

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001285.D
 Acq On : 09 Dec 2019 22:44
 Operator : JU
 Sample : K6188-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP-1

Quant Time: Dec 10 05:45:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

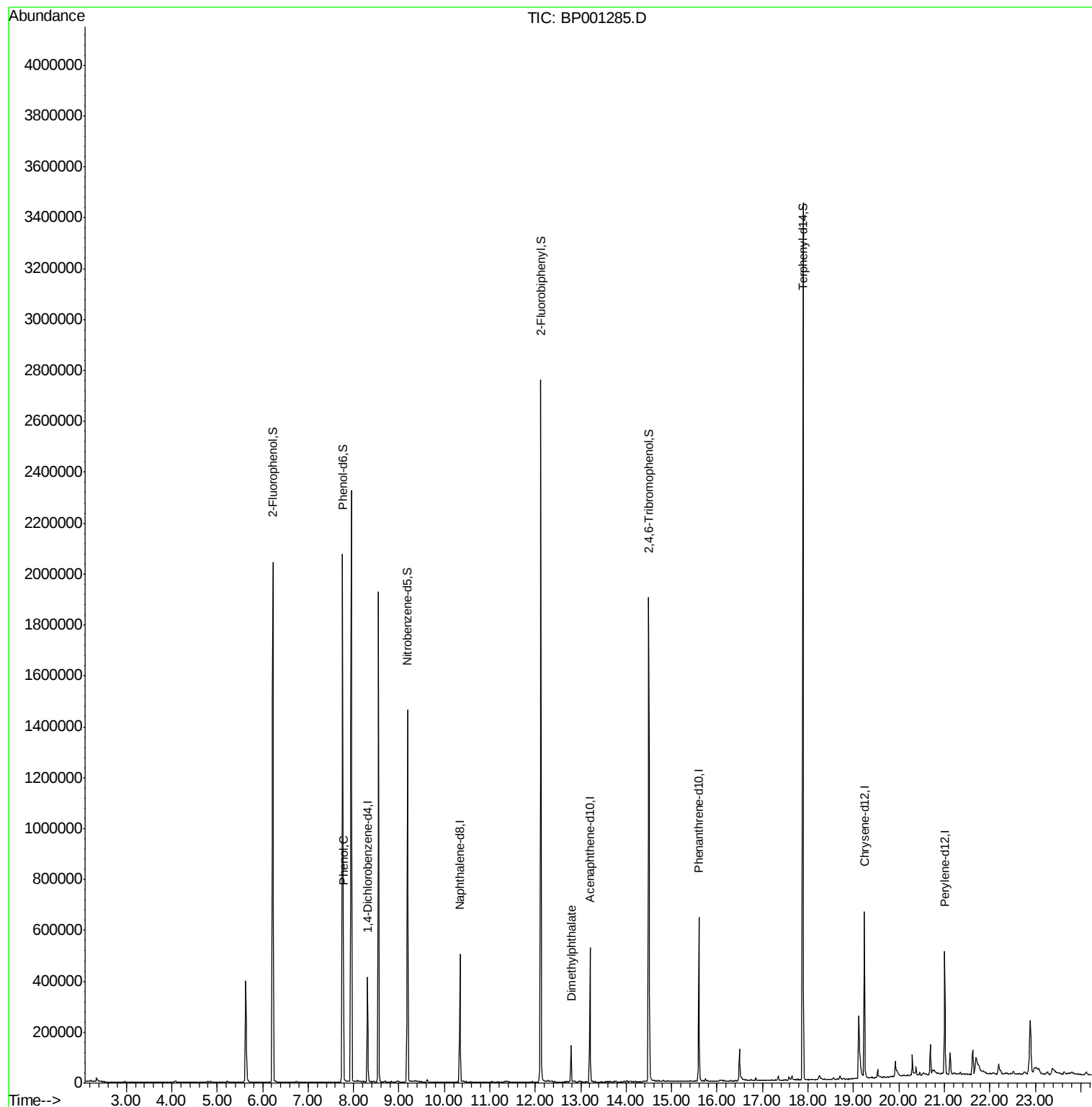
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67706	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	250422	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	142515	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	275146	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	224842	20.00	ng	-0.02
87) Perylene-d12	21.01	264	245048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	661488	162.09	ng	0.01
7) Phenol-d6	7.76	99	909270	167.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	625782	108.42	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	258883	189.52	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1040549	106.86	ng	-0.01
79) Terphenyl-d14	17.89	244	1286599	105.87	ng	0.00
Target Compounds						
10) Phenol	7.78	94	46931	7.589	ng	82
50) Dimethylphthalate	12.79	163	63954	6.000	ng	100

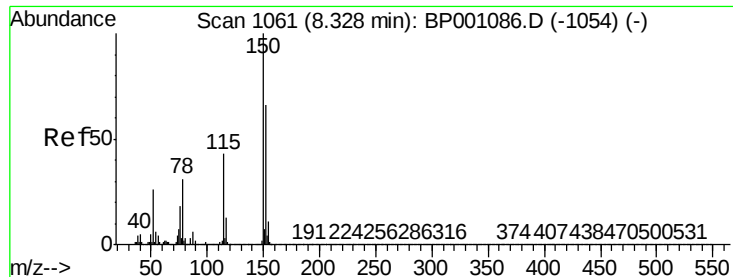
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-1

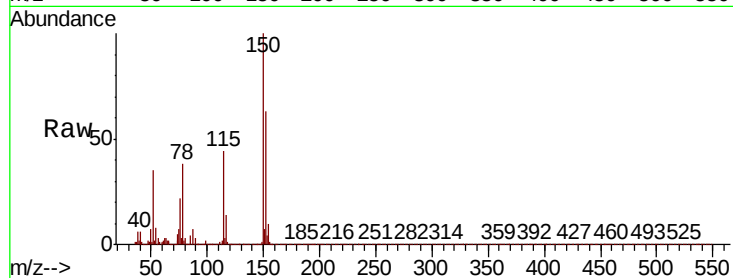
Tot Ion:152 Resp: 67706

Ion Ratio Lower Upper

152 100

150 158.4 127.3 190.9

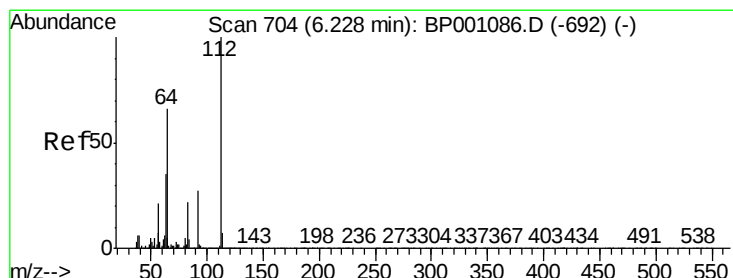
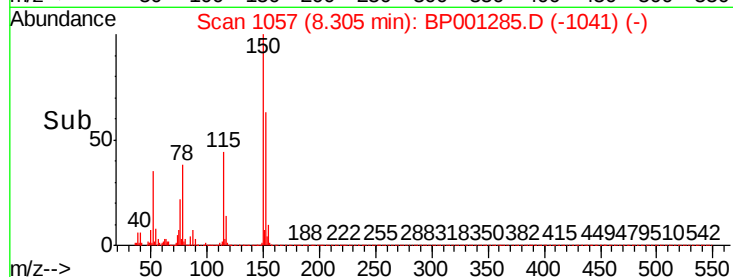
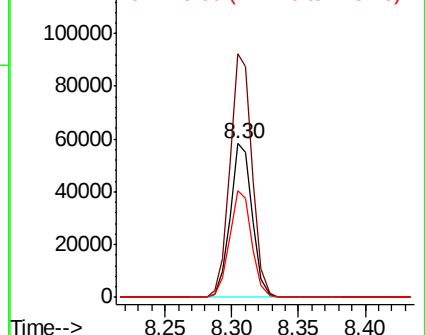
115 69.0 56.0 84.0



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: 162.092 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

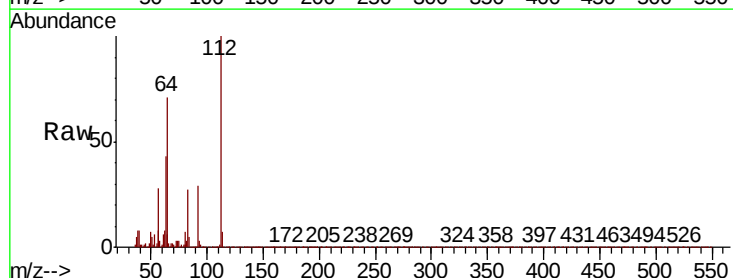
Tgt Ion:112 Resp: 661488

Ion Ratio Lower Upper

112 100

64 71.0 56.8 85.2

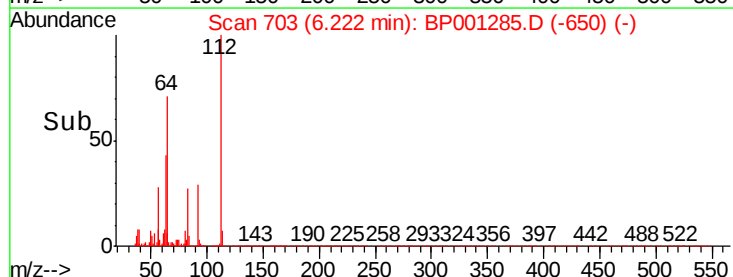
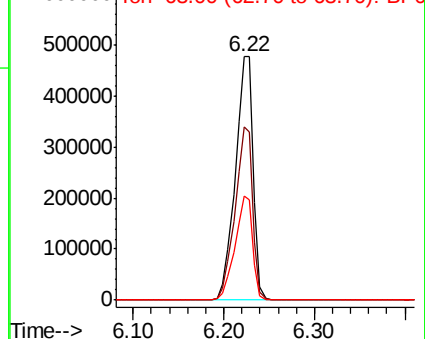
63 43.0 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 167.243 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-1

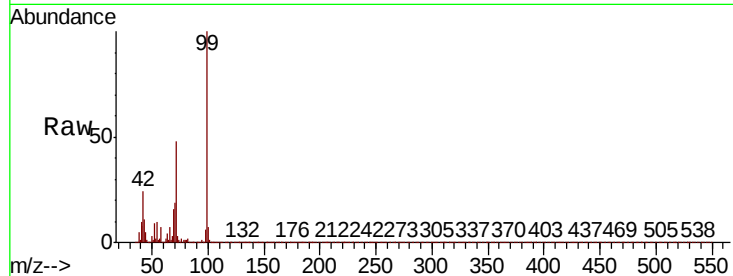
Tot Ion: 99 Resp: 909270

Ion Ratio Lower Upper

99 100

42 23.9 17.6 26.4

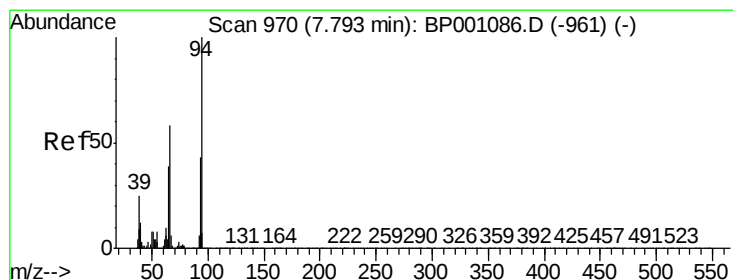
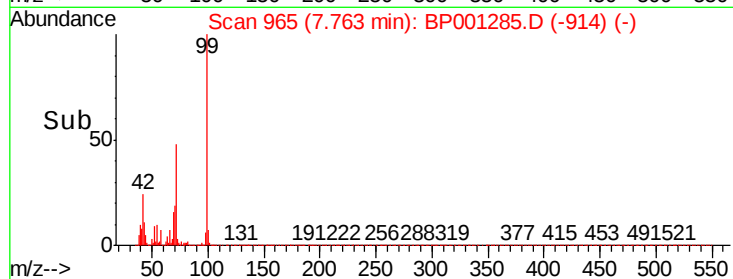
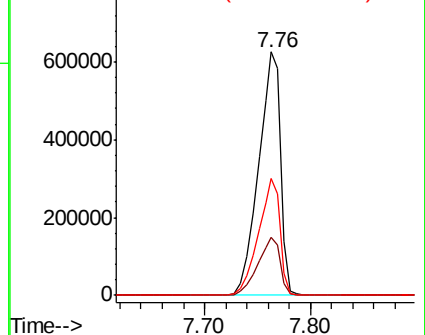
71 47.9 33.8 50.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 7.589 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

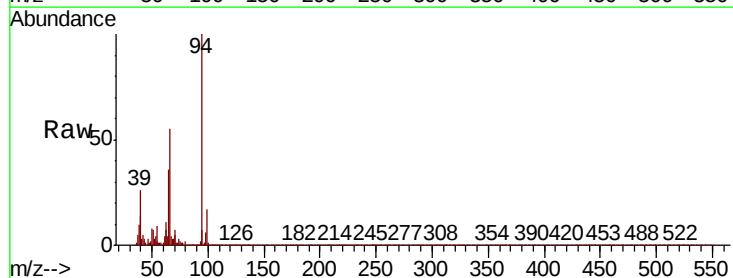
Tgt Ion: 94 Resp: 46931

Ion Ratio Lower Upper

94 100

65 36.3 25.6 65.6

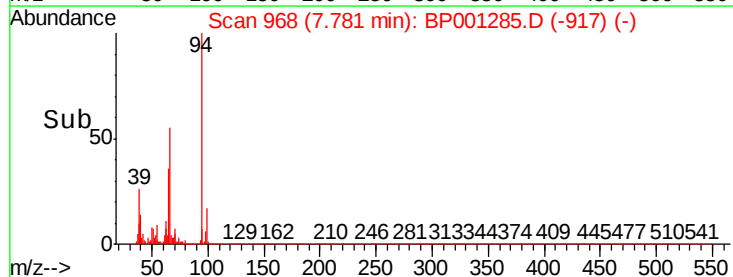
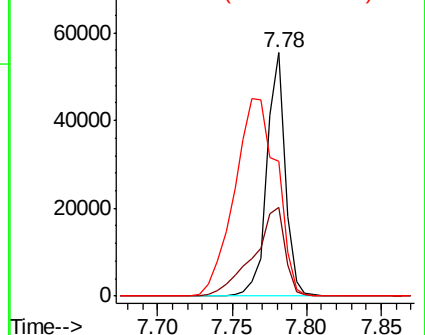
66 55.4 52.6 92.6

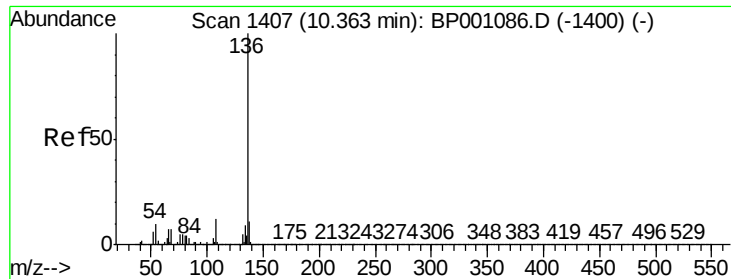


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

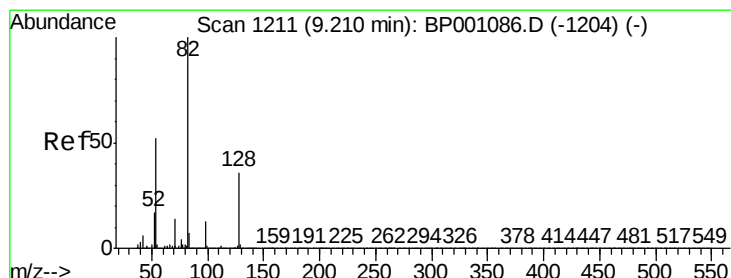
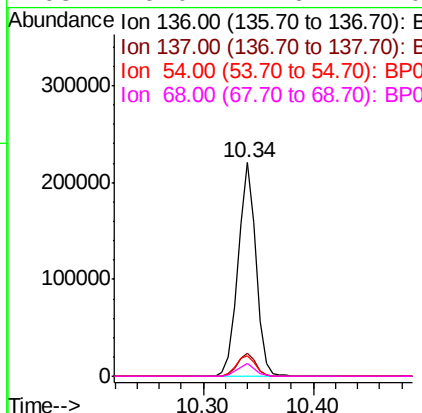
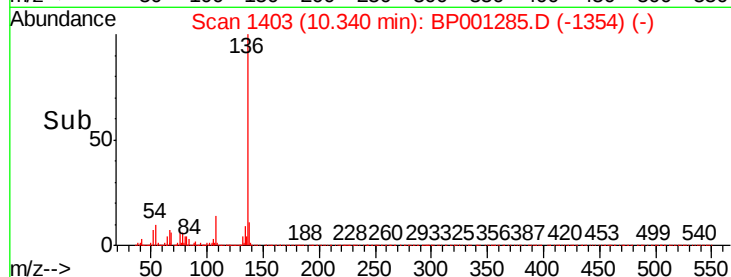
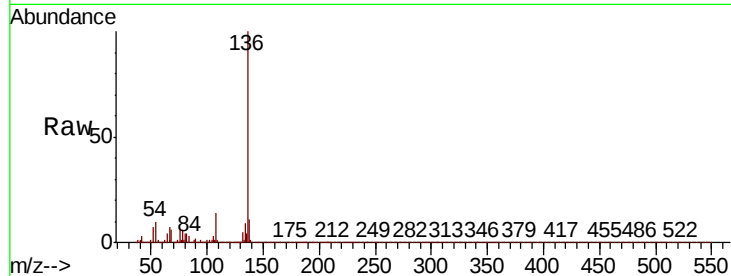




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

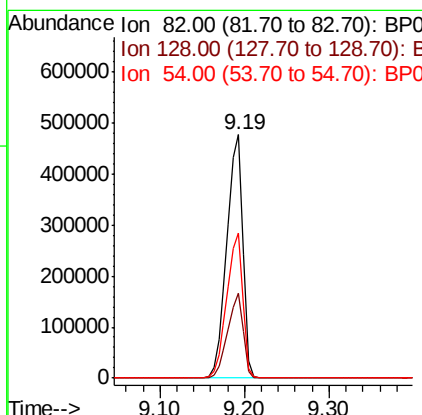
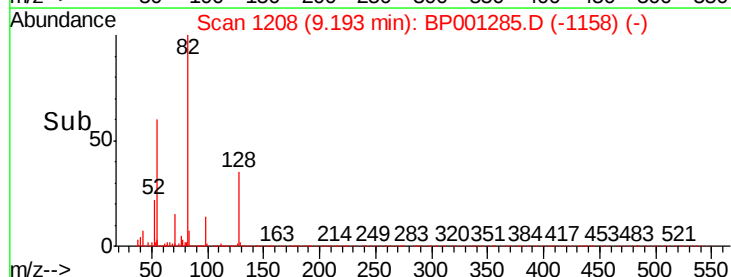
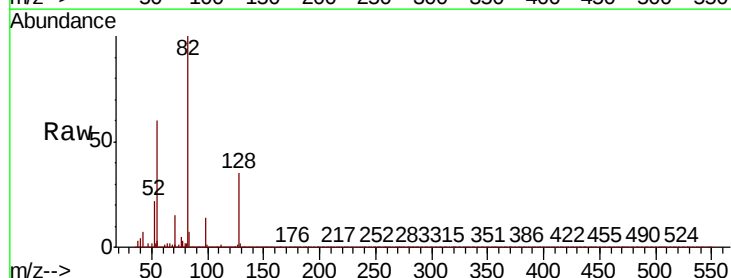
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-1

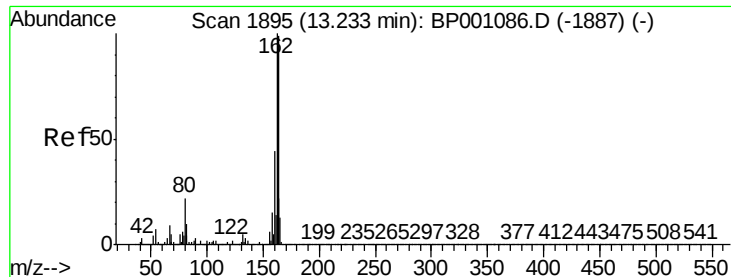
Tot Ion:136	Resp:	250422
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.4	12.6
54 9.7	7.4	11.0
68 6.0	4.6	7.0



#23
Nitrobenzene-d5
Concen: 108.417 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

Tgt	Ion: 82	Resp:	625782
Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.5	41.3
54	59.7	45.7	68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

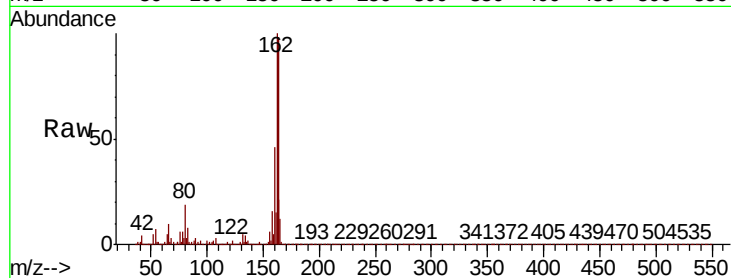
BNA_P

ClientSampleId :

SOIL-COMP-1

Tot Ion:164 Resp: 142515

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.7	121.1
160	46.7	36.3	54.5

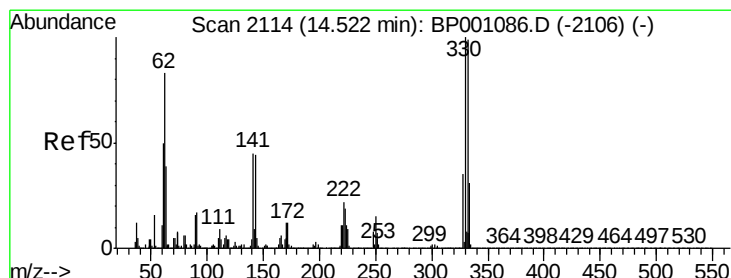
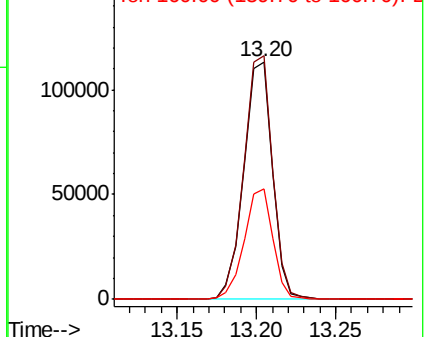
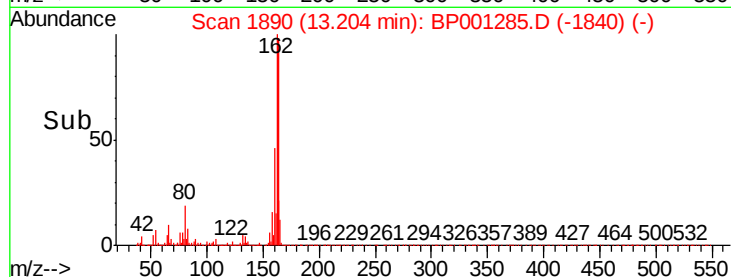


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 189.518 ng

RT: 14.50 min Scan# 2110

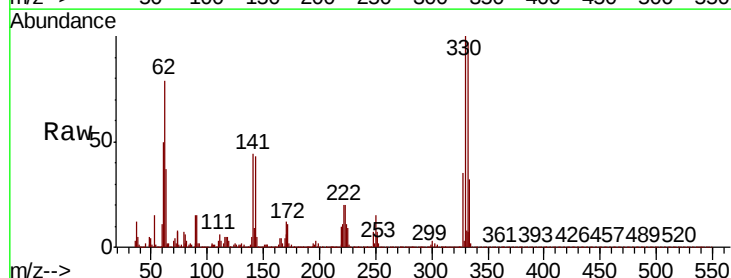
Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Tgt Ion:330 Resp: 258883

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	44.7	35.9	53.9

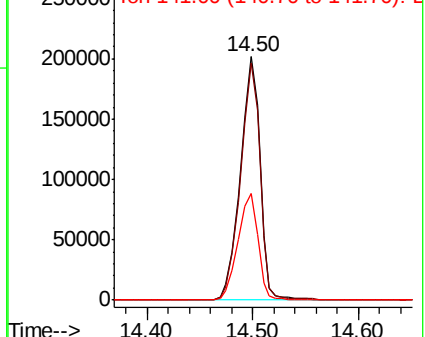
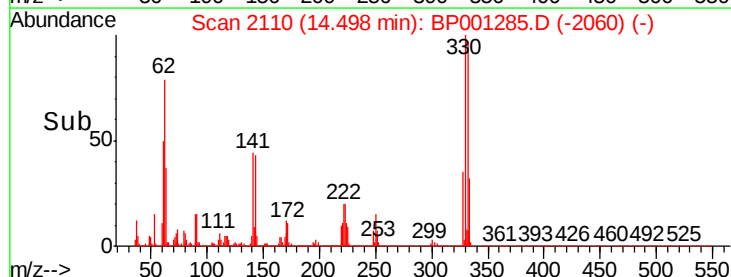


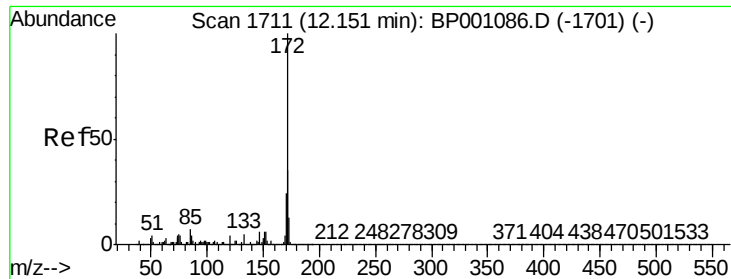
Abundance

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

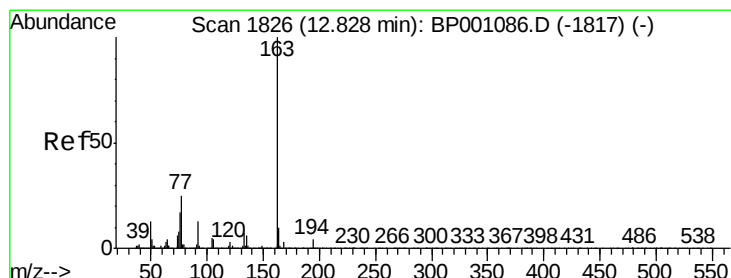
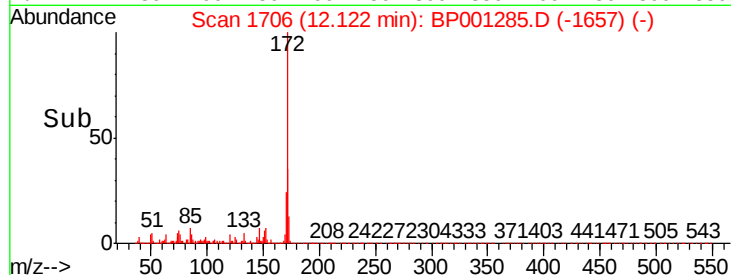
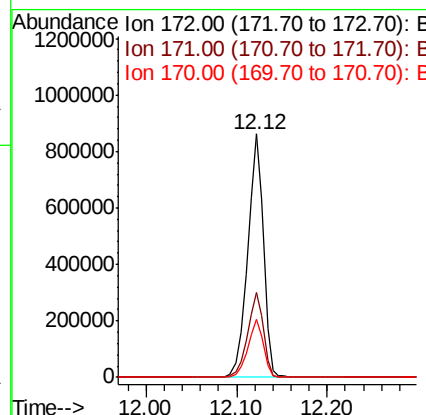
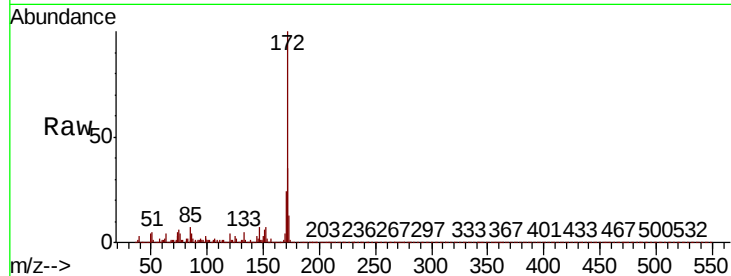




#45
2-Fluorobiphenyl
Concen: 106.860 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

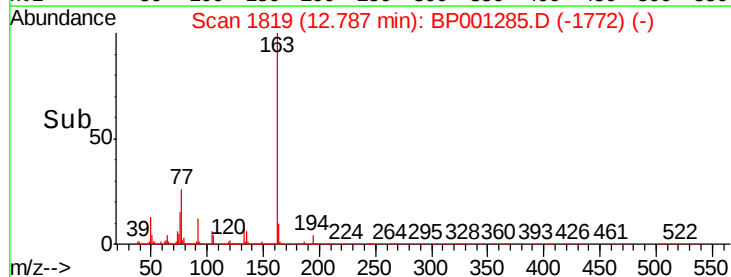
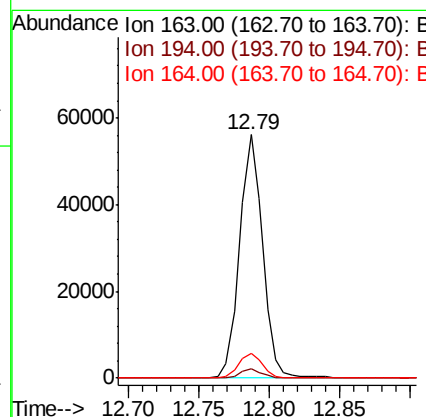
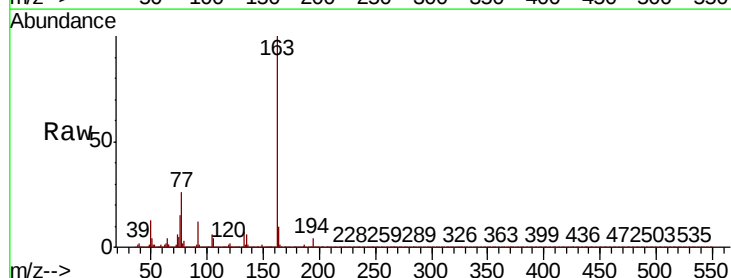
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-1

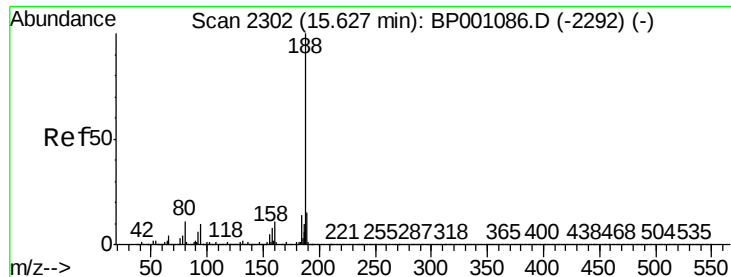
Tot Ion:172 Resp: 1040549
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 6.000 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

Tgt Ion:163 Resp: 63954
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-1

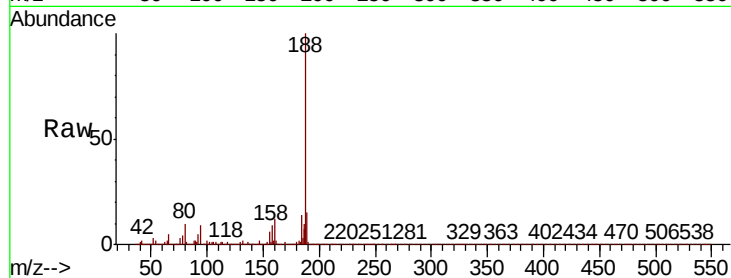
Tot Ion:188 Resp: 275146

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

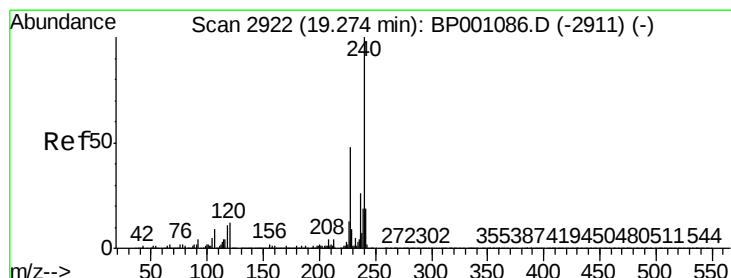
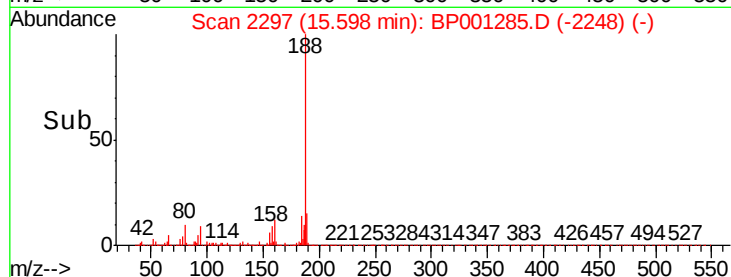
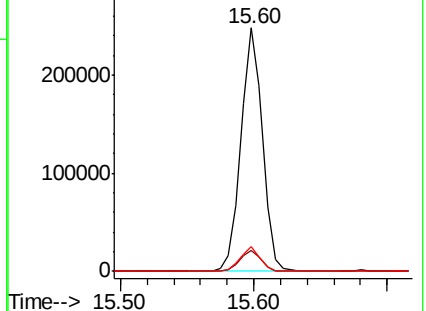
80 10.2 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

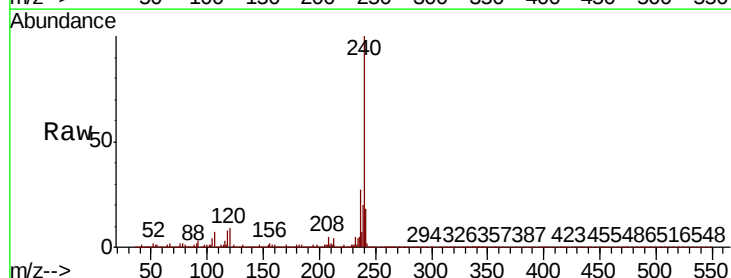
Tgt Ion:240 Resp: 224842

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

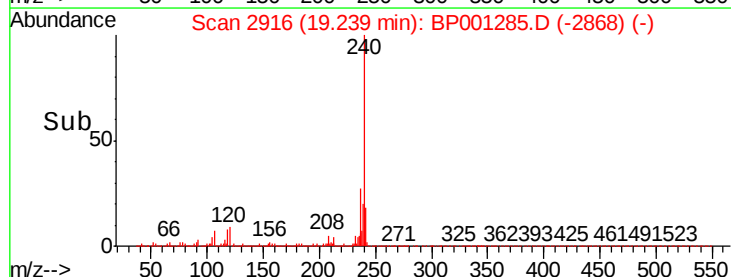
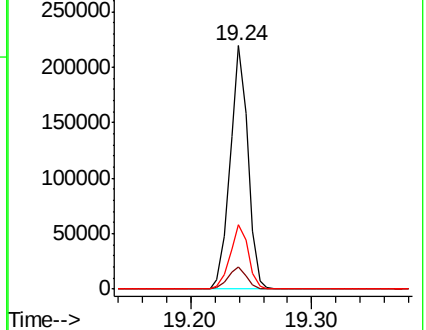
236 26.6 21.7 32.5

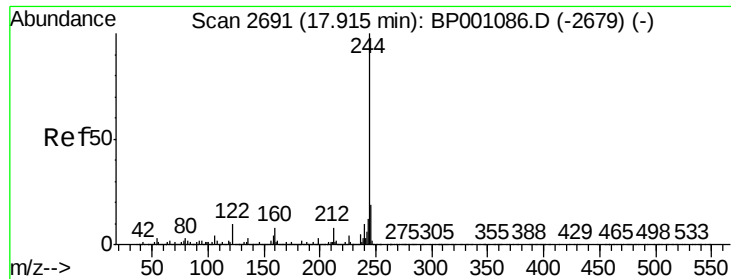


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.867 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-1

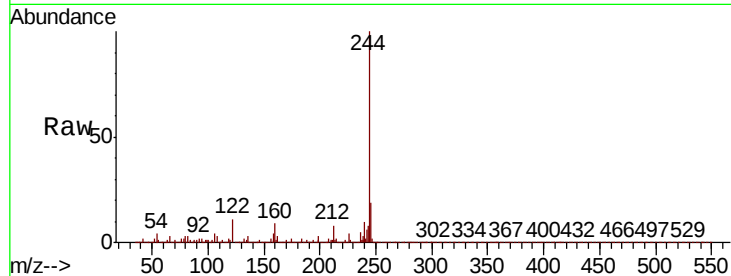
Tot Ion:244 Resp: 1286599

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

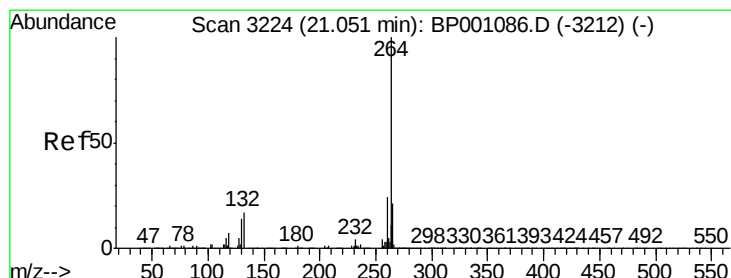
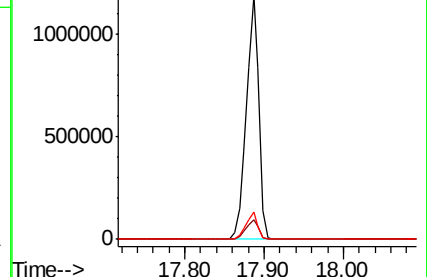
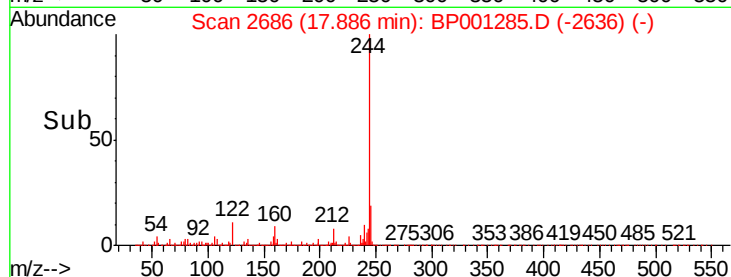
122 11.0 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

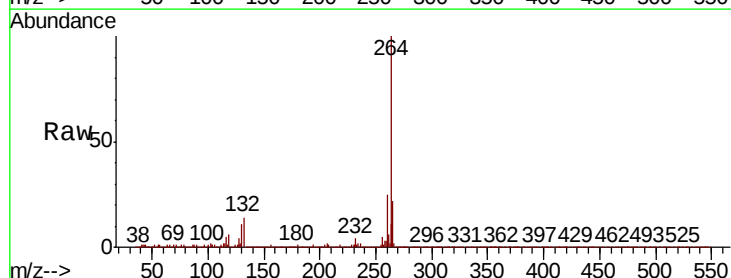
Tgt Ion:264 Resp: 245048

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.9 17.1 25.7



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

