

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 14:42:16 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

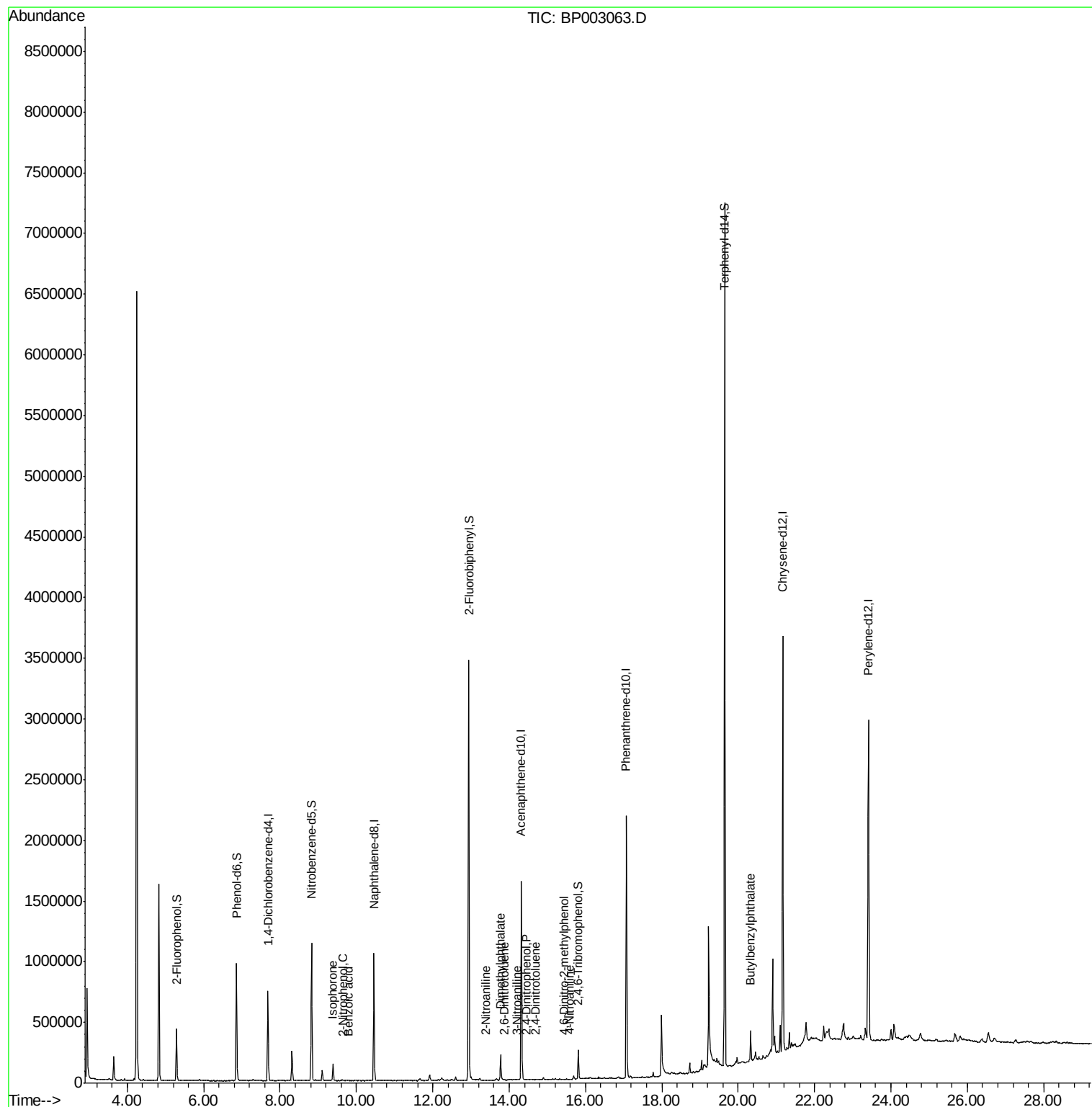
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	9.39	82	102931	2.737	ng	99
26) 2-Nitrophenol	9.65	139	134	4.536	ng	# 1
32) Benzoic acid	9.79	122	88	7.694	ng	# 72
48) 2-Nitroaniline	13.39	65	73	3.978	ng	# 26
50) Dimethylphthalate	13.77	163	162577	3.419	ng	99
51) 2,6-Dinitrotoluene	13.88	165	481	2.942	ng	# 75
53) 3-Nitroaniline	14.22	138	136	3.285	ng	# 33
54) 2,4-Dinitrophenol	14.44	184	7	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	347	3.828	ng	# 79
62) 4-Nitroaniline	15.59	138	107	2.425	ng	93
65) 4,6-Dinitro-2-methylphenol	15.44	198	39	6.905	ng	# 1
80) Butylbenzylphthalate	20.33	149	70569	4.530	ng	99

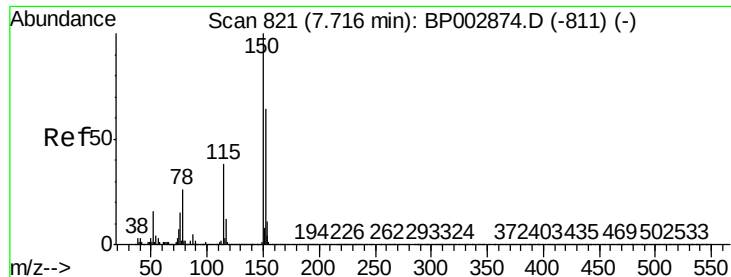
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 14:42:16 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



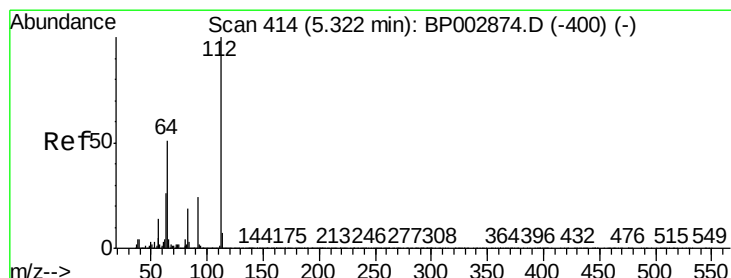
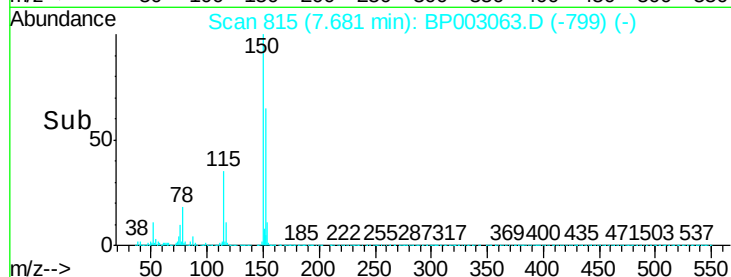
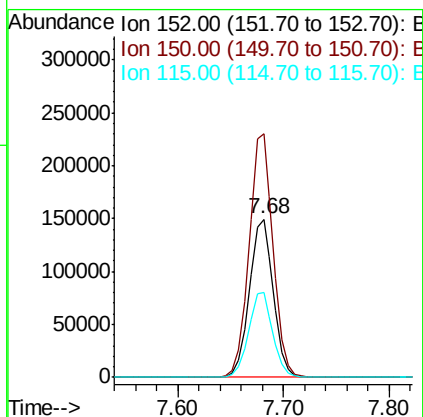
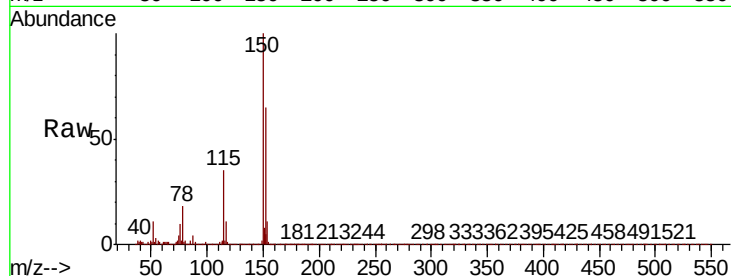


#1

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

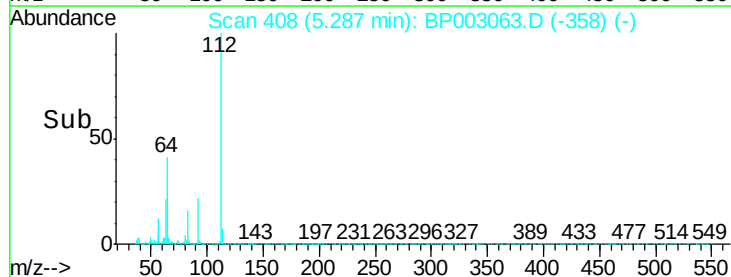
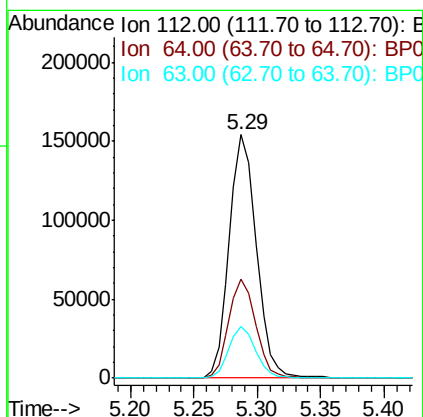
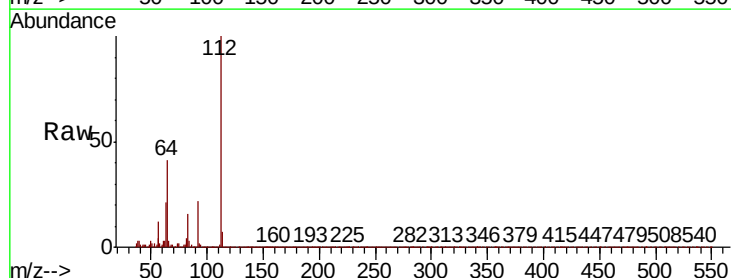
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.1	189.1
115	53.4	43.4	65.2

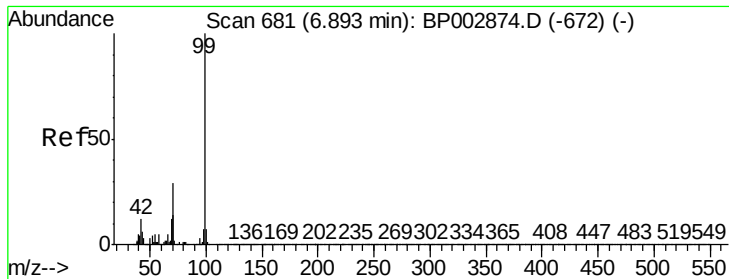


#5

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	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

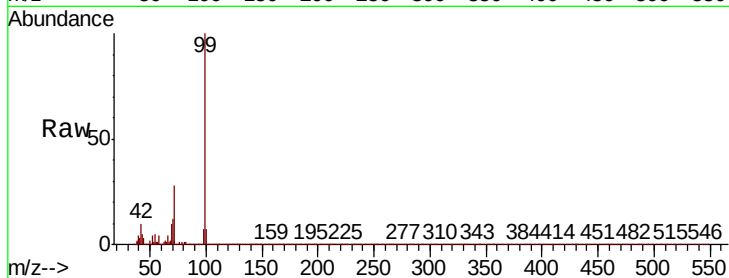
Tot Ion: 99 Resp: 663383

Ion Ratio Lower Upper

99 100

42 10.5 8.0 12.0

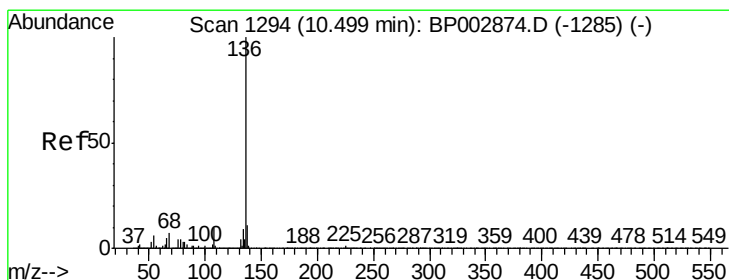
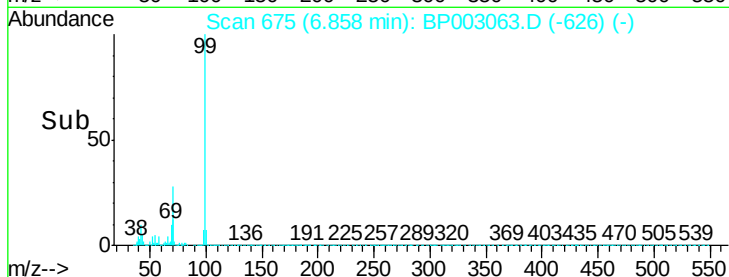
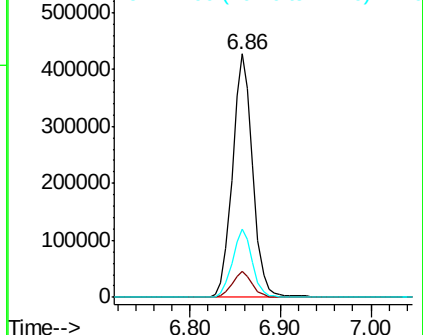
71 27.8 21.3 31.9



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

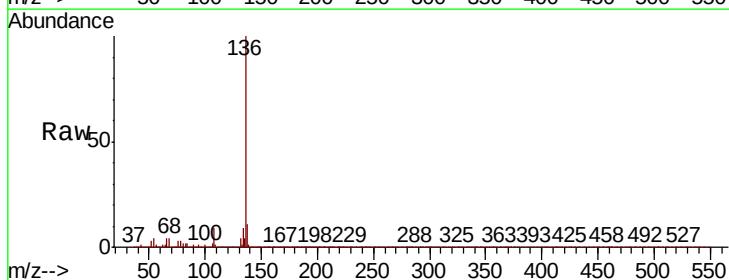
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.4 3.8 5.8

68 4.3 3.8 5.8

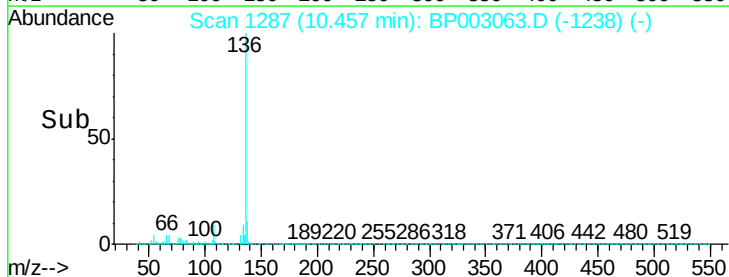
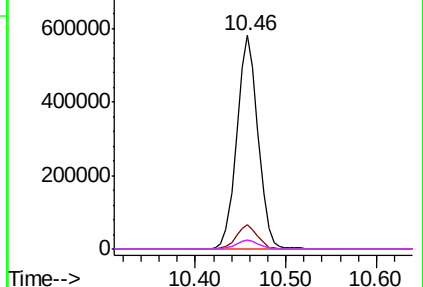


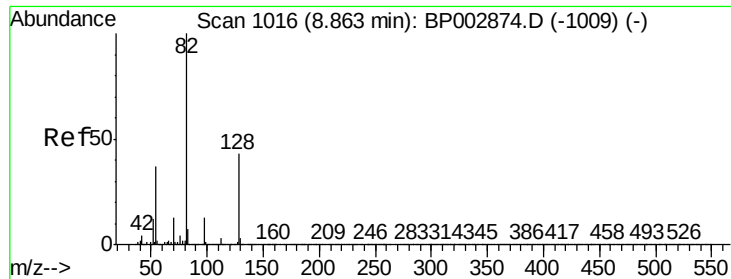
Abundance Ion 136.00 (135.70 to 136.70): E

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

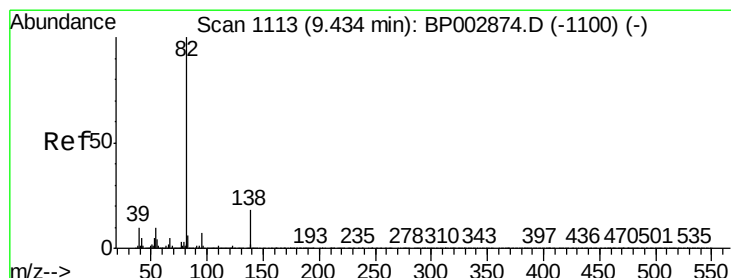
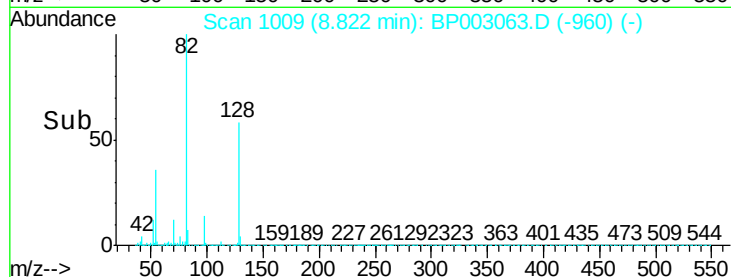
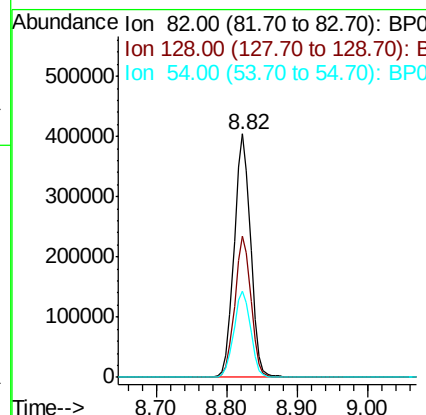
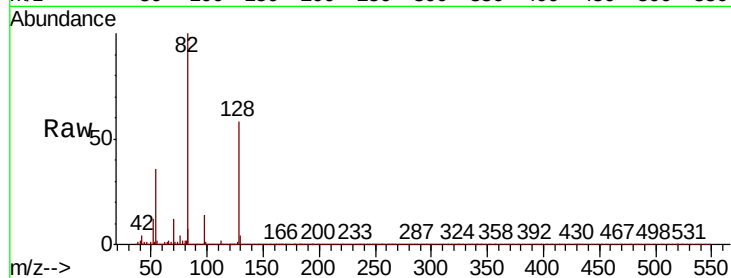




#23
 Nitrobenzene-d5
 Concen: 37.343 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003063.D
 Acq: 20 Aug 2020 13:42

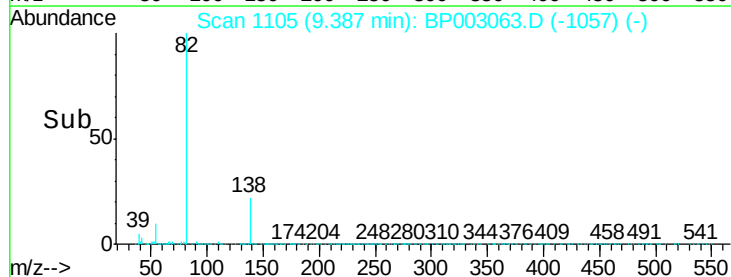
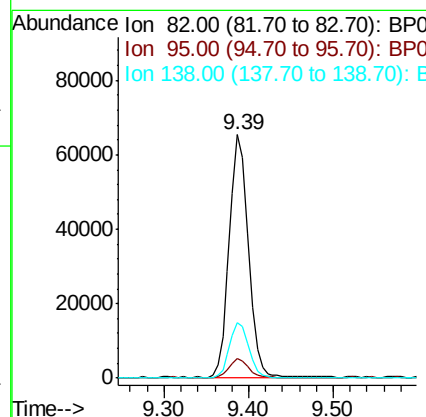
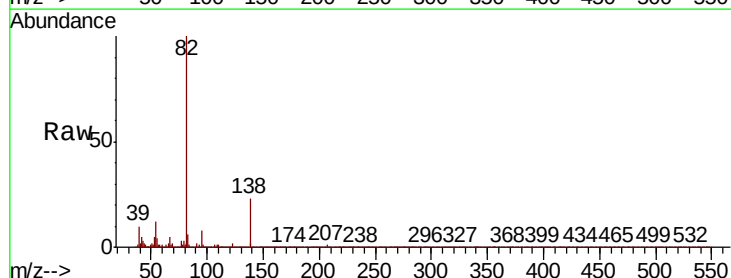
Instrument :
 BNA_P
 ClientSampleId :
 SIDEWALK-CONCRETE

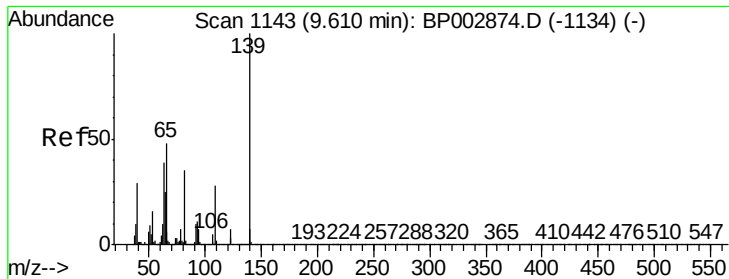
Tot Ion	82	Resp	653615
Ion Ratio	Lower	Upper	
82	100		
128	57.9	45.1	67.7
54	35.6	28.8	43.2



#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





#26

2-Nitrophenol

Concen: 4.536 ng

RT: 9.65 min Scan# 1149

Delta R.T. 0.06 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

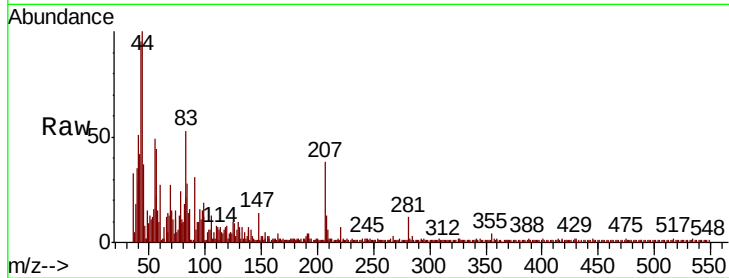
Tot Ion:139 Resp: 134

Ion Ratio Lower Upper

139 100

109 31.3 21.0 31.6

65 166.3 27.2 40.8#

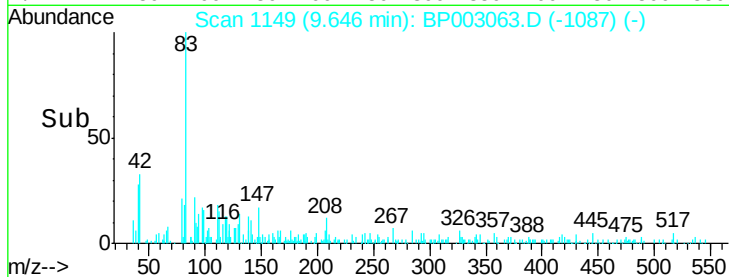


Abundance Ion 139.00 (138.70 to 139.70): E

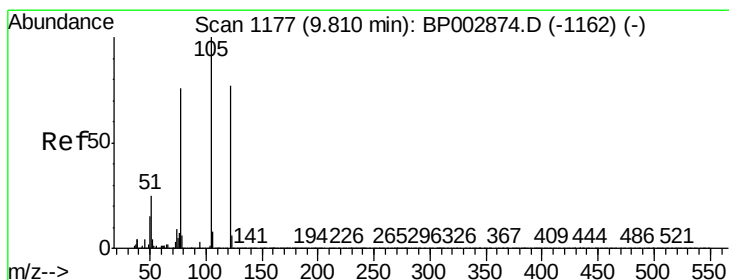
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

Time-->



Time-->



#32

Benzoic acid

Concen: 7.694 ng

RT: 9.79 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

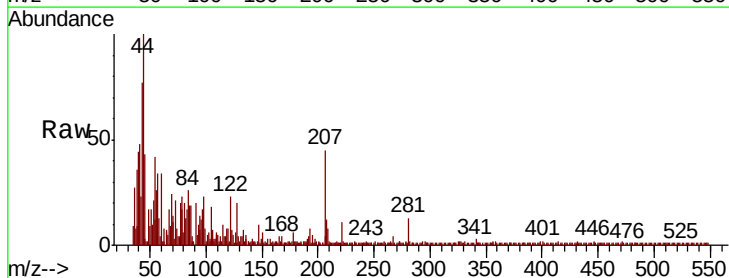
Tgt Ion:122 Resp: 88

Ion Ratio Lower Upper

122 100

105 78.5 96.2 136.2#

77 90.6 55.6 95.6

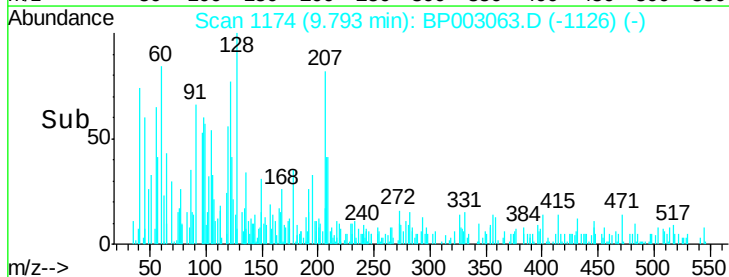


Abundance Ion 122.00 (121.70 to 122.70): E

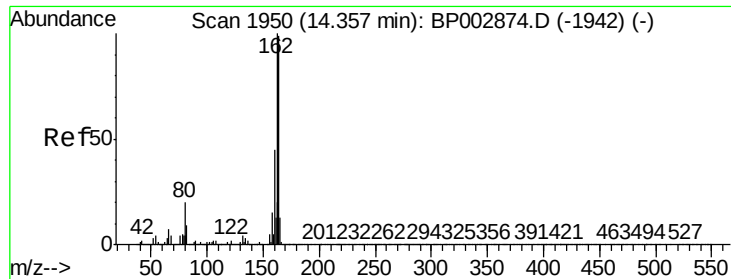
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

Time-->



Time-->



#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

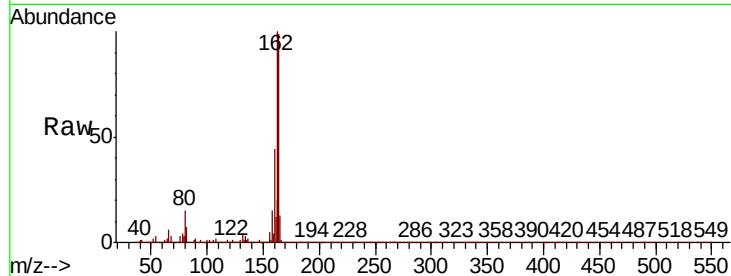
Tot Ion:164 Resp: 607972

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

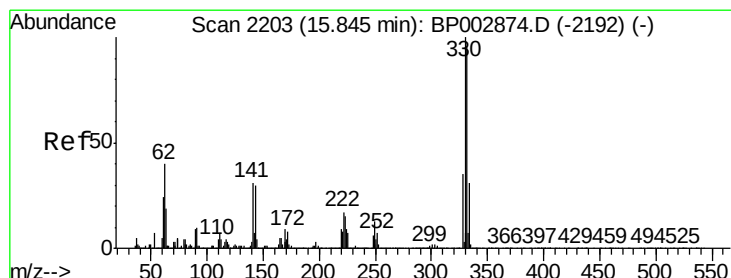
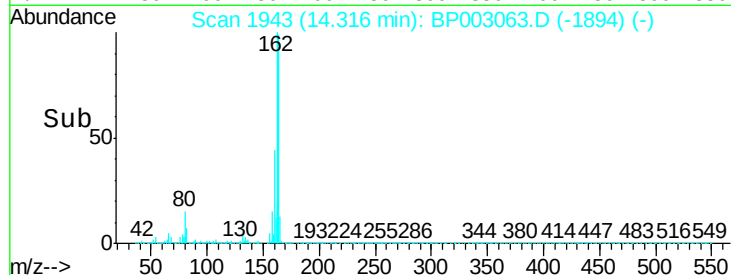
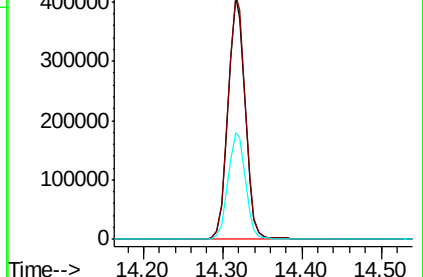
160 44.4 35.5 53.3



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

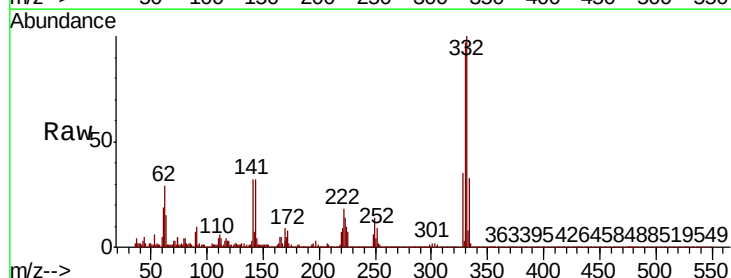
Tgt Ion:330 Resp: 51230

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

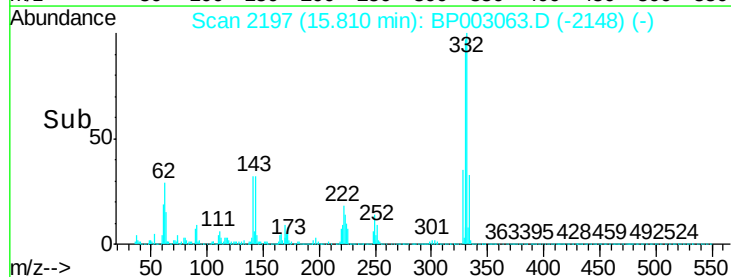
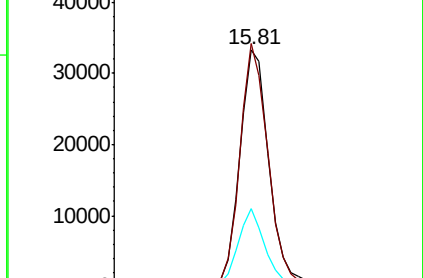
141 31.1 26.7 40.1

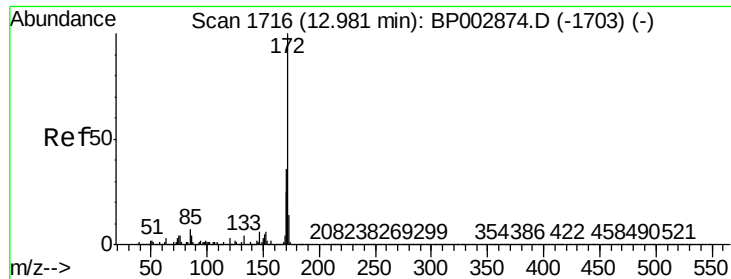


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

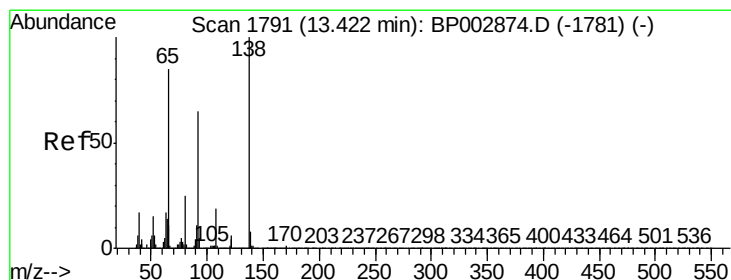
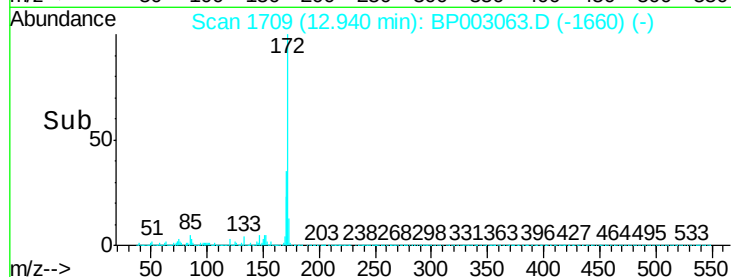
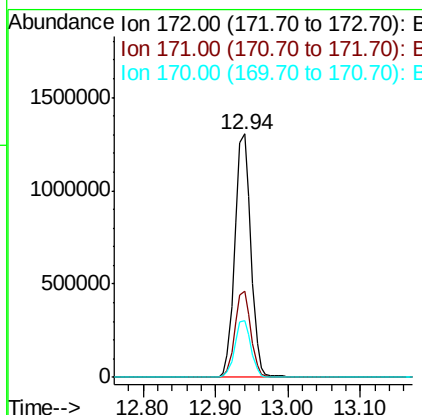
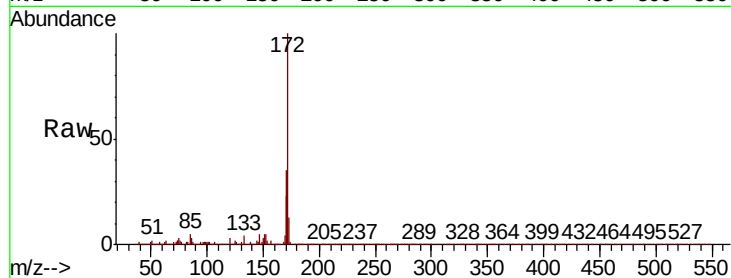




#45
2-Fluorobiphenyl
Concen: 45.346 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

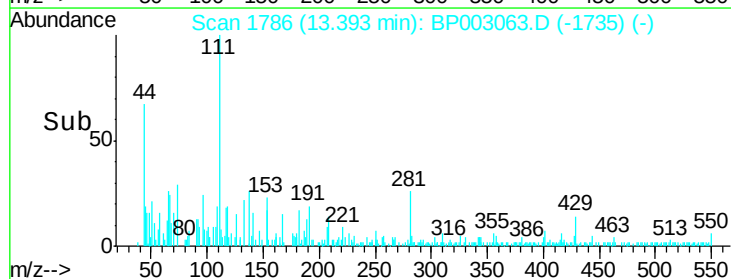
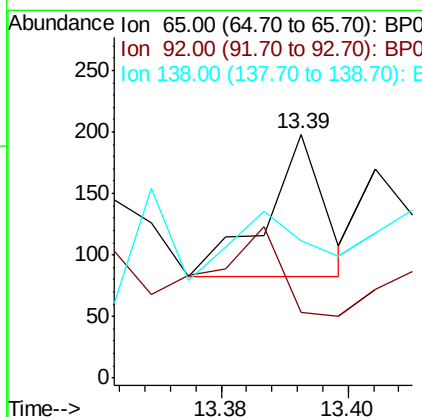
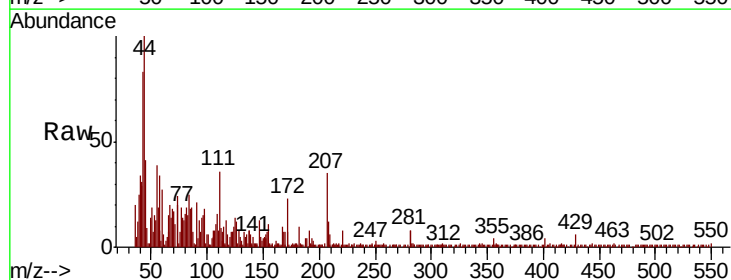
Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

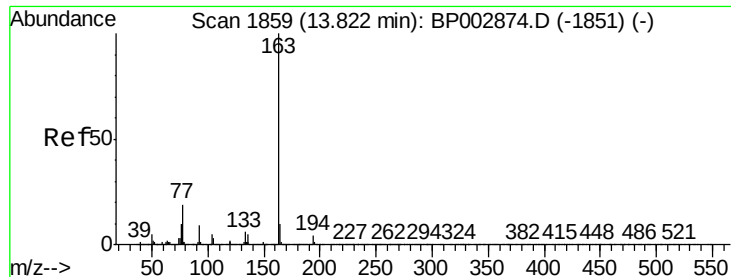
Tot Ion:172 Resp: 2017797
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.4 19.1 28.7



#48
2-Nitroaniline
Concen: 3.978 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 26.8 70.1 105.1#
138 56.6 129.7 194.5#





#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

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

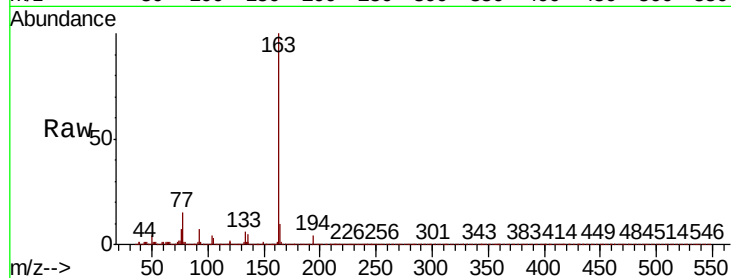
Tot Ion:163 Resp: 162577

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

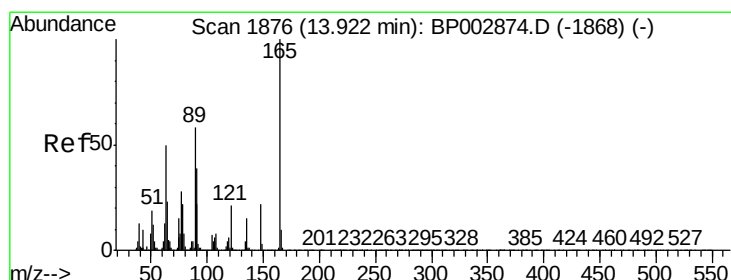
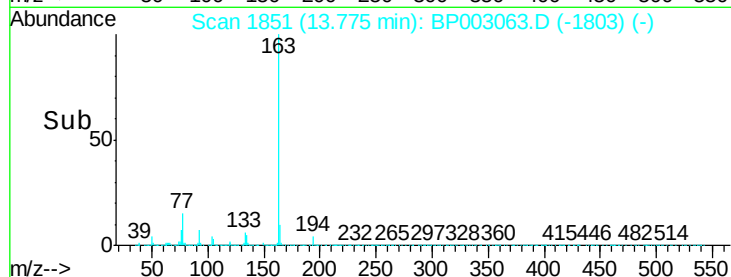
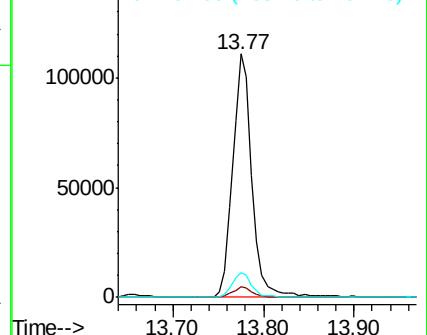
164 9.9 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 2.942 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

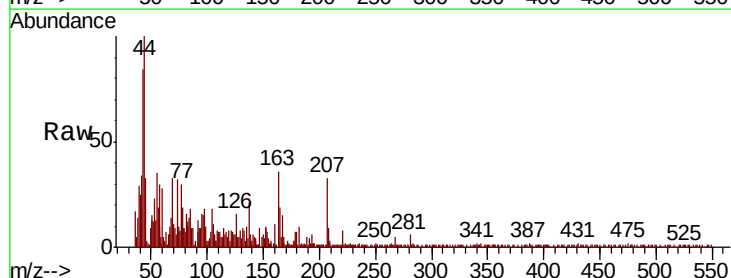
Tgt Ion:165 Resp: 481

Ion Ratio Lower Upper

165 100

63 37.2 28.1 42.1

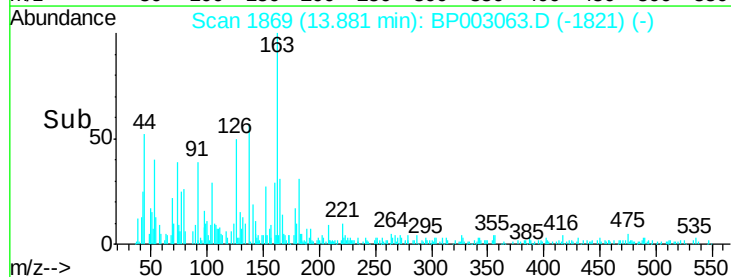
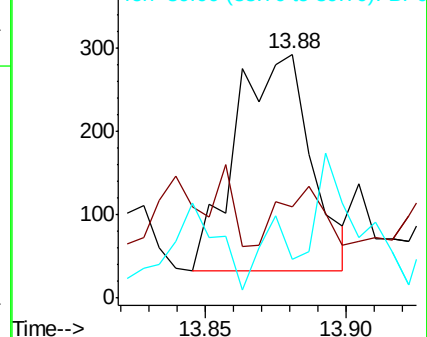
89 16.0 34.5 51.7#

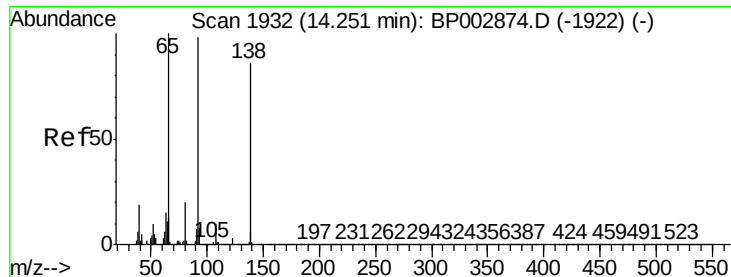


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





#53

3-Nitroaniline

Concen: 3.285 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

Instrument :

BNA_P

ClientSampleId :

SIDEWALK-CONCRETE

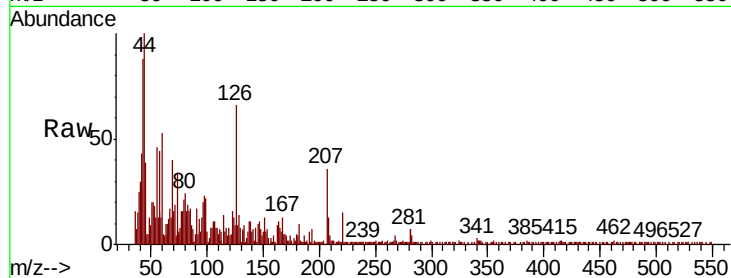
Tot Ion:138 Resp: 136

Ion Ratio Lower Upper

138 100

108 74.4 7.7 11.5#

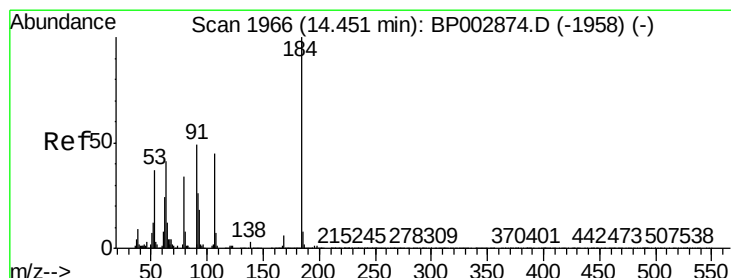
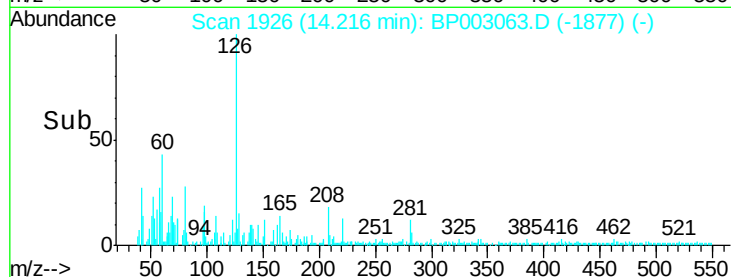
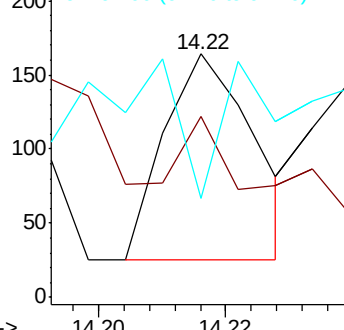
92 40.9 75.6 113.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0



#54

2,4-Dinitrophenol

Concen: 8.059 ng

RT: 14.44 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

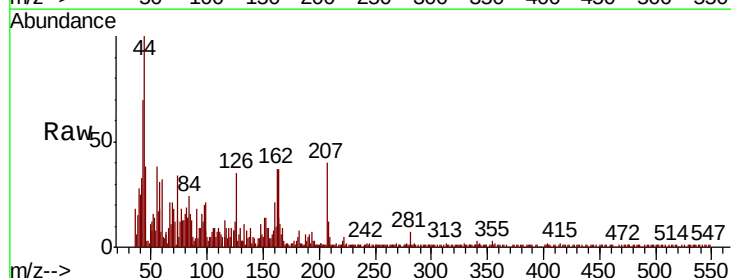
Tgt Ion:184 Resp: 7

Ion Ratio Lower Upper

184 100

63 950.0 33.0 49.6#

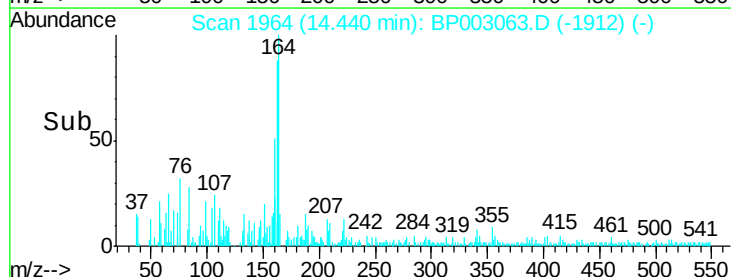
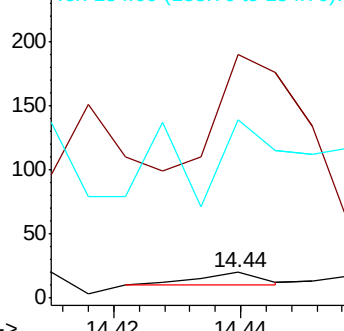
154 760.0 46.8 70.2#

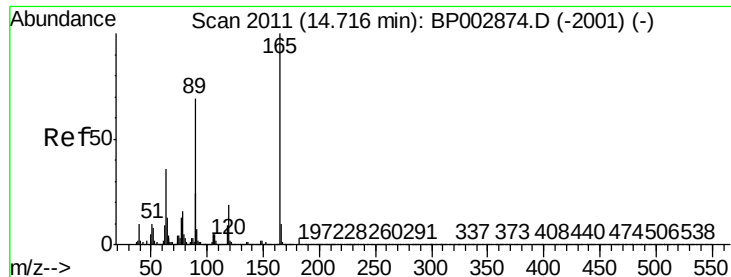


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

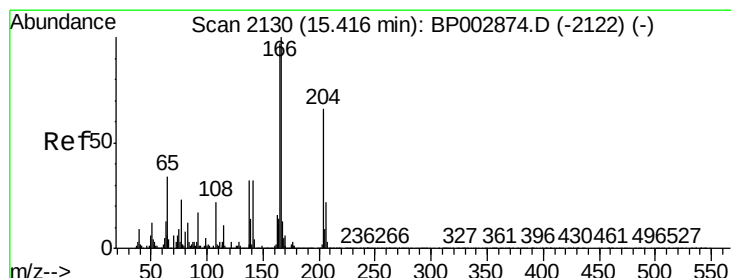
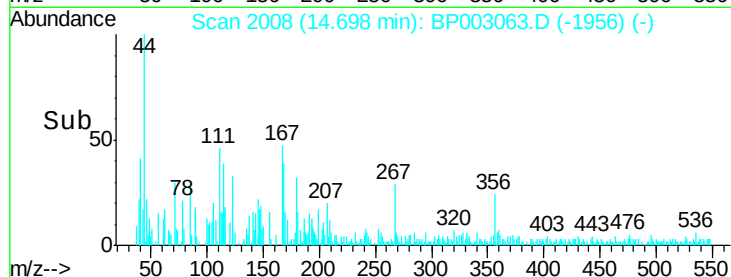
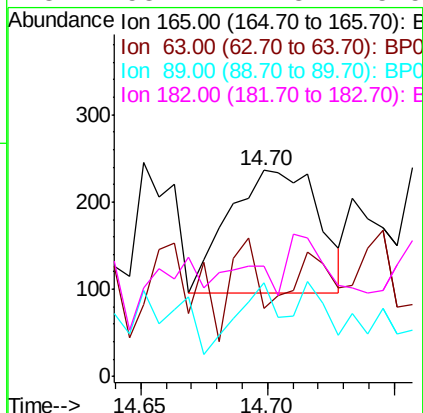
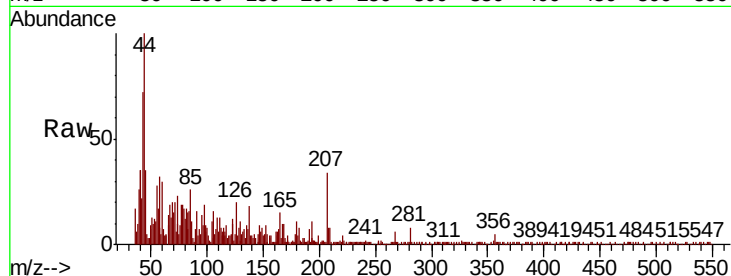




#57
2,4-Dinitrotoluene
Concen: 3.828 ng
RT: 14.70 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

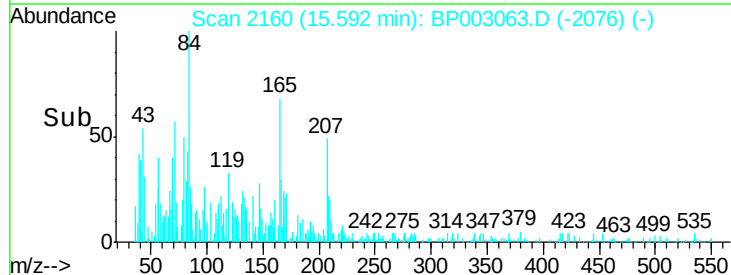
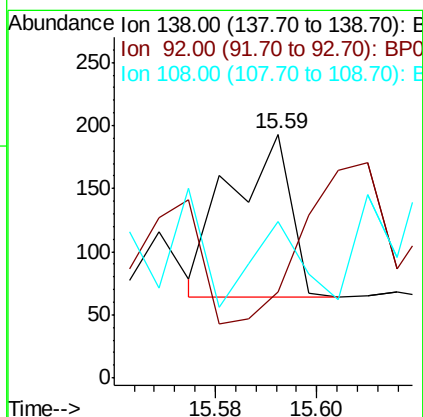
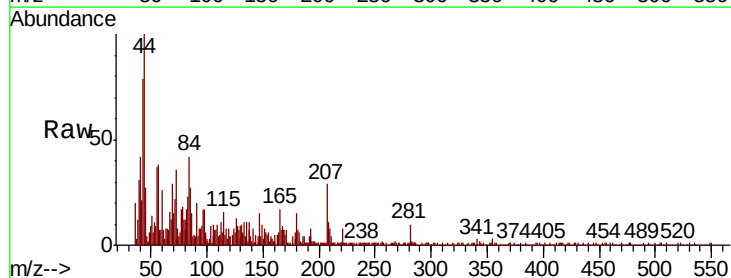
Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

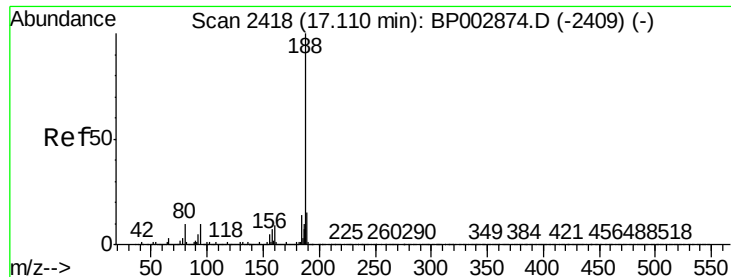
Tot Ion:165 Resp: 347
Ion Ratio Lower Upper
165 100
63 33.1 20.6 31.0#
89 66.9 43.4 65.0#
182 53.4 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.425 ng
RT: 15.59 min Scan# 2160
Delta R.T. 0.19 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
92 35.2 21.4 61.4
108 64.2 40.8 80.8





#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

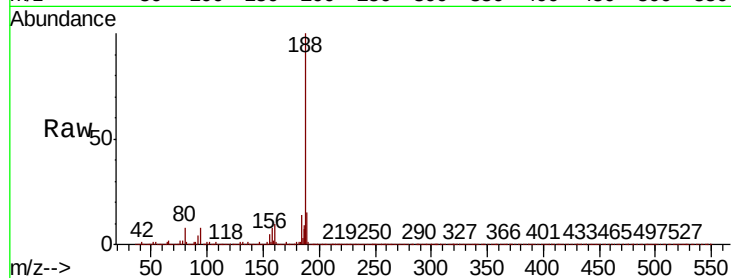
Tot Ion:188 Resp: 1344343

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

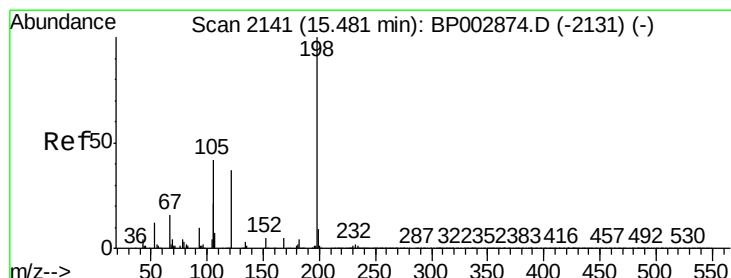
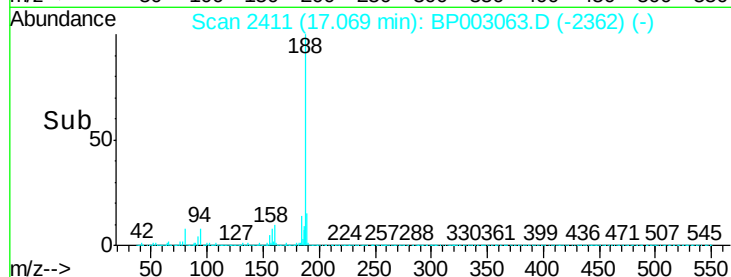
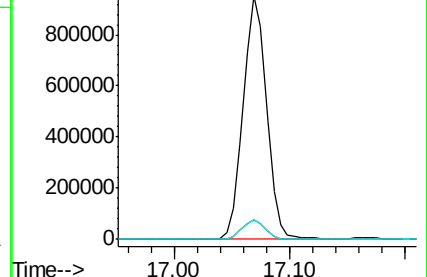
80 8.0 6.7 10.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.905 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BP003063.D

Acq: 20 Aug 2020 13:42

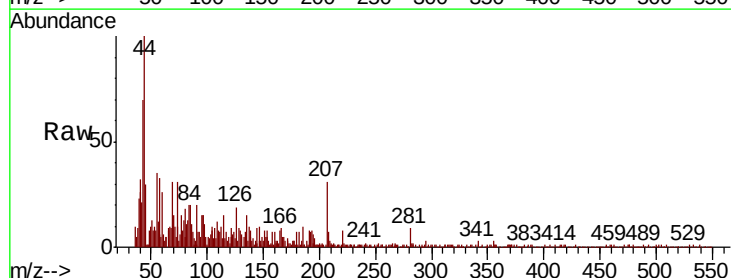
Tgt Ion:198 Resp: 39

Ion Ratio Lower Upper

198 100

51 641.7 6.2 46.2#

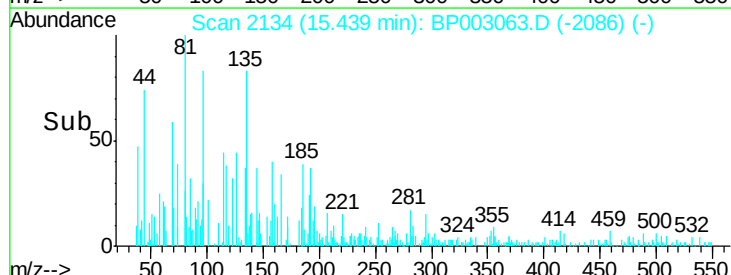
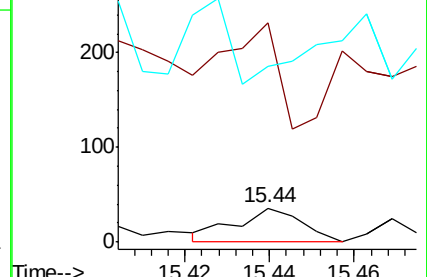
105 513.9 19.9 59.9#

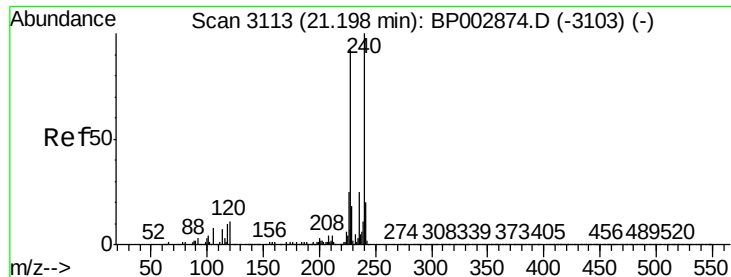


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

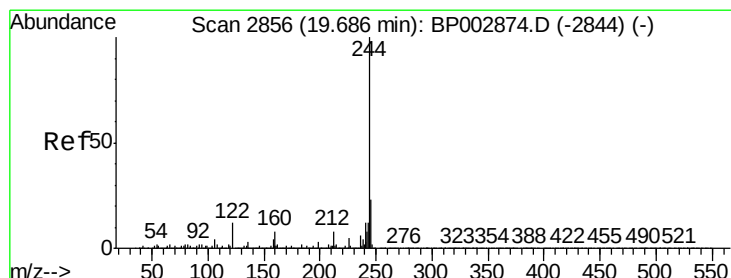
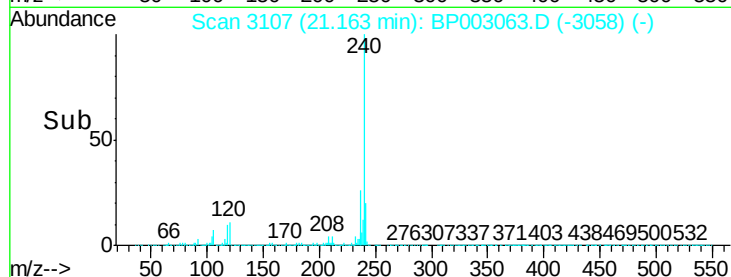
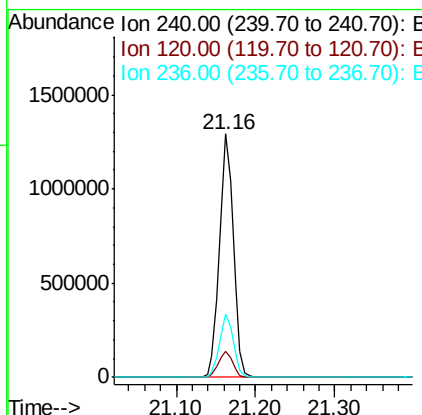
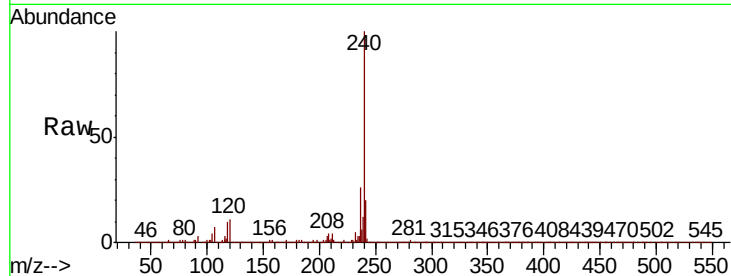




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003063.D
 Acq: 20 Aug 2020 13:42

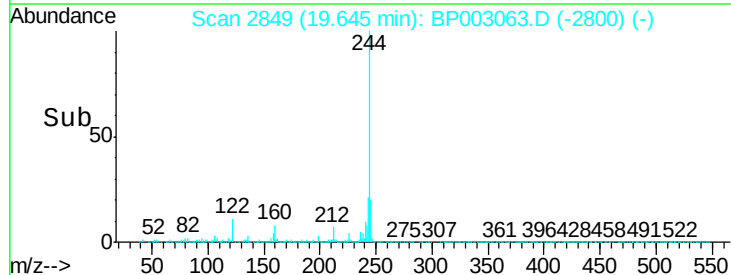
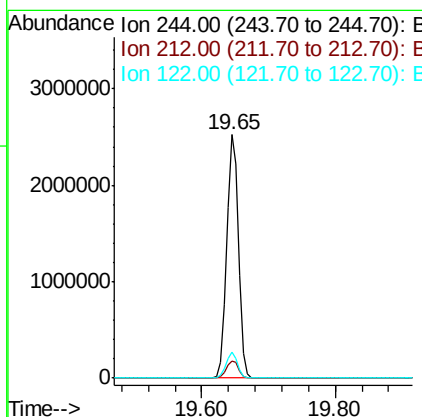
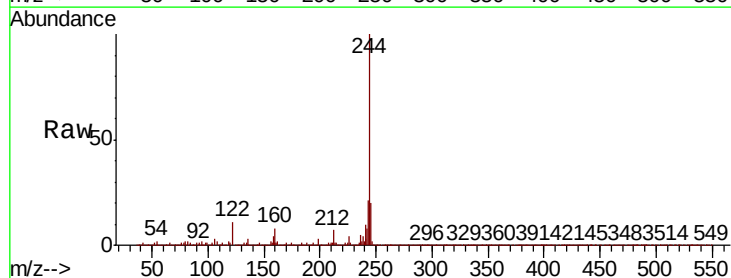
Instrument :
 BNA_P
 ClientSampleId :
 SIDEWALK-CONCRETE

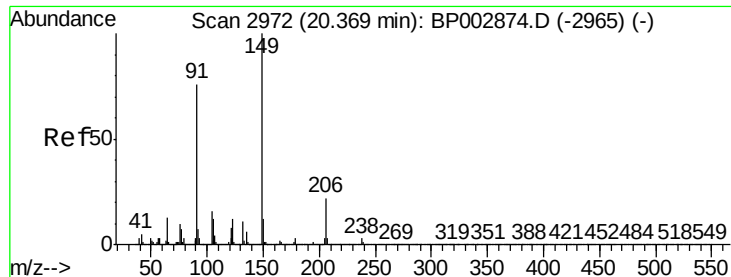
Tot Ion:240 Resp: 1580056
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.5 14.3
 236 26.0 20.8 31.2



#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

Tgt Ion:244 Resp: 3135900
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.6 8.7 13.1

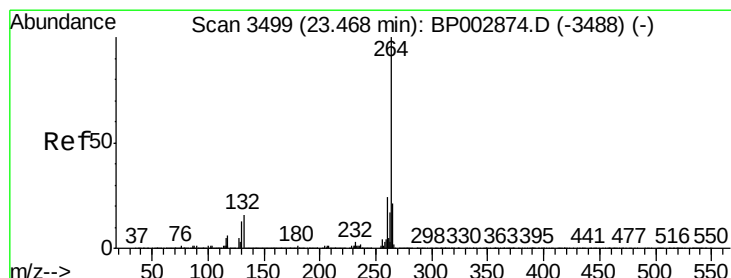
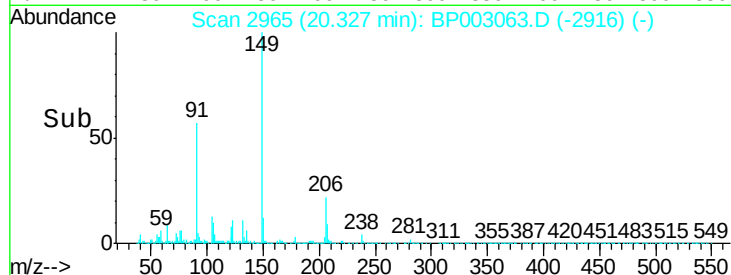
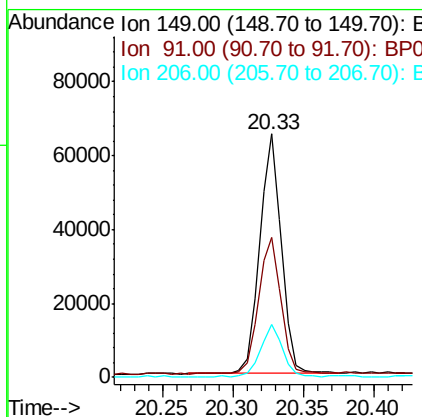
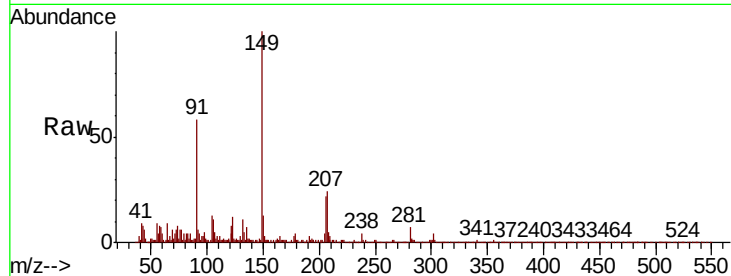




#80
Butylbenzylphthalate
Concen: 4.530 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003063.D
Acq: 20 Aug 2020 13:42

Instrument :
BNA_P
ClientSampleId :
SIDEWALK-CONCRETE

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



#86
Perylene-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

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

