

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082788.D
 Acq On : 7 Nov 2015 4:14
 Operator : UM/IZ
 Sample : G4257-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-2(0-2)

Quant Time: Nov 07 05:50:13 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

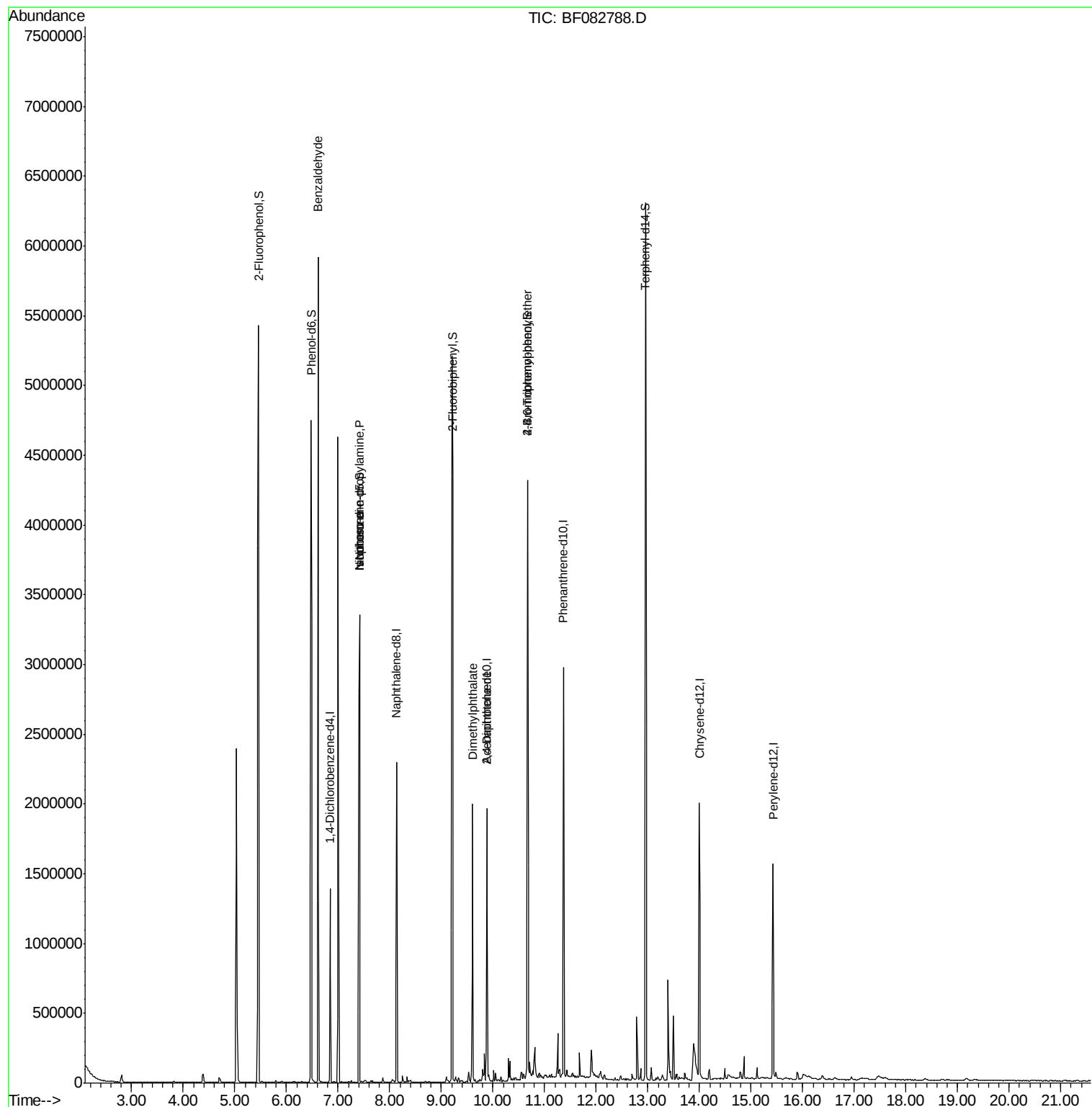
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	244323	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1000199	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	502970	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	989403	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	868323	20.00	ng	-0.02
86) Perylene-d12	15.43	264	698525	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1870736	119.13	ng	0.01
7) Phenol-d6	6.48	99	2411272	115.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	1635239	71.14	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	584961	101.43	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2435708	69.41	ng	0.00
78) Terphenyl-d14	12.96	244	2305193	62.97	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	41710	3.62	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.41	70	216512	14.11	ng	# 65
25) Isophorone	7.41	82	1510230	35.51	ng	# 69
49) Dimethylphthalate	9.61	163	889220	21.58	ng	98
56) 2,4-Dinitrotoluene	9.88	165	63638	5.33	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	37241	3.13	ng	# 1

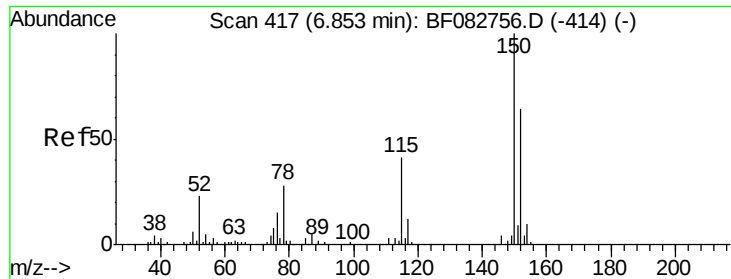
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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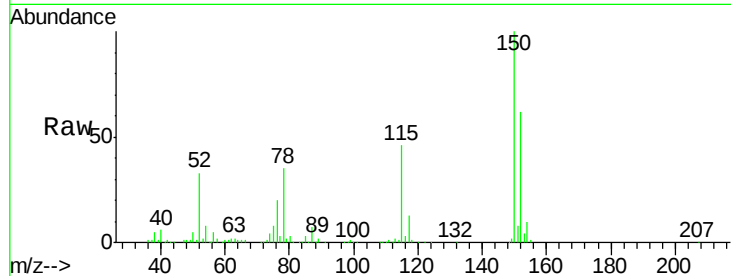


#1

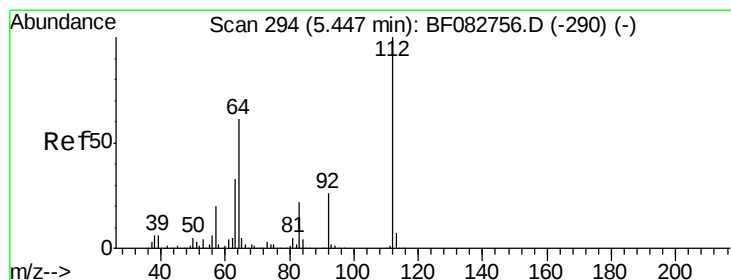
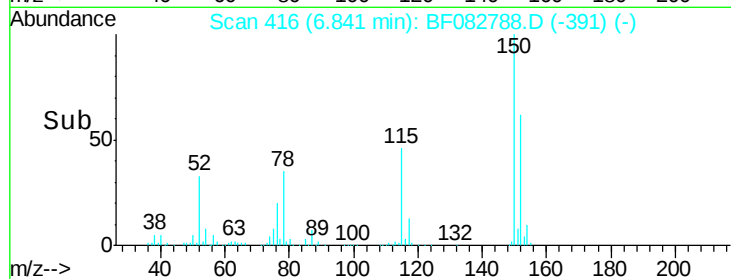
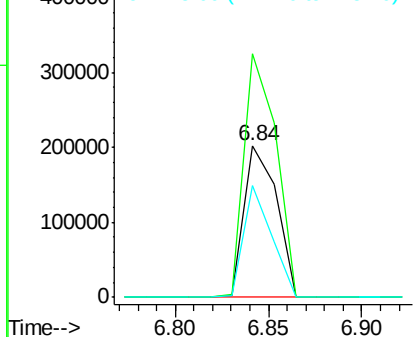
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF082788.D
Acq: 7 Nov 2015 4:14

Instrument :
BNA_F
ClientSampleId :
WABUT-2(0-2)

Tgt Ion:152 Resp: 244323
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.4
115 73.1 47.0 70.6#



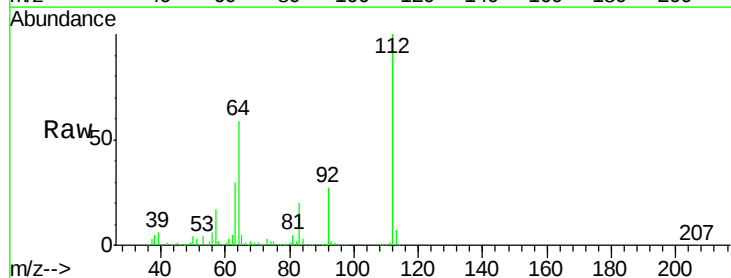
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



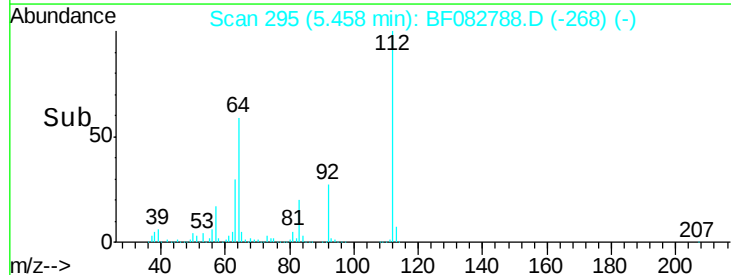
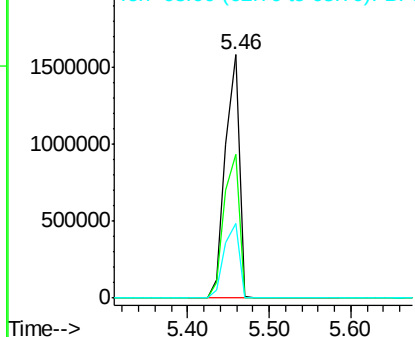
#5

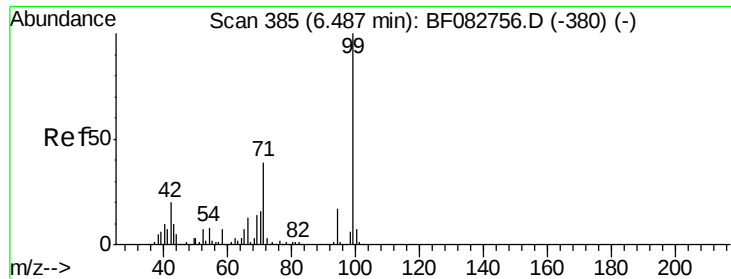
2-Fluorophenol
Concen: 119.13 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082788.D
Acq: 7 Nov 2015 4:14

Tgt Ion:112 Resp: 1870736
Ion Ratio Lower Upper
112 100
64 58.8 48.9 73.3
63 30.5 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: 115.51 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

Instrument :

BNA_F

ClientSampleId :

WABUT-2(0-2)

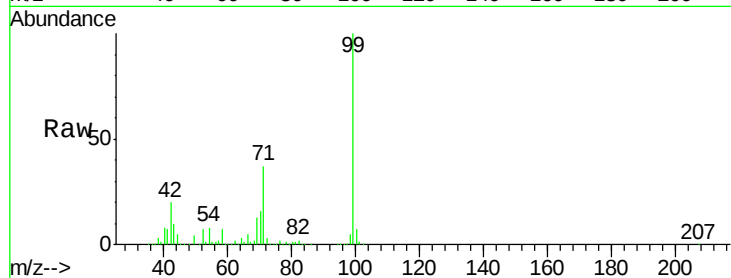
Tgt Ion: 99 Resp: 2411272

Ion Ratio Lower Upper

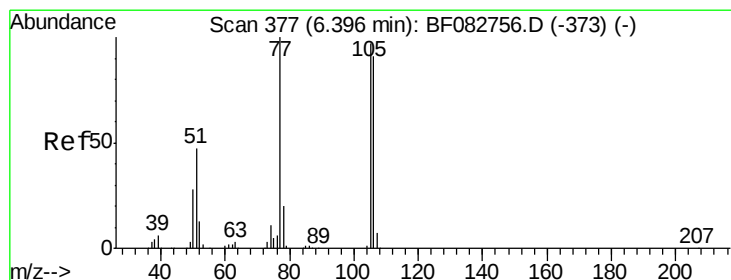
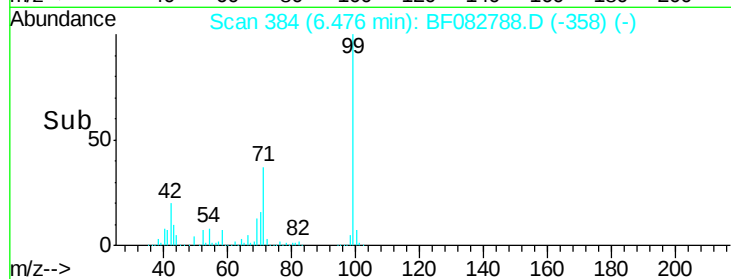
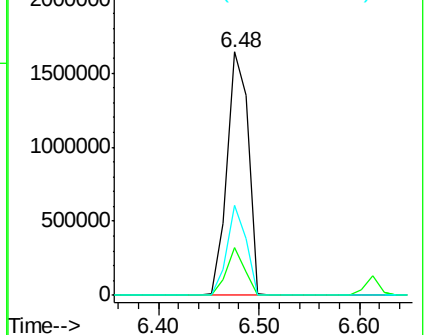
99 100

42 19.8 19.2 28.8

71 36.7 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



#9

Benzaldehyde

Concen: 3.62 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

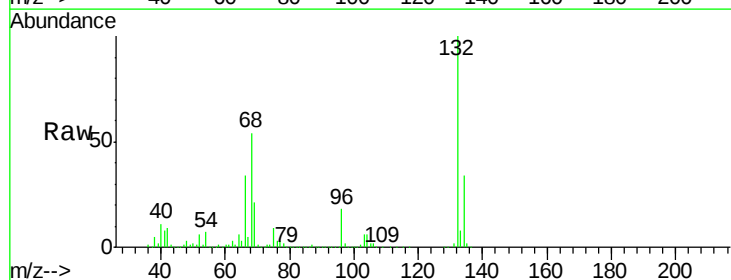
Tgt Ion: 77 Resp: 41710

Ion Ratio Lower Upper

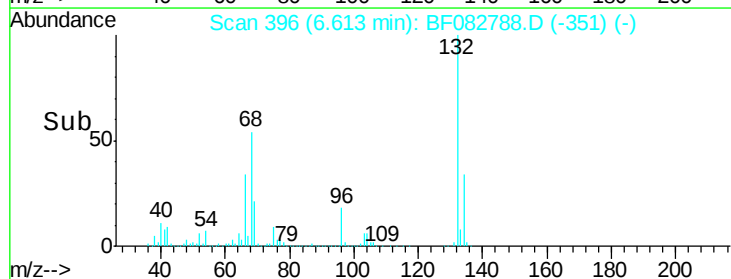
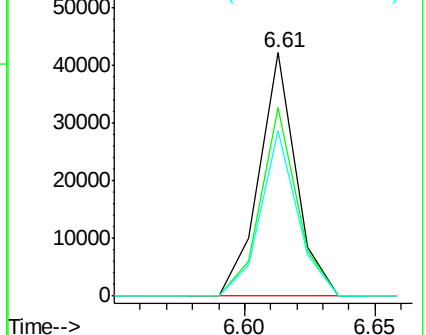
77 100

105 77.7 63.5 103.5

106 68.2 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

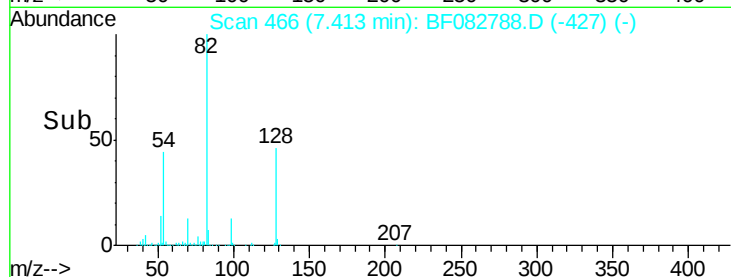
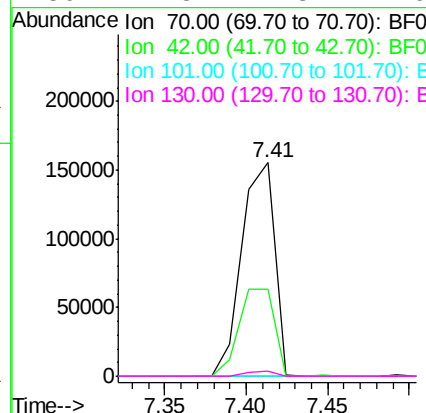
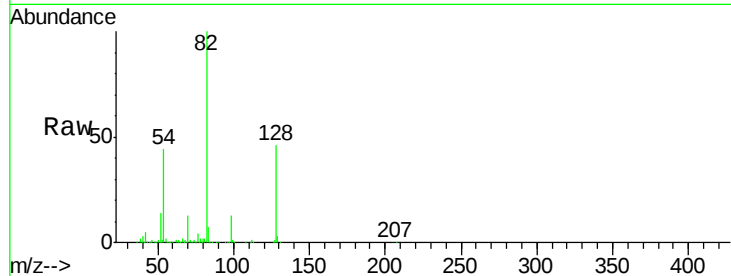




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.11 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.15 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

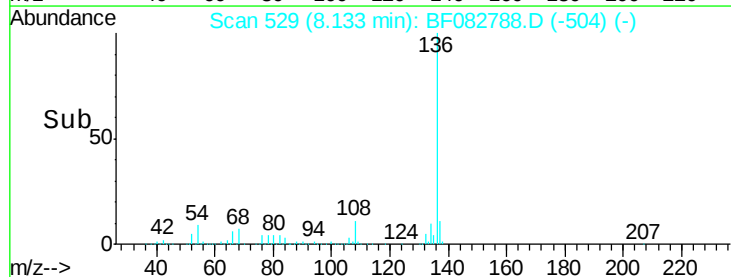
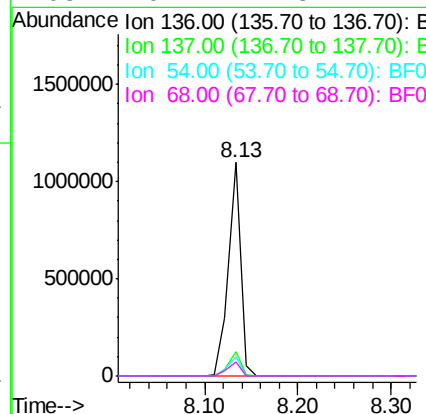
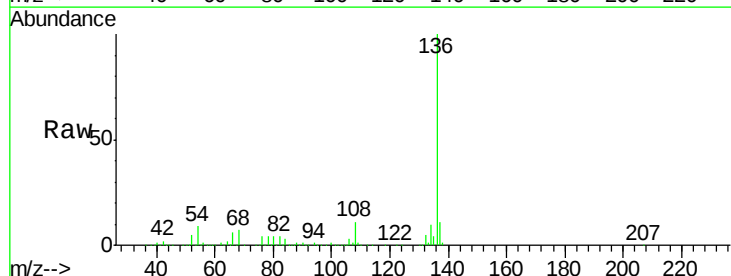
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-2(0-2)

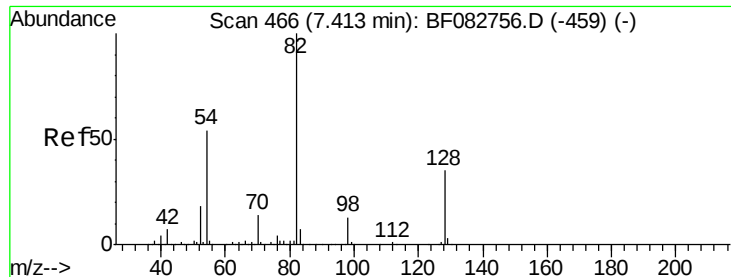
Tgt Ion:	70	Resp:	216512
Ion	Ratio	Lower	Upper
70	100		
42	40.5	57.7	86.5#
101	0.0	7.0	10.6#
130	2.3	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Tgt Ion:	136	Resp:	1000199
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.7	9.1	13.7#
68	6.7	4.8	7.2

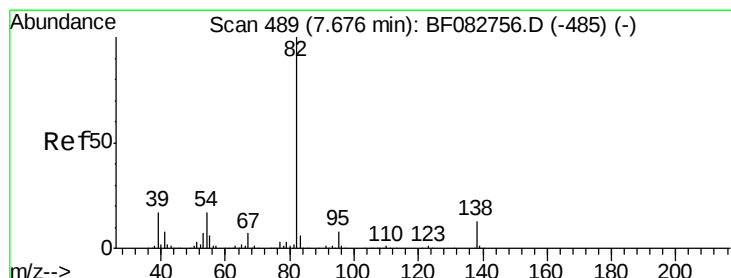
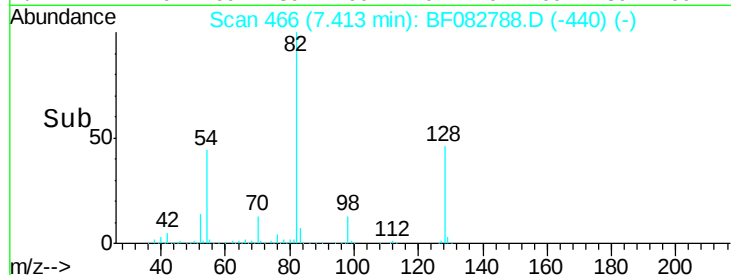
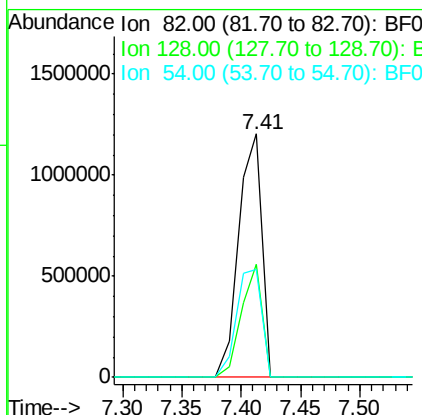
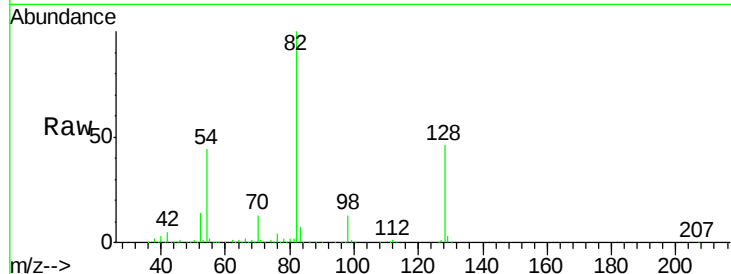




#23
 Nitrobenzene-d5
 Concen: 71.14 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

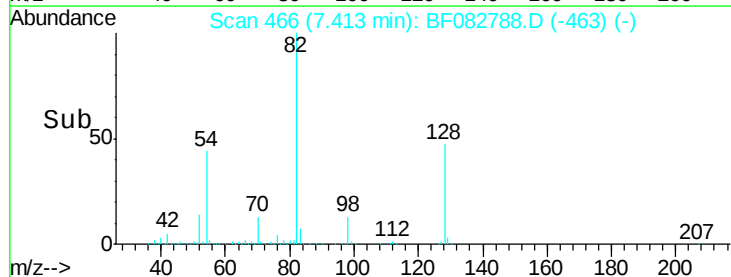
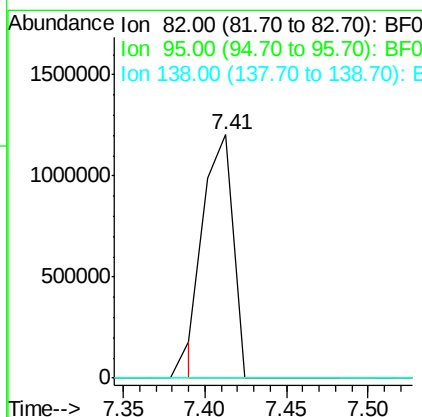
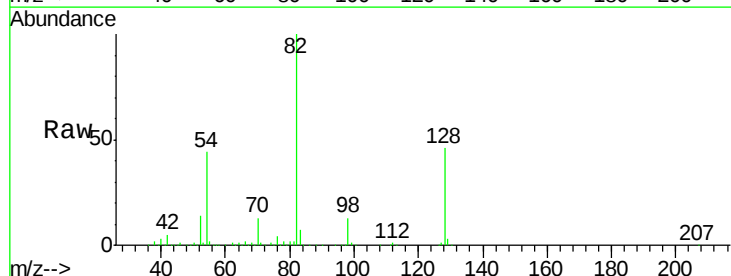
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-2(0-2)

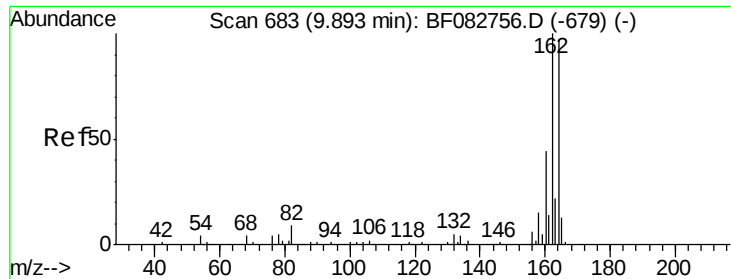
Tgt Ion: 82 Resp: 1635239
 Ion Ratio Lower Upper
 82 100
 128 46.5 26.8 40.2#
 54 44.2 45.7 68.5#



#25
 Isophorone
 Concen: 35.51 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Tgt Ion: 82 Resp: 1510230
 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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

Instrument :

BNA_F

ClientSampleId :

WABUT-2(0-2)

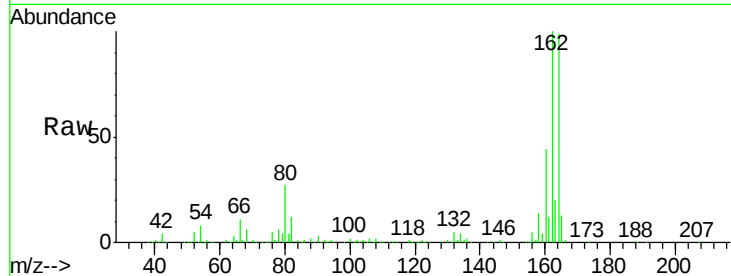
Tgt Ion:164 Resp: 502970

Ion Ratio Lower Upper

164 100

162 101.5 84.9 127.3

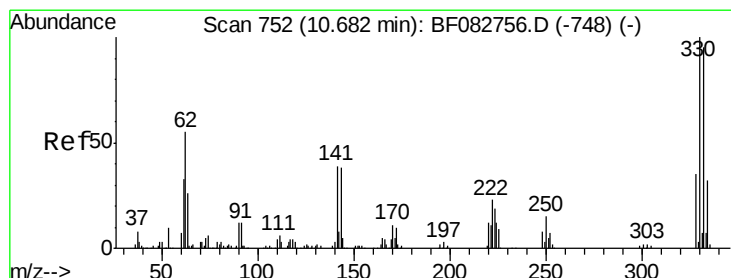
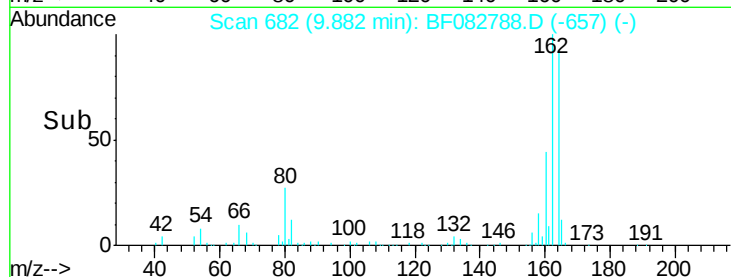
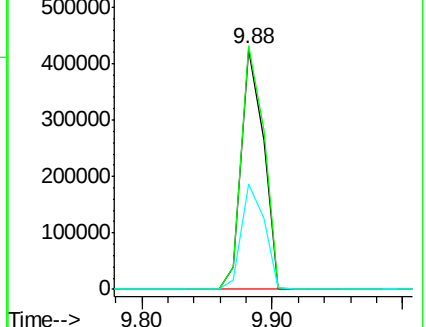
160 44.2 37.5 56.3



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: 101.43 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

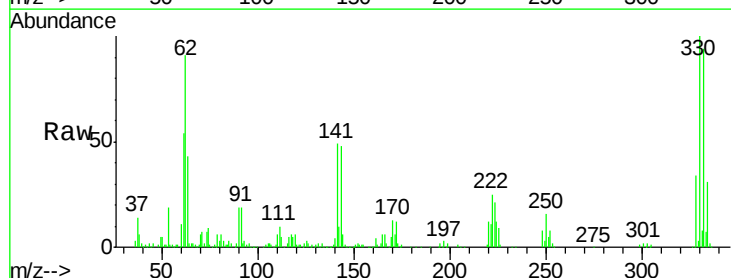
Tgt Ion:330 Resp: 584961

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

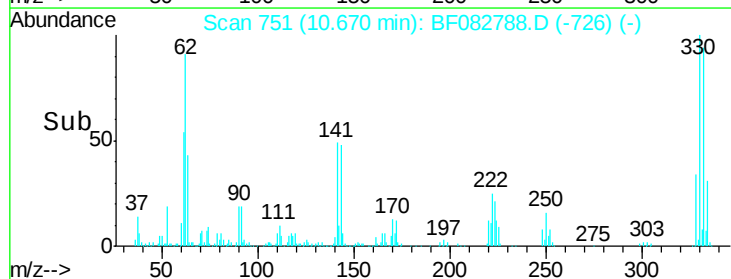
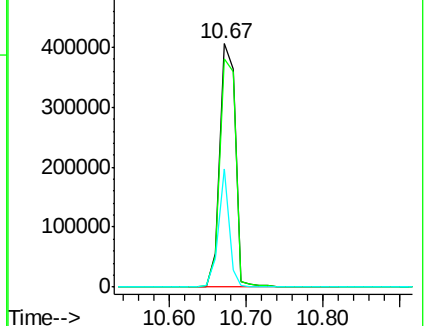
141 33.6 41.2 61.8#

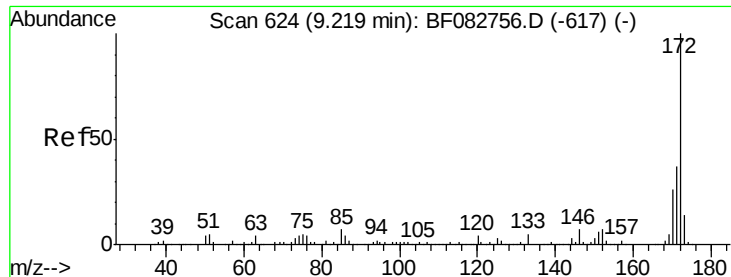


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

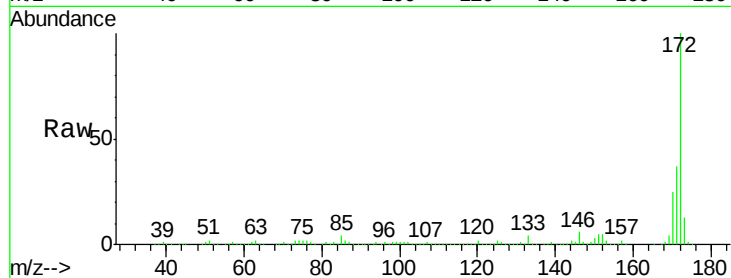




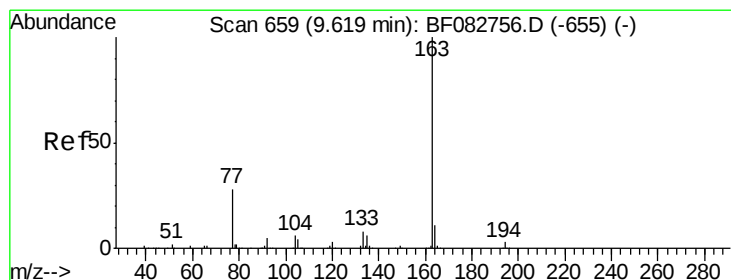
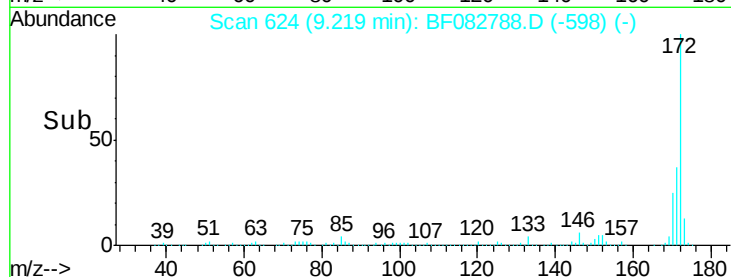
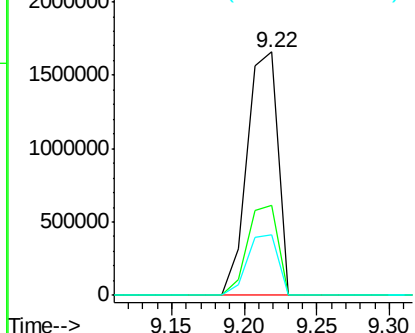
#44
 2-Fluorobiphenyl
 Concen: 69.41 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Instrument :
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 ClientSampleId :
 WABUT-2(0-2)

Tgt Ion:172 Resp: 2435708
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.7 21.2 31.8

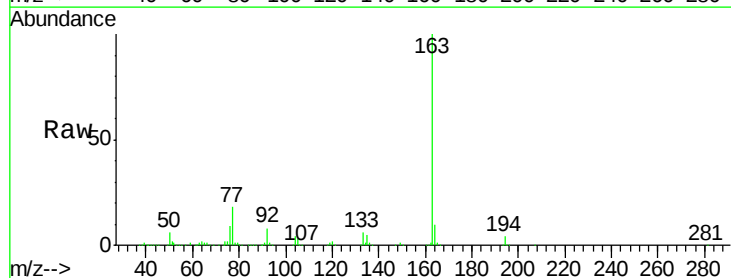


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

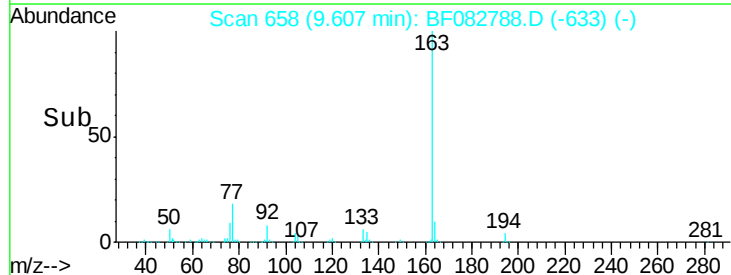
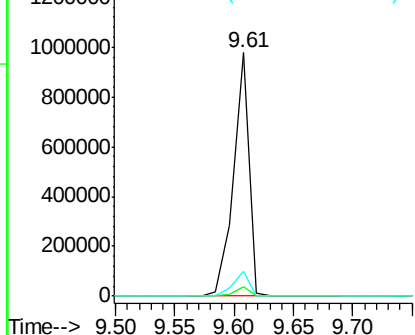


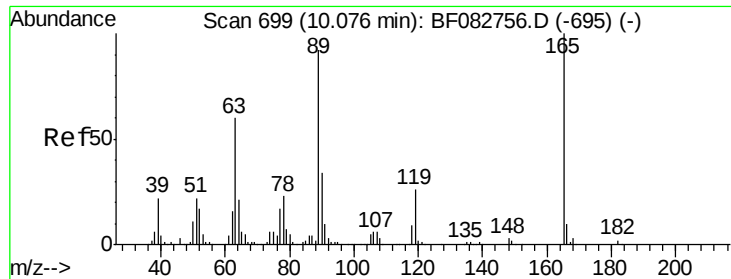
#49
 Dimethylphthalate
 Concen: 21.58 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Tgt Ion:163 Resp: 889220
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 10.2 8.7 13.1



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

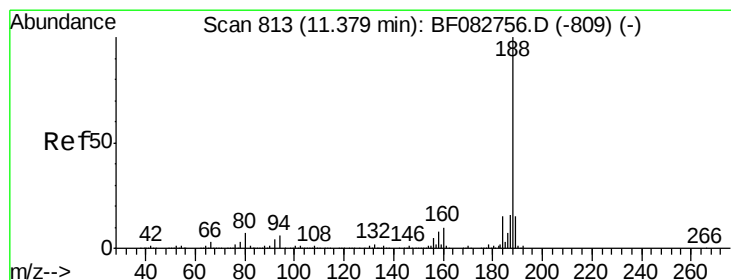
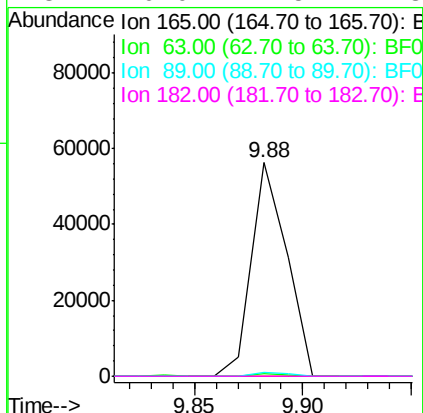
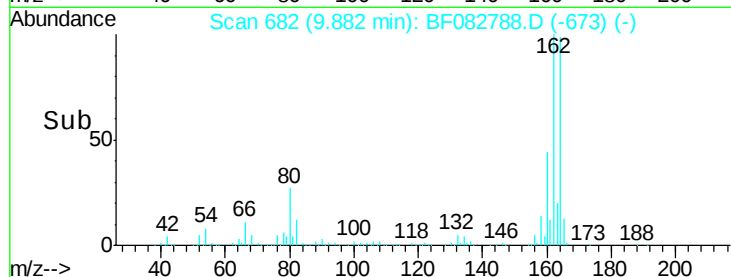
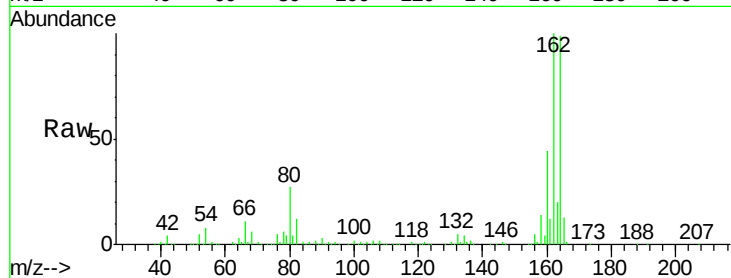




#56
 2,4-Dinitrotoluene
 Concen: 5.33 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

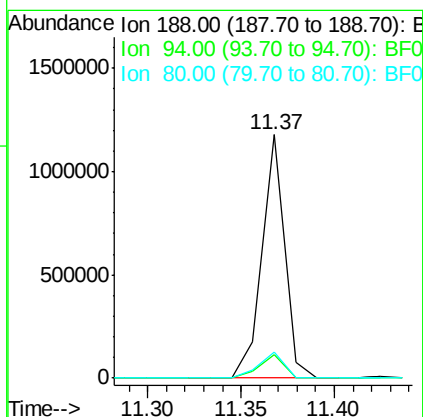
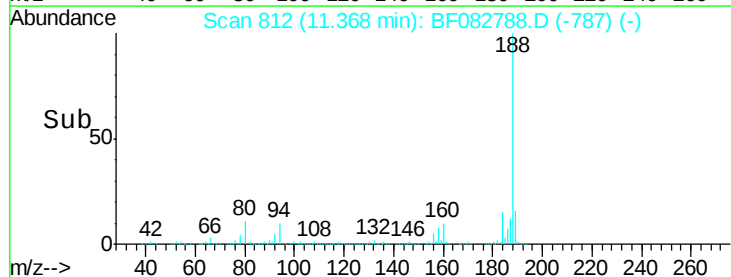
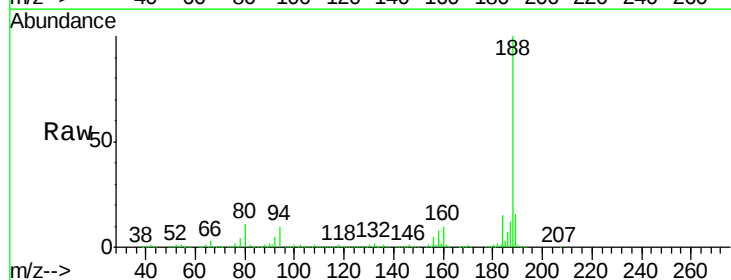
Instrument :
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 WABUT-2(0-2)

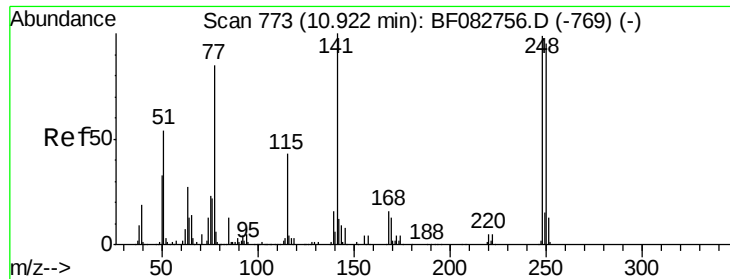
Tgt Ion:165 Resp: 63638
 Ion Ratio Lower Upper
 165 100
 63 1.2 43.4 65.0#
 89 1.6 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Tgt Ion:188 Resp: 989403
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.1 9.1#
 80 10.8 7.0 10.6#

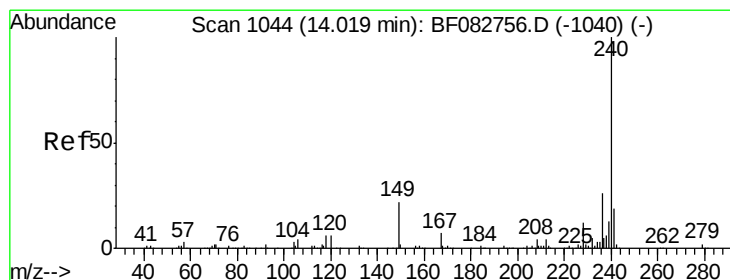
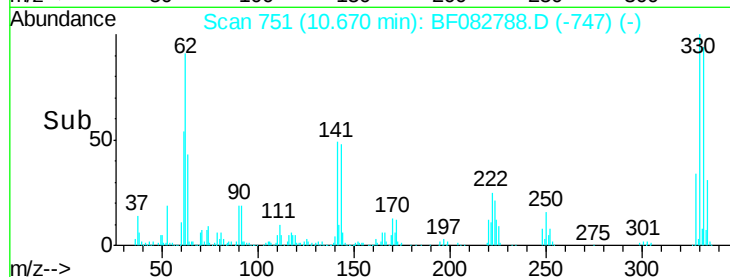
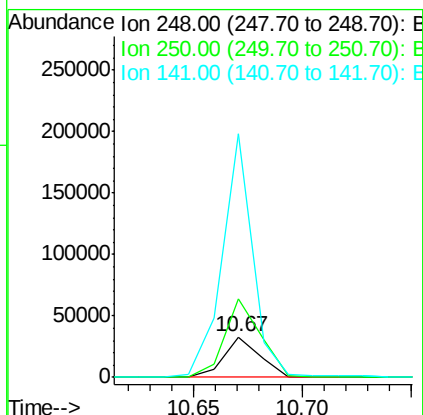
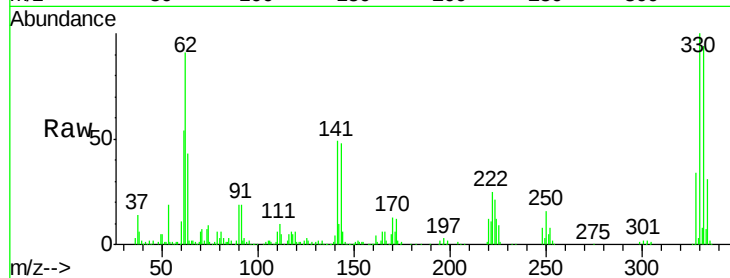




#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

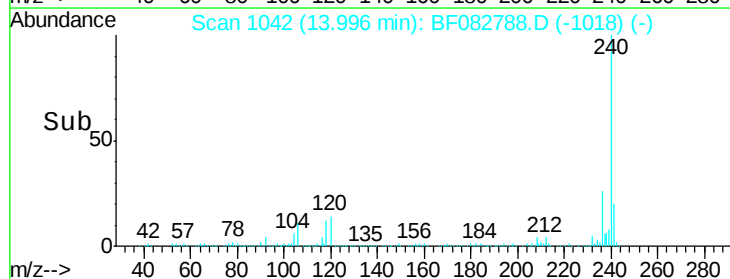
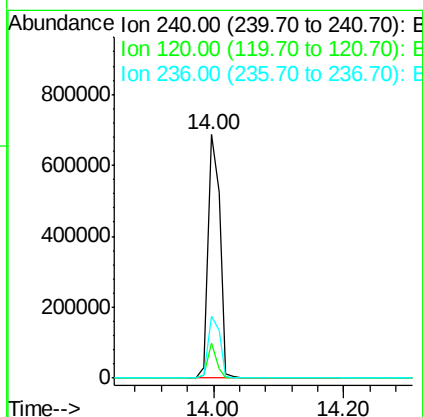
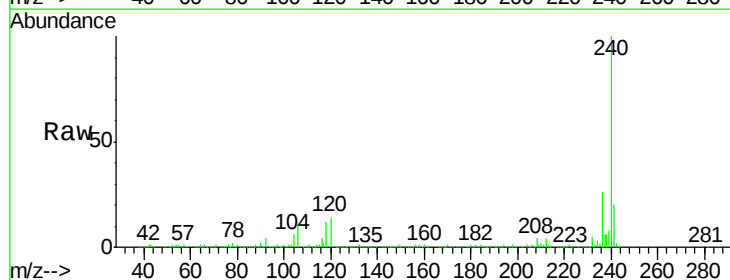
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-2(0-2)

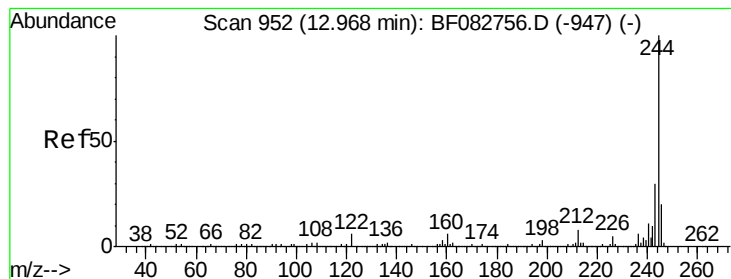
Tgt Ion:248 Resp: 37241
 Ion Ratio Lower Upper
 248 100
 250 195.0 79.4 119.2#
 141 606.8 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF082788.D
 Acq: 7 Nov 2015 4:14

Tgt Ion:240 Resp: 868323
 Ion Ratio Lower Upper
 240 100
 120 14.5 10.9 16.3
 236 25.7 21.6 32.4





#78

Terphenyl-d14

Concen: 62.97 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

Instrument :

BNA_F

ClientSampleId :

WABUT-2(0-2)

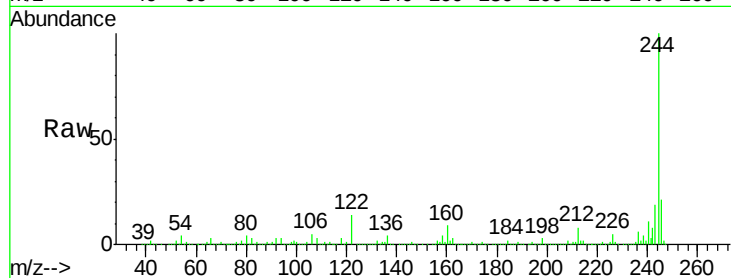
Tgt Ion:244 Resp: 2305193

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 14.4 11.3 16.9

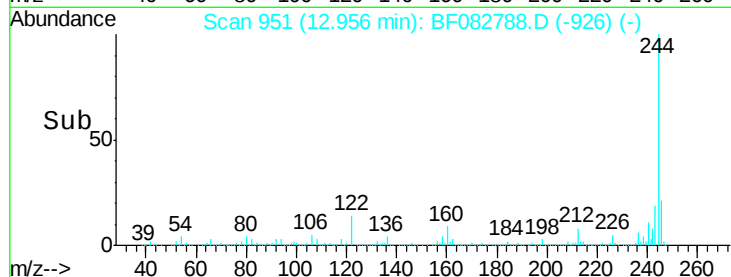


Abundance Ion 244.00 (243.70 to 244.70): E

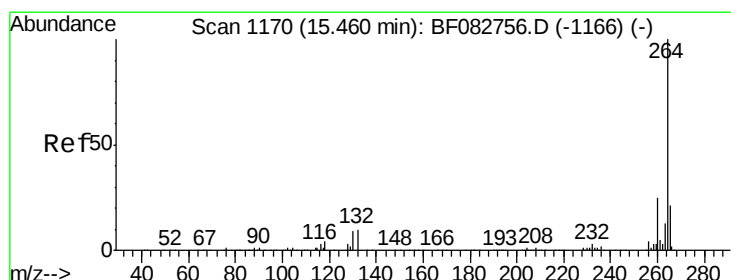
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 13.00 13.20



Time--> 12.80 13.00 13.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082788.D

Acq: 7 Nov 2015 4:14

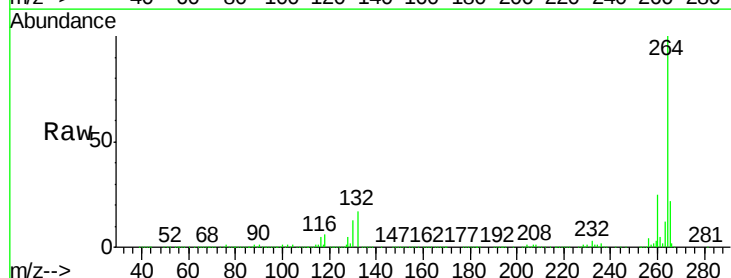
Tgt Ion:264 Resp: 698525

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.8 17.4 26.0

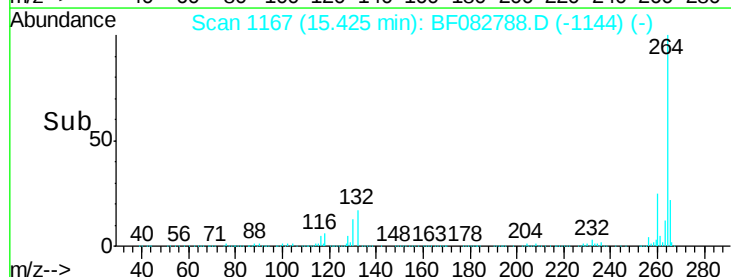


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.30 15.40 15.50 15.60



Time--> 15.30 15.40 15.50 15.60