

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082929.D
 Acq On : 14 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4348-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Quant Time: Nov 16 00:16:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

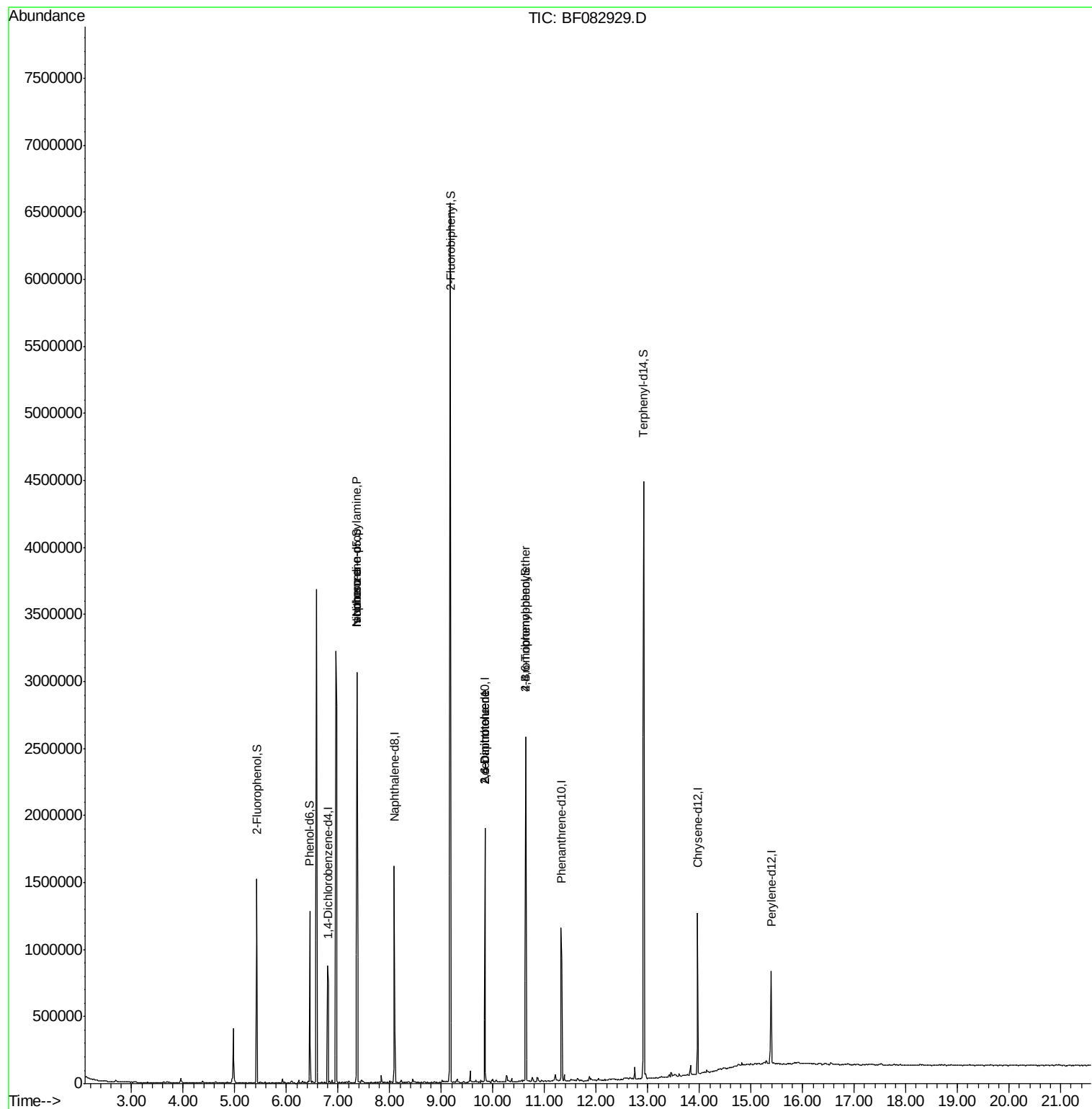
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	185488	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	684970	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	364913	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	576210	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	401582	20.00	ng	-0.06
86) Perylene-d12	15.39	264	409182	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	512800	43.02	ng	-0.02
7) Phenol-d6	6.45	99	404542	25.53	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1212806	77.04	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	265287	63.40	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1850731	72.69	ng	-0.05
78) Terphenyl-d14	12.92	244	1621250	95.75	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	162560	13.95	ng	# 71
25) Isophorone	7.37	82	1198115	41.13	ng	# 69
50) 2,6-Dinitrotoluene	9.85	165	47000	7.37	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	47004	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.64	248	19362	2.79	ng	# 1

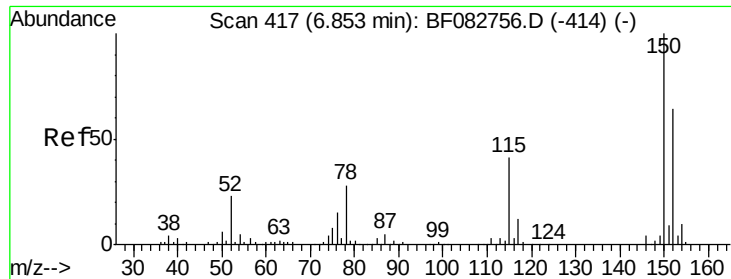
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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ALS Vial : 35 Sample Multiplier: 1

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

TW-5

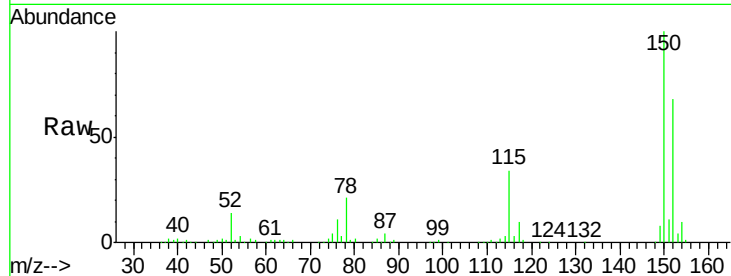
Tgt Ion:152 Resp: 185488

Ion Ratio Lower Upper

152 100

150 148.0 127.0 190.4

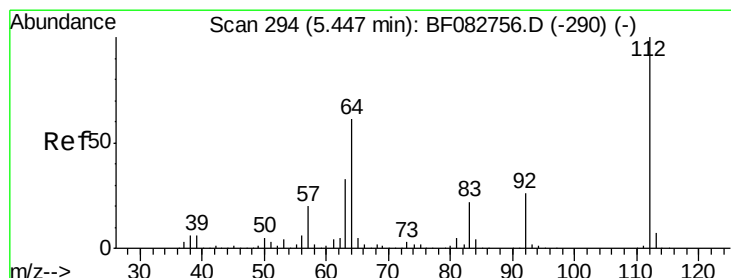
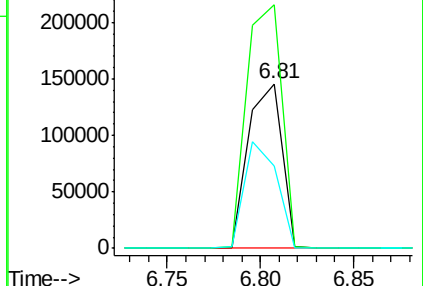
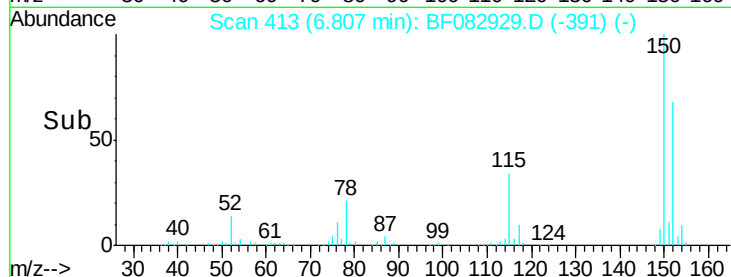
115 50.2 47.0 70.6



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: 43.02 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

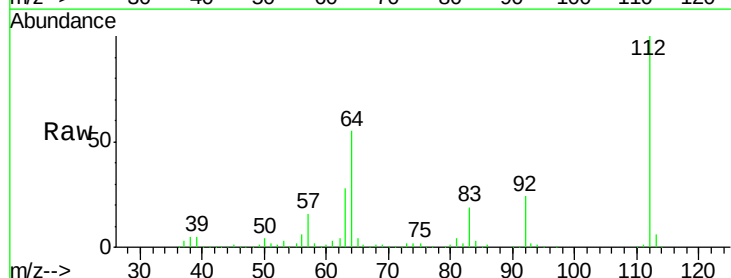
Tgt Ion:112 Resp: 512800

Ion Ratio Lower Upper

112 100

64 54.5 48.9 73.3

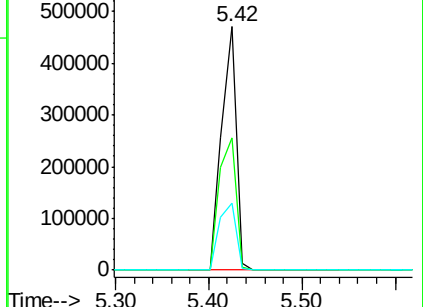
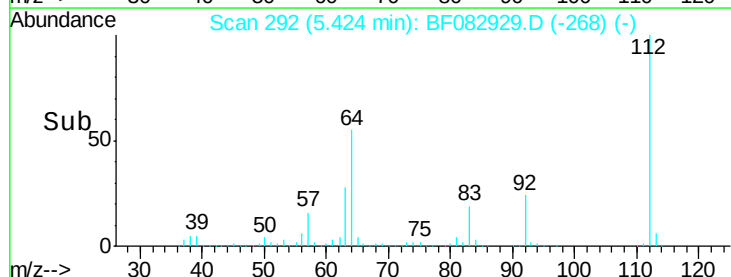
63 27.8 28.1 42.1#

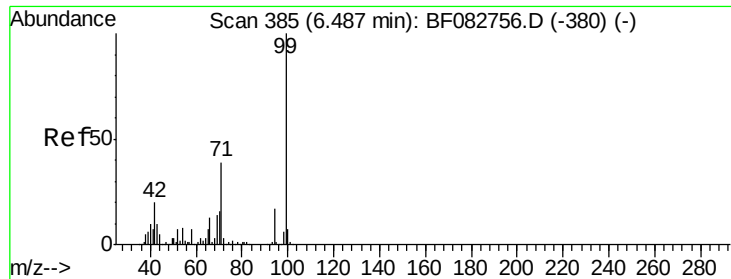


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.53 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

TW-5

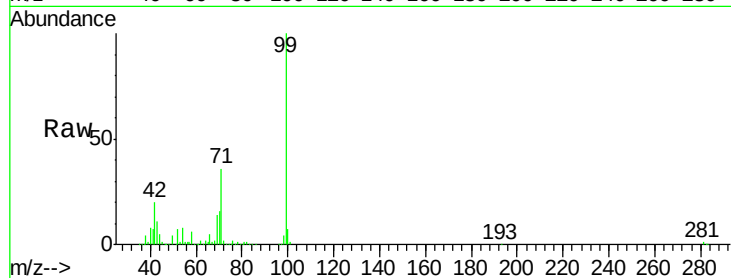
Tgt Ion: 99 Resp: 404542

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

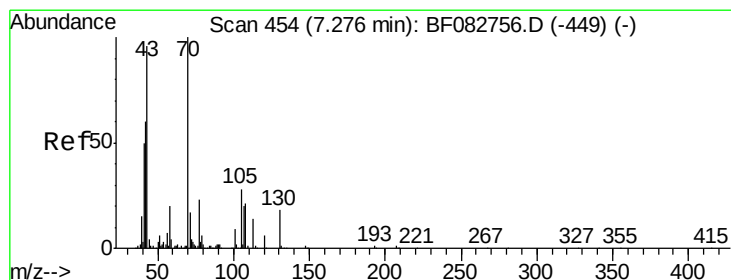
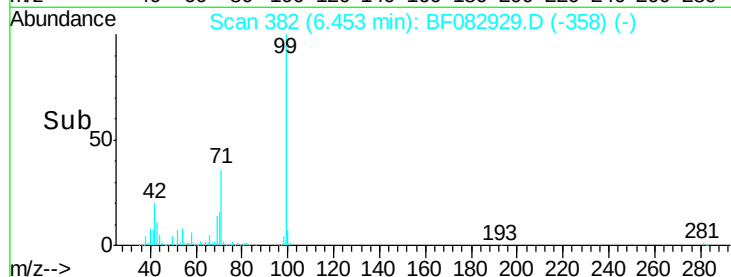
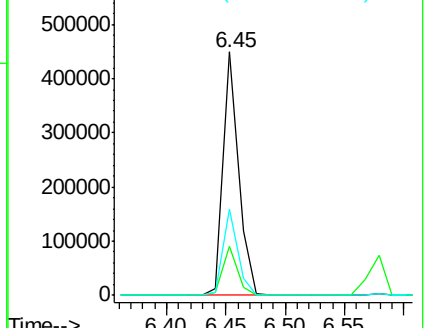
71 35.6 35.0 52.4



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: 13.95 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

Tgt Ion: 70 Resp: 162560

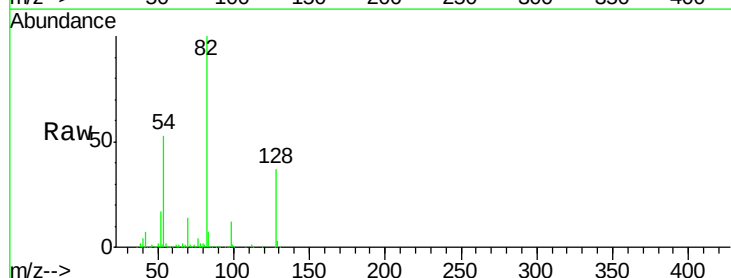
Ion Ratio Lower Upper

70 100

42 48.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

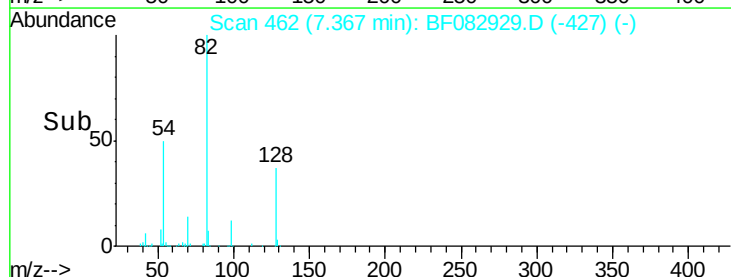
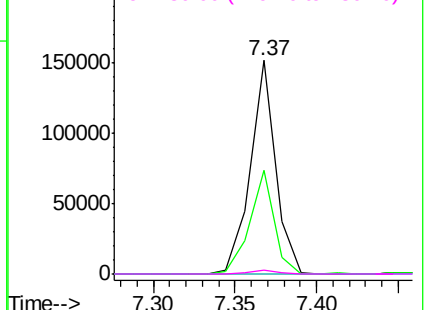


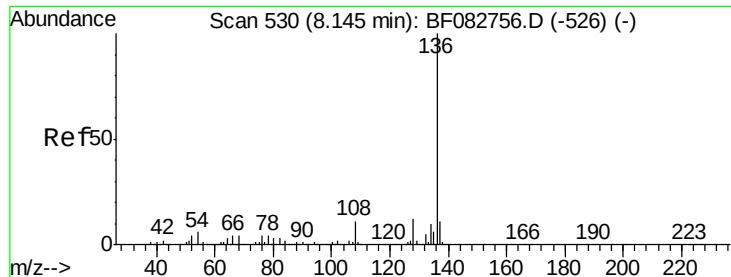
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

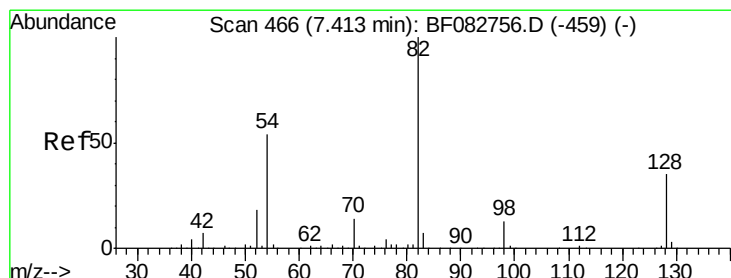
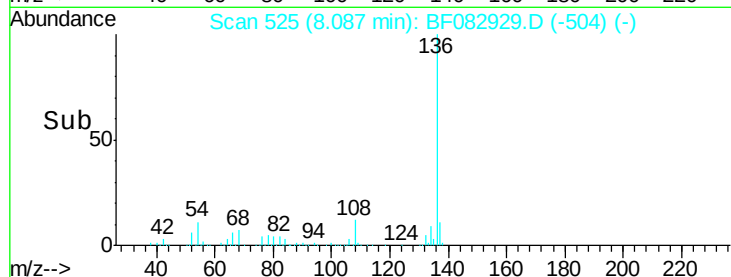
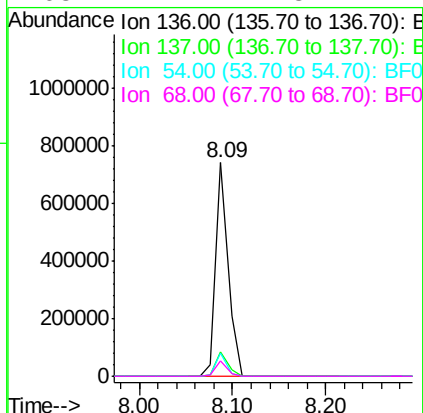
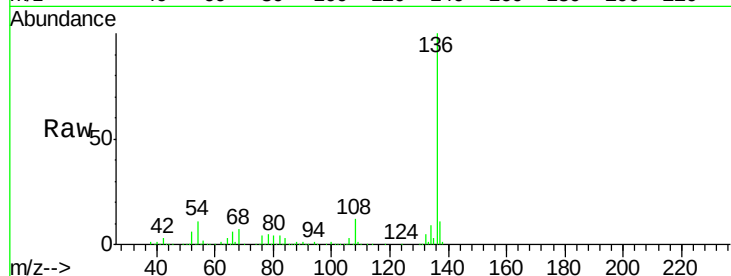




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082929.D
Acq: 14 Nov 2015 7:40

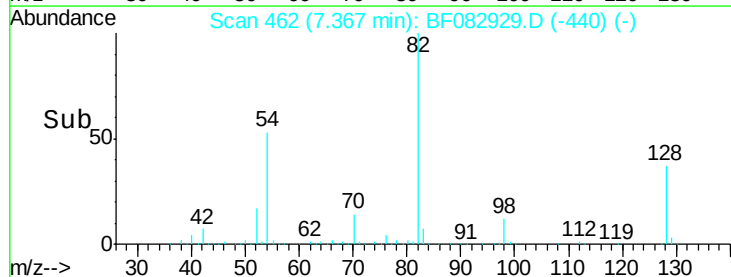
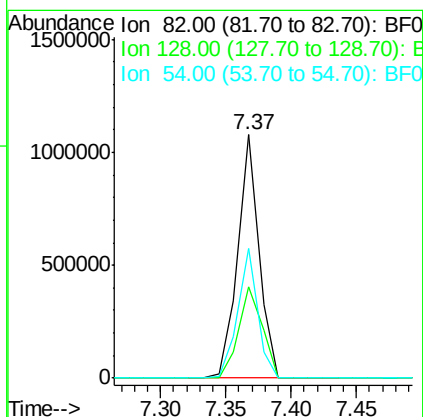
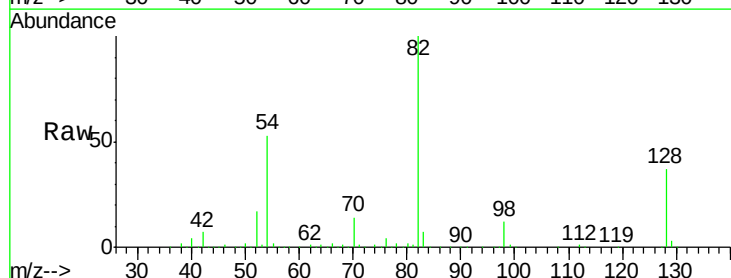
Instrument :
BNA_F
ClientSampled :
TW-5

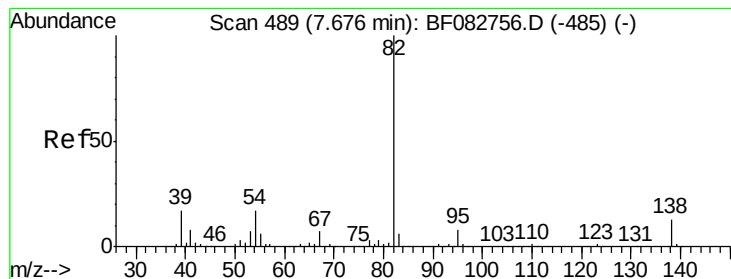
Tgt Ion:	136	Resp:	684970
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.6	9.1	13.7
68	7.4	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 77.04 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082929.D
Acq: 14 Nov 2015 7:40

Tgt Ion:	82	Resp:	1212806
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.8	40.2
54	53.0	45.7	68.5





#25

Isophorone

Concen: 41.13 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleID :

TW-5

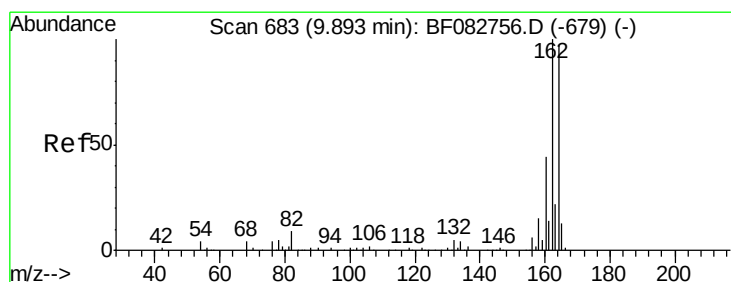
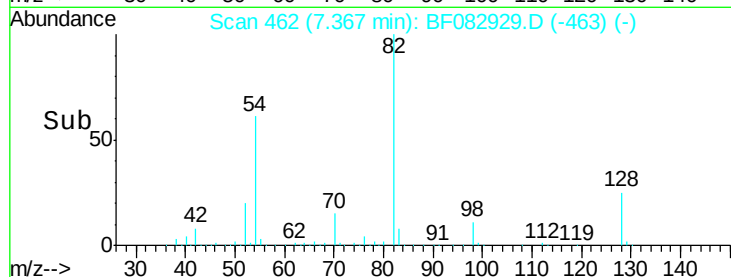
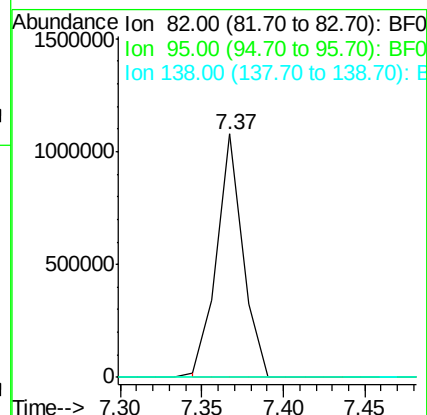
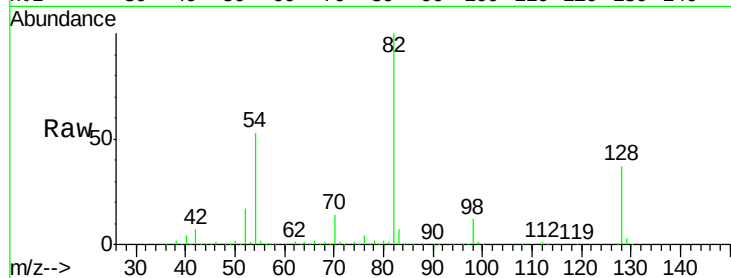
Tgt Ion: 82 Resp: 1198115

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

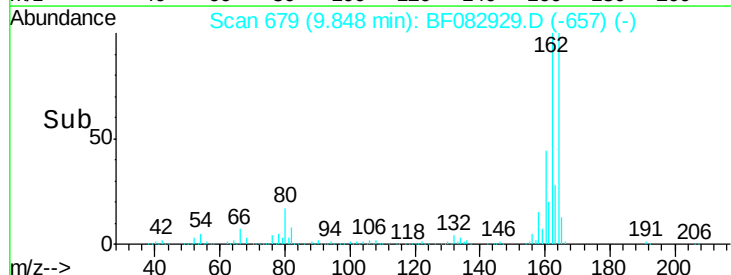
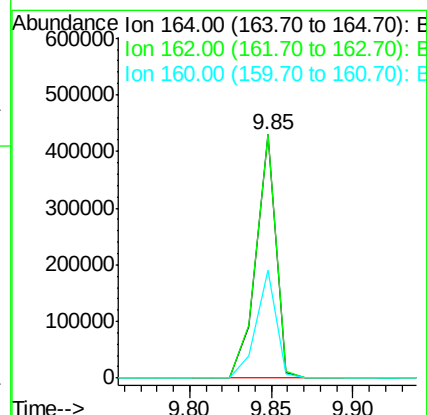
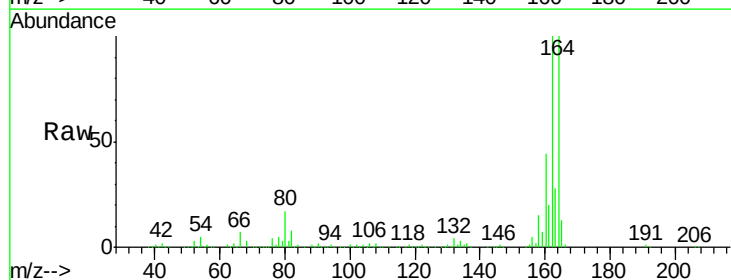
Tgt Ion: 164 Resp: 364913

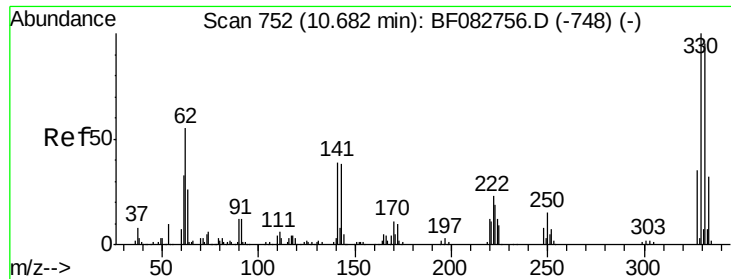
Ion Ratio Lower Upper

164 100

162 100.1 84.9 127.3

160 44.3 37.5 56.3

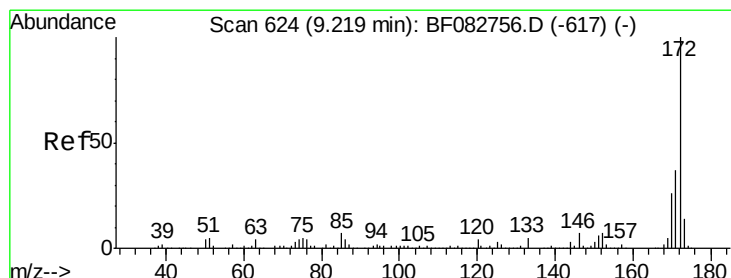
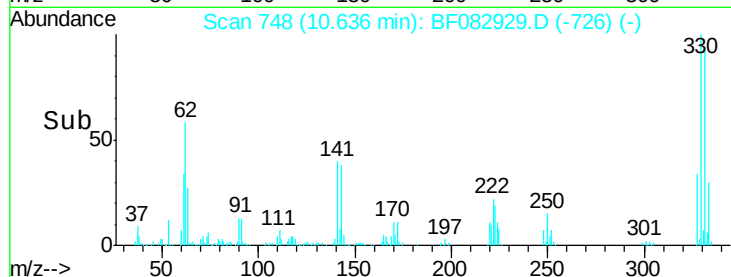
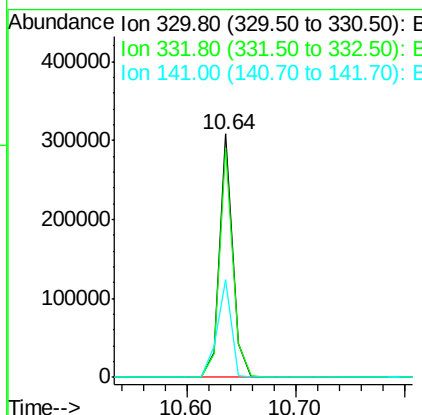
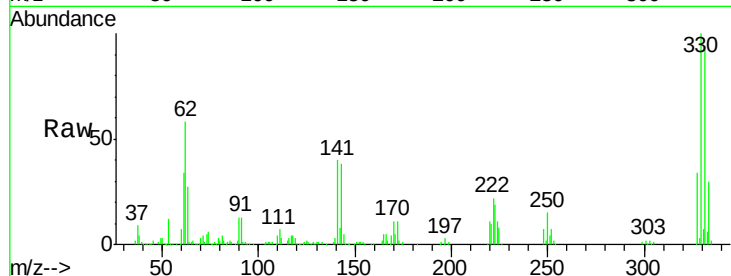




#41
 2,4,6-Tribromophenol
 Concen: 63.40 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

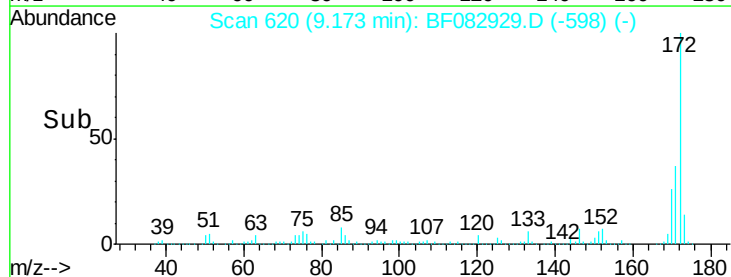
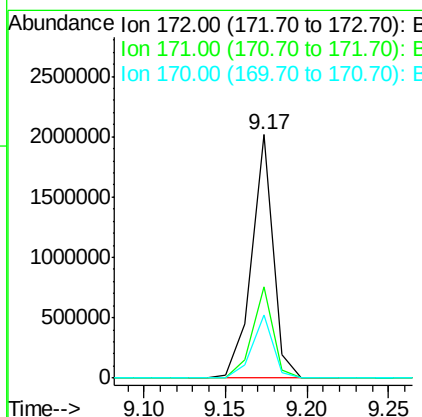
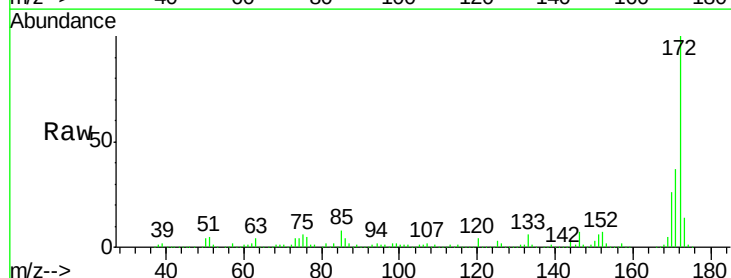
Instrument :
 BNA_F
 ClientSampleId :
 TW-5

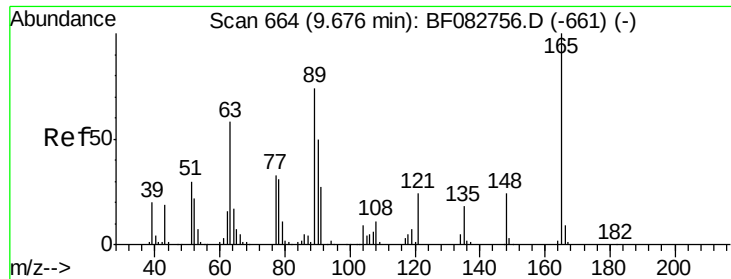
Tgt Ion:330 Resp: 265287
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 44.1 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 72.69 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

Tgt Ion:172 Resp: 1850731
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 21.2 31.8

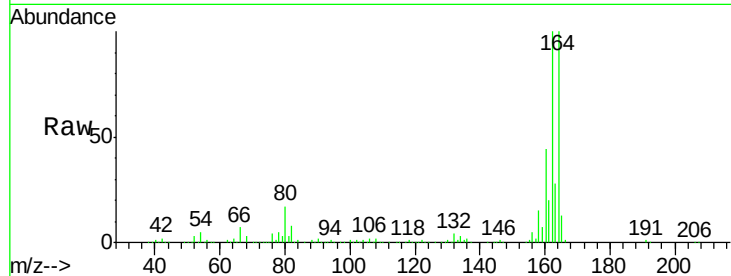




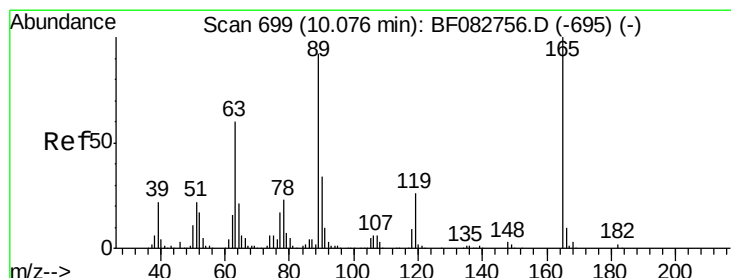
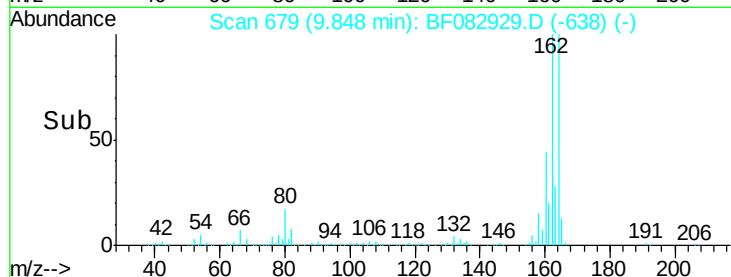
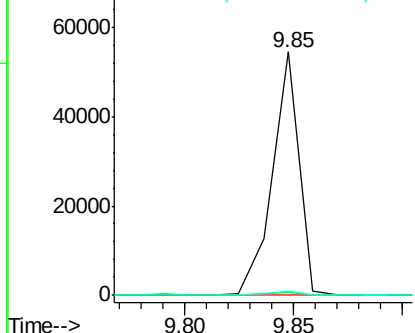
#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:165 Resp: 47000
 Ion Ratio Lower Upper
 165 100
 63 1.4 55.5 83.3#
 89 1.6 55.0 82.6#

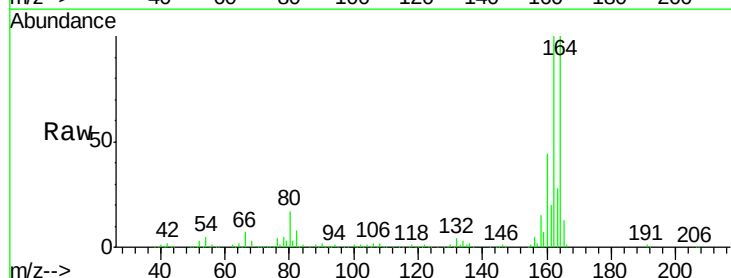


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

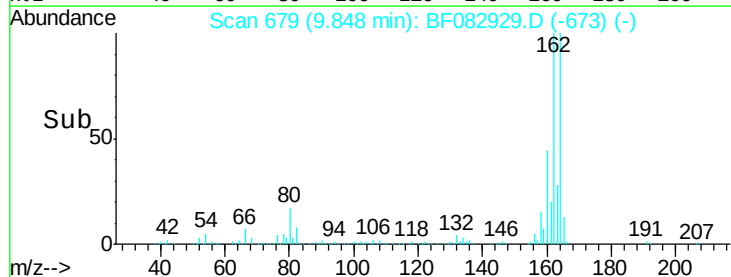
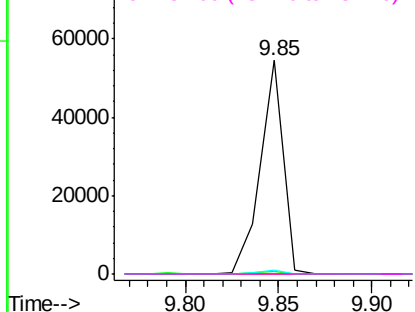


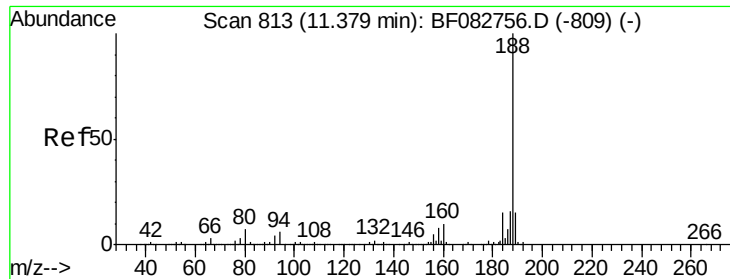
#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

Tgt Ion:165 Resp: 47004
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.6 70.6 106.0#
 182 0.0 1.5 2.3#



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

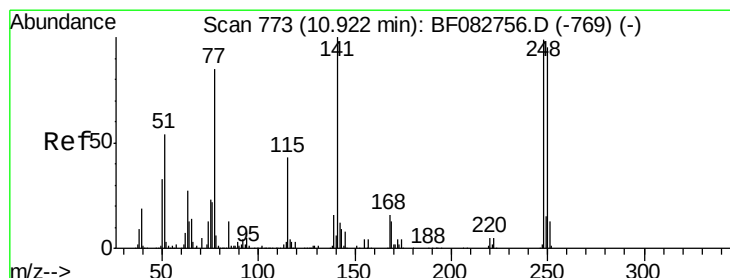
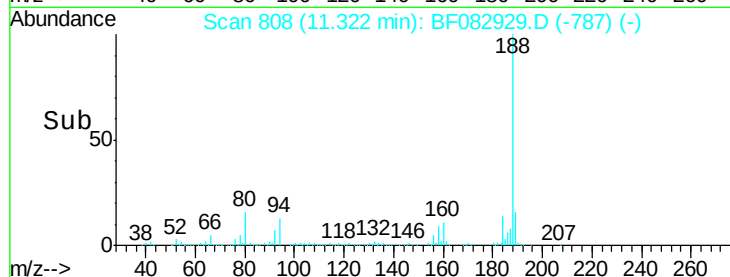
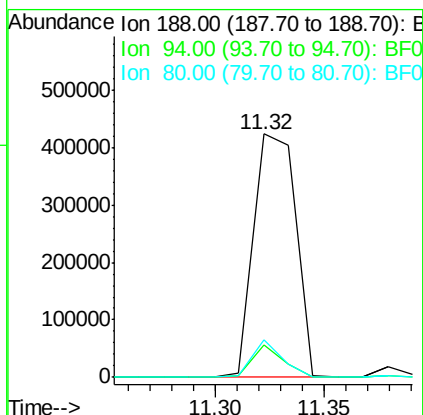
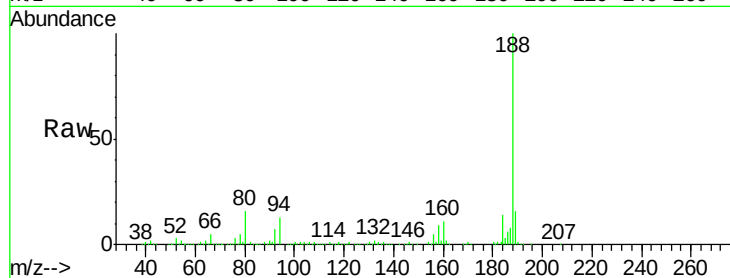




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.06 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

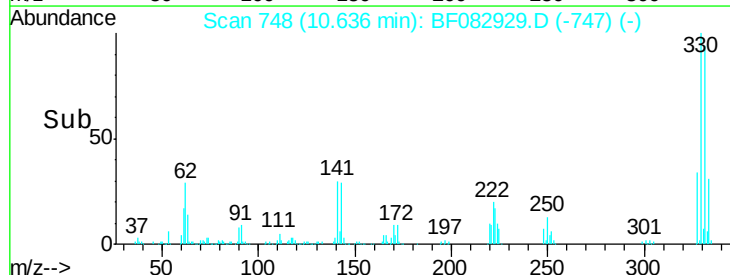
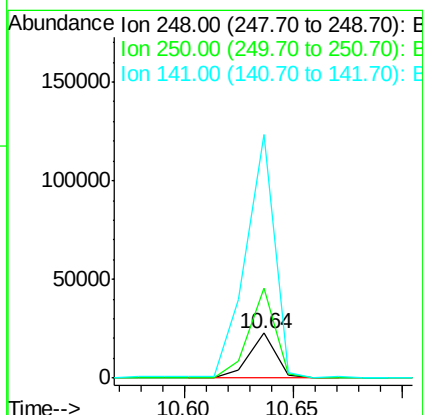
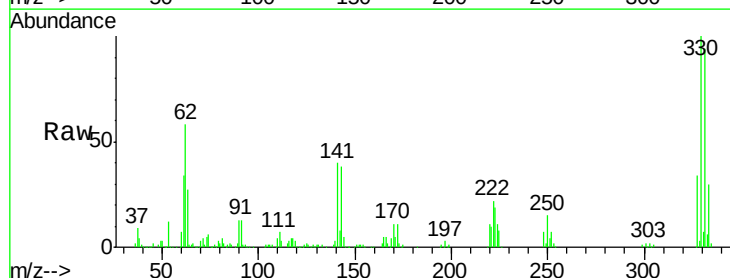
Instrument :
 BNA_F
 ClientSampleId :
 TW-5

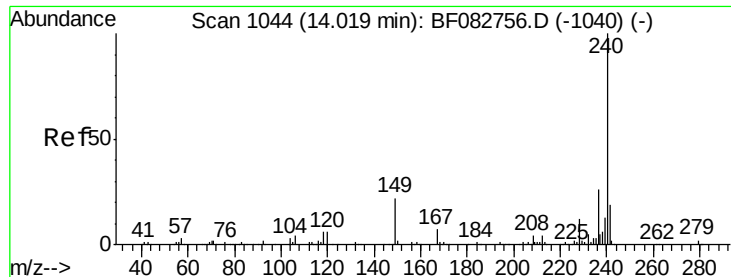
Tgt Ion:188 Resp: 576210
 Ion Ratio Lower Upper
 188 100
 94 13.3 6.1 9.1#
 80 15.6 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF082929.D
 Acq: 14 Nov 2015 7:40

Tgt Ion:248 Resp: 19362
 Ion Ratio Lower Upper
 248 100
 250 199.4 79.4 119.2#
 141 540.9 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

TW-5

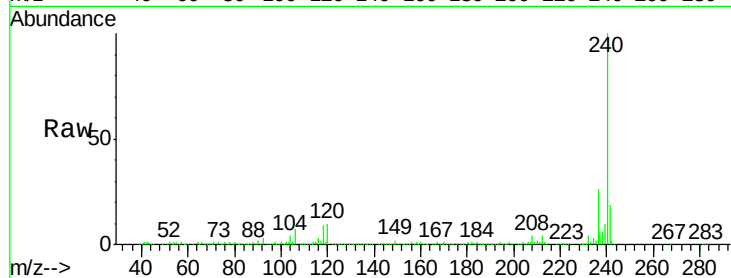
Tgt Ion:240 Resp: 401582

Ion Ratio Lower Upper

240 100

120 10.2 10.9 16.3#

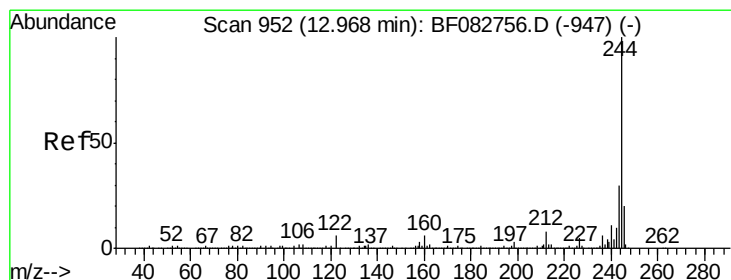
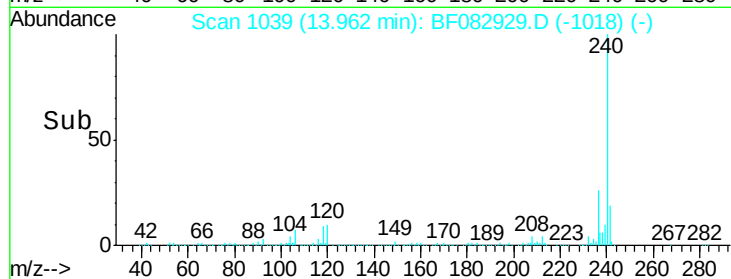
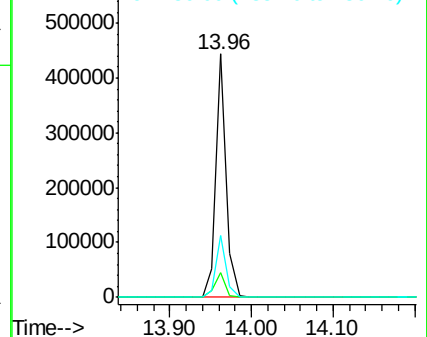
236 25.6 21.6 32.4



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: 95.75 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082929.D

Acq: 14 Nov 2015 7:40

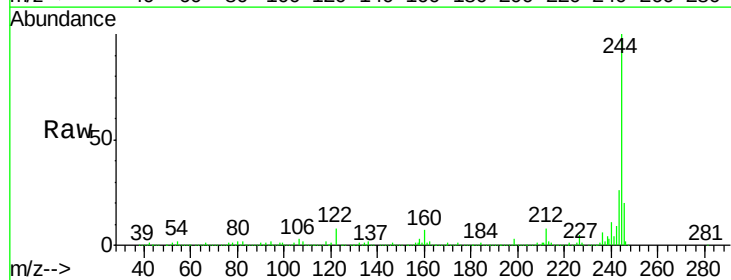
Tgt Ion:244 Resp: 1621250

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4#

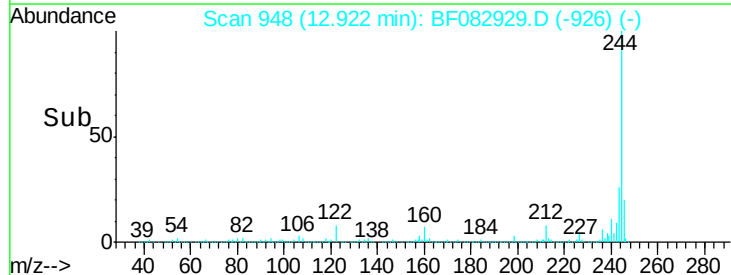
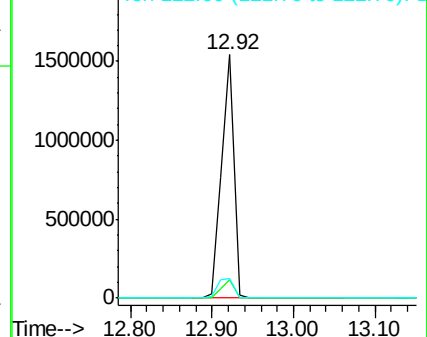
122 8.2 11.3 16.9#

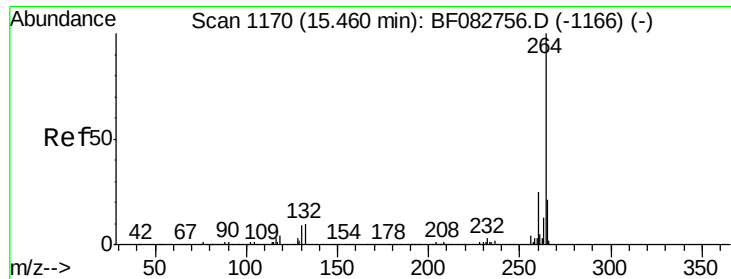


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082929.D
Acq: 14 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
TW-5

Tgt Ion: 264 Resp: 409182
Ion Ratio Lower Upper
264 100
260 23.0 19.8 29.6
265 21.0 17.4 26.0

