

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109003.D
 Acq On : 14 Sep 2018 19:04
 Operator : JU/SJ
 Sample : J4906-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 15 00:57:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

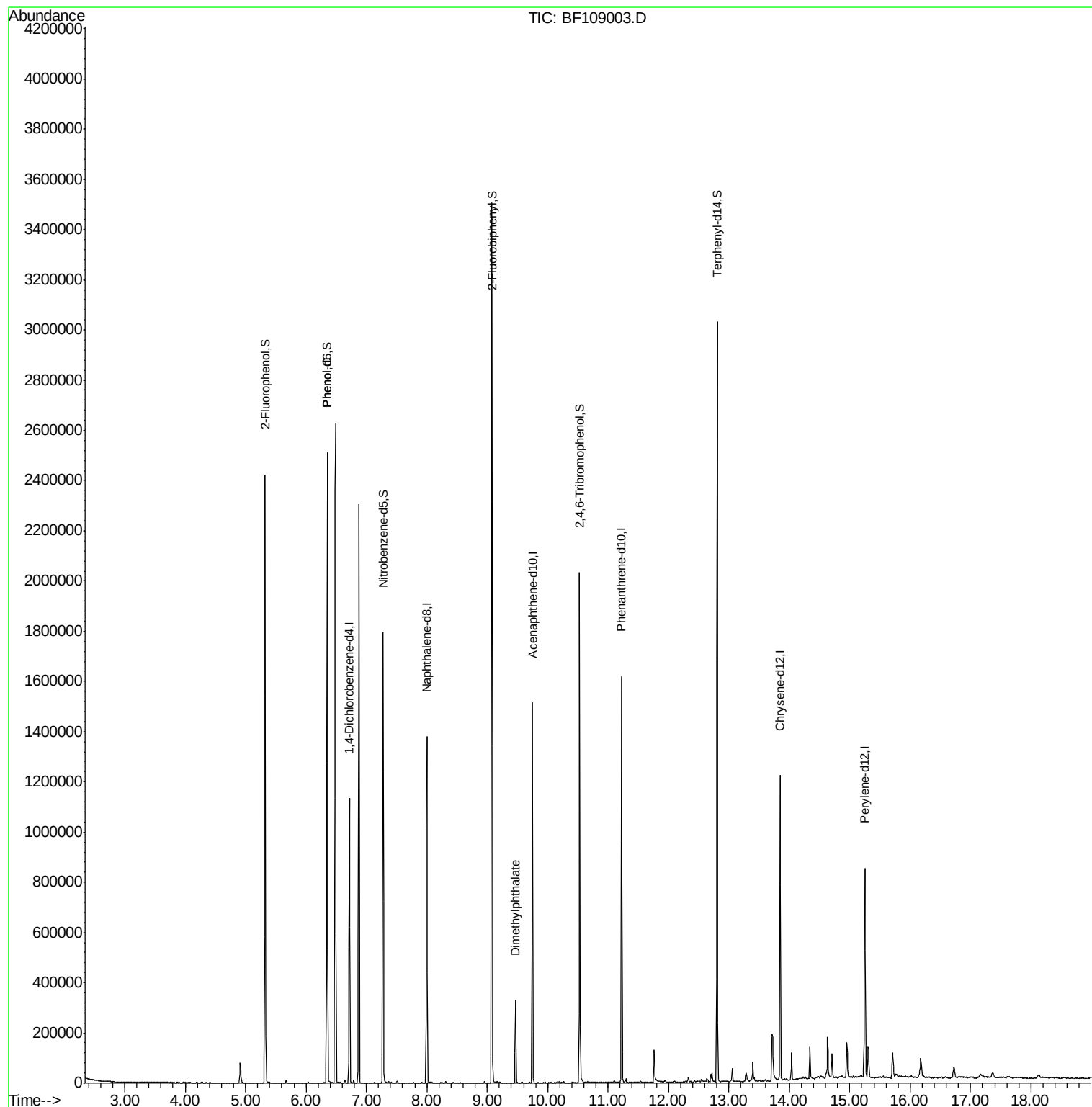
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147506	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561390	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281662	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	540158	20.00	ng	0.00
75) Chrysene-d12	13.85	240	391708	20.00	ng	-0.01
86) Perylene-d12	15.25	264	379368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	688104	77.48	ng	0.00
7) Phenol-d6	6.35	99	898475	78.46	ng	0.00
23) Nitrobenzene-d5	7.28	82	556681	55.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	240925	78.82	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1009958	56.18	ng	0.00
78) Terphenyl-d14	12.81	244	976149	59.07	ng	0.00
Target Compounds						
10) Phenol	6.36	94	29543	2.293	ng	86
49) Dimethylphthalate	9.47	163	125615	6.240	ng	99

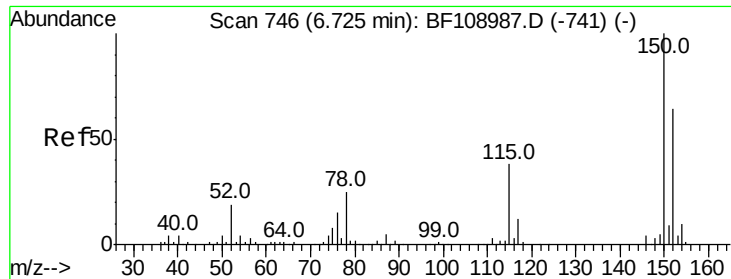
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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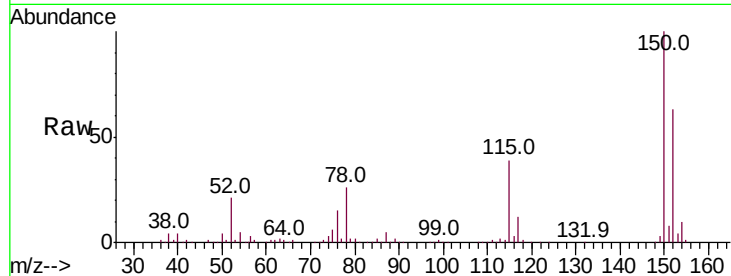


#1

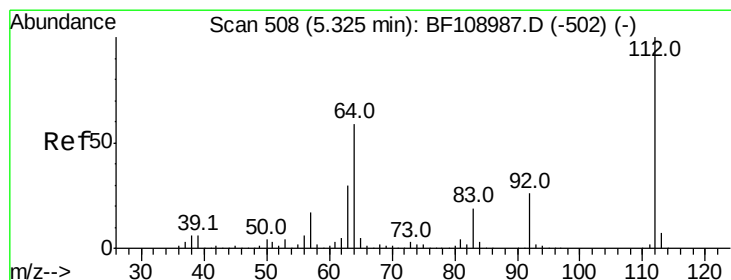
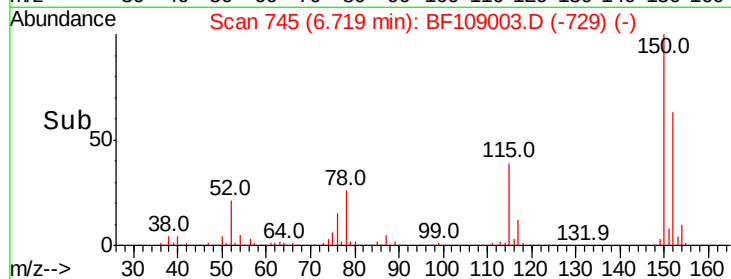
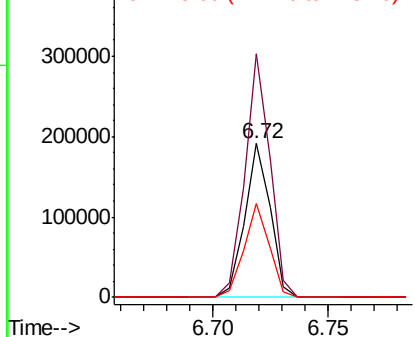
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tot Ion:152 Resp: 147506
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.4 50.1 75.1



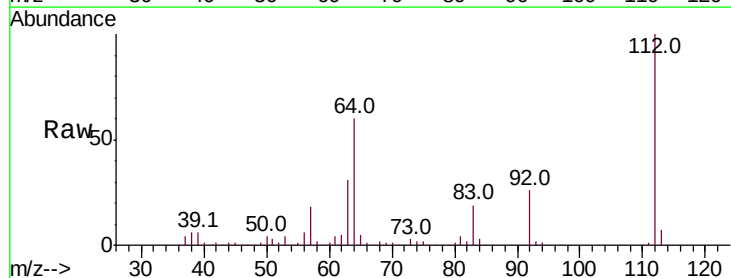
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



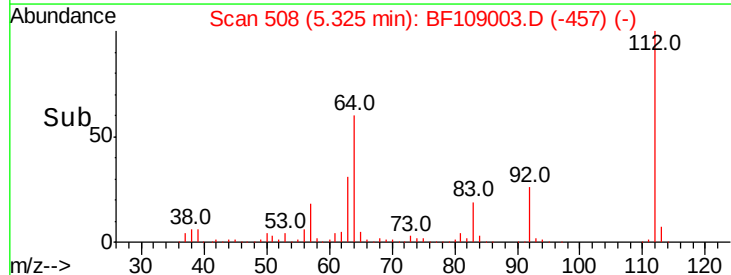
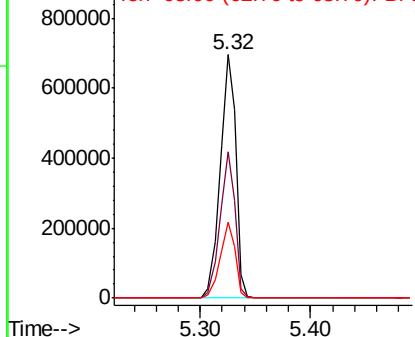
#5

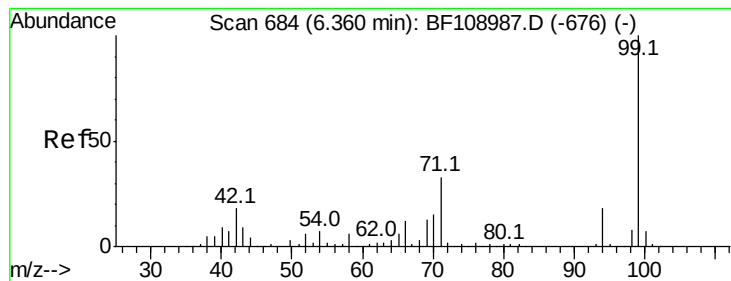
2-Fluorophenol
Concen: 77.479 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion:112 Resp: 688104
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.2 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: 78.457 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

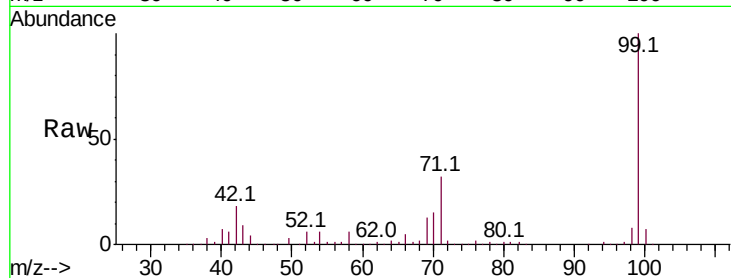
Tot Ion: 99 Resp: 898475

Ion Ratio Lower Upper

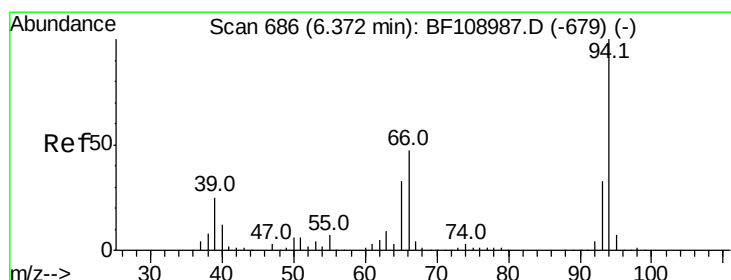
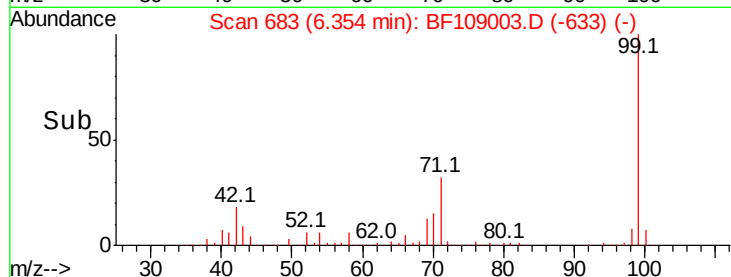
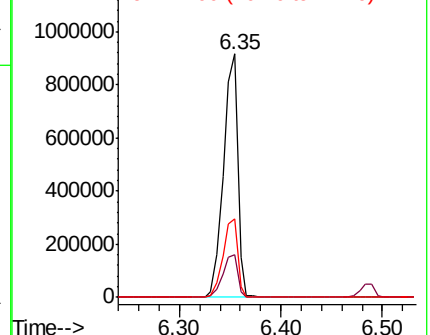
99 100

42 17.6 14.5 21.7

71 32.3 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



#10

Phenol

Concen: 2.293 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

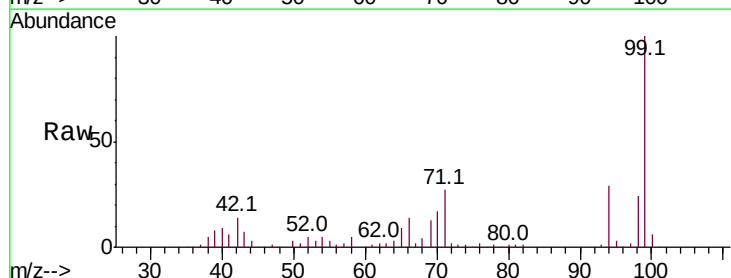
Tgt Ion: 94 Resp: 29543

Ion Ratio Lower Upper

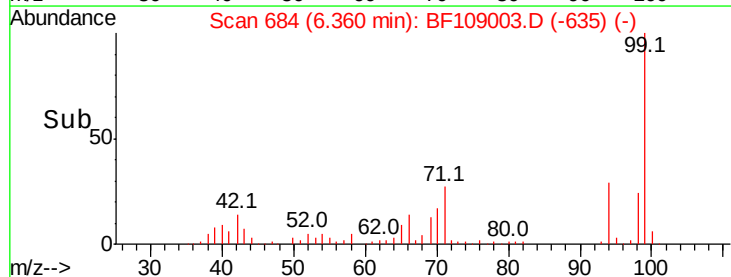
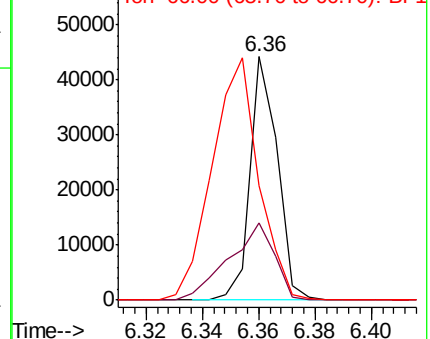
94 100

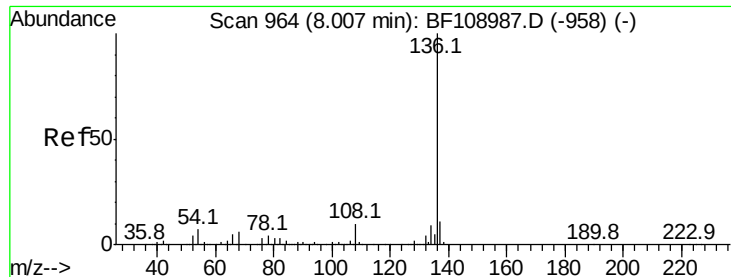
65 31.8 7.9 47.9

66 47.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

Tot Ion:136 Resp: 561390

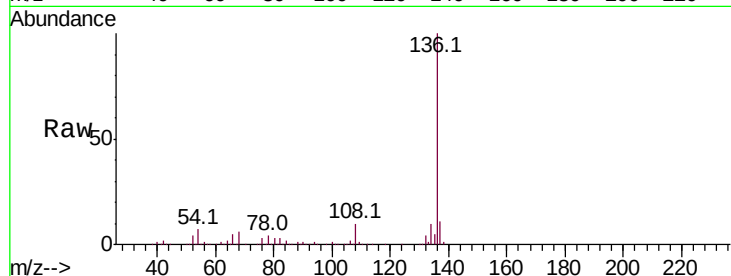
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

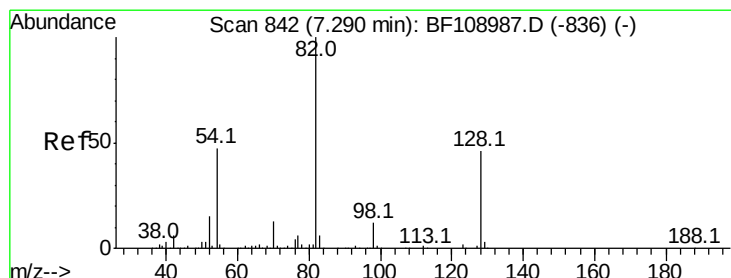
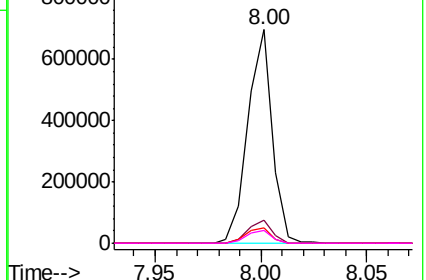
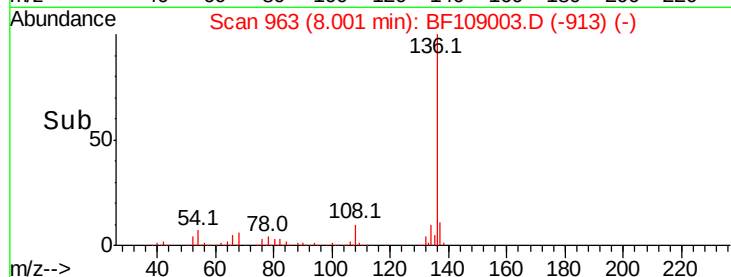


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.618 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

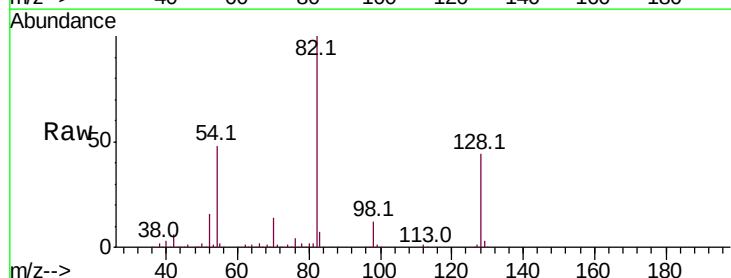
Tgt Ion: 82 Resp: 556681

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

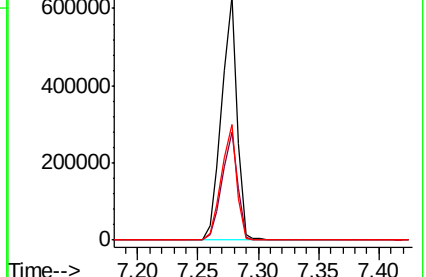
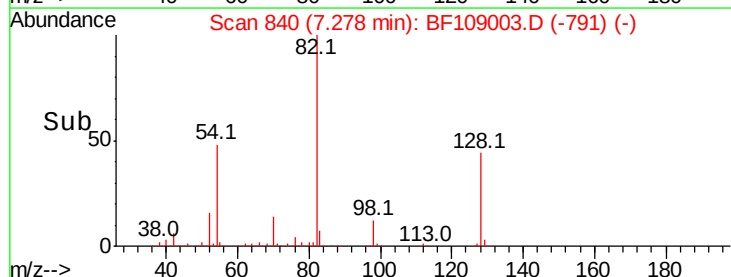
54 47.6 41.4 62.2

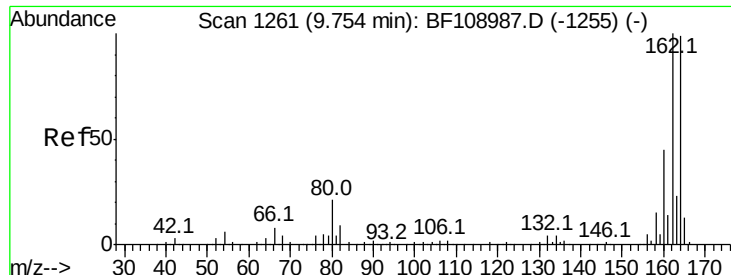


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

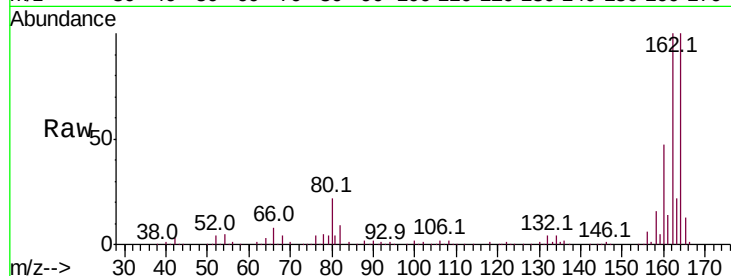




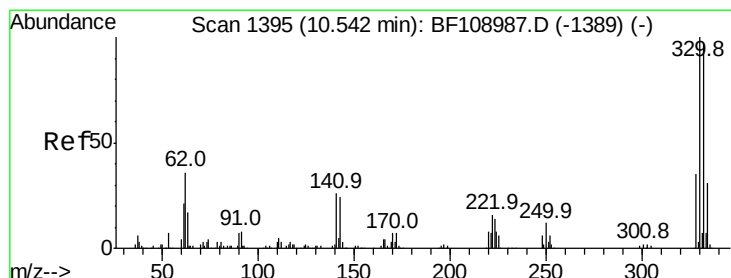
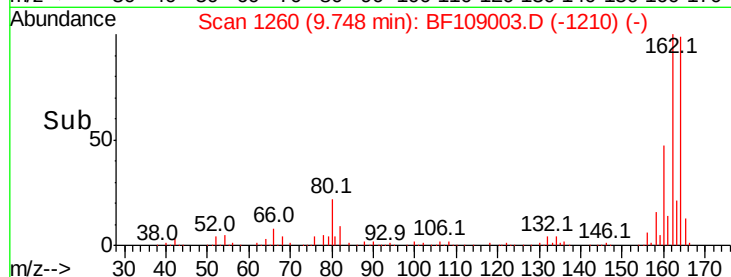
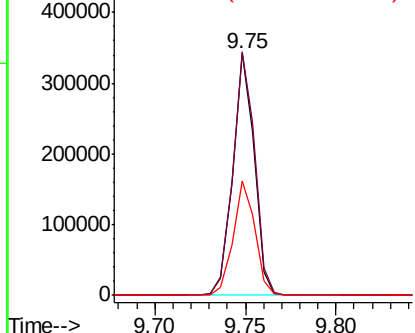
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	47.0	38.3	57.5

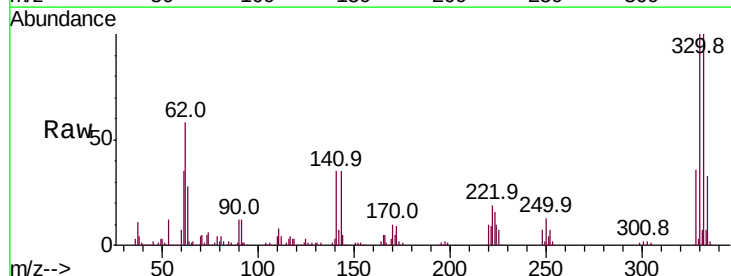


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

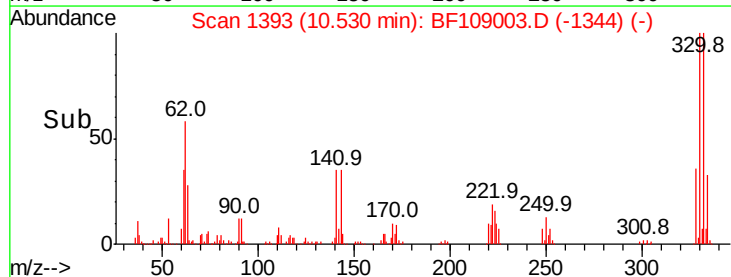
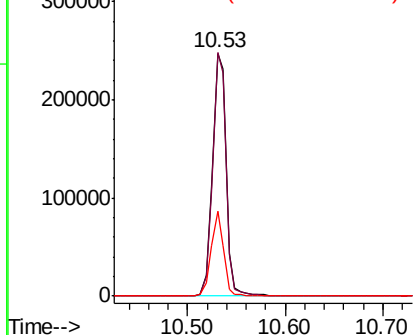


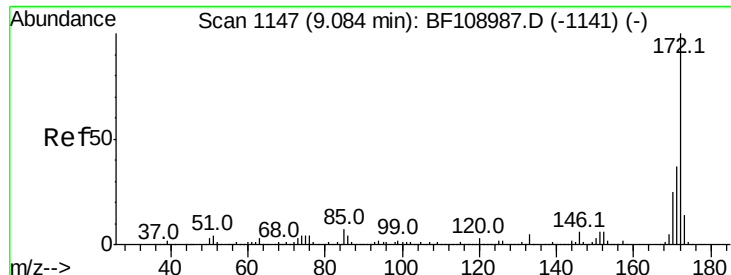
#41
2,4,6-Tribromophenol
Concen: 78.816 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	31.6	29.9	44.9



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

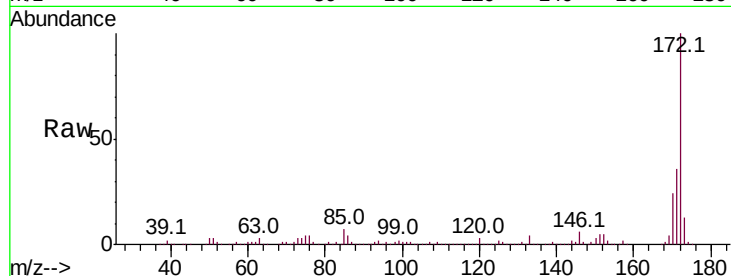




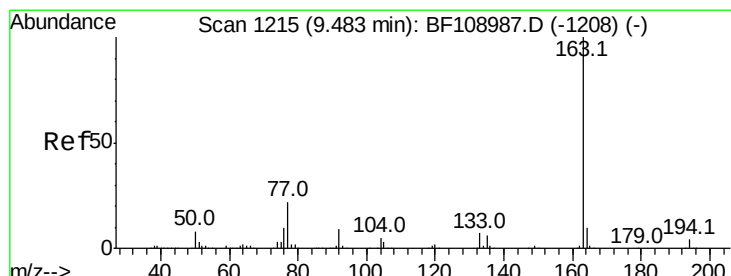
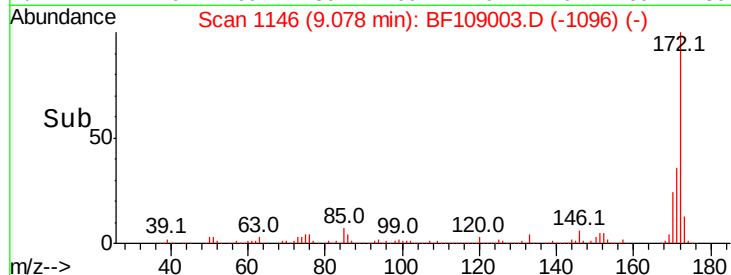
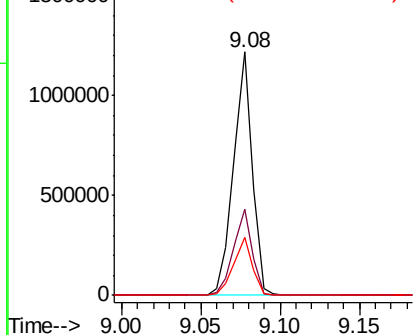
#44
2-Fluorobiphenyl
Concen: 56.178 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tot Ion:172 Resp: 1009958
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.9 19.6 29.4

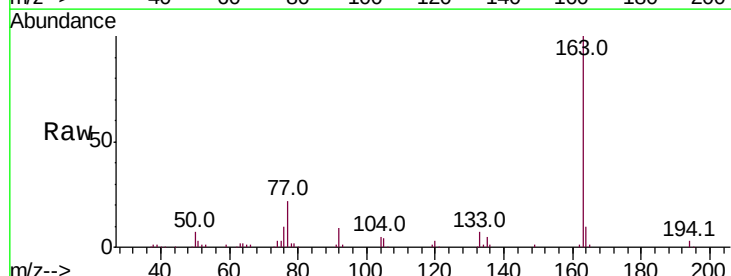


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

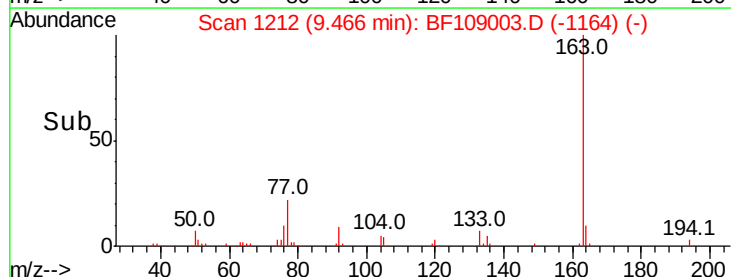
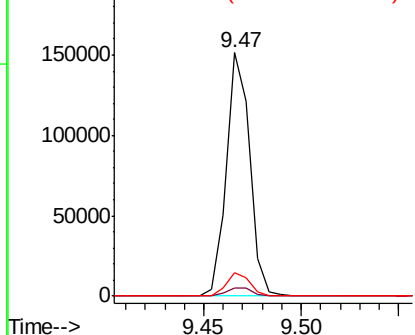


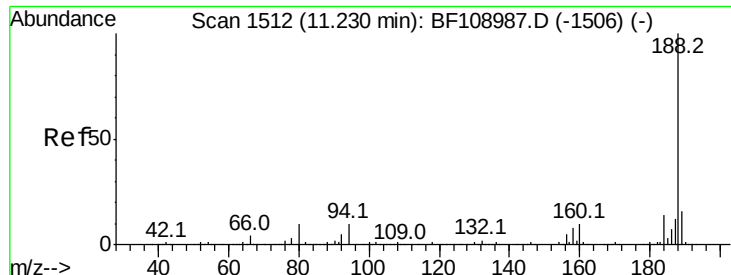
#49
Dimethylphthalate
Concen: 6.240 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion:163 Resp: 125615
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



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

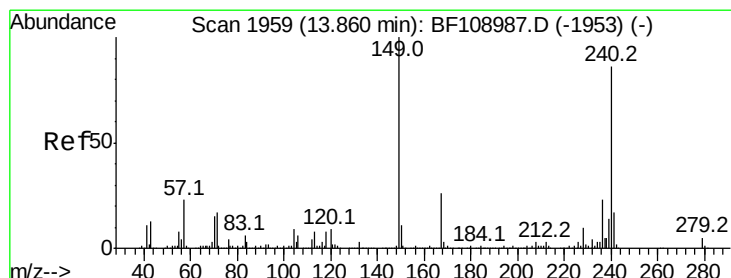
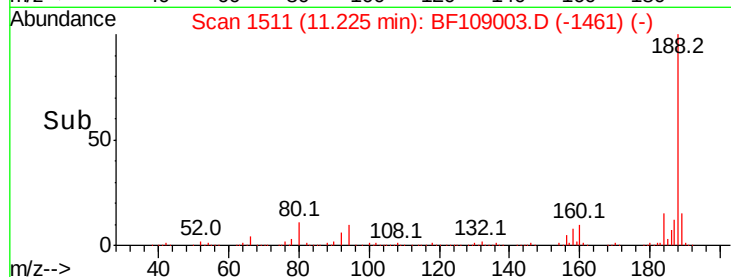
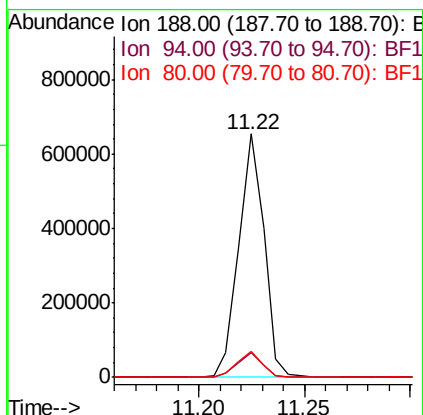
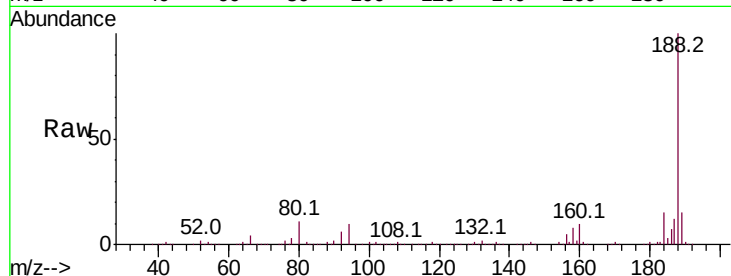




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

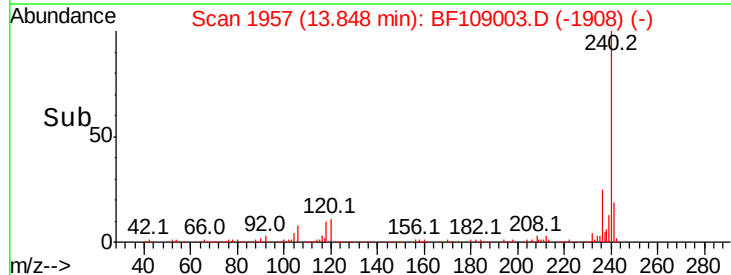
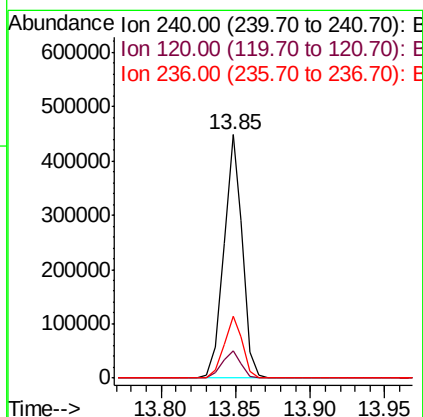
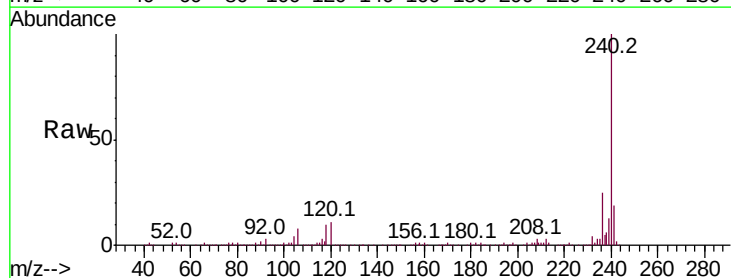
Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

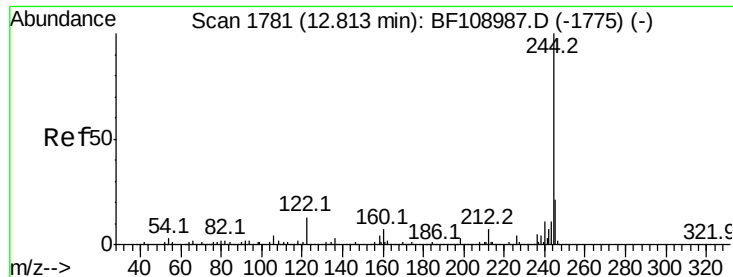
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 59.068 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

Instrument :

BNA_F

ClientSampled :

SP-PIT-10

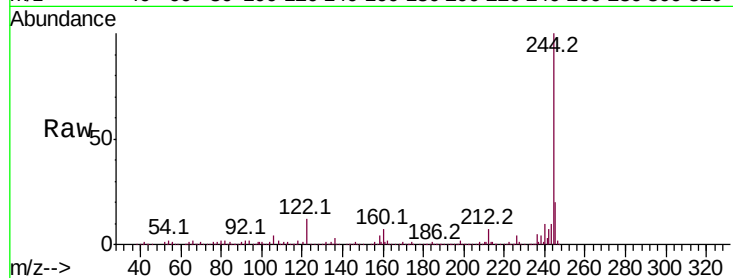
Tot Ion:244 Resp: 976149

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

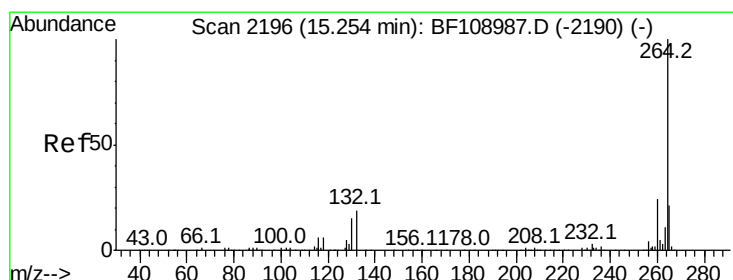
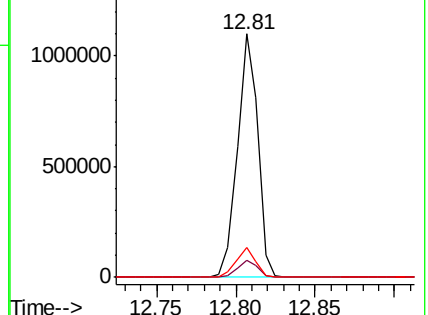
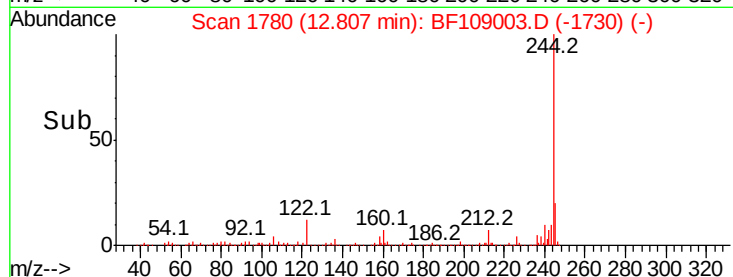
122 12.2 11.0 16.4



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: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

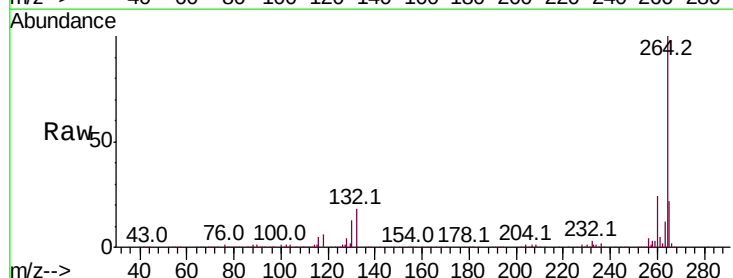
Tgt Ion:264 Resp: 379368

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

