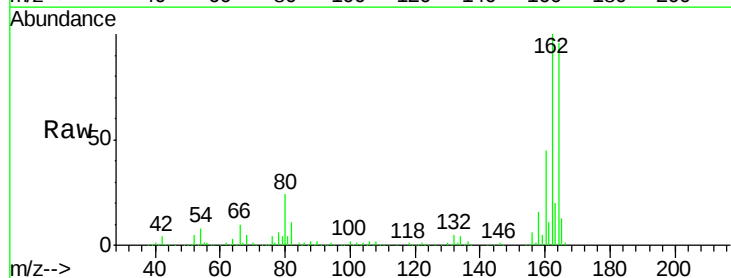
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.1 61.9 92.9#

182 0.0 2.0 3.0#



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

9.86

80000

60000

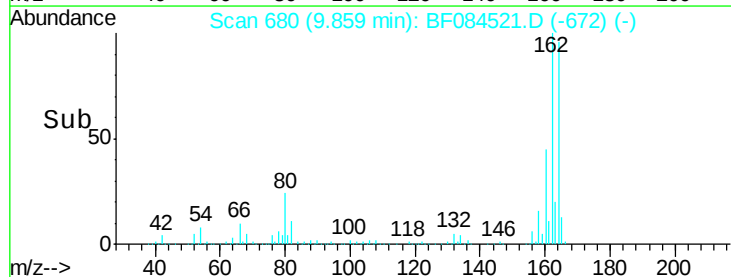
40000

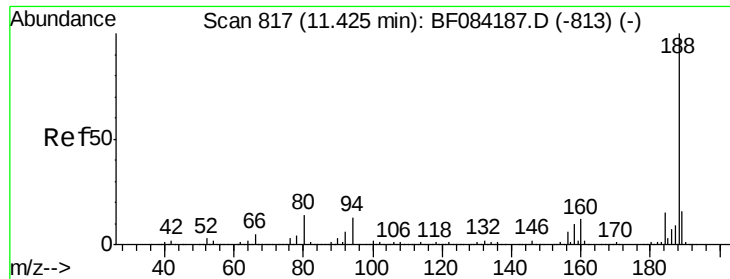
20000

0

9.80 9.85 9.90

Time-->

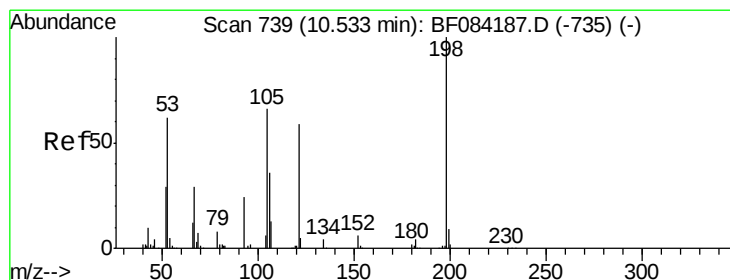
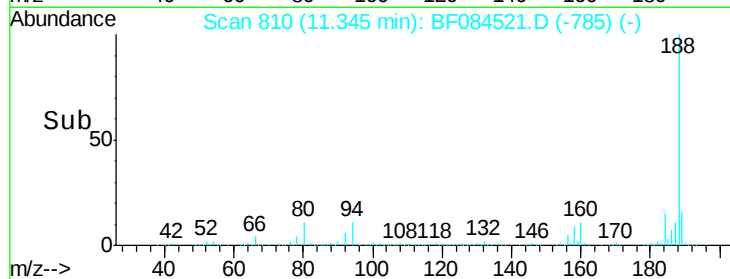
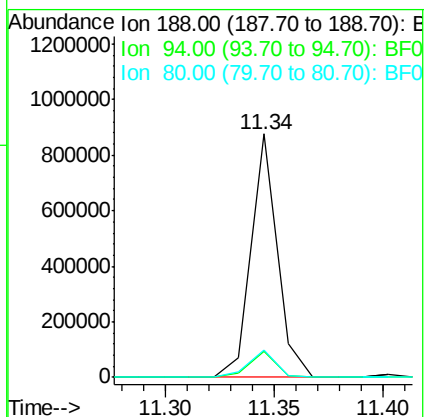
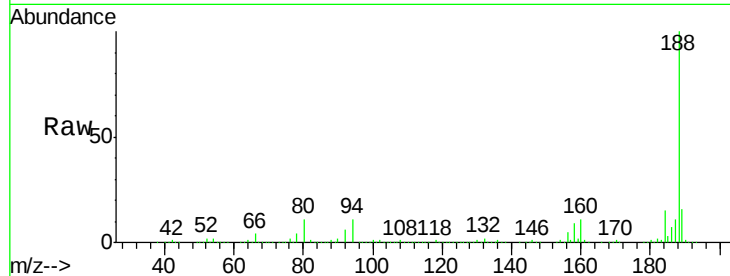




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

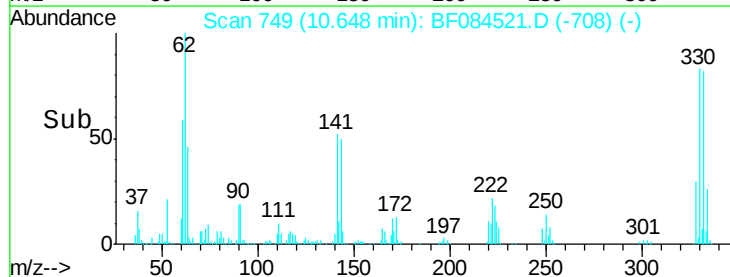
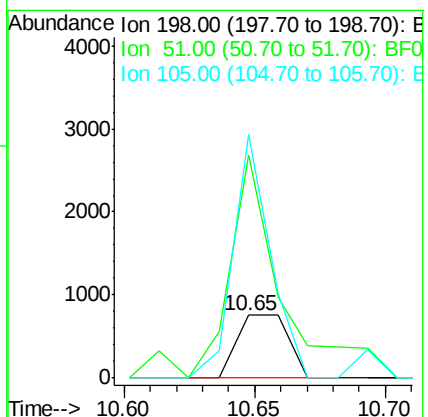
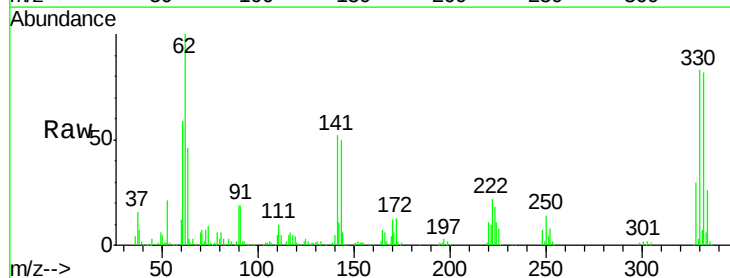
Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

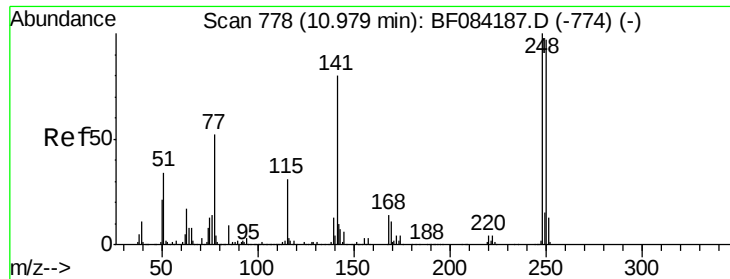
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.1	9.6	14.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.59 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.17 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	353.1	18.9	58.9#
105	386.0	26.4	66.4#

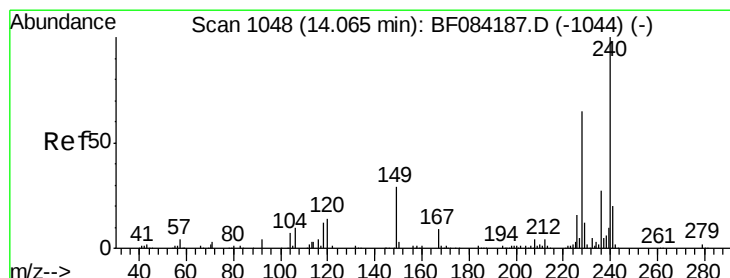
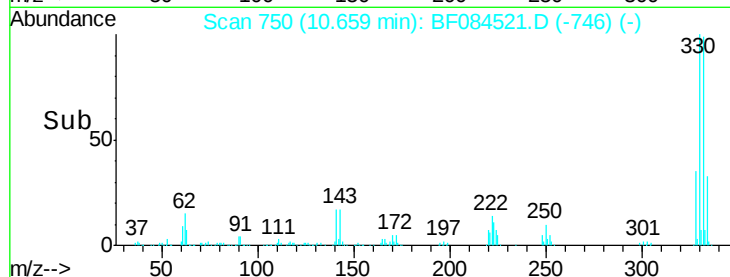
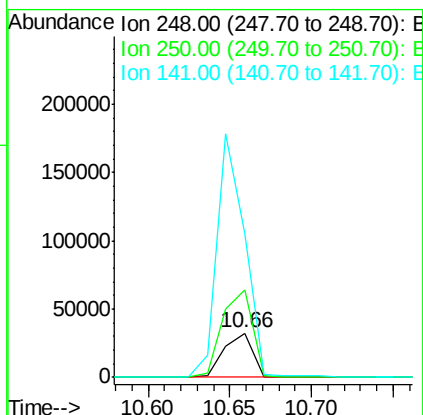
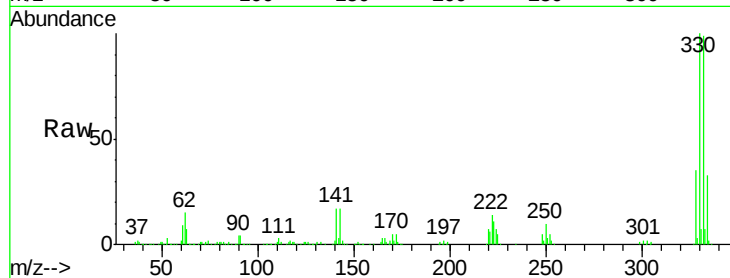




#66
 4-Bromophenyl-phenylether
 Concen: 5.04 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

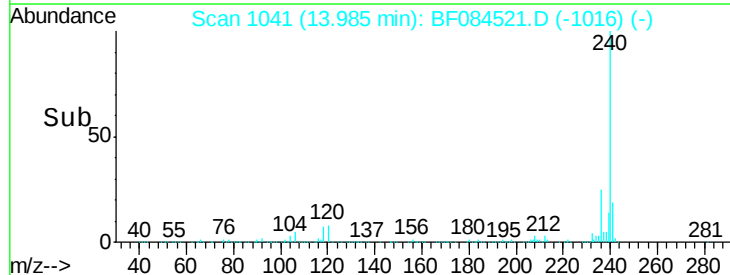
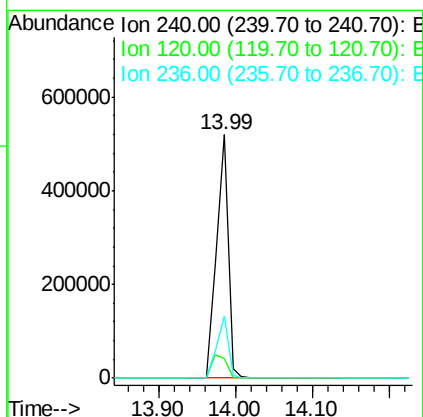
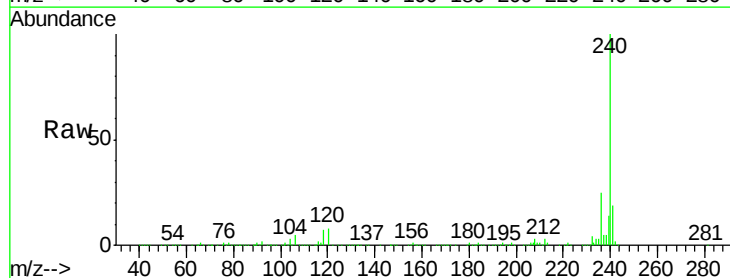
Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

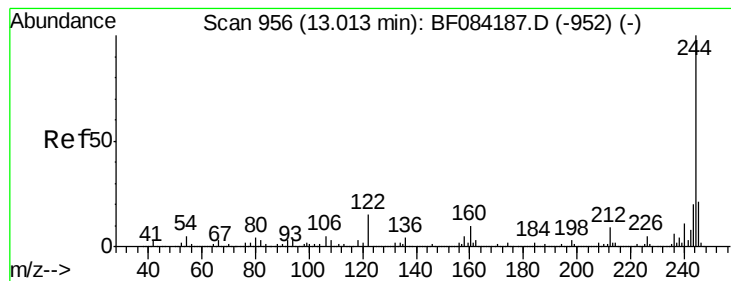
Tgt Ion:248 Resp: 39799
 Ion Ratio Lower Upper
 248 100
 250 197.7 78.4 117.6#
 141 328.0 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Tgt Ion:240 Resp: 545305
 Ion Ratio Lower Upper
 240 100
 120 7.9 9.5 14.3#
 236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 74.97 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

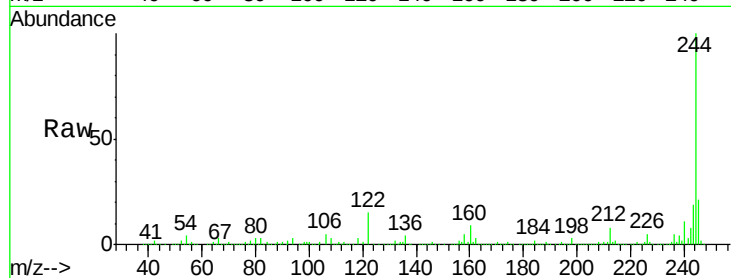
Tgt Ion:244 Resp: 1831459

Ion Ratio Lower Upper

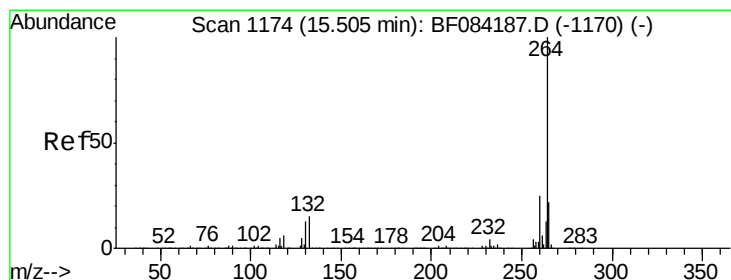
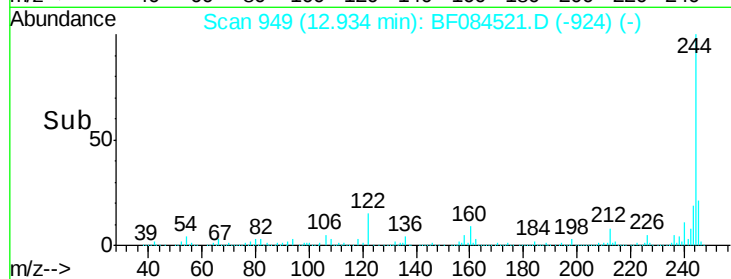
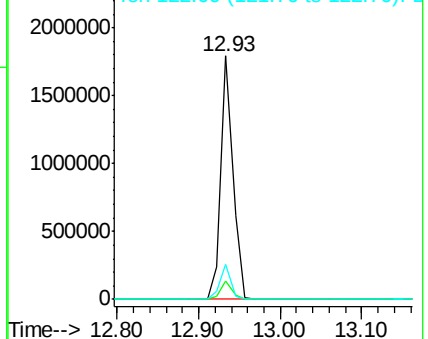
244 100

212 7.7 5.7 8.5

122 14.6 7.4 11.0#



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: BF084521.D

Acq: 16 Jan 2016 5:48

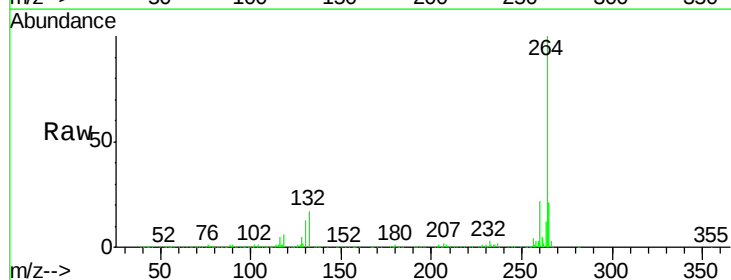
Tgt Ion:264 Resp: 499150

Ion Ratio Lower Upper

264 100

260 22.4 19.4 29.2

265 21.5 17.8 26.6



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

