

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109462.D
 Acq On : 29 Sep 2018 6:26
 Operator : JU/SJ
 Sample : J5133-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-B

Quant Time: Oct 01 03:55:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

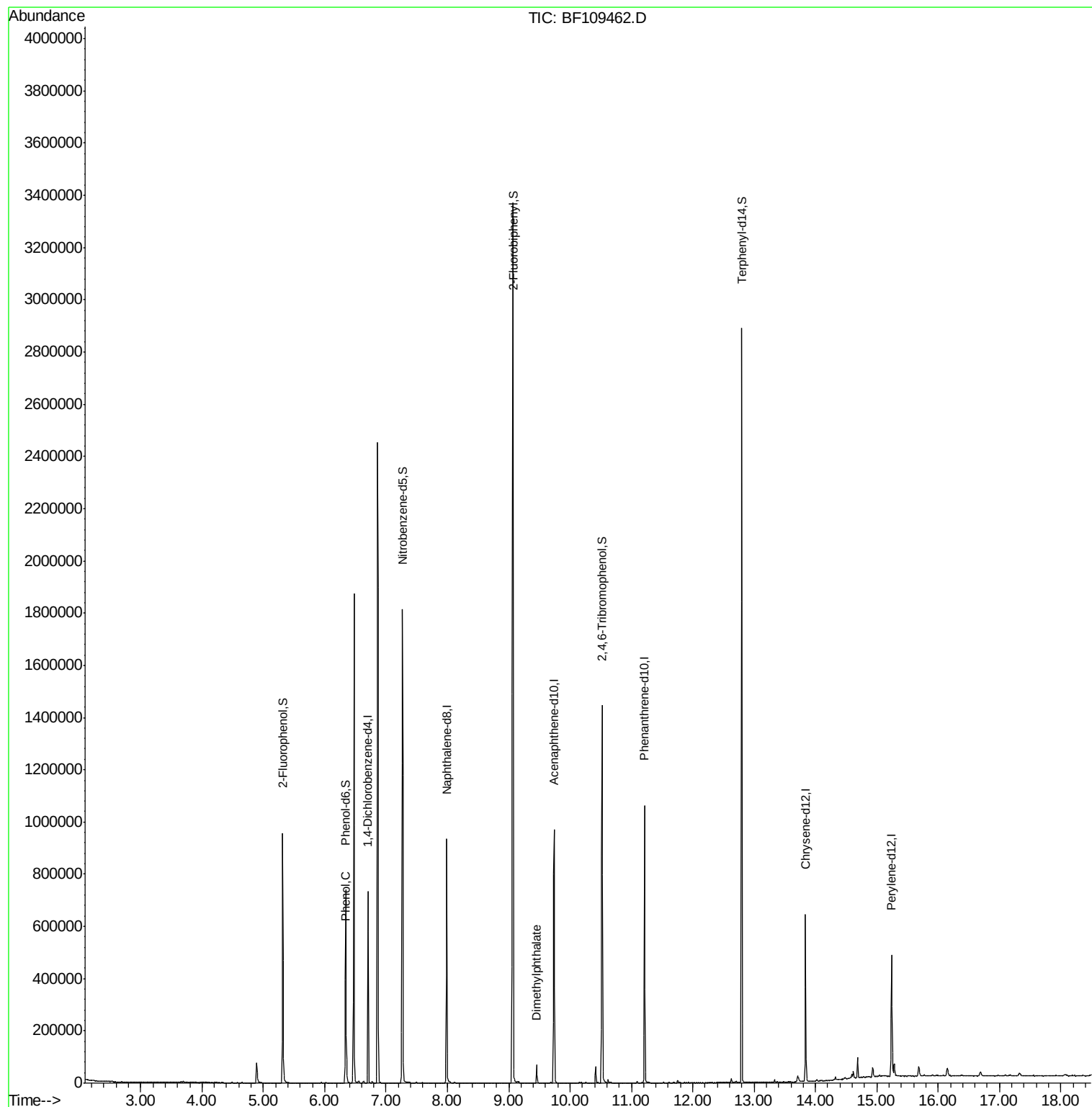
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106193	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	400273	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	190428	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	352193	20.00	ng	0.00
75) Chrysene-d12	13.84	240	209450	20.00	ng	0.00
86) Perylene-d12	15.24	264	217194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	249430	38.69	ng	0.00
7) Phenol-d6	6.34	99	223595	27.18	ng	-0.02
23) Nitrobenzene-d5	7.27	82	646767	95.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	164420	87.59	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1149874	91.07	ng	0.00
78) Terphenyl-d14	12.80	244	1042777	122.18	ng	0.00
Target Compounds						
10) Phenol	6.35	94	25621	2.750	ng	93
49) Dimethylphthalate	9.46	163	29197	2.108	ng	98

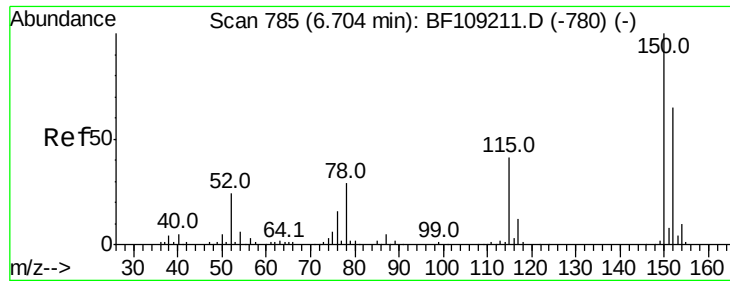
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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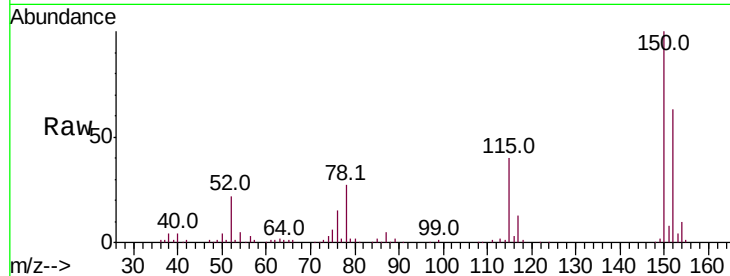


#1

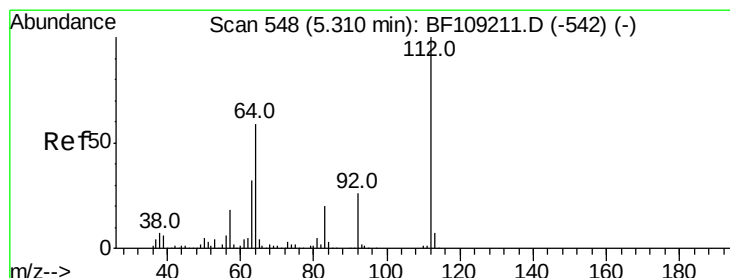
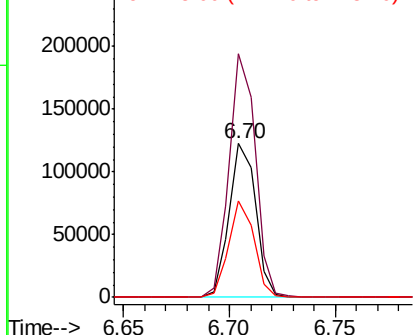
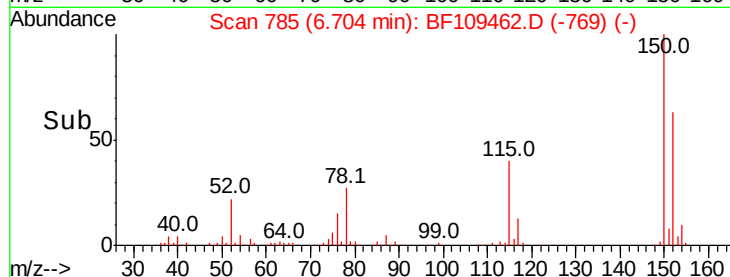
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109462.D
 Acq: 29 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-B

Tot Ion:152 Resp: 106193
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 63.0 50.1 75.1



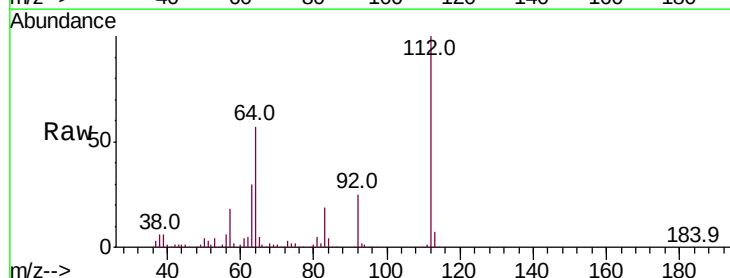
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



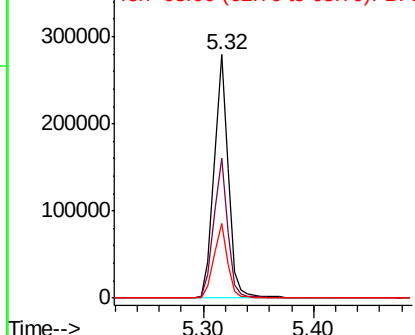
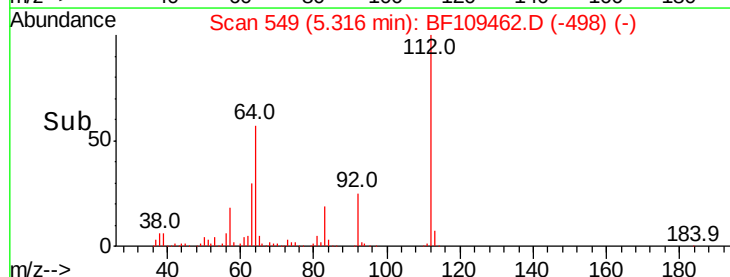
#5

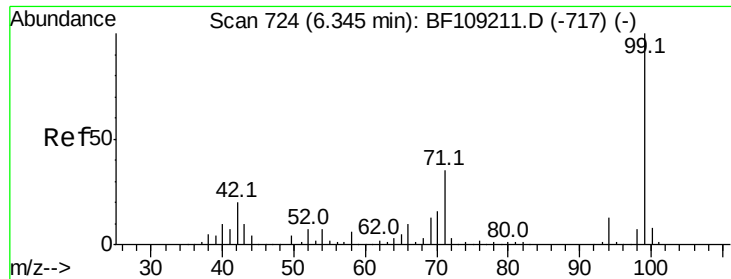
2-Fluorophenol
 Concen: 38.687 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109462.D
 Acq: 29 Sep 2018 6:26

Tgt Ion:112 Resp: 249430
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 30.5 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: 27.178 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109462.D

Acq: 29 Sep 2018 6:26

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-B

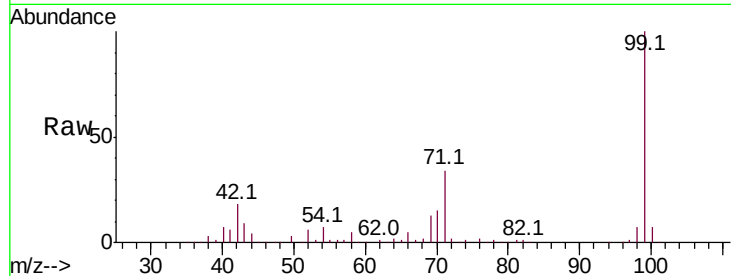
Tot Ion: 99 Resp: 223595

Ion Ratio Lower Upper

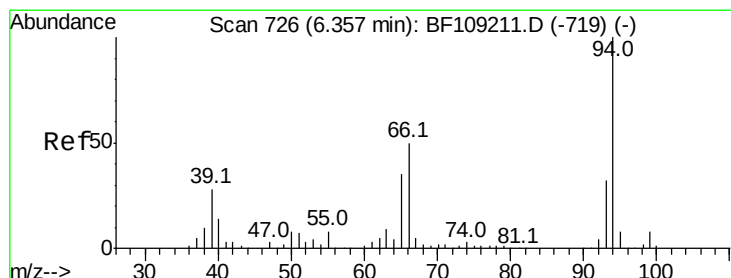
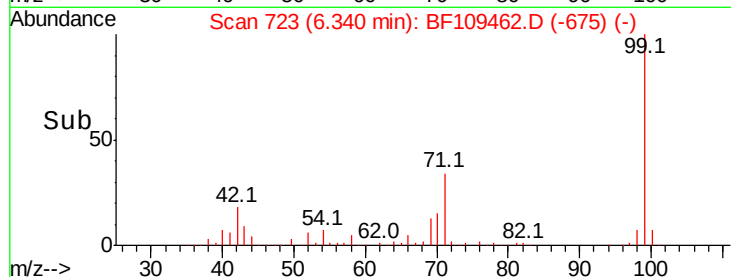
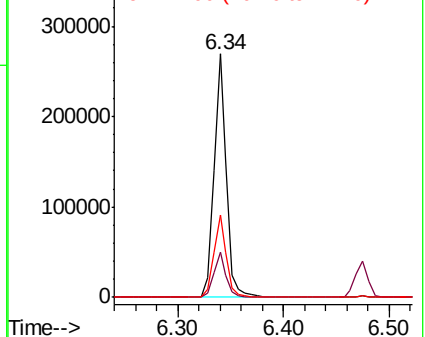
99 100

42 18.3 14.5 21.7

71 33.8 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: 2.750 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109462.D

Acq: 29 Sep 2018 6:26

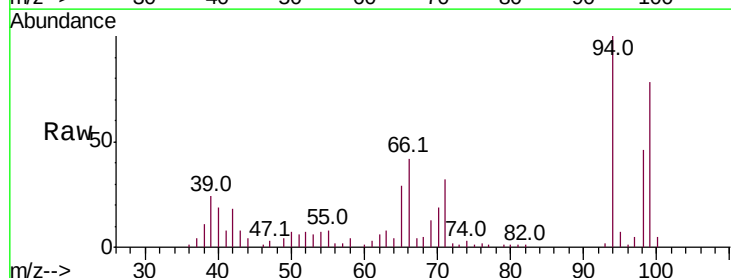
Tgt Ion: 94 Resp: 25621

Ion Ratio Lower Upper

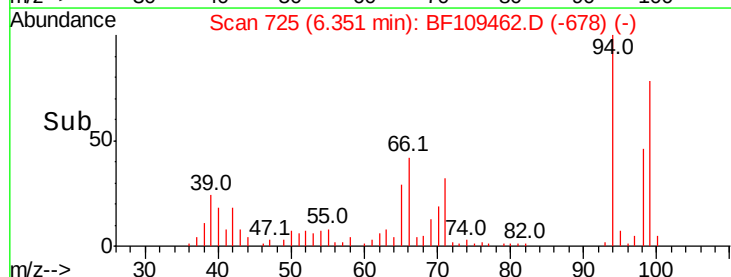
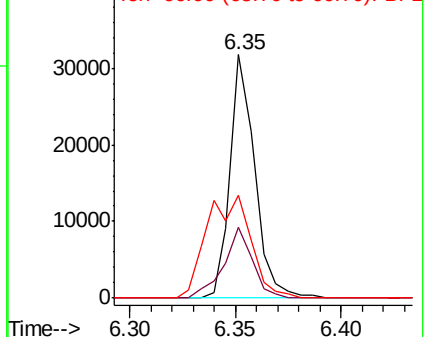
94 100

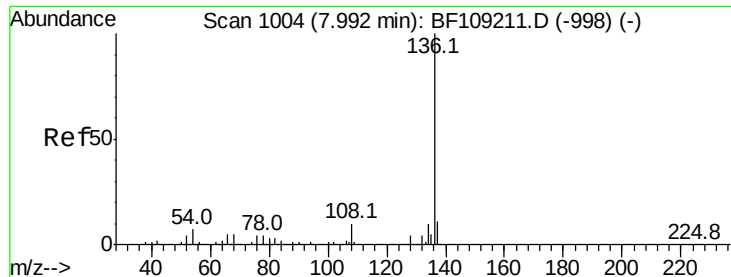
65 29.2 7.9 47.9

66 42.3 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

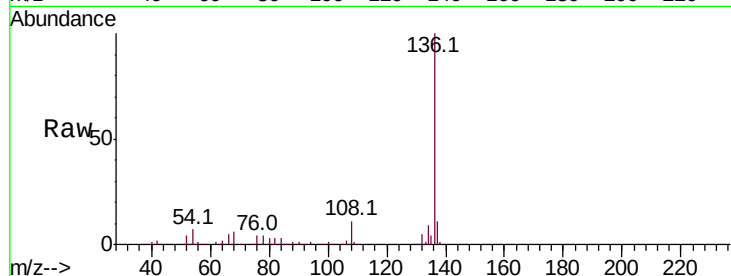




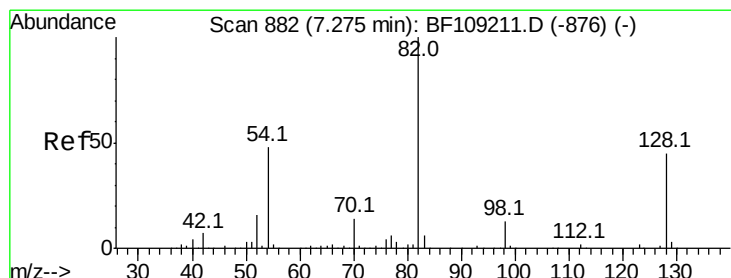
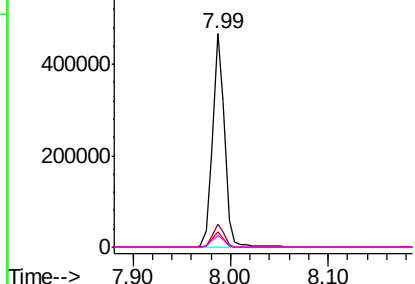
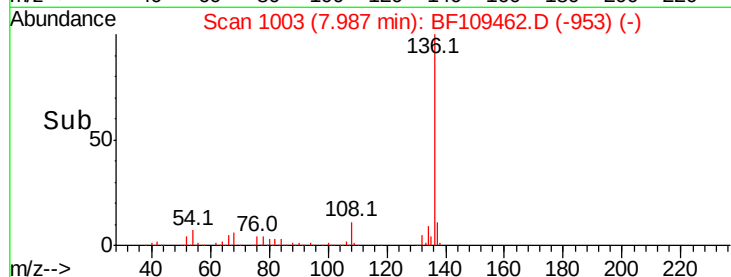
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-B

Tot Ion:136	Resp:	400273
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.2	6.6 9.8
68	5.5	5.0 7.4

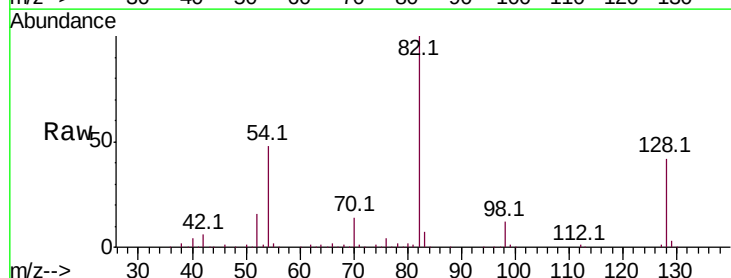


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

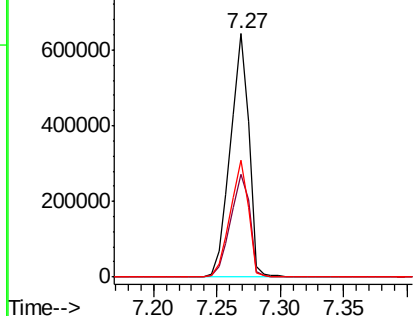
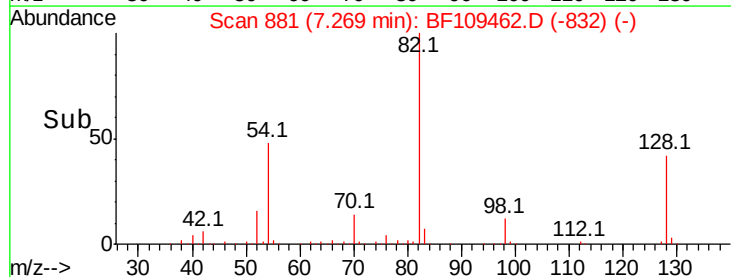


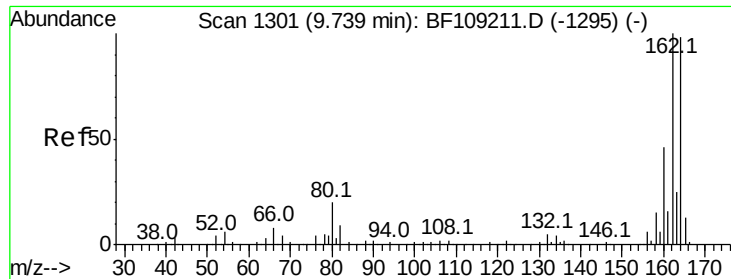
#23
Nitrobenzene-d5
Concen: 95.384 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

Tgt Ion: 82	Resp:	646767
Ion Ratio	Lower	Upper
82	100	
128	42.2	36.1 54.1
54	47.9	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

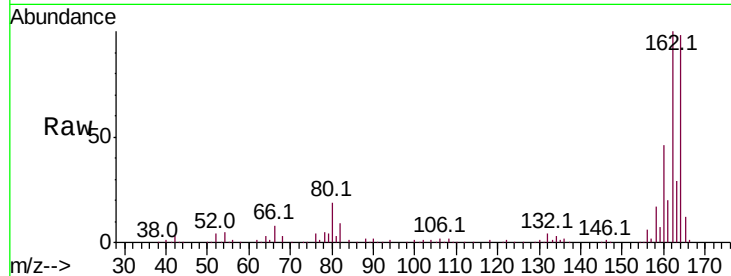




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.4	38.3	57.5

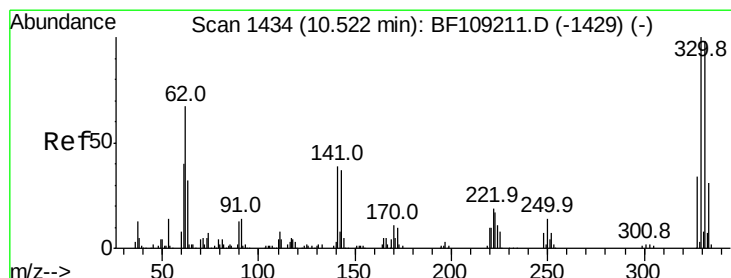
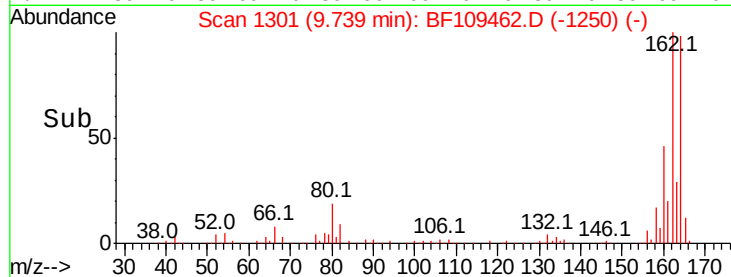
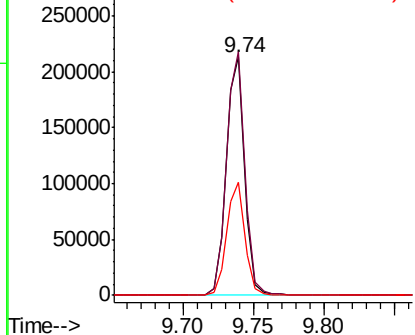


Abundance

Ion 164.00 (163.70 to 164.70): E

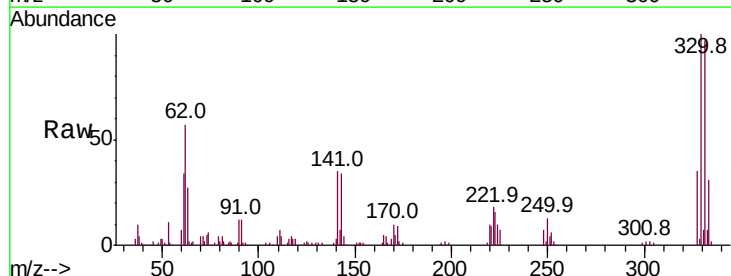
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 87.587 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.6	29.9	44.9

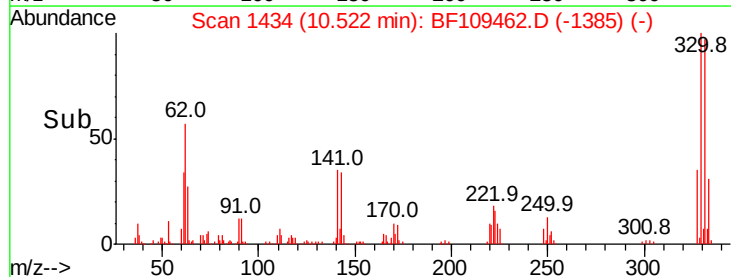
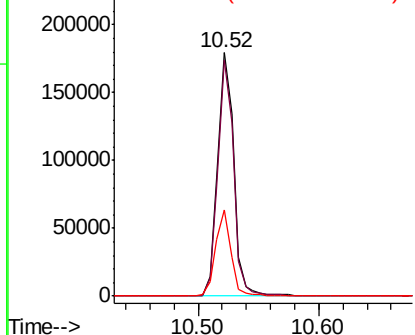


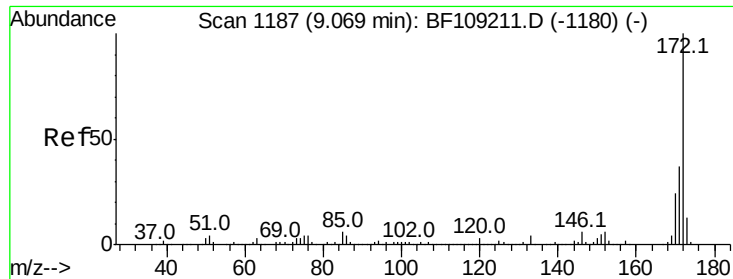
Abundance

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



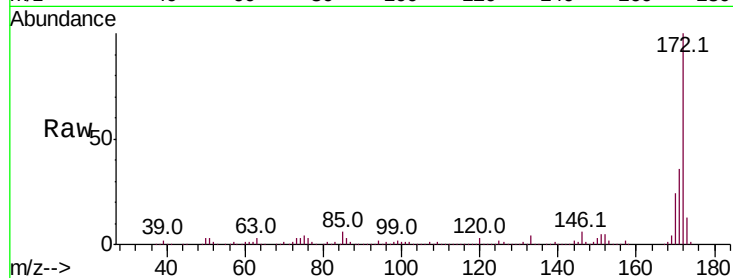


#44
 2-Fluorobiphenyl
 Concen: 91.070 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109462.D
 Acq: 29 Sep 2018 6:26

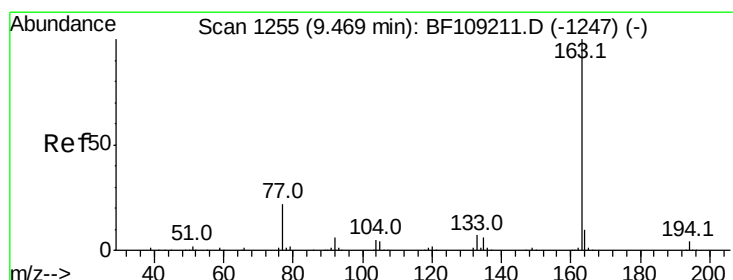
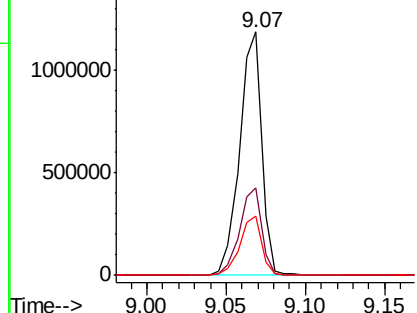
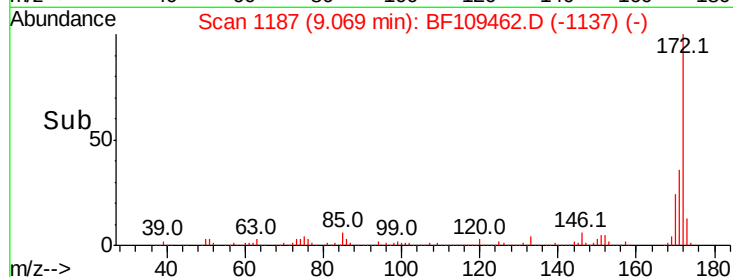
Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-B

Tot Ion:172 Resp: 1149874

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4



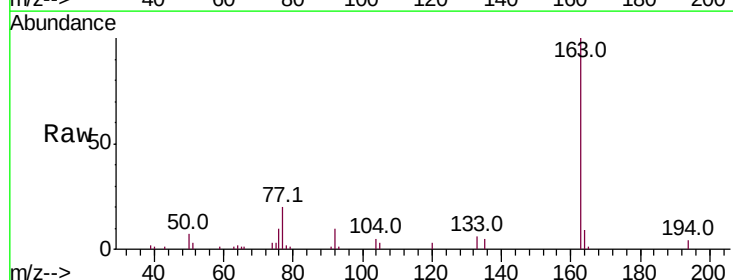
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



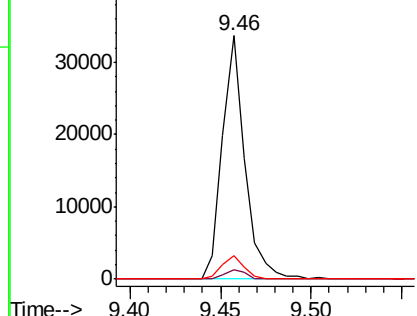
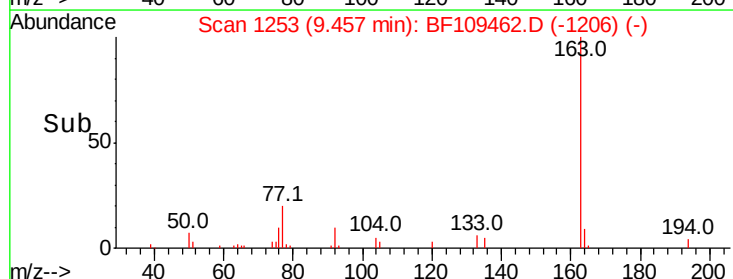
#49
 Dimethylphthalate
 Concen: 2.108 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109462.D
 Acq: 29 Sep 2018 6:26

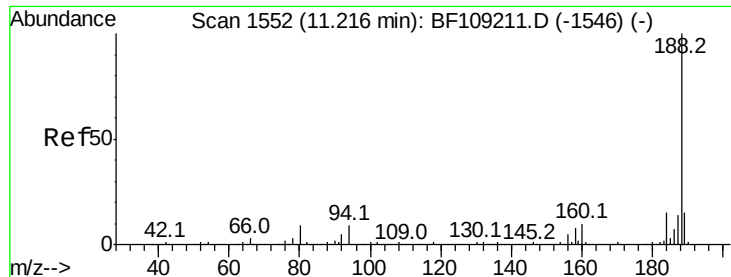
Tgt Ion:163 Resp: 29197

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.4	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

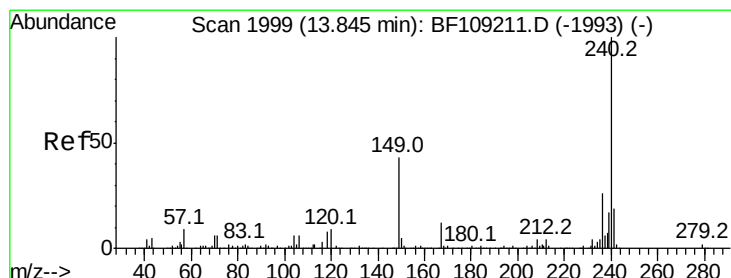
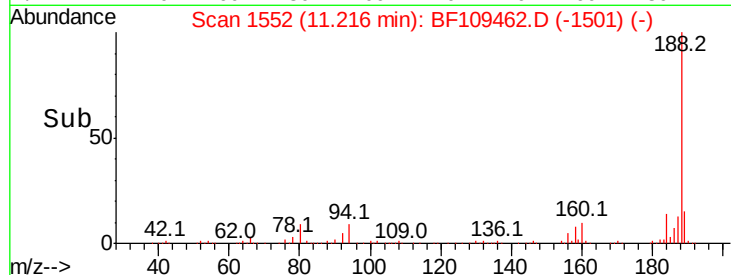
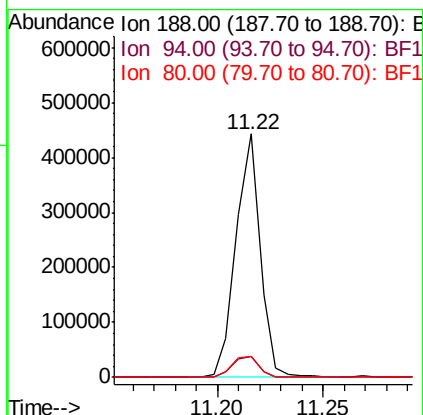
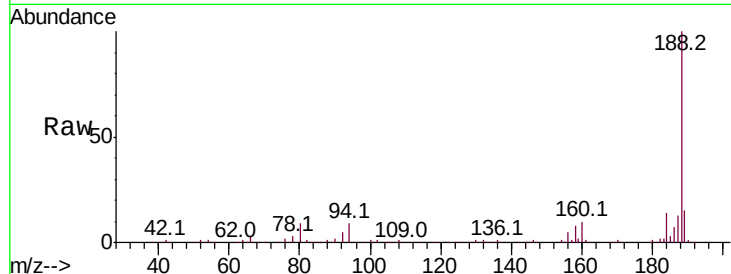




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

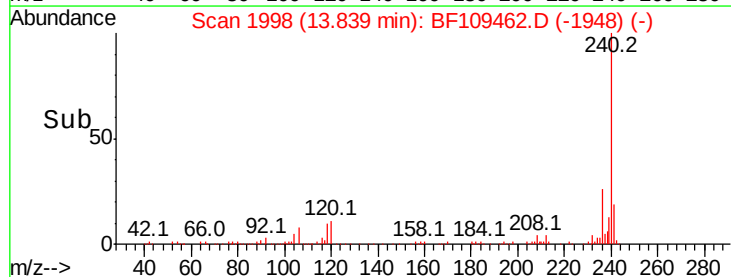
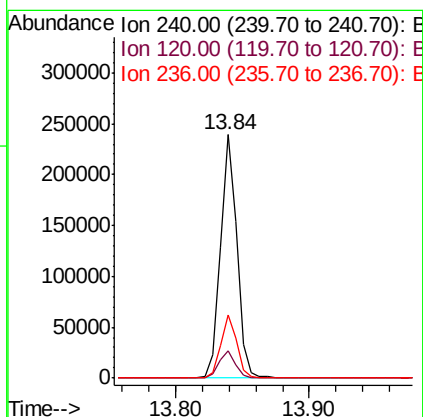
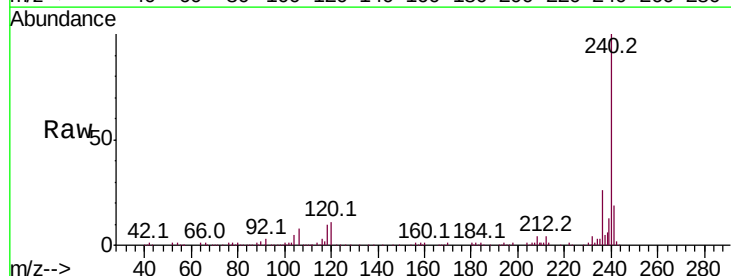
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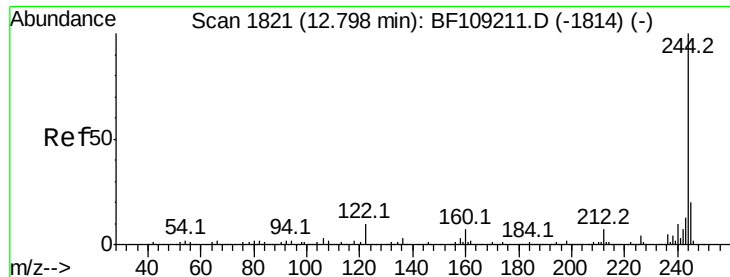
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.8	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109462.D
Acq: 29 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 122.184 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109462.D

Acq: 29 Sep 2018 6:26

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-B

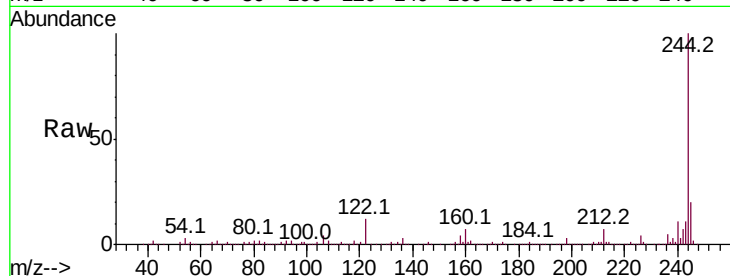
Tot Ion:244 Resp: 1042777

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

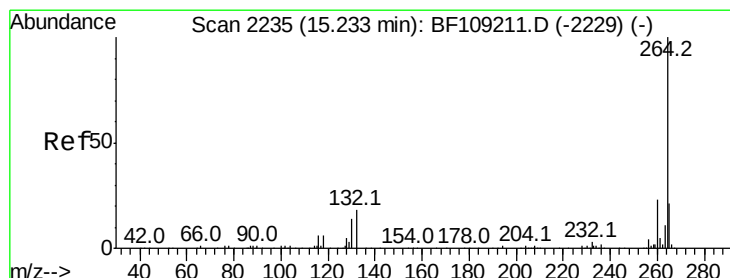
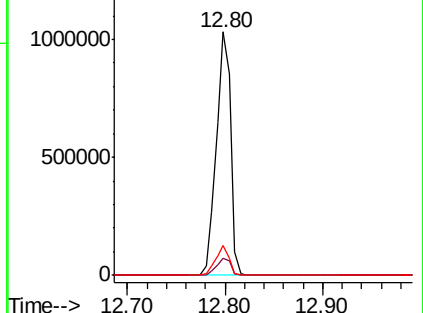
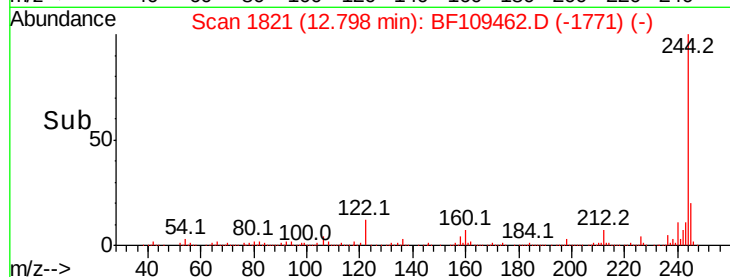
122 12.1 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109462.D

Acq: 29 Sep 2018 6:26

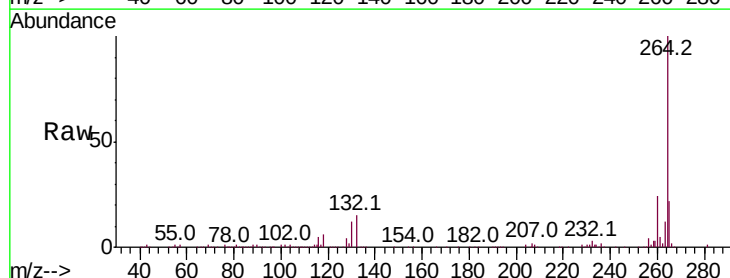
Tgt Ion:264 Resp: 217194

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

