

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082739.D
 Acq On : 5 Nov 2015 20:00
 Operator : UM/IZ
 Sample : G4261-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-3

Quant Time: Nov 06 01:17:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

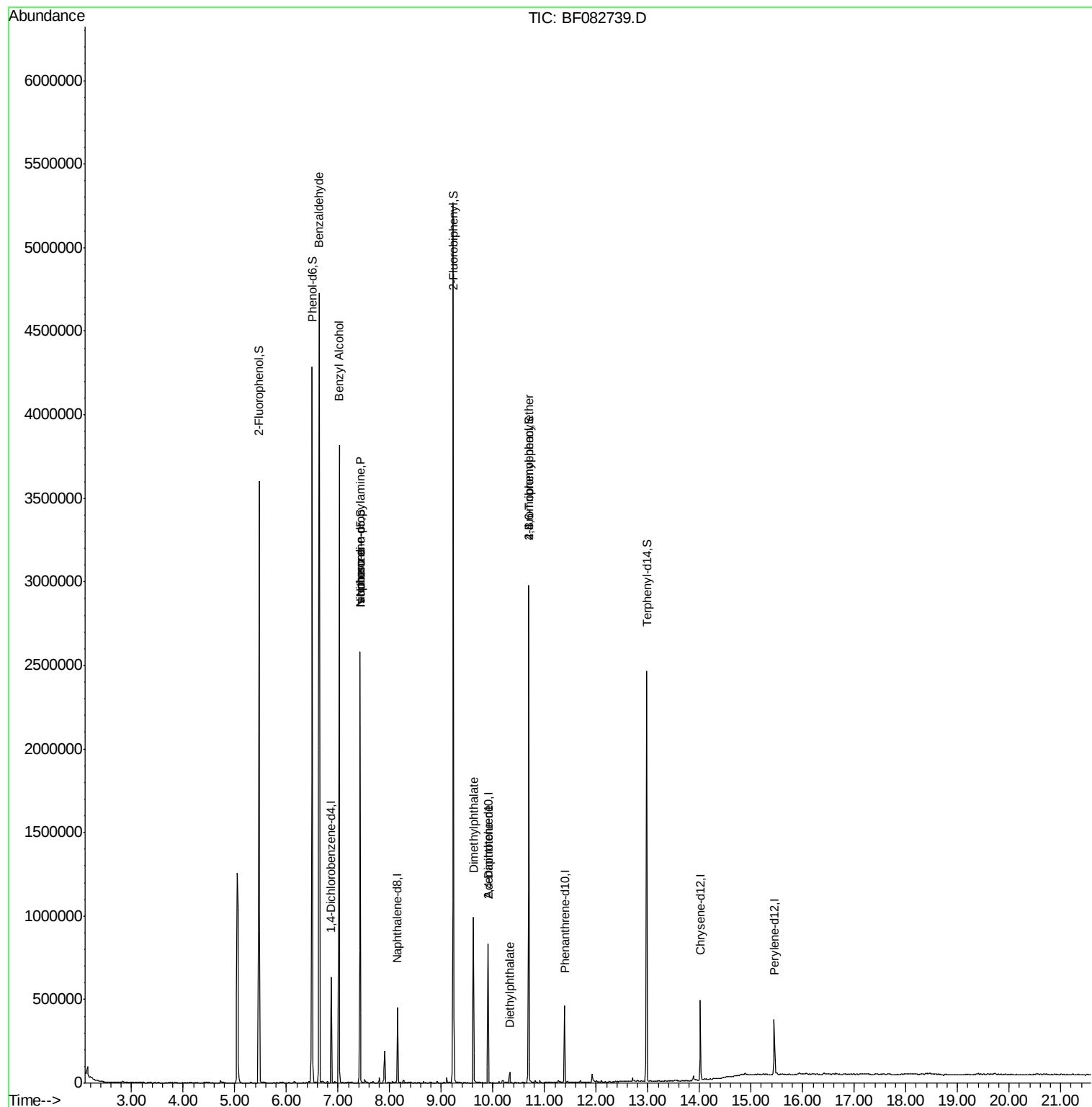
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80056	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	279358	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	151324	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	240640	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	172803	20.00	ng	-0.03
86) Perylene-d12	15.45	264	165288	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1021457	192.17	ng	0.00
7) Phenol-d6	6.50	99	1449498	205.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	913569	133.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	343820	207.61	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1488262	139.64	ng	-0.02
78) Terphenyl-d14	12.98	244	1137171	144.02	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	35704	7.41	ng	Qvalue 88
15) Benzyl Alcohol	7.02	79	19651	2.98	ng	# 59
19) n-Nitroso-di-n-propylamine	7.42	70	123260	23.03	ng	# 71
25) Isophorone	7.42	82	713478	56.69	ng	# 69
49) Dimethylphthalate	9.62	163	369699	29.91	ng	99
56) 2,4-Dinitrotoluene	9.90	165	18940	5.47	ng	# 14
59) Diethylphthalate	10.33	149	26125	2.08	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	24676	9.05	ng	# 1

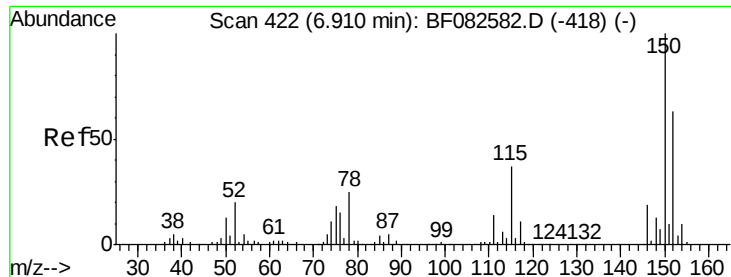
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Instrument :

BNA_F

ClientSampleId :

DW-3

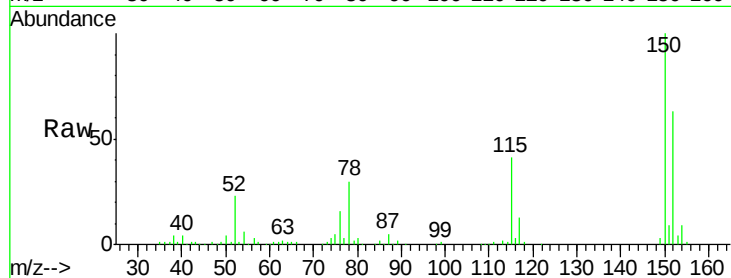
Tgt Ion:152 Resp: 80056

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

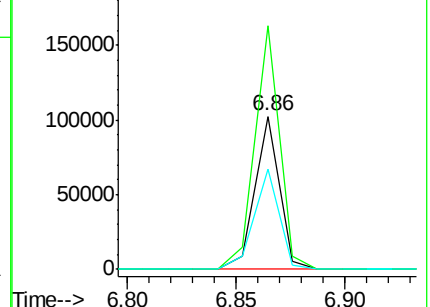
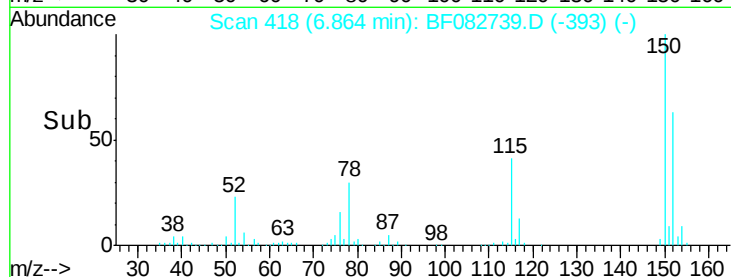
115 65.5 47.0 70.6



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: 192.17 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

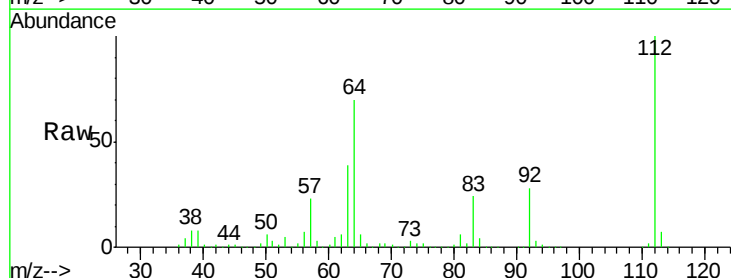
Tgt Ion:112 Resp: 1021457

Ion Ratio Lower Upper

112 100

64 69.9 48.9 73.3

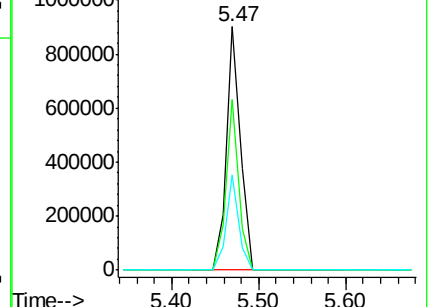
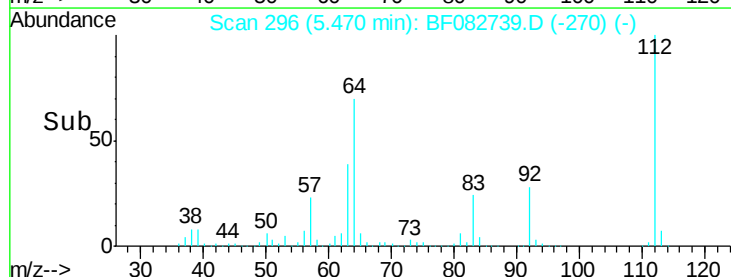
63 38.9 28.1 42.1



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: 205.27 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Instrument :

BNA_F

ClientSampled :

DW-3

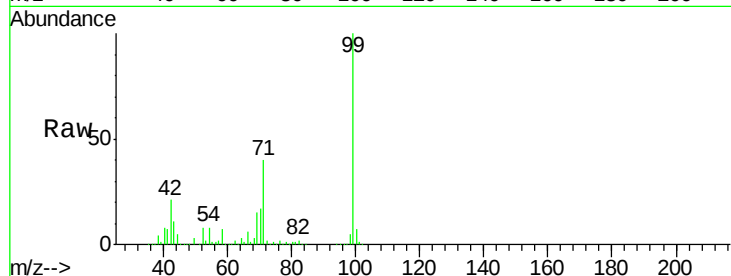
Tgt Ion: 99 Resp: 1449498

Ion Ratio Lower Upper

99 100

42 21.3 19.2 28.8

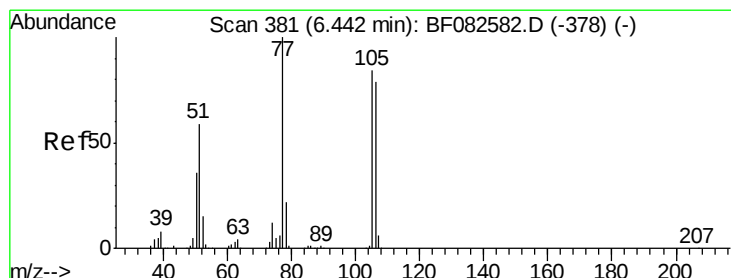
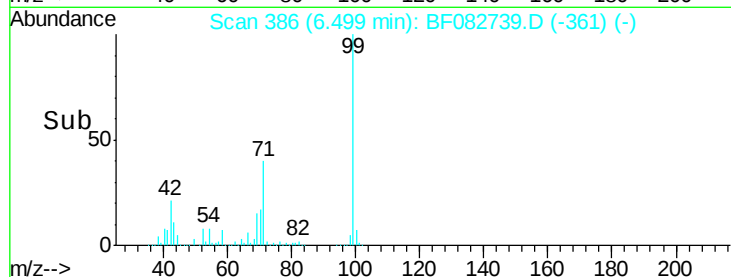
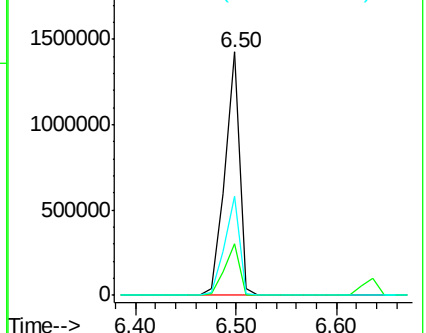
71 40.4 35.0 52.4



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: 7.41 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

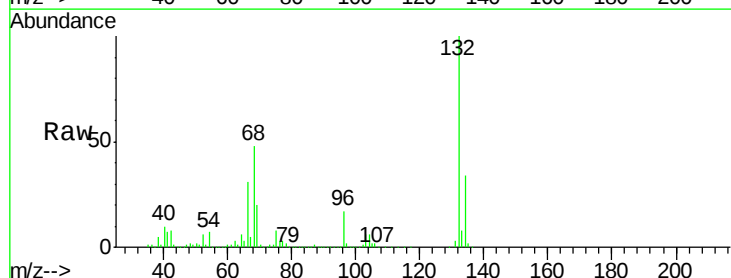
Tgt Ion: 77 Resp: 35704

Ion Ratio Lower Upper

77 100

105 76.8 63.5 103.5

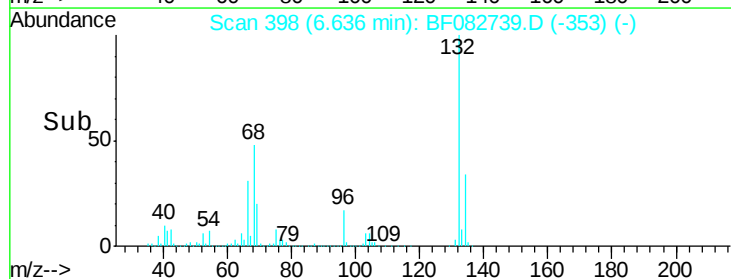
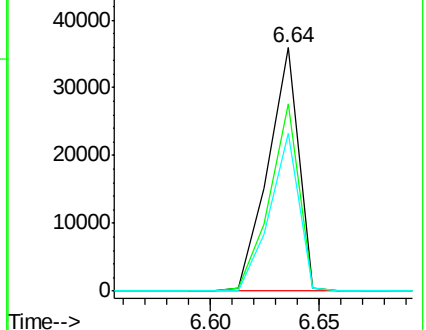
106 65.0 59.3 99.3

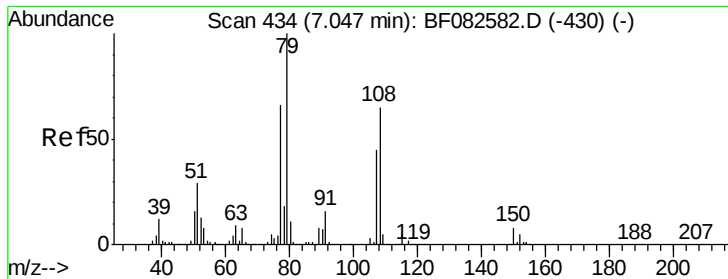


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Instrument :

BNA_F

ClientSampleId :

DW-3

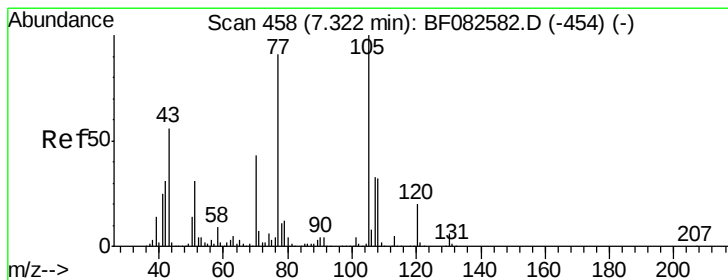
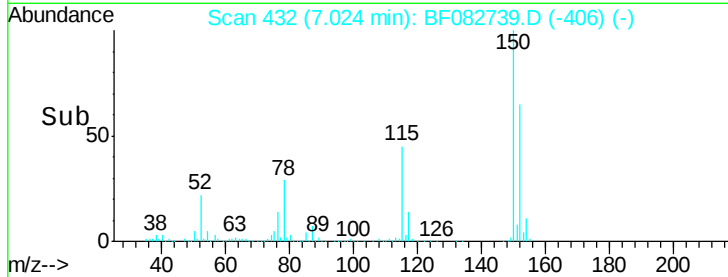
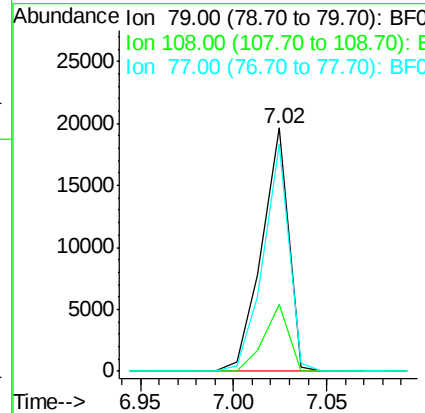
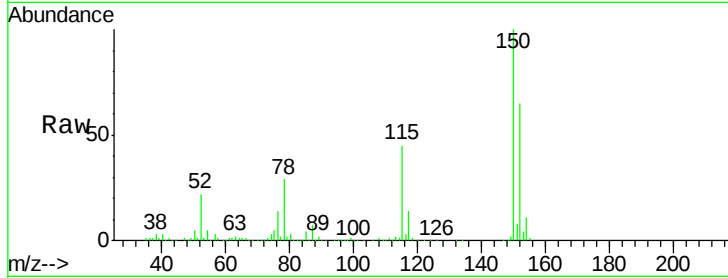
Tgt Ion: 79 Resp: 19651

Ion Ratio Lower Upper

79 100

108 27.7 52.2 78.4#

77 93.2 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 23.03 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Tgt Ion: 70 Resp: 123260

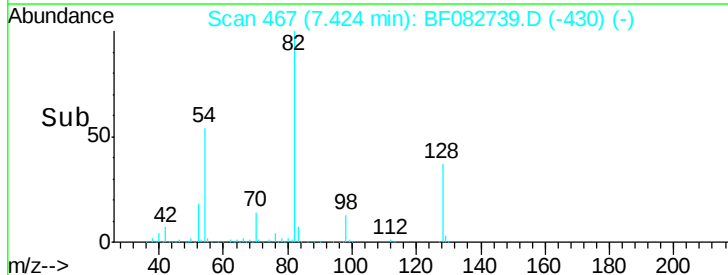
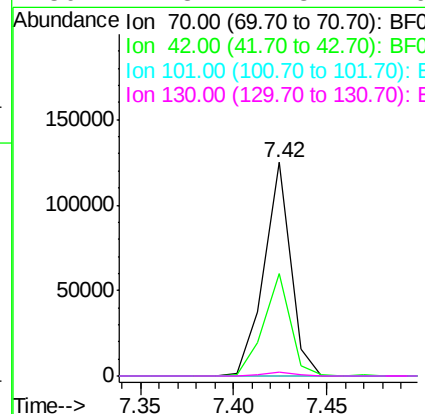
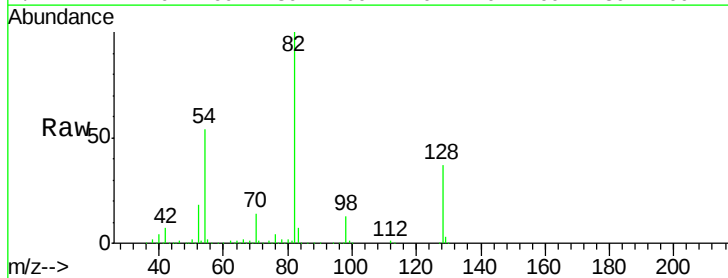
Ion Ratio Lower Upper

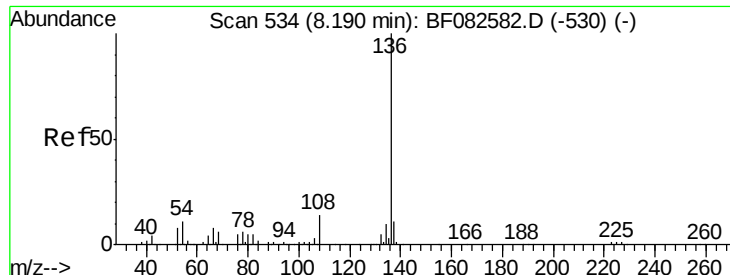
70 100

42 47.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

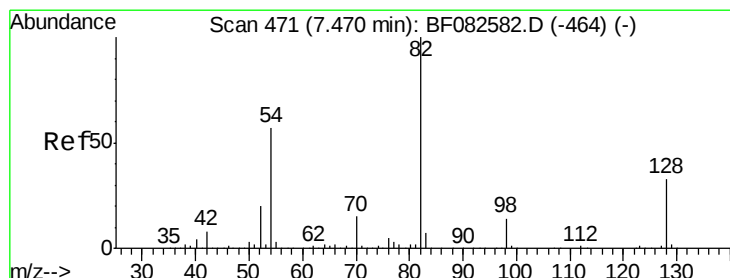
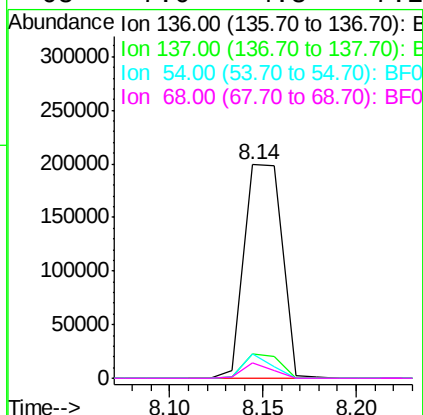
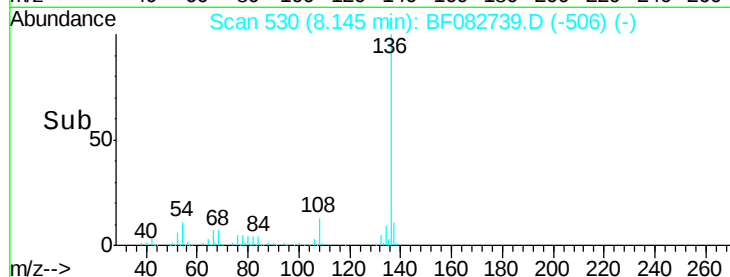
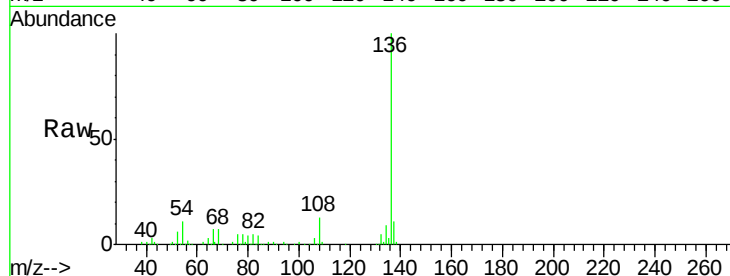




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

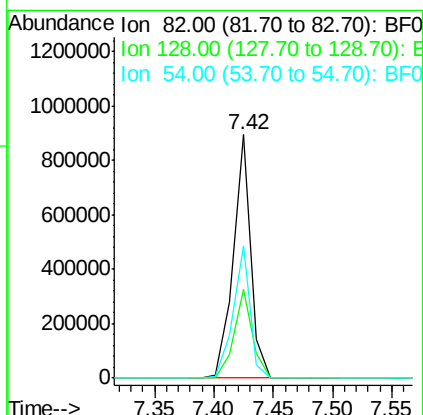
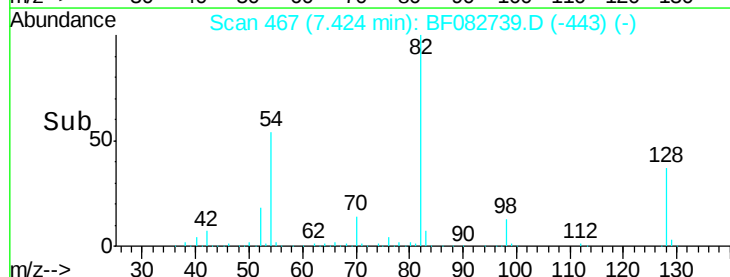
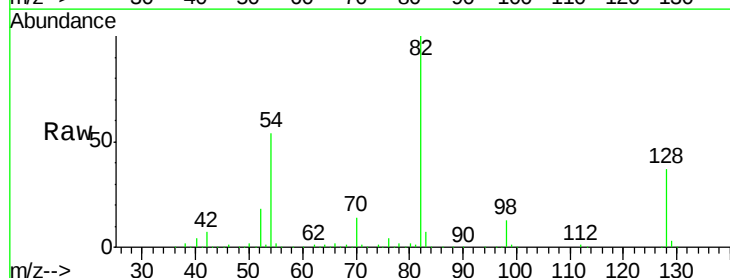
Instrument :
BNA_F
ClientSampleId :
DW-3

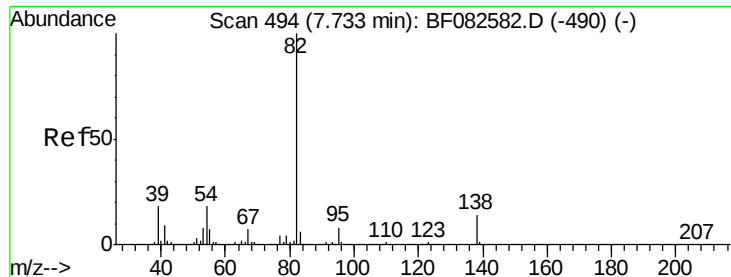
Tgt Ion:	136	Resp:	279358
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.2	9.1	13.7
68	7.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 133.54 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

Tgt Ion:	82	Resp:	913569
Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.8	40.2
54	54.2	45.7	68.5





#25

Isophorone

Concen: 56.69 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Instrument :

BNA_F

ClientSampleId :

DW-3

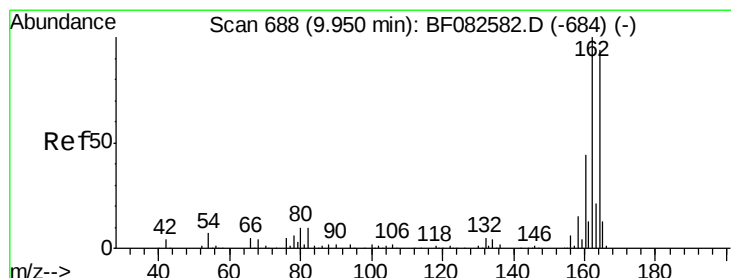
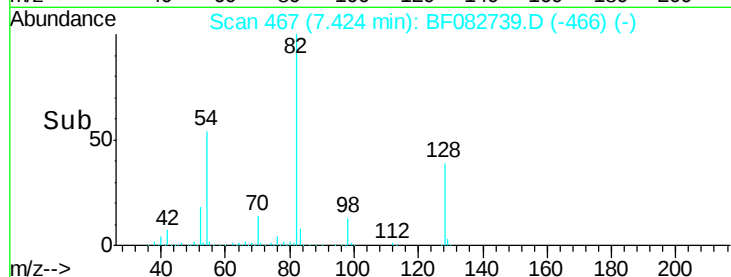
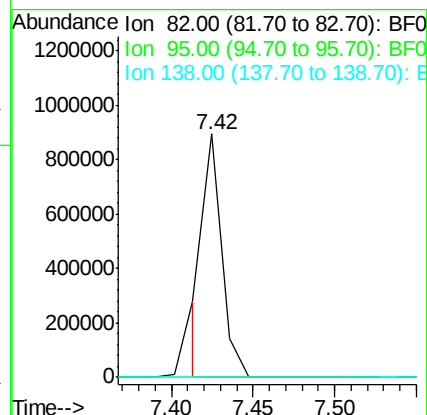
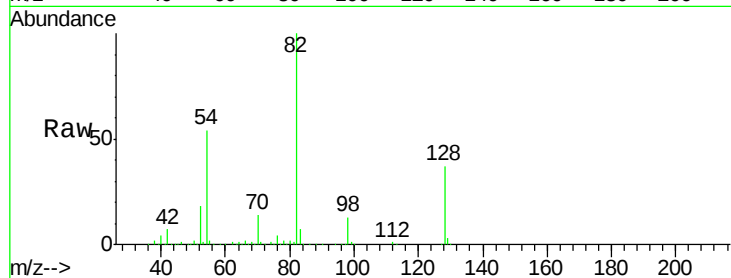
Tgt Ion: 82 Resp: 713478

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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

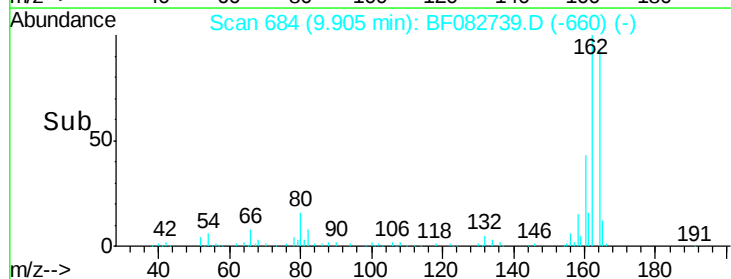
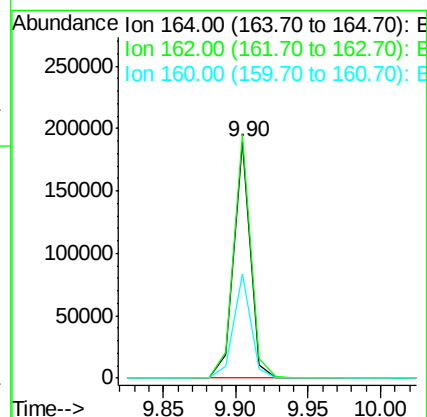
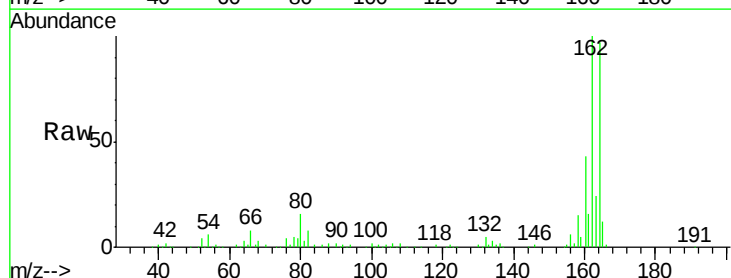
Tgt Ion: 164 Resp: 151324

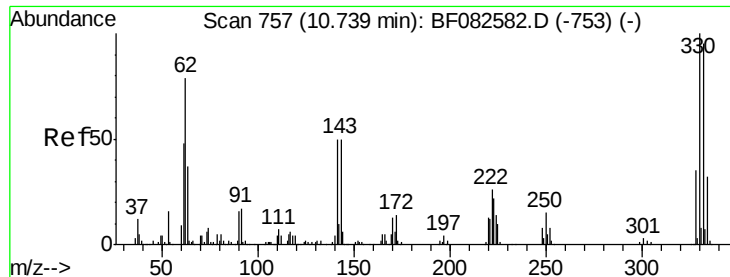
Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

160 43.9 37.5 56.3

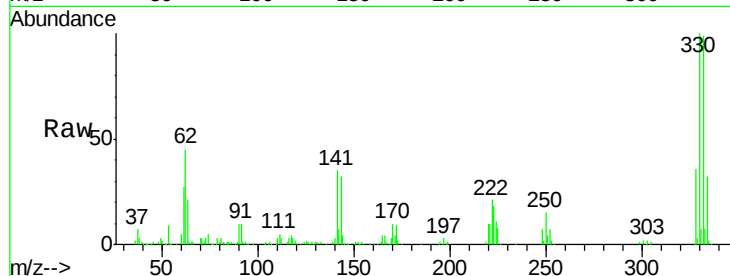




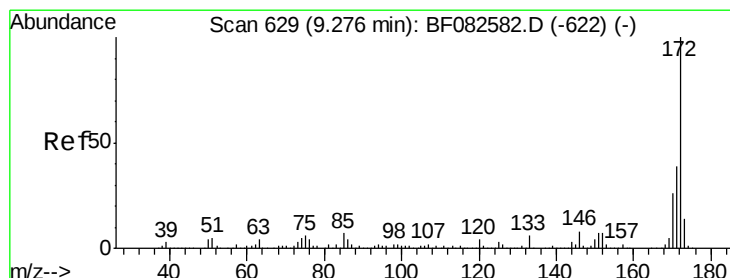
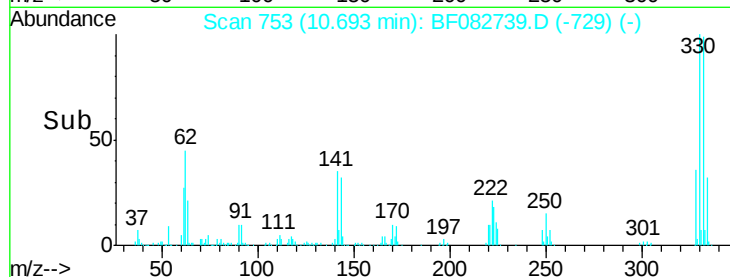
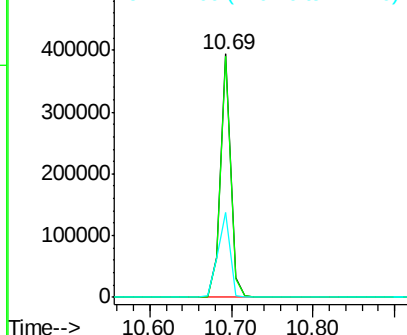
#41
 2,4,6-Tribromophenol
 Concen: 207.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082739.D
 Acq: 5 Nov 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 DW-3

Tgt Ion:330 Resp: 343820
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 41.0 41.2 61.8#

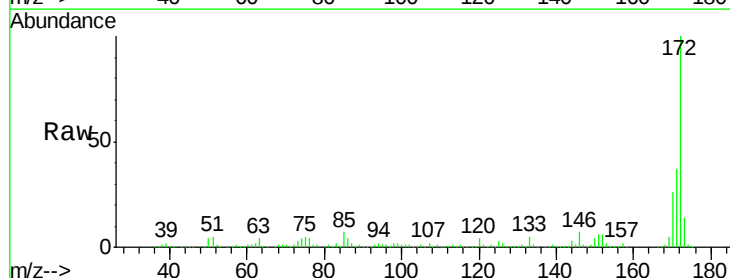


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

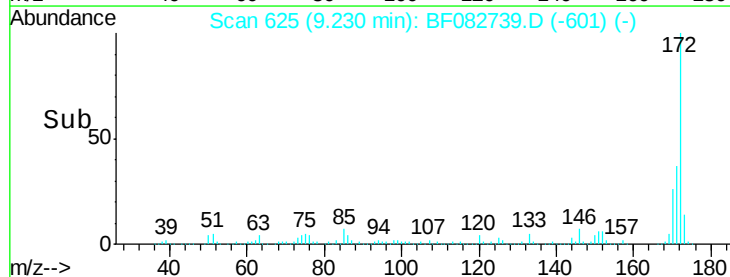
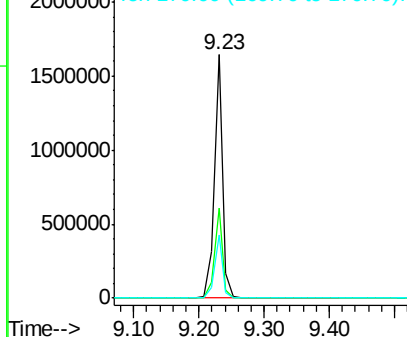


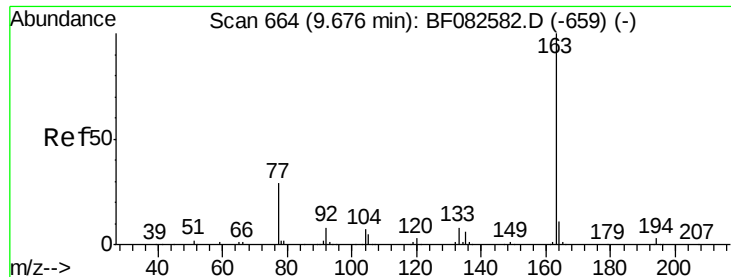
#44
 2-Fluorobiphenyl
 Concen: 139.64 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082739.D
 Acq: 5 Nov 2015 20:00

Tgt Ion:172 Resp: 1488262
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.8 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

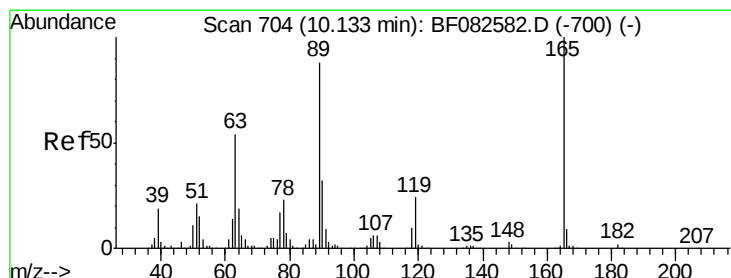
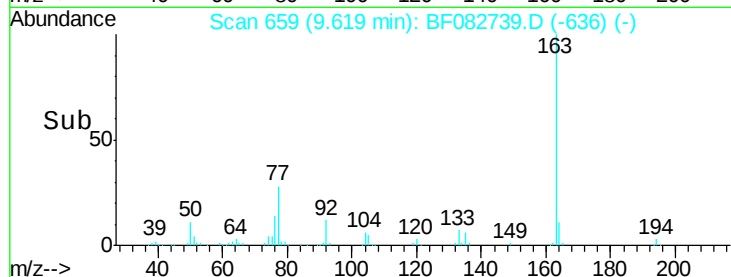
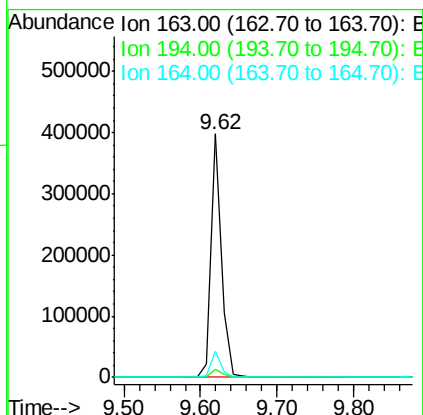
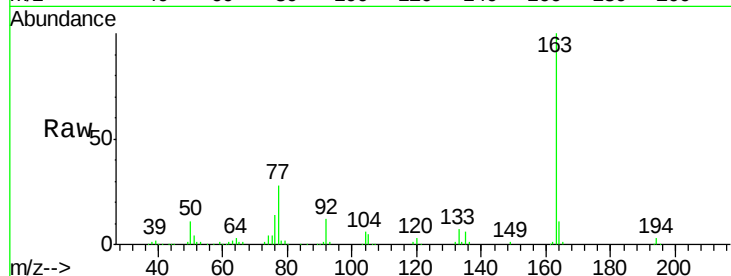




#49
Dimethylphthalate
Concen: 29.91 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

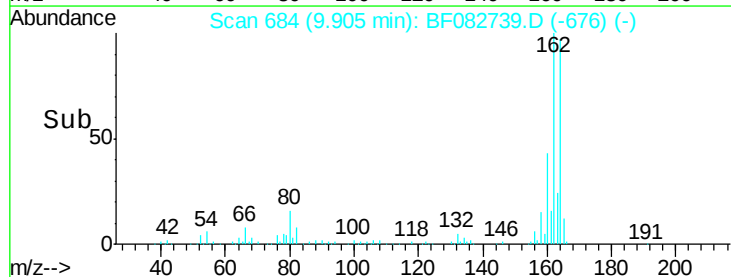
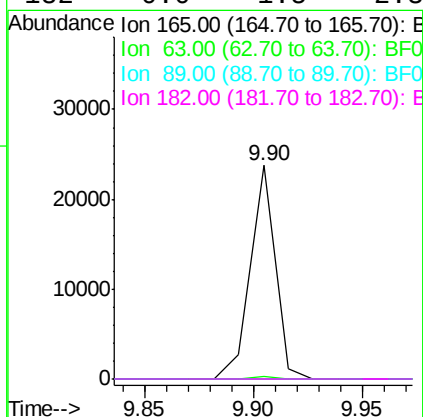
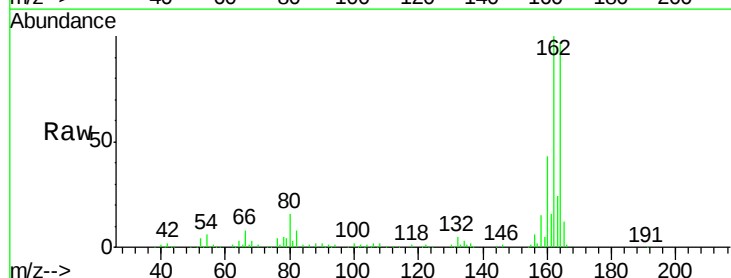
Instrument :
BNA_F
ClientSampleId :
DW-3

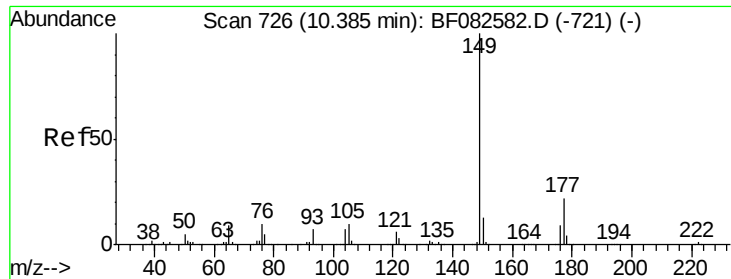
Tgt Ion:163 Resp: 369699
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

Tgt Ion:165 Resp: 18940
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 0.0 70.6 106.0#
182 0.0 1.5 2.3#

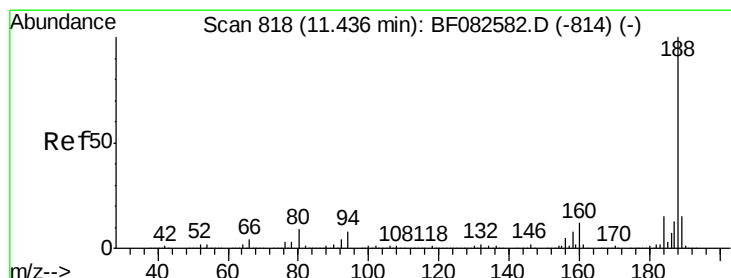
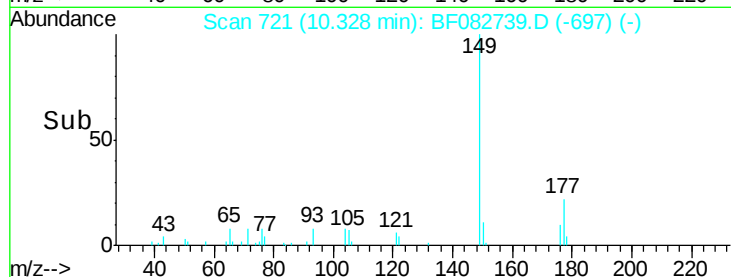
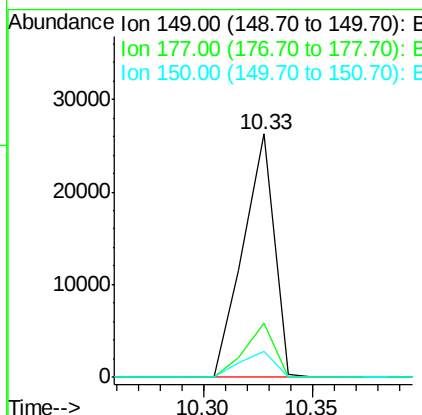
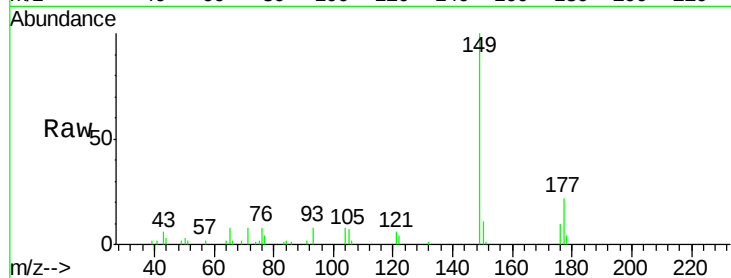




#59
Diethylphthalate
Concen: 2.08 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

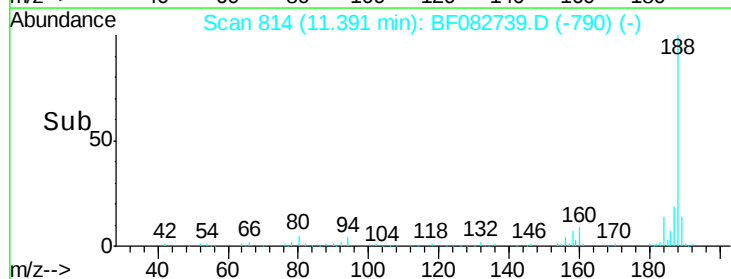
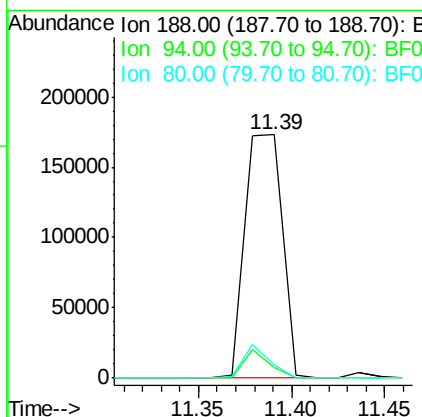
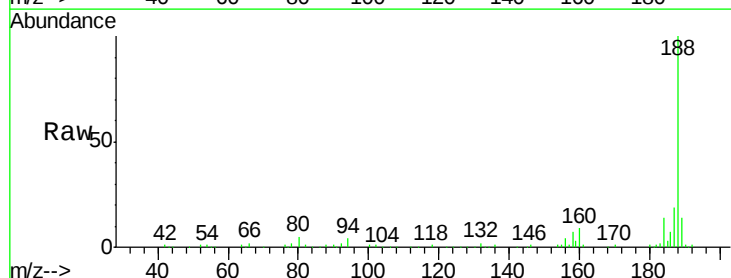
Instrument :
BNA_F
ClientSampleId :
DW-3

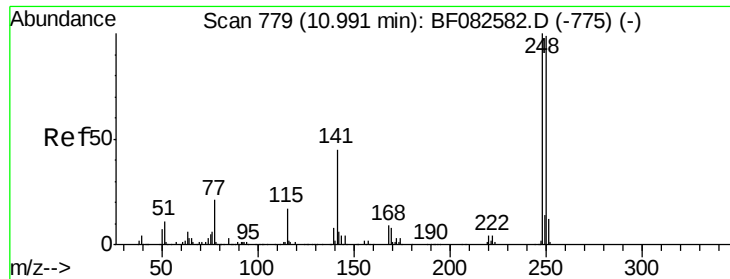
Tgt Ion:149 Resp: 26125
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 10.7 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082739.D
Acq: 5 Nov 2015 20:00

Tgt Ion:188 Resp: 240640
Ion Ratio Lower Upper
188 100
94 4.1 6.1 9.1#
80 5.2 7.0 10.6#

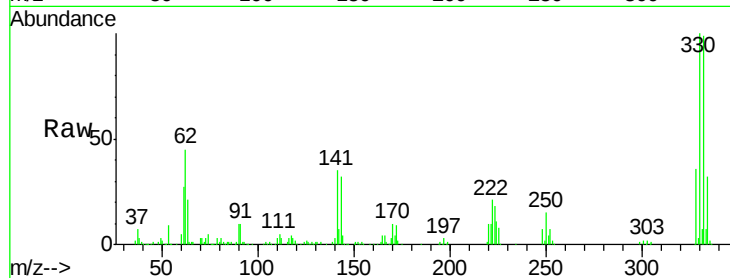




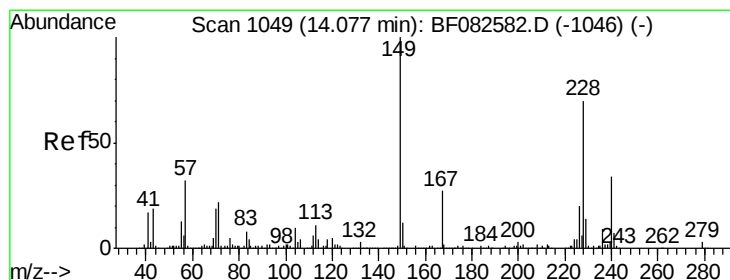
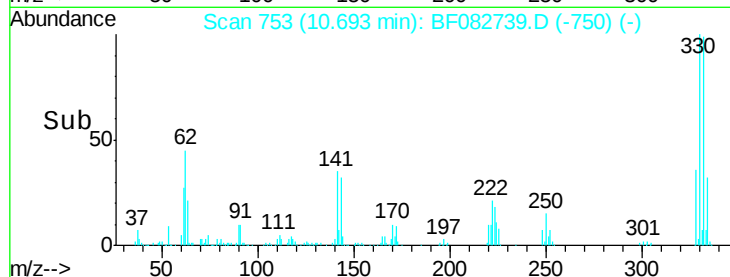
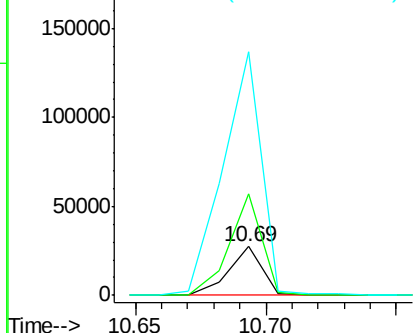
#66
 4-Bromophenyl-phenylether
 Concen: 9.05 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082739.D
 Acq: 5 Nov 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 DW-3

Tgt Ion:248 Resp: 24676
 Ion Ratio Lower Upper
 248 100
 250 208.2 79.4 119.2#
 141 496.8 36.3 54.5#

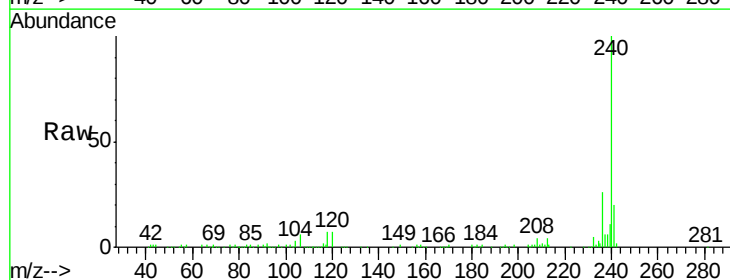


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

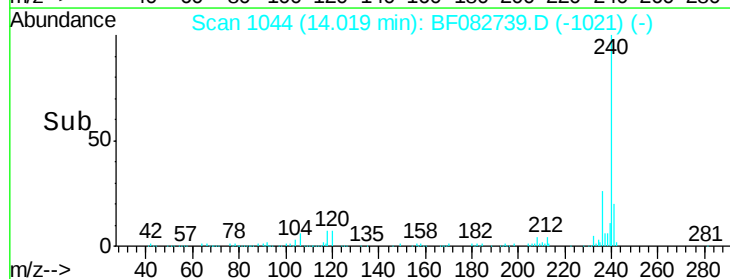
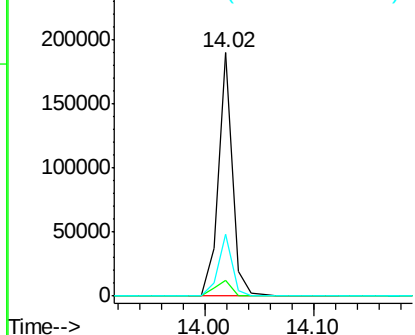


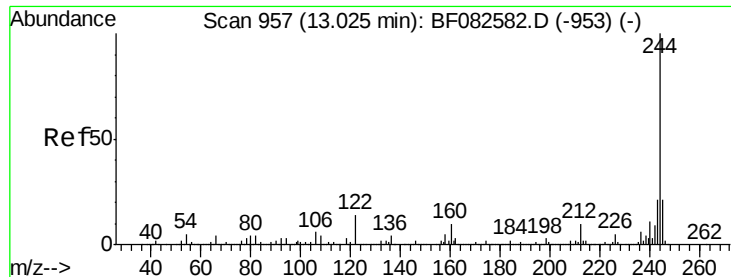
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082739.D
 Acq: 5 Nov 2015 20:00

Tgt Ion:240 Resp: 172803
 Ion Ratio Lower Upper
 240 100
 120 6.6 10.9 16.3#
 236 25.5 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: 144.02 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

Instrument :

BNA_F

ClientSampleId :

DW-3

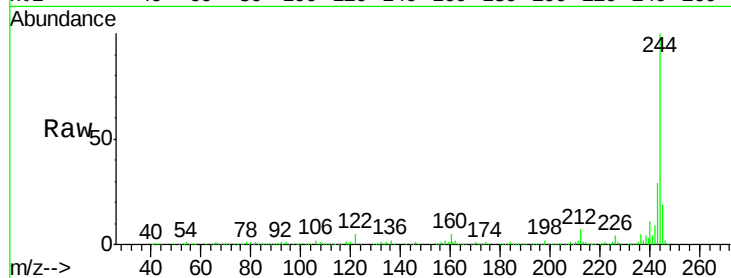
Tgt Ion:244 Resp: 1137171

Ion Ratio Lower Upper

244 100

212 7.0 7.6 11.4#

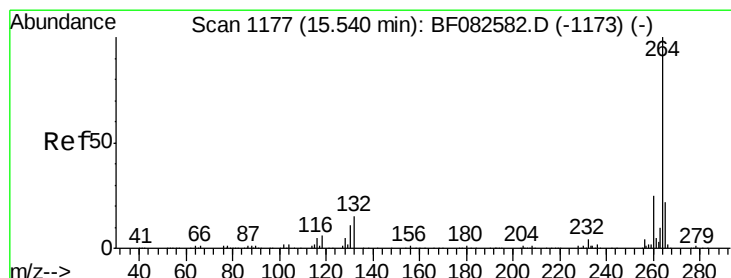
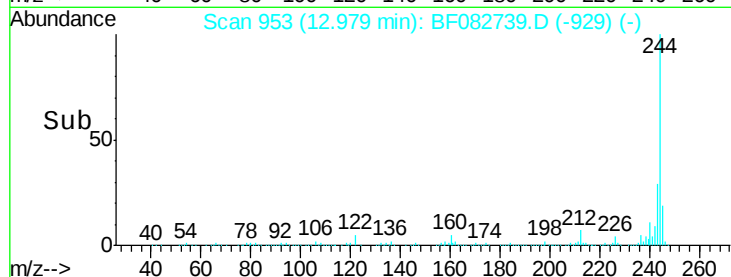
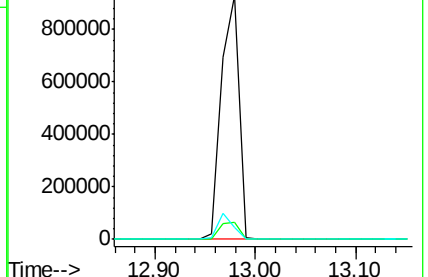
122 5.0 11.3 16.9#



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF082739.D

Acq: 5 Nov 2015 20:00

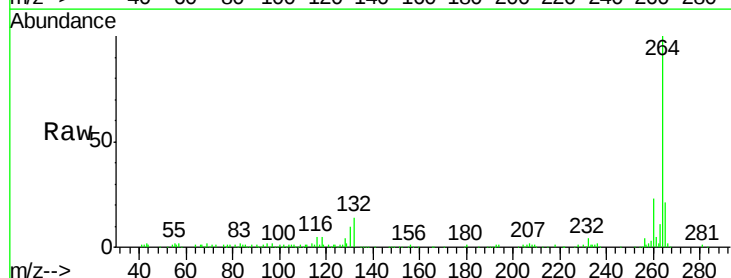
Tgt Ion:264 Resp: 165288

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.0 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

