

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109259.D
 Acq On : 24 Sep 2018 11:38
 Operator : JU/SJ
 Sample : J5021-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-E

Quant Time: Sep 24 15:36:57 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

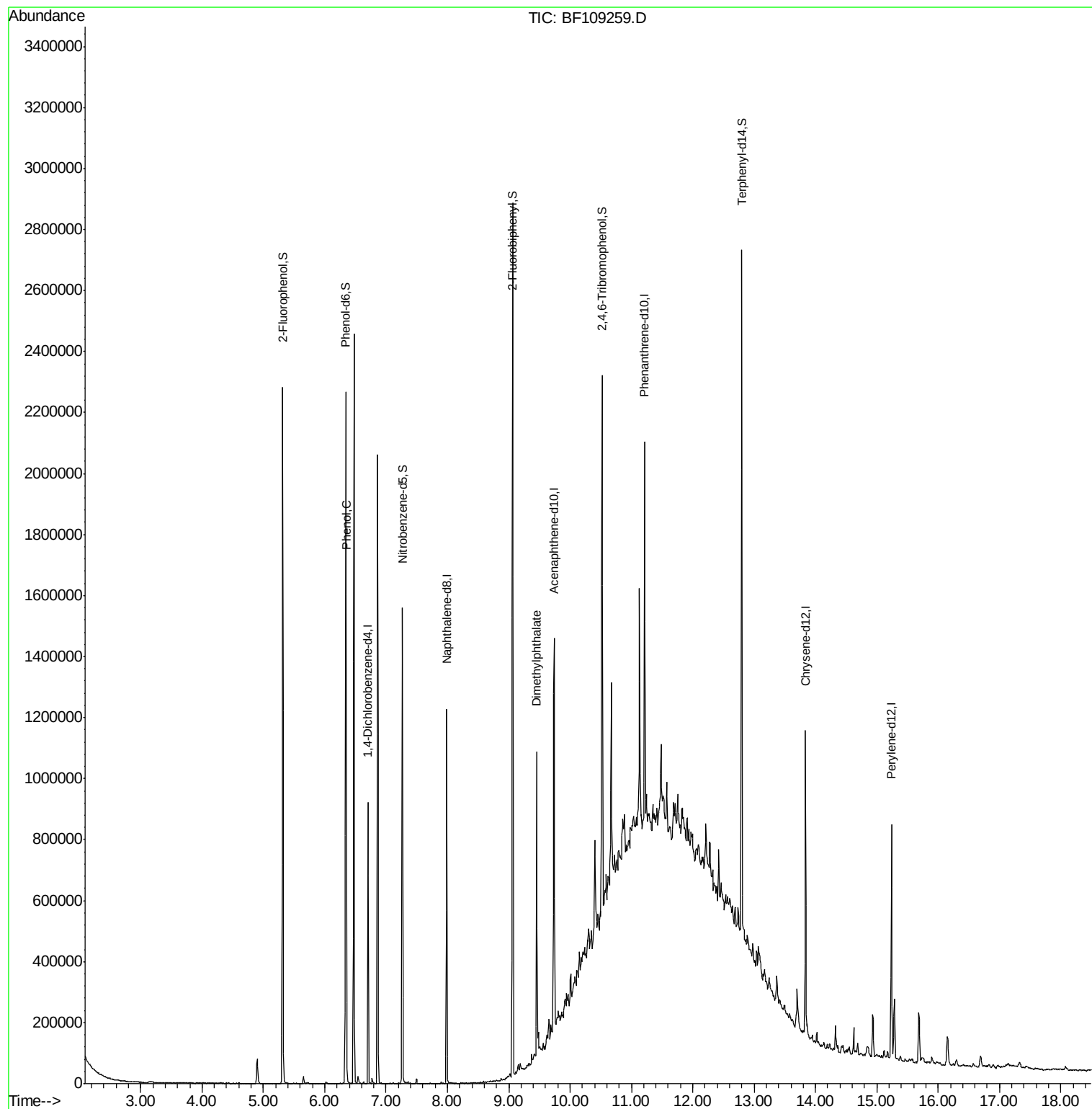
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124761	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	491038	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	237061	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	432704	20.00	ng	0.00
75) Chrysene-d12	13.84	240	309367	20.00	ng	0.00
86) Perylene-d12	15.24	264	329375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	622169	82.14	ng	0.00
7) Phenol-d6	6.35	99	819664	84.80	ng	-0.01
23) Nitrobenzene-d5	7.27	82	506337	60.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	212842	91.08	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	807874	51.40	ng	-0.01
78) Terphenyl-d14	12.80	244	720193	57.13	ng	0.00
Target Compounds						
10) Phenol	6.36	94	36770	3.359	ng	98
49) Dimethylphthalate	9.46	163	329707	19.122	ng	100

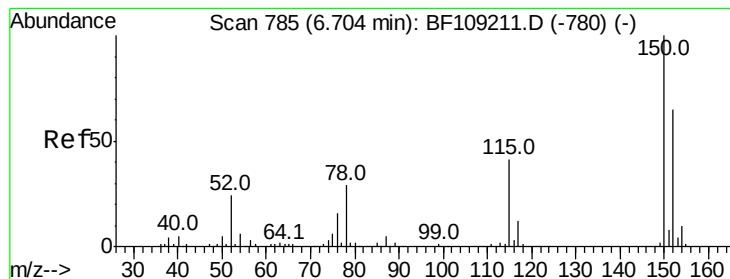
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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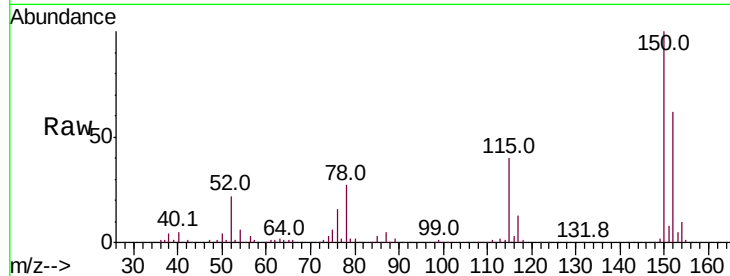


#1

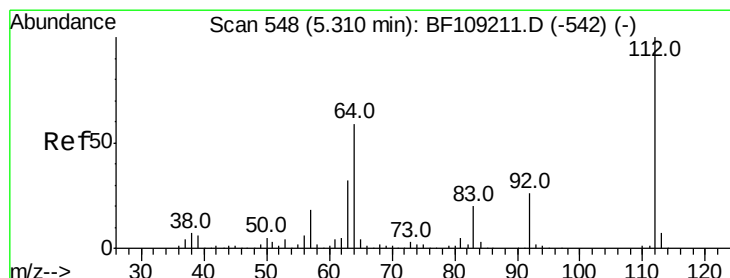
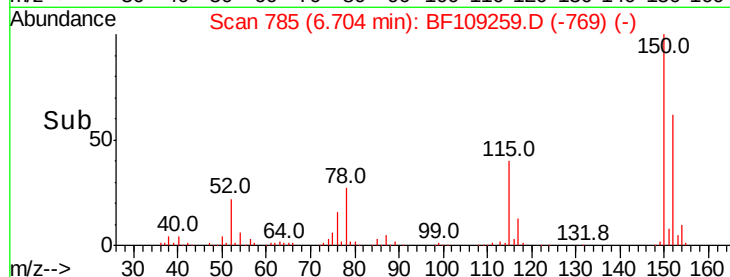
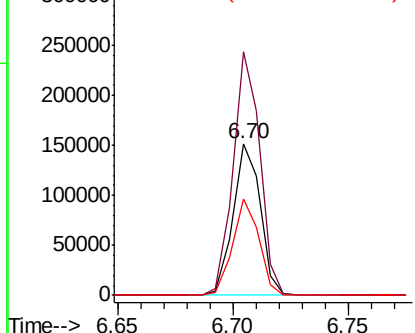
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-E

Tot Ion:152 Resp: 124761
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 63.6 50.1 75.1



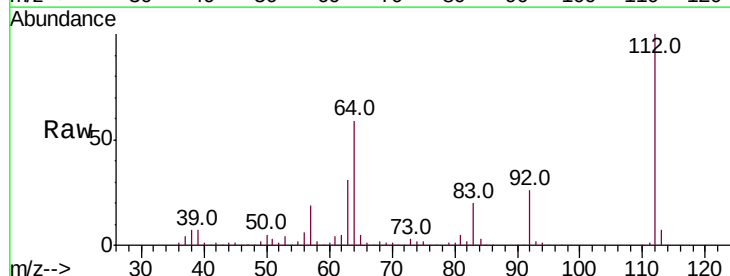
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



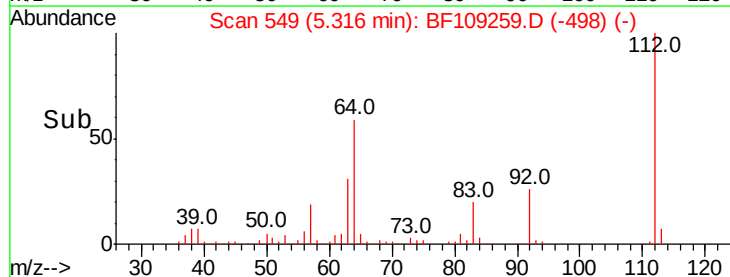
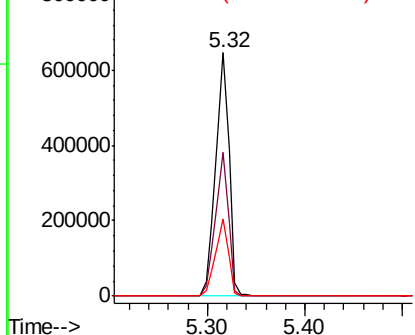
#5

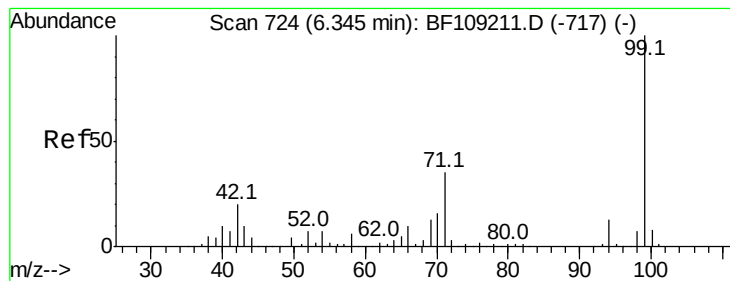
2-Fluorophenol
Concen: 82.138 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion:112 Resp: 622169
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.5 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: 84.802 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

Instrument :

BNA_F

ClientSampled :

LS-SOIL-E

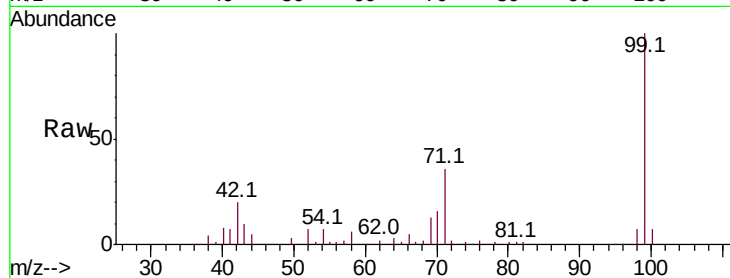
Tot Ion: 99 Resp: 819664

Ion Ratio Lower Upper

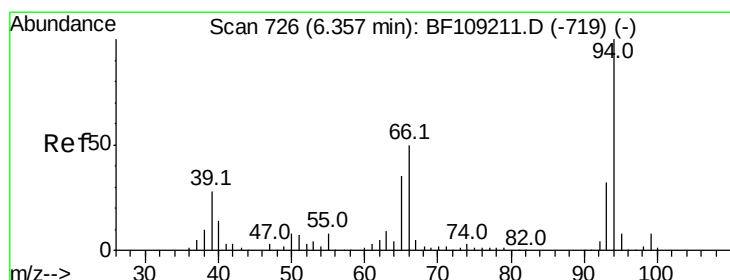
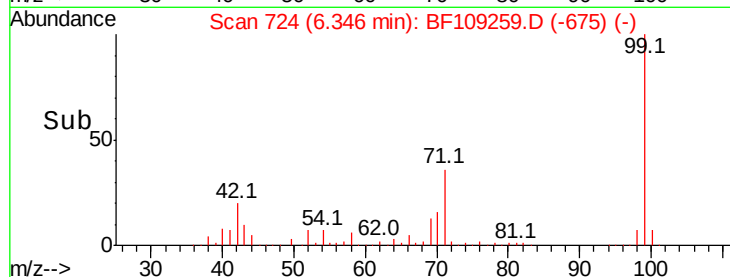
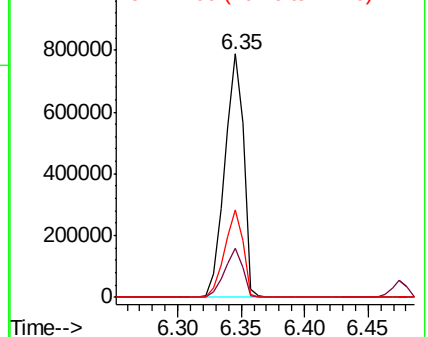
99 100

42 20.3 14.5 21.7

71 36.1 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: 3.359 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

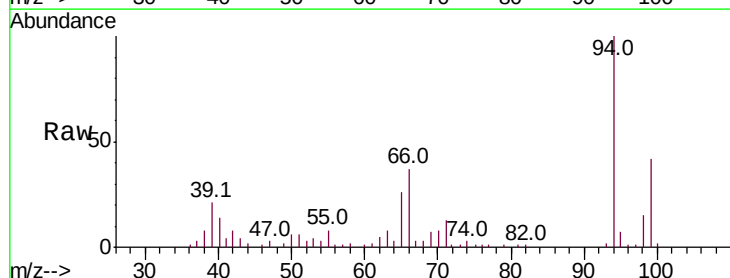
Tgt Ion: 94 Resp: 36770

Ion Ratio Lower Upper

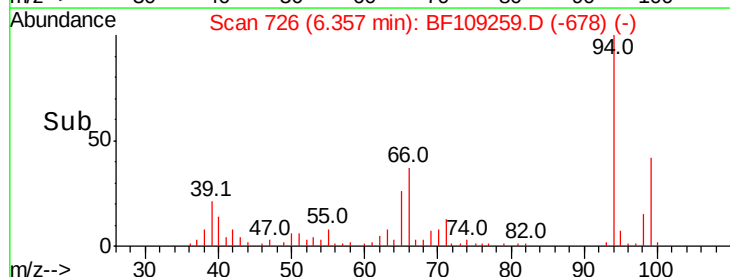
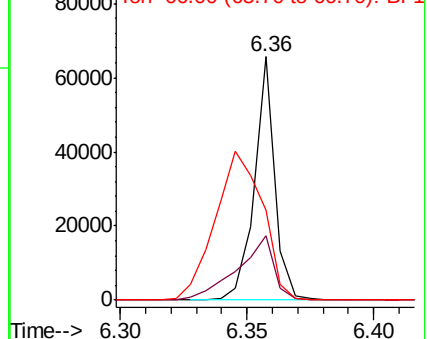
94 100

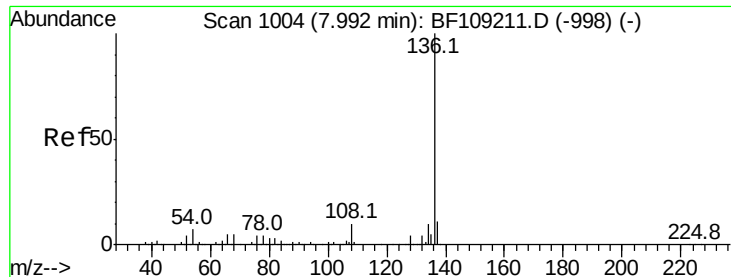
65 26.4 7.9 47.9

66 37.0 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

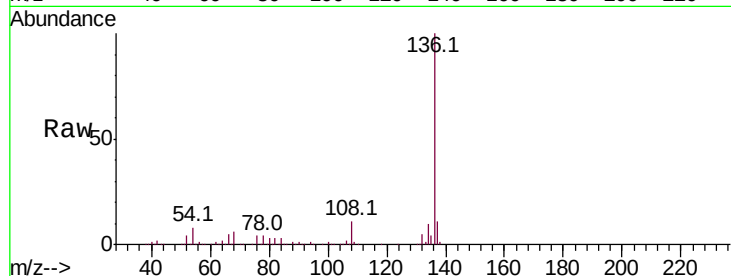




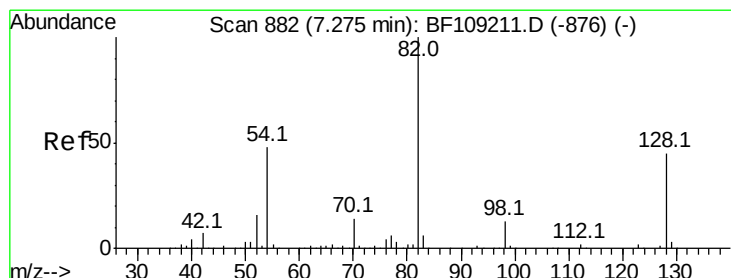
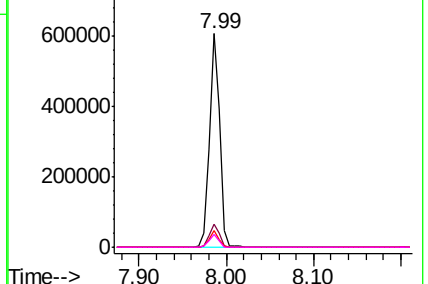
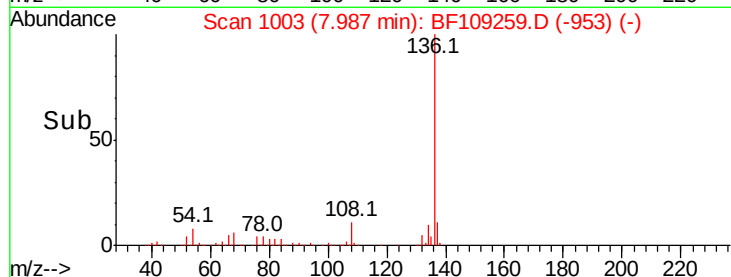
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-E

Tot Ion:136	Resp:	491038
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.6	6.6 9.8
68	5.7	5.0 7.4

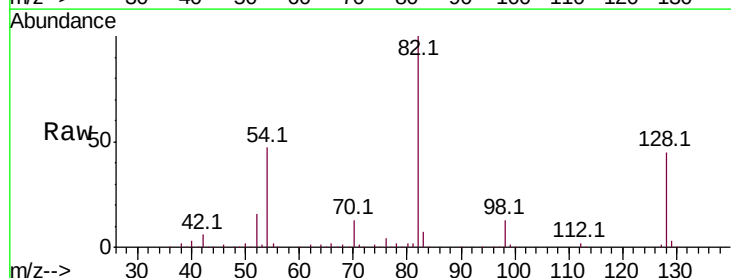


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

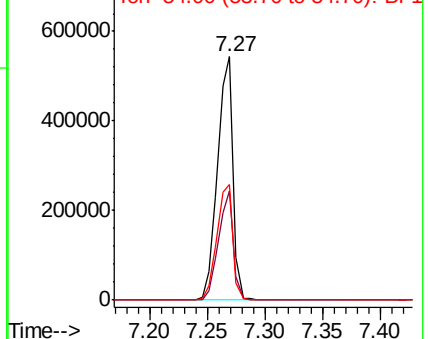
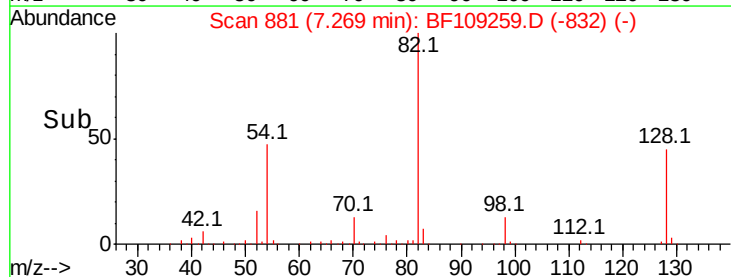


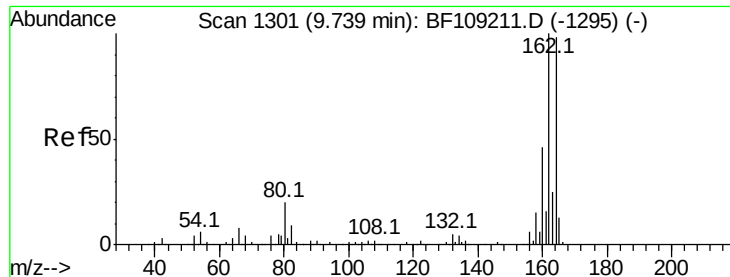
#23
Nitrobenzene-d5
Concen: 60.871 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion: 82	Resp:	506337
Ion Ratio	Lower	Upper
82	100	
128	45.1	36.1 54.1
54	47.3	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

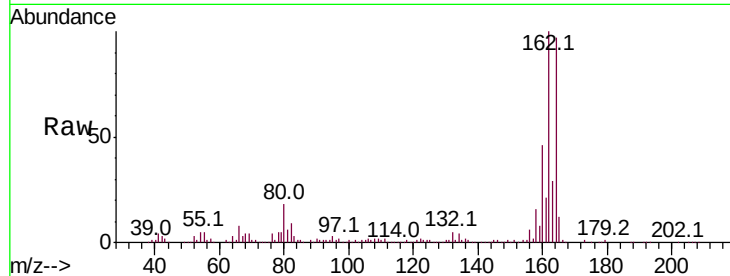




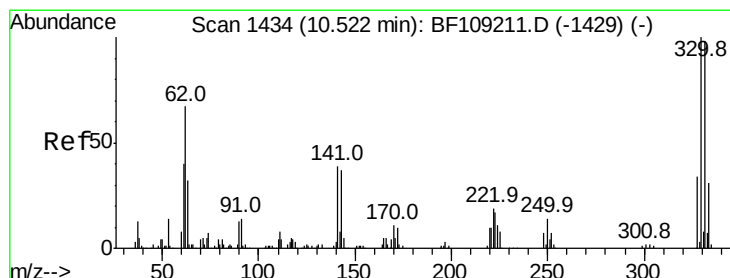
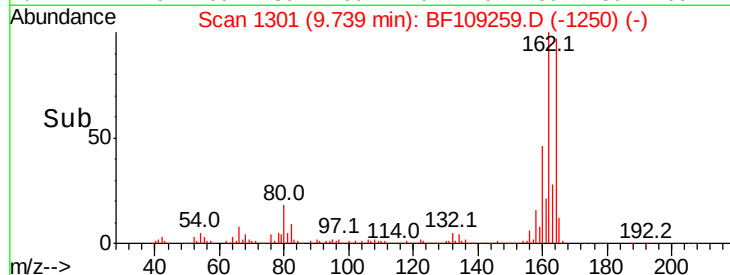
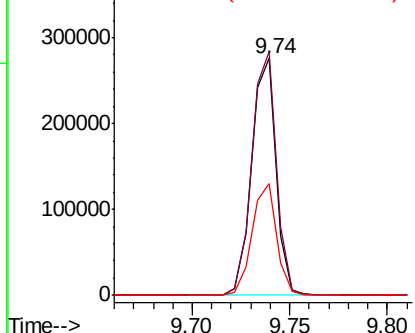
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-E

Tot Ion:164 Resp: 237061
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.1 38.3 57.5

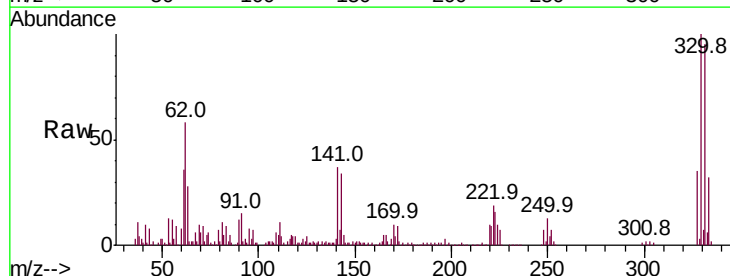


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

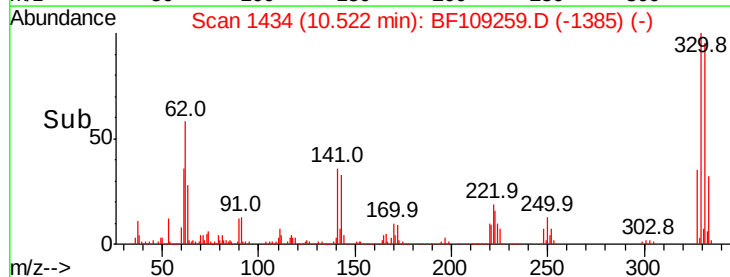
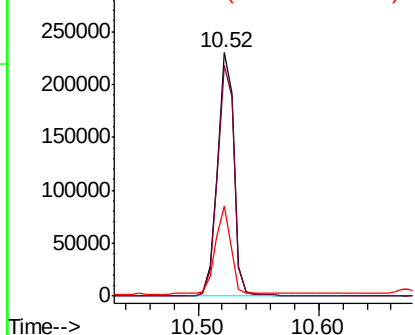


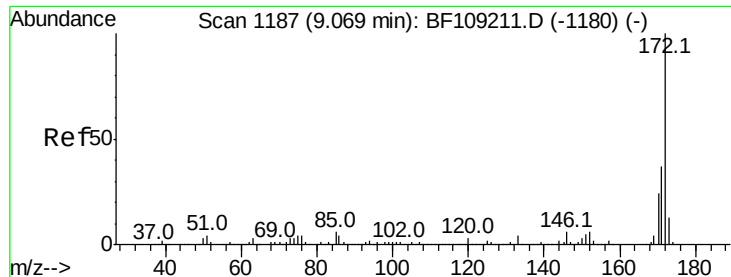
#41
2,4,6-Tribromophenol
Concen: 91.078 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion:330 Resp: 212842
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 34.1 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

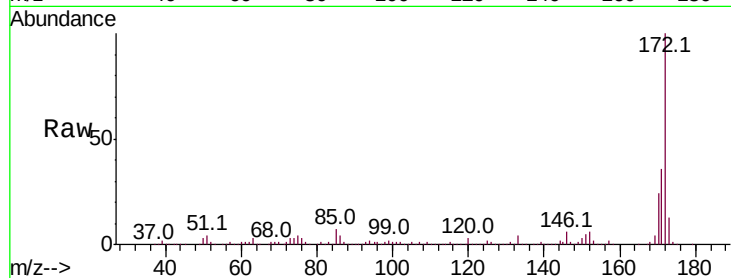




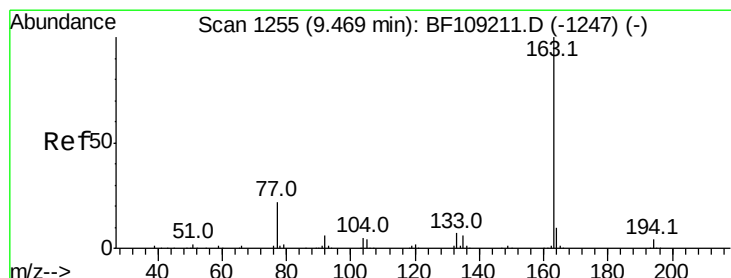
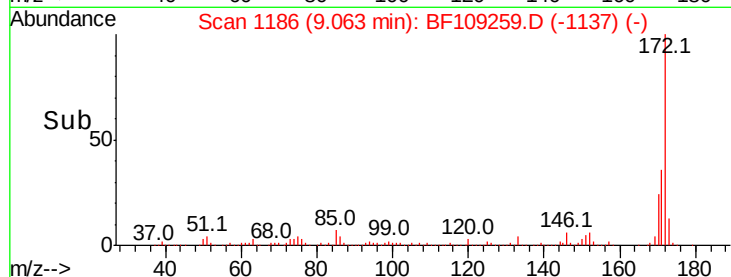
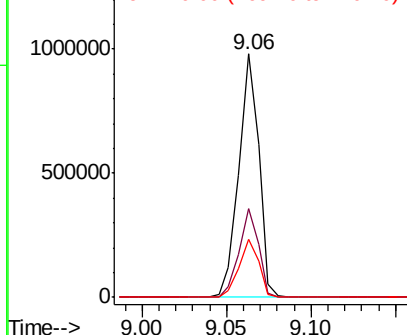
#44
2-Fluorobiphenyl
Concen: 51.397 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-E

Tot Ion:172 Resp: 807874
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4

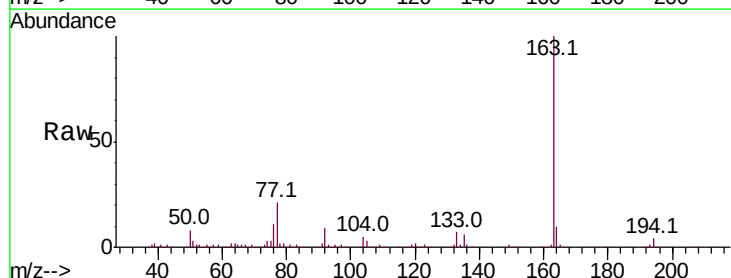


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

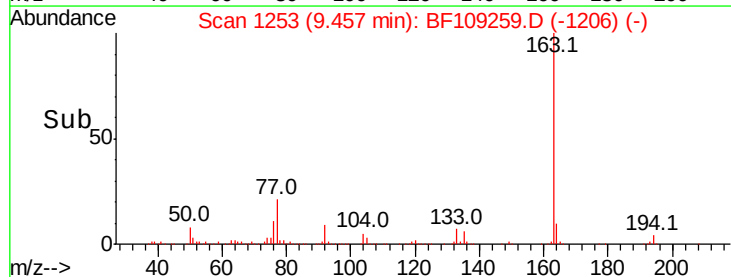
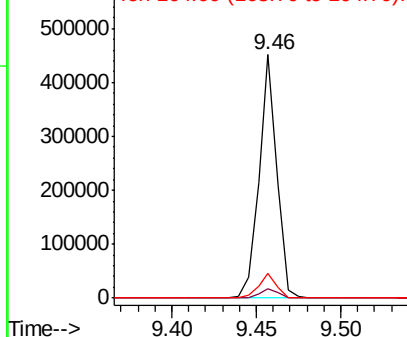


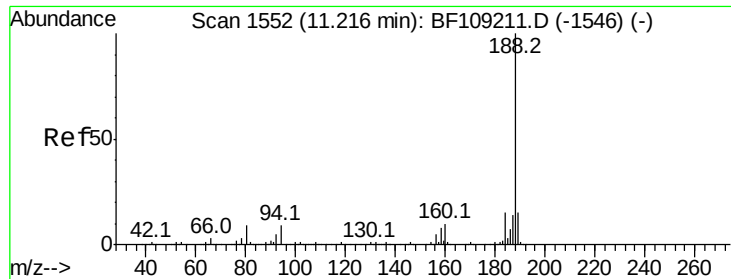
#49
Dimethylphthalate
Concen: 19.122 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion:163 Resp: 329707
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 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

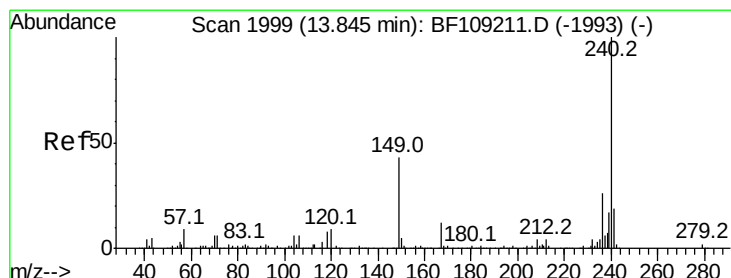
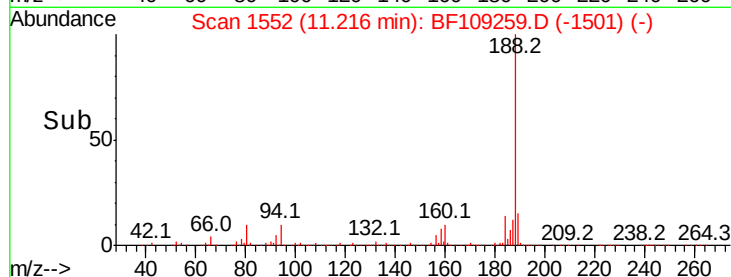
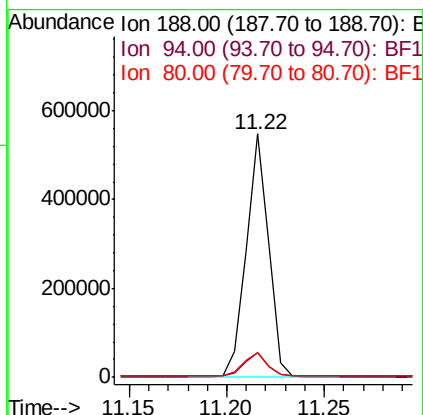
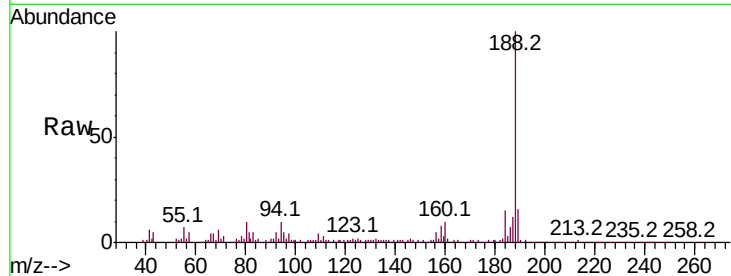




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

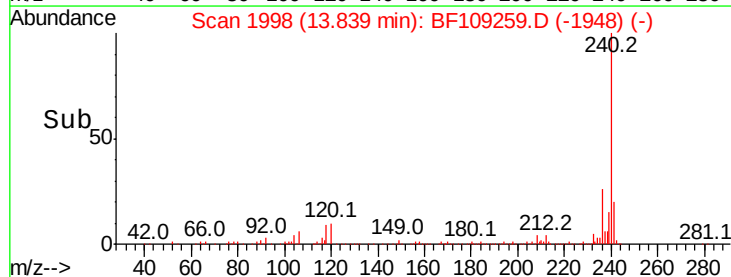
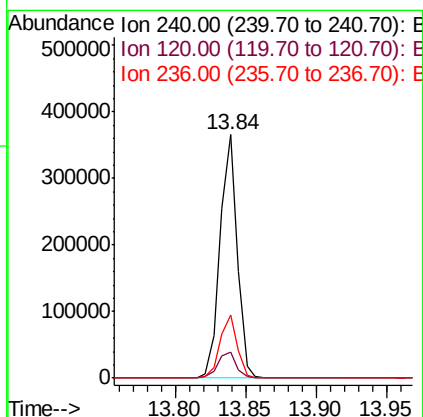
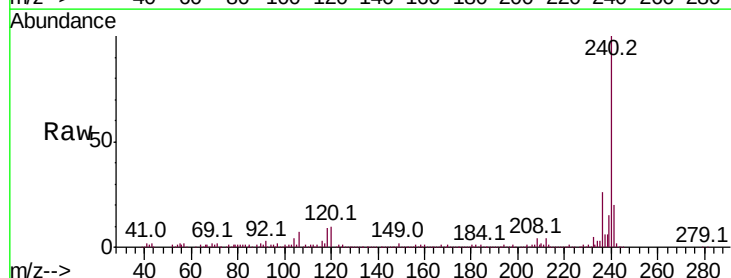
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-E

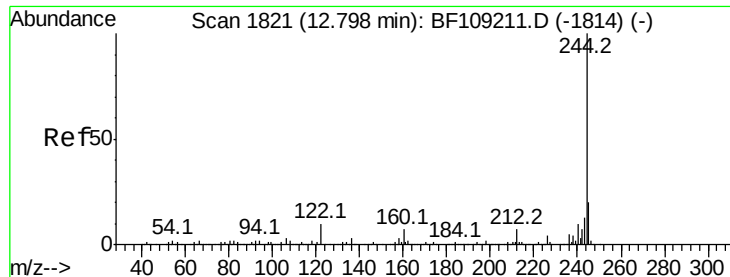
Tot Ion:188 Resp: 432704
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109259.D
Acq: 24 Sep 2018 11:38

Tgt Ion:240 Resp: 309367
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 57.132 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

Instrument :

BNA_F

ClientSampled :

LS-SOIL-E

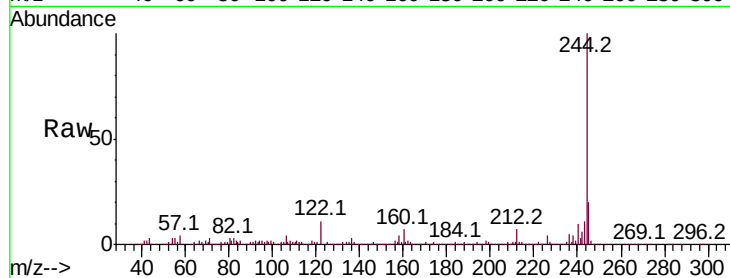
Tot Ion:244 Resp: 720193

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

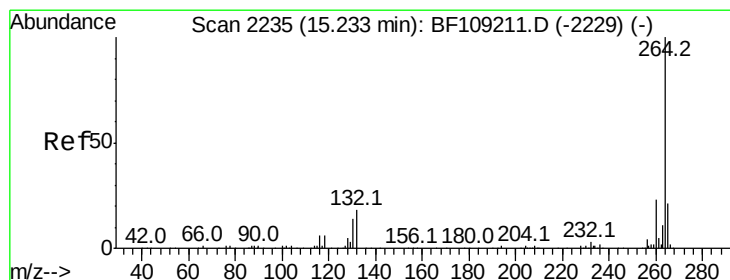
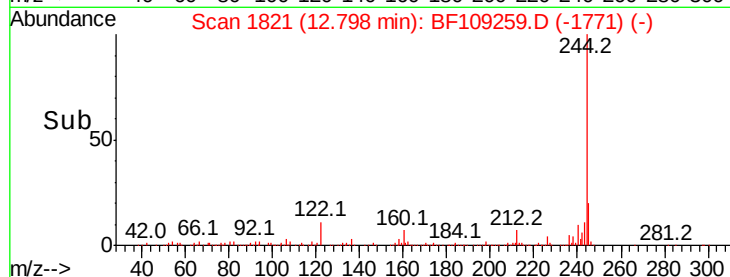
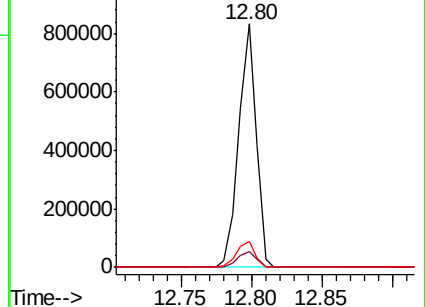
122 10.9 11.0 16.4#



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# 2236

Delta R.T. 0.00 min

Lab File: BF109259.D

Acq: 24 Sep 2018 11:38

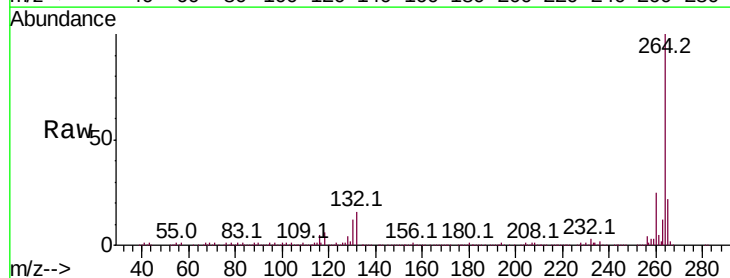
Tgt Ion:264 Resp: 329375

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 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

