

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098234.D
 Acq On : 1 Sep 2017 18:41
 Operator : SJ/JU
 Sample : I4985-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-1

Quant Time: Sep 01 23:10:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

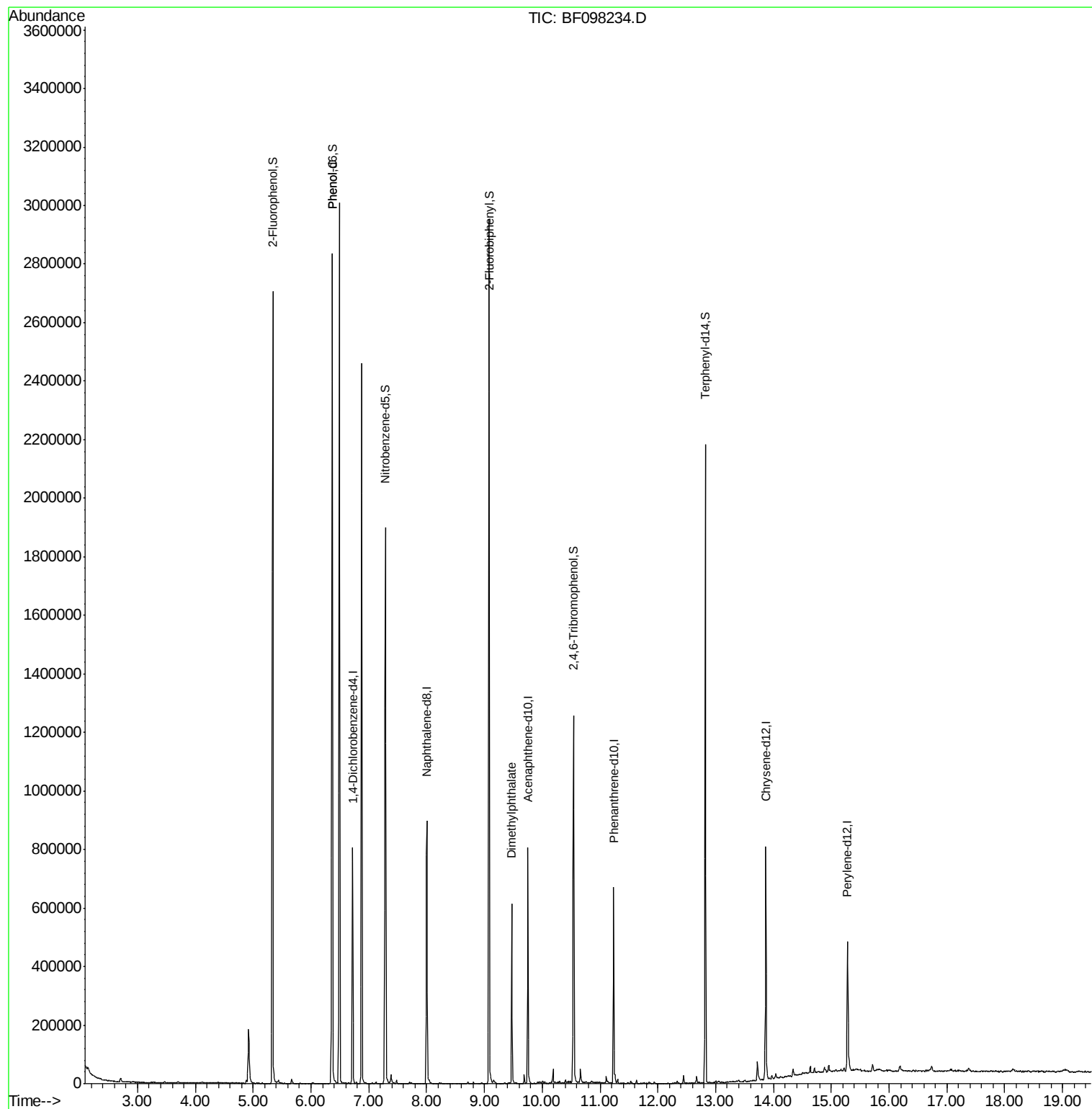
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115642	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	417231	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	146070	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	234928	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	254308	20.00	ng	-0.03
86) Perylene-d12	15.28	264	191445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	917736	120.71	ng	-0.01
7) Phenol-d6	6.37	99	1187224	114.93	ng	-0.02
23) Nitrobenzene-d5	7.29	82	708544	92.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	142012	112.05	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	905564	91.08	ng	-0.03
78) Terphenyl-d14	12.82	244	647974	53.13	ng	-0.03
Target Compounds						
10) Phenol	6.37	94	46060	3.813	ng	84
49) Dimethylphthalate	9.47	163	223233	20.907	ng	98

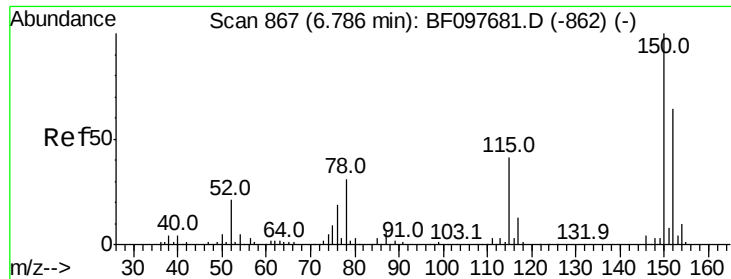
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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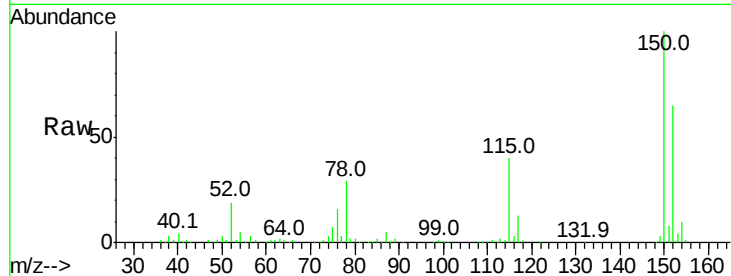


#1

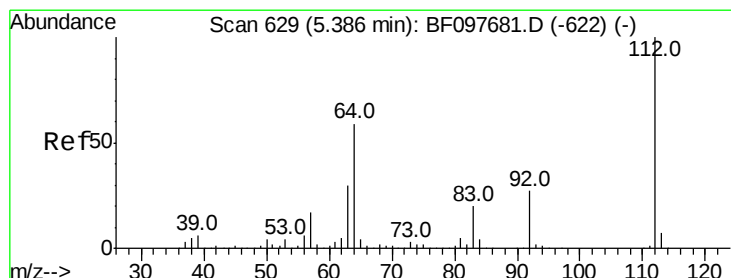
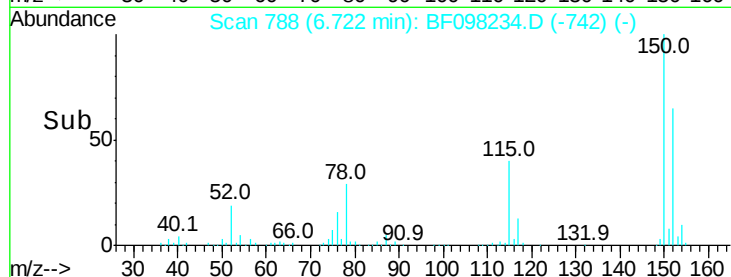
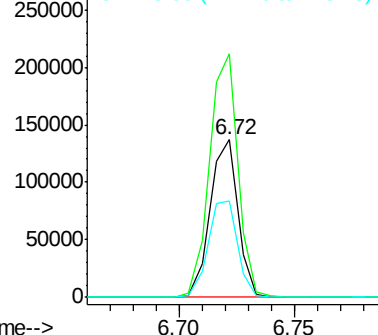
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
SI-1

Tot Ion:152 Resp: 115642
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 61.1 52.2 78.2



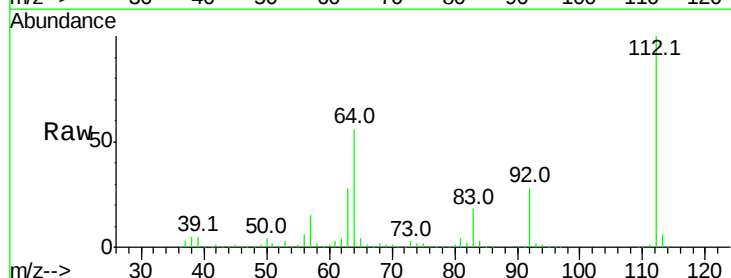
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



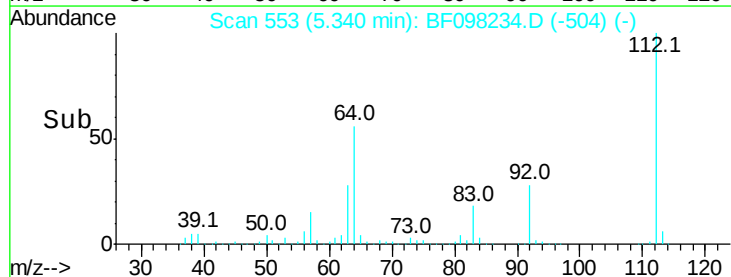
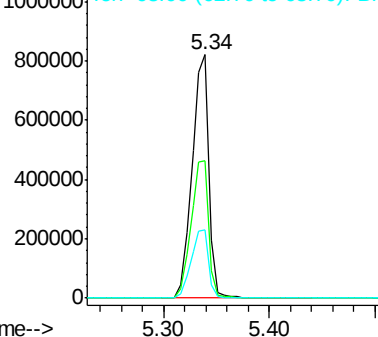
#5

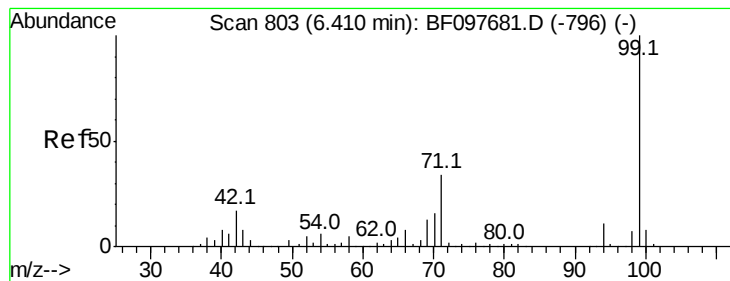
2-Fluorophenol
Concen: 120.713 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:112 Resp: 917736
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 27.9 23.4 35.0



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: 114.932 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

SI-1

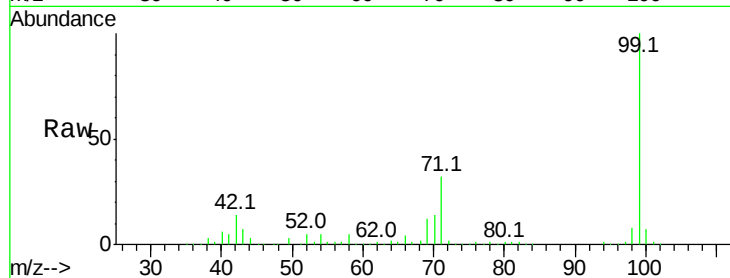
Tot Ion: 99 Resp: 1187224

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	32.0	24.5	36.7

99 100

42 14.4 13.5 20.3

71 32.0 24.5 36.7

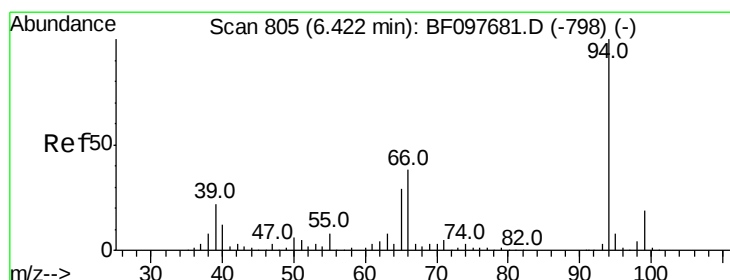
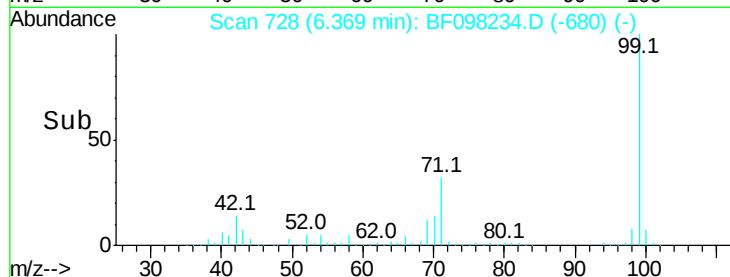
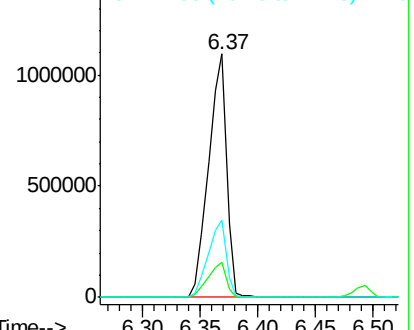


Abundance

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



#10

Phenol

Concen: 3.813 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

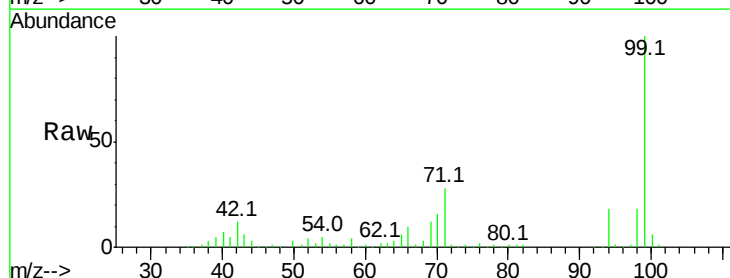
Tgt Ion: 94 Resp: 46060

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	57.7	23.1	63.1

94 100

65 33.0 9.9 49.9

66 57.7 23.1 63.1

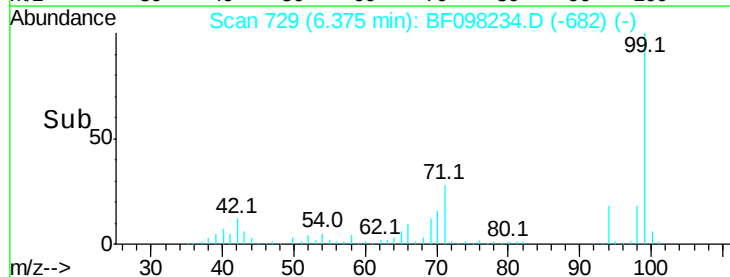
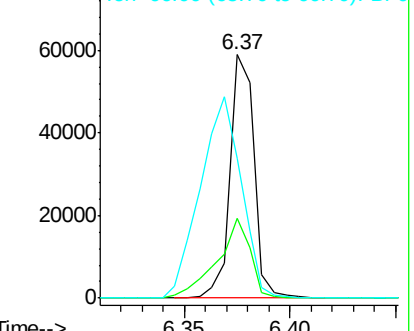


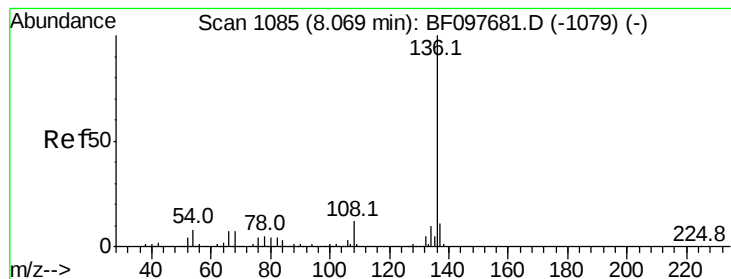
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

SI-1

Tot Ion:136 Resp: 417231

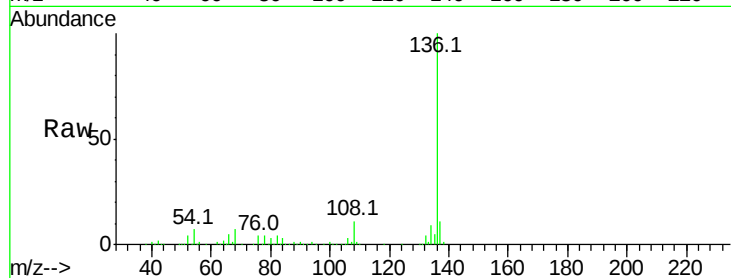
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 6.7 4.1 6.1#

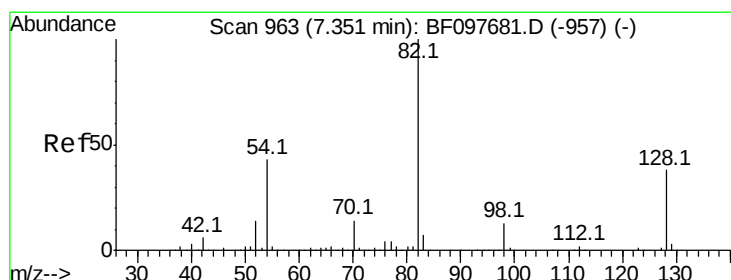
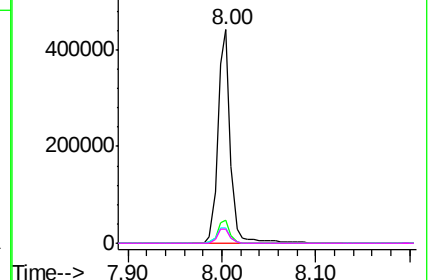
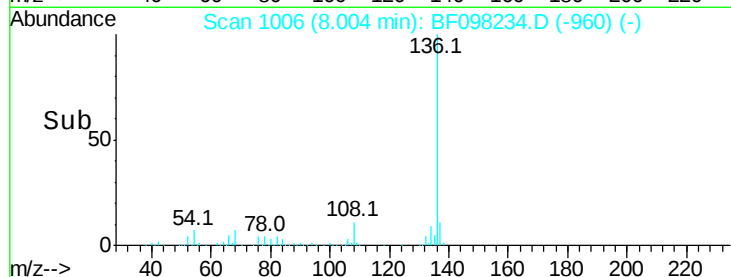


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.254 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

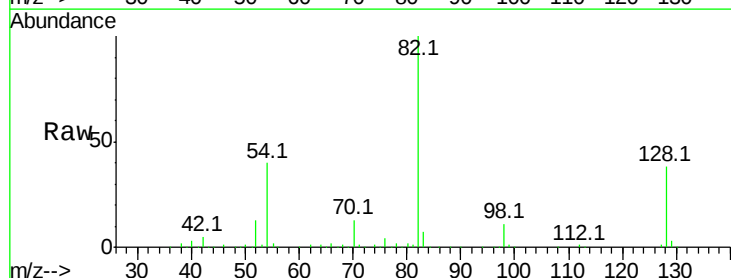
Tgt Ion: 82 Resp: 708544

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

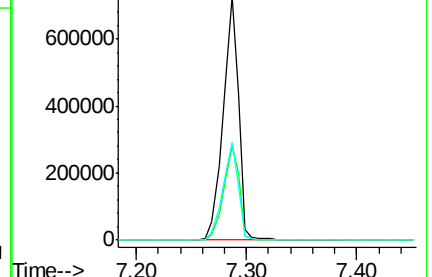
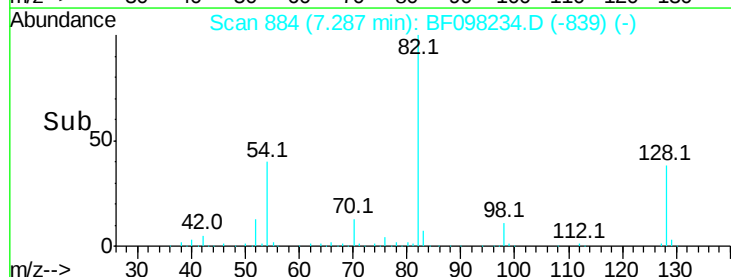
54 40.2 42.2 63.2#

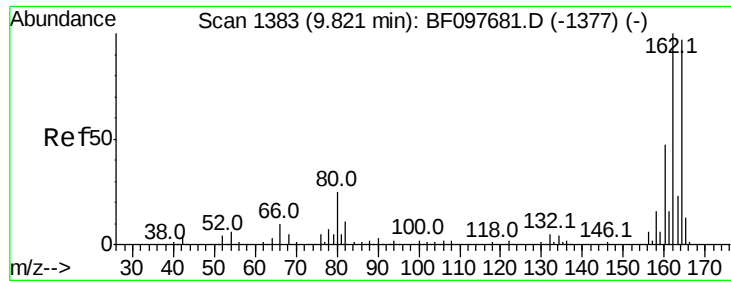


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

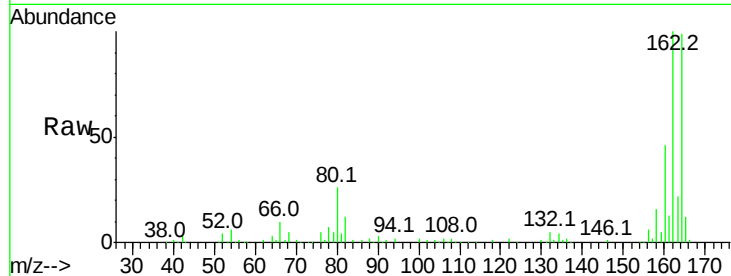




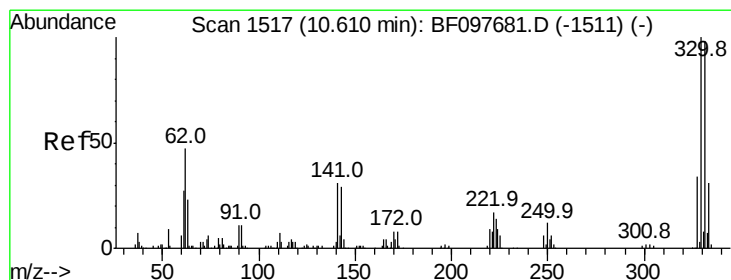
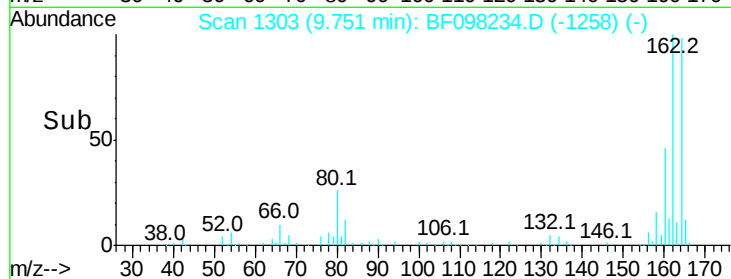
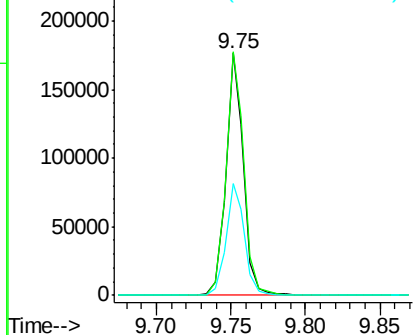
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
SI-1

Tot Ion:164 Resp: 146070
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 46.0 36.2 54.2

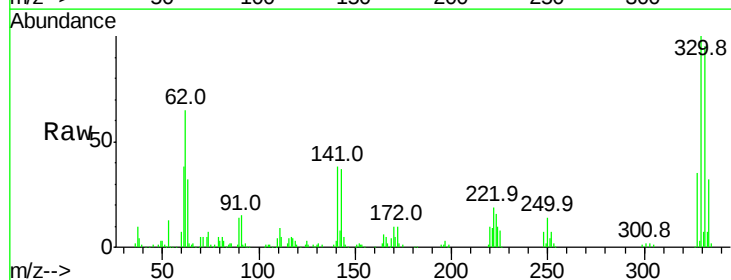


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

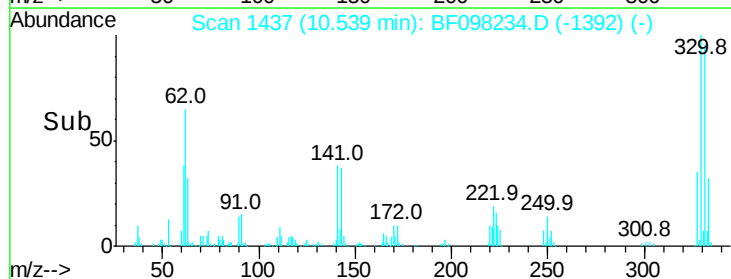
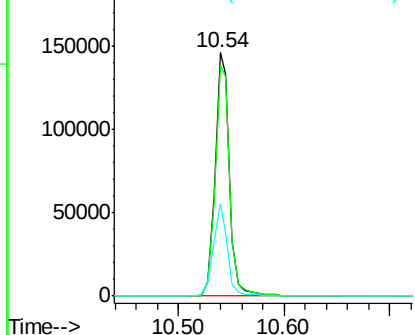


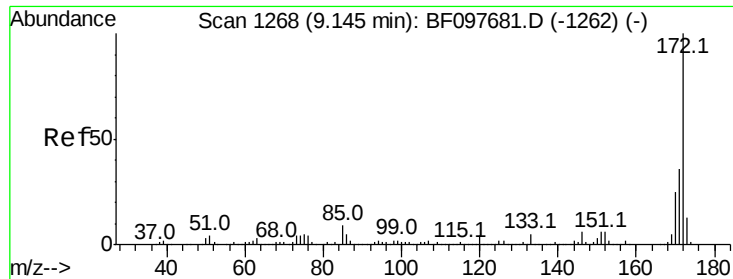
#41
2,4,6-Tribromophenol
Concen: 112.050 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.04 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:330 Resp: 142012
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 37.1 31.4 47.2



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

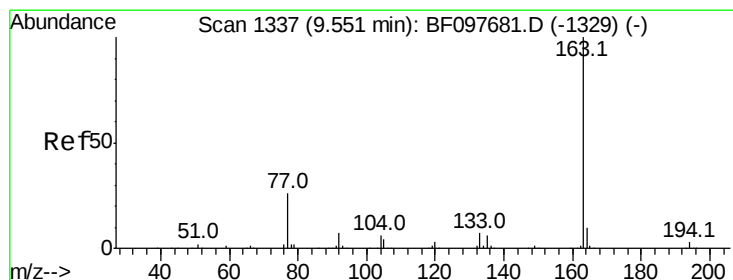
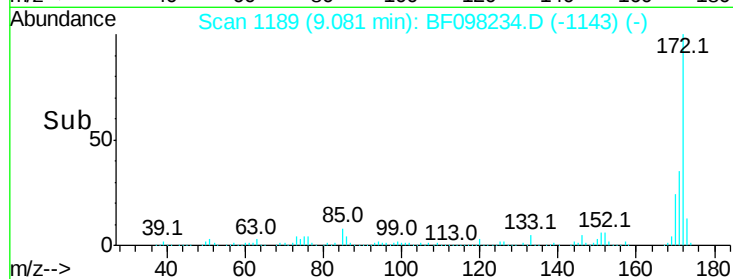
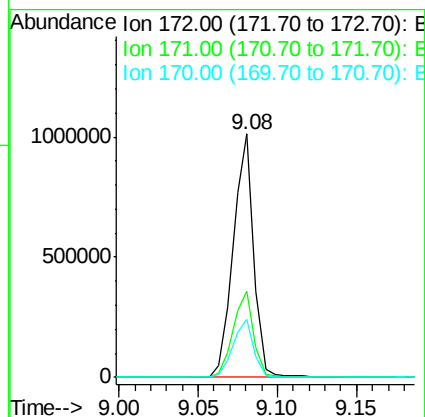
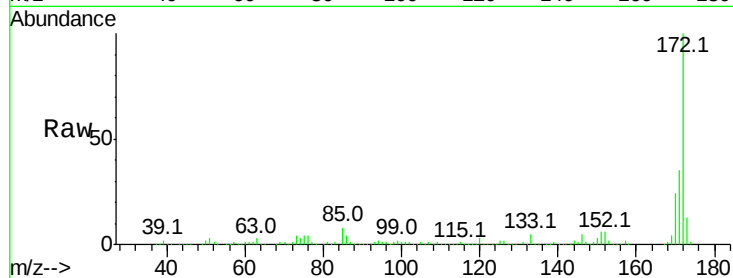




#44
2-Fluorobiphenyl
Concen: 91.084 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

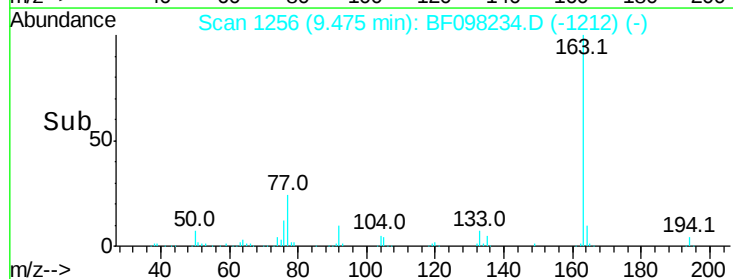
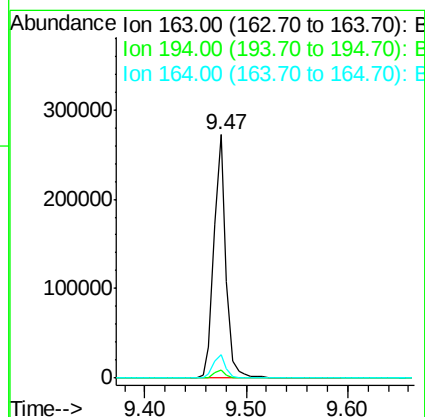
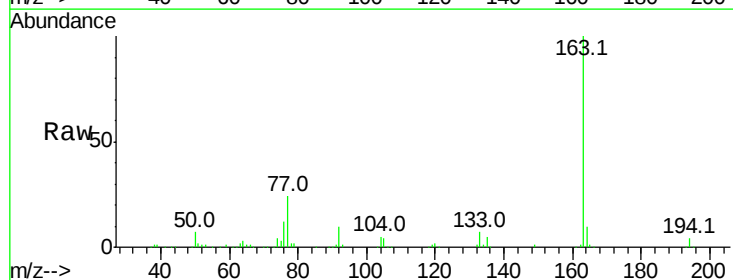
Instrument :
BNA_F
ClientSampleId :
SI-1

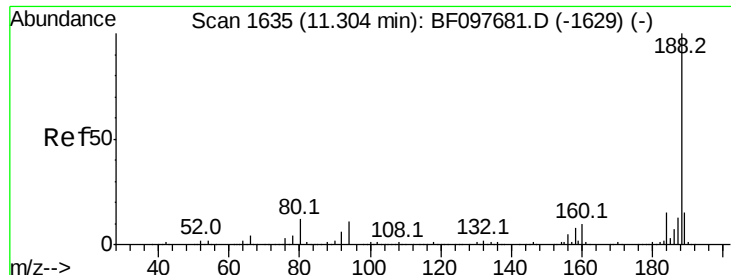
Tot Ion:172 Resp: 905564
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 20.907 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:163 Resp: 223233
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6

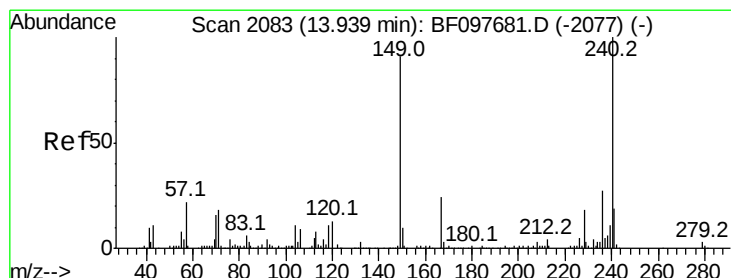
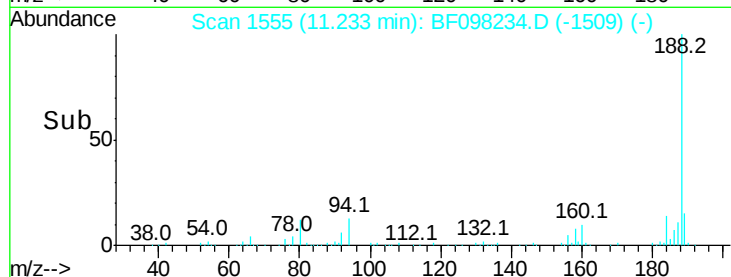
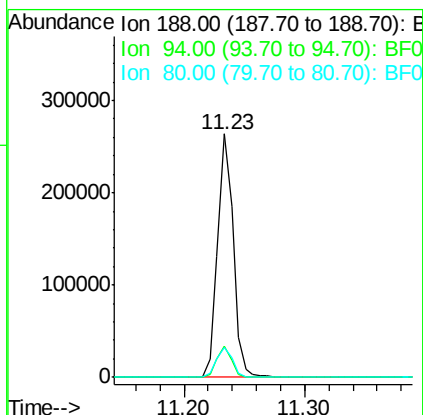
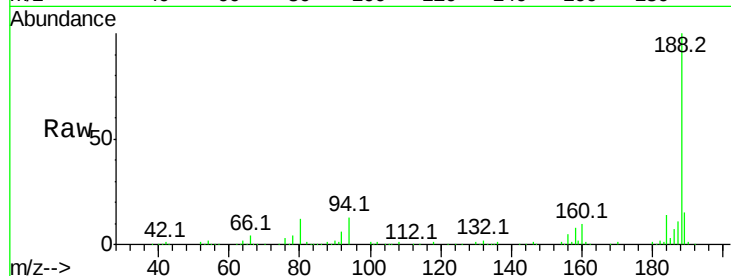




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

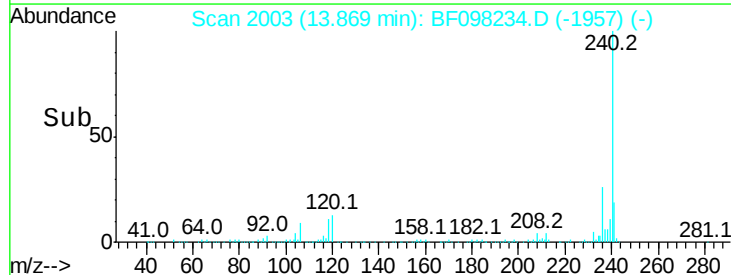
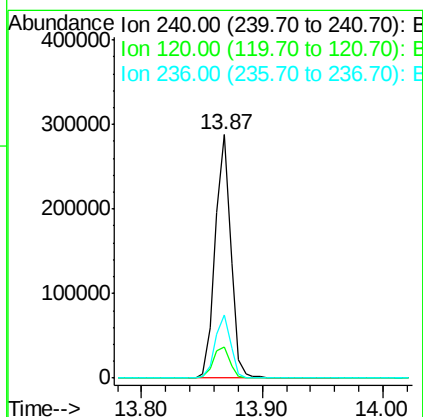
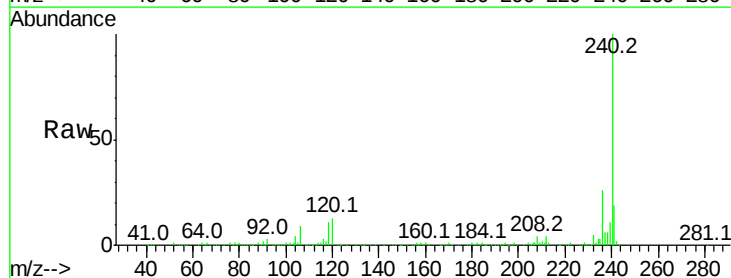
Instrument :
BNA_F
ClientSampleId :
SI-1

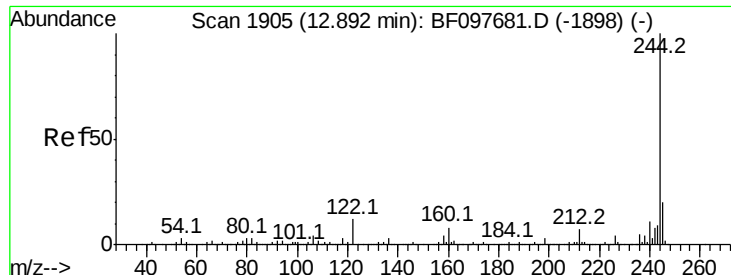
Tot Ion:188 Resp: 234928
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:240 Resp: 254308
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 53.134 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

SI-1

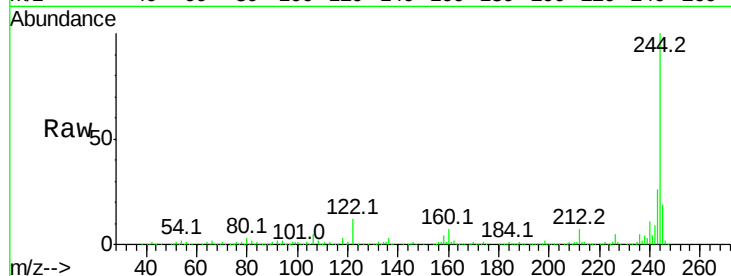
Tot Ion:244 Resp: 647974

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

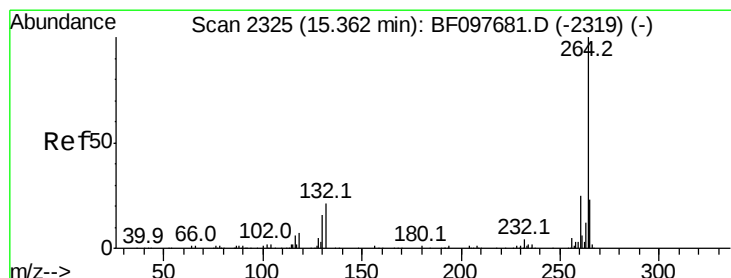
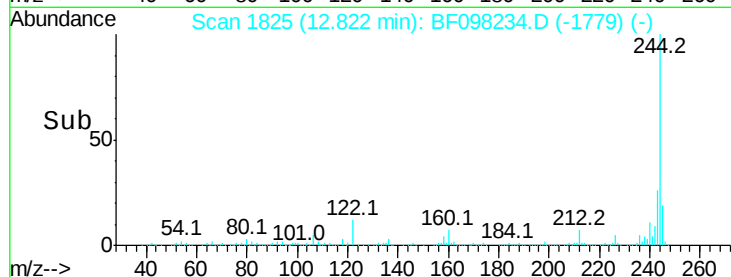
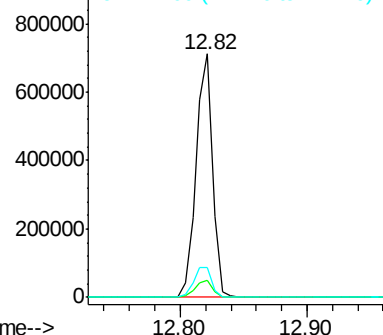
122 12.0 10.3 15.5



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: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

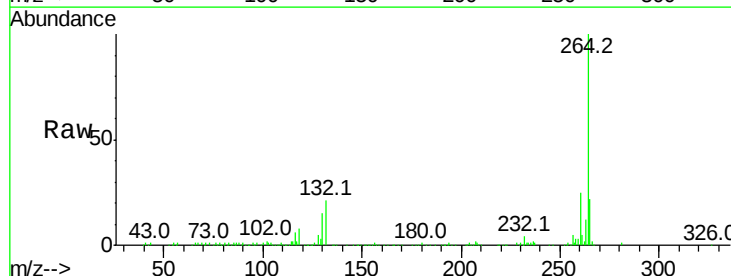
Tgt Ion:264 Resp: 191445

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.5 17.2 25.8



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

