

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103303.D
 Acq On : 28 Feb 2018 19:51
 Operator : SJ/JU
 Sample : J1709-01 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:03:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

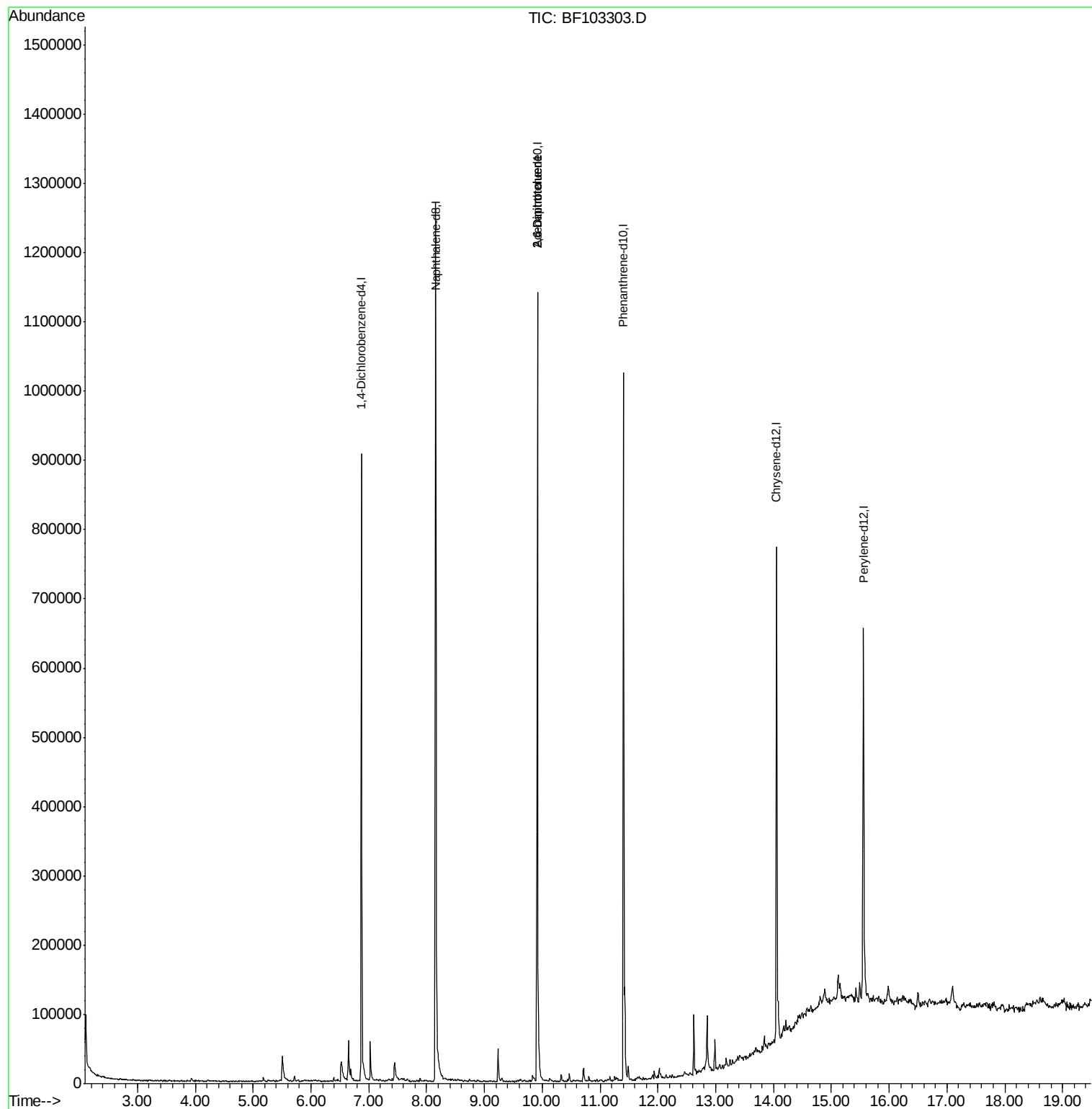
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151476	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	649225	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	258532	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	387827	20.00	ng	0.00
75) Chrysene-d12	14.06	240	253021	20.00	ng	0.00
86) Perylene-d12	15.56	264	254820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	19385	1.94	ng	0.01
7) Phenol-d6	6.53	99	24400	1.99	ng	0.02
23) Nitrobenzene-d5	7.45	82	17743	1.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	2449	1.12	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	24390	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	14022	1.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	110	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.91	165	33038	7.591	ng	# 24
56) 2,4-Dinitrotoluene	9.91	165	33038	6.002	ng	# 22

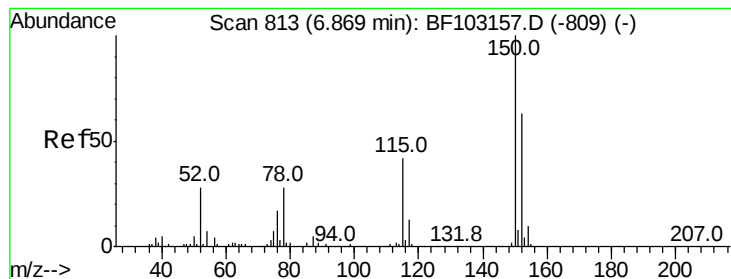
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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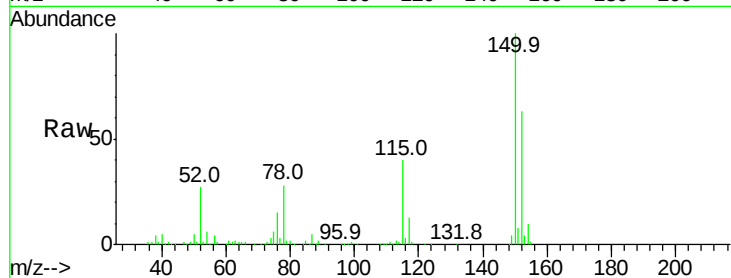


#1

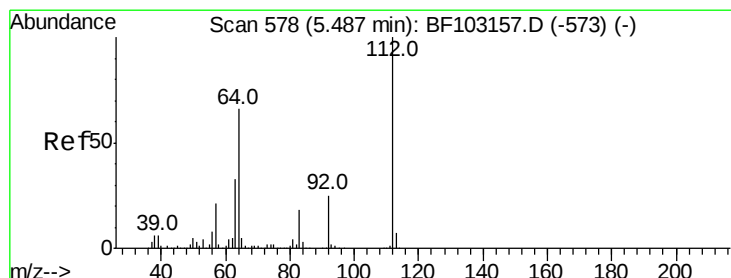
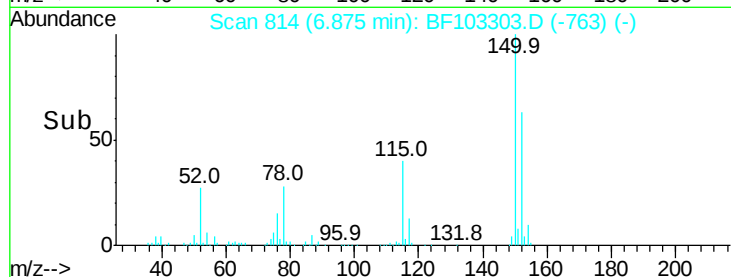
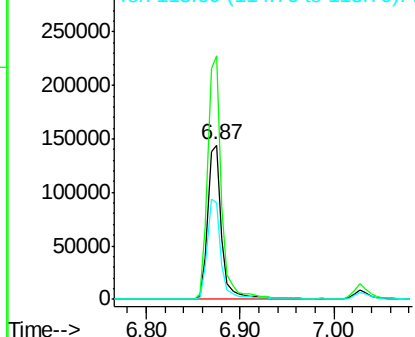
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151476
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.9 50.1 75.1



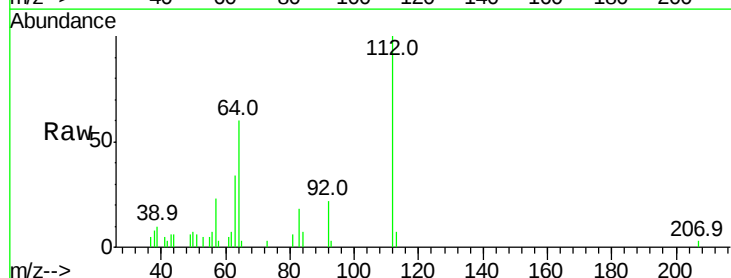
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



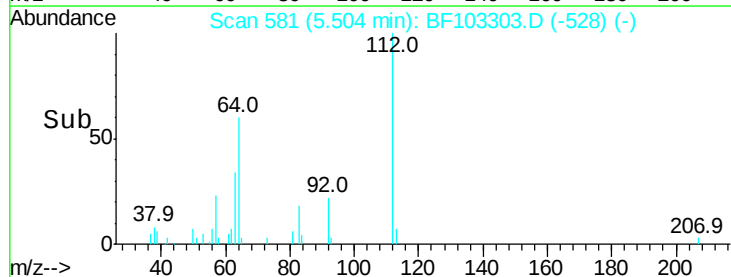
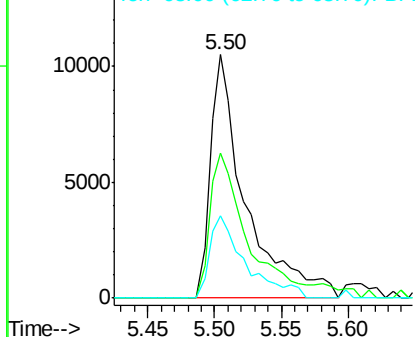
#5

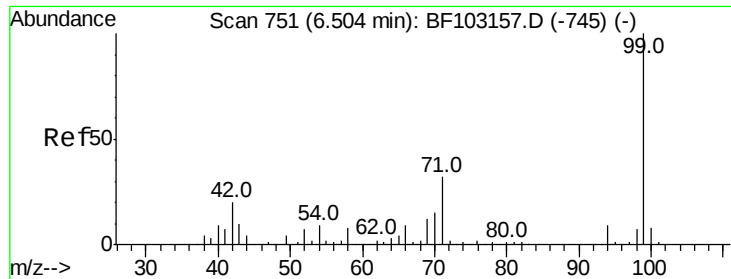
2-Fluorophenol
Concen: 1.936 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Tgt Ion:112 Resp: 19385
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.991 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

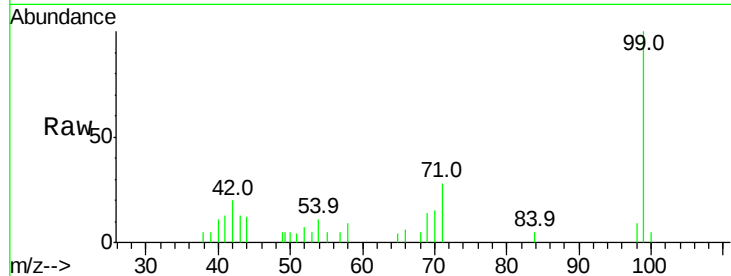
Tot Ion: 99 Resp: 24400

Ion Ratio Lower Upper

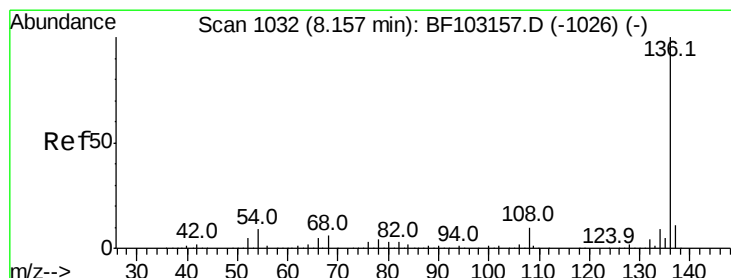
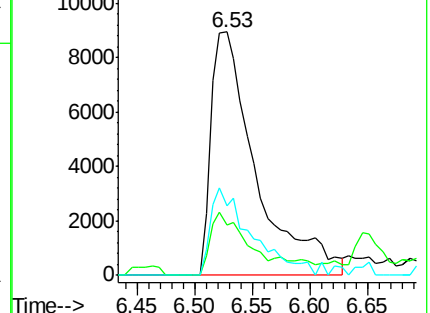
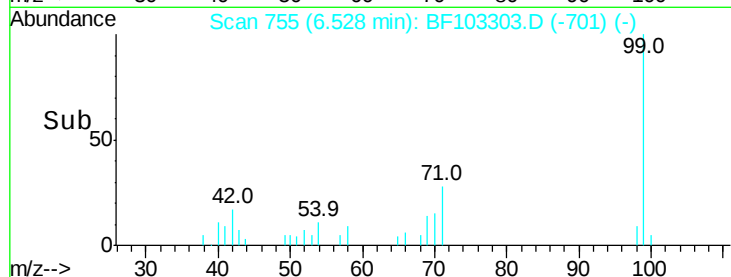
99 100

42 20.4 14.5 21.7

71 28.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Tgt Ion: 136 Resp: 649225

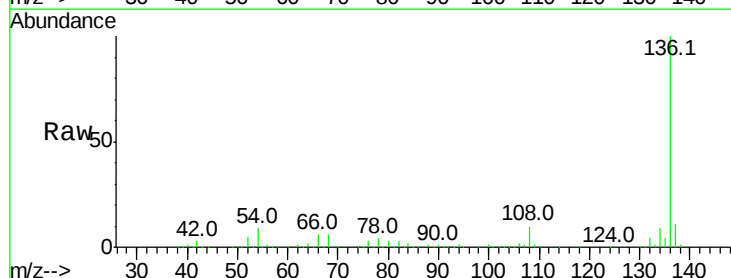
Ion Ratio Lower Upper

136 100

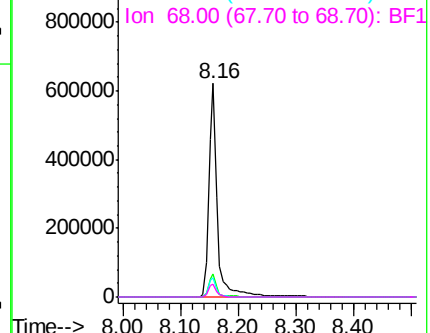
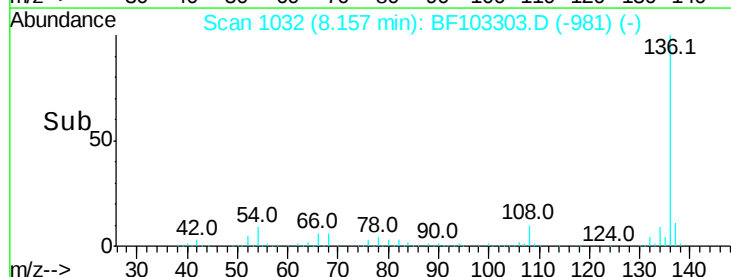
137 10.7 8.9 13.3

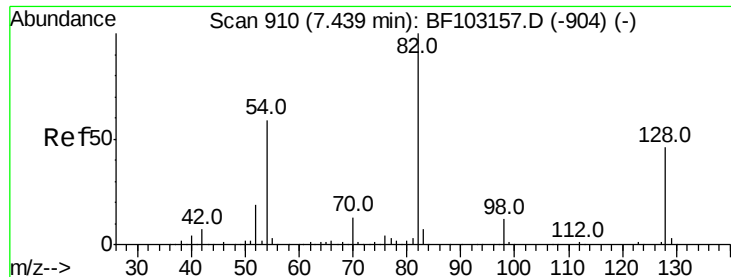
54 8.8 6.6 9.8

68 6.3 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 1.561 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Instrument :

BNA_F

ClientSampled :

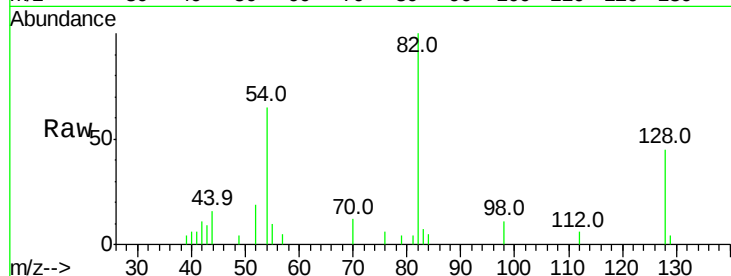
Tot Ion: 82 Resp: 17743

Ion Ratio Lower Upper

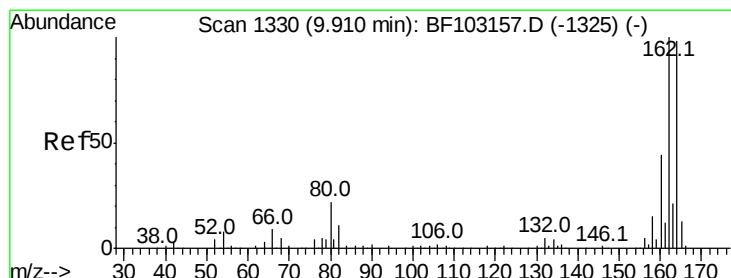
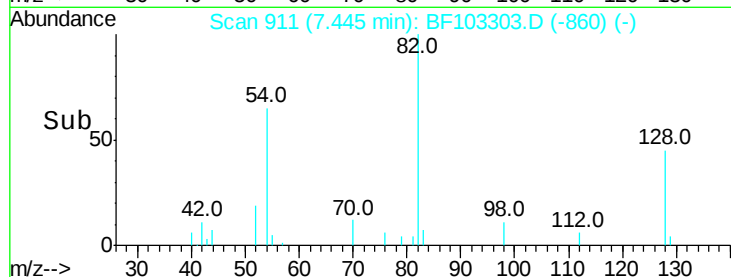
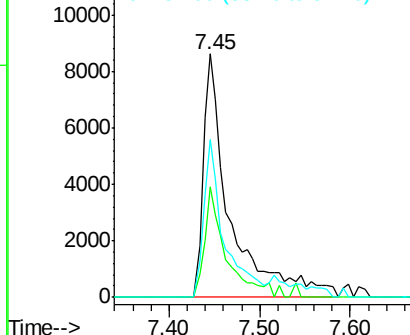
82 100

128 45.5 36.1 54.1

54 64.9 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

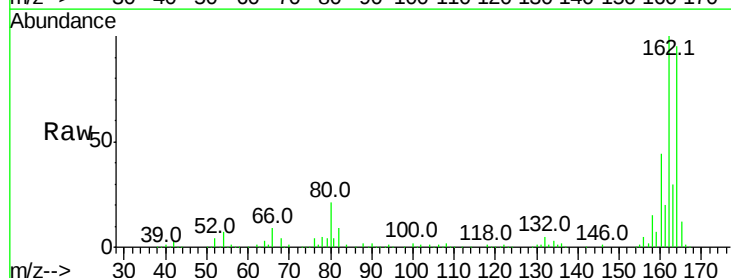
Tgt Ion:164 Resp: 258532

Ion Ratio Lower Upper

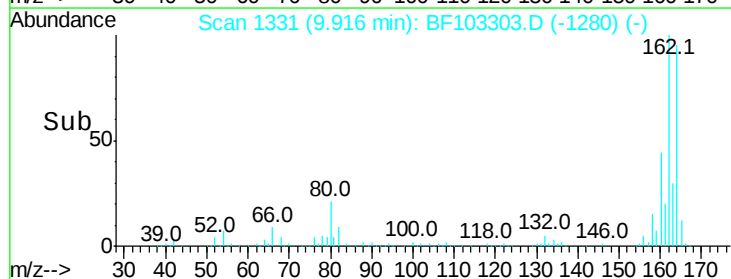
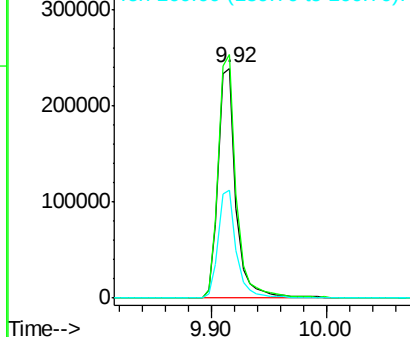
164 100

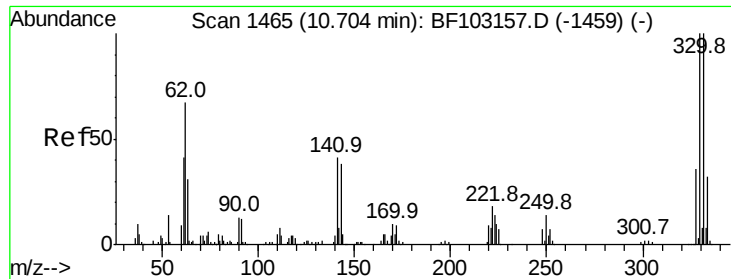
162 105.8 86.1 129.1

160 46.9 38.3 57.5



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

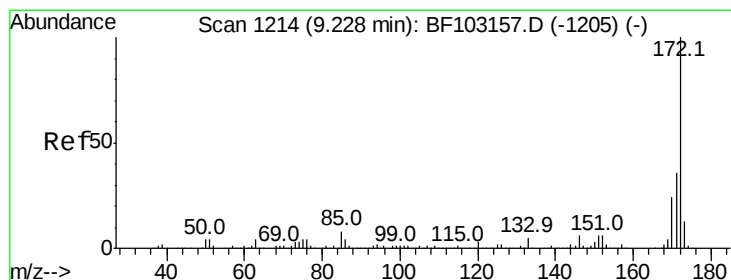
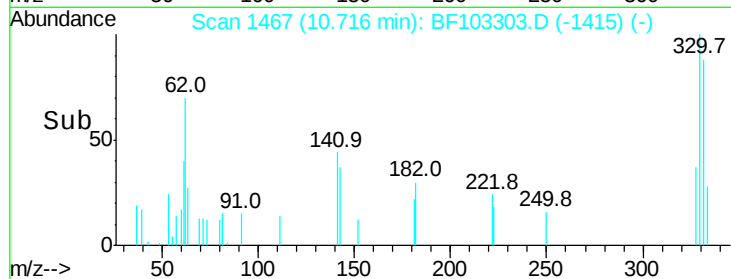
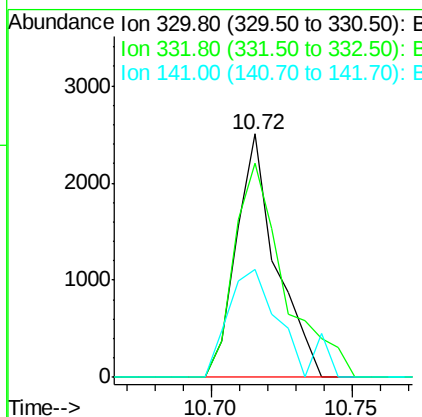
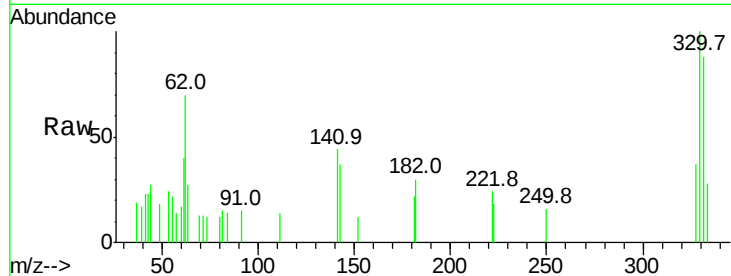




#41
 2,4,6-Tribromophenol
 Concen: 1.119 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

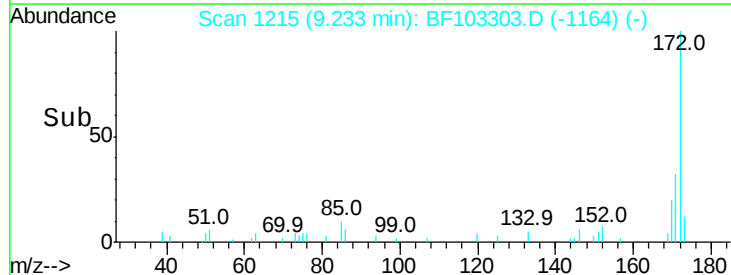
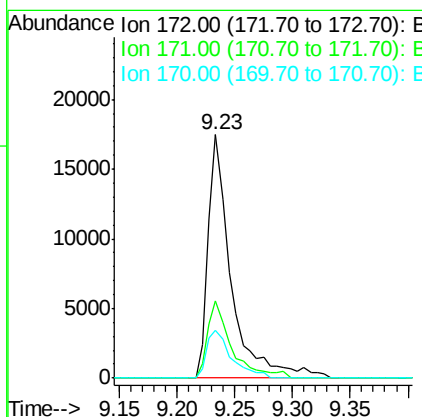
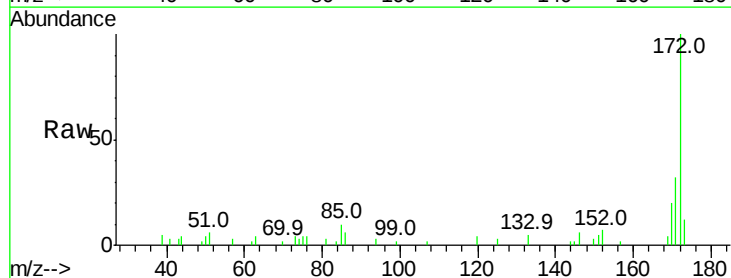
Instrument :
 BNA_F
 ClientSampleId :

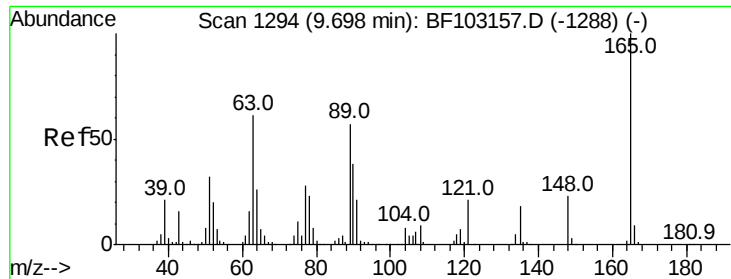
Tot Ion:330 Resp: 2449
 Ion Ratio Lower Upper
 330 100
 332 110.6 77.0 115.6
 141 60.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Tgt Ion:172 Resp: 24390
 Ion Ratio Lower Upper
 172 100
 171 31.9 29.7 44.5
 170 19.8 19.6 29.4

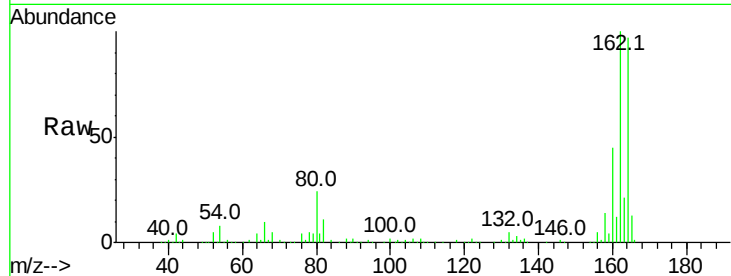




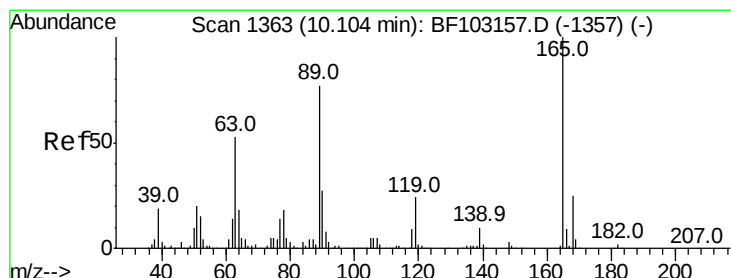
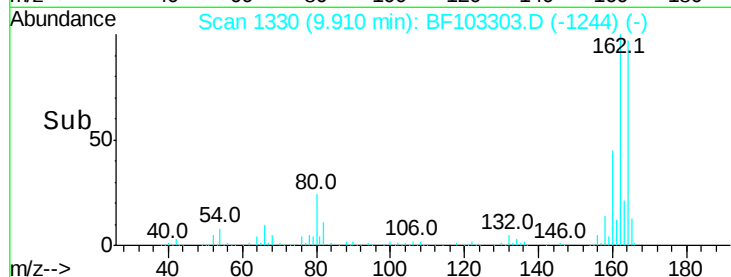
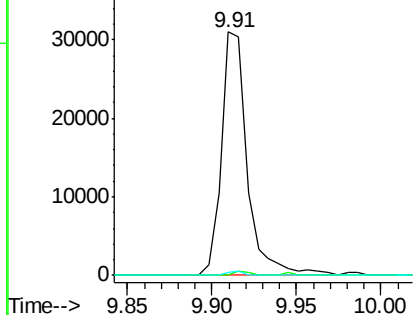
#50
 2,6-Dinitrotoluene
 Concen: 7.591 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#

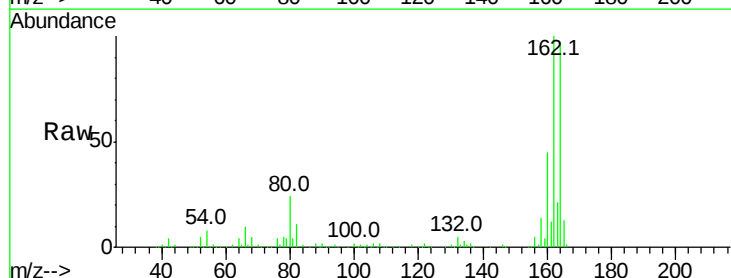


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

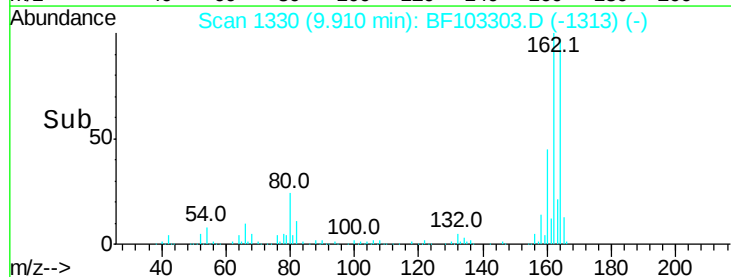
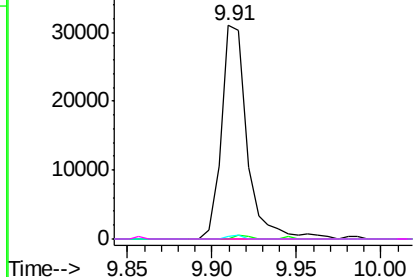


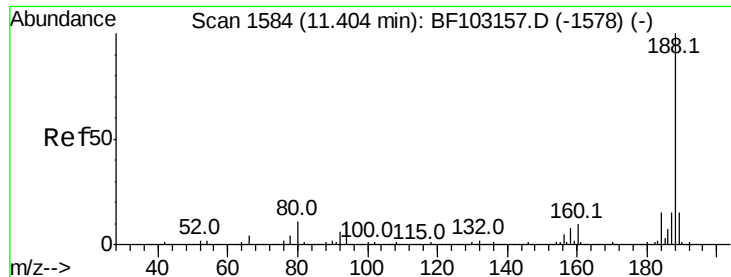
#56
 2,4-Dinitrotoluene
 Concen: 6.002 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

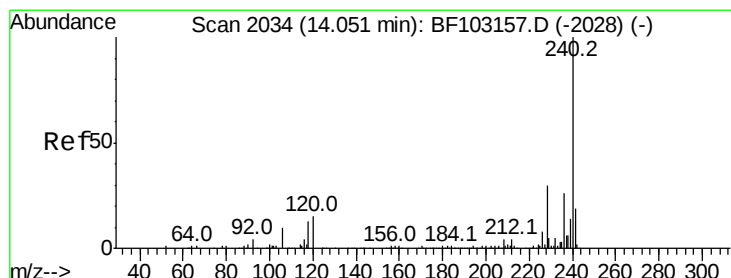
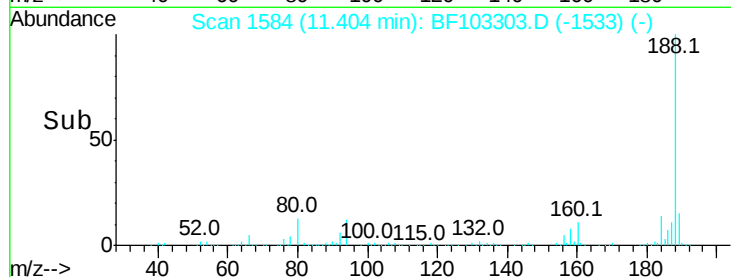
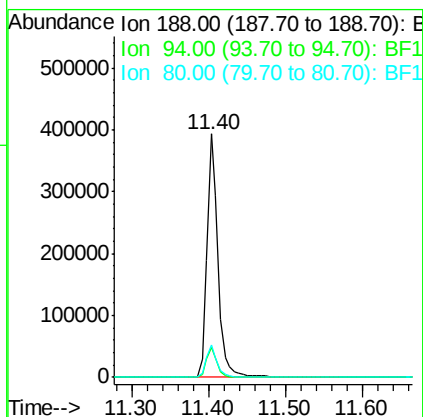
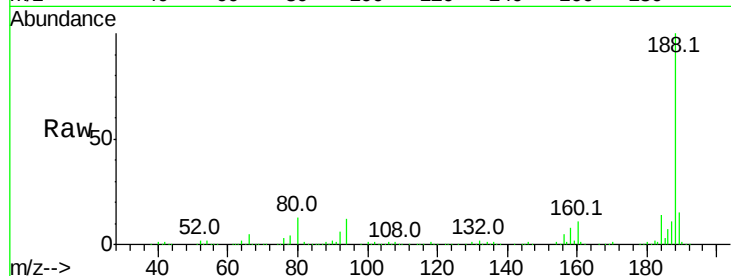




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

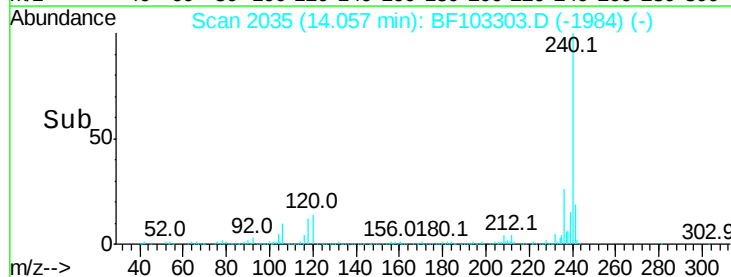
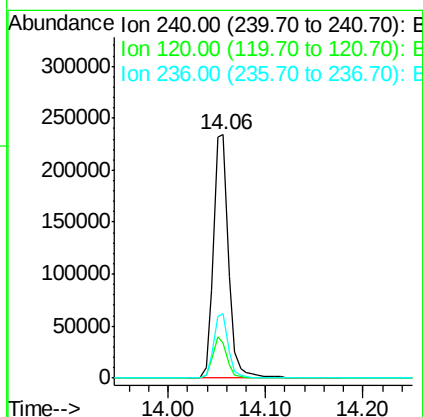
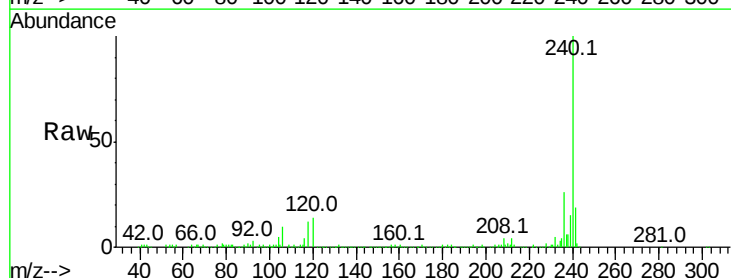
Instrument :
BNA_F
ClientSampleId :

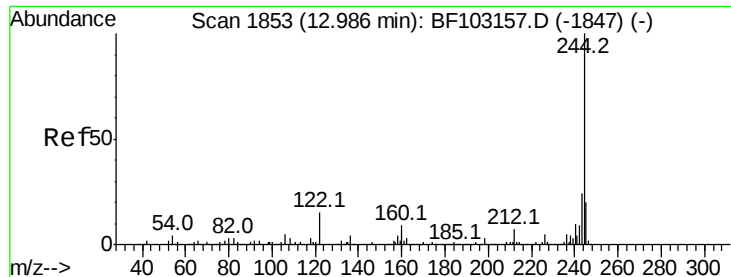
Tot Ion:188 Resp: 387827
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Tgt Ion:240 Resp: 253021
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 1.332 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

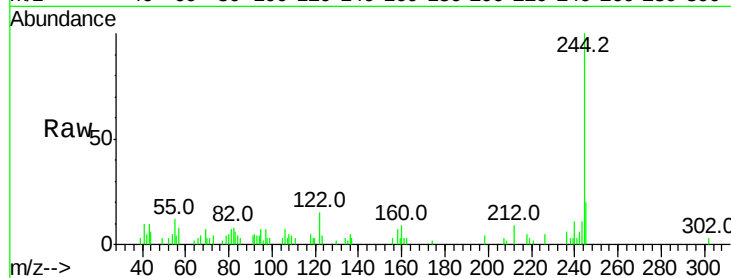
Tot Ion:244 Resp: 14022

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

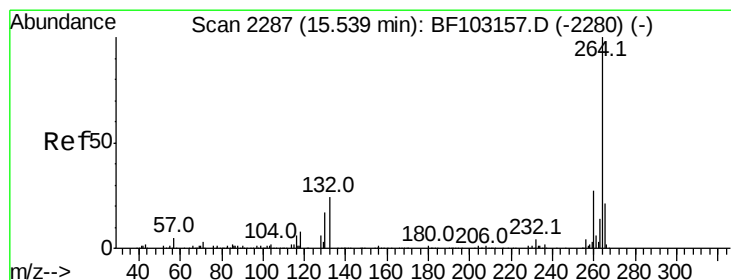
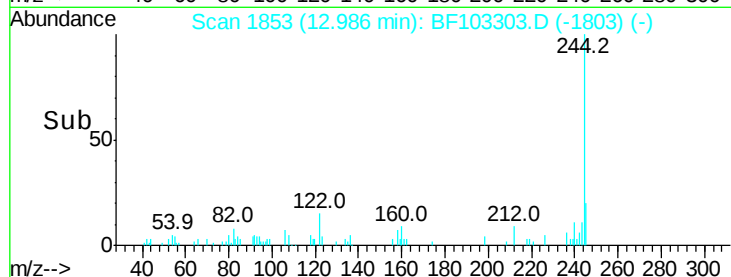
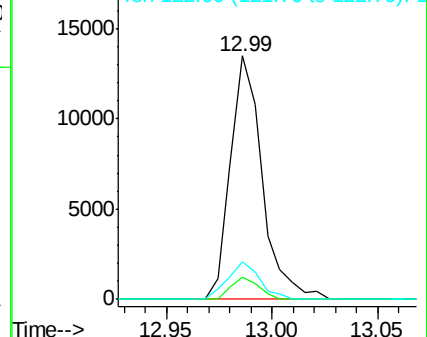
122 15.4 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

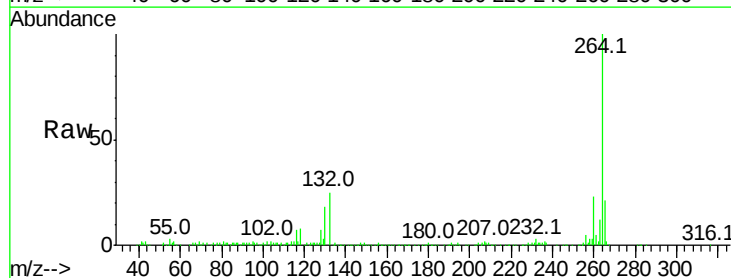
Tgt Ion:264 Resp: 254820

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.8 17.5 26.3



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

