

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
 Data File : BF081078.D
 Acq On : 19 Aug 2015 11:09
 Operator : UM/IZ
 Sample : G3282-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-081215

Quant Time: Aug 19 13:24:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

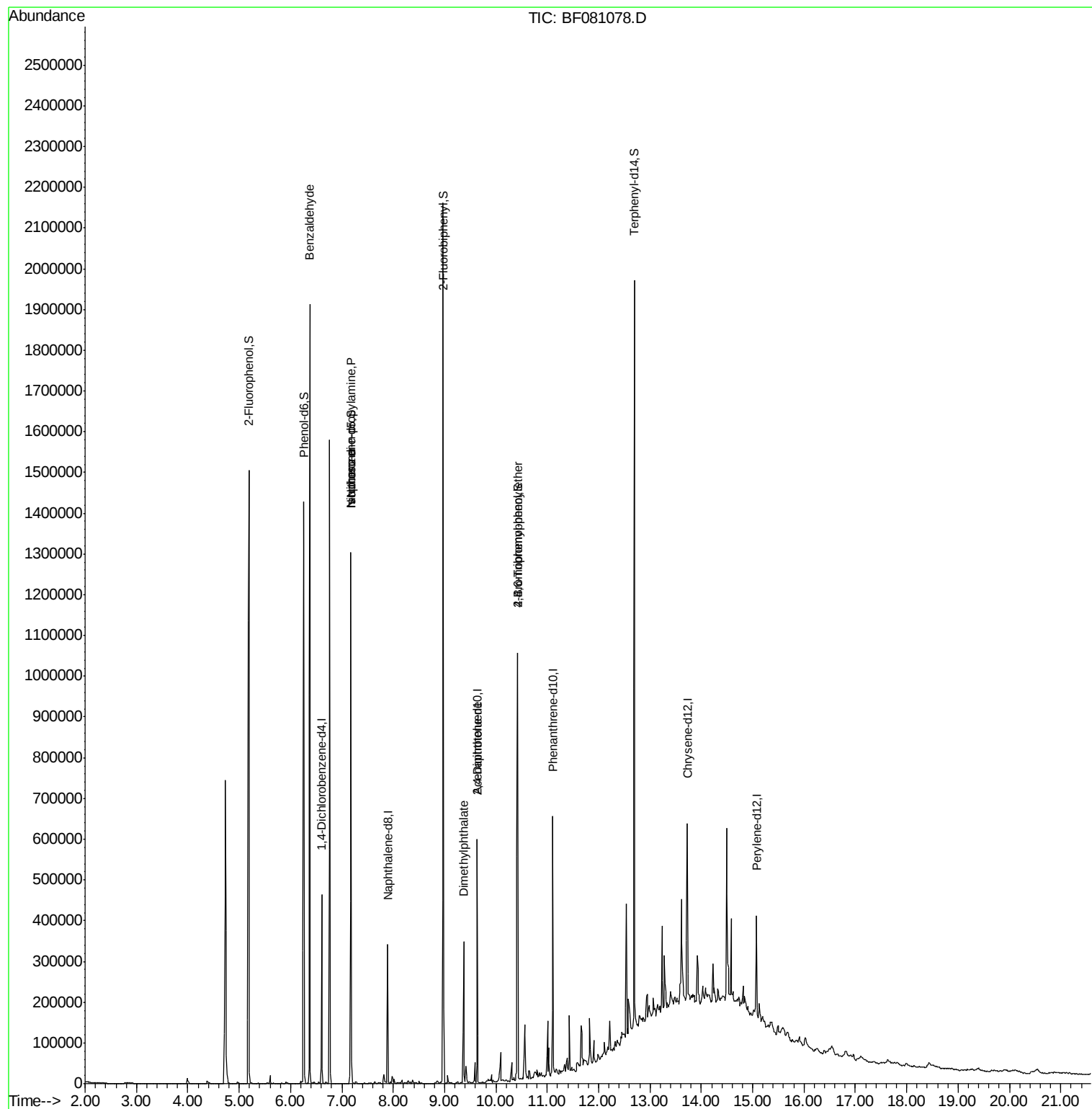
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	57938	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	218696	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	105469	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	222802	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	137699	20.00	ng	-0.02
86) Perylene-d12	15.07	264	115487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	497322	129.11	ng	0.00
7) Phenol-d6	6.26	99	733940	146.03	ng	0.00
23) Nitrobenzene-d5	7.18	82	413244	86.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	105802	115.73	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	609296	75.69	ng	-0.02
78) Terphenyl-d14	12.70	244	583982	90.92	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	14154	4.37	ng	82
19) n-Nitroso-di-n-propylamine	7.18	70	57159	16.42	ng	# 70
25) Isophorone	7.18	82	308679	34.58	ng	# 71
49) Dimethylphthalate	9.37	163	143567	16.53	ng	100
56) 2,4-Dinitrotoluene	9.63	165	13587	5.50	ng	# 18
66) 4-Bromophenyl-phenylether	10.42	248	8888	4.06	ng	# 1

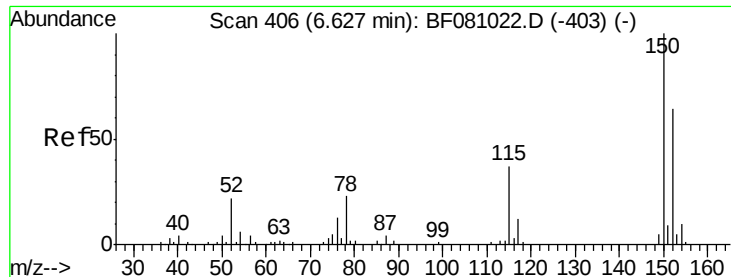
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

Instrument :

BNA_F

ClientSampleId :

DUP01-081215

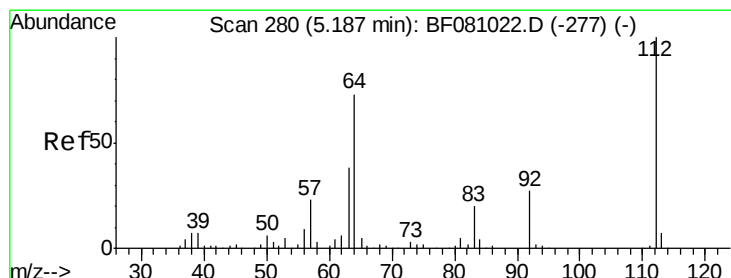
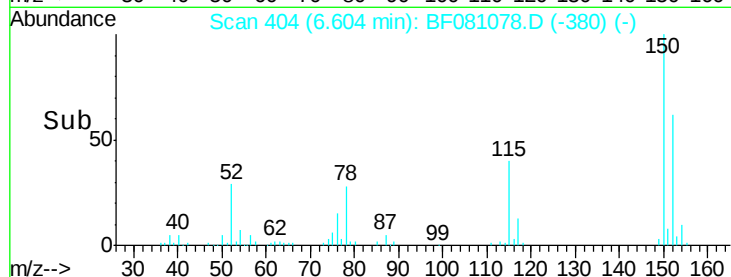
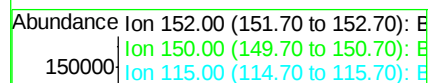
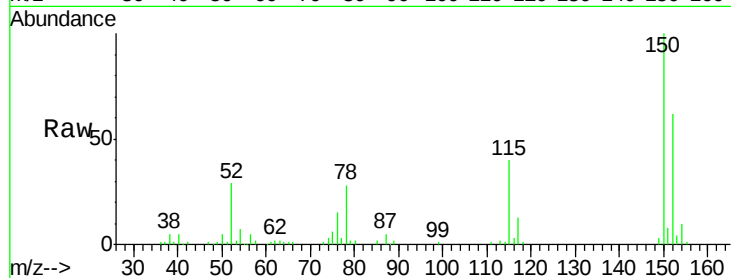
Tgt Ion:152 Resp: 57938

Ion Ratio Lower Upper

152 100

150 162.4 123.8 185.6

115 65.7 52.1 78.1



#5

2-Fluorophenol

Concen: 129.11 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.00 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

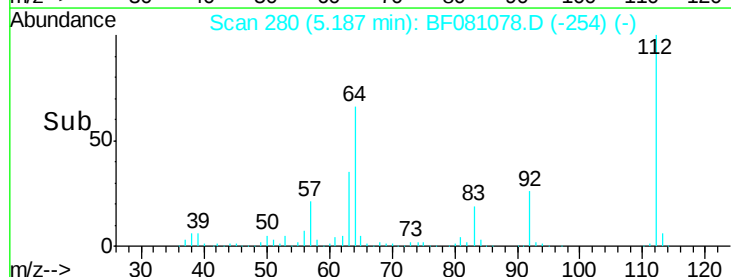
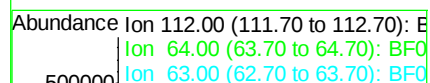
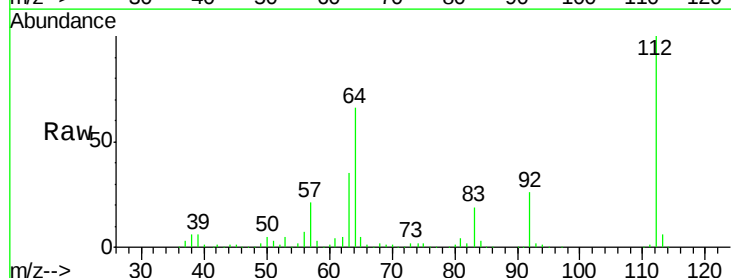
Tgt Ion:112 Resp: 497322

Ion Ratio Lower Upper

112 100

64 65.8 66.9 100.3#

63 34.6 38.1 57.1#





#7

Phenol-d6

Concen: 146.03 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

Instrument :

BNA_F

ClientSampleId :

DUP01-081215

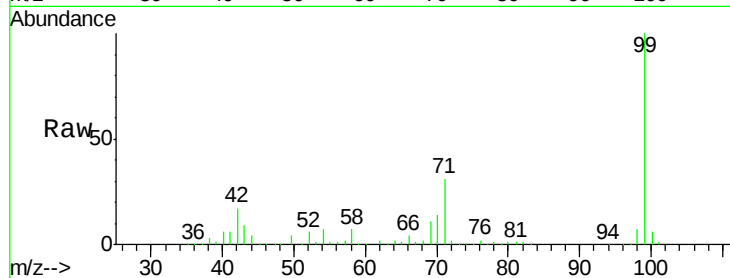
Tgt Ion: 99 Resp: 733940

Ion Ratio Lower Upper

99 100

42 17.4 19.6 29.4#

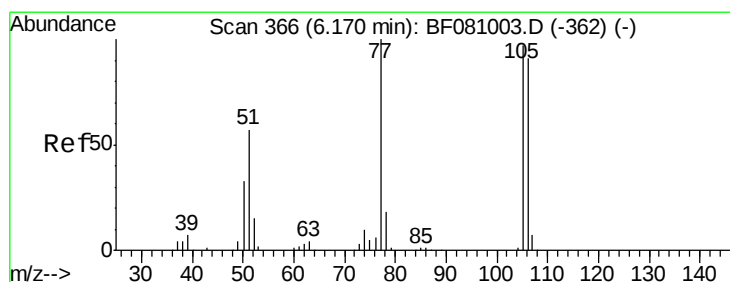
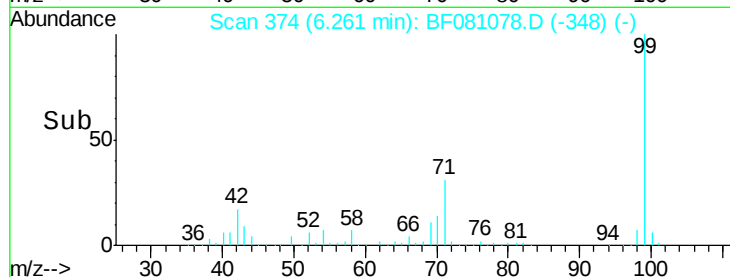
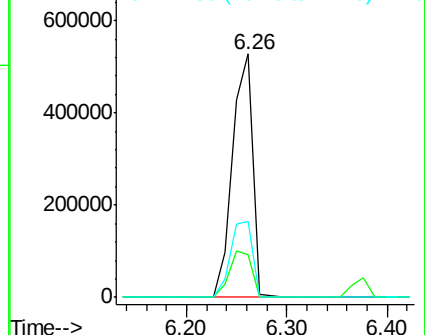
71 31.3 31.2 46.8



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: 4.37 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

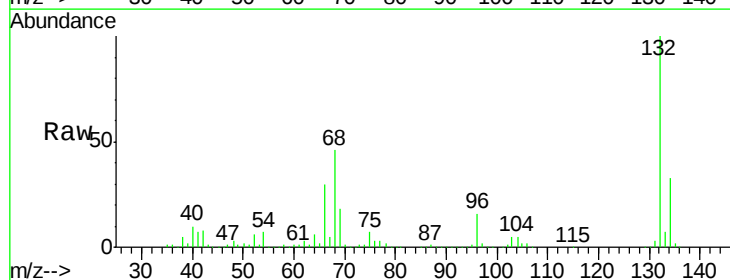
Tgt Ion: 77 Resp: 14154

Ion Ratio Lower Upper

77 100

105 74.2 69.6 109.6

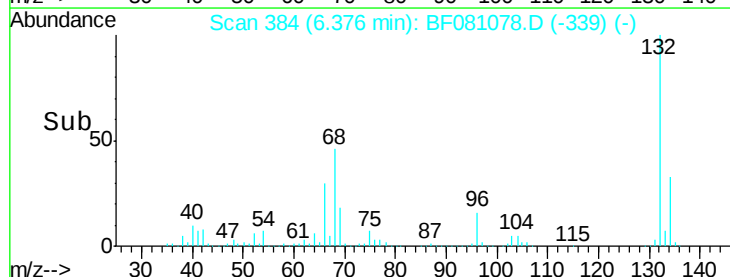
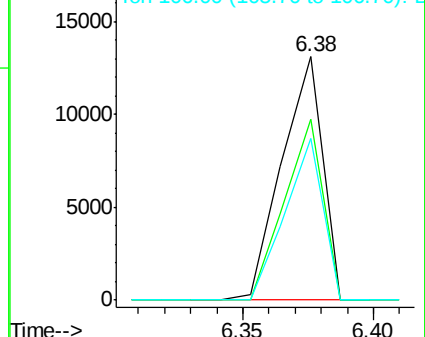
106 66.6 64.0 104.0

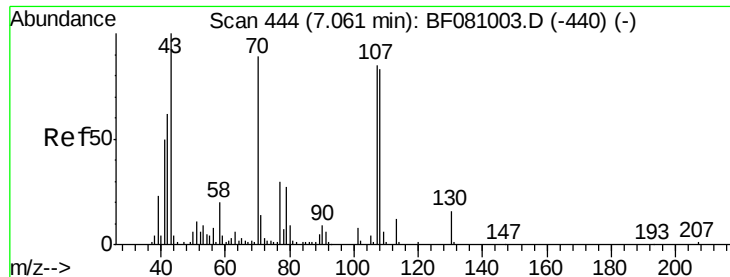


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

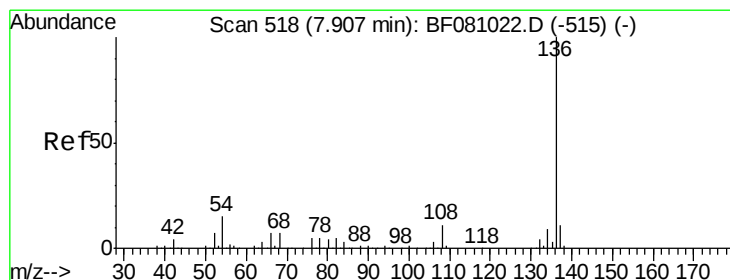
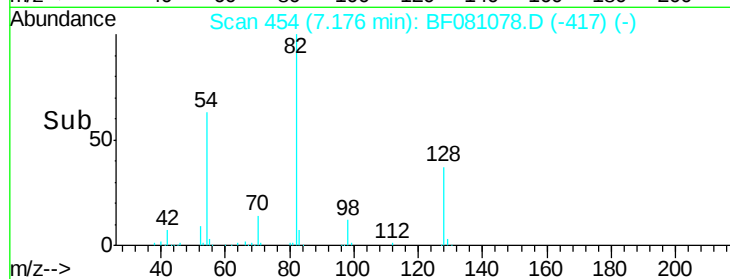
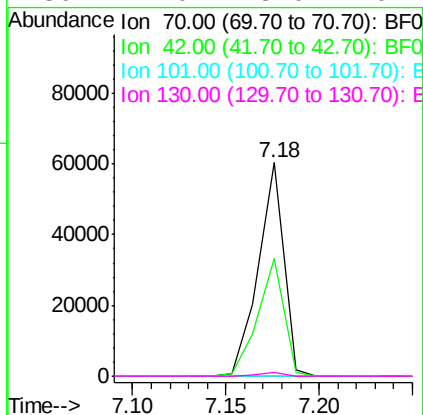
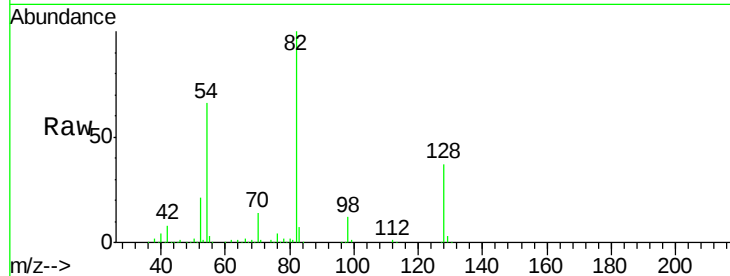




#19
n-Nitroso-di-n-propylamine
Concen: 16.42 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081078.D
Acq: 19 Aug 2015 11:09

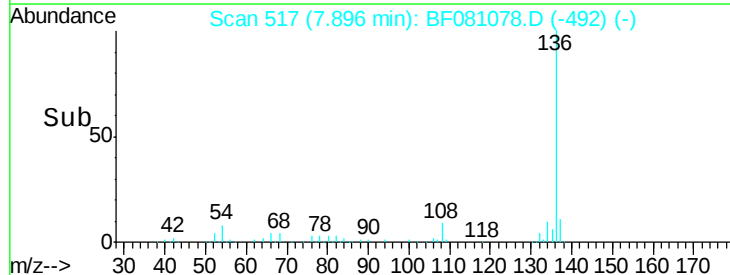
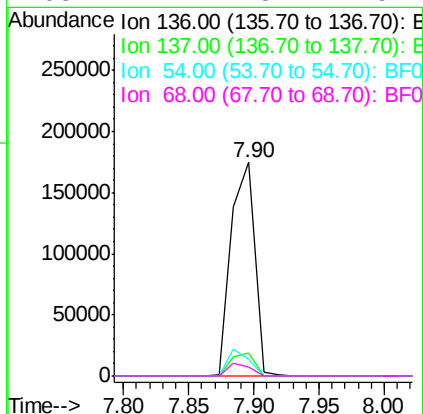
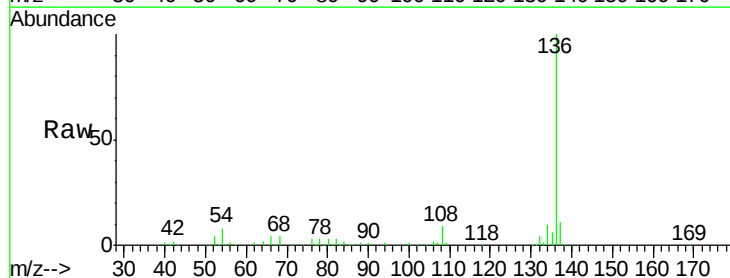
Instrument :
BNA_F
ClientSampleId :
DUP01-081215

Tgt Ion: 70 Resp: 57159
Ion Ratio Lower Upper
70 100
42 55.2 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081078.D
Acq: 19 Aug 2015 11:09

Tgt Ion: 136 Resp: 218696
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.9 7.7 11.5
68 4.2 3.4 5.2

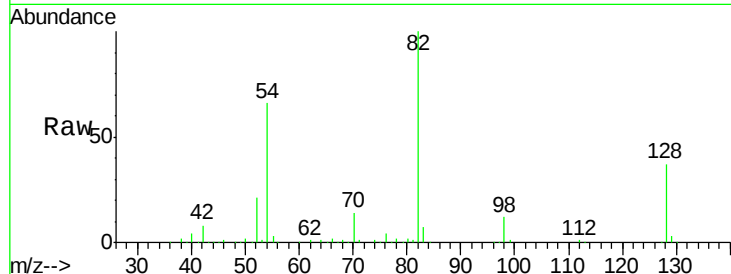




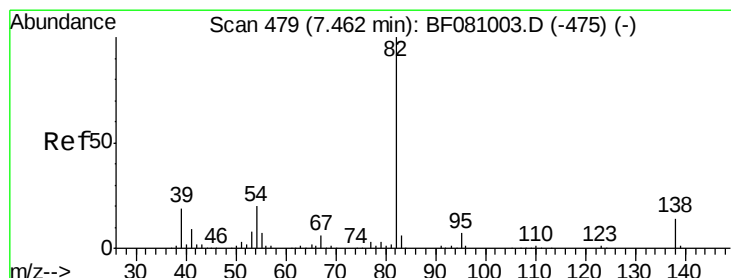
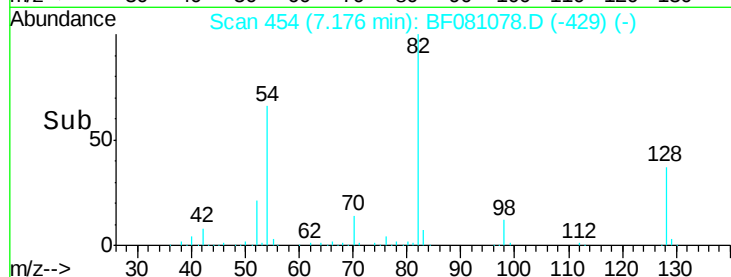
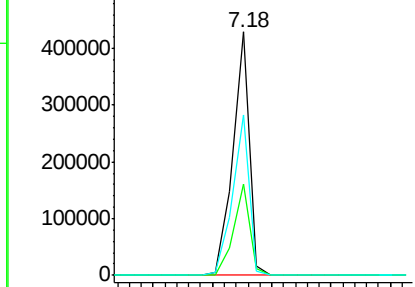
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-081215

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.6	42.8
54	65.7	55.1	82.7

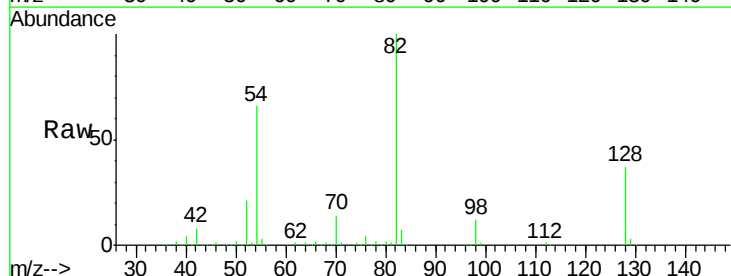


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

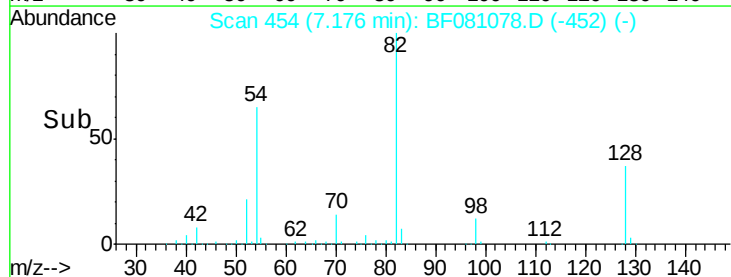
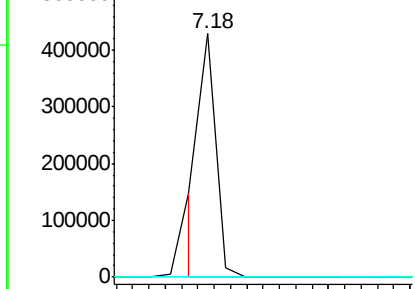


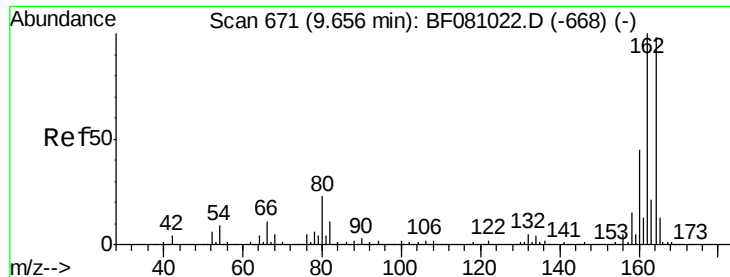
#25
 Isophorone
 Concen: 34.58 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

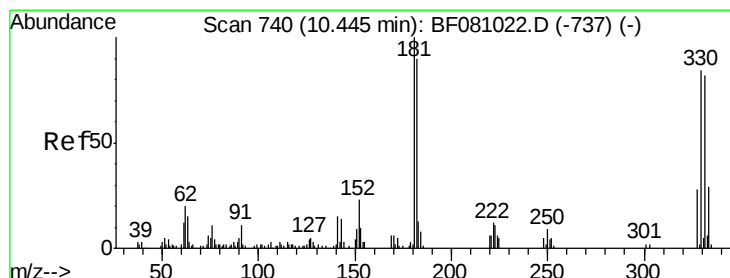
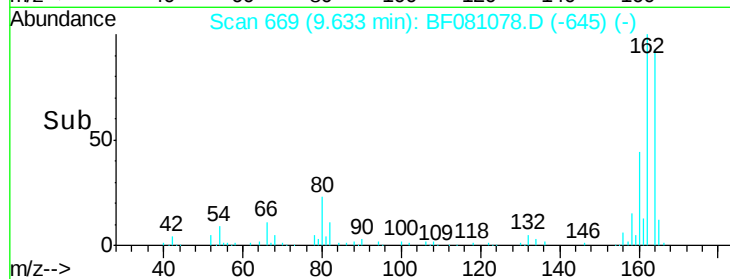
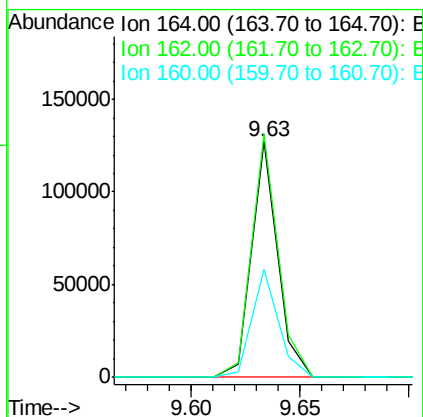
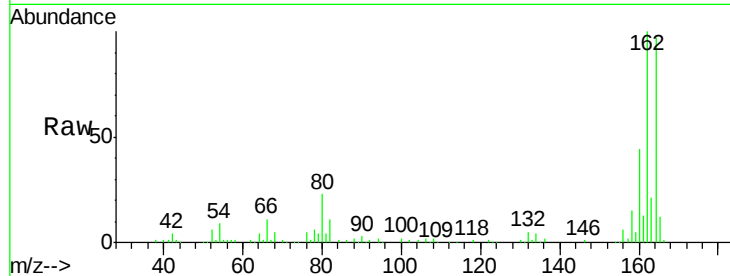




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

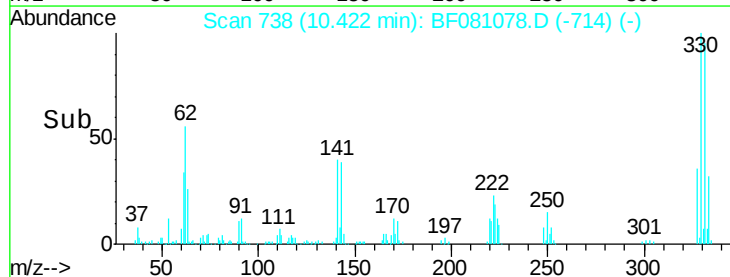
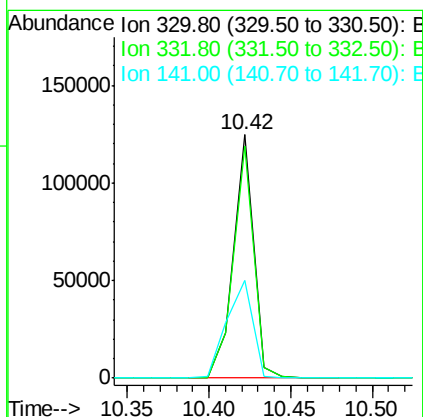
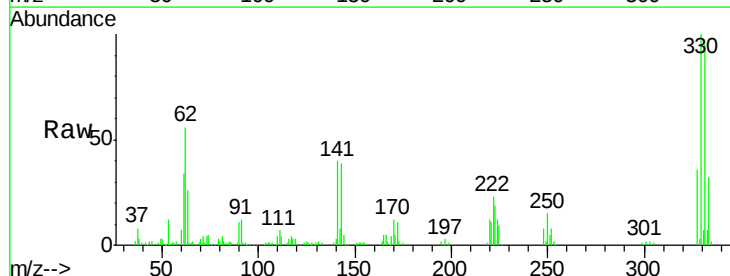
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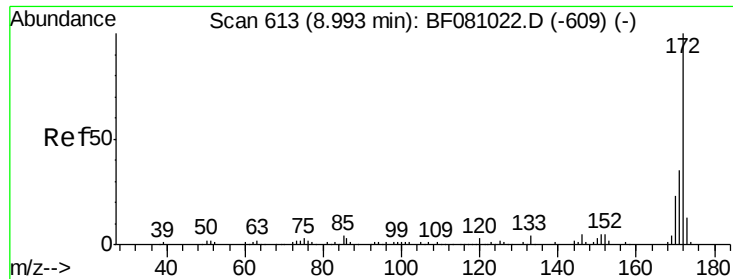
Tgt Ion:164 Resp: 105469
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.8 125.8
 160 45.6 39.8 59.8



#41
 2,4,6-Tribromophenol
 Concen: 115.73 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Tgt Ion:330 Resp: 105802
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 52.4 44.9 67.3

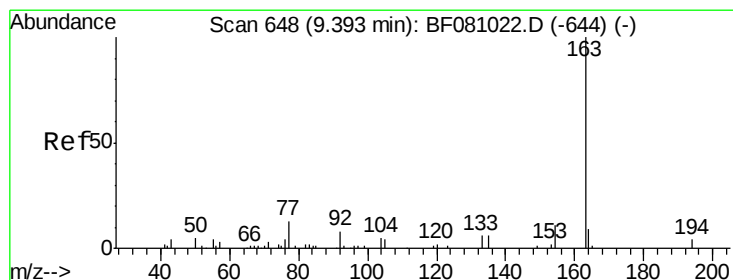
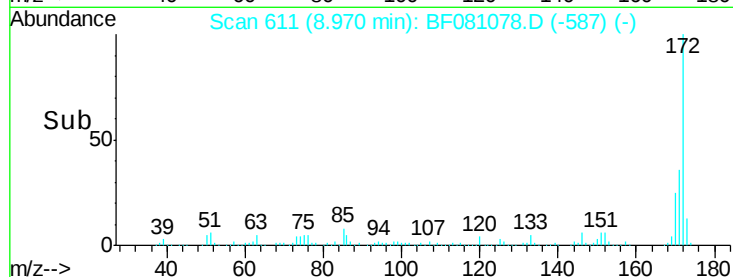
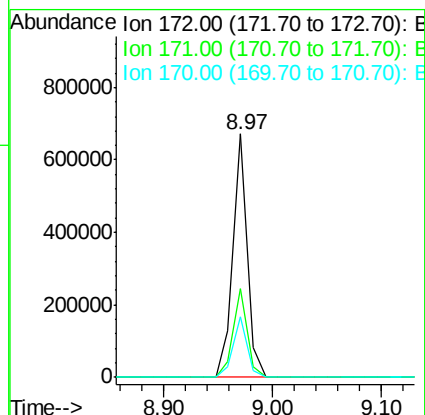
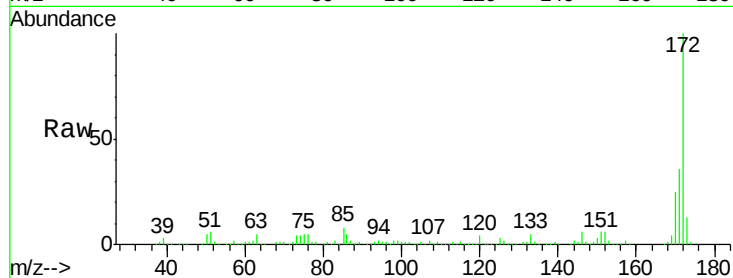




#44
 2-Fluorobiphenyl
 Concen: 75.69 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

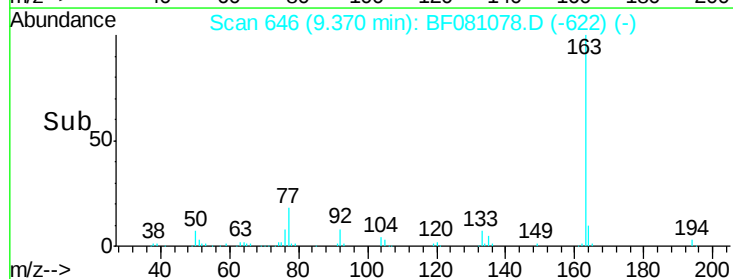
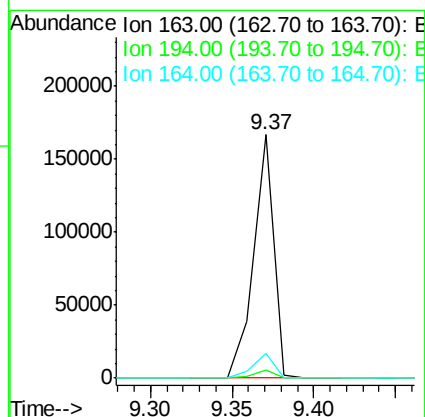
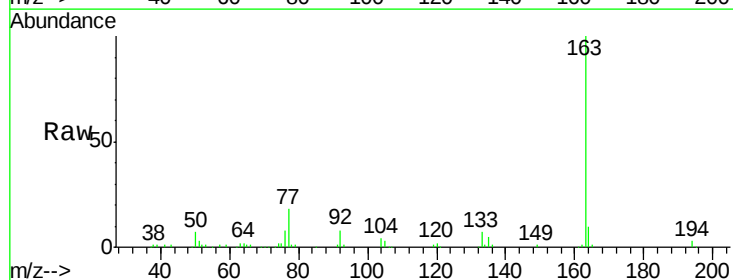
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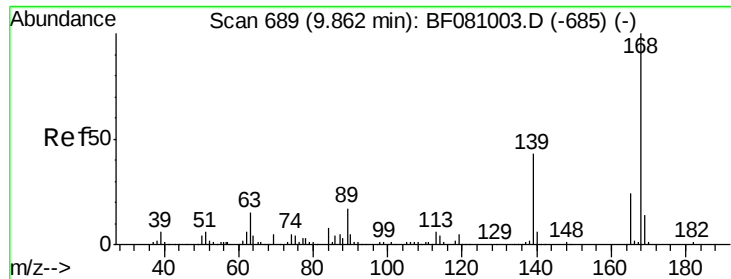
Tgt Ion:172 Resp: 609296
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.8 19.4 29.2



#49
 Dimethylphthalate
 Concen: 16.53 ng
 RT: 9.37 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Tgt Ion:163 Resp: 143567
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.5 3.7
 164 10.2 8.1 12.1

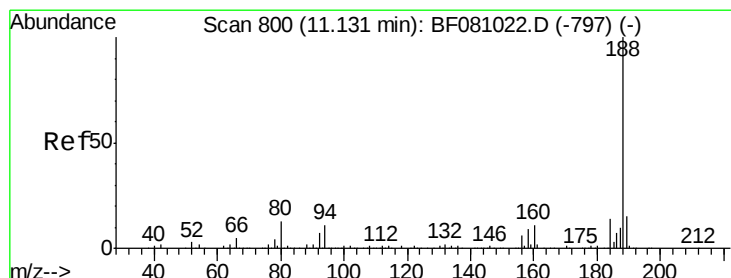
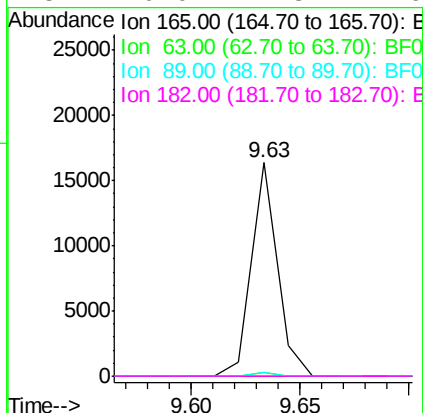
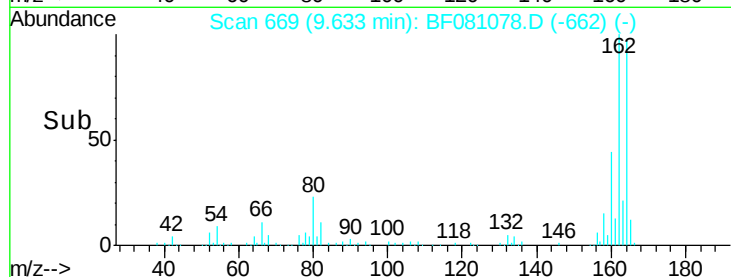
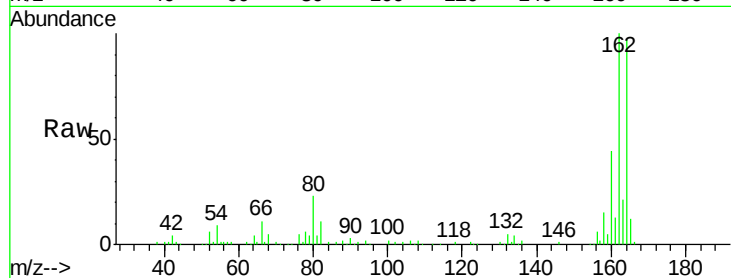




#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

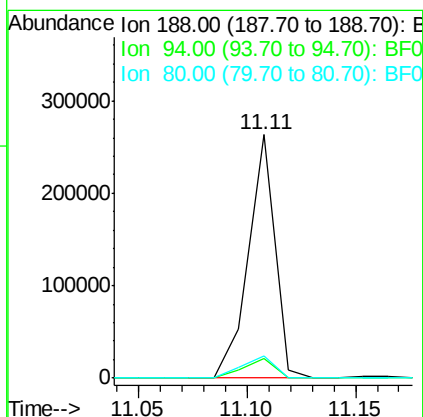
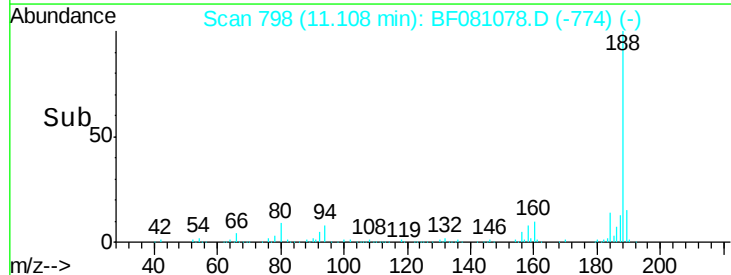
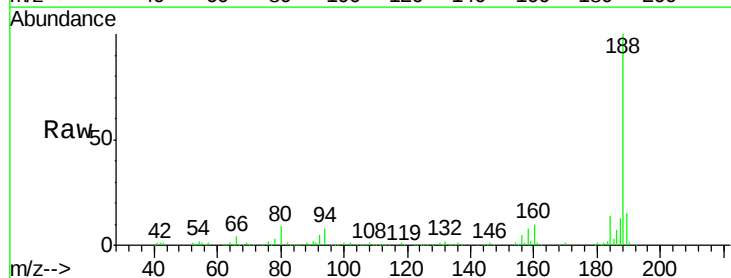
Instrument :
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 DUP01-081215

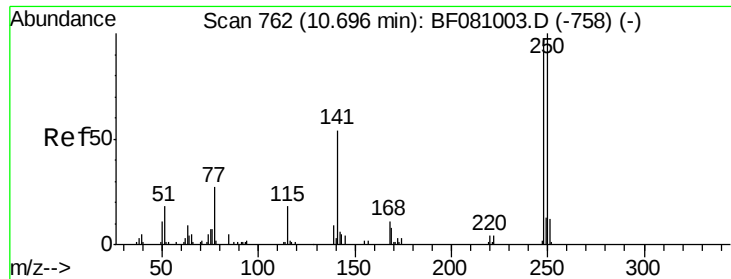
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.2	78.4#
89	1.9	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.1	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.06 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

Instrument :

BNA_F

ClientSampleId :

DUP01-081215

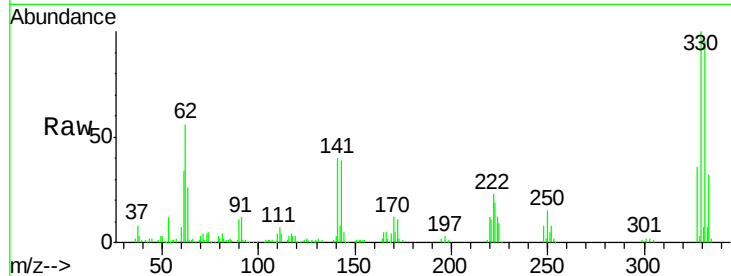
Tgt Ion:248 Resp: 8888

Ion Ratio Lower Upper

248 100

250 183.9 77.8 116.6#

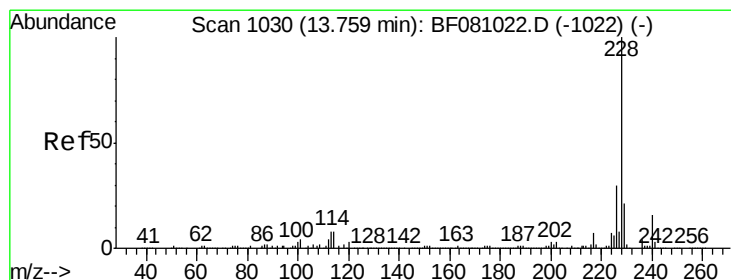
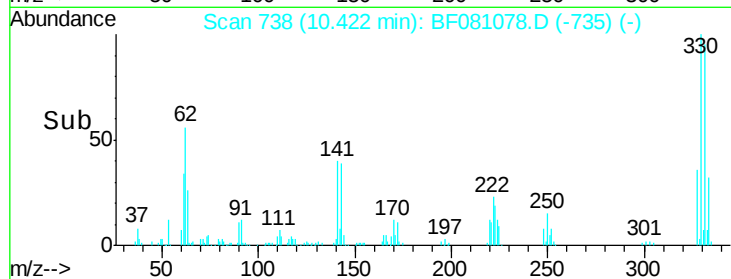
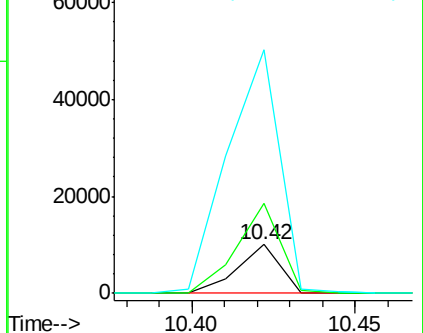
141 498.9 39.8 59.6#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081078.D

Acq: 19 Aug 2015 11:09

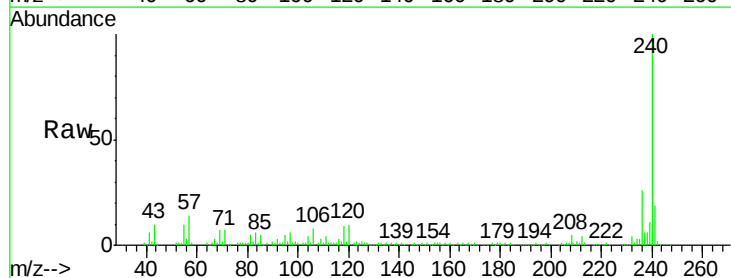
Tgt Ion:240 Resp: 137699

Ion Ratio Lower Upper

240 100

120 10.4 5.6 8.4#

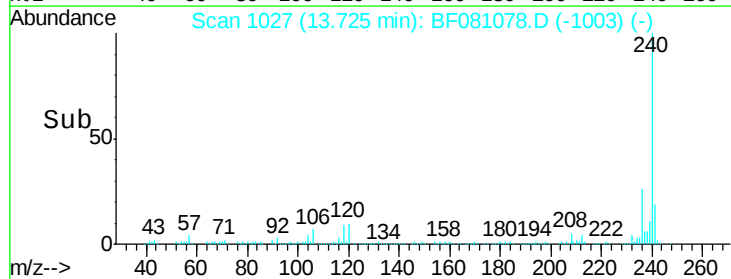
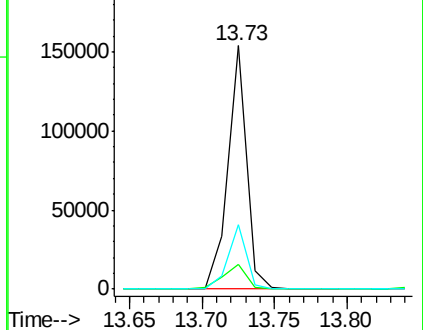
236 26.2 20.6 30.8

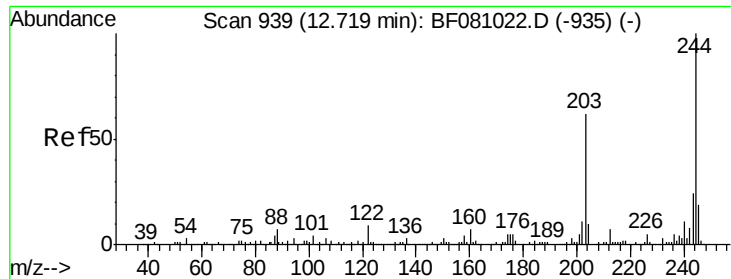


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

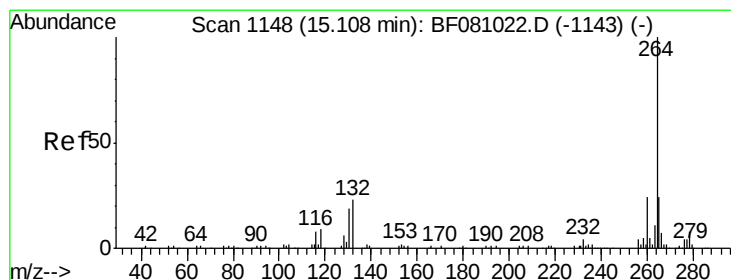
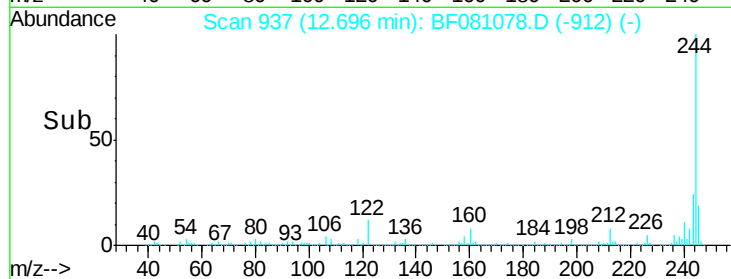
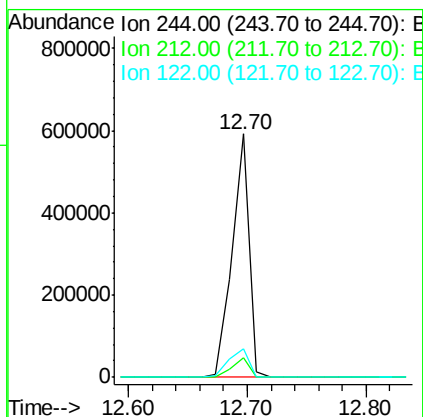
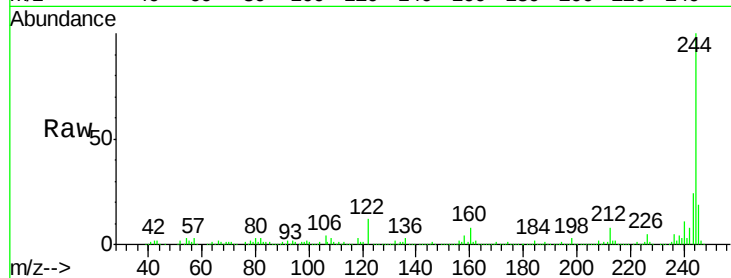




#78
 Terphenyl-d14
 Concen: 90.92 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-081215

Tgt Ion: 244 Resp: 583982
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 11.7 8.2 12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081078.D
 Acq: 19 Aug 2015 11:09

Tgt Ion: 264 Resp: 115487
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 21.2 17.5 26.3

