

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108244.D
 Acq On : 17 Aug 2018 15:42
 Operator : JU/SJ
 Sample : J4500-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 17 17:32:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

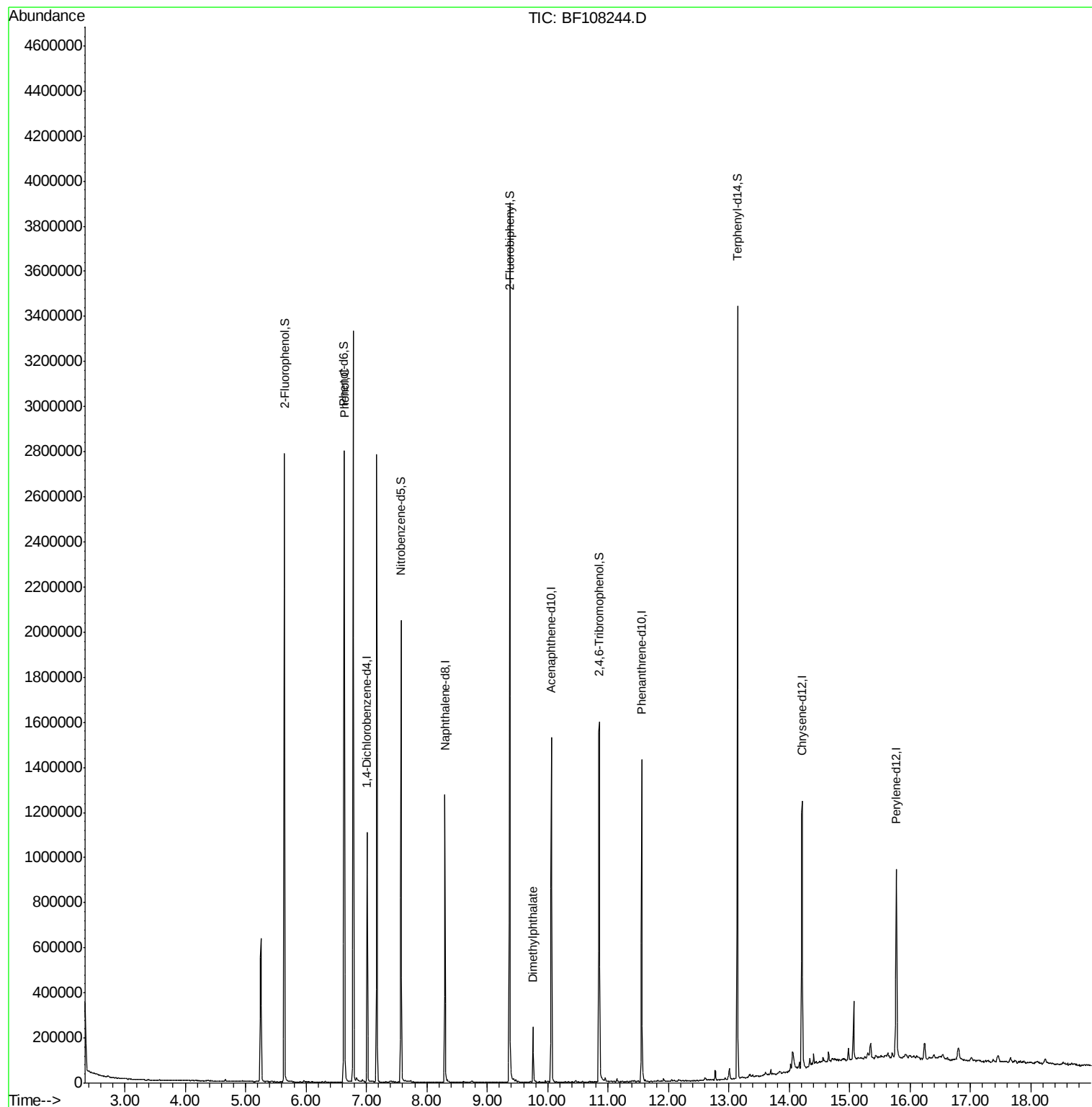
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	154294	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	580672	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	276882	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	508622	20.00	ng	0.00
75) Chrysene-d12	14.21	240	427938	20.00	ng	0.00
86) Perylene-d12	15.77	264	430079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	679114	79.69	ng	0.01
7) Phenol-d6	6.64	99	976933	86.26	ng	0.00
23) Nitrobenzene-d5	7.58	82	636624	61.18	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	208975	75.67	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1133722	65.74	ng	0.00
78) Terphenyl-d14	13.14	244	1098245	65.25	ng	0.00
Target Compounds						
10) Phenol	6.64	94	23616	2.016	ng	Qvalue # 70
49) Dimethylphthalate	9.76	163	88658	4.597	ng	99

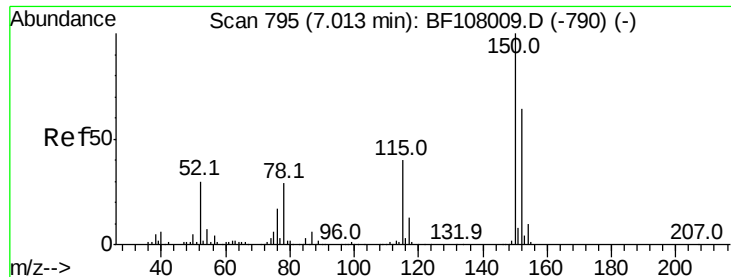
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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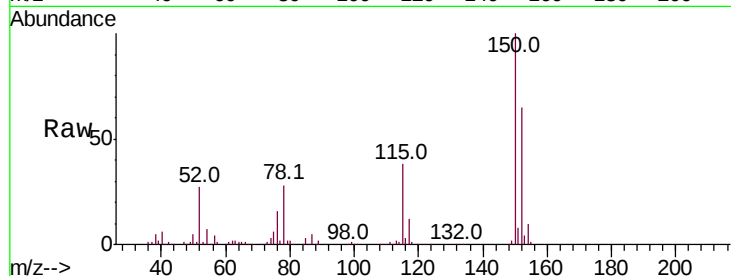


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.6	50.1	75.1

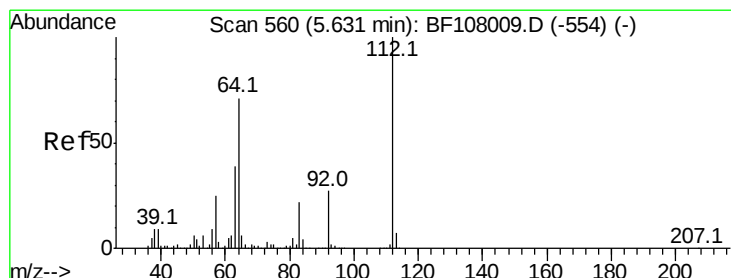
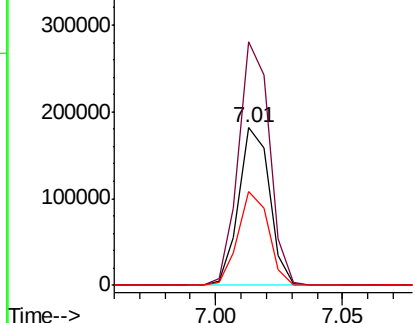
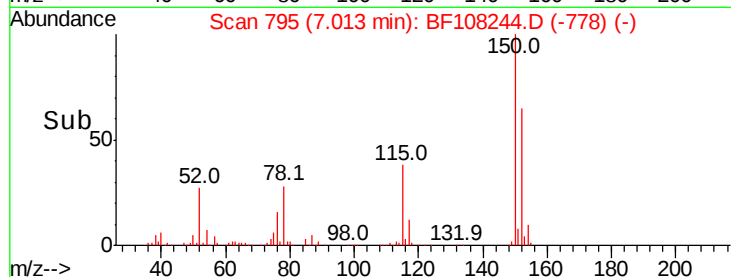


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

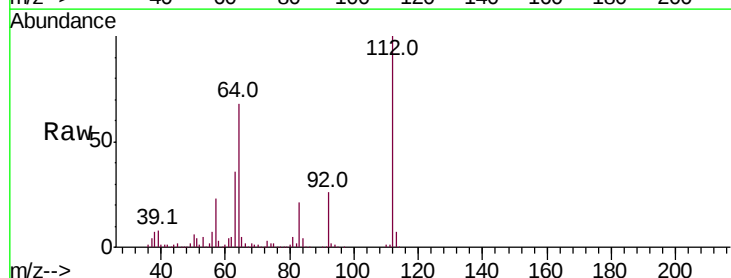
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.686 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	36.1	23.7	35.5#

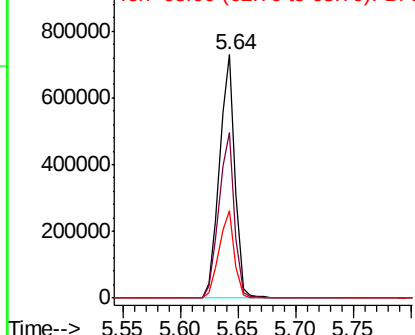
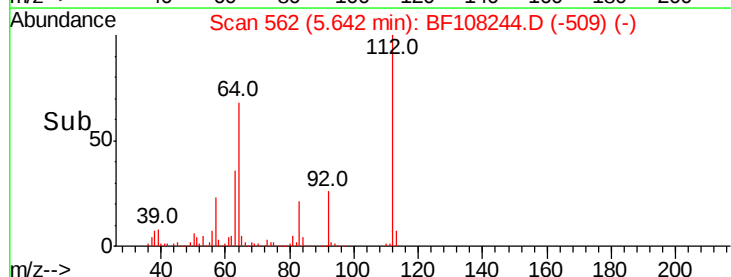


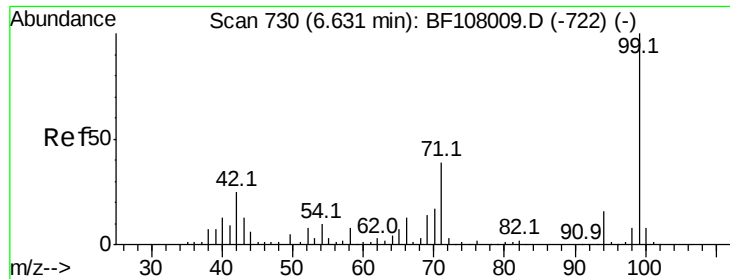
Abundance

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: 86.263 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

Instrument :

BNA_F

ClientSampleId :

TP-2

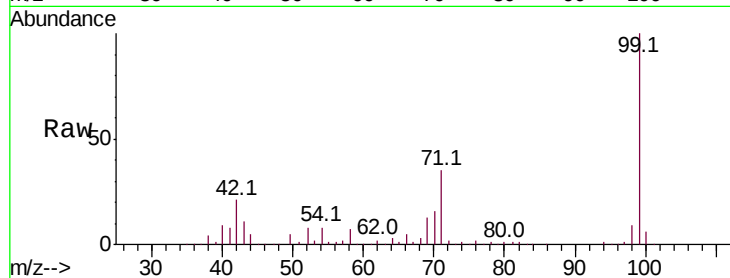
Tot Ion: 99 Resp: 976933

Ion Ratio Lower Upper

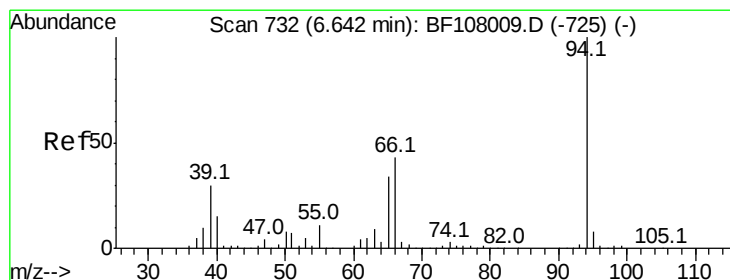
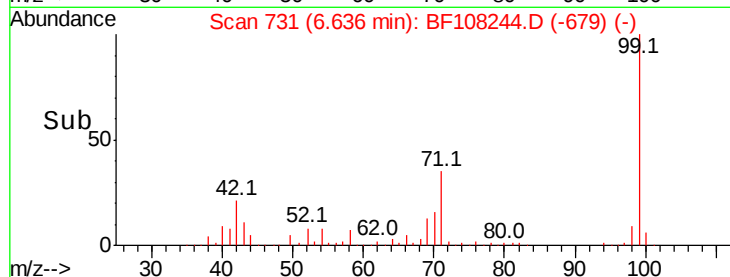
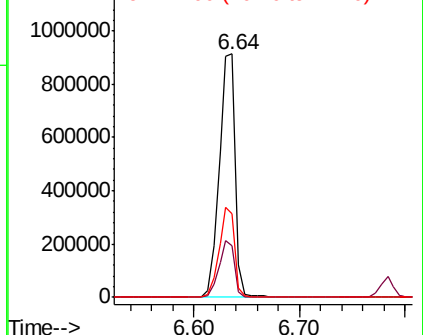
99 100

42 21.0 14.5 21.7

71 34.6 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: 2.016 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

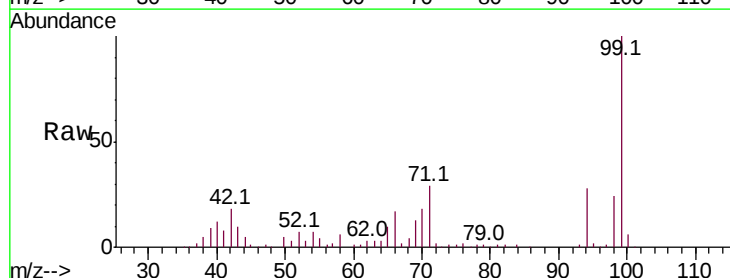
Tgt Ion: 94 Resp: 23616

Ion Ratio Lower Upper

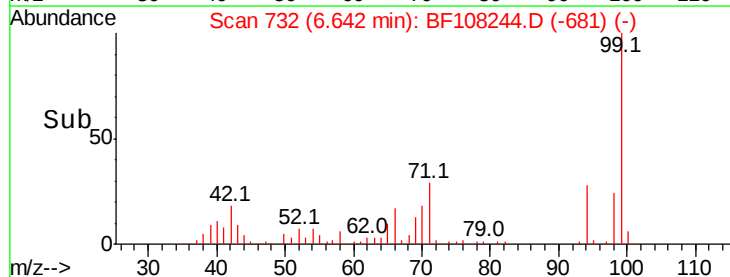
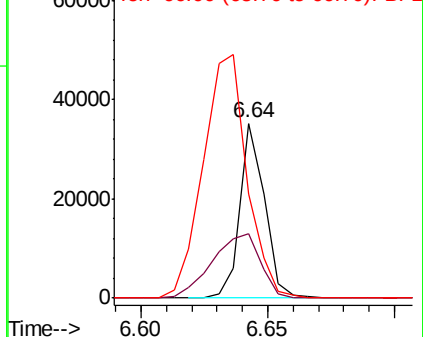
94 100

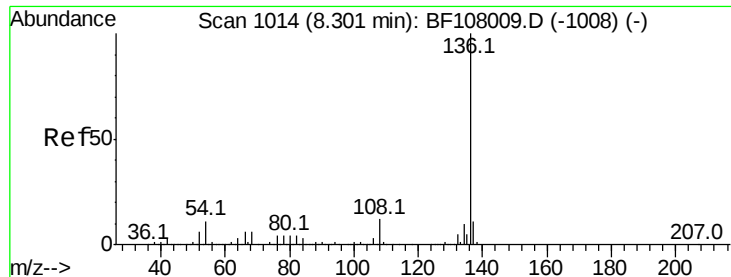
65 36.8 7.9 47.9

66 59.7 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

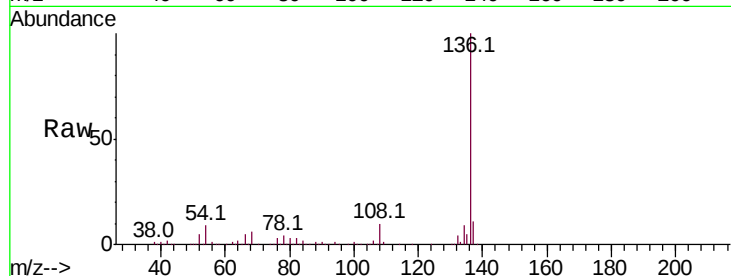




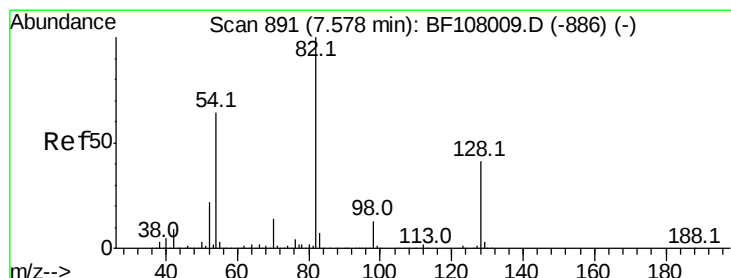
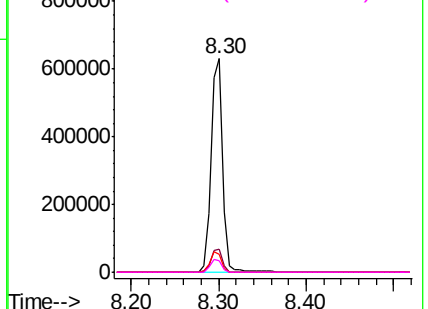
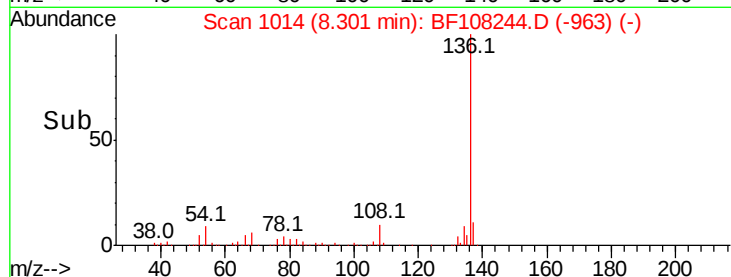
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:136	Resp:	580672
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.6	6.6 9.8
68	5.6	5.0 7.4

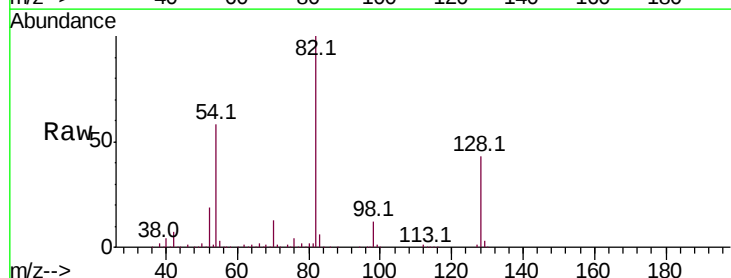


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

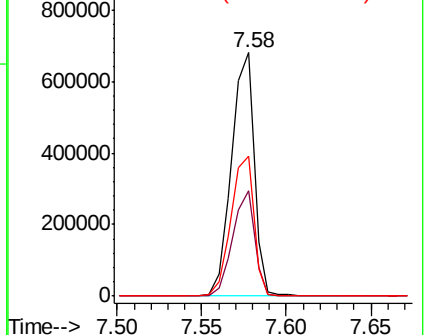
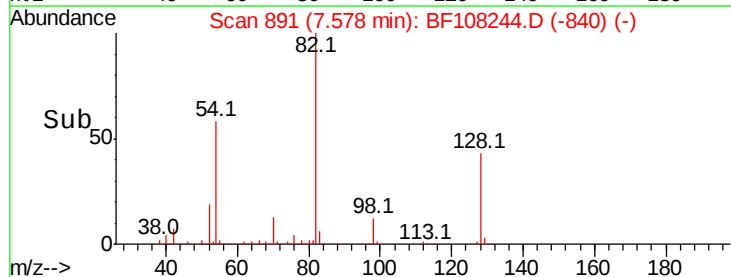


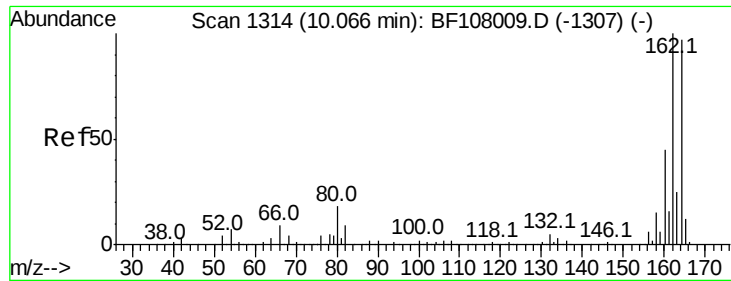
#23
Nitrobenzene-d5
Concen: 61.178 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion: 82	Resp:	636624
Ion	Ratio	Lower Upper
82	100	
128	43.1	36.1 54.1
54	57.6	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

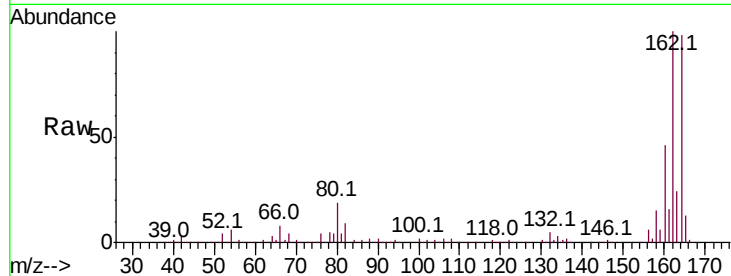




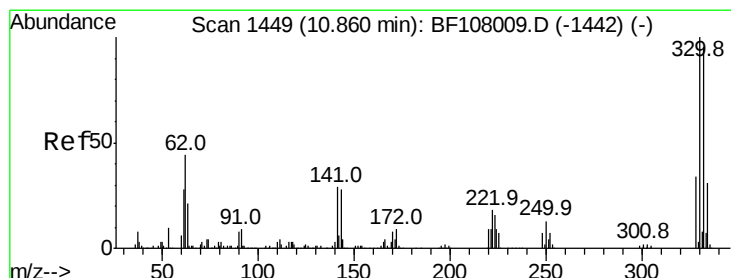
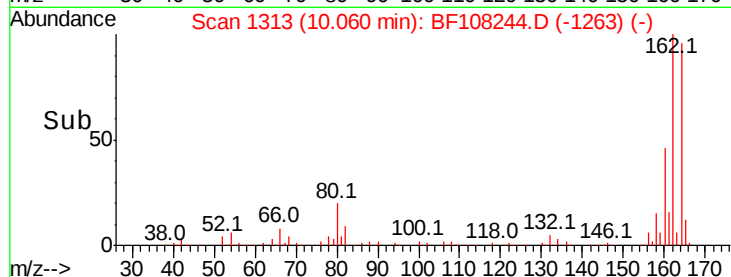
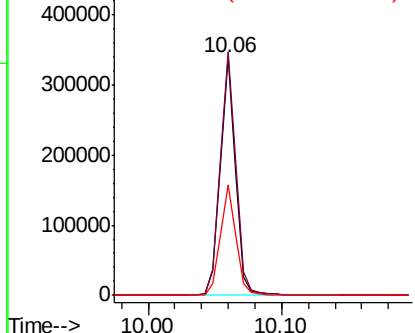
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:164 Resp: 276882
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 46.6 38.3 57.5

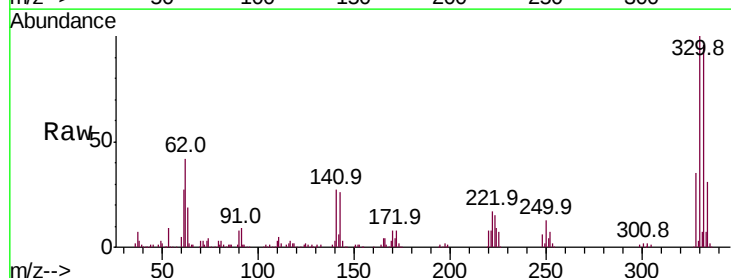


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

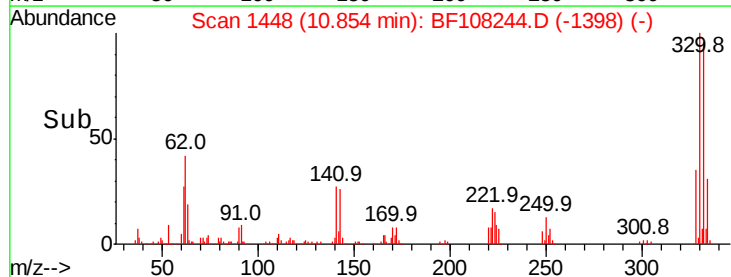
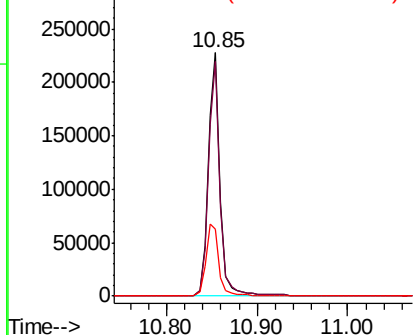


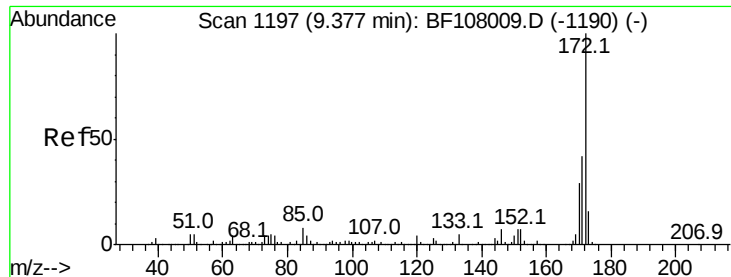
#41
2,4,6-Tribromophenol
Concen: 75.665 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:330 Resp: 208975
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 32.6 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: 65.738 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

Instrument :

BNA_F

ClientSampleId :

TP-2

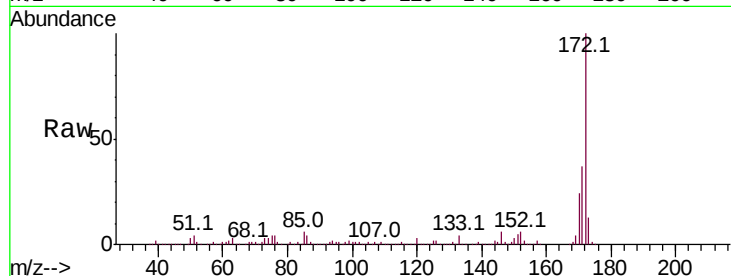
Tot Ion:172 Resp: 1133722

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

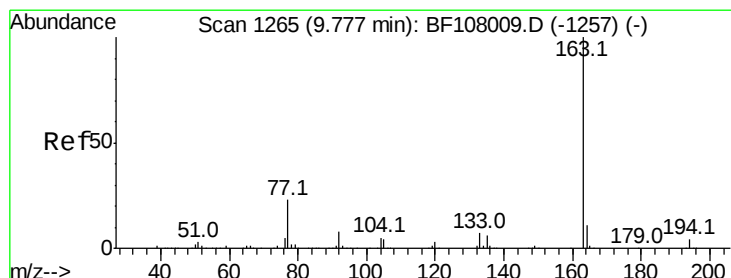
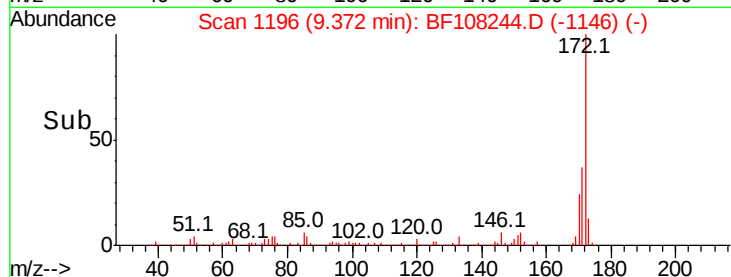
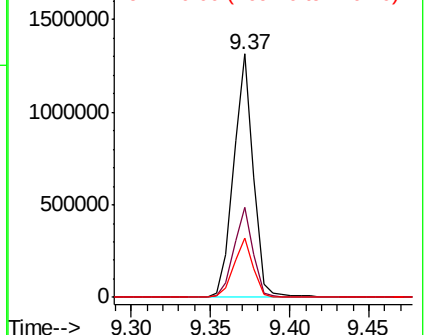
170 24.4 19.6 29.4



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: 4.597 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

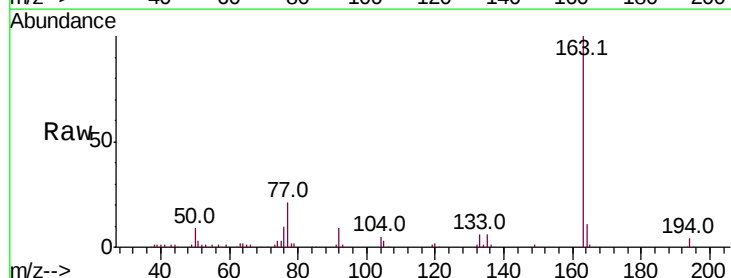
Tgt Ion:163 Resp: 88658

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

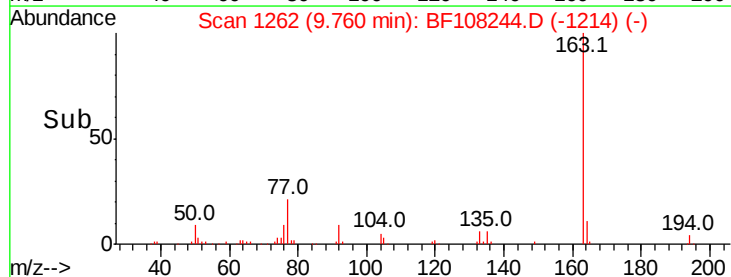
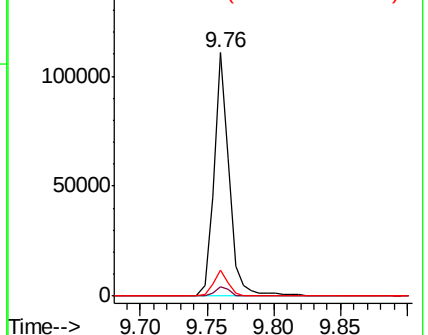
164 10.6 8.2 12.2

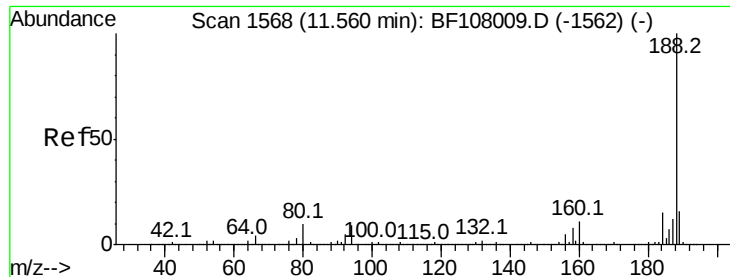


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

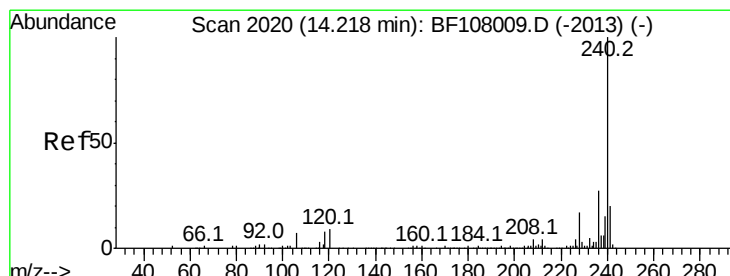
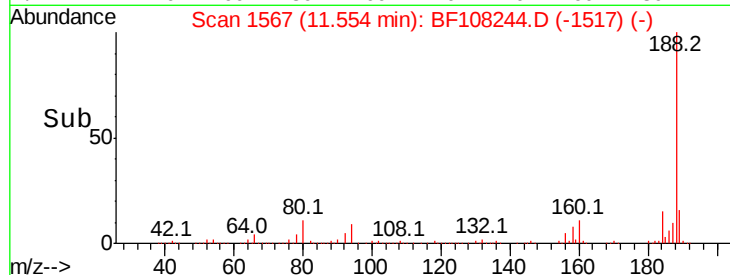
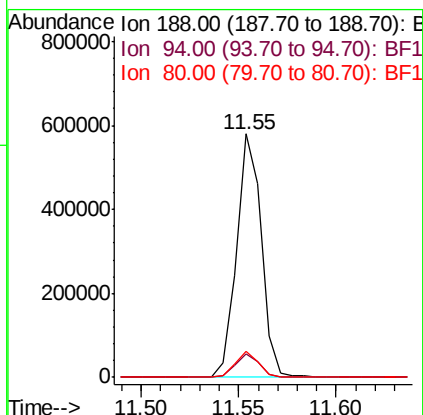
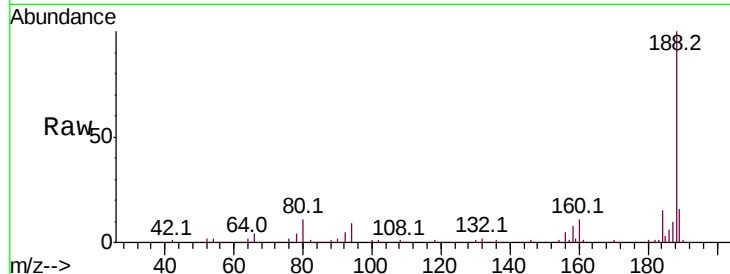




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108244.D
 Acq: 17 Aug 2018 15:42

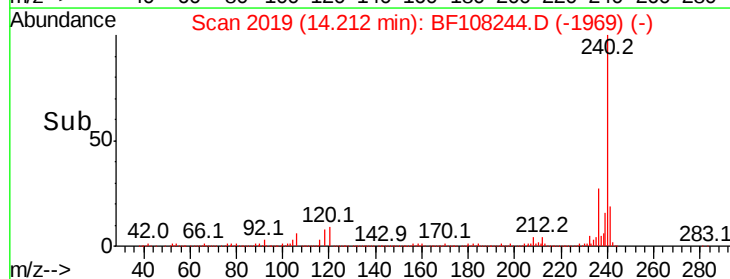
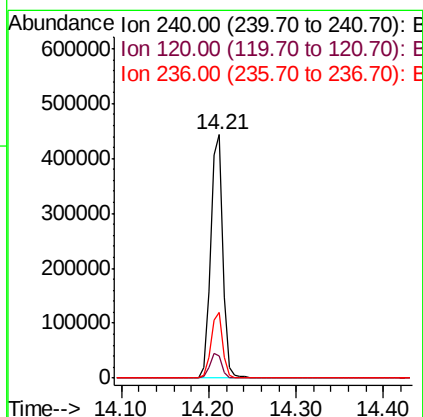
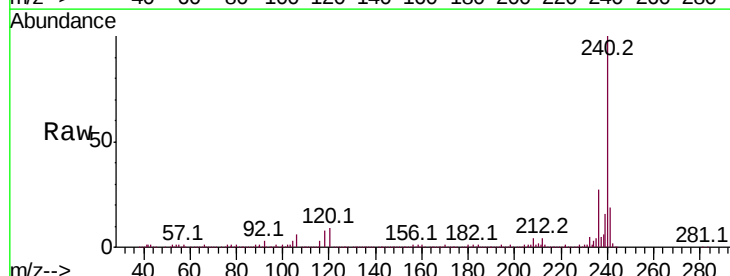
Instrument :
 BNA_F
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 TP-2

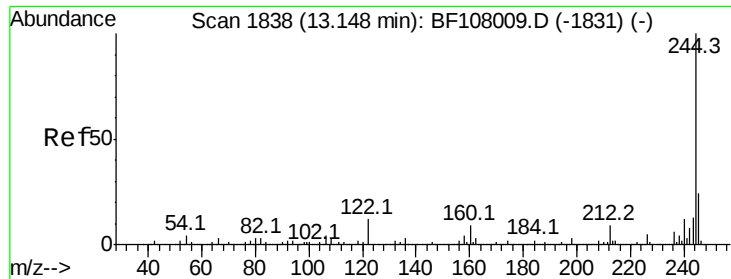
Tot Ion:188 Resp: 508622
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.7 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108244.D
 Acq: 17 Aug 2018 15:42

Tgt Ion:240 Resp: 427938
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.5 14.3#
 236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 65.252 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

Instrument :

BNA_F

ClientSampleId :

TP-2

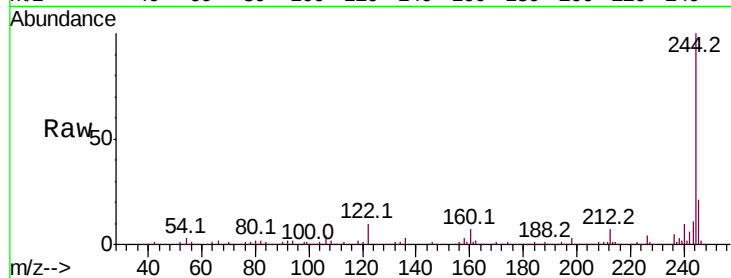
Tot Ion:244 Resp: 1098245

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

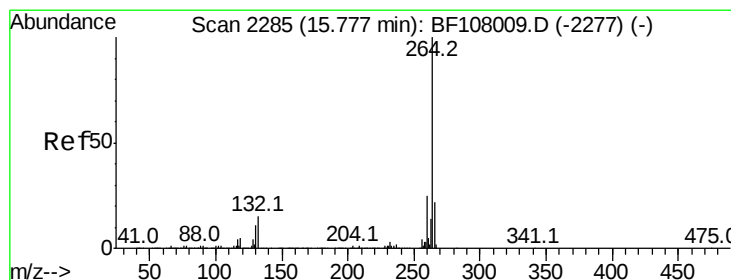
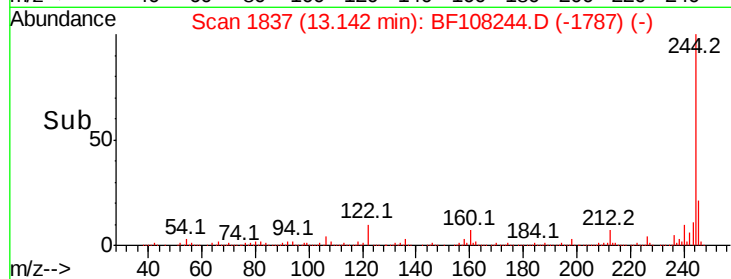
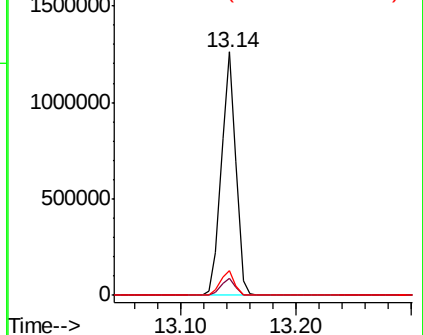
122 10.2 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108244.D

Acq: 17 Aug 2018 15:42

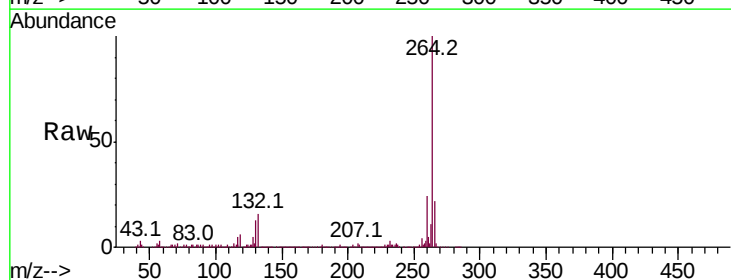
Tgt Ion:264 Resp: 430079

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

