

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110673.D
 Acq On : 12 Nov 2018 14:41
 Operator : JU/SJ
 Sample : J5888-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HG-CON-2

Quant Time: Nov 12 16:36:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

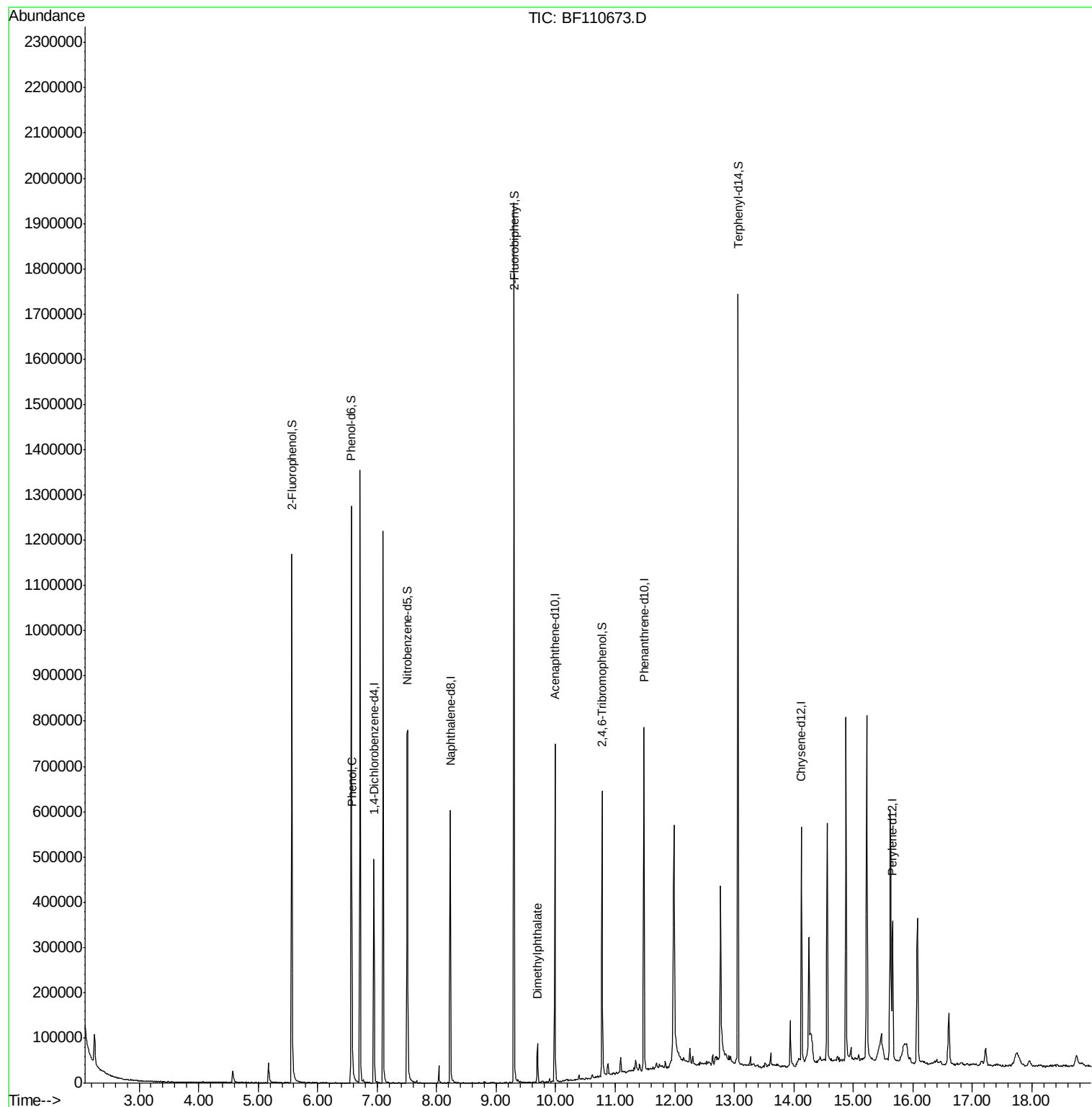
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73976	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	304175	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	145672	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	272118	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168463	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	330807	72.64	ng	0.00
7) Phenol-d6	6.57	99	429662	73.78	ng	0.00
23) Nitrobenzene-d5	7.50	82	276641	52.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	70427	47.98	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	556582	54.57	ng	0.00
79) Terphenyl-d14	13.06	244	523472	58.19	ng	0.00
Target Compounds						
10) Phenol	6.58	94	13863	2.053	ng	Qvalue # 71
50) Dimethylphthalate	9.69	163	34722	3.194	ng	100

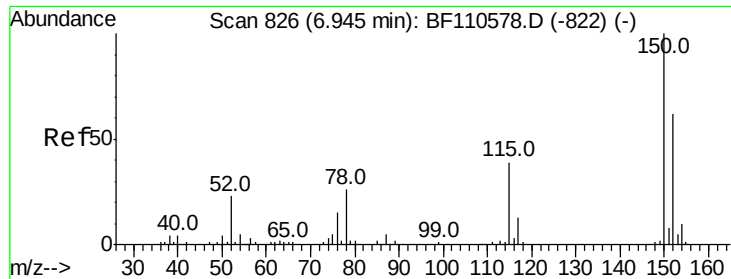
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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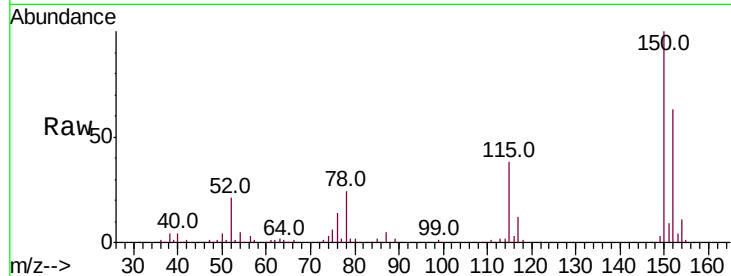


#1

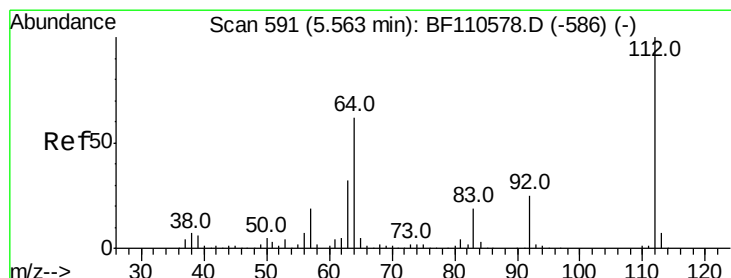
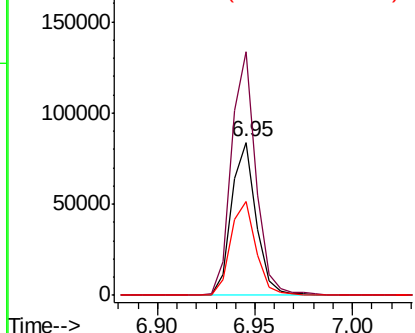
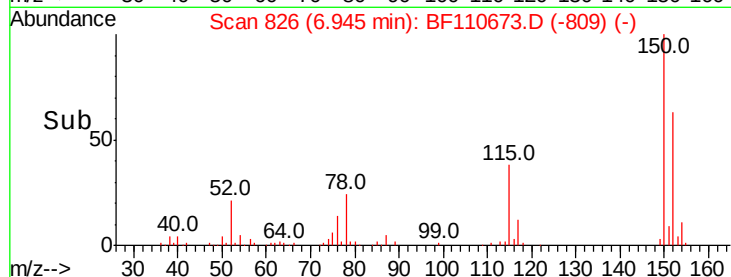
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HG-CON-2

Tot Ion:152 Resp: 73976
 Ion Ratio Lower Upper
 152 100
 150 158.7 122.7 184.1
 115 61.0 49.1 73.7



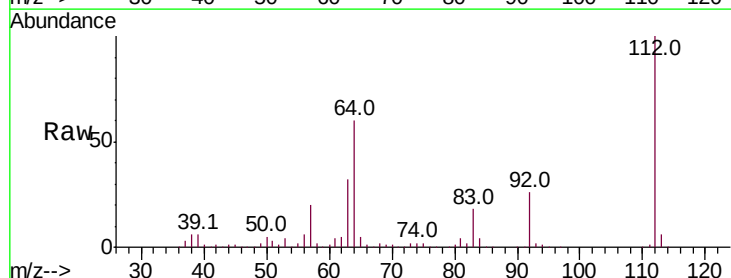
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



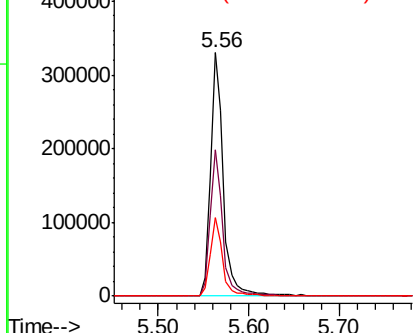
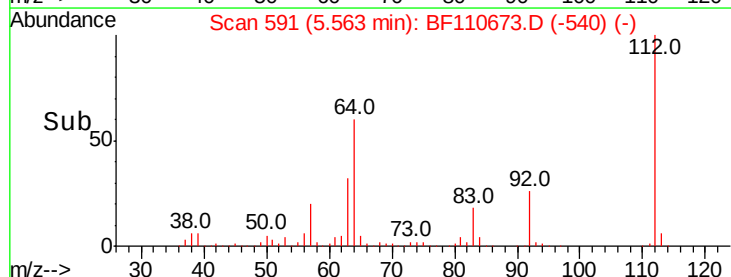
#5

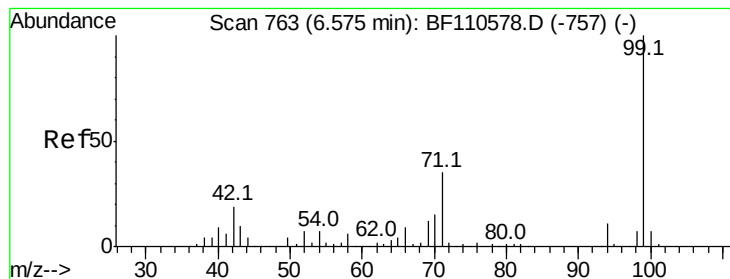
2-Fluorophenol
 Concen: 72.636 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Tgt Ion:112 Resp: 330807
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 32.4 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: 73.776 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HG-CON-2

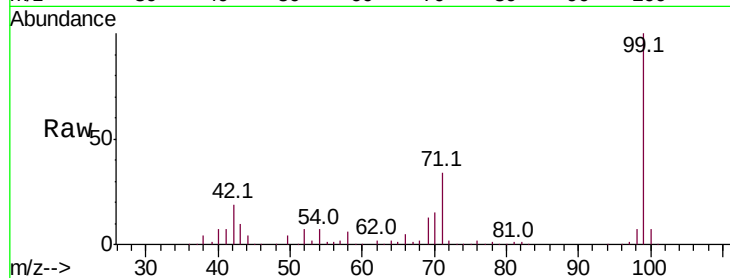
Tot Ion: 99 Resp: 429662

Ion Ratio Lower Upper

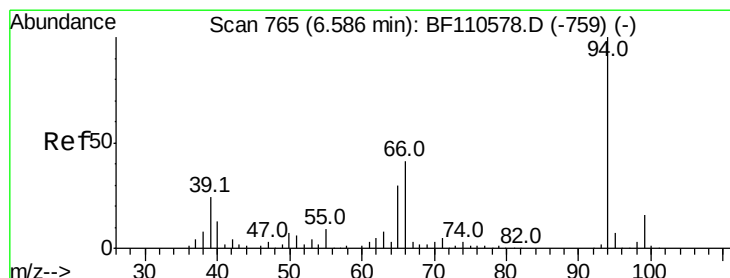
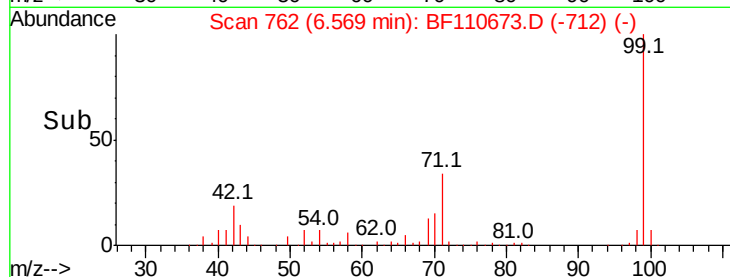
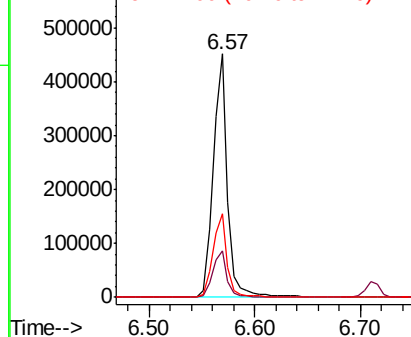
99 100

42 18.9 15.8 23.6

71 34.3 28.0 42.0



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: 2.053 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

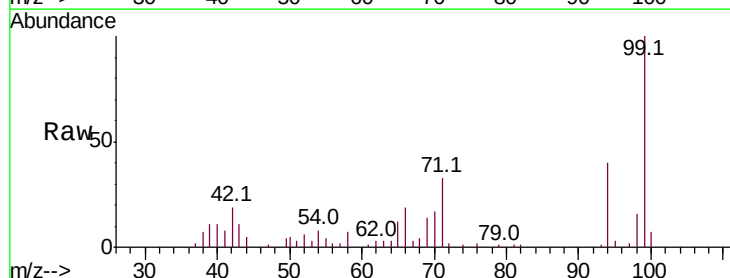
Tgt Ion: 94 Resp: 13863

Ion Ratio Lower Upper

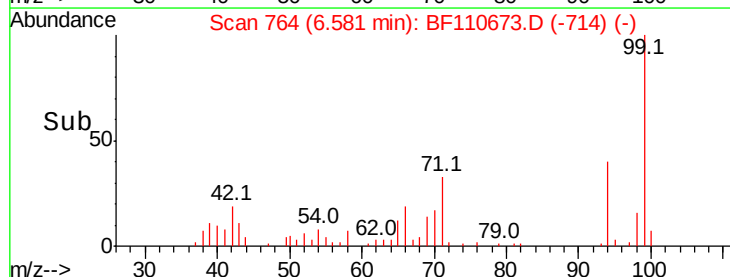
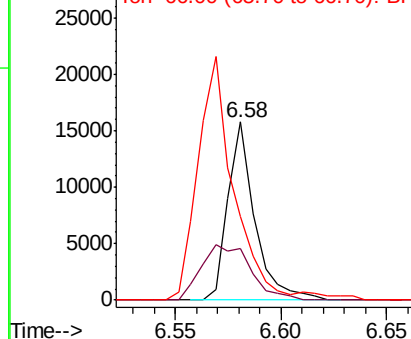
94 100

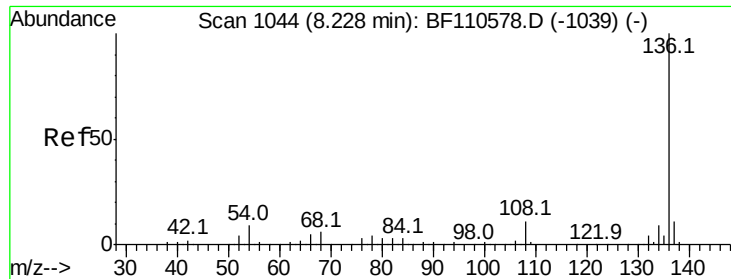
65 29.0 25.3 65.3

66 47.3 54.5 94.5#



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

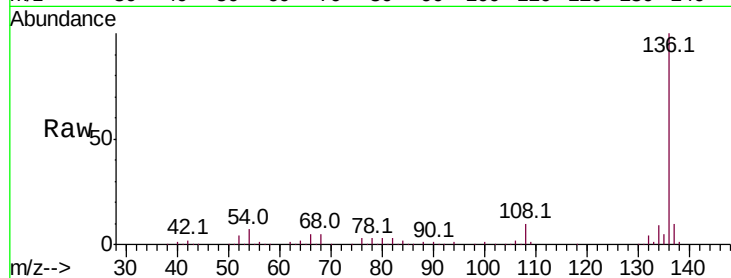




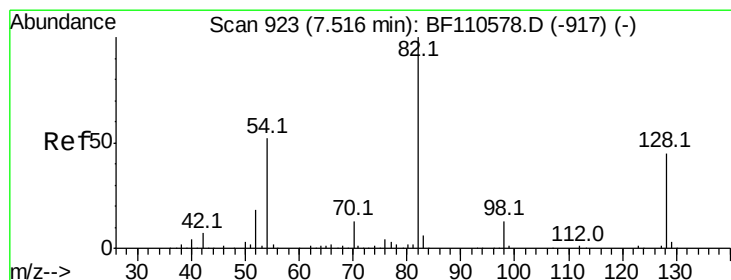
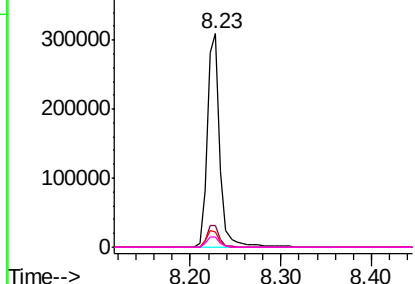
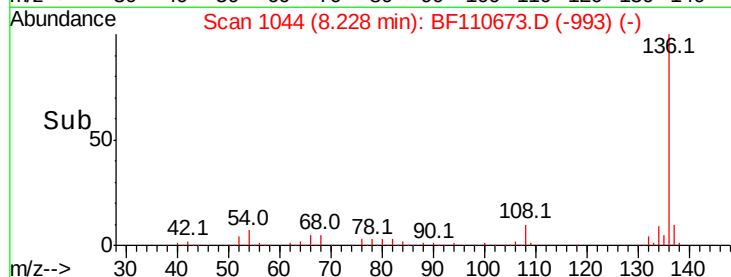
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Instrument :
BNA_F
ClientSampleId :
HG-CON-2

Tot Ion:	136	Resp:	304175
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.2	5.4	8.2
68	4.8	4.2	6.2

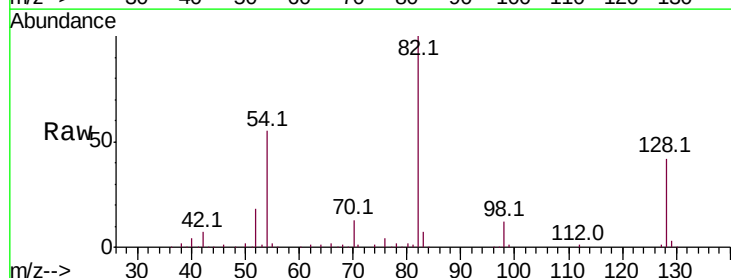


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

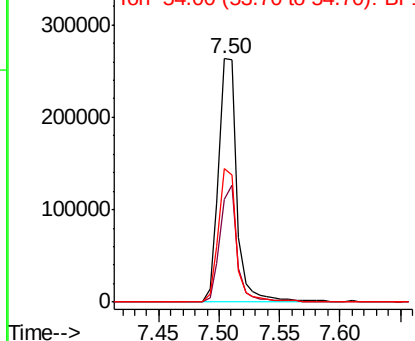
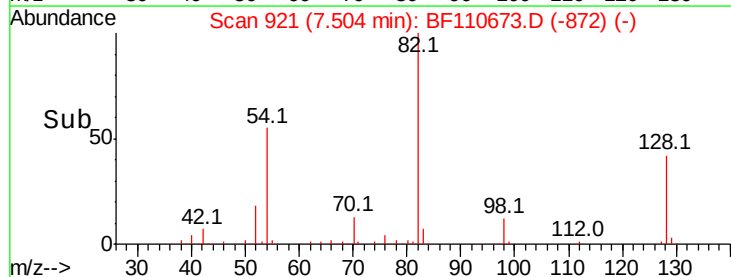


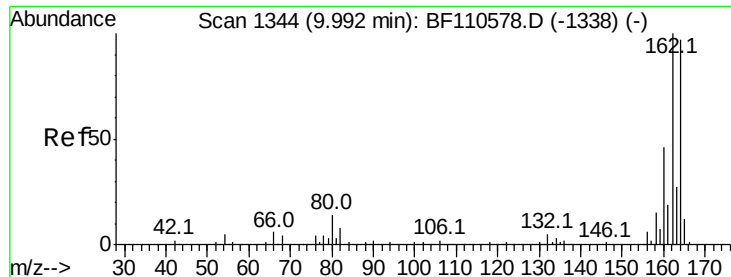
#23
Nitrobenzene-d5
Concen: 52.377 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Tgt Ion:	82	Resp:	276641
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.2	51.2
54	54.6	38.6	58.0



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

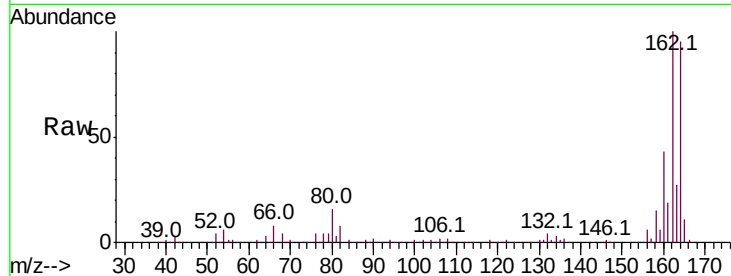




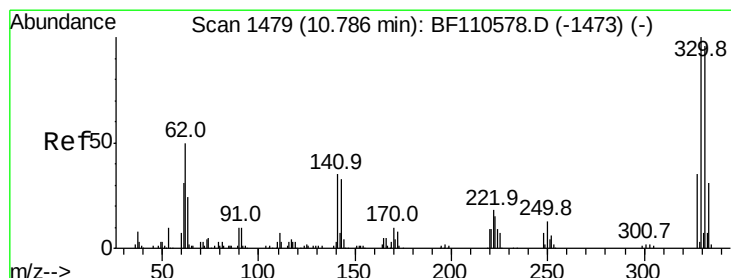
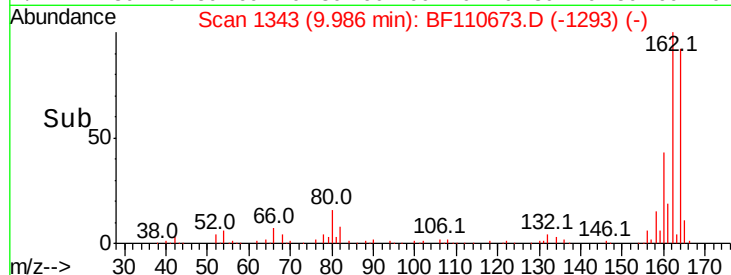
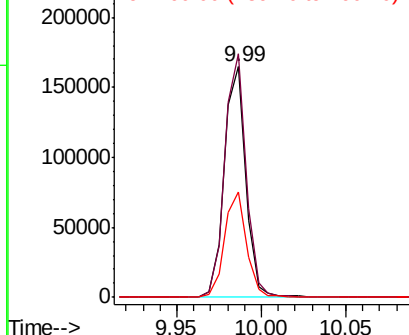
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Instrument :
BNA_F
ClientSampleId :
HG-CON-2

Tot Ion:164 Resp: 145672
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.6
160 45.7 37.0 55.6

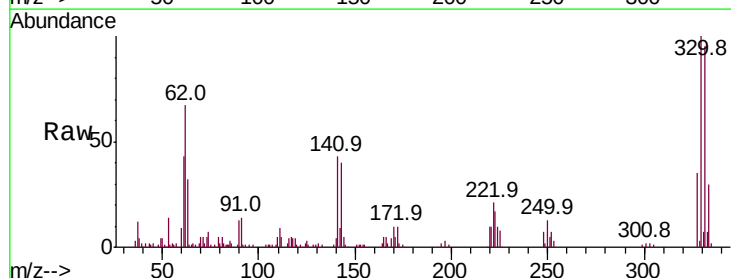


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

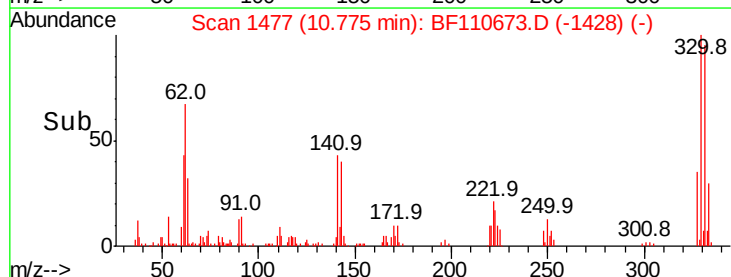
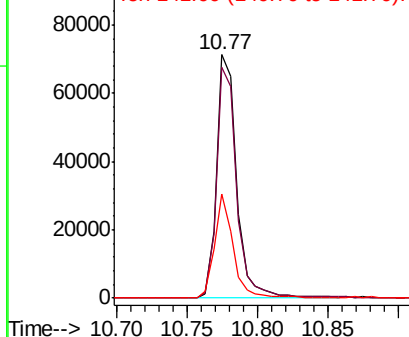


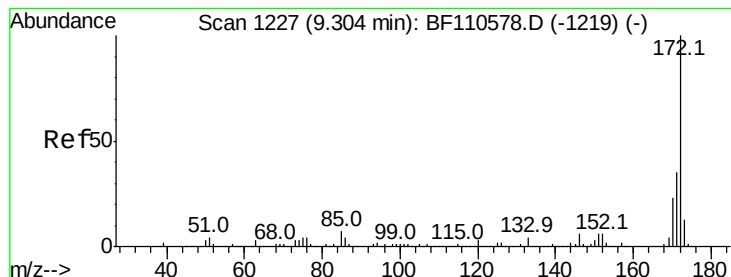
#42
2,4,6-Tribromophenol
Concen: 47.980 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Tgt Ion:330 Resp: 70427
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 39.4 27.0 40.4



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





#45

2-Fluorobiphenyl

Concen: 54.568 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HG-CON-2

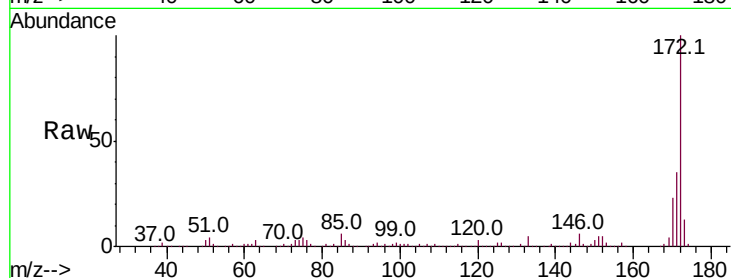
Tot Ion:172 Resp: 556582

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

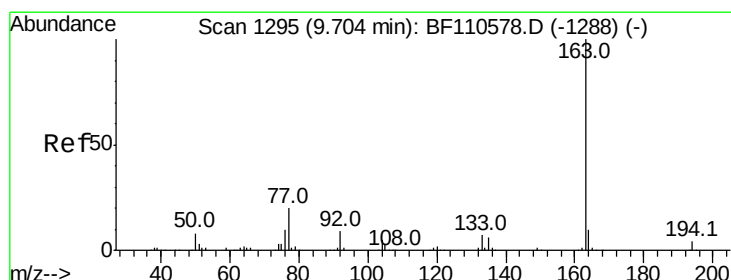
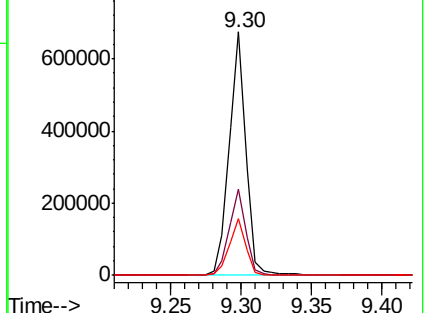
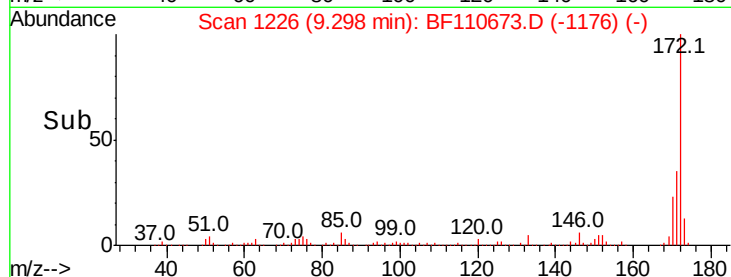
170 23.3 19.7 29.5



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



#50

Dimethylphthalate

Concen: 3.194 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

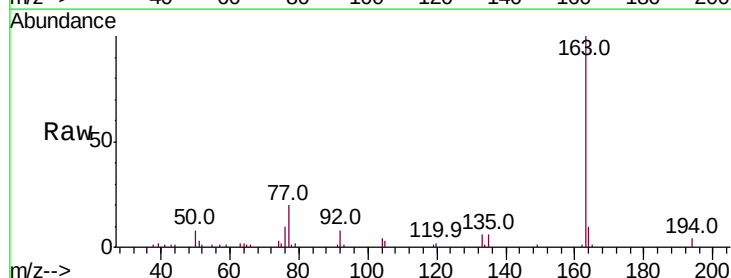
Tgt Ion:163 Resp: 34722

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

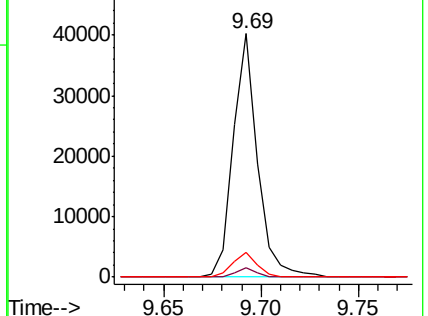
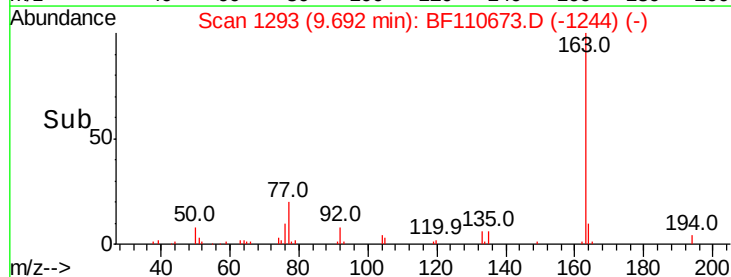
164 10.1 8.1 12.1

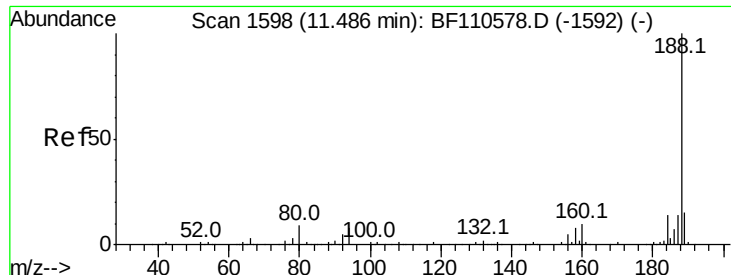


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HG-CON-2

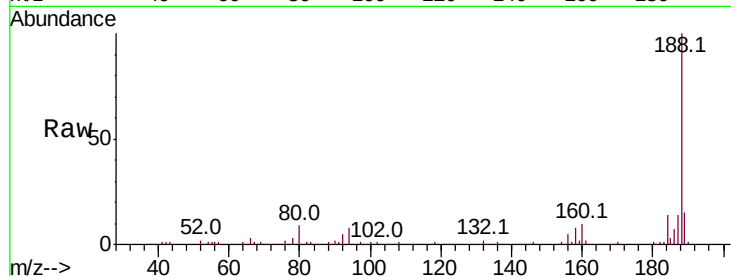
Tot Ion:188 Resp: 272118

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

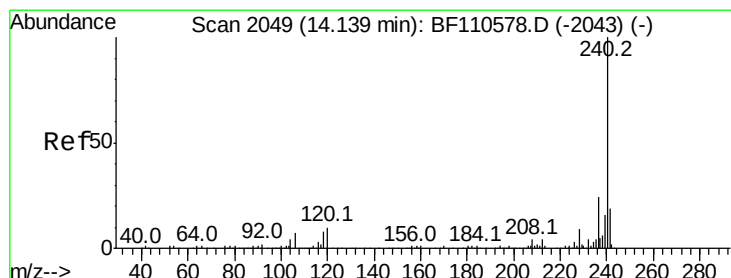
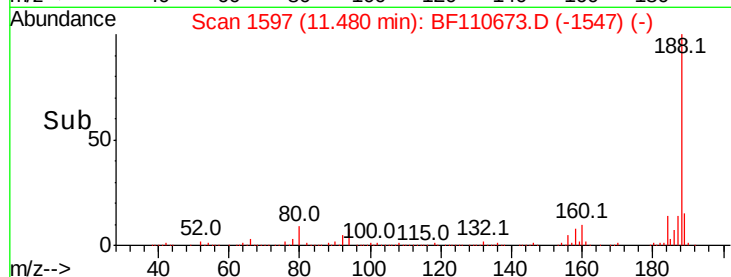
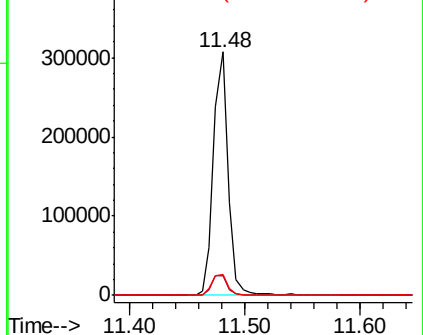
80 8.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

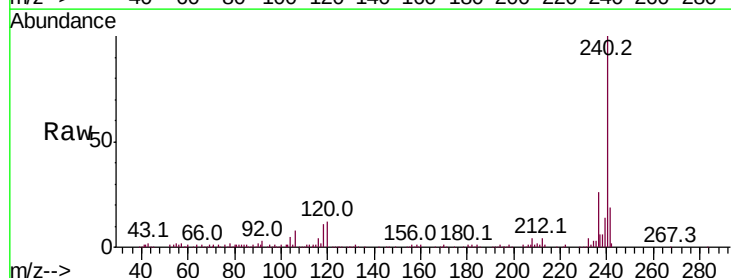
Tgt Ion:240 Resp: 168463

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

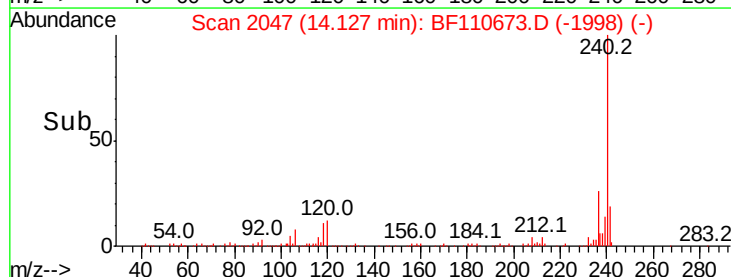
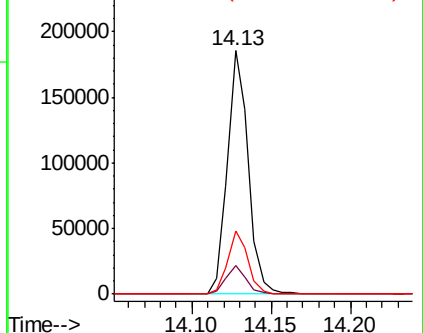
236 25.8 21.2 31.8

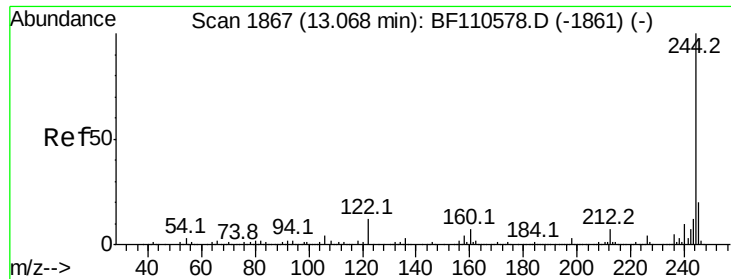


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.193 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HG-CON-2

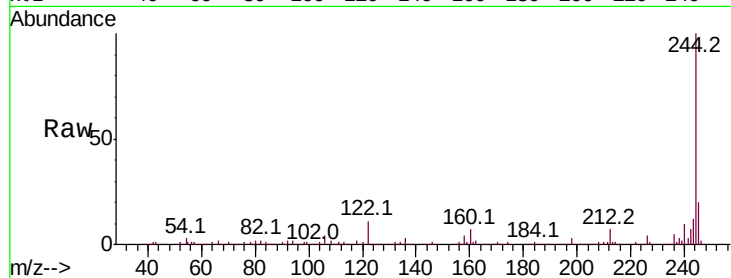
Tot Ion:244 Resp: 523472

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

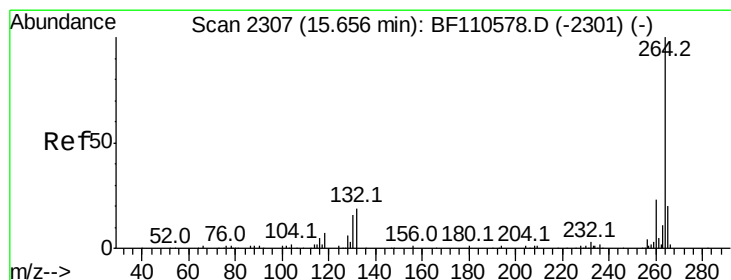
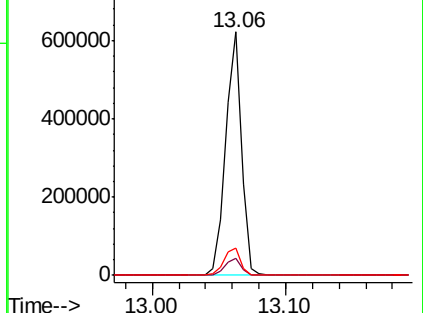
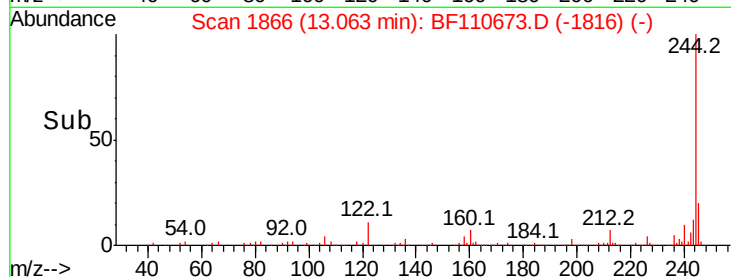
122 11.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

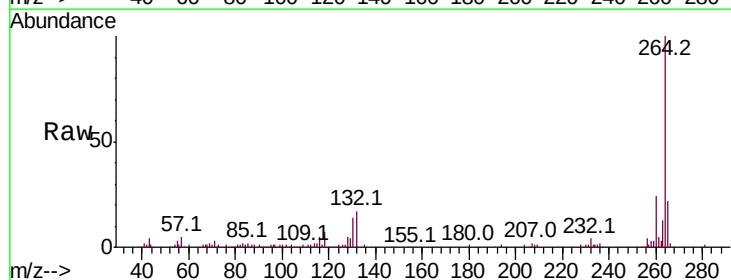
Tgt Ion:264 Resp: 148784

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 16.7 25.1



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

