

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101206.D
 Acq On : 7 Dec 2017 15:42
 Operator : SJ/JU
 Sample : I6765-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB005A

Quant Time: Dec 07 17:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

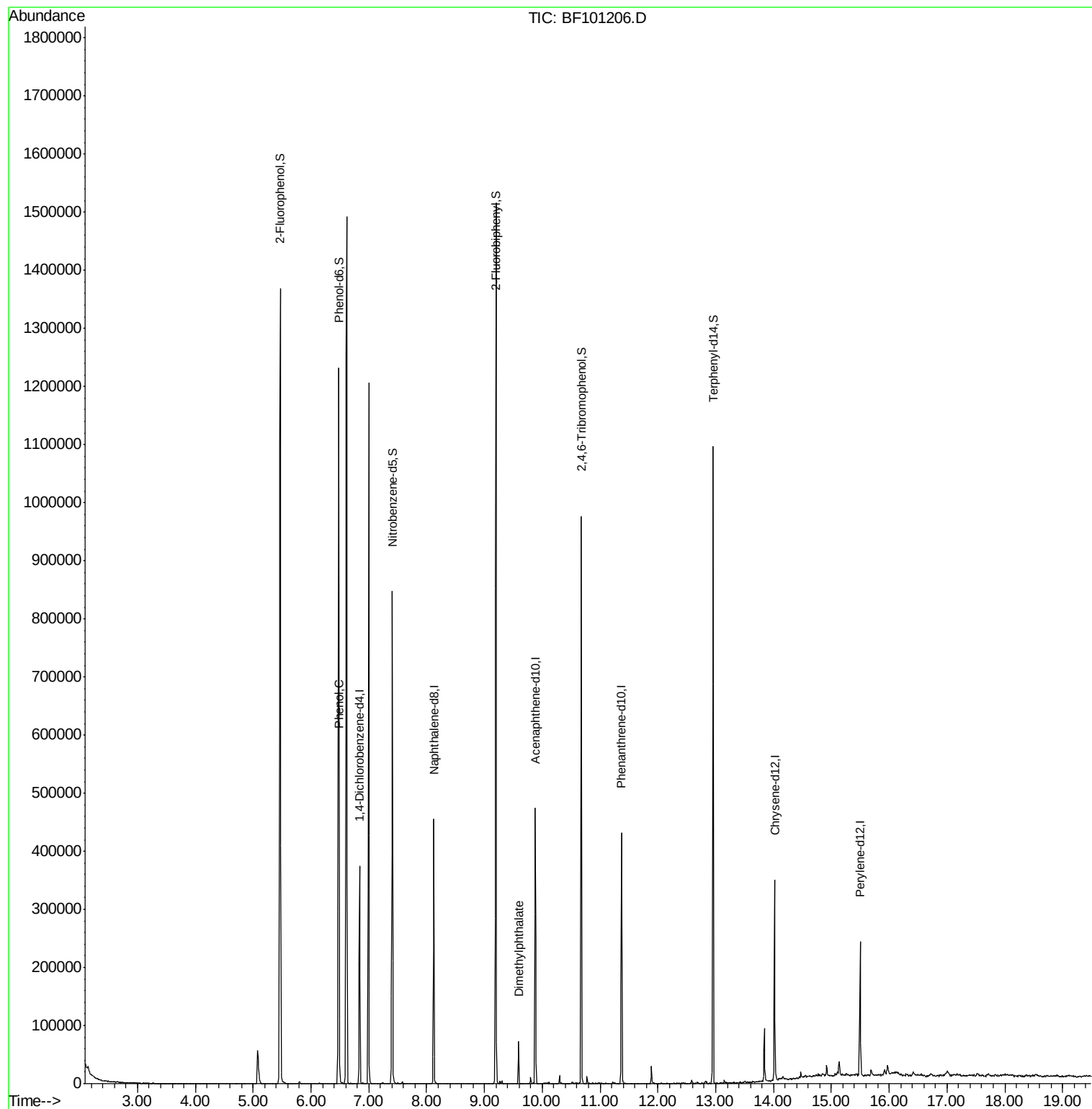
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	51259	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	201353	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	88858	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	154831	20.00	ng	0.00
75) Chrysene-d12	14.02	240	118434	20.00	ng	0.00
86) Perylene-d12	15.50	264	105811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	390076	125.75	ng	0.00
7) Phenol-d6	6.48	99	468722	124.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	283121	83.88	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	115751	108.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	488441	75.21	ng	-0.01
78) Terphenyl-d14	12.96	244	346666	64.02	ng	0.00
Target Compounds						
10) Phenol	6.49	94	21751	5.194	ng	96
49) Dimethylphthalate	9.59	163	28712	4.007	ng	98

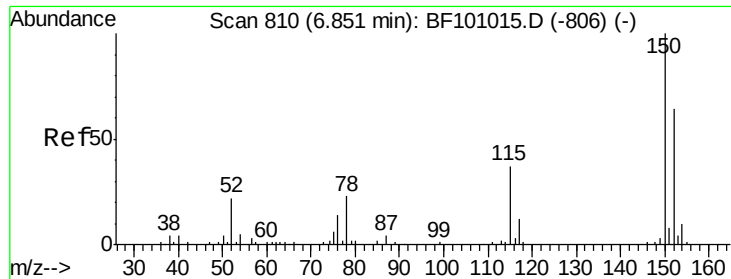
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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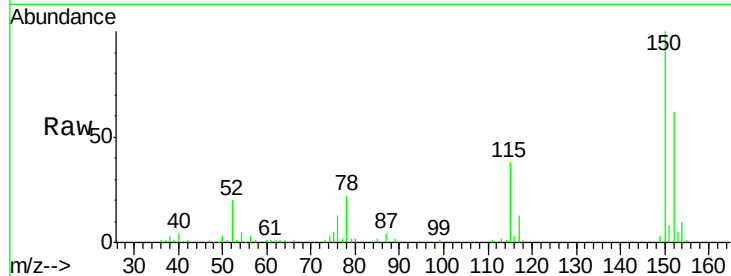


#1

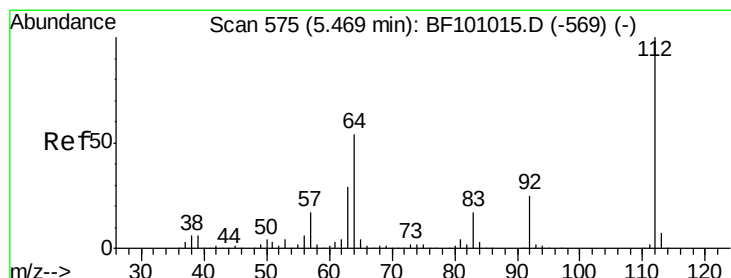
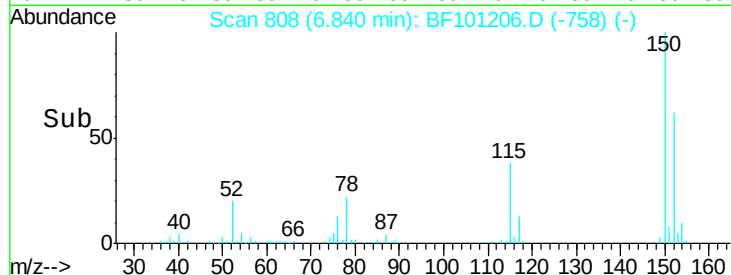
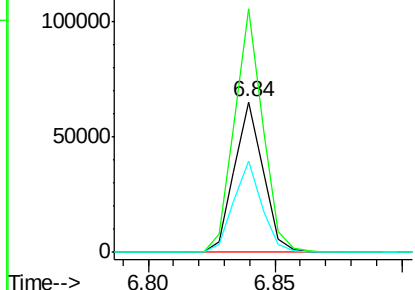
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Instrument :
BNA_F
ClientSampleId :
SOIL-SB005A

Tot Ion:152 Resp: 51259
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 60.9 50.1 75.1



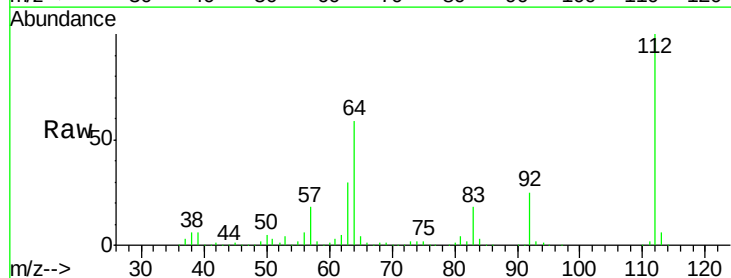
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



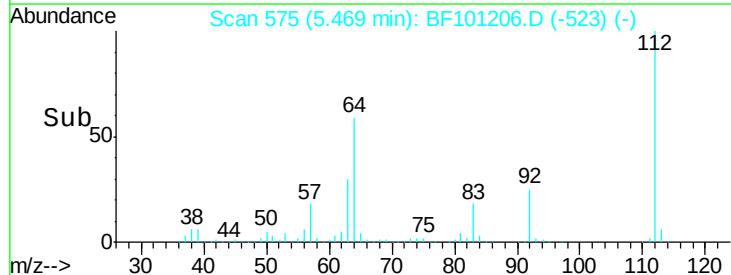
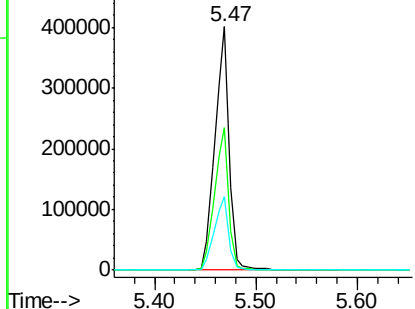
#5

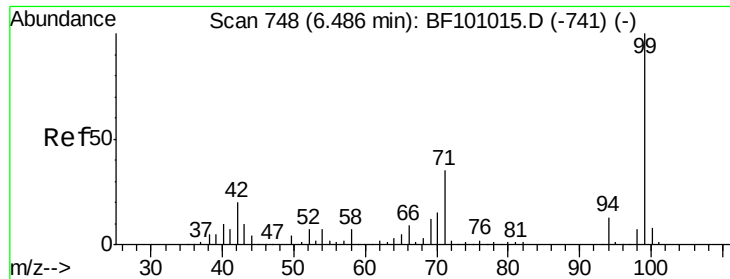
2-Fluorophenol
Concen: 125.749 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:112 Resp: 390076
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 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: 124.457 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

SOIL-SB005A

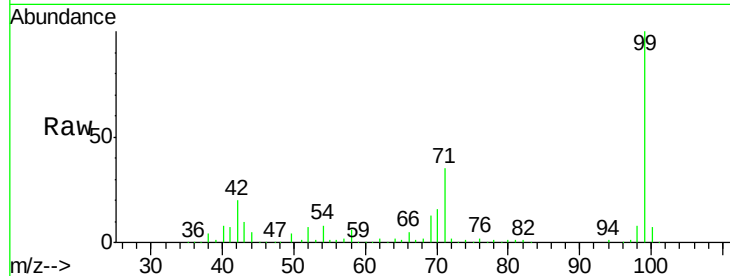
Tot Ion: 99 Resp: 468722

Ion Ratio Lower Upper

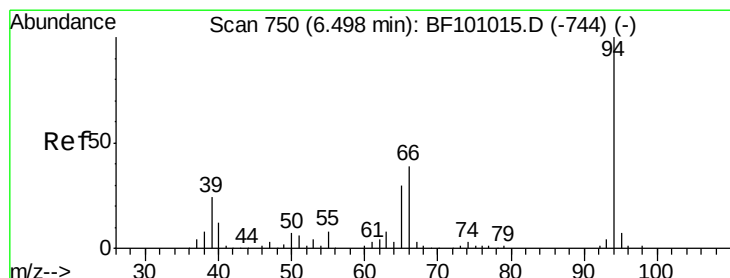
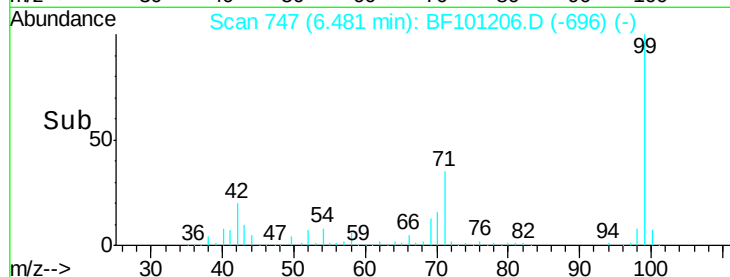
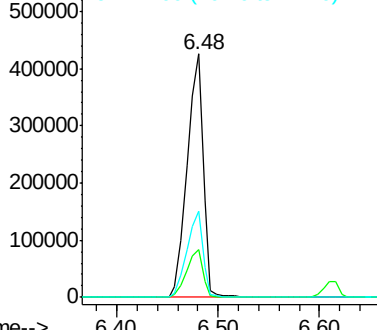
99 100

42 19.9 14.5 21.7

71 35.4 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: 5.194 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

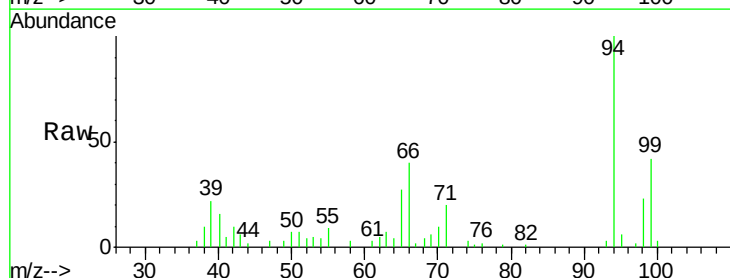
Tgt Ion: 94 Resp: 21751

Ion Ratio Lower Upper

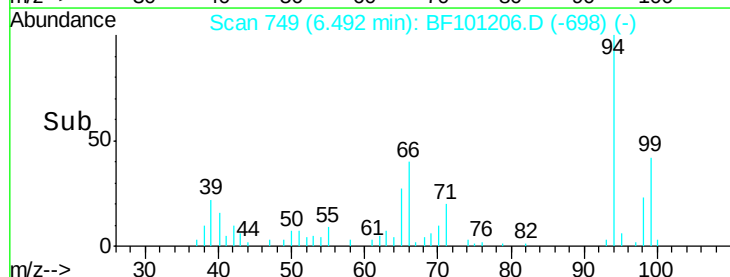
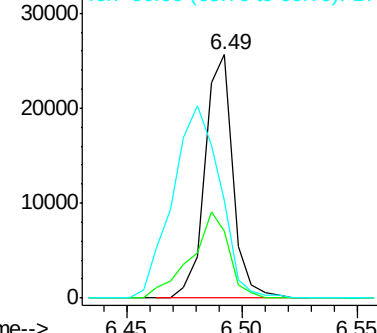
94 100

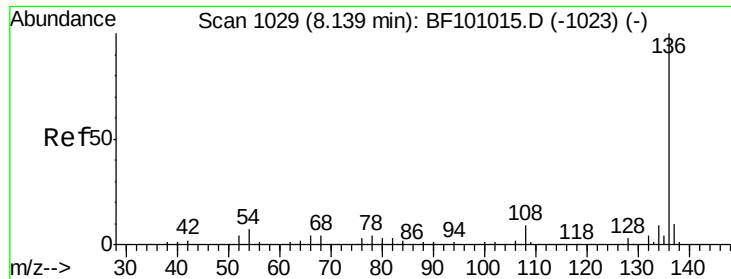
65 27.5 7.9 47.9

66 40.1 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

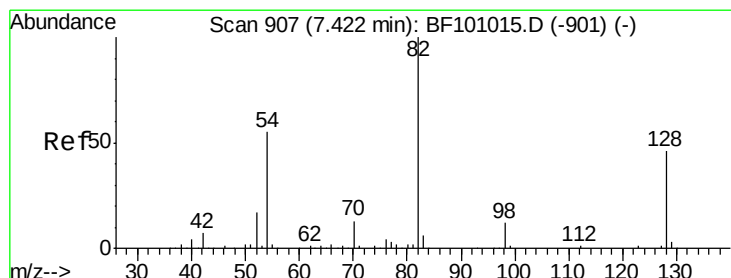
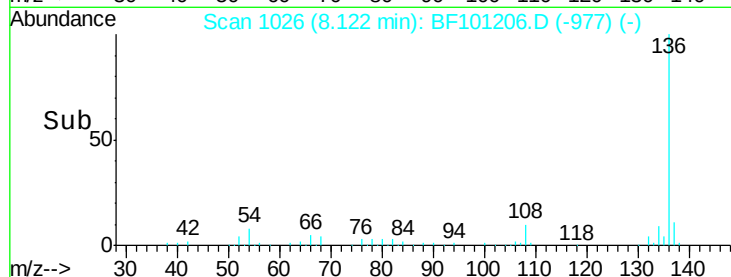
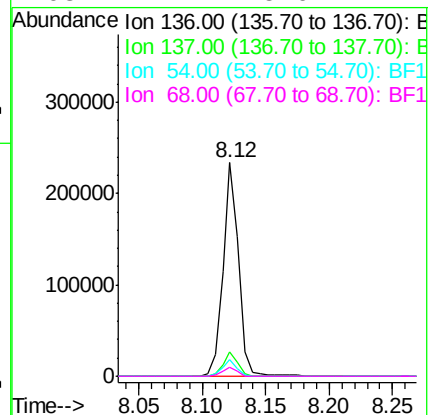
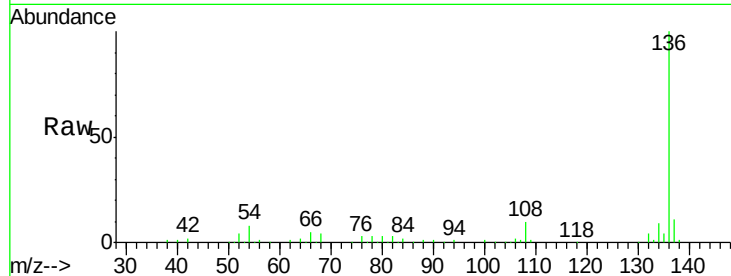




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

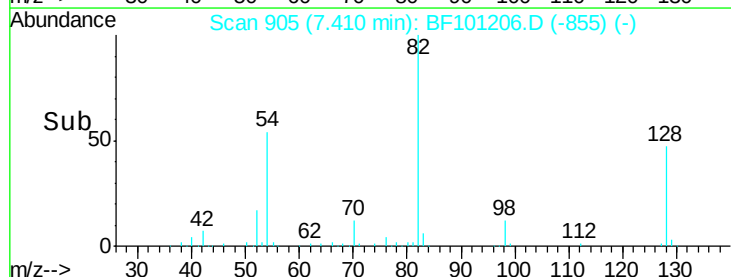
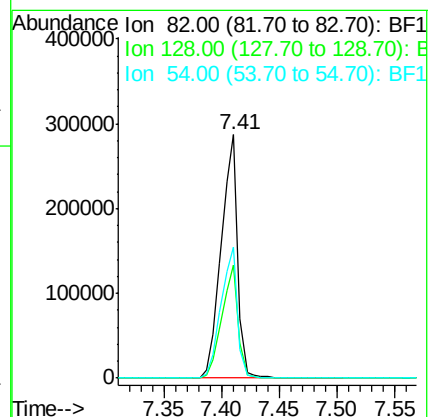
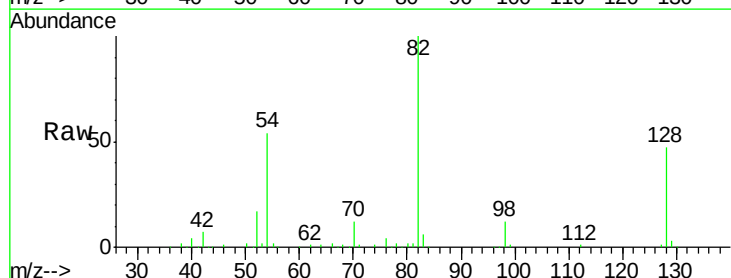
Instrument :
BNA_F
ClientSampleId :
SOIL-SB005A

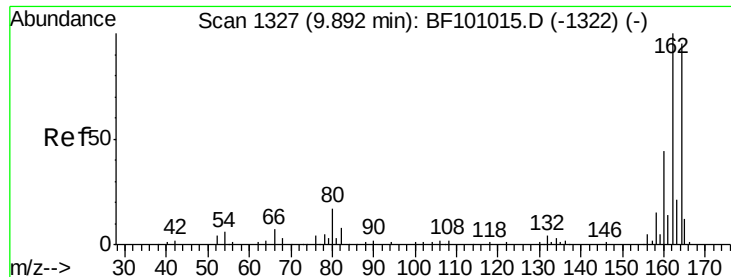
Tot Ion:136	Resp:	201353
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.0	6.6 9.8
68	4.1	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 83.878 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion: 82	Resp:	283121
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	53.6	41.4 62.2

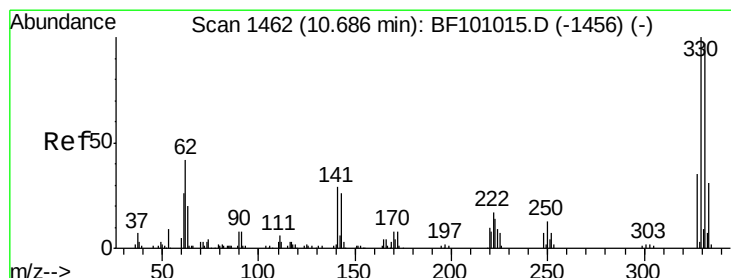
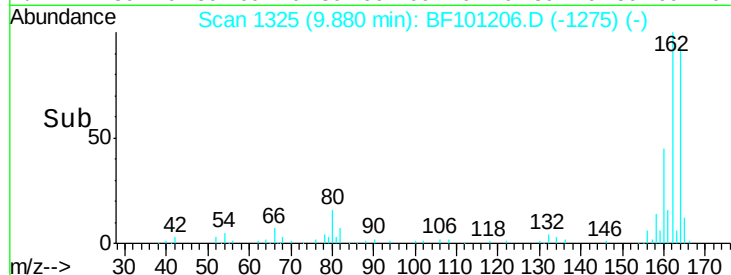
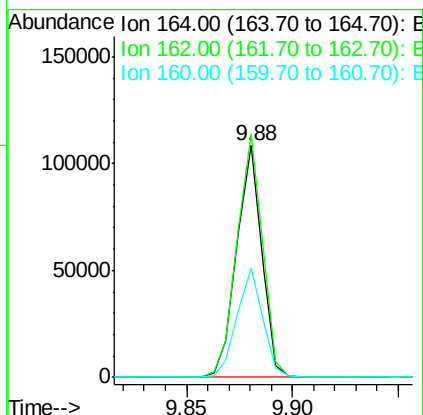
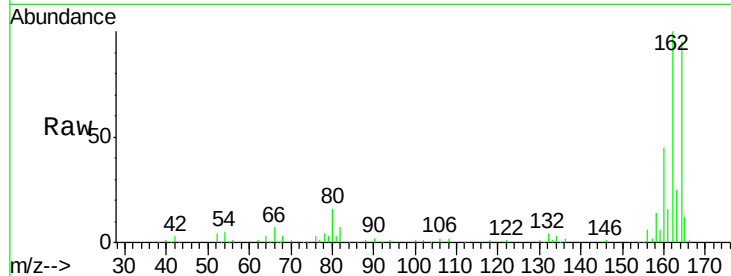




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

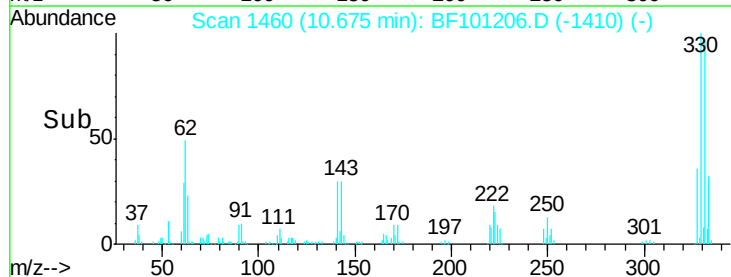
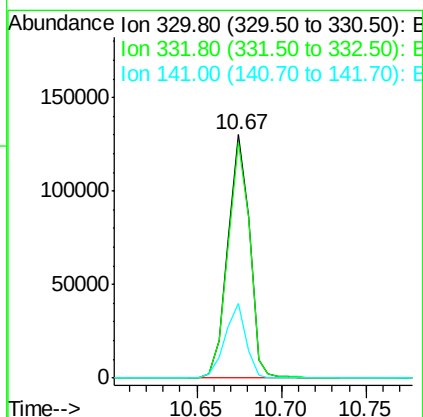
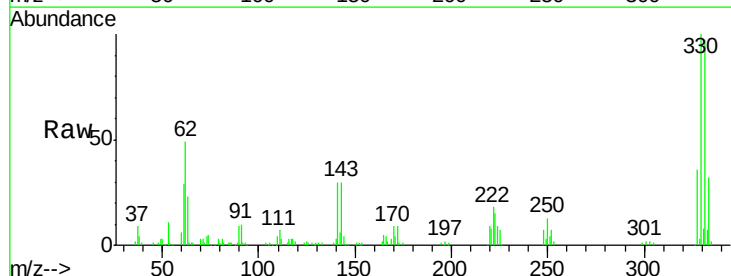
Instrument :
BNA_F
ClientSampleId :
SOIL-SB005A

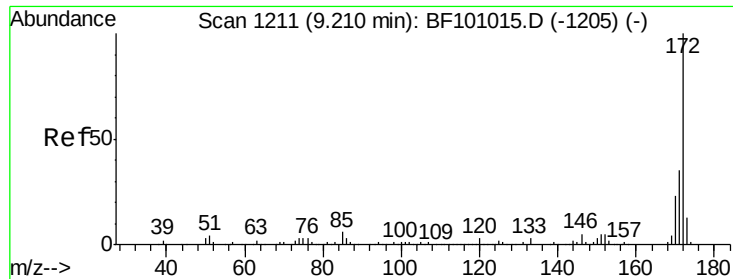
Tot Ion:164 Resp: 88858
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 108.438 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:330 Resp: 115751
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 29.7 29.9 44.9#

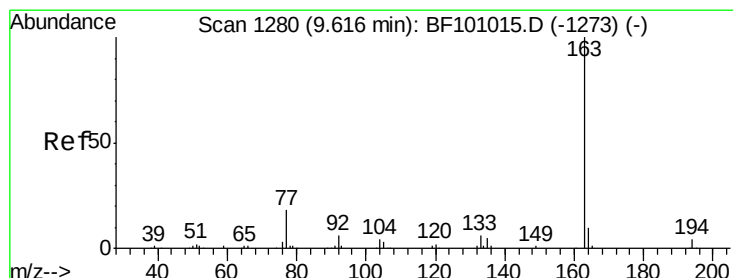
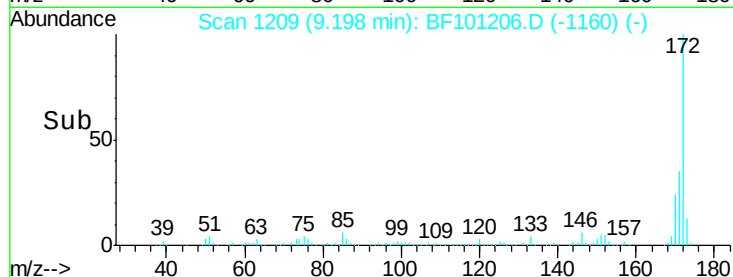
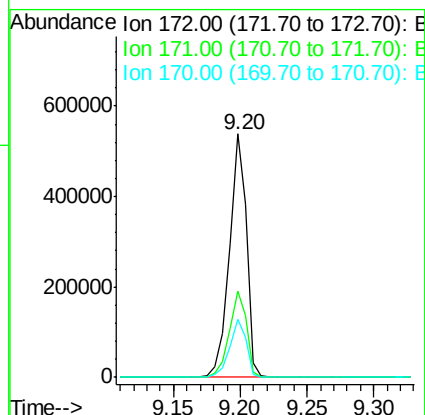
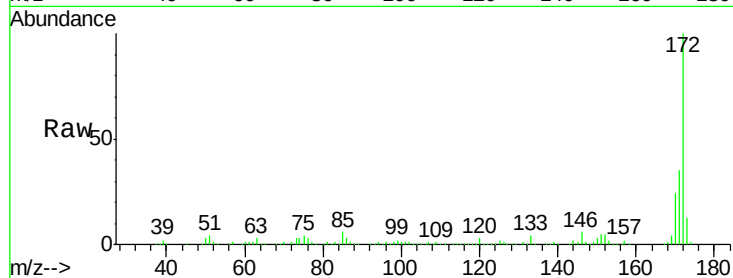




#44
2-Fluorobiphenyl
Concen: 75.208 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

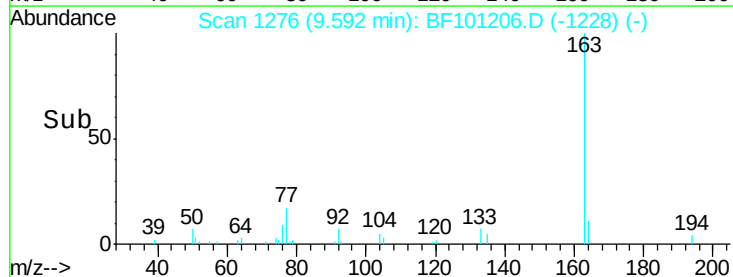
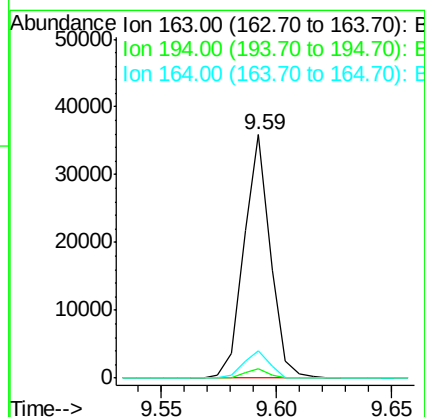
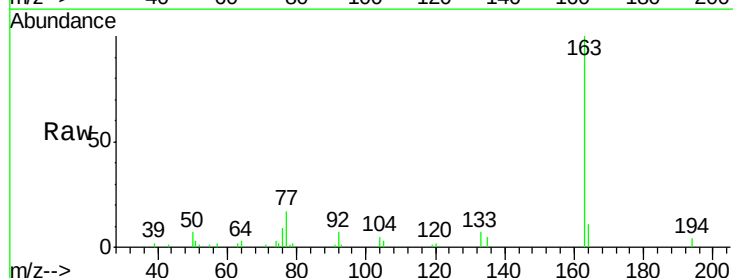
Instrument :
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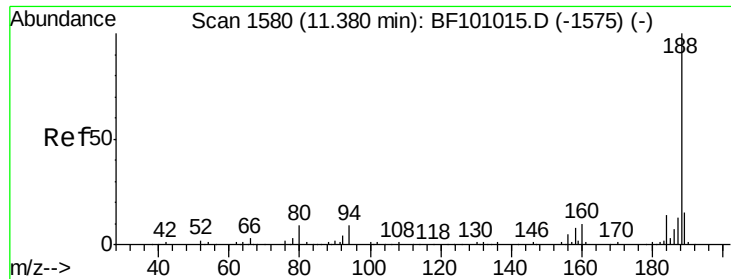
Tot Ion:172 Resp: 488441
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 4.007 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:163 Resp: 28712
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 11.0 8.2 12.2

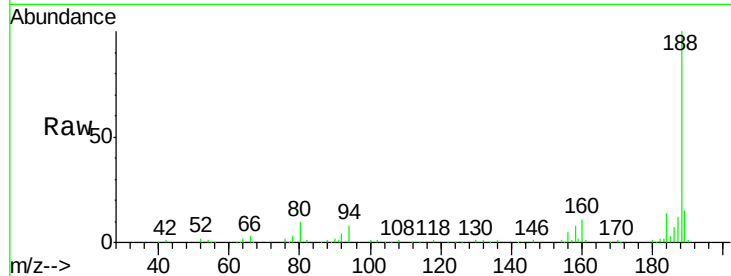




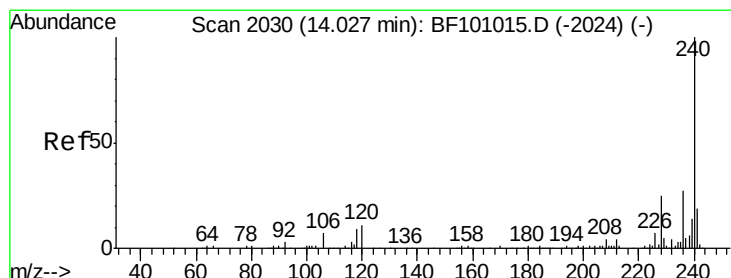
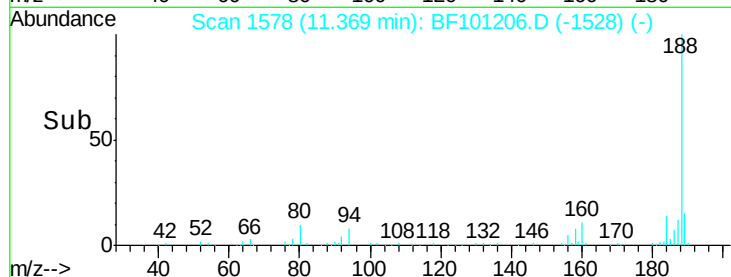
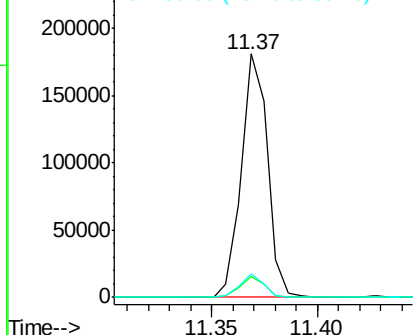
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Instrument :
BNA_F
ClientSampleId :
SOIL-SB005A

Tot Ion:188 Resp: 154831
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8

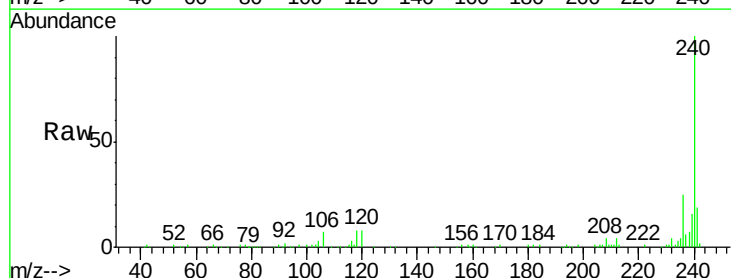


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

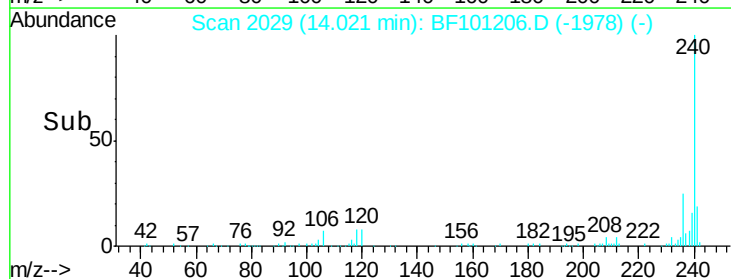
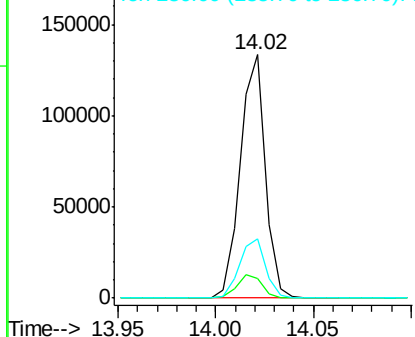


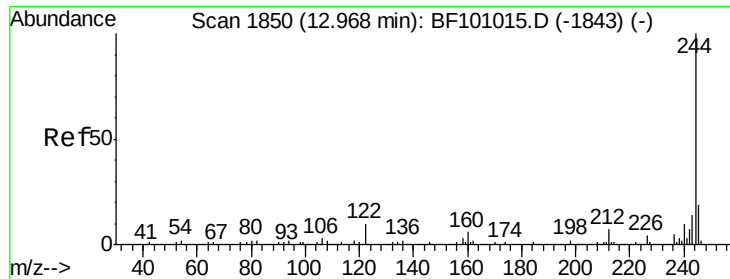
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:240 Resp: 118434
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 24.6 20.7 31.1



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





#78

Terphenyl-d14

Concen: 64.023 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

SOIL-SB005A

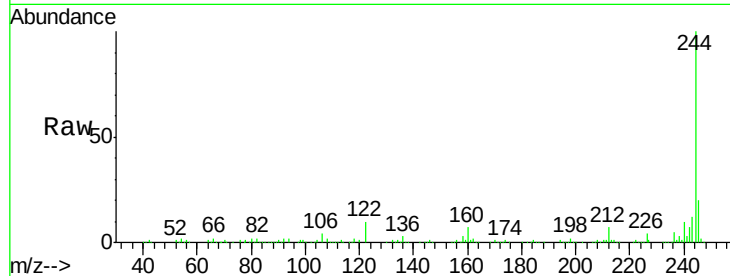
Tot Ion:244 Resp: 346666

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

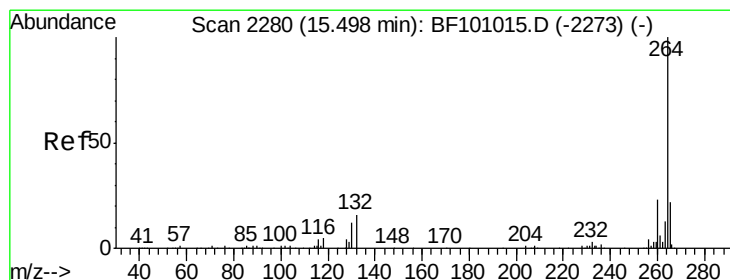
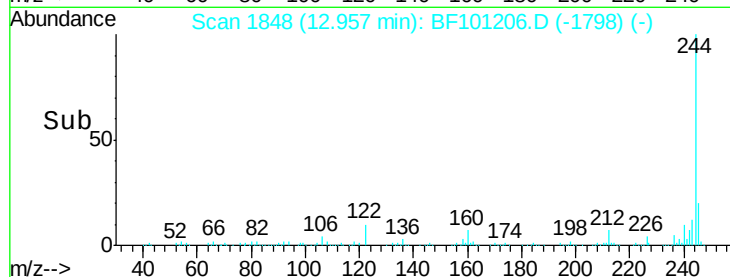
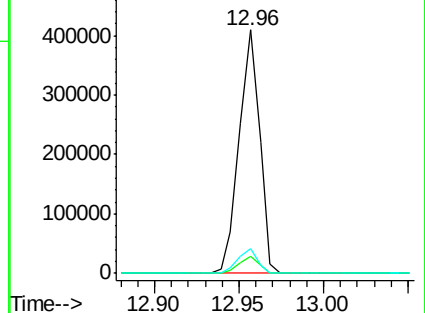
122 10.3 11.0 16.4#



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

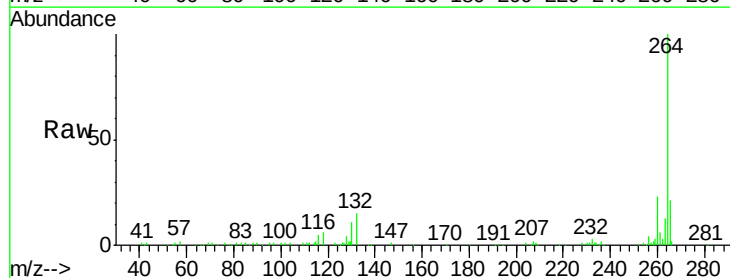
Tgt Ion:264 Resp: 105811

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.8 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

