

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001284.D
 Acq On : 09 Dec 2019 22:14
 Operator : JU
 Sample : K6188-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Dec 10 05:43:27 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

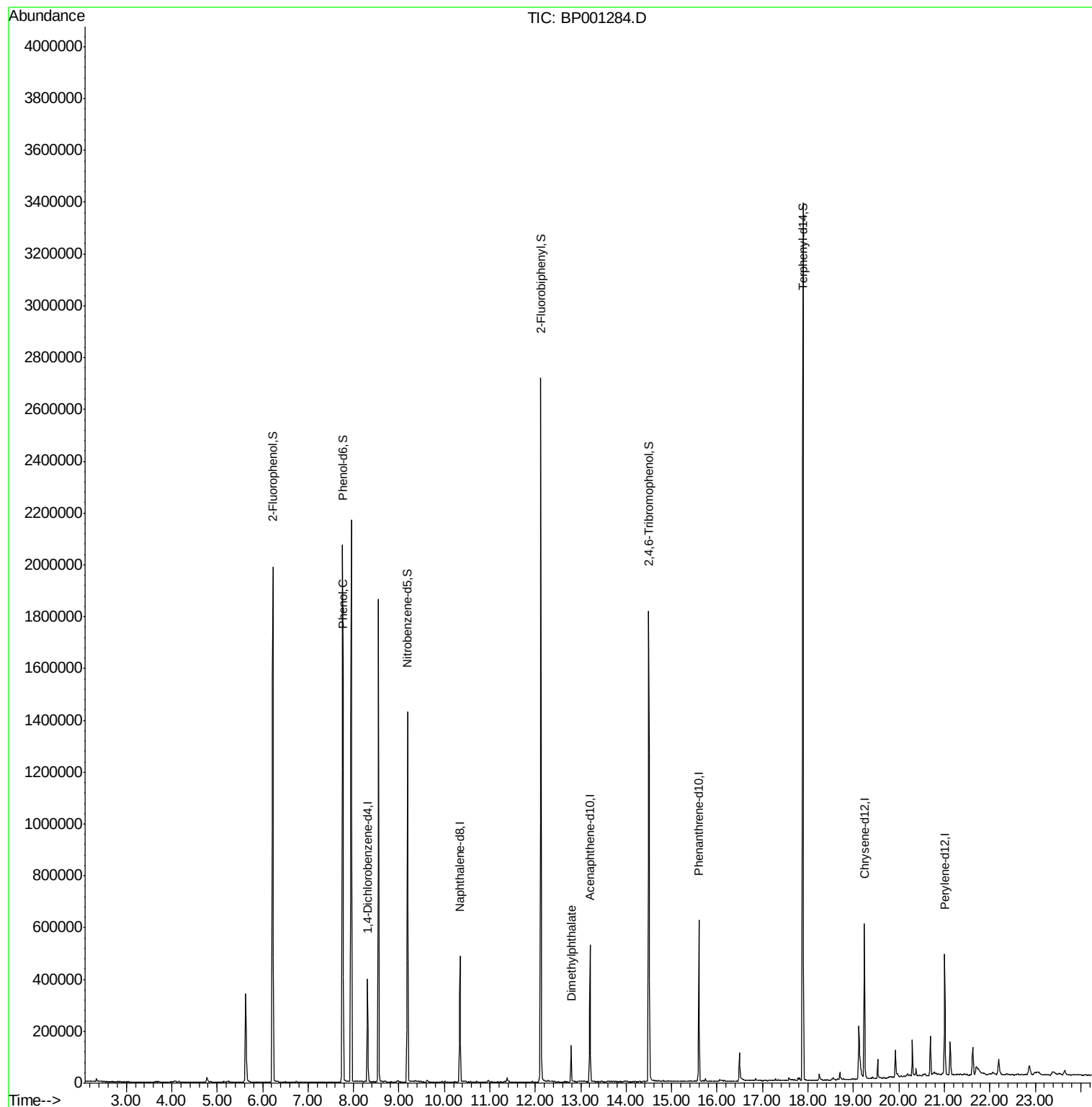
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	66499	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	242035	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	140172	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	270021	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	217533	20.00	ng	-0.02
87) Perylene-d12	21.01	264	237698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	619412	154.54	ng	0.01
7) Phenol-d6	7.76	99	861239	161.28	ng	0.00
23) Nitrobenzene-d5	9.19	82	597996	107.19	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	239615	178.34	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1023861	106.90	ng	-0.01
79) Terphenyl-d14	17.89	244	1284113	109.21	ng	0.00
Target Compounds						
10) Phenol	7.77	94	46762	7.699	ng	90
50) Dimethylphthalate	12.79	163	63284	6.037	ng	99

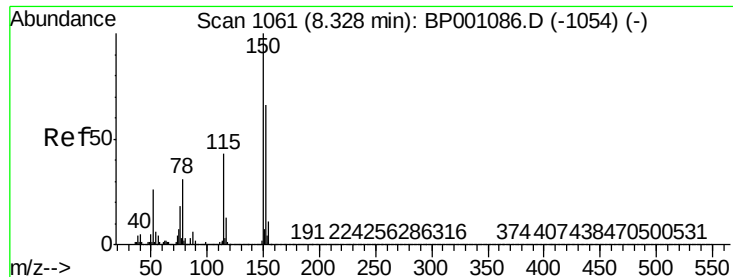
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

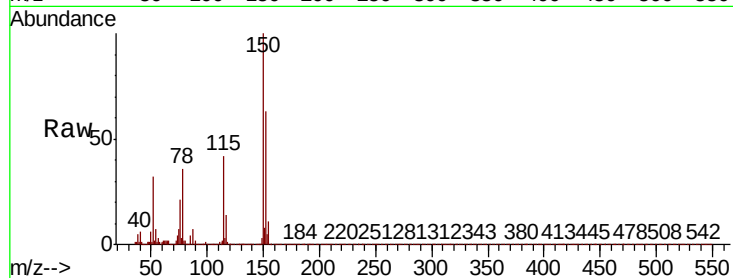
Tot Ion:152 Resp: 66499

Ion Ratio Lower Upper

152 100

150 157.7 127.3 190.9

115 67.0 56.0 84.0

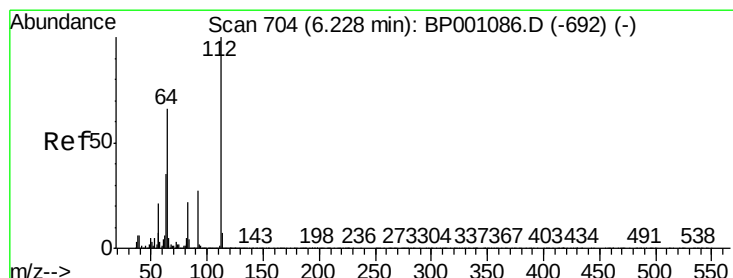
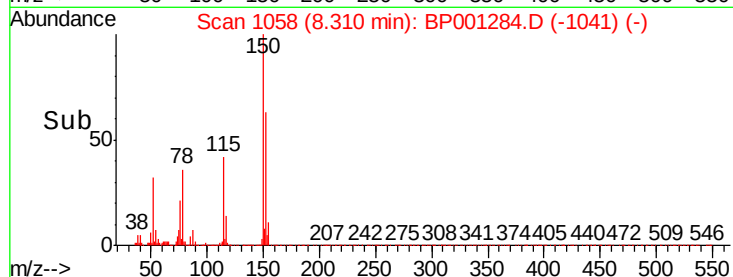
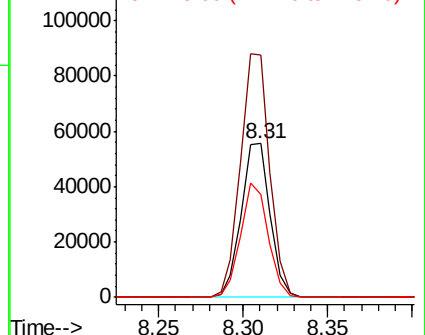


Abundance

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: 154.537 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

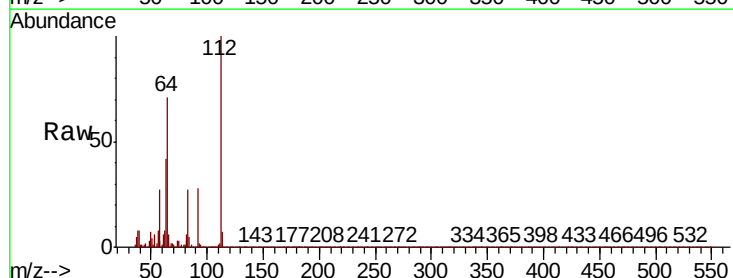
Tgt Ion:112 Resp: 619412

Ion Ratio Lower Upper

112 100

64 71.1 56.8 85.2

63 41.9 32.2 48.2

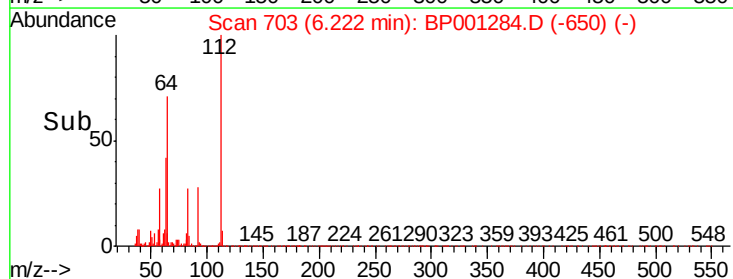
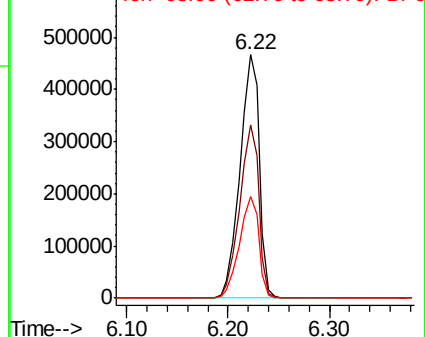


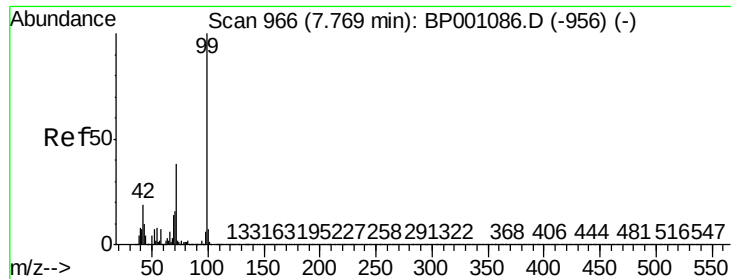
Abundance

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: 161.284 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

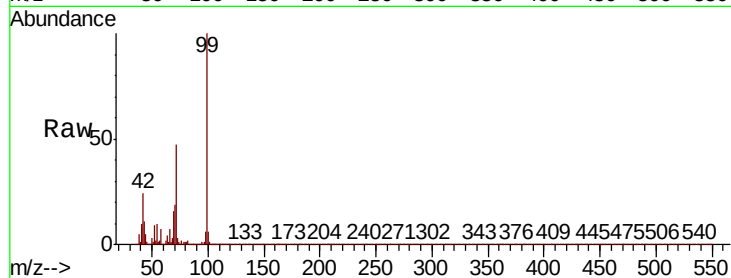
Tot Ion: 99 Resp: 861239

Ion Ratio Lower Upper

99 100

42 23.7 17.6 26.4

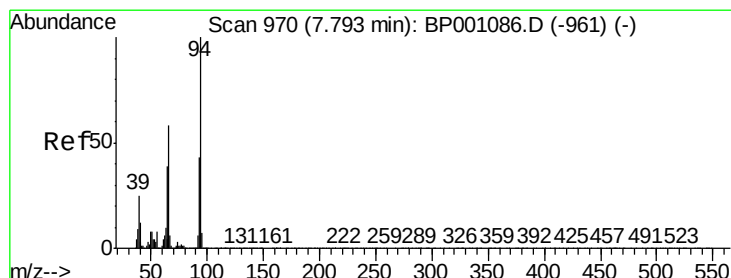
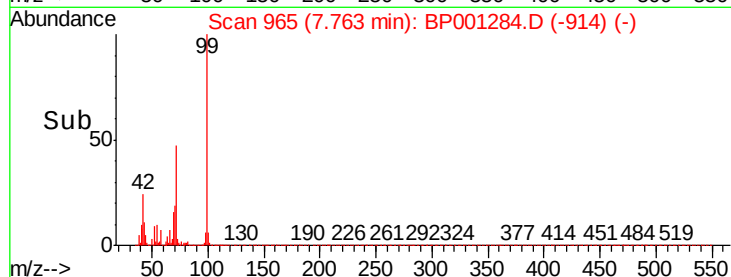
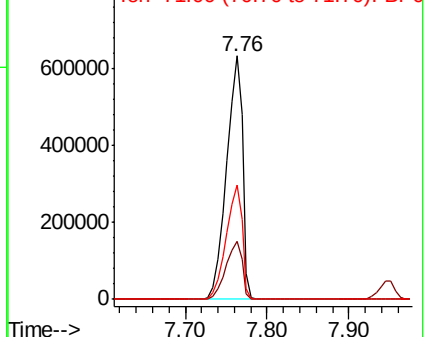
71 47.0 33.8 50.8



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: 7.699 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

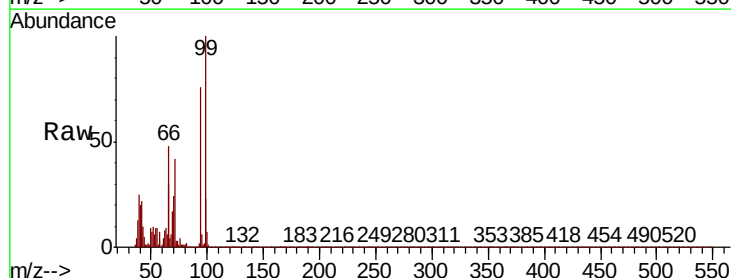
Tgt Ion: 94 Resp: 46762

Ion Ratio Lower Upper

94 100

65 39.6 25.6 65.6

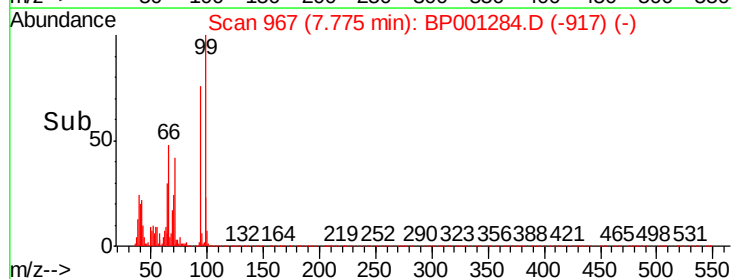
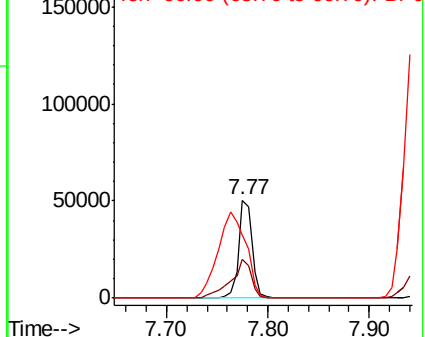
66 63.8 52.6 92.6

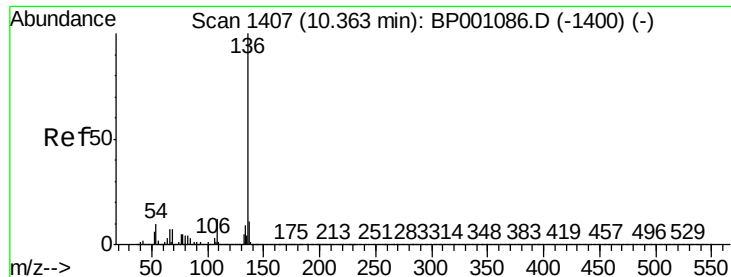


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

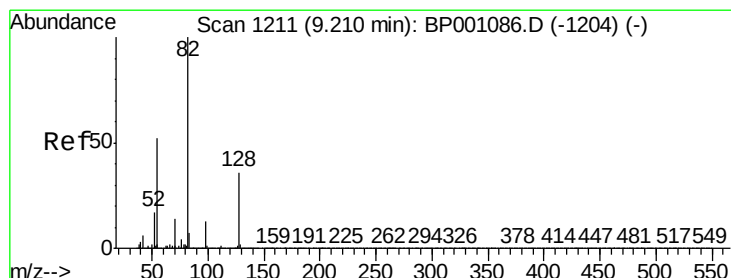
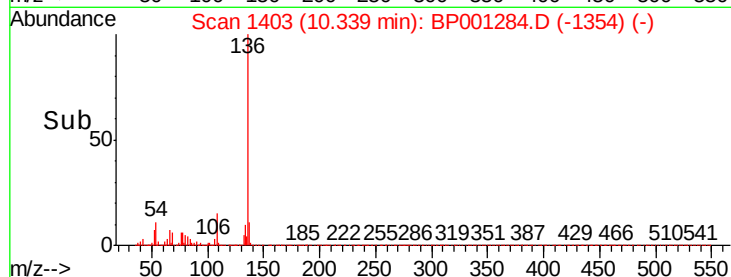
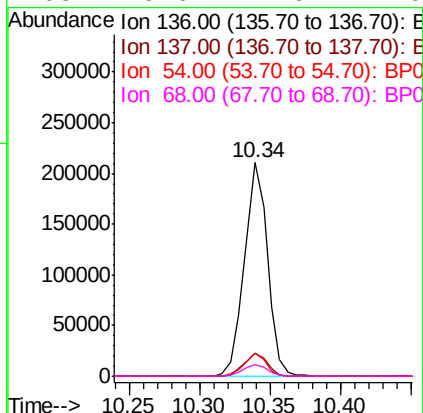
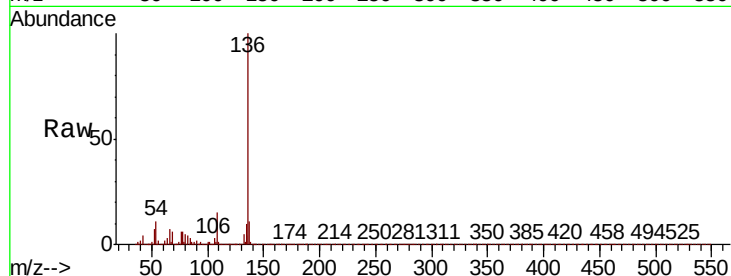




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

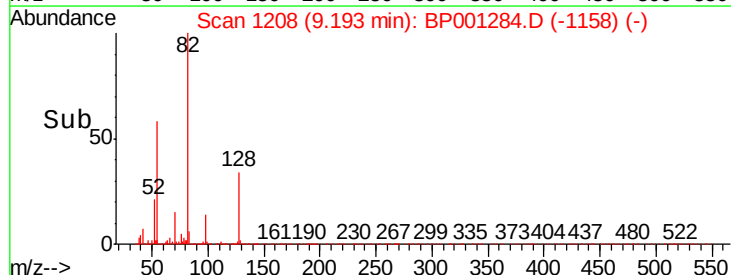
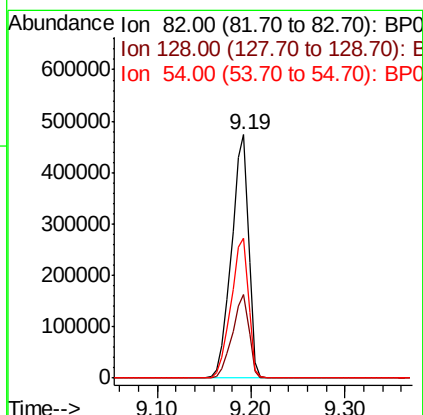
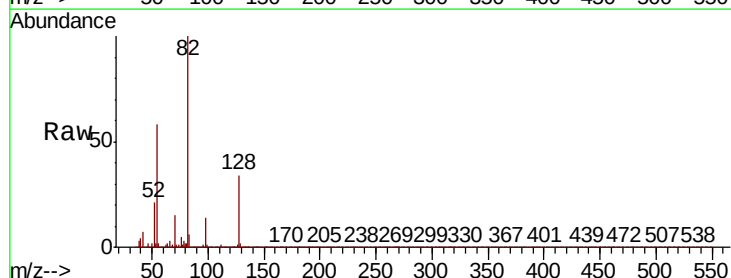
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

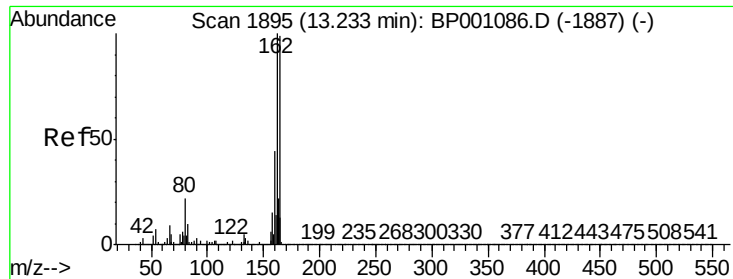
Tot Ion:136	Resp:	242035
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.4	12.6
54 10.6	7.4	11.0
68 5.6	4.6	7.0



#23
Nitrobenzene-d5
Concen: 107.193 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion: 82	Resp: 597996
Ion Ratio	Lower Upper
82 100	
128 34.3	27.5 41.3
54 57.5	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: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

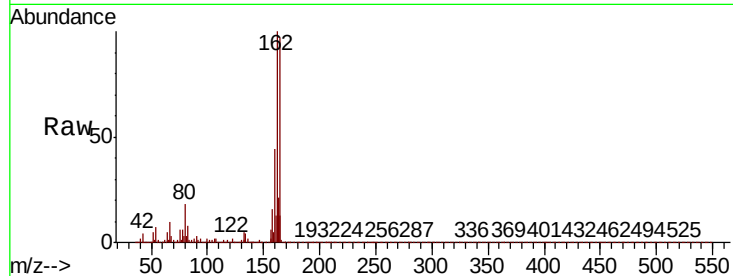
Tot Ion:164 Resp: 140172

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

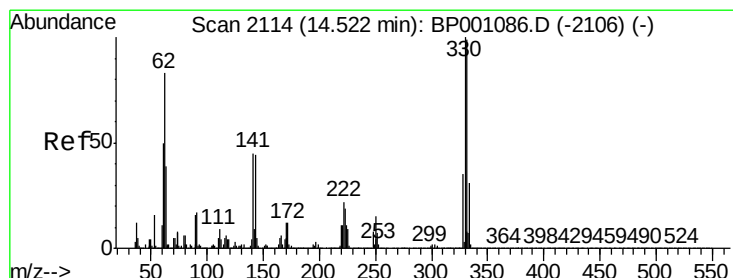
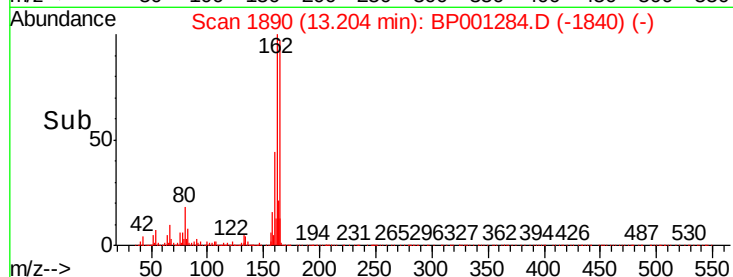
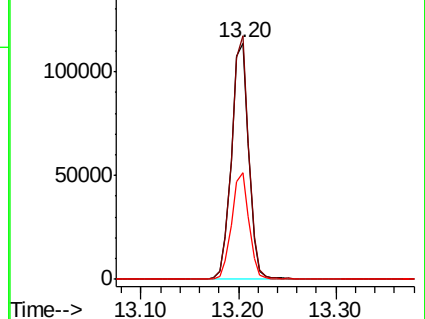
160 45.2 36.3 54.5



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: 178.345 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

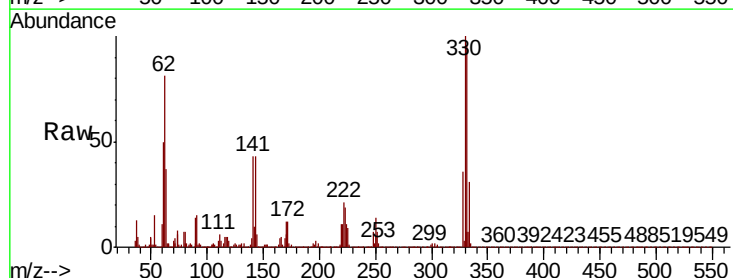
Tgt Ion:330 Resp: 239615

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

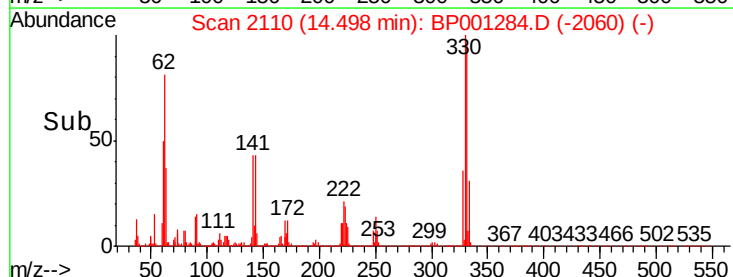
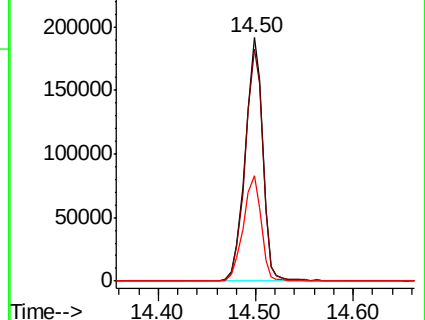
141 44.5 35.9 53.9

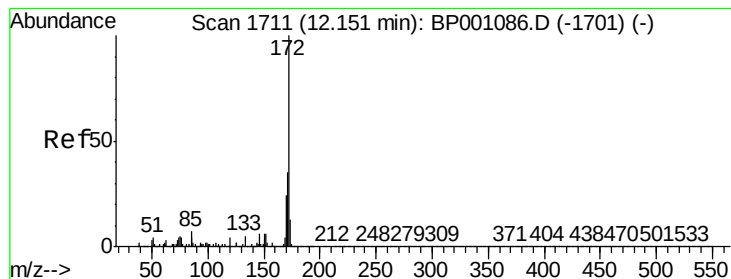


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 106.904 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

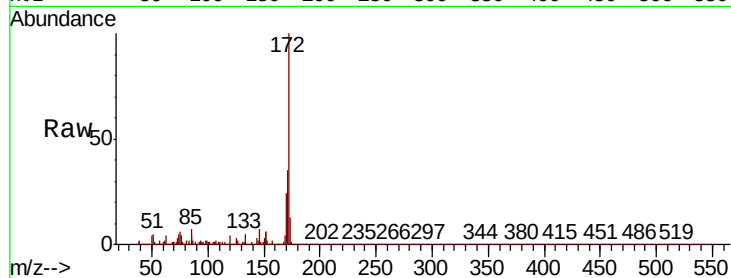
BNA_P

ClientSampled :

SOIL-COMP-2

Tot Ion:172 Resp: 1023861

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.6	19.2	28.8

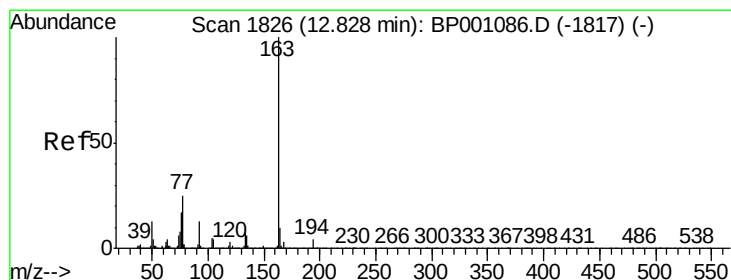
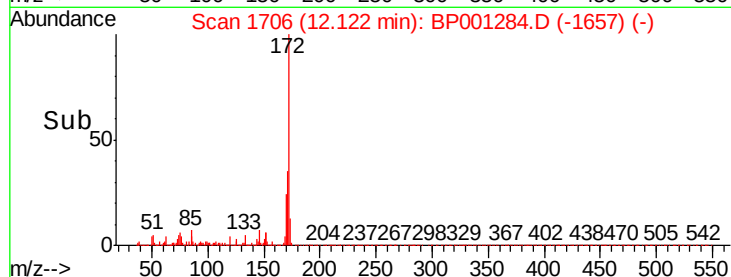
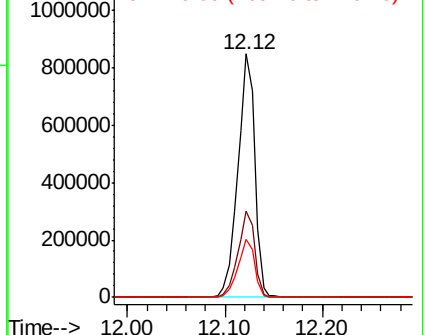


Abundance

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: 6.037 ng

RT: 12.79 min Scan# 1819

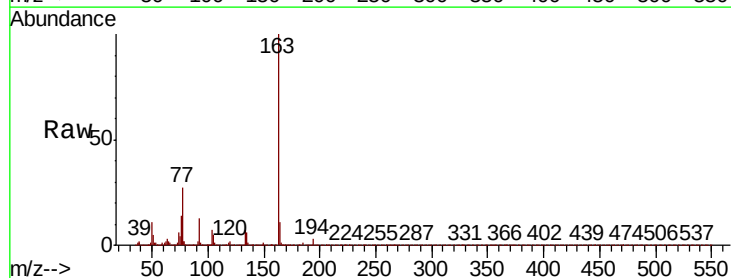
Delta R.T. -0.02 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Tgt Ion:163 Resp: 63284

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.8	8.2	12.4

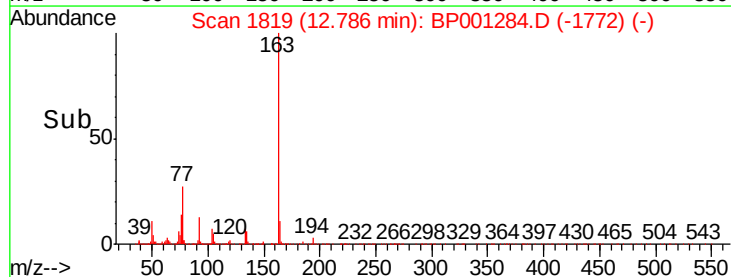
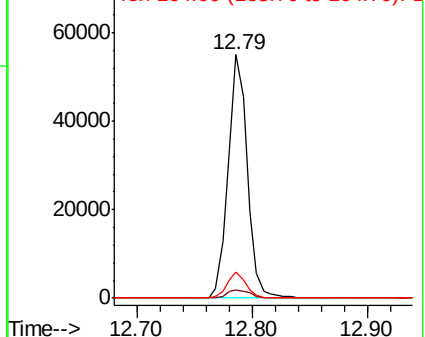


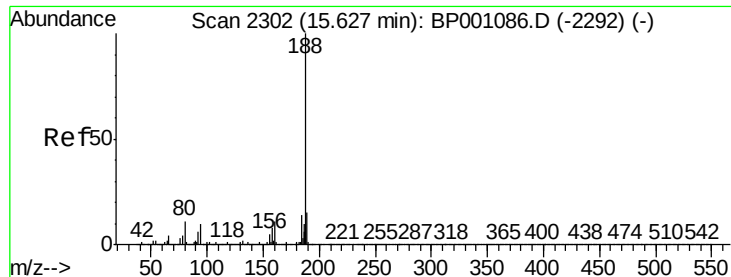
Abundance

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

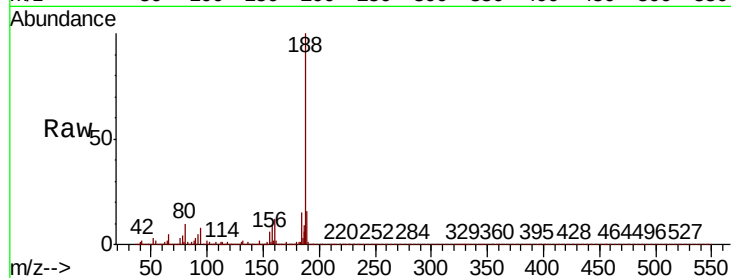




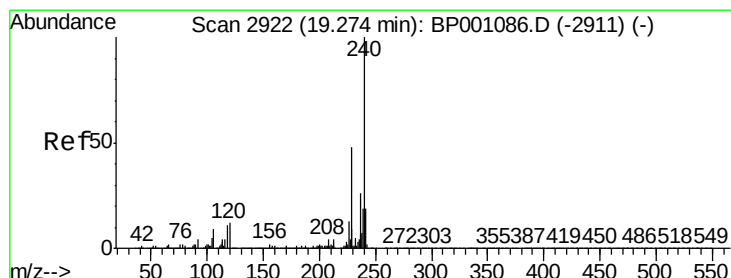
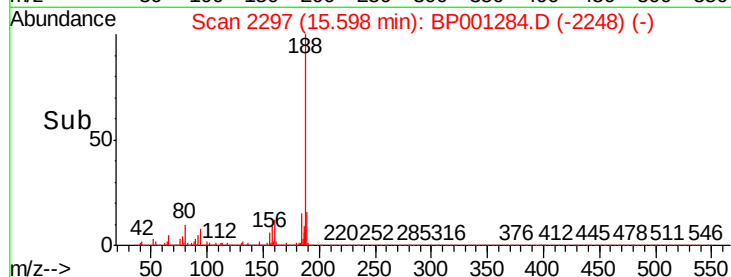
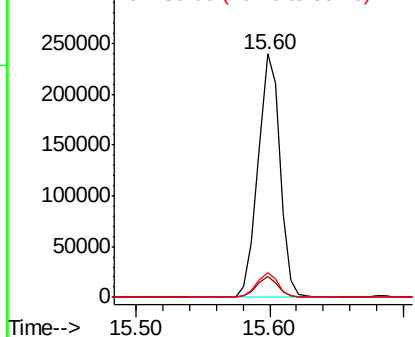
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

Tot Ion:188 Resp: 270021
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.9 7.8 11.6

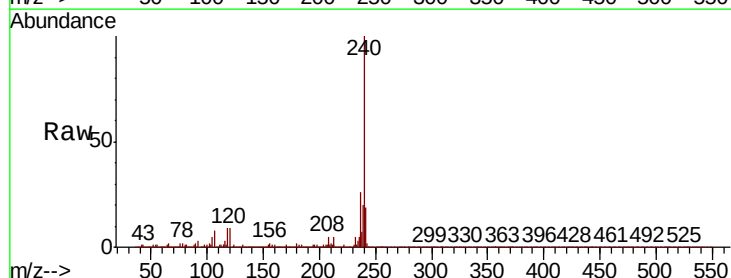


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

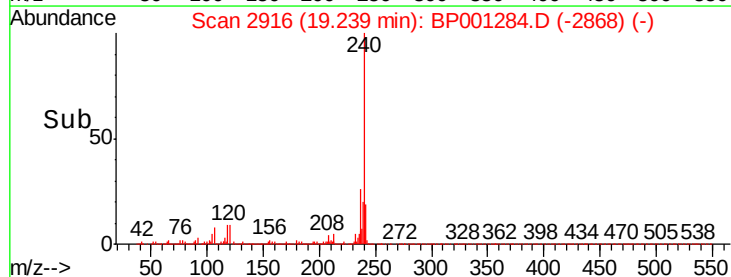
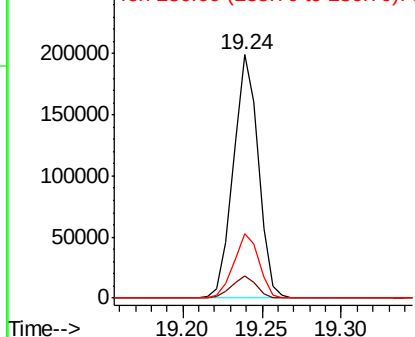


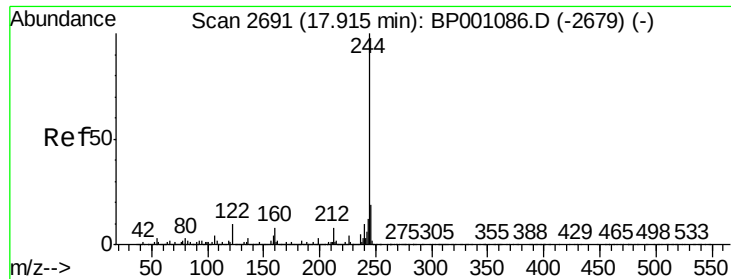
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001284.D
Acq: 09 Dec 2019 22:14

Tgt Ion:240 Resp: 217533
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.4 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: 109.212 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001284.D

Acq: 09 Dec 2019 22:14

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

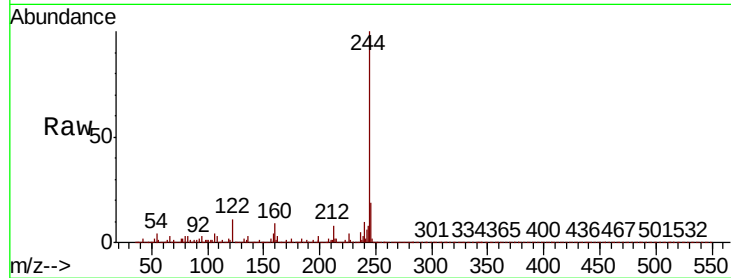
Tot Ion:244 Resp: 1284113

Ion Ratio Lower Upper

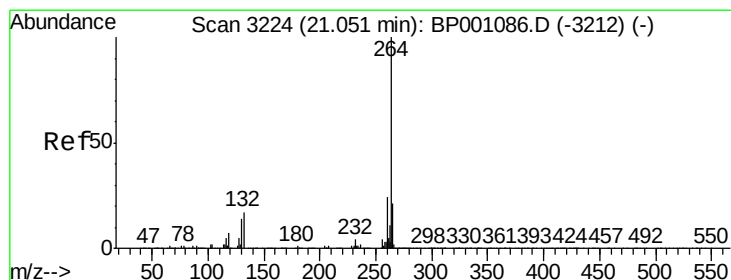
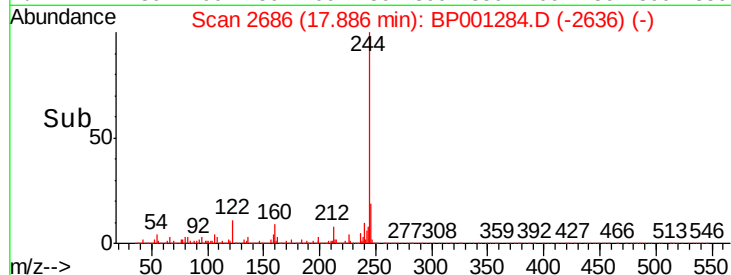
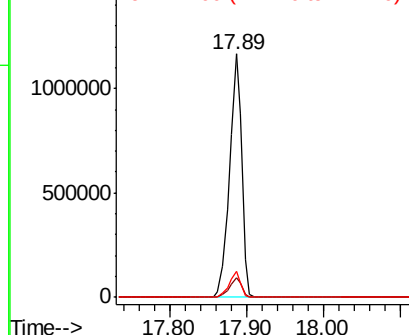
244 100

212 8.2 6.6 9.8

122 10.9 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: BP001284.D

Acq: 09 Dec 2019 22:14

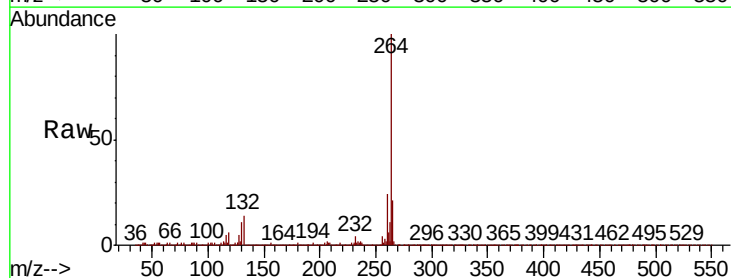
Tgt Ion:264 Resp: 237698

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 20.7 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

