

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003063.D
 Acq On : 20 Aug 2020 13:42
 Operator : CG/JU
 Sample : L3713-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SIDEWALK-CONCRETE

Quant Time: Aug 20 14:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

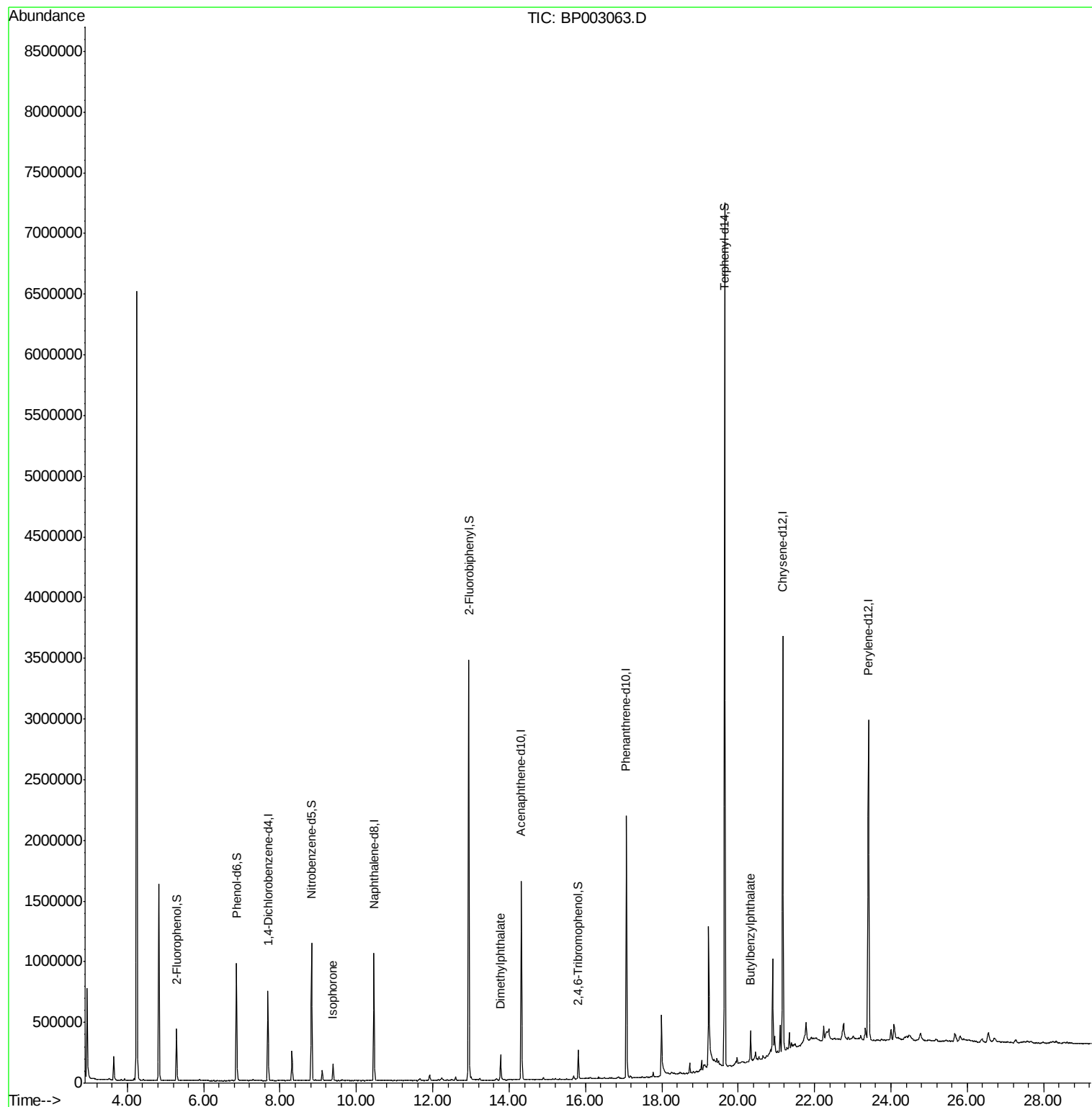
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	235360	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	947999	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	607972	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1344343	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1580056	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1939680	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	229346	14.91	ng	0.00
7) Phenol-d6	6.86	99	663383	31.07	ng	-0.01
23) Nitrobenzene-d5	8.82	82	653615	37.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	51230	6.78	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2017797	45.35	ng	-0.01
79) Terphenyl-d14	19.65	244	3135900	39.73	ng	-0.01
Target Compounds						
25) Isophorone	9.39	82	102931	2.737	ng	99
50) Dimethylphthalate	13.77	163	162577	3.419	ng	99
80) Butylbenzylphthalate	20.33	149	70569	4.530	ng	99

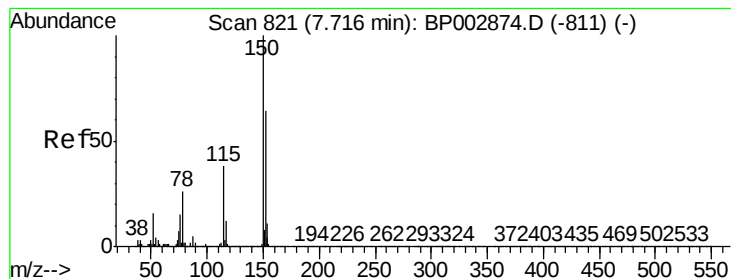
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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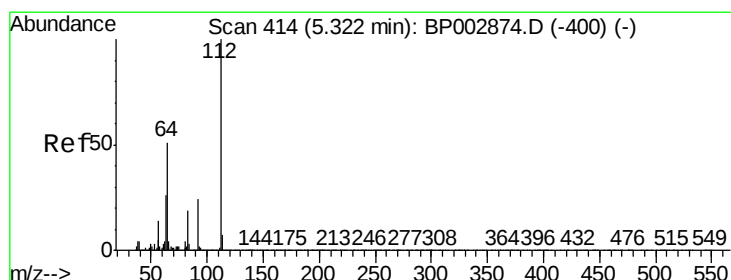
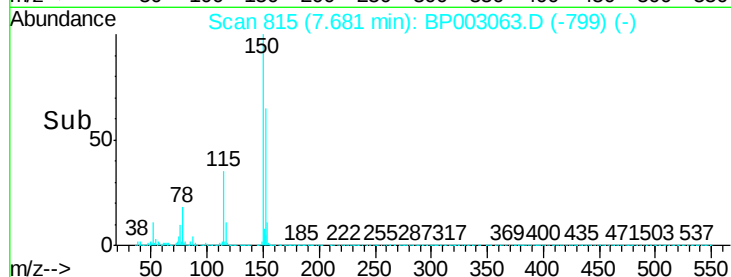
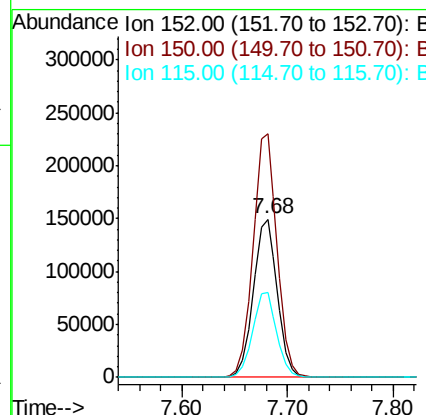
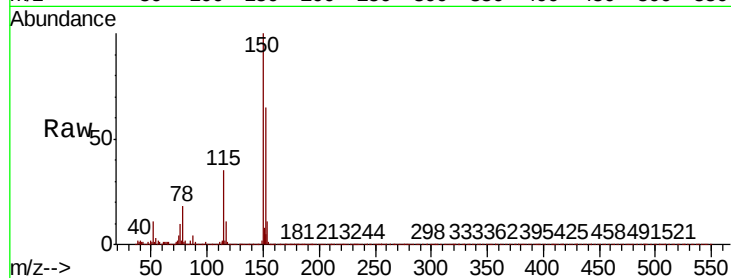


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

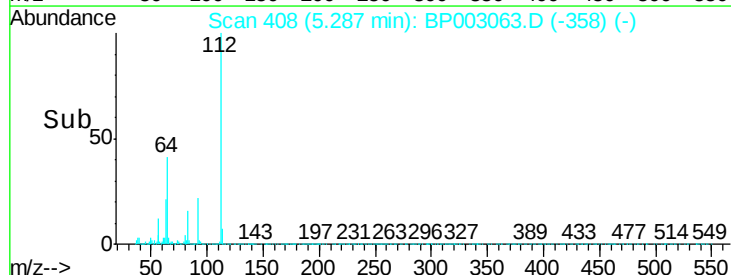
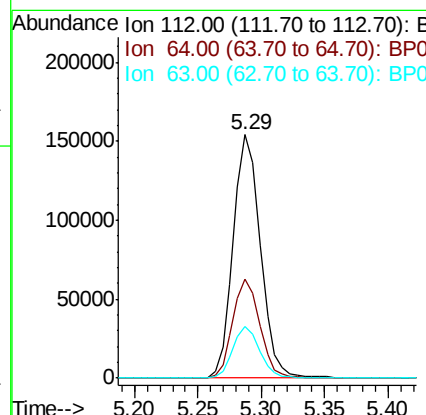
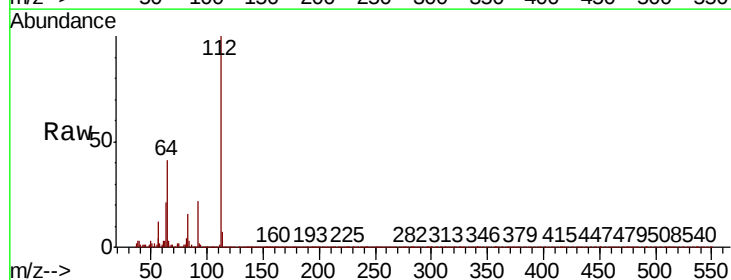
Tot Ion	152	Resp	235360
Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.1	189.1
115	53.4	43.4	65.2

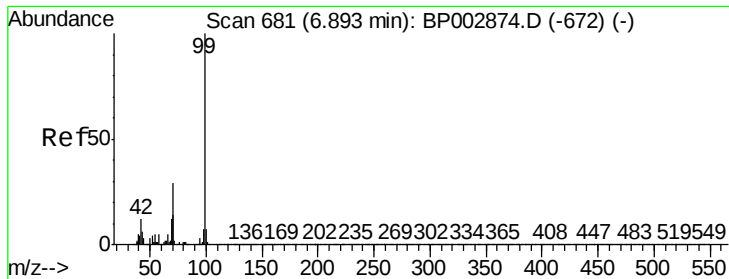


#5

2-Fluorophenol
Concen: 14.914 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Tgt Ion	112	Resp	229346
Ion	Ratio	Lower	Upper
112	100		
64	40.6	33.4	50.2
63	21.0	17.4	26.0





#7

Phenol-d6

Concen: 31.071 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

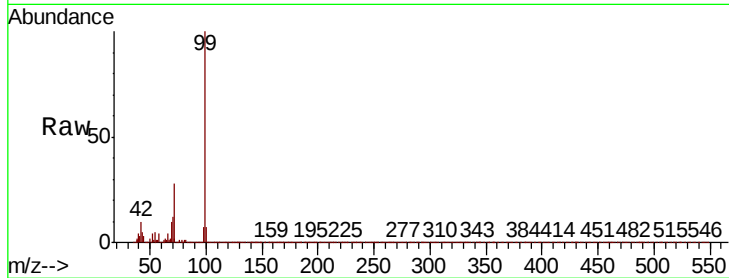
Tot Ion: 99 Resp: 663383

Ion Ratio Lower Upper

99 100

42 10.5 8.0 12.0

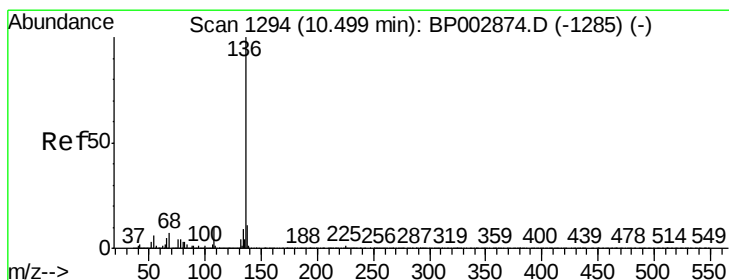
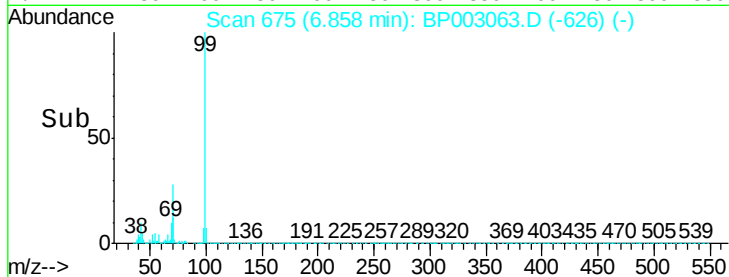
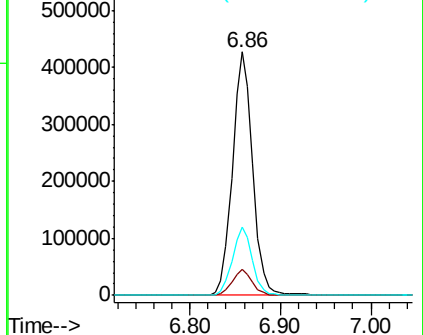
71 27.8 21.3 31.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Tgt Ion: 136 Resp: 947999

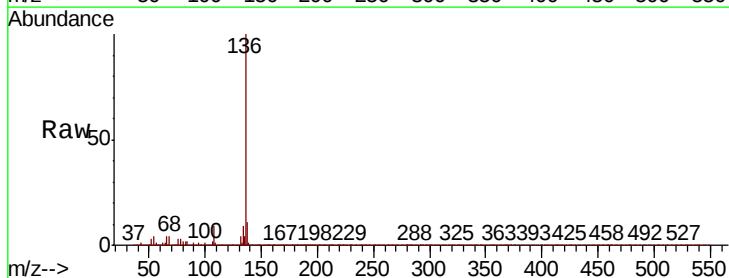
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.4 3.8 5.8

68 4.3 3.8 5.8

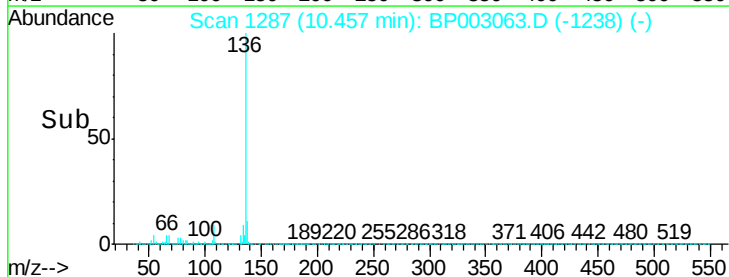
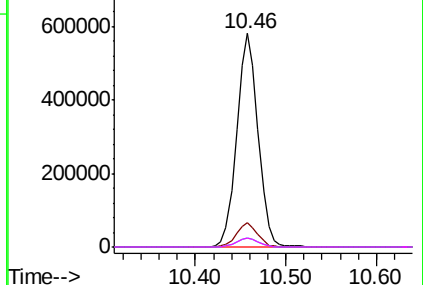


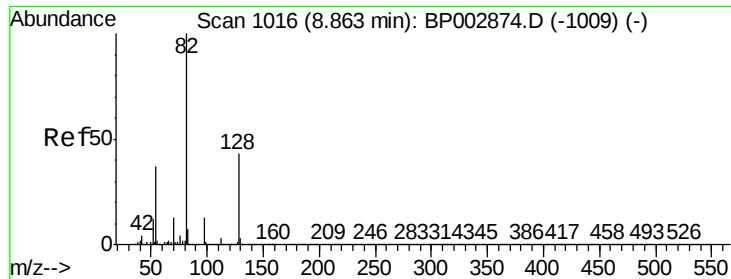
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

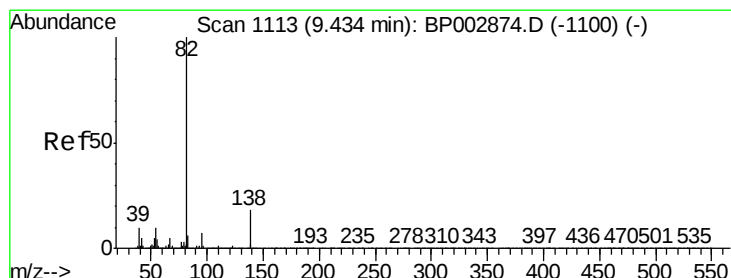
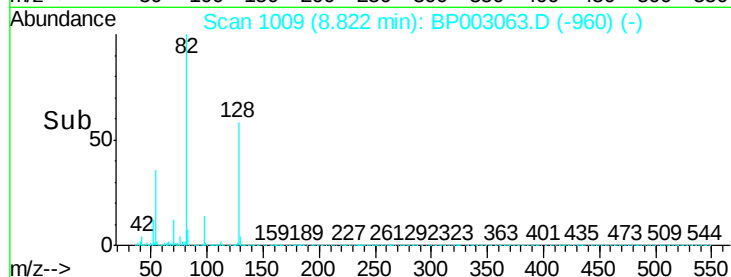
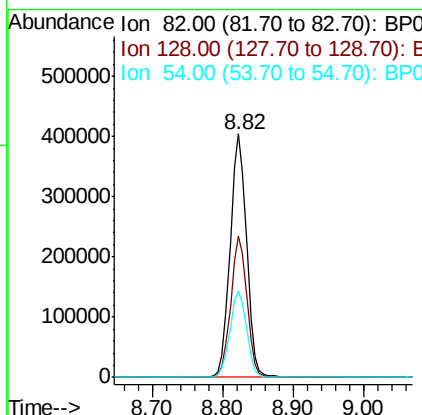
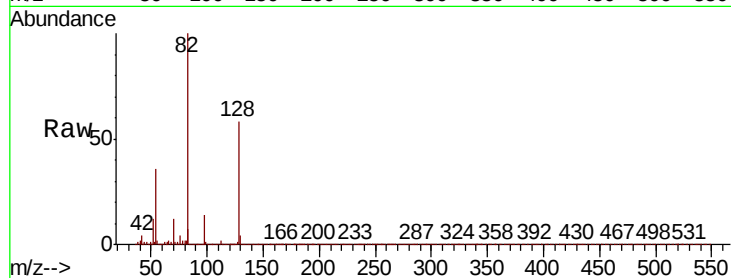




#23
Nitrobenzene-d5
Concen: 37.343 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

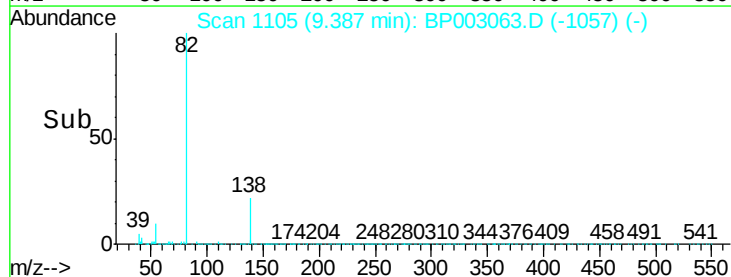
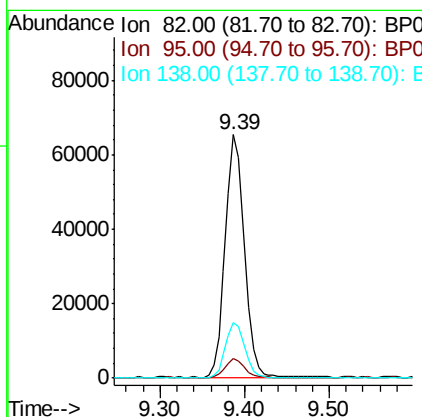
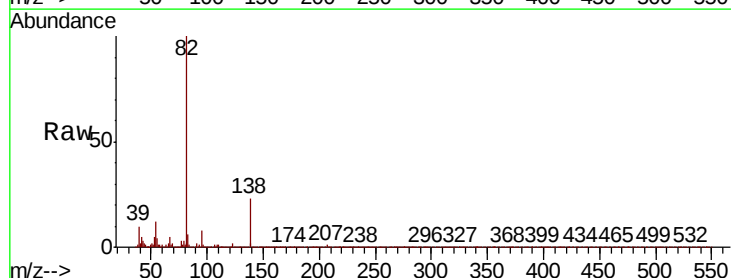
Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

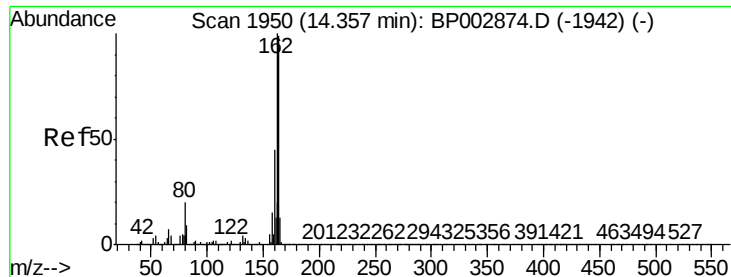
Tot Ion	82	Resp	653615
Ion Ratio	Lower	Upper	
82	100		
128	57.9	45.1	67.7
54	35.6	28.8	43.2



#25
Isophorone
Concen: 2.737 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Tgt Ion	82	Resp	102931
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.1	9.1
138	22.7	18.8	28.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

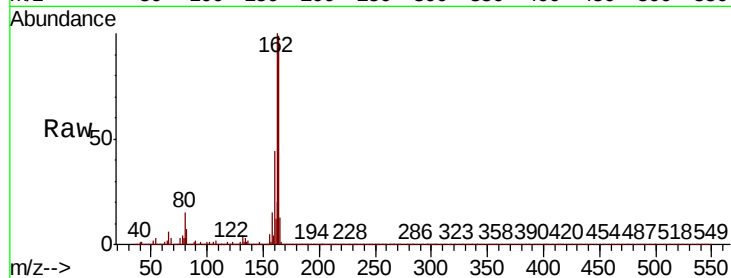
Tot Ion:164 Resp: 607972

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

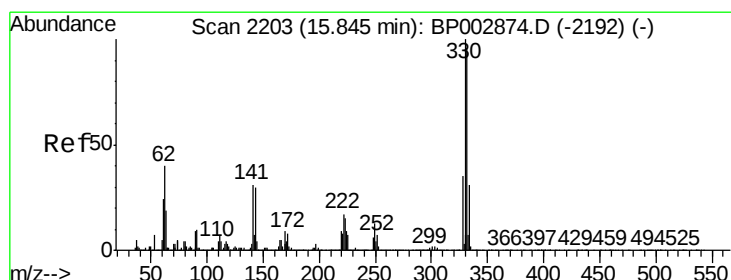
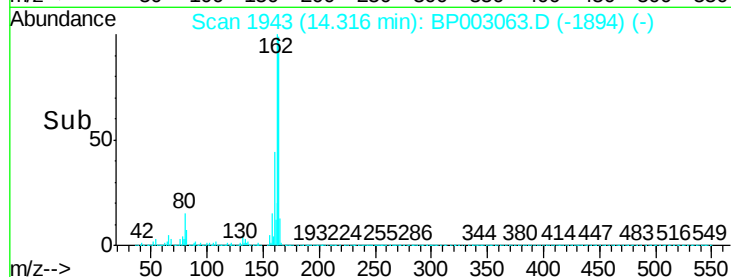
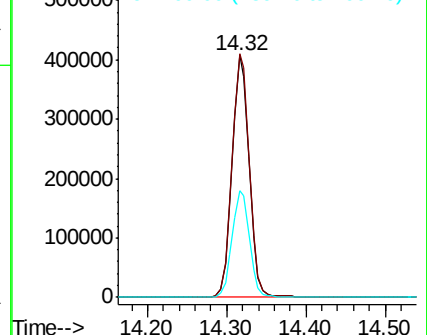
160 44.4 35.5 53.3



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: 6.780 ng

RT: 15.81 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

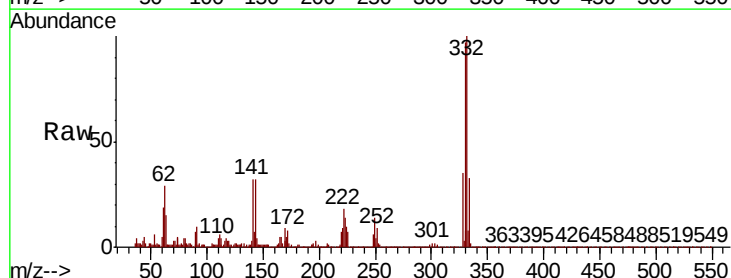
Tgt Ion:330 Resp: 51230

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

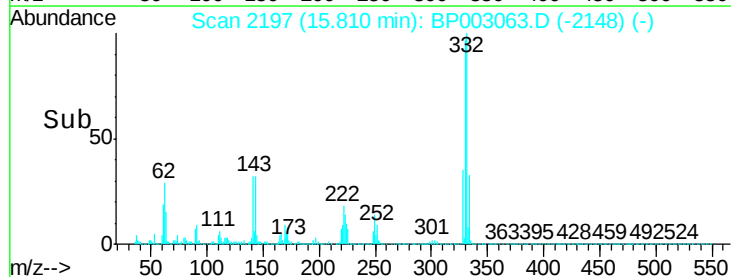
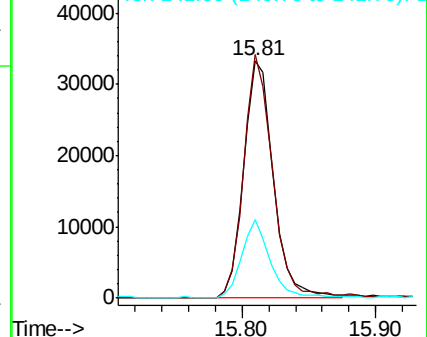
141 31.1 26.7 40.1

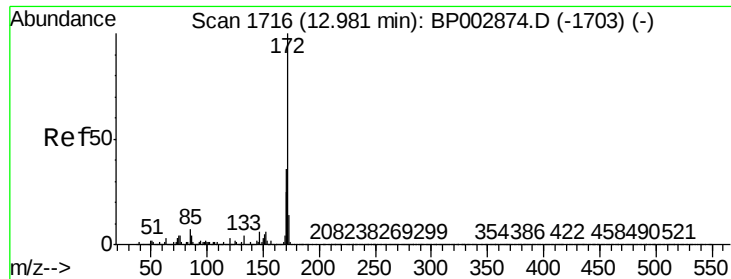


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

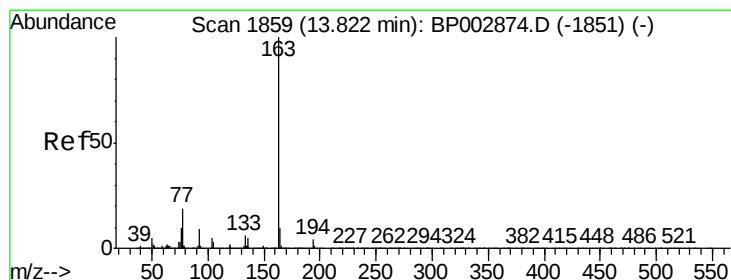
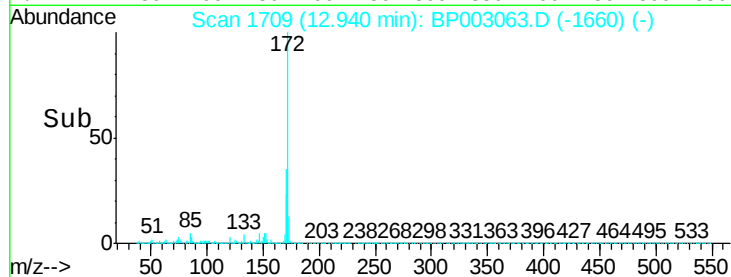
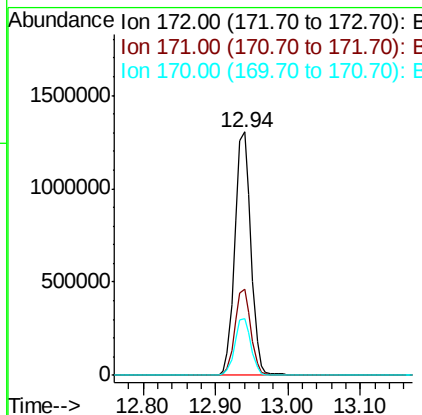
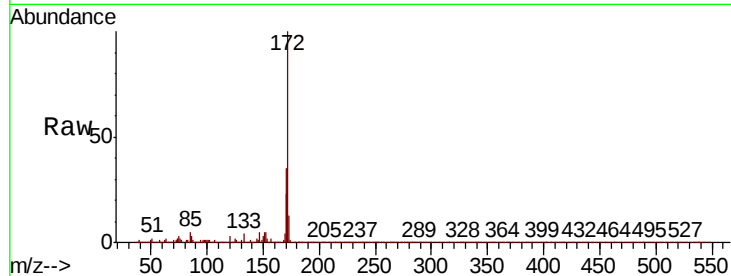




#45
2-Fluorobiphenyl
Concen: 45.346 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

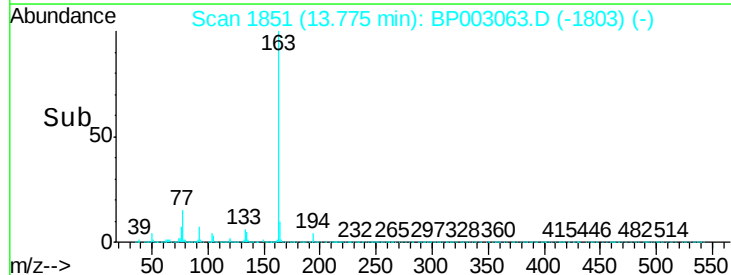
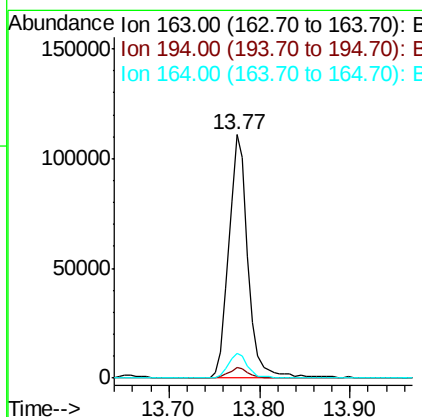
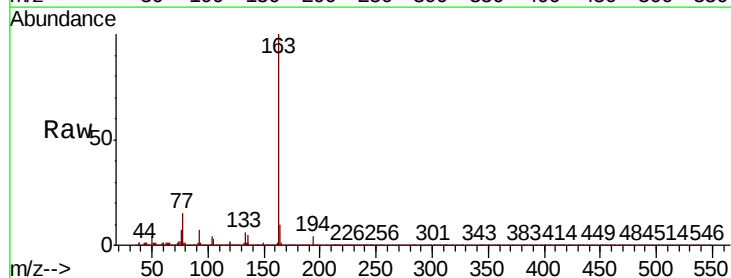
Instrument :
BNA_P
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SIDEWALK-CONCRETE

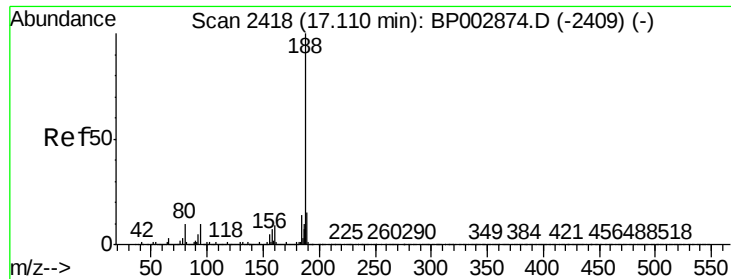
Tot Ion:172 Resp: 2017797
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.4 19.1 28.7



#50
Dimethylphthalate
Concen: 3.419 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Tgt Ion:163 Resp: 162577
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

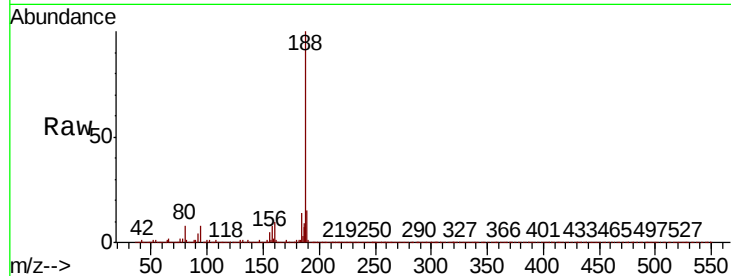
Tot Ion:188 Resp: 1344343

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

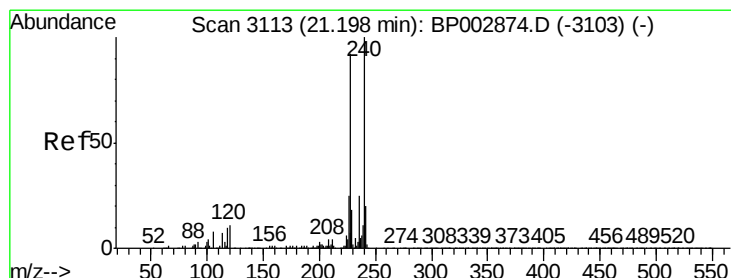
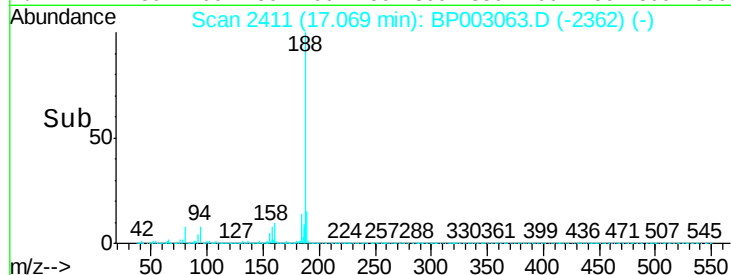
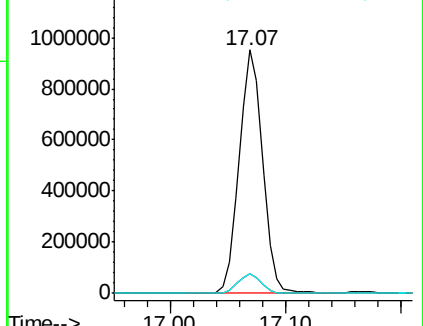
80 8.0 6.7 10.1



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

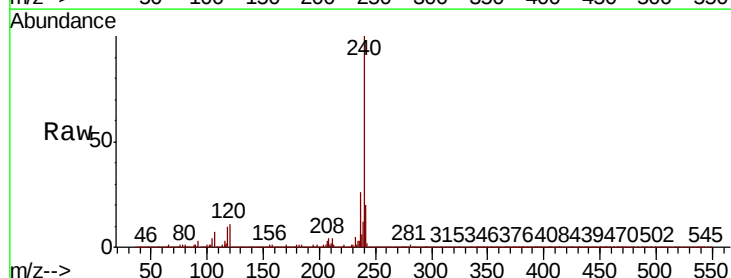
Tgt Ion:240 Resp: 1580056

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

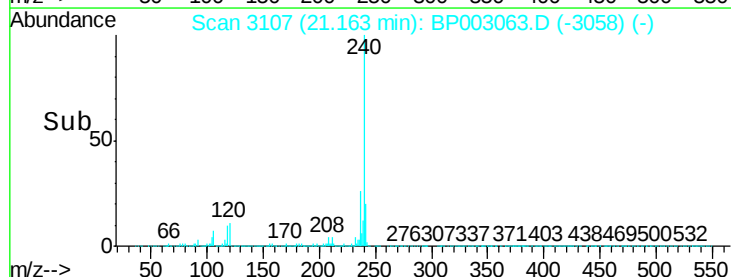
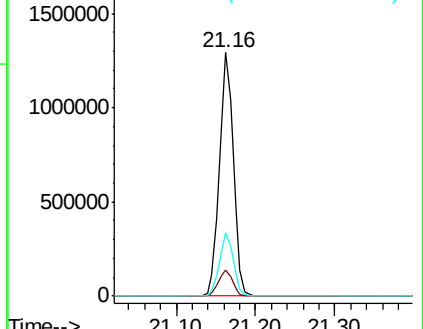
236 26.0 20.8 31.2

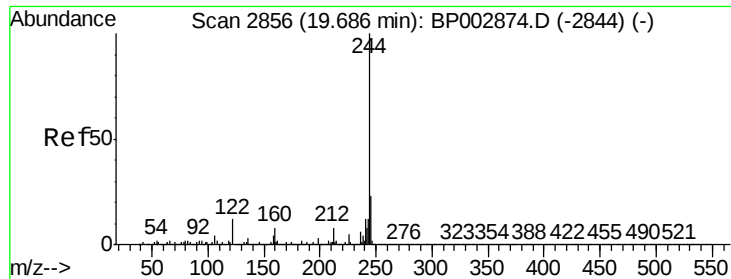


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 39.732 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

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SIDEWALK-CONCRETE

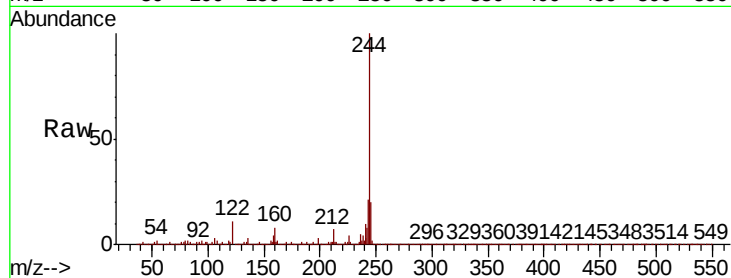
Tot Ion:244 Resp: 3135900

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	10.6	8.7	13.1

244 100

212 7.3 6.3 9.5

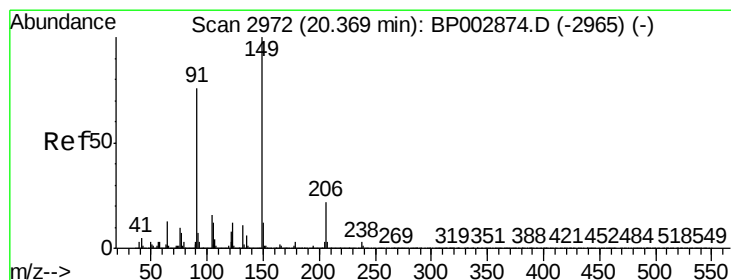
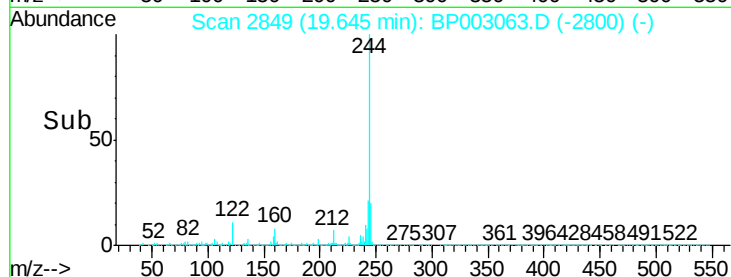
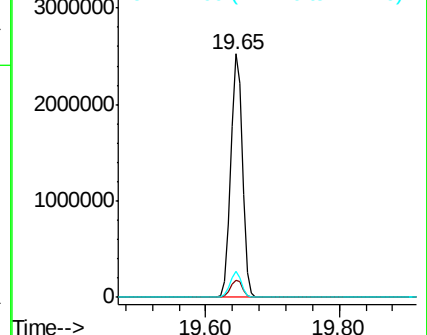
122 10.6 8.7 13.1



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



#80

Butylbenzylphthalate

Concen: 4.530 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

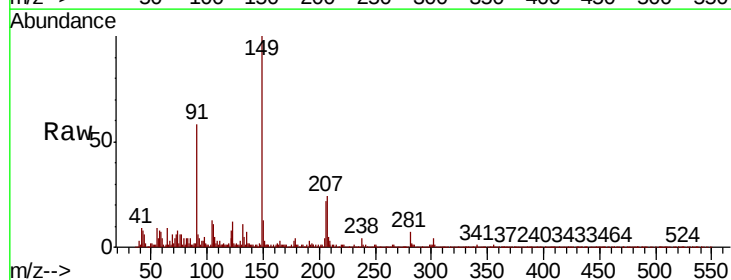
Tgt Ion:149 Resp: 70569

Ion	Ratio	Lower	Upper
149	100		
91	57.7	45.3	67.9
206	21.6	17.5	26.3

149 100

91 57.7 45.3 67.9

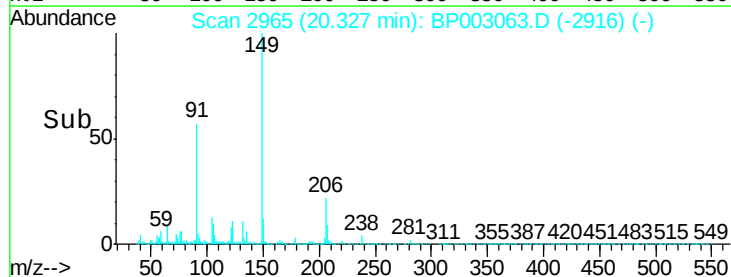
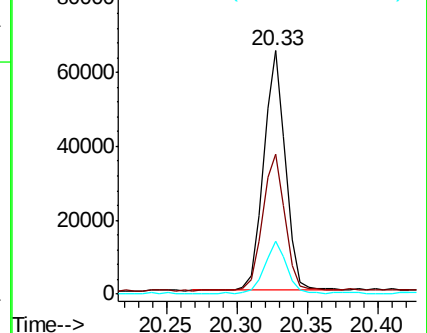
206 21.6 17.5 26.3

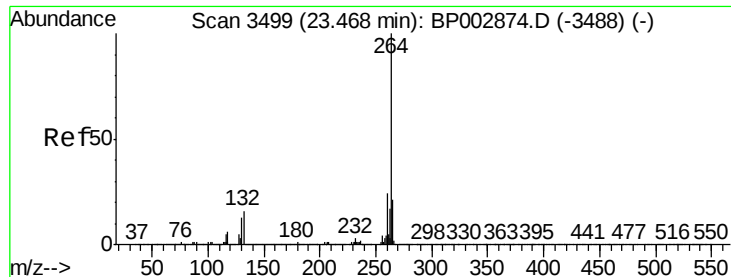


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



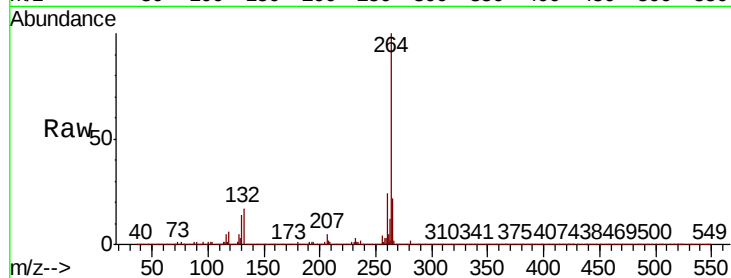


#86
Pervlone-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

Tot Ion:264 Resp: 1939680

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.3	25.9



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

