

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002675.D
 Acq On : 08 Jul 2020 15:10
 Operator : CG/JU
 Sample : L3194-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TUNNEL-WALL-WASHWATER(EXH)

Quant Time: Jul 08 15:43:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	139293	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	605223	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	429836	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1043913	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1222264	20.00	ng	0.00
86) Perylene-d12	23.29	264	1400210	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	361636	43.96	ng	0.01
7) Phenol-d6	6.79	99	321908	28.03	ng	0.02
23) Nitrobenzene-d5	8.71	82	892485	75.98	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	578440	110.64	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2235860	76.56	ng	0.00
79) Terphenyl-d14	19.57	244	3810727	67.30	ng	0.00

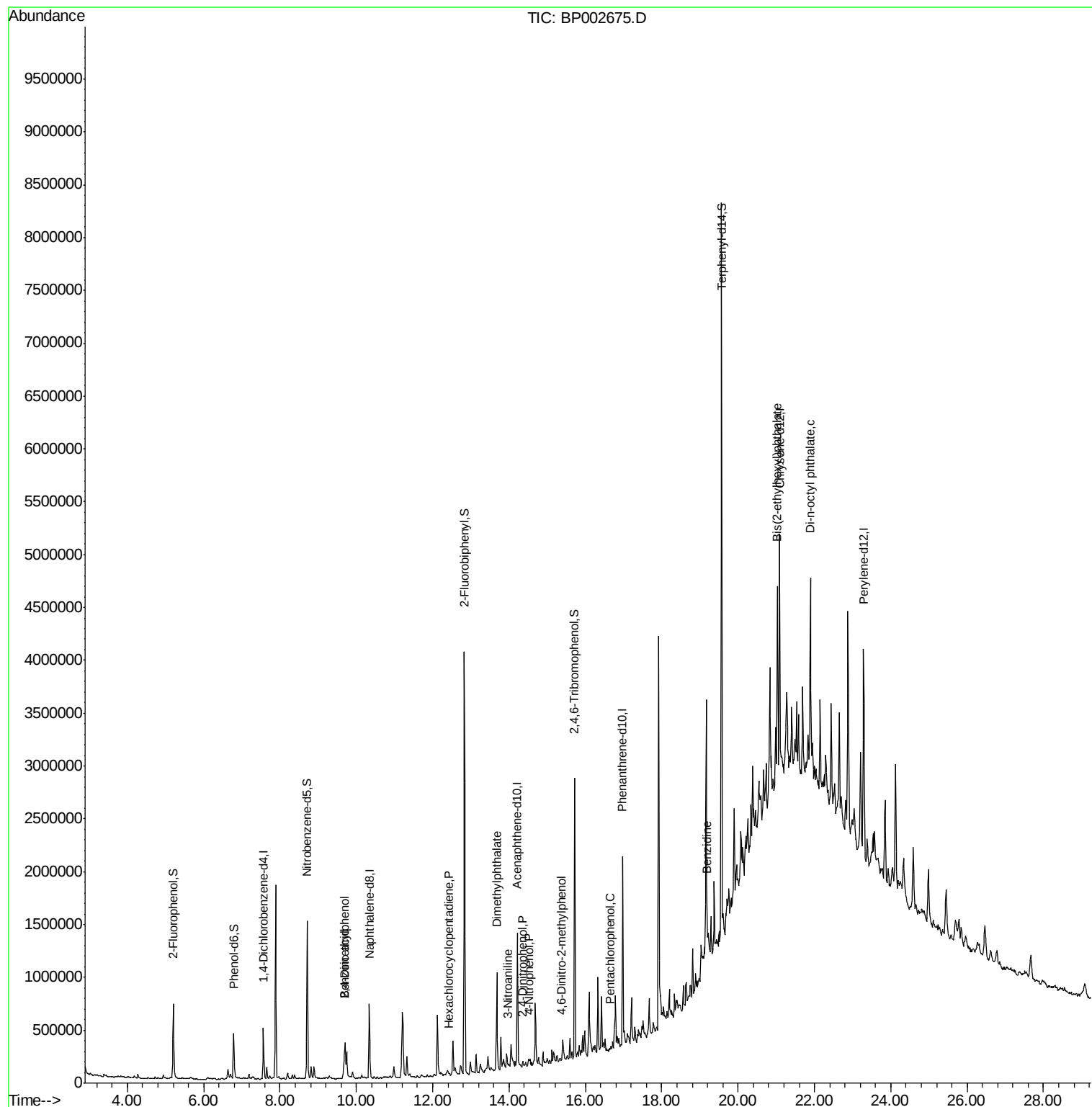
Target Compounds				Qvalue		
27) 2,4-Dimethylphenol	9.70	122	205688	23.939	ng	# 3
32) Benzoic acid	9.70	122	208868	34.041	ng	98
41) Hexachlorocyclopentadiene	12.42	237	30	4.386	ng	77
50) Dimethylphthalate	13.68	163	469046	13.893	ng	99
53) 3-Nitroaniline	13.96	138	160870	20.263	ng	# 3
54) 2,4-Dinitrophenol	14.36	184	2015	6.419	ng	# 73
56) 4-Nitrophenol	14.51	139	17033	5.071	ng	90
65) 4,6-Dinitro-2-methylphenol	15.37	198	1516	2.923	ng	# 1
70) Pentachlorophenol	16.65	266	2014	2.933	ng	97
77) Benzidine	19.19	184	210	3.760	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.03	149	1137932	21.818	ng	94
85) Di-n-octyl phthalate	21.89	149	1775323	19.272	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002675.D
Acq On : 08 Jul 2020 15:10
Operator : CG/JU
Sample : L3194-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

Quant Time: Jul 08 15:43:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



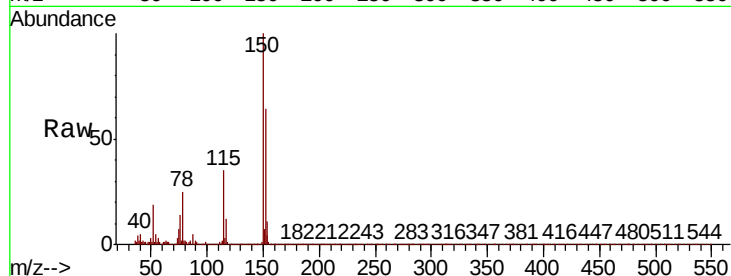


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	55.1	47.1	70.7

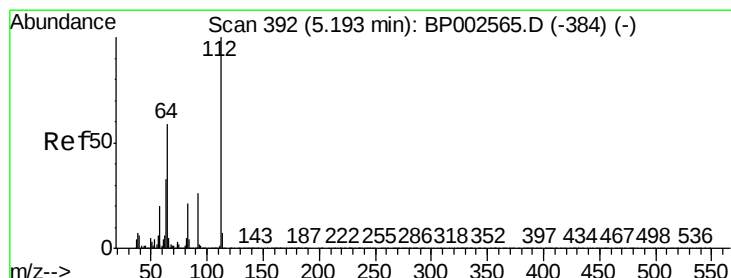
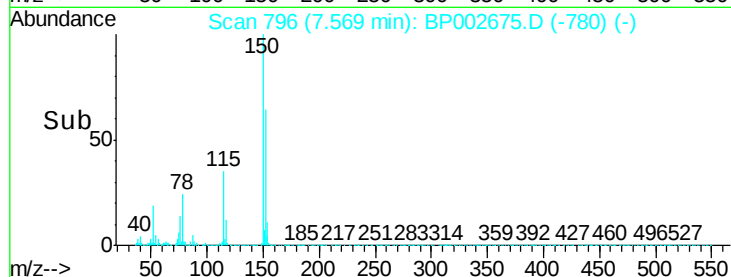
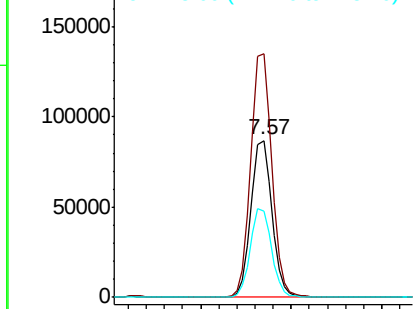


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

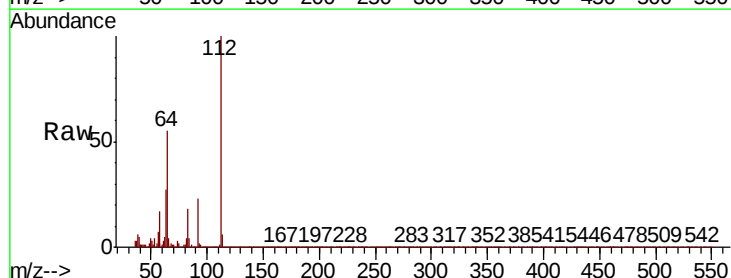
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.957 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.0	70.6
63	27.5	26.1	39.1

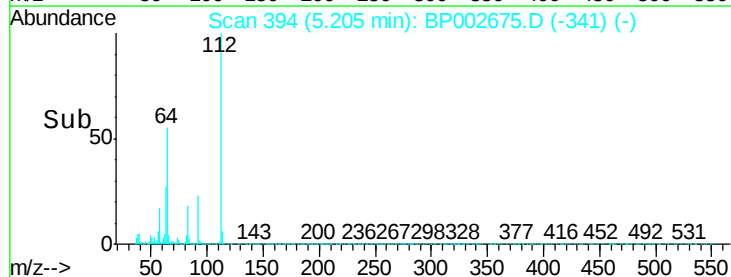
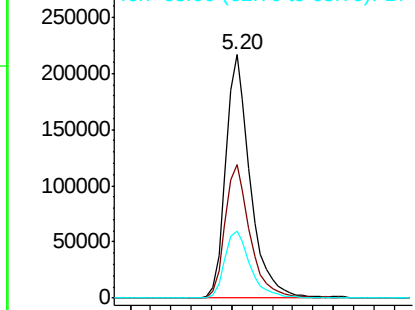


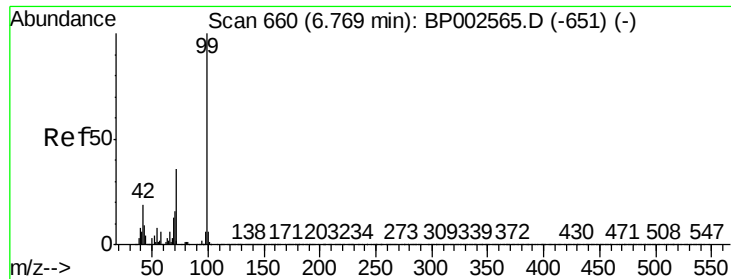
Abundance

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: 28.034 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.02 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

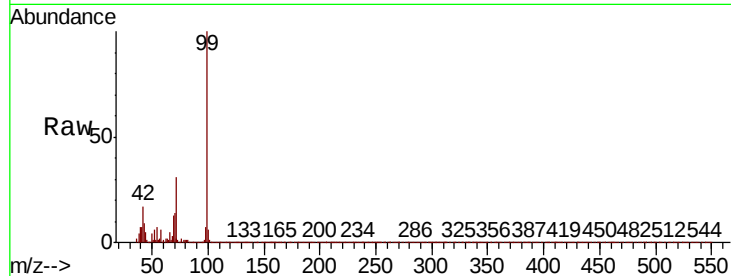
Tot Ion: 99 Resp: 321908

Ion Ratio Lower Upper

99 100

42 17.3 15.5 23.3

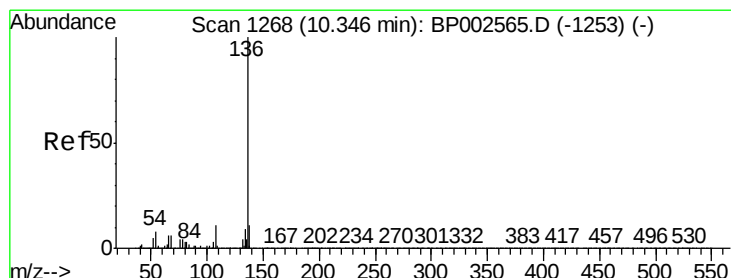
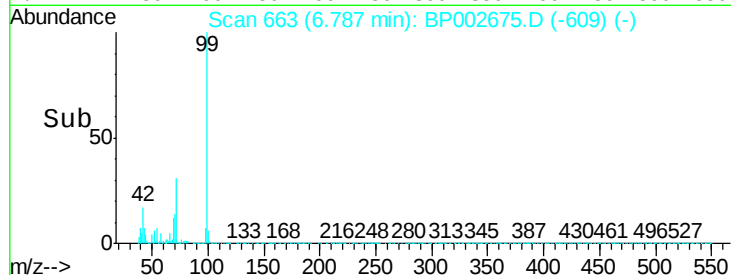
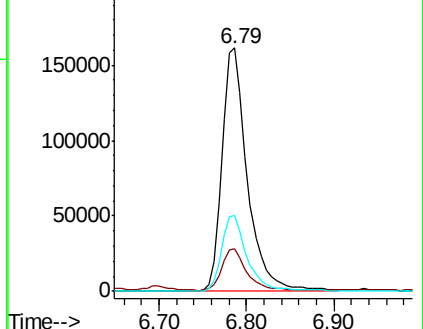
71 31.4 28.9 43.3



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: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

Tgt Ion: 136 Resp: 605223

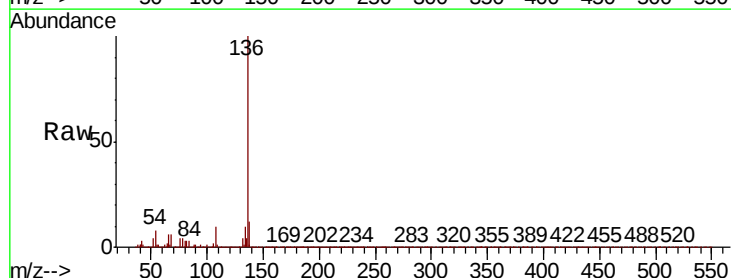
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.4 6.4 9.6

68 6.5 5.1 7.7

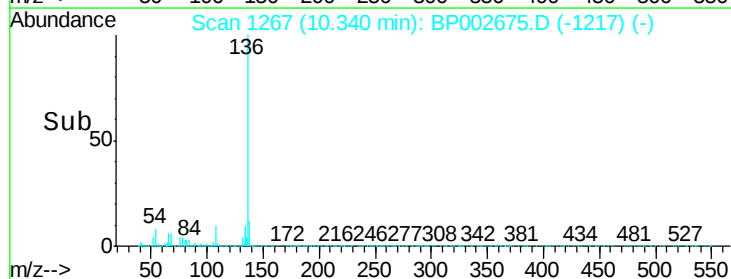
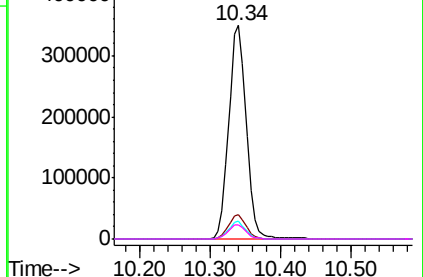


Abundance Ion 136.00 (135.70 to 136.70): E

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

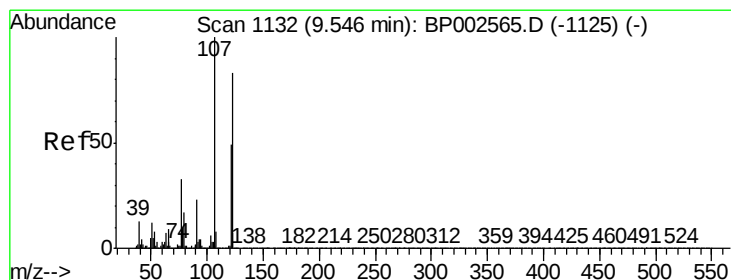
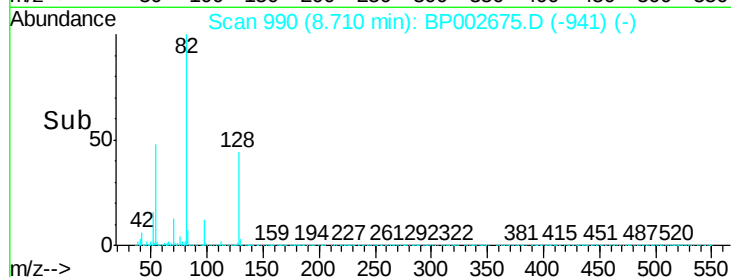
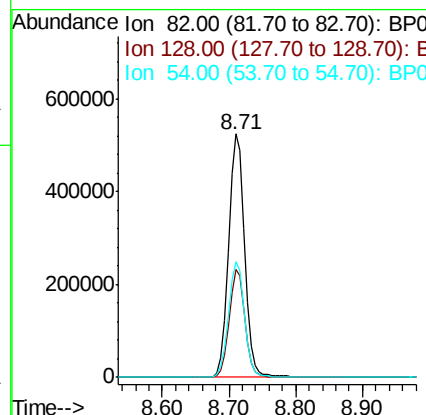
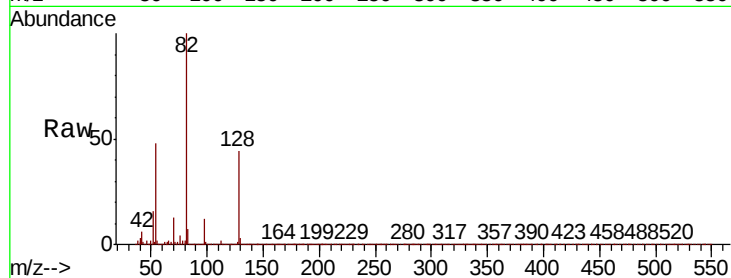




#23
Nitrobenzene-d5
Concen: 75.981 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

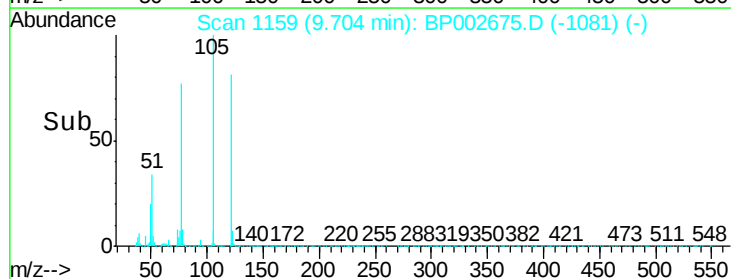
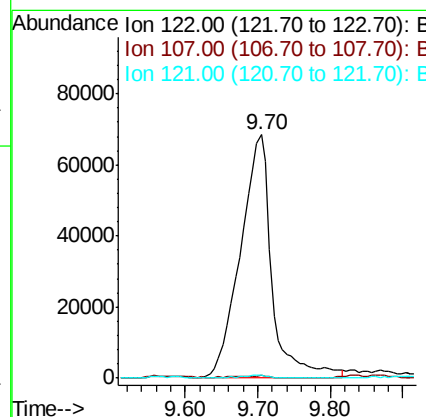
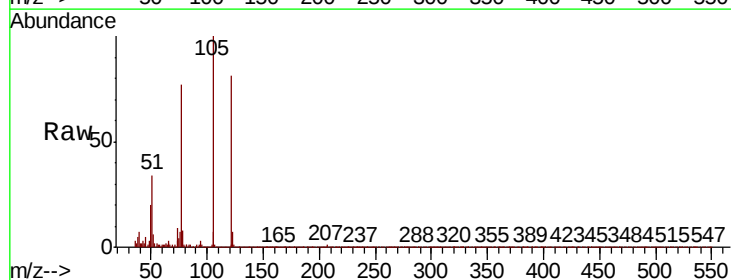
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

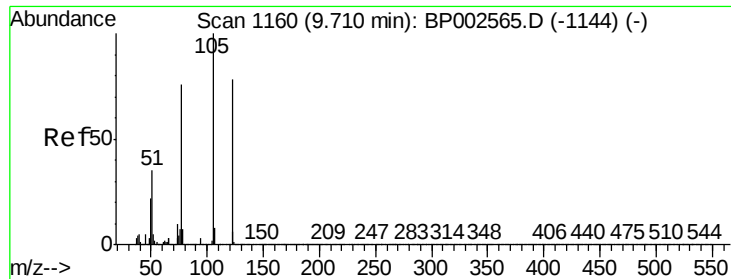
Tot Ion	82	Resp	892485
Ion Ratio	Lower	Upper	
82	100		
128	44.2	33.4	50.2
54	47.5	40.1	60.1



#27
2,4-Dimethylphenol
Concen: 23.939 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.16 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion	122	Resp	205688
Ion Ratio	Lower	Upper	
122	100		
107	1.0	95.9	143.9#
121	1.1	47.0	70.6#

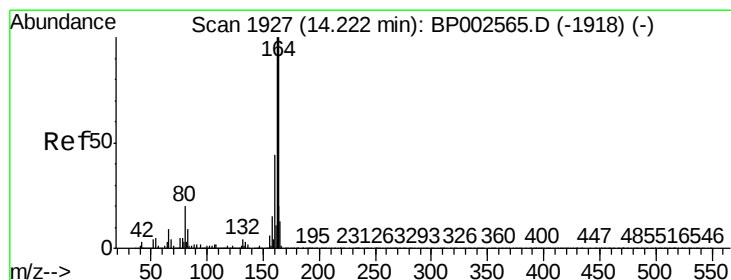
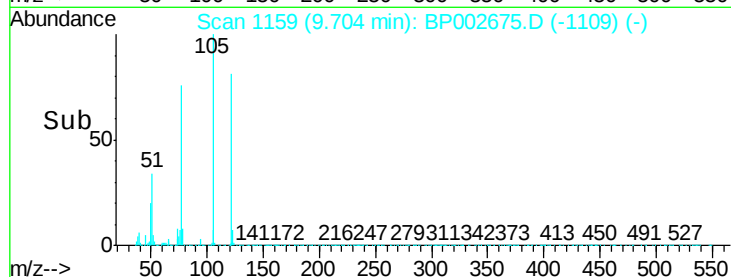
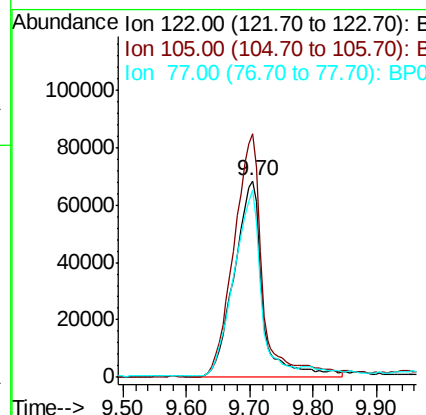
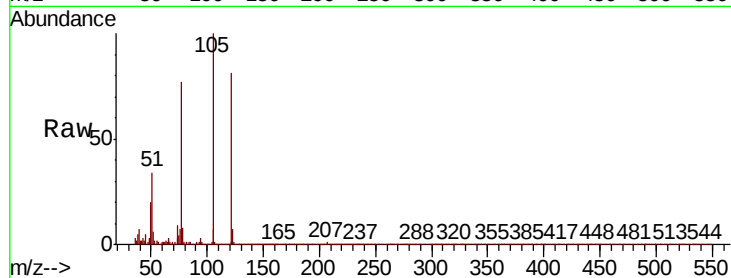




#32
Benzoic acid
Concen: 34.041 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

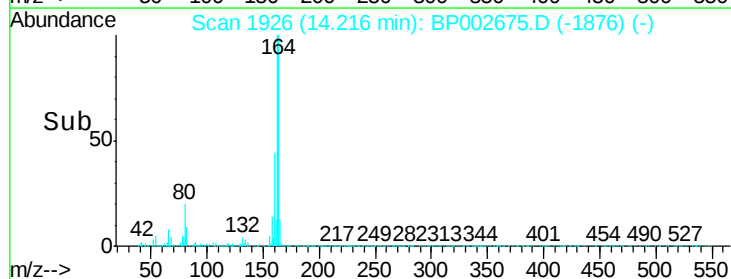
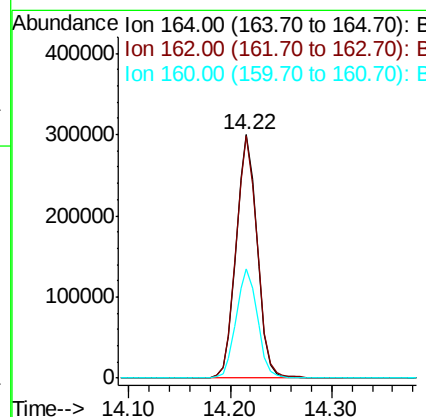
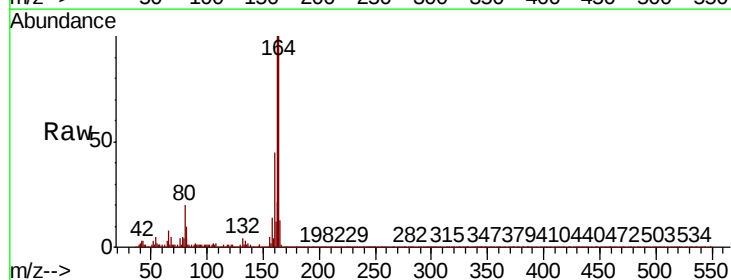
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

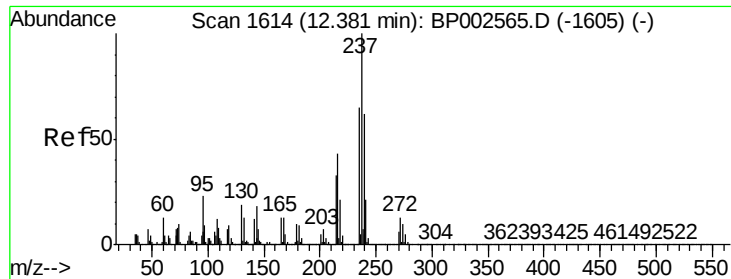
Tot Ion	Ratio	Lower	Upper
122	100		
105	123.7	106.6	146.6
77	94.9	76.5	116.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.3	120.5
160	44.6	35.0	52.6

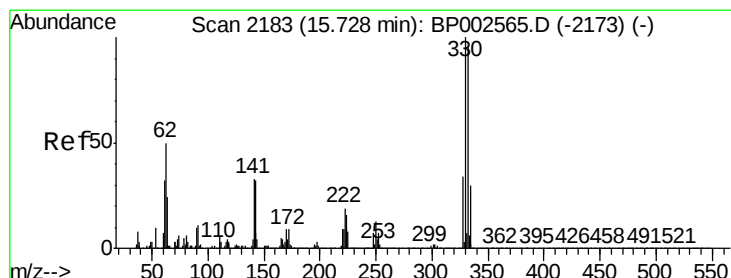
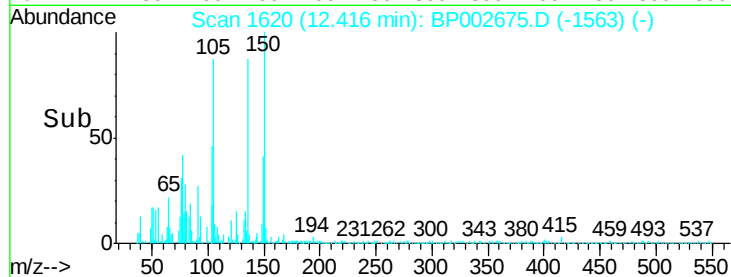
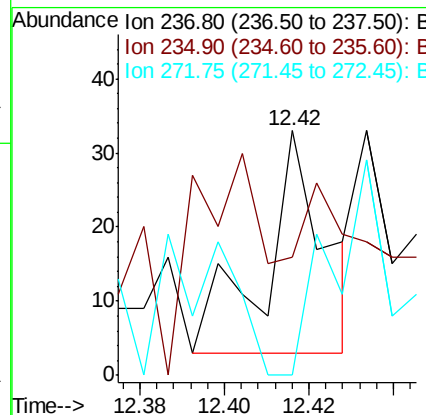
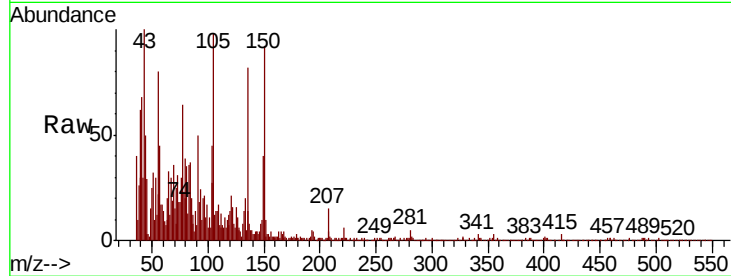




#41
Hexachlorocyclopentadiene
Concen: 4.386 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.04 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

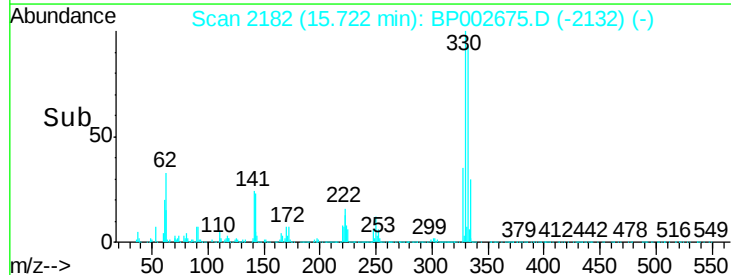
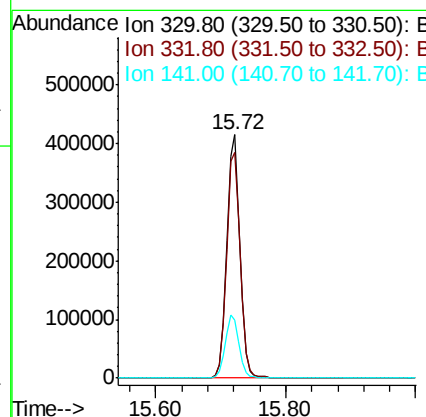
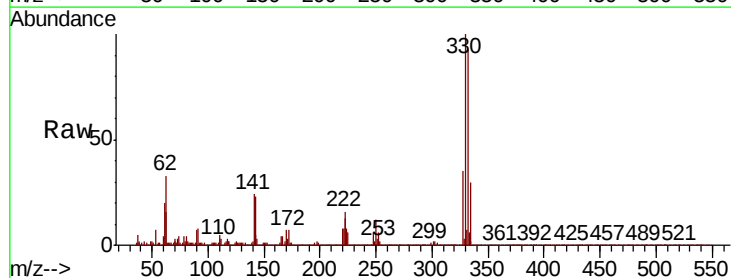
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

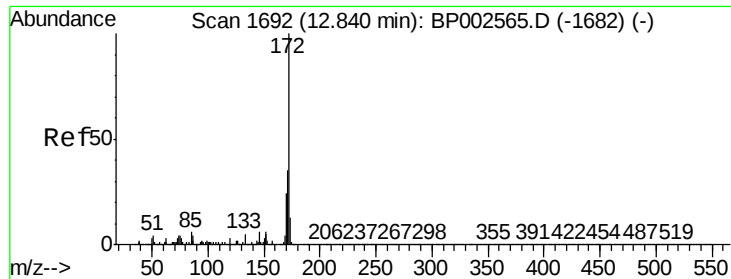
Tot Ion:237 Resp: 30
Ion Ratio Lower Upper
237 100
235 48.5 45.4 85.4
272 0.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 110.642 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:330 Resp: 578440
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 26.5 29.0 43.6#

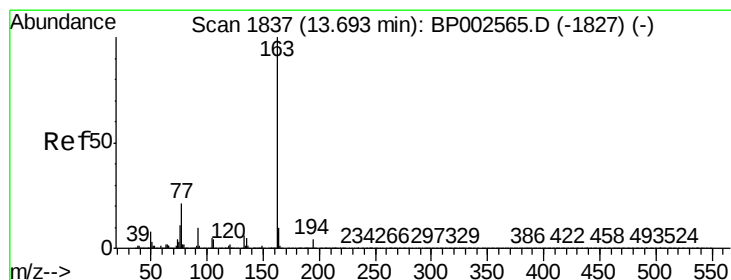
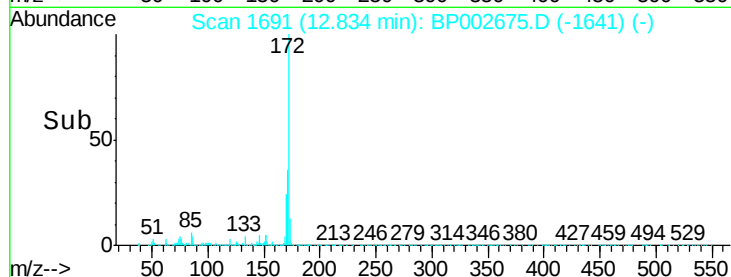
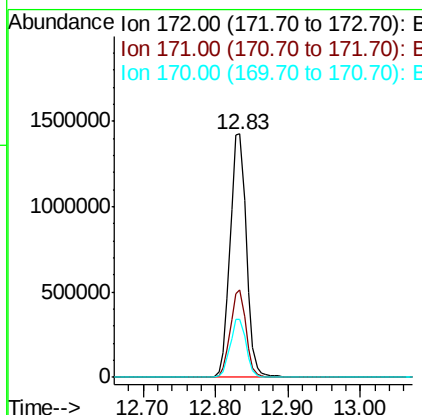
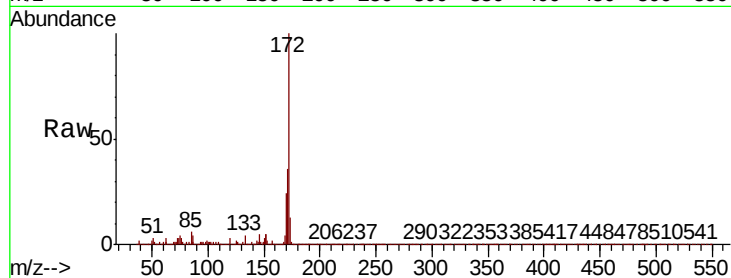




#45
2-Fluorobiphenyl
Concen: 76.560 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

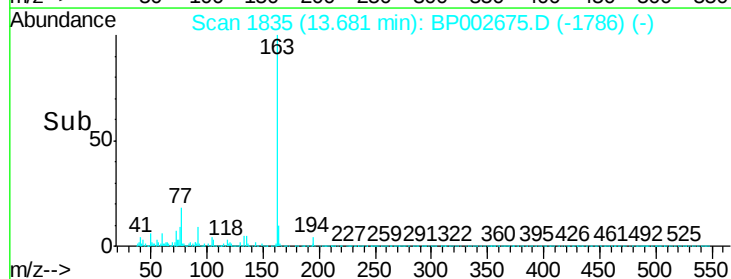
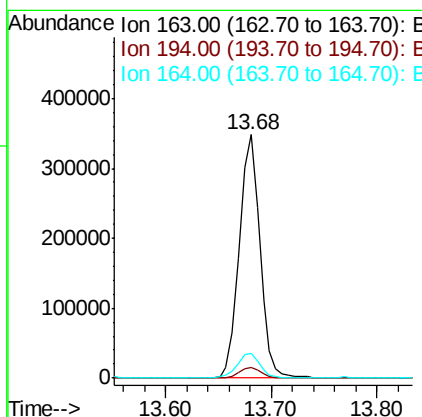
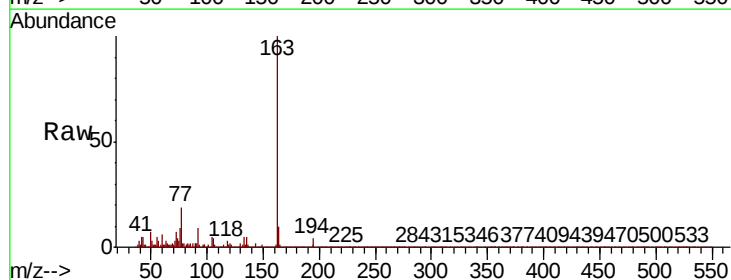
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

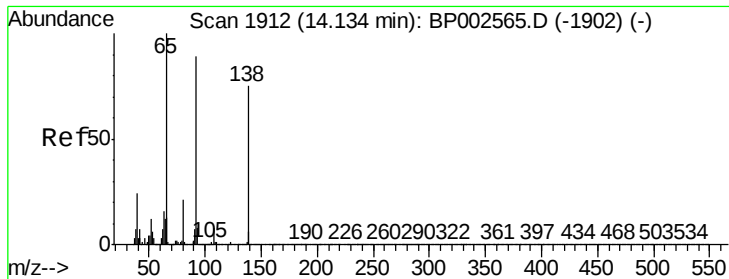
Tot Ion:172 Resp: 2235860
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 13.893 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:163 Resp: 469046
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.2 12.4

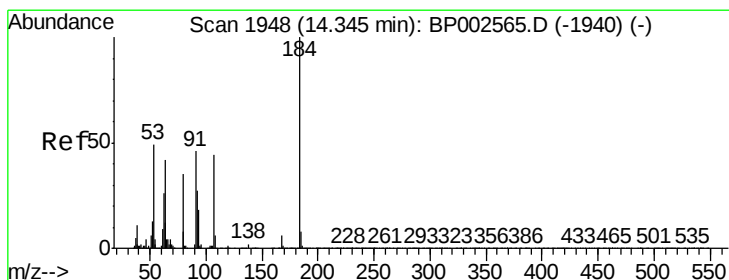
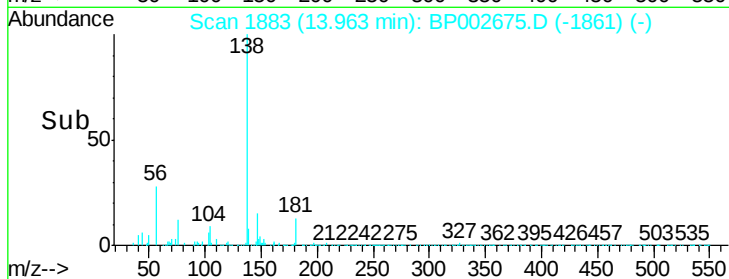
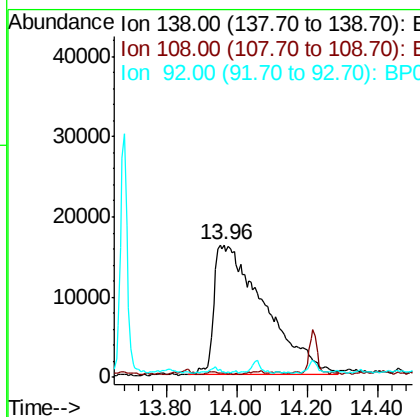
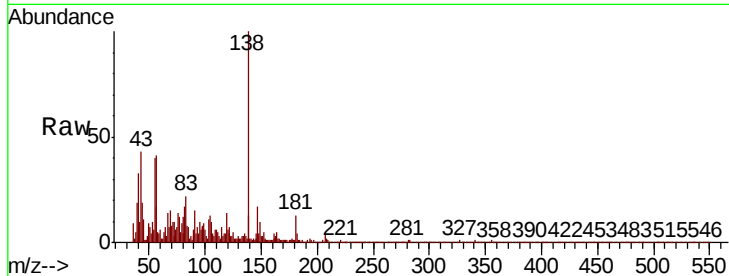




#53
3-Nitroaniline
Concen: 20.263 ng
RT: 13.96 min Scan# 1883
Delta R.T. -0.17 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

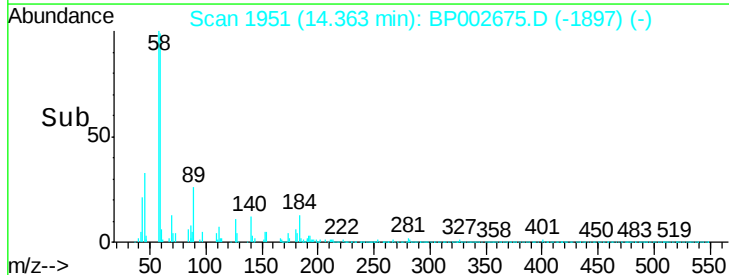
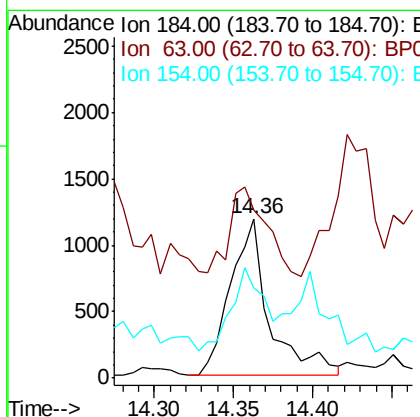
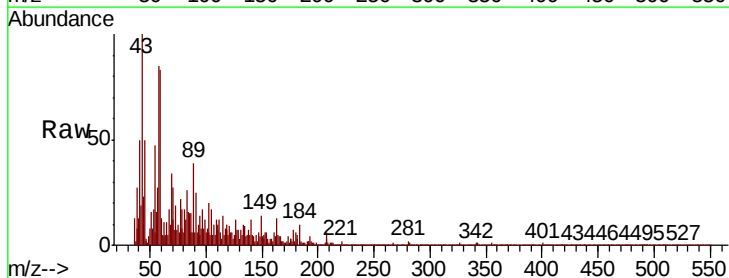
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

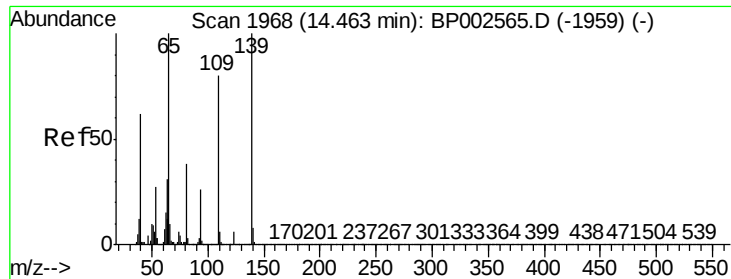
Tot Ion:138 Resp: 160870
Ion Ratio Lower Upper
138 100
108 2.9 8.6 12.8#
92 3.9 94.9 142.3#



#54
2,4-Dinitrophenol
Concen: 6.419 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:184 Resp: 2015
Ion Ratio Lower Upper
184 100
63 105.8 56.2 84.2#
154 56.8 50.9 76.3





#56

4-Nitrophenol

Concen: 5.071 ng

RT: 14.51 min Scan# 1976

Delta R.T. 0.05 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

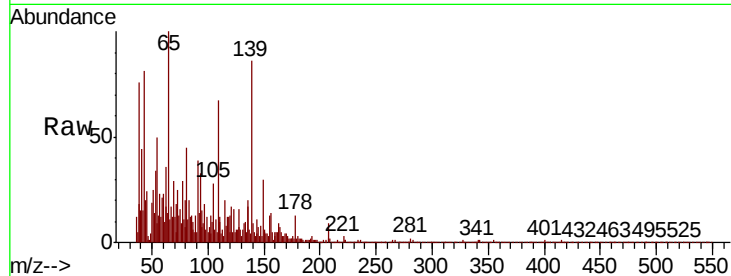
Tot Ion:139 Resp: 17033

Ion Ratio Lower Upper

139 100

109 77.6 60.1 100.1

65 116.5 80.3 120.3

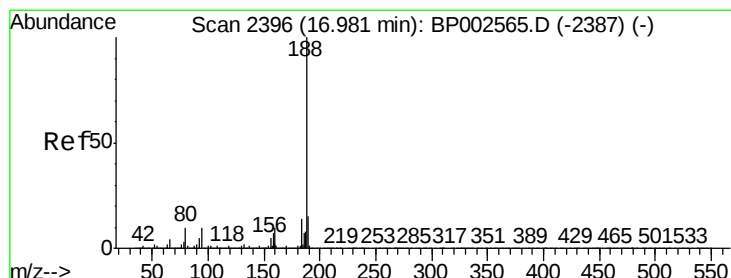
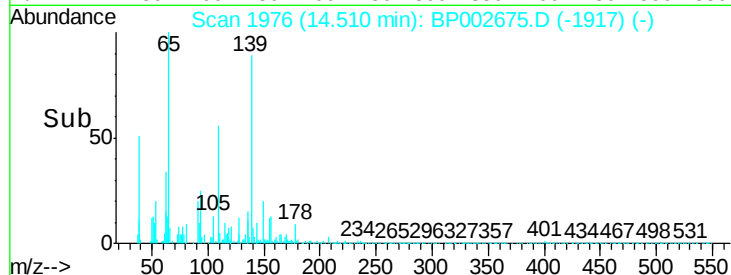
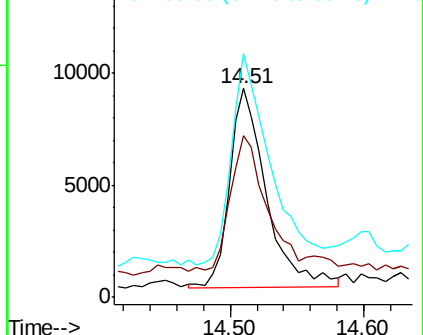


Abundance

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): BPC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

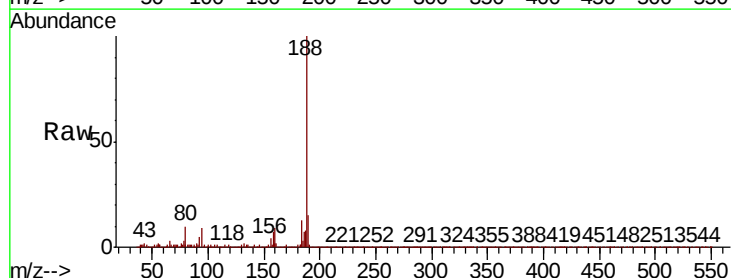
Tgt Ion:188 Resp: 1043913

Ion Ratio Lower Upper

188 100

94 8.8 7.8 11.6

80 9.7 8.2 12.4

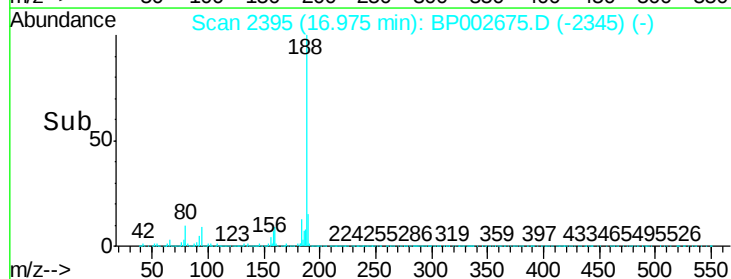
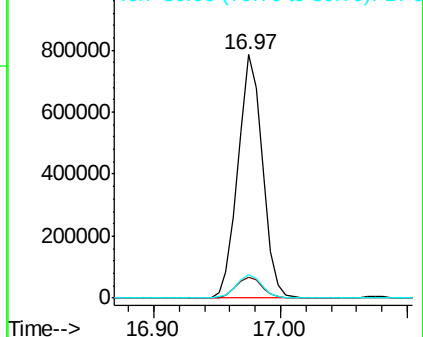


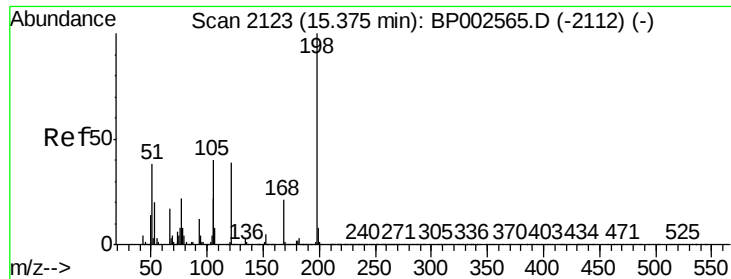
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPC

Ion 80.00 (79.70 to 80.70): BPC

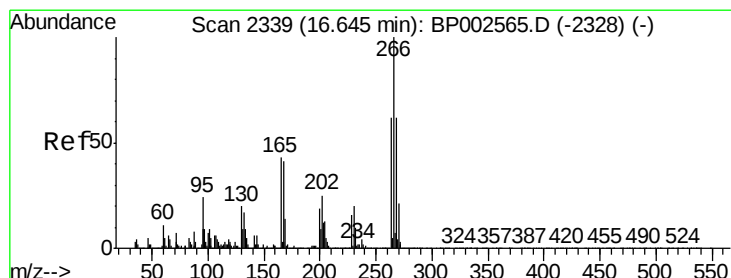
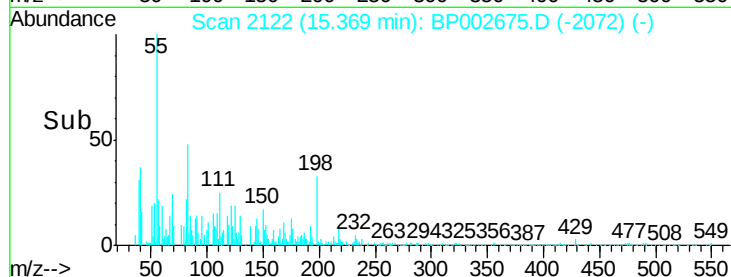
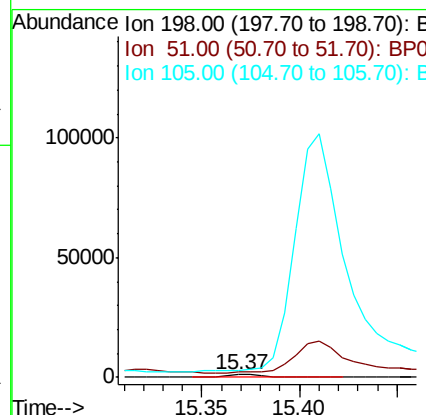
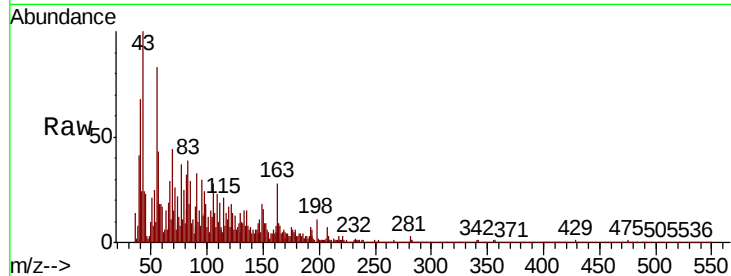




#65
4,6-Dinitro-2-methylphenol
Concen: 2.923 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

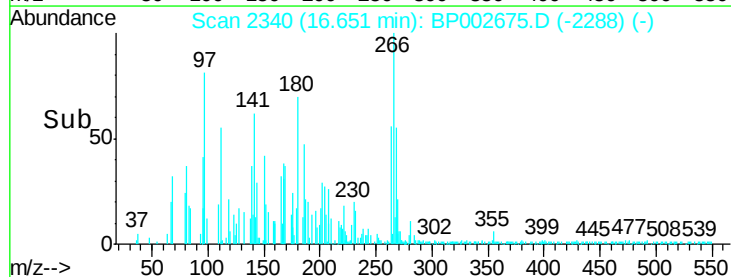
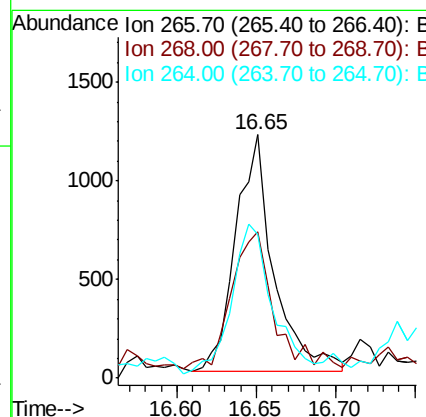
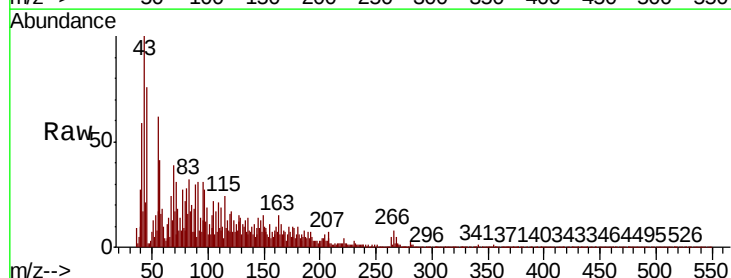
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

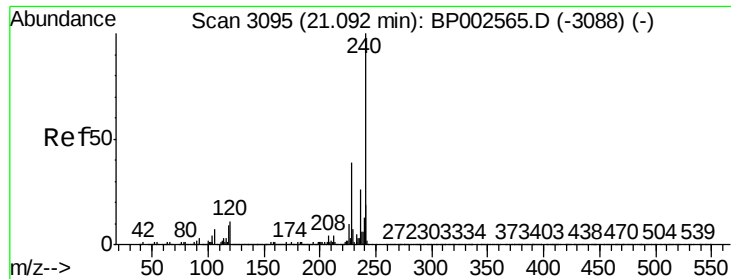
Tot Ion:198 Resp: 1516
Ion Ratio Lower Upper
198 100
51 198.8 24.2 64.2#
105 259.5 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.933 ng
RT: 16.65 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:266 Resp: 2014
Ion Ratio Lower Upper
266 100
268 60.1 49.7 74.5
264 59.0 49.3 73.9

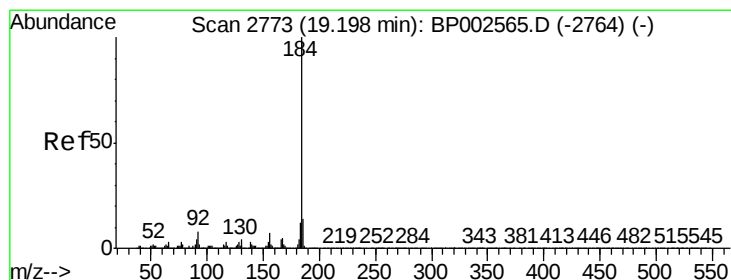
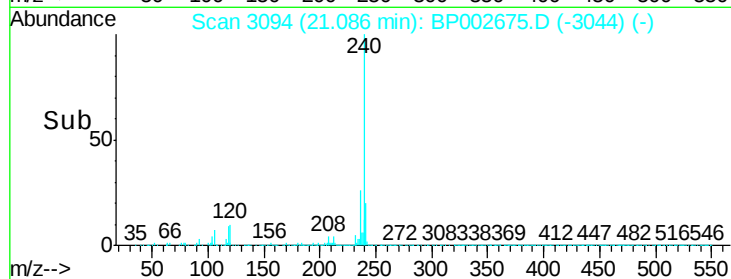
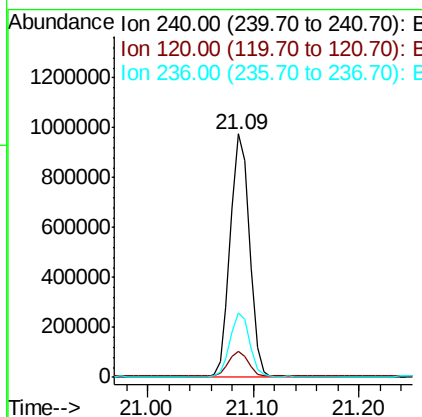
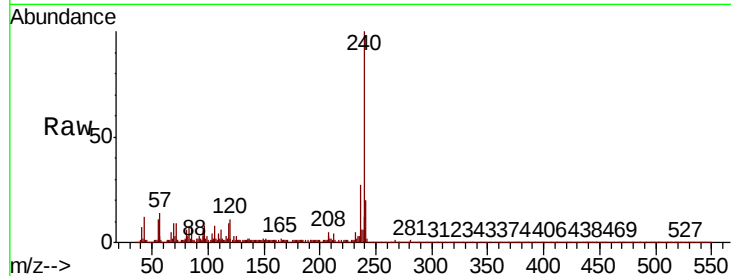




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

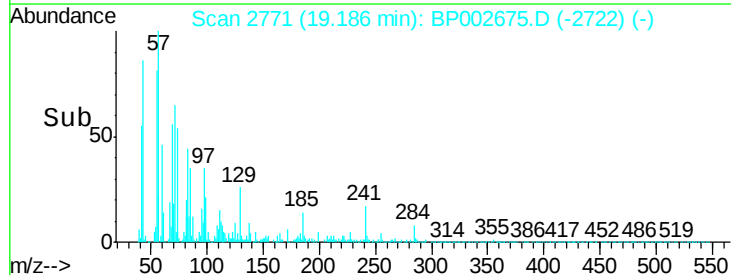
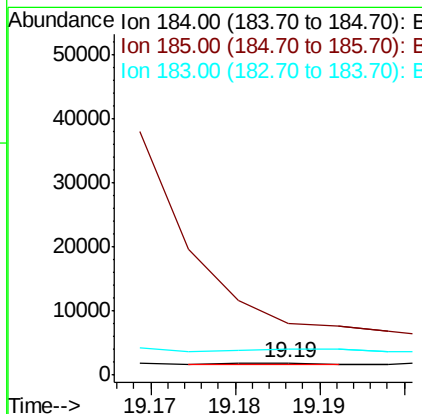
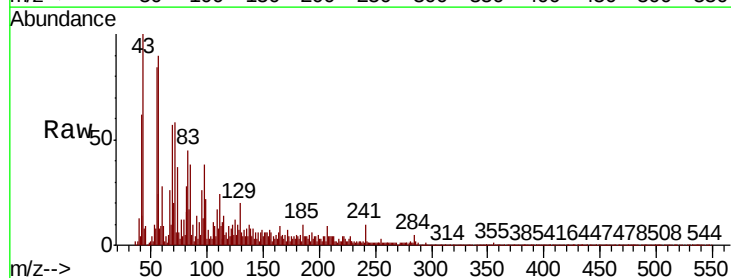
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

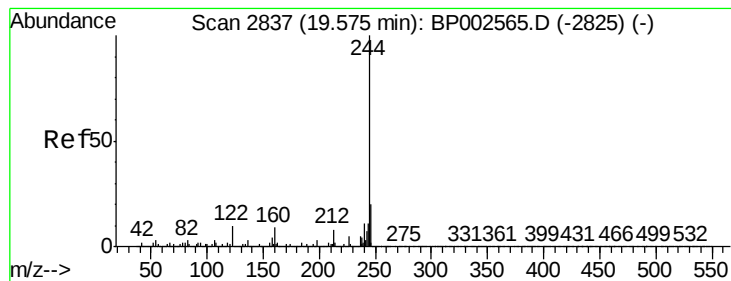
Tot Ion:240 Resp: 1222264
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.7 20.8 31.2



#77
Benzidine
Concen: 3.760 ng
RT: 19.19 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:184 Resp: 210
Ion Ratio Lower Upper
184 100
185 428.0 11.4 17.2#
183 213.6 9.2 13.8#





#79

Terphenyl-d14

Concen: 67.296 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

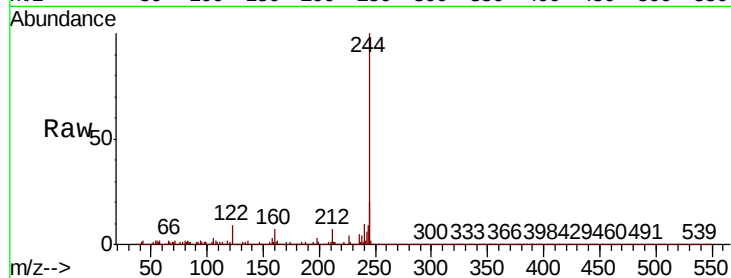
Tot Ion:244 Resp: 3810727

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

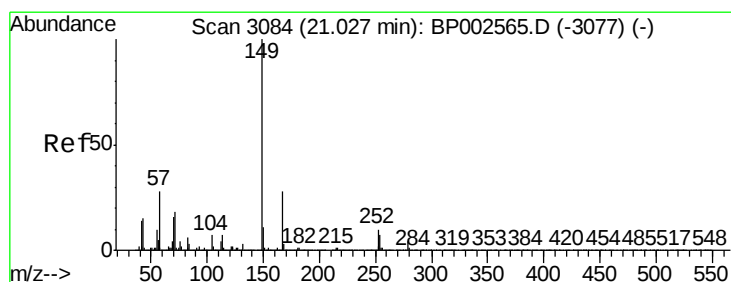
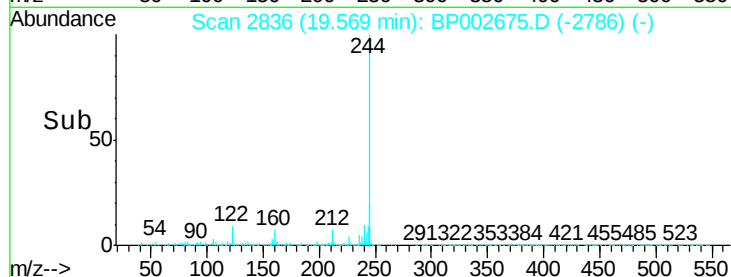
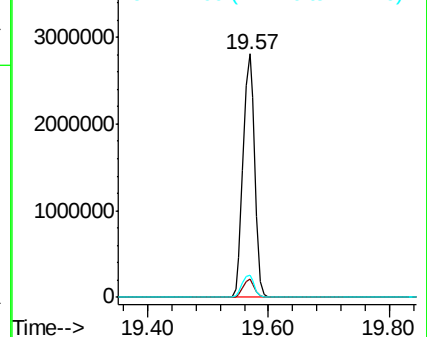
122 8.9 7.9 11.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.818 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BP002675.D

Acq: 08 Jul 2020 15:10

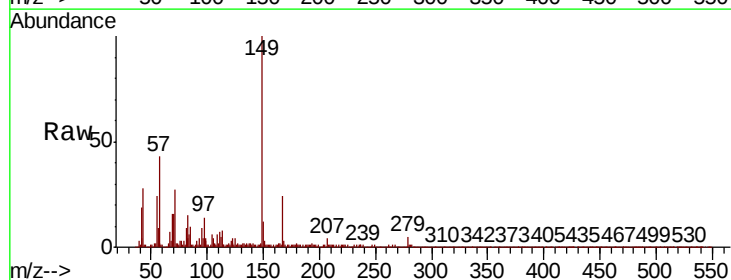
Tgt Ion:149 Resp: 1137932

Ion Ratio Lower Upper

149 100

167 24.2 22.1 33.1

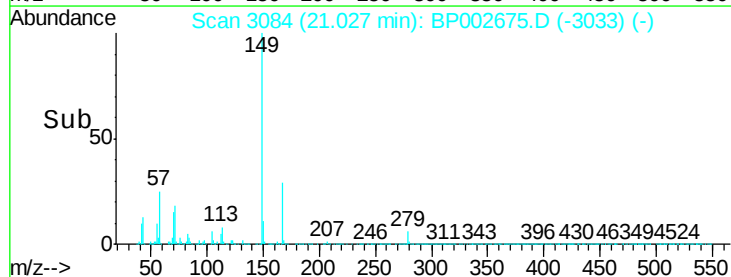
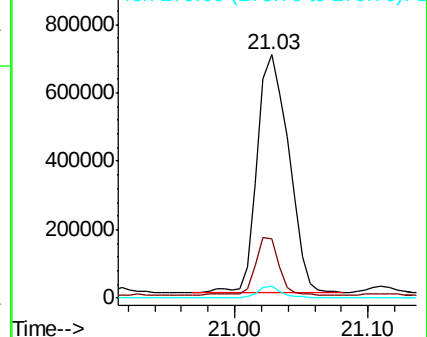
279 4.7 3.4 5.0

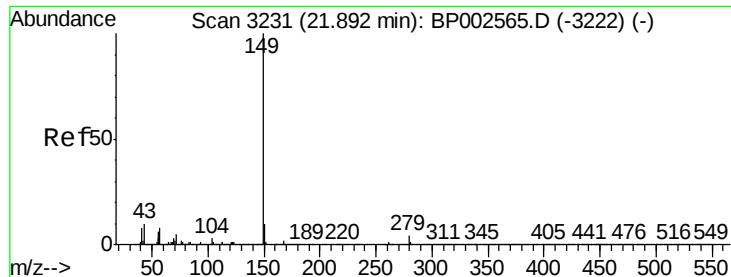


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

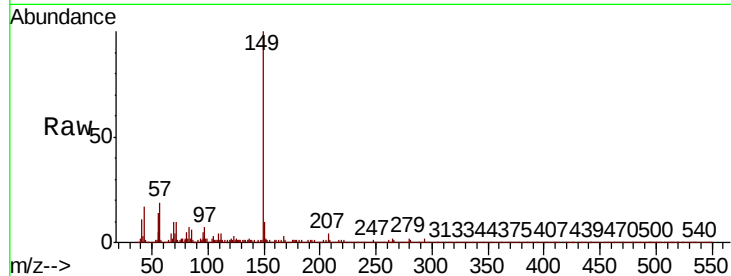




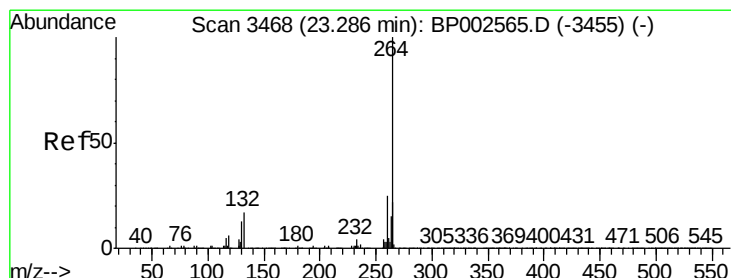
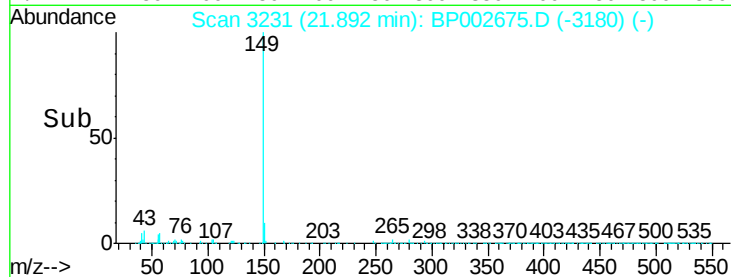
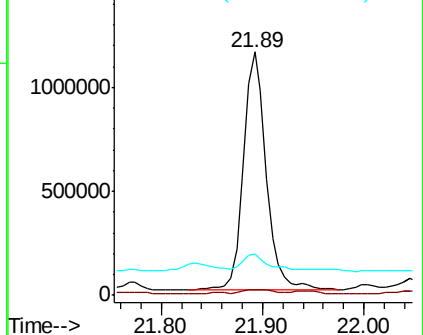
#85
Di-n-octyl phthalate
Concen: 19.272 ng
RT: 21.89 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

Tot Ion:149 Resp: 1775323
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 6.3 7.6 11.4#

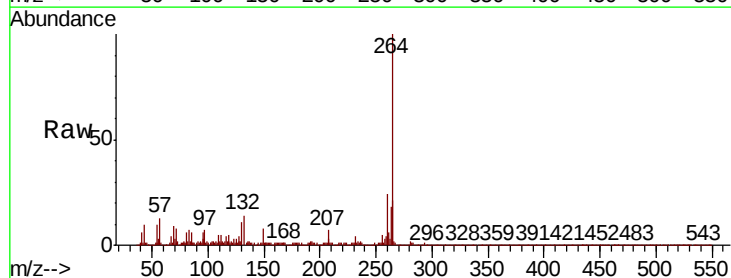


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002675.D
Acq: 08 Jul 2020 15:10

Tgt Ion:264 Resp: 1400210
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.4 17.6 26.4



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

