

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
 Data File : BF082873.D
 Acq On : 10 Nov 2015 16:53
 Operator : UM/IZ
 Sample : G4347-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 17:39:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 16:08:48 2015
 Response via : Initial Calibration

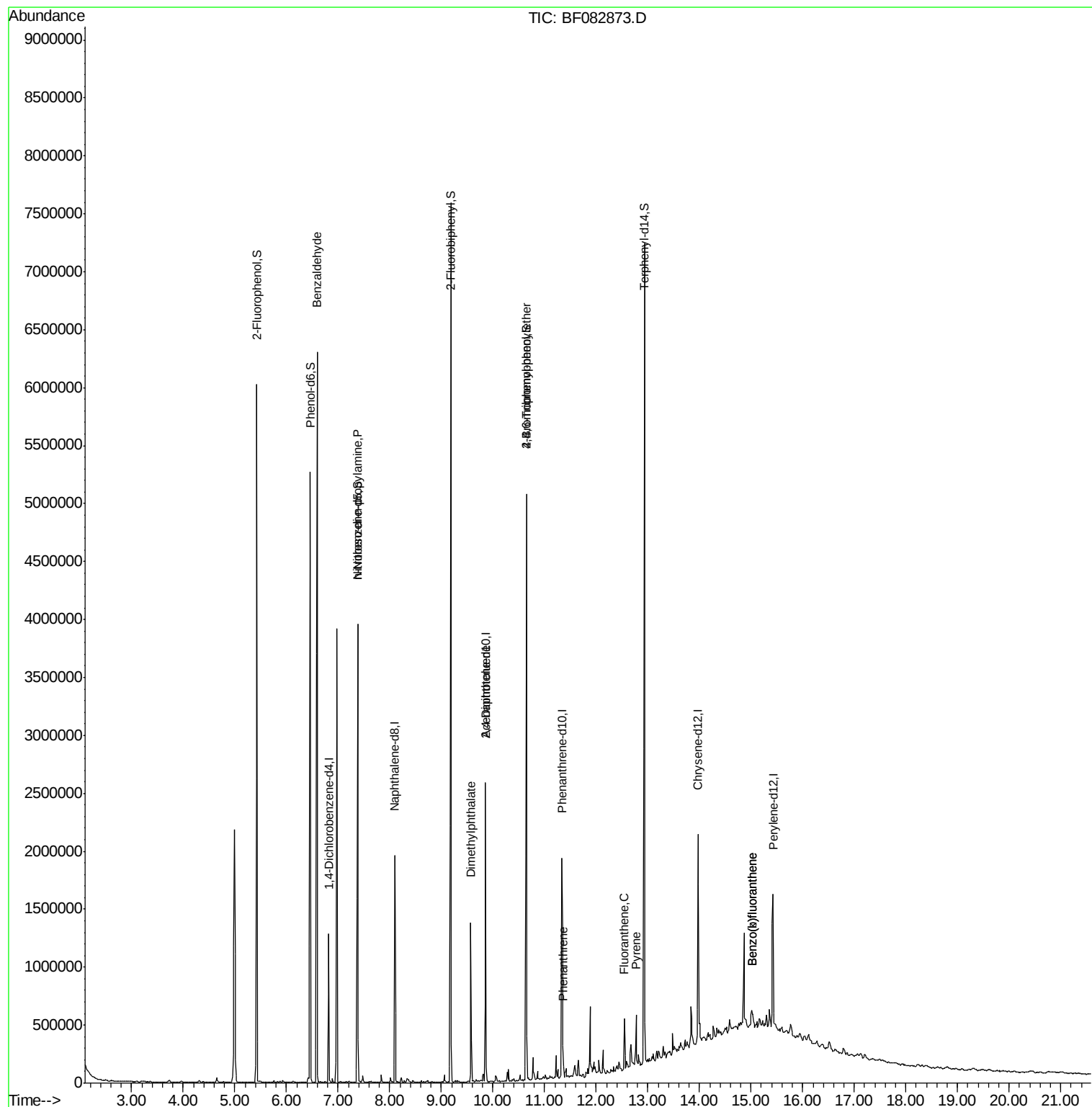
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	234568	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	873948	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	498213	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	883175	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	794798	20.00	ng	-0.01
86) Perylene-d12	15.43	264	631562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1669756	110.76	ng	0.01
7) Phenol-d6	6.46	99	2667386	133.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	1448713	72.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	553952	96.97	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2153587	61.95	ng	0.00
78) Terphenyl-d14	12.93	244	2189375	65.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	51828	4.68	ng	88
19) n-Nitroso-di-n-propylamine	7.38	70	202339	13.73	ng	# 68
49) Dimethylphthalate	9.57	163	543582	13.32	ng	100
56) 2,4-Dinitrotoluene	9.86	165	66525	5.63	ng	# 16
66) 4-Bromophenyl-phenylether	10.65	248	40331	3.79	ng	# 1
70) Phenanthrene	11.36	178	108206	2.11	ng	97
74) Fluoranthene	12.55	202	169391	3.08	ng	96
77) Pyrene	12.77	202	174992	3.21	ng	96
87) Benzo(b)fluoranthene	15.01	252	98844	2.44	ng	# 87
88) Benzo(k)fluoranthene	15.01	252	98844	2.75	ng	# 88

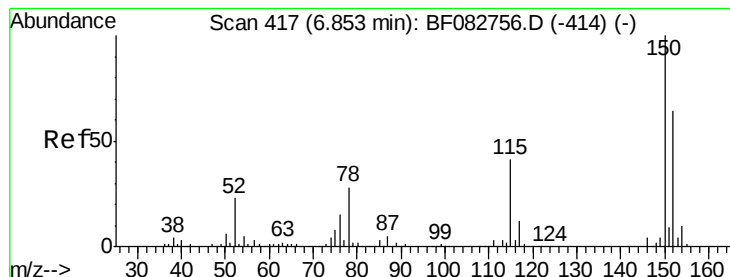
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
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BNA_F
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Quant Time: Nov 10 17:39:24 2015
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QLast Update : Tue Nov 10 16:08:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampled :

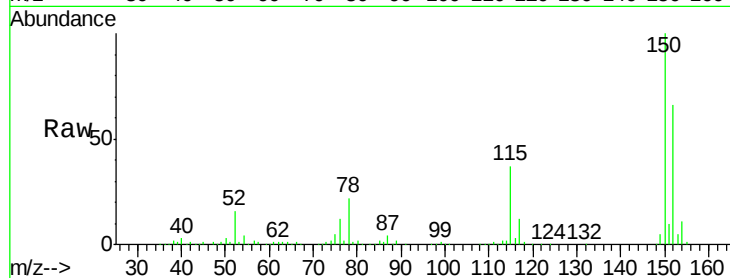
Tot Ion:152 Resp: 234568

Ion Ratio Lower Upper

152 100

150 152.1 127.0 190.4

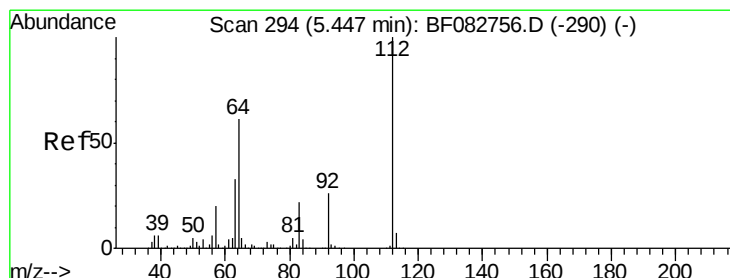
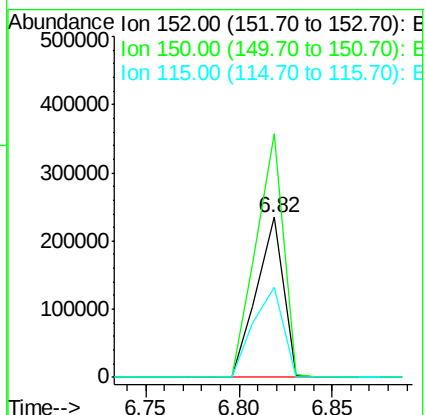
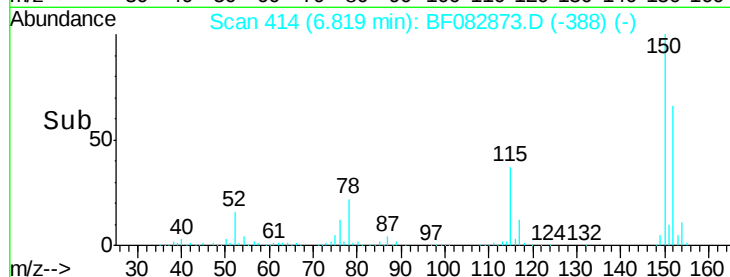
115 56.5 47.0 70.6



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: 110.76 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

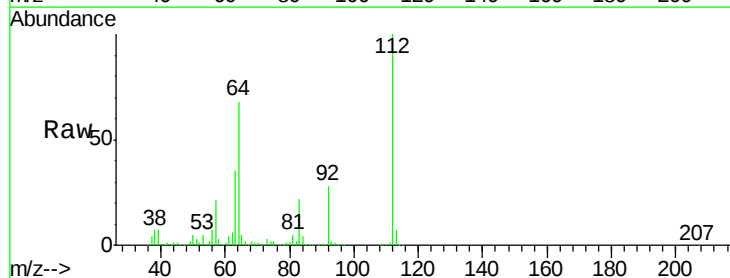
Tgt Ion:112 Resp: 1669756

Ion Ratio Lower Upper

112 100

64 67.9 48.9 73.3

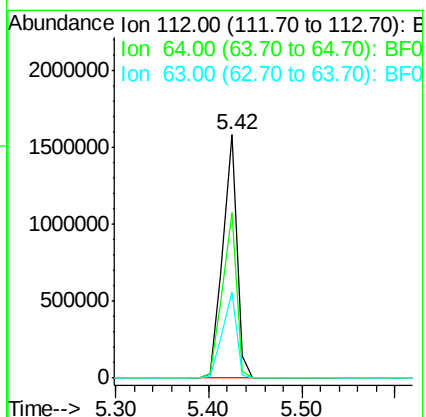
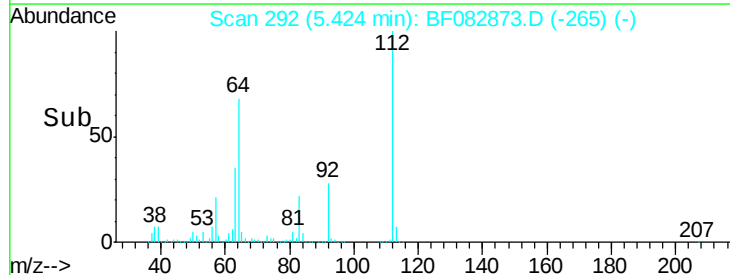
63 35.4 28.1 42.1

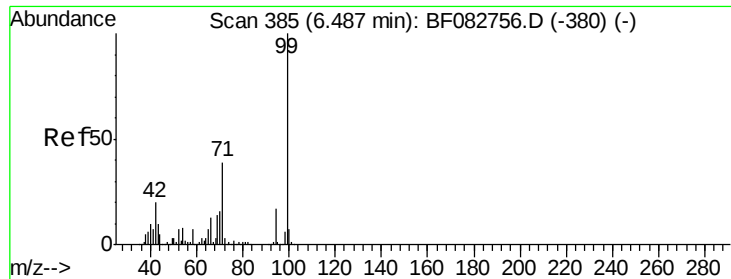


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.09 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

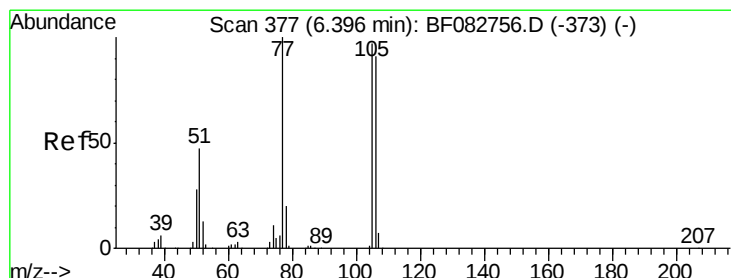
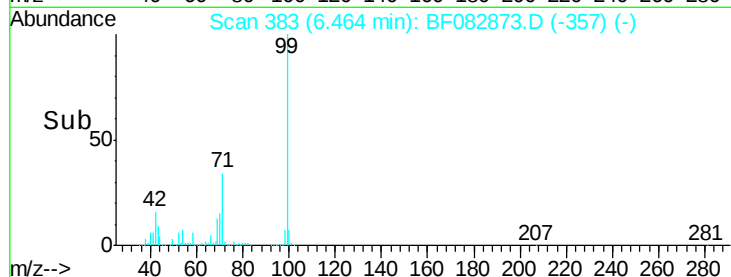
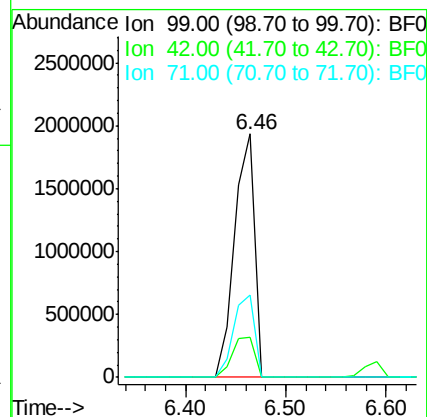
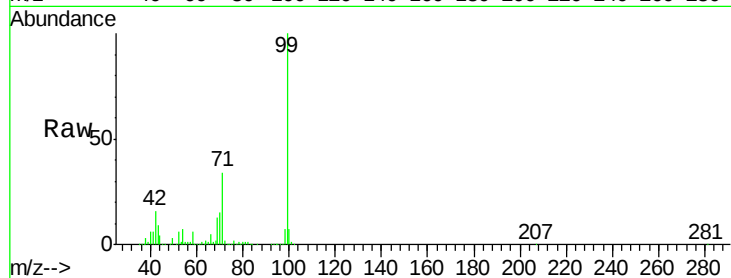
Tot Ion: 99 Resp: 2667386

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

71 33.6 35.0 52.4#



#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

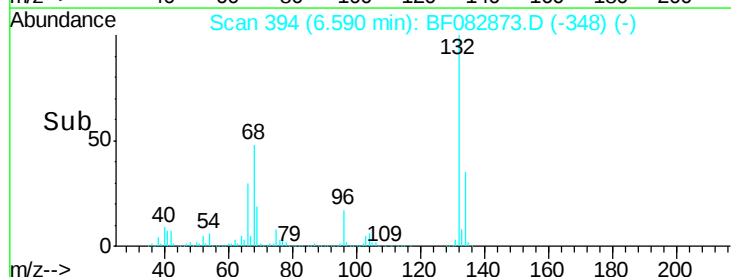
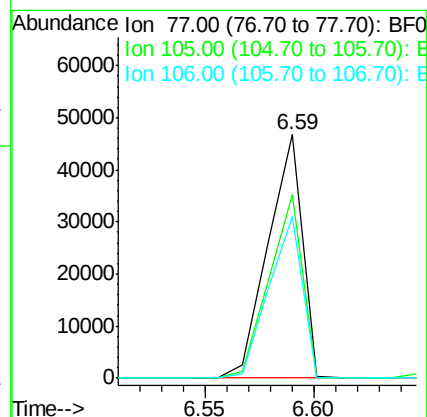
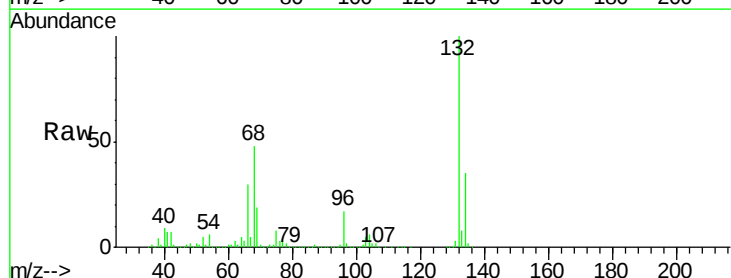
Tgt Ion: 77 Resp: 51828

Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

106 66.5 59.3 99.3

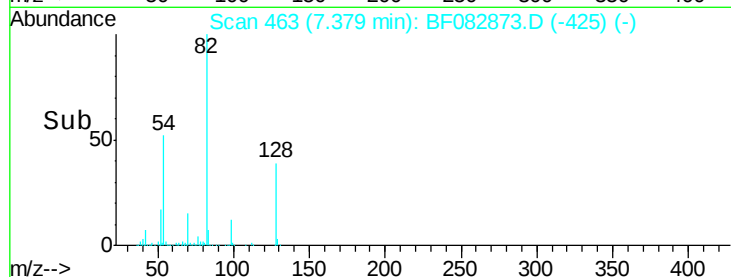
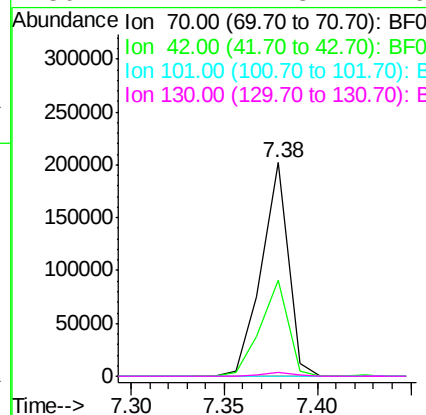
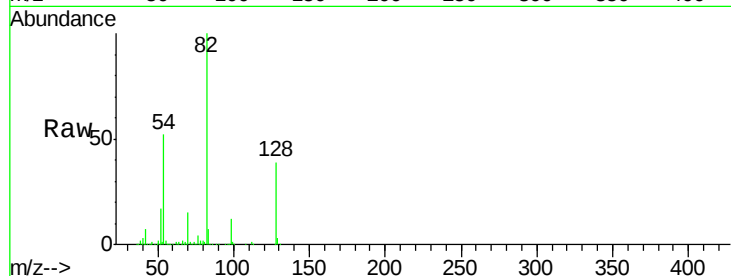




#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

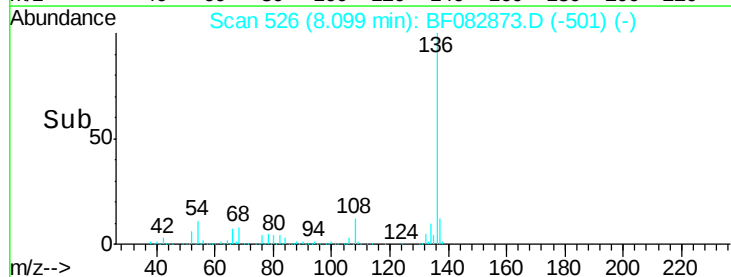
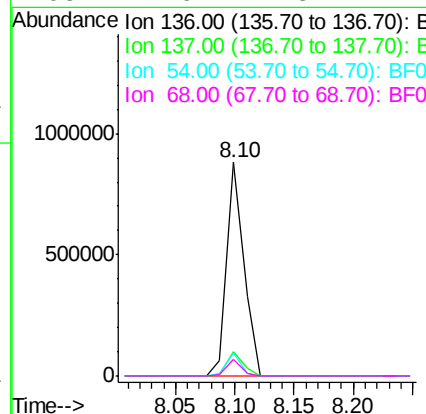
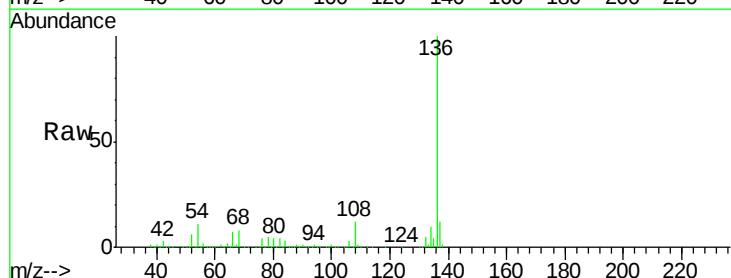
Instrument :
BNA_F
ClientSampleId :

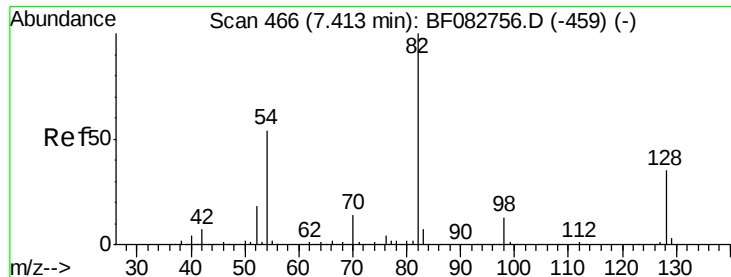
Tot Ion:	70	Resp:	202339
Ion	Ratio	Lower	Upper
70	100		
42	44.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Tgt Ion:	136	Resp:	873948
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.0	9.1	13.7
68	7.6	4.8	7.2#

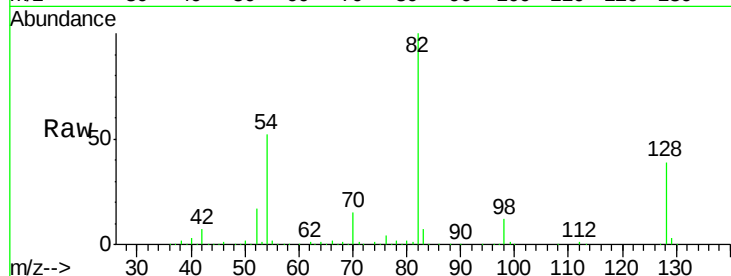




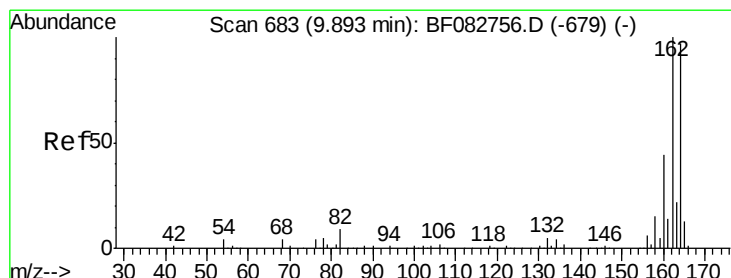
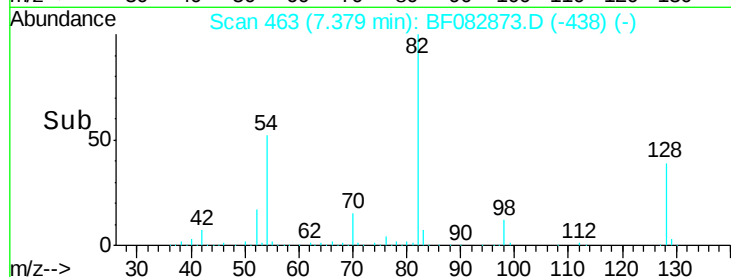
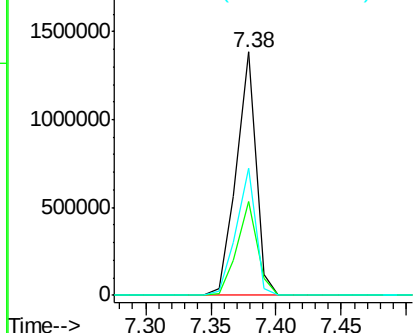
#23
 Nitrobenzene-d5
 Concen: 72.13 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1448713
 Ion Ratio Lower Upper
 82 100
 128 38.6 26.8 40.2
 54 52.4 45.7 68.5

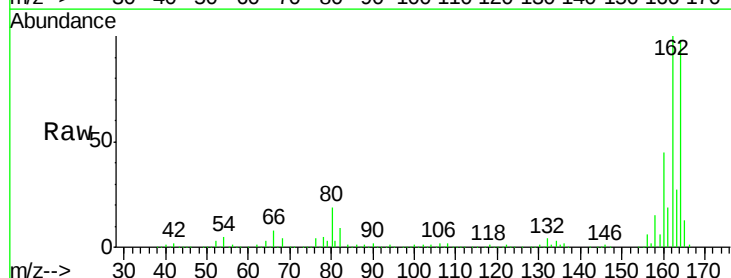


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

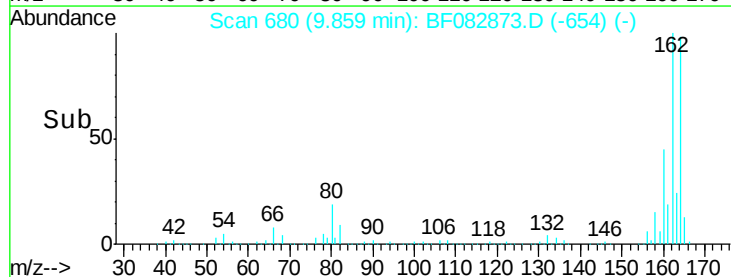
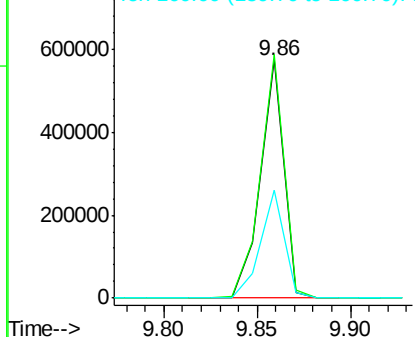


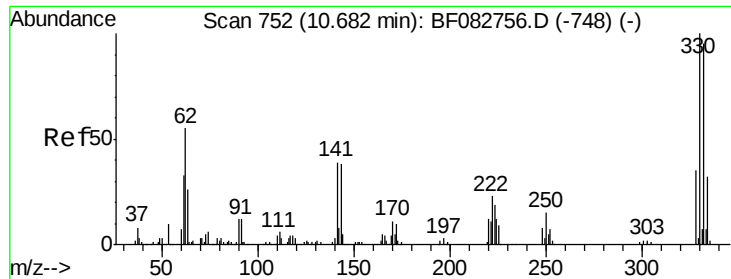
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Tgt Ion:164 Resp: 498213
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.9 127.3
 160 45.5 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

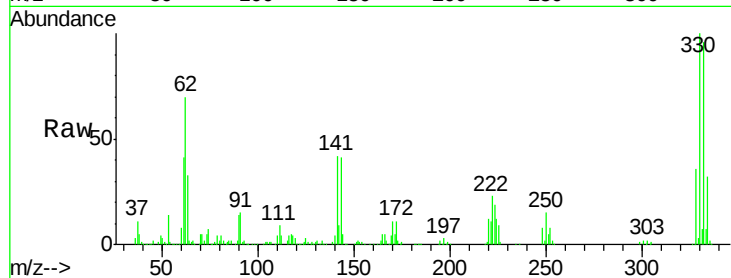




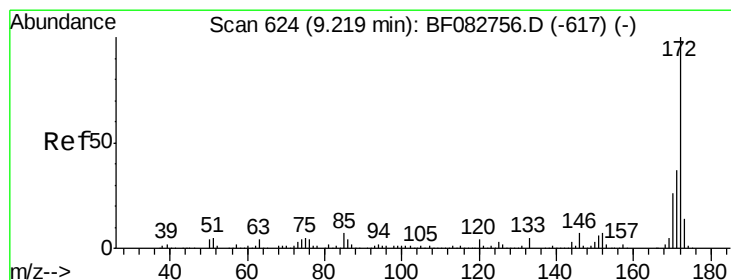
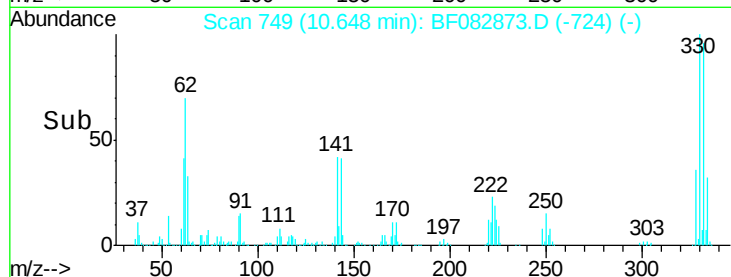
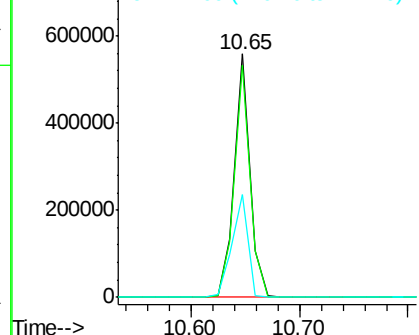
#41
 2,4,6-Tribromophenol
 Concen: 96.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	43.0	41.2	61.8

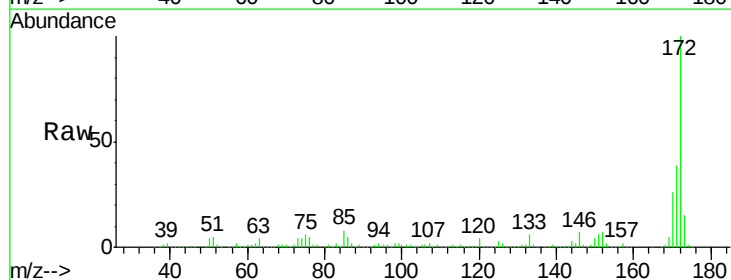


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

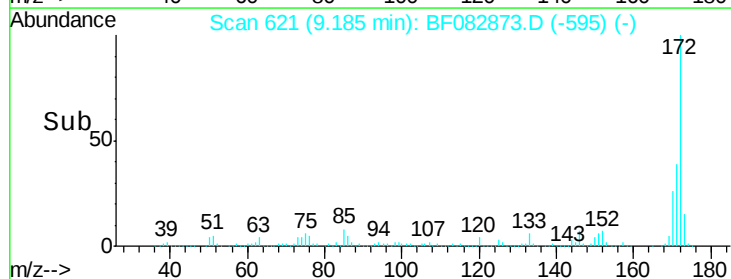
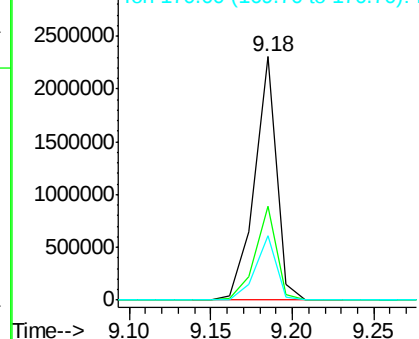


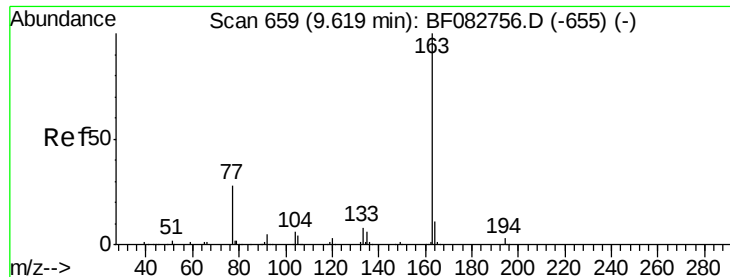
#44
 2-Fluorobiphenyl
 Concen: 61.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.5	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: 13.32 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

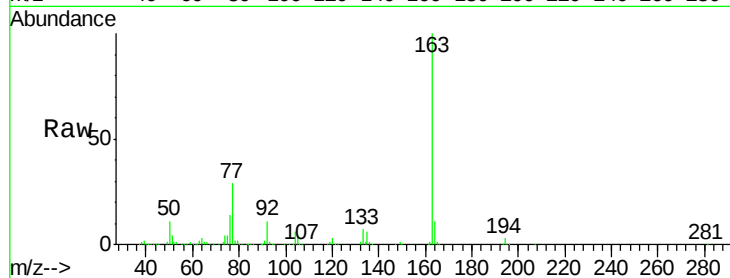
Tot Ion:163 Resp: 543582

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

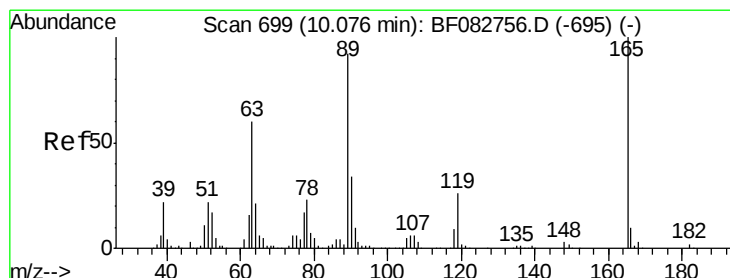
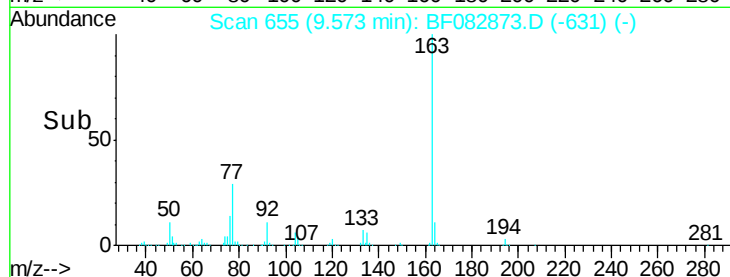
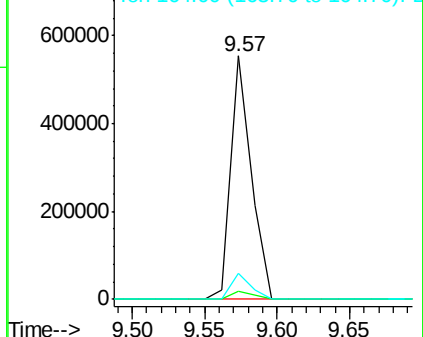
164 10.9 8.7 13.1



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: 5.63 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.19 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Tgt Ion:165 Resp: 66525

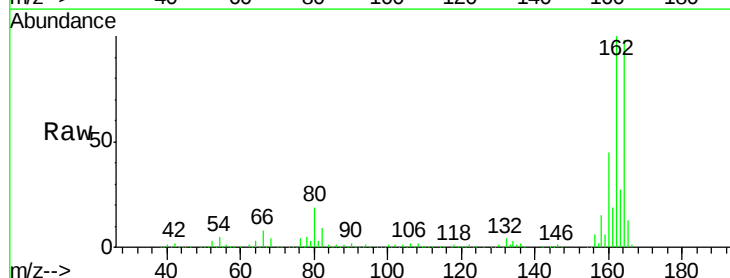
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

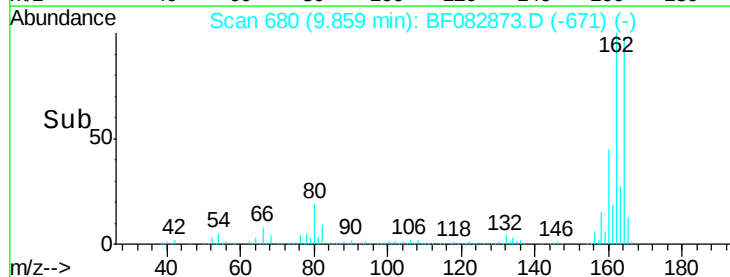
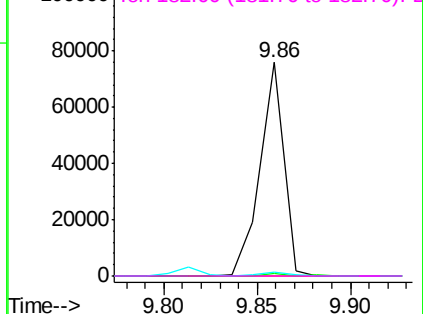


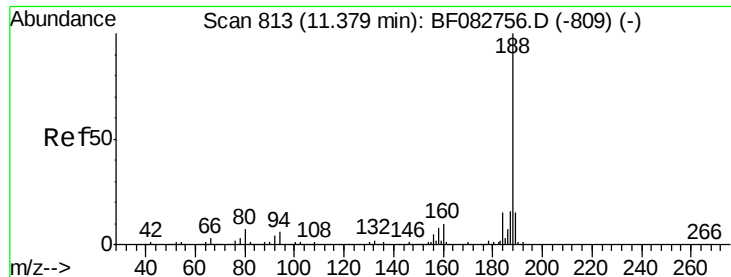
Abundance Ion 165.00 (164.70 to 165.70): E

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

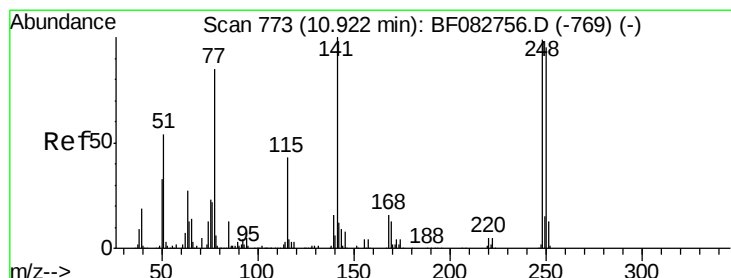
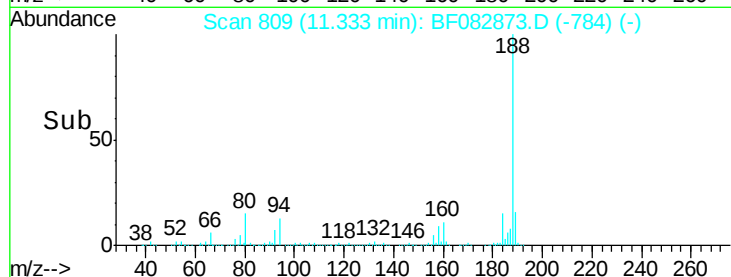
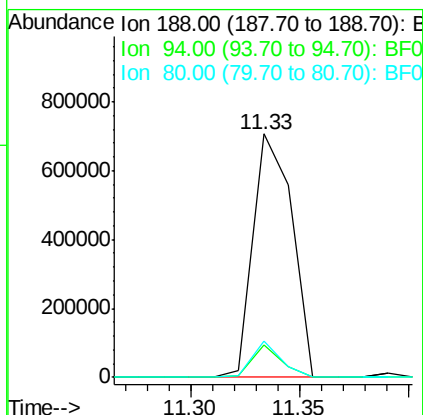
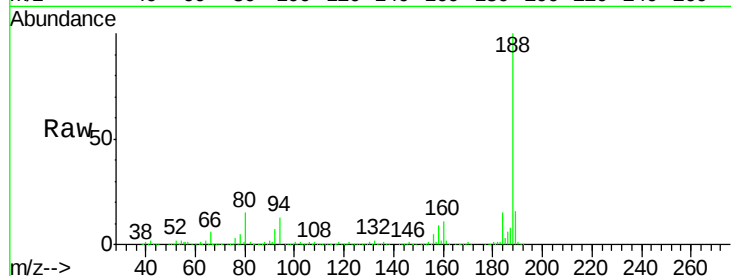




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

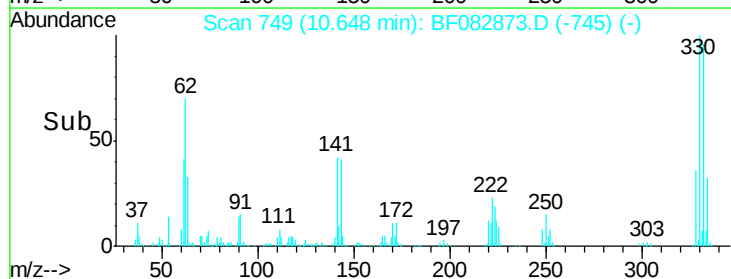
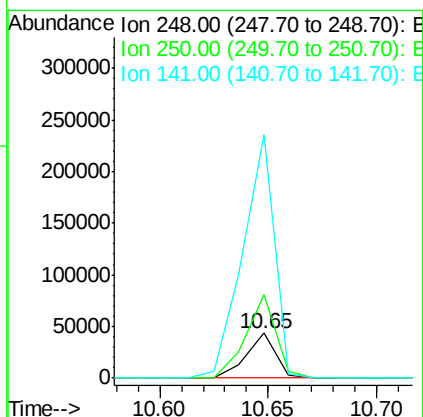
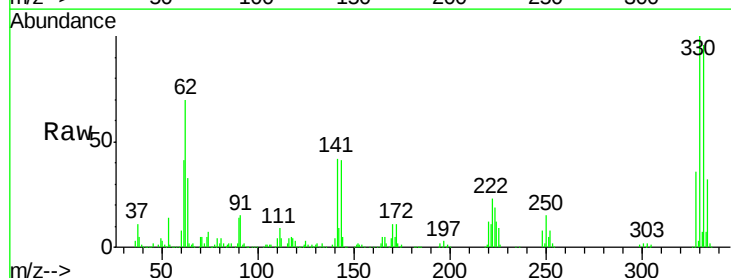
Instrument :
BNA_F
ClientSampleId :

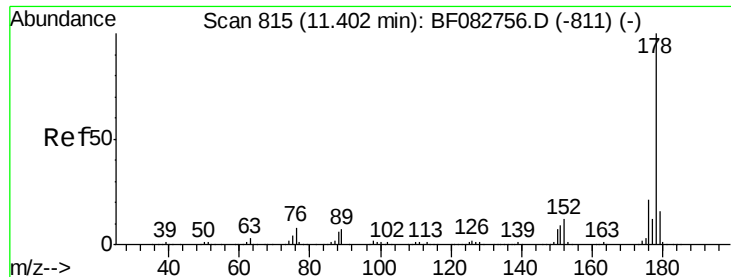
Tot Ion:188 Resp: 883175
Ion Ratio Lower Upper
188 100
94 13.1 6.1 9.1#
80 15.0 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Tgt Ion:248 Resp: 40331
Ion Ratio Lower Upper
248 100
250 187.7 79.4 119.2#
141 545.6 36.3 54.5#

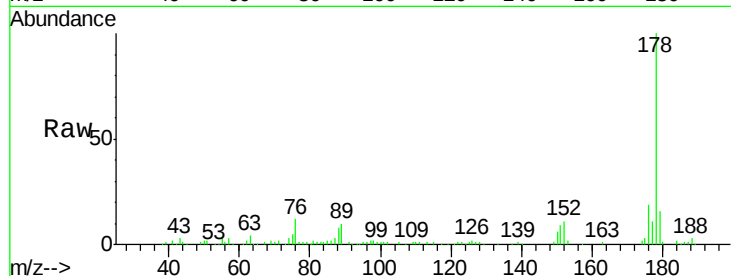




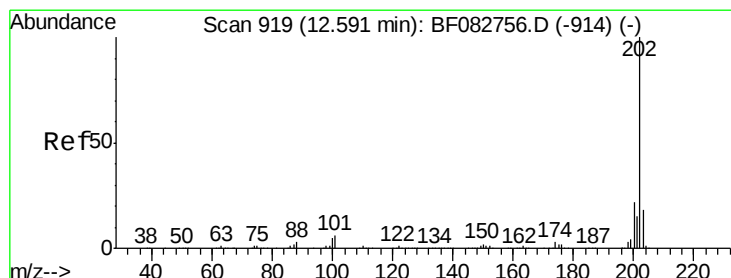
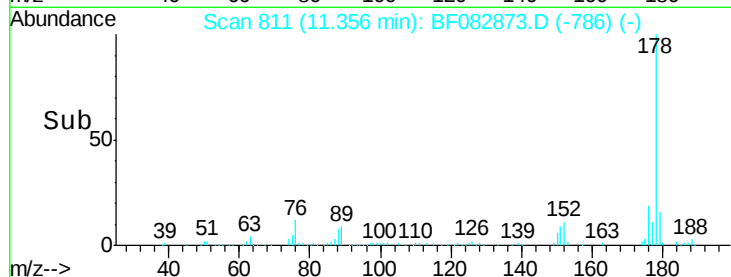
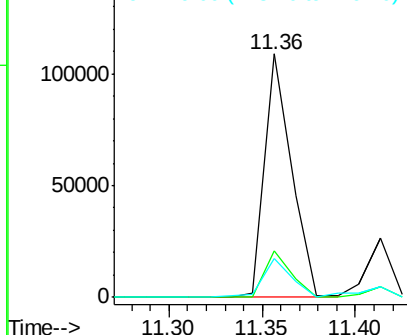
#70
Phenanthrene
Concen: 2.11 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 108206
Ion Ratio Lower Upper
178 100
176 19.3 17.0 25.4
179 16.2 13.4 20.0

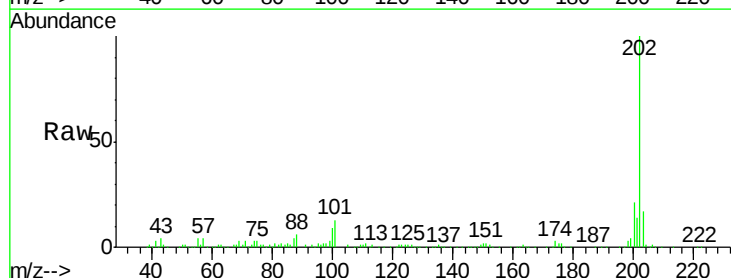


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

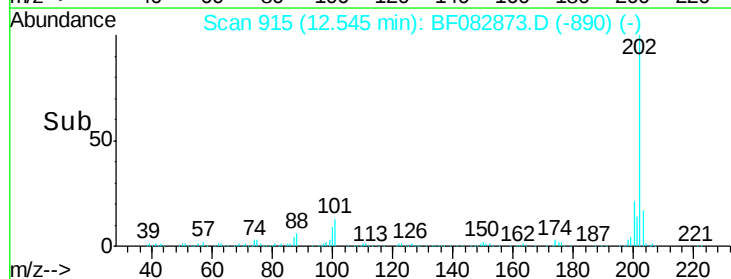
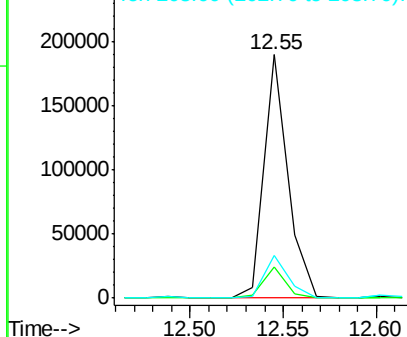


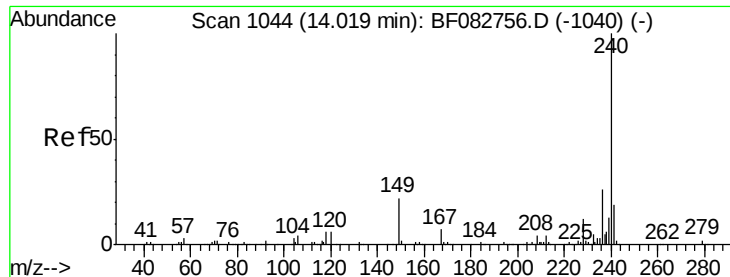
#74
Fluoranthene
Concen: 3.08 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Tgt Ion:202 Resp: 169391
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.5
203 17.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

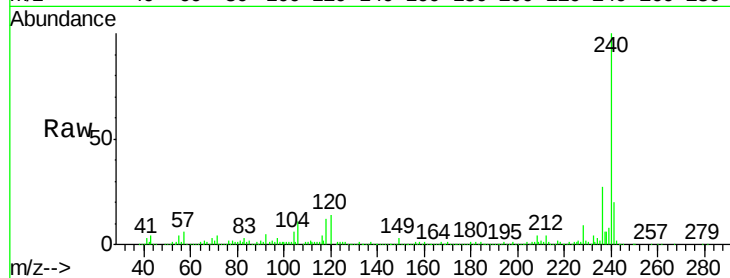
Tot Ion:240 Resp: 794798

Ion Ratio Lower Upper

240 100

120 14.2 10.9 16.3

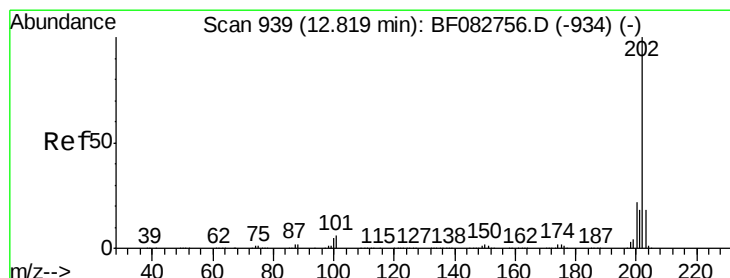
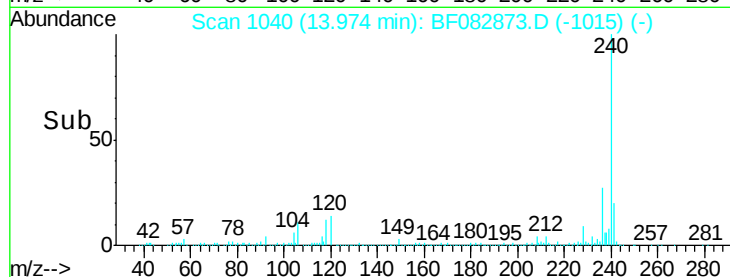
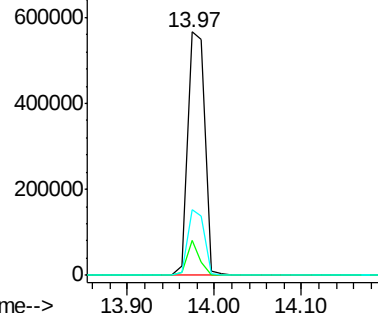
236 27.1 21.6 32.4



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



#77

Pyrene

Concen: 3.21 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

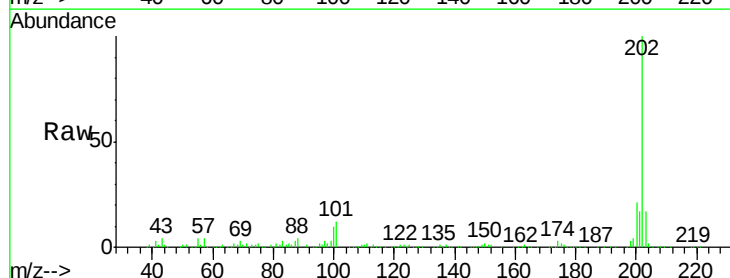
Tgt Ion:202 Resp: 174992

Ion Ratio Lower Upper

202 100

200 20.7 18.7 28.1

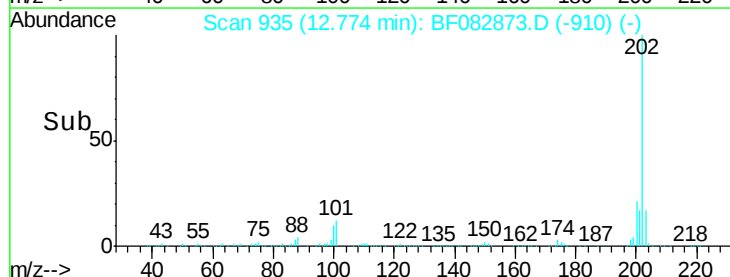
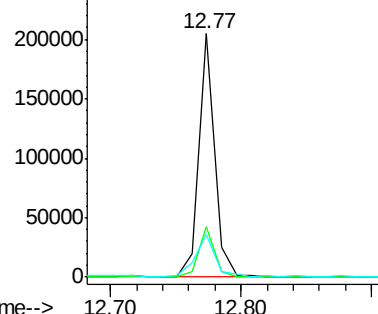
203 17.3 14.8 22.2

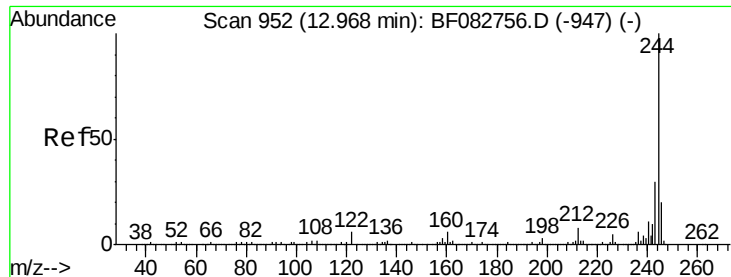


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

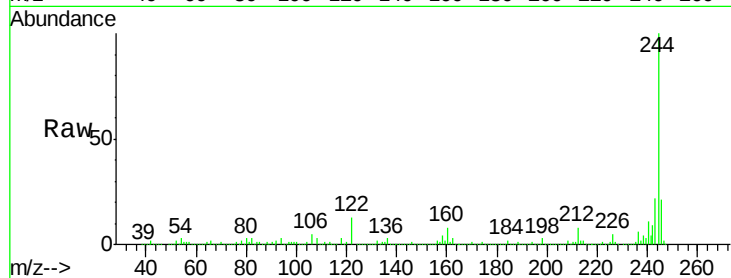




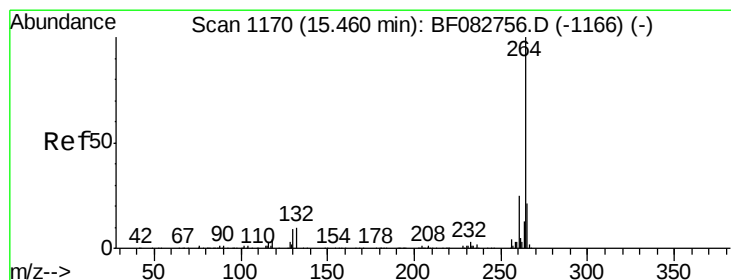
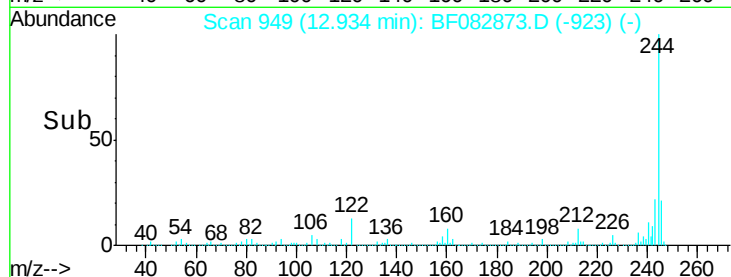
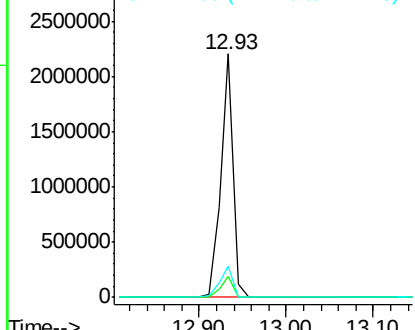
#78
 Terphenyl-d14
 Concen: 65.33 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2189375
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 12.7 11.3 16.9

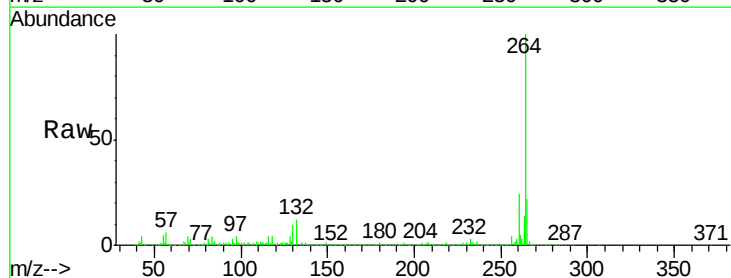


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

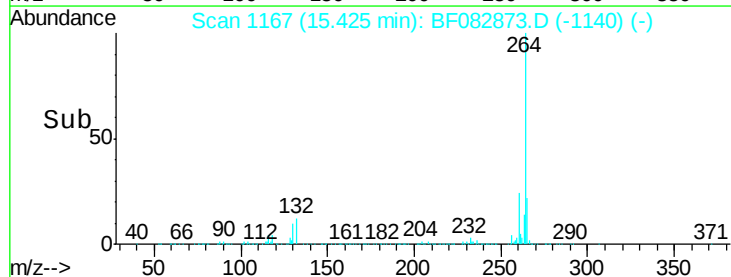
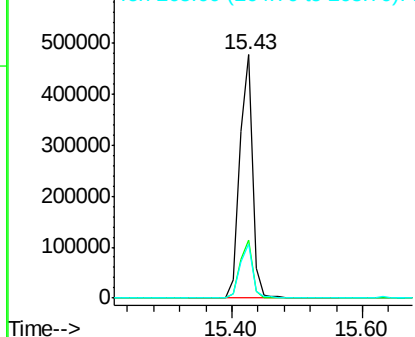


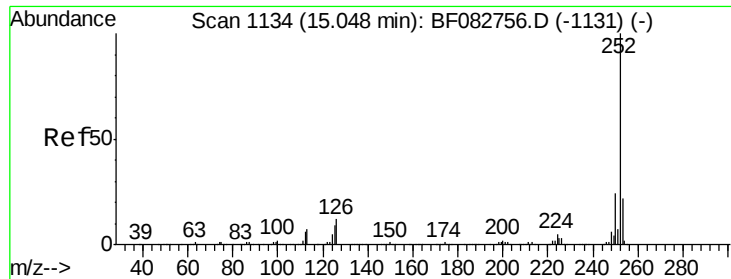
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Tgt Ion:264 Resp: 631562
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.2 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





#87

Benzo(b)fluoranthene

Concen: 2.44 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

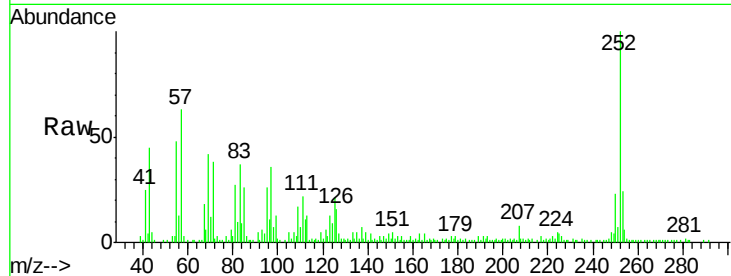
Tot Ion:252 Resp: 98844

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.8

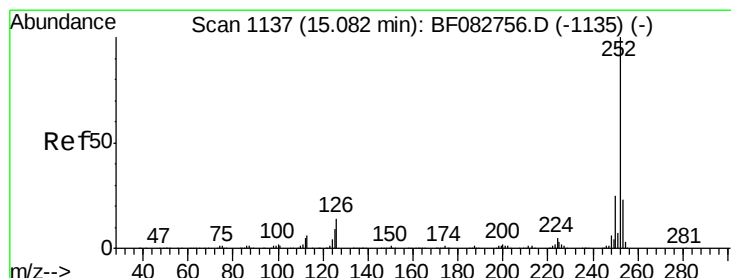
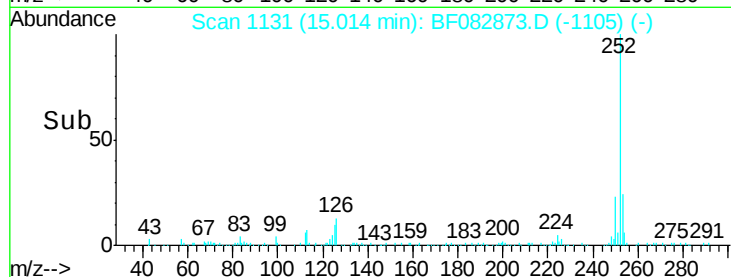
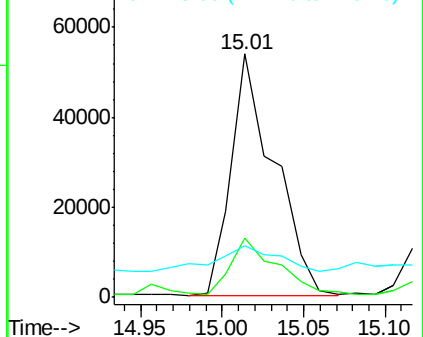
125 21.4 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.75 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

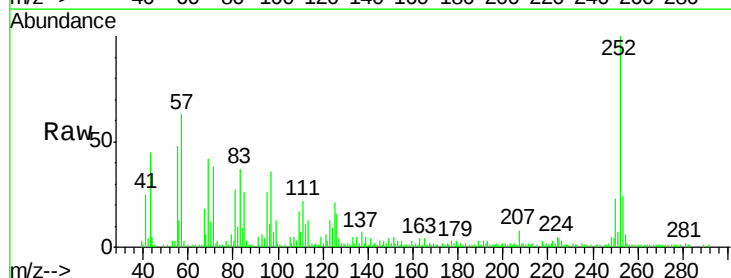
Tgt Ion:252 Resp: 98844

Ion Ratio Lower Upper

252 100

253 24.5 17.9 26.9

125 21.4 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

