

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002664.D
 Acq On : 07 Jul 2020 18:39
 Operator : CG/JU
 Sample : L3194-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 08 00:53:01 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	218724	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	848995	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	543657	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1217682	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1254343	20.00	ng	0.00
86) Perylene-d12	23.28	264	1340041	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	50486	3.91	ng	0.00
7) Phenol-d6	6.77	99	36822	2.04	ng	0.00
23) Nitrobenzene-d5	8.72	82	107495	6.52	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	60323	9.12	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	316798	8.58	ng	0.00
79) Terphenyl-d14	19.56	244	525686	9.05	ng	-0.01

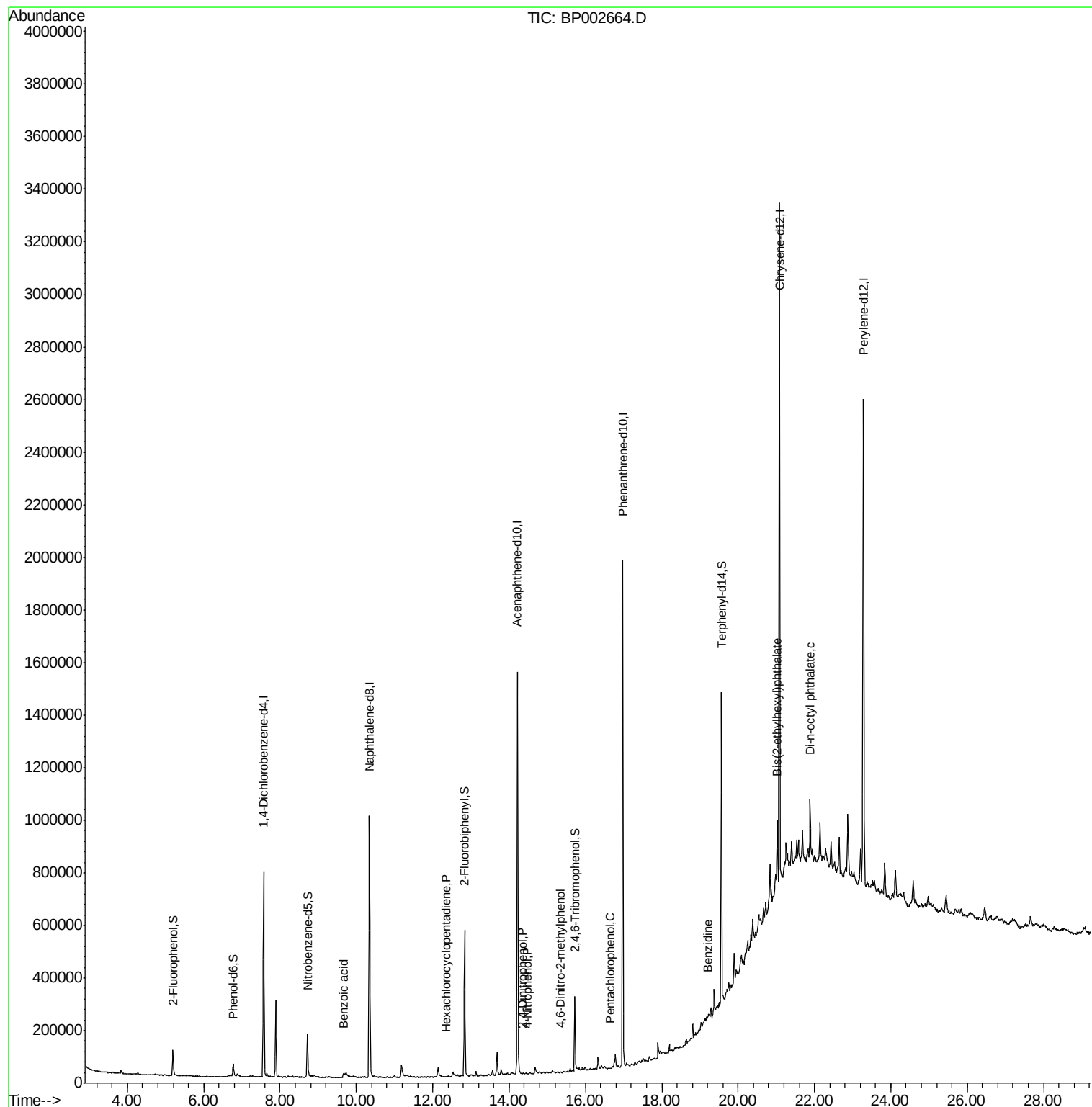
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	973	Below Cal		# 68
32) Benzoic acid	9.67	122	15980	10.081	ng	94
41) Hexachlorocyclopentadiene	12.35	237	40	4.386	ng	97
54) 2,4-Dinitrophenol	14.35	184	35	6.015	ng	# 1
56) 4-Nitrophenol	14.46	139	39	2.441	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	71	2.718	ng	# 1
70) Pentachlorophenol	16.65	266	115	2.675	ng	# 71
77) Benzidine	19.19	184	163	3.759	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.02	149	128942	2.409	ng	97
85) Di-n-octyl phthalate	21.89	149	190168	2.012	ng	# 94

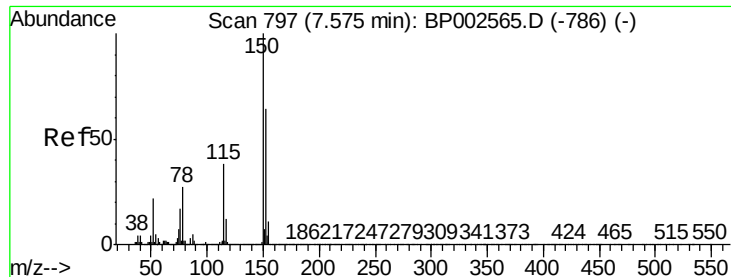
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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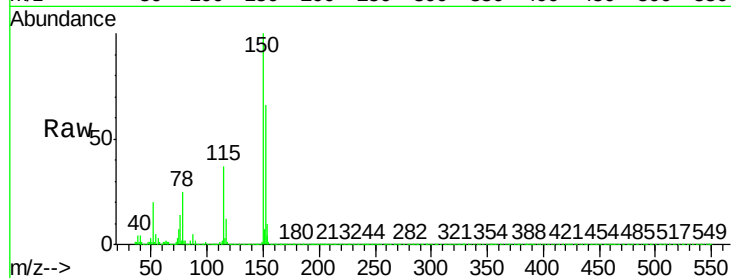


#1

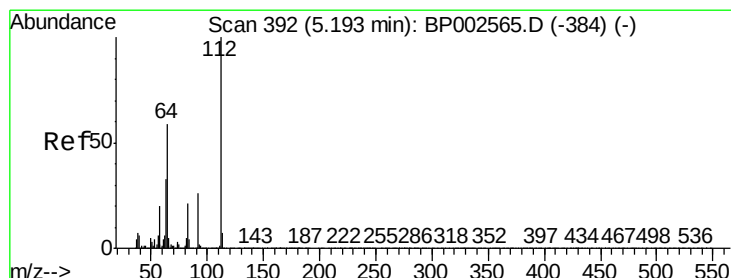
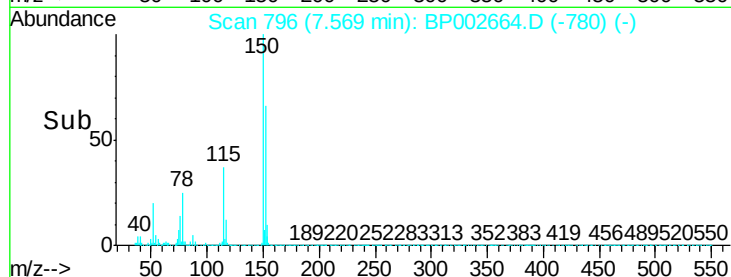
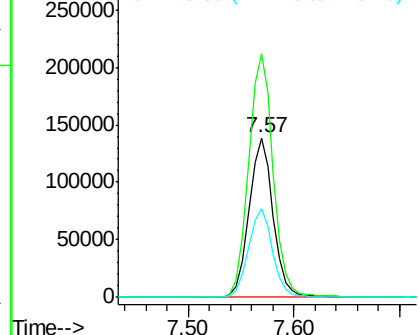
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.2	186.2
115	55.8	47.1	70.7



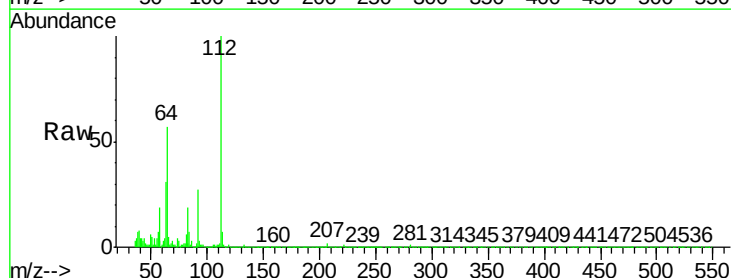
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



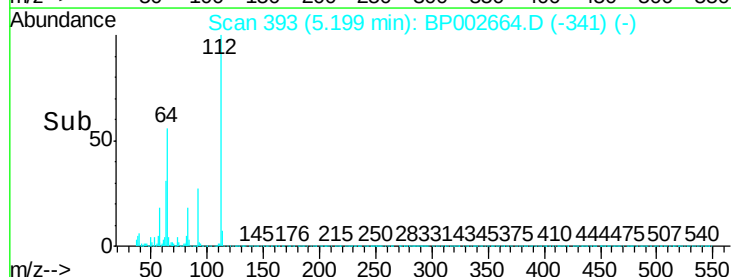
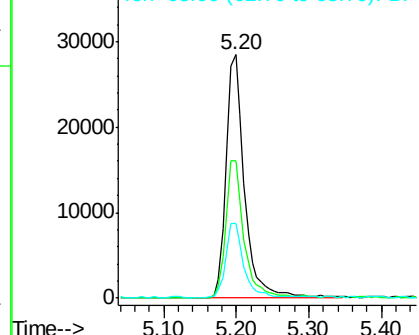
#5

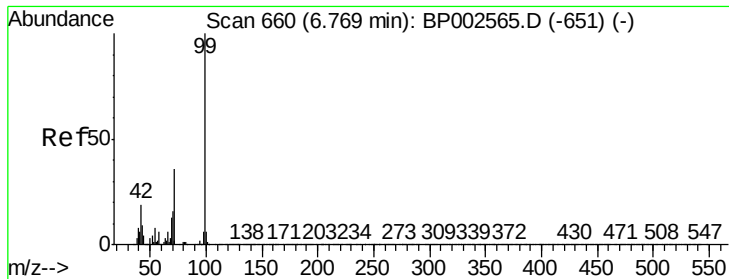
2-Fluorophenol
Concen: 3.908 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.0	70.6
63	30.9	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: 2.042 ng

RT: 6.77 min Scan# 661

Delta R.T. 0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

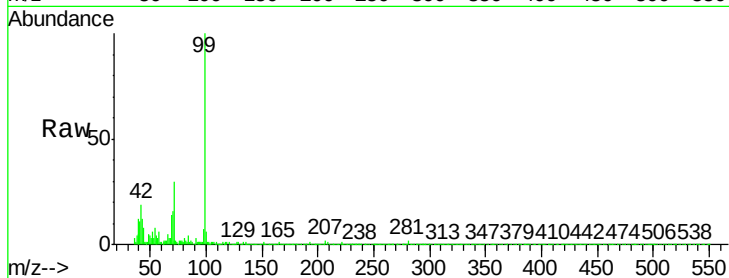
Tot Ion: 99 Resp: 36822

Ion Ratio Lower Upper

99 100

42 18.5 15.5 23.3

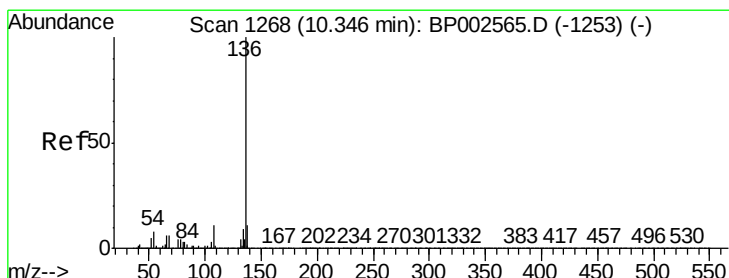
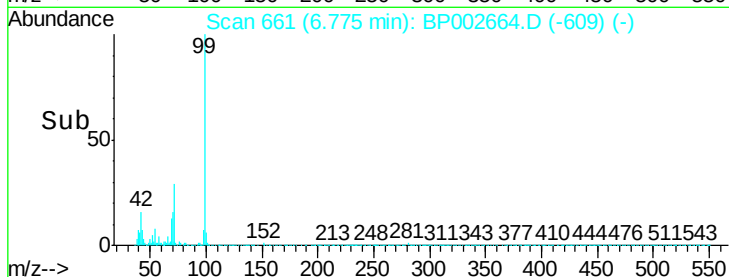
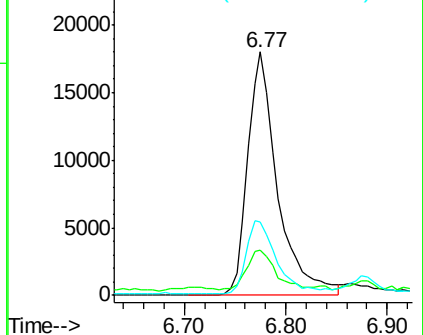
71 30.1 28.9 43.3



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: BP002664.D

Acq: 07 Jul 2020 18:39

Tgt Ion: 136 Resp: 848995

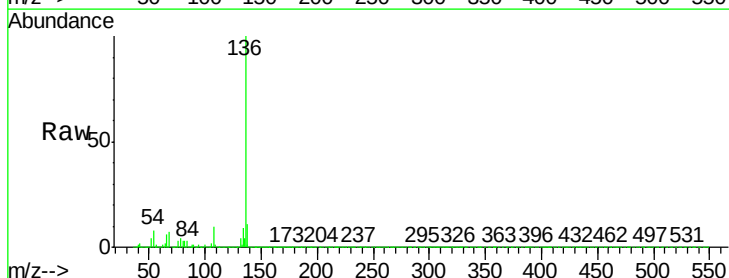
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 6.4 9.6

68 6.5 5.1 7.7

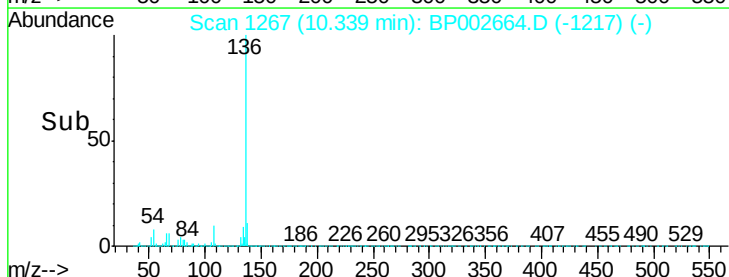
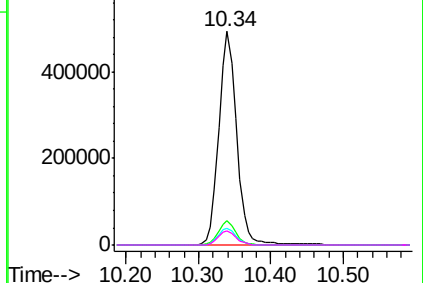


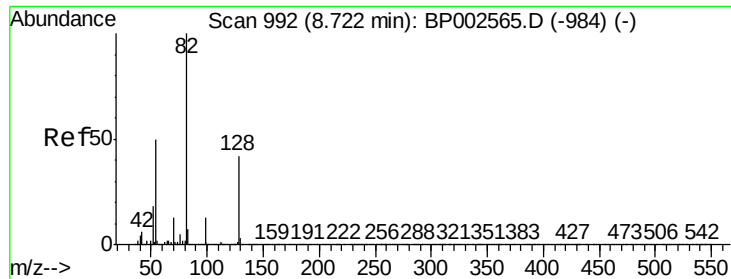
Abundance Ion 136.00 (135.70 to 136.70): E

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

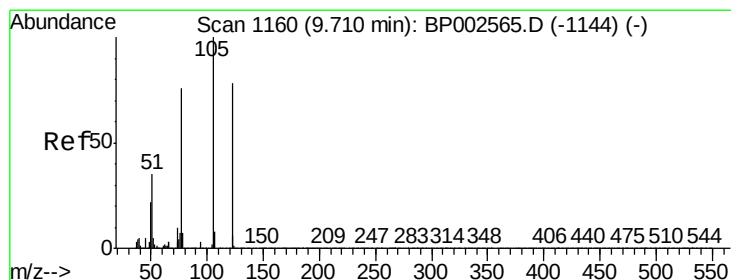
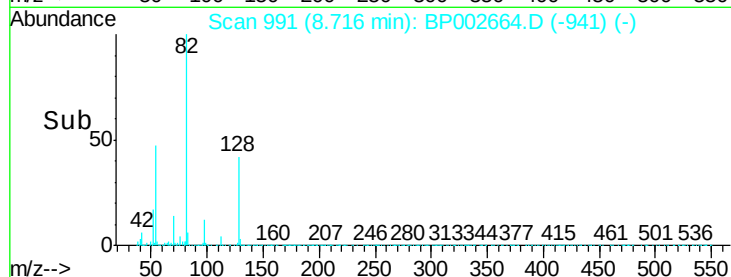
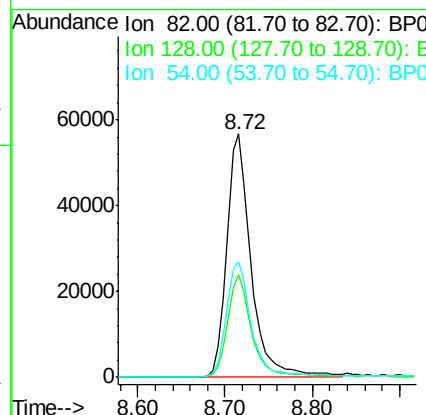
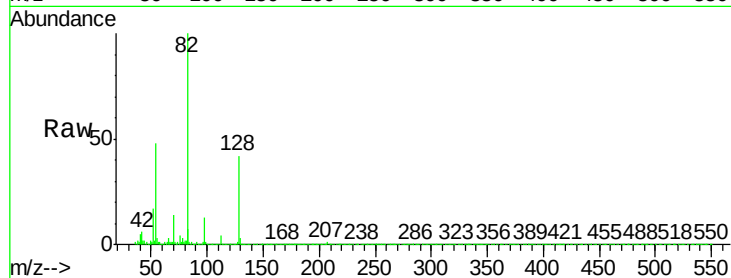




#23
 Nitrobenzene-d5
 Concen: 6.524 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002664.D
 Acq: 07 Jul 2020 18:39

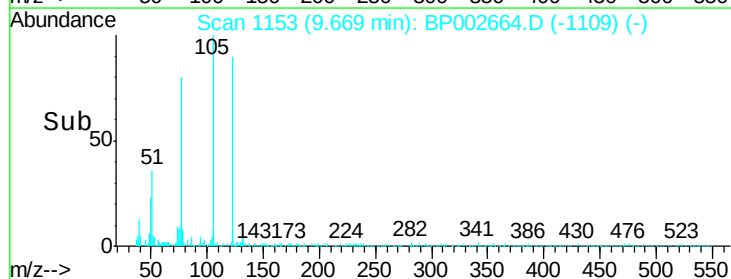
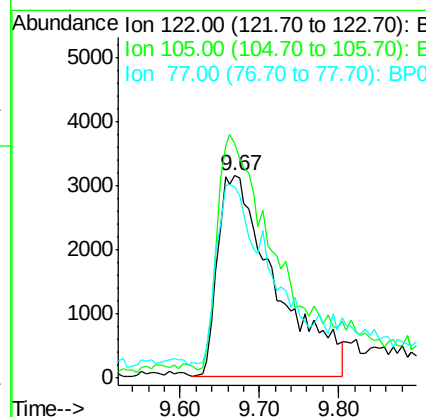
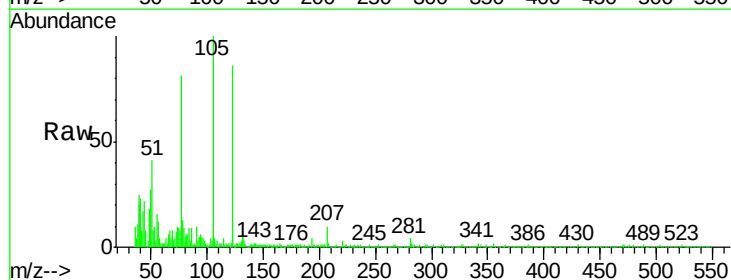
Instrument :
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 TUNNEL-WALL-WASHWATER(EXH)

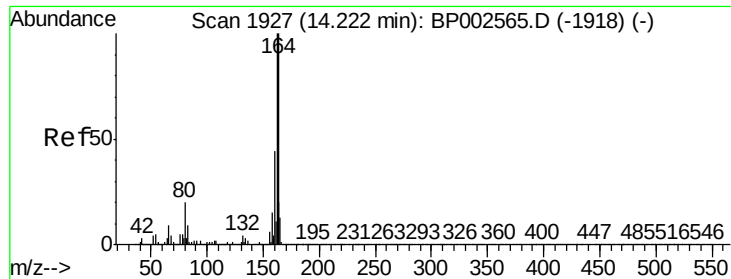
Tot Ion: 82 Resp: 107495
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.4 50.2
 54 47.6 40.1 60.1



#32
 Benzoic acid
 Concen: 10.081 ng
 RT: 9.67 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BP002664.D
 Acq: 07 Jul 2020 18:39

Tgt Ion: 122 Resp: 15980
 Ion Ratio Lower Upper
 122 100
 105 116.0 106.6 146.6
 77 94.5 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: BP002664.D

Acq: 07 Jul 2020 18:39

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

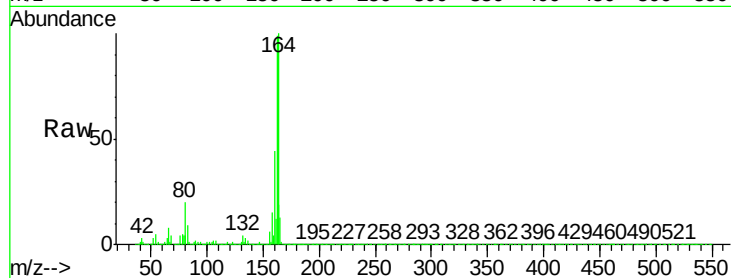
Tot Ion:164 Resp: 543657

Ion Ratio Lower Upper

164 100

162 98.9 80.3 120.5

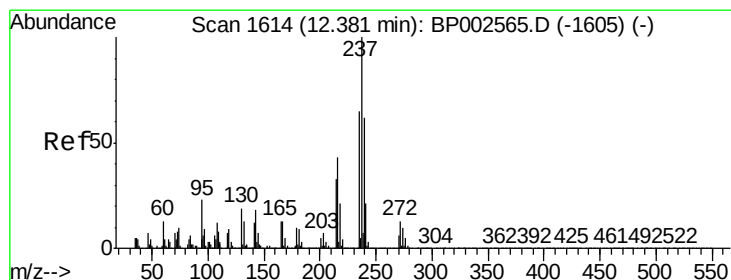
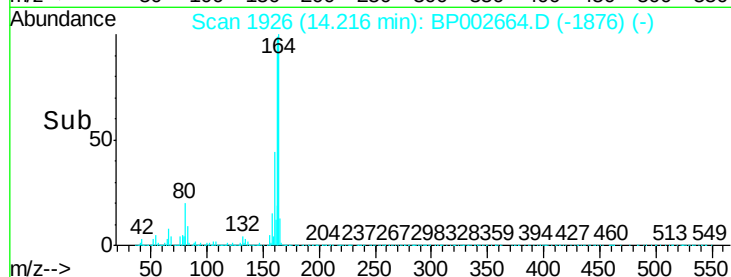
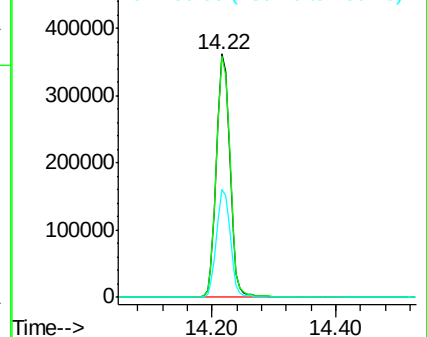
160 44.2 35.0 52.6



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



#41

Hexachlorocyclopentadiene

Concen: 4.386 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

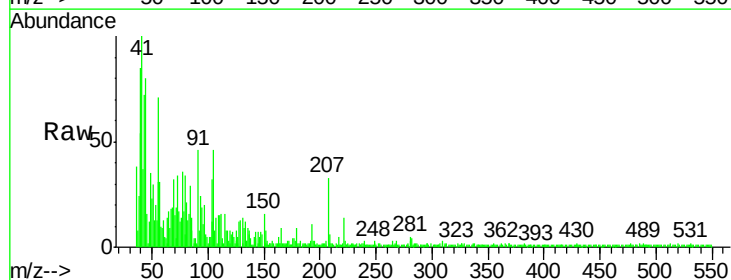
Tgt Ion:237 Resp: 40

Ion Ratio Lower Upper

237 100

235 65.7 45.4 85.4

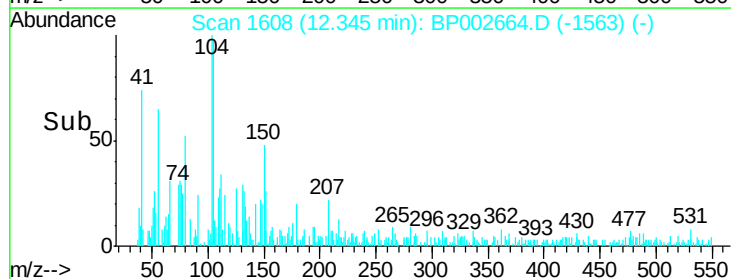
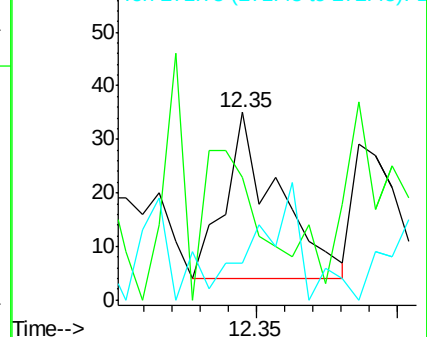
272 20.0 0.0 32.6

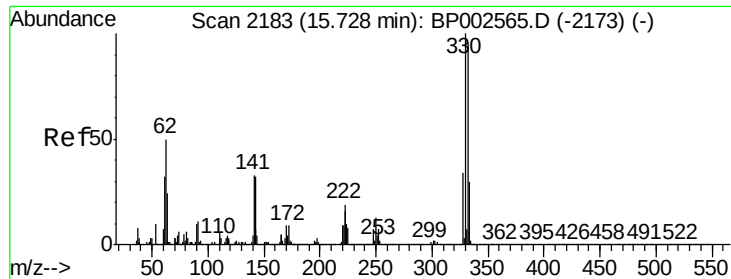


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

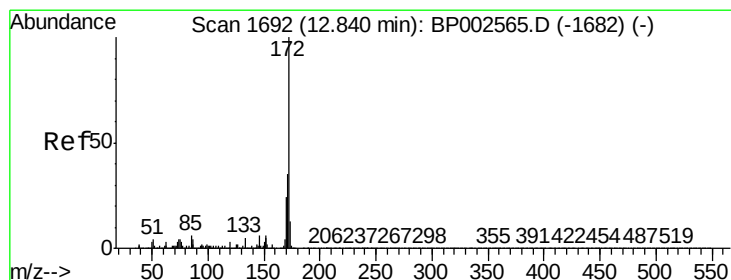
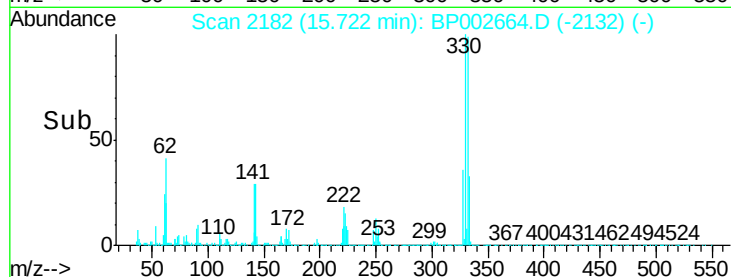
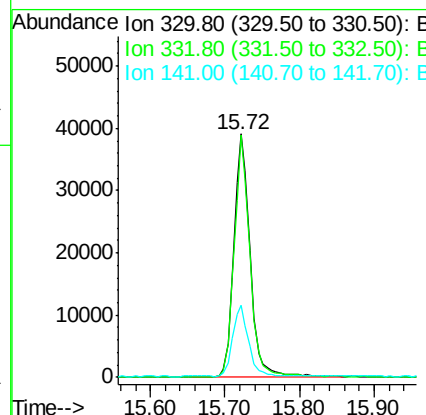
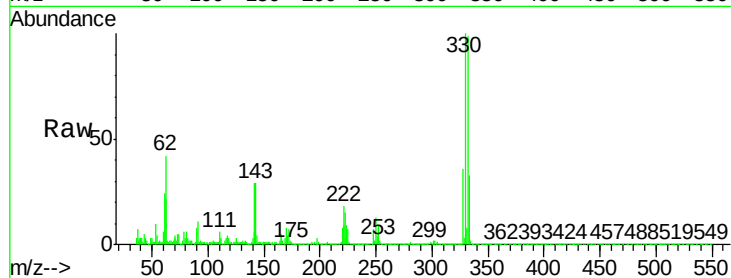




#42
2,4,6-Tribromophenol
Concen: 9.123 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

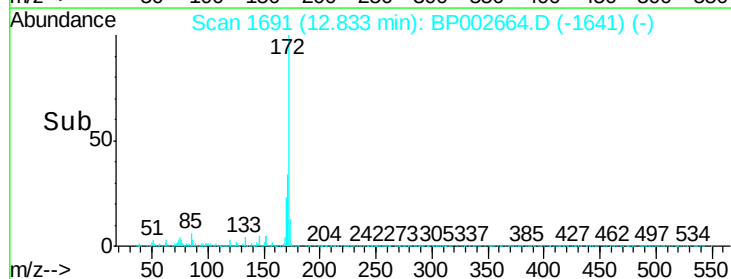
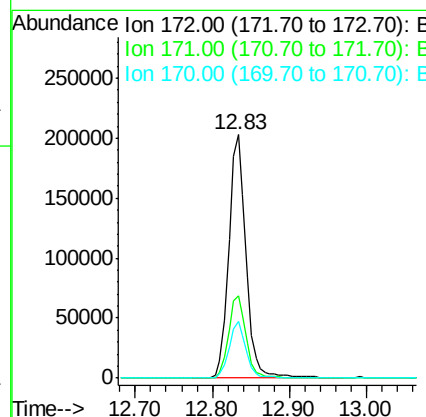
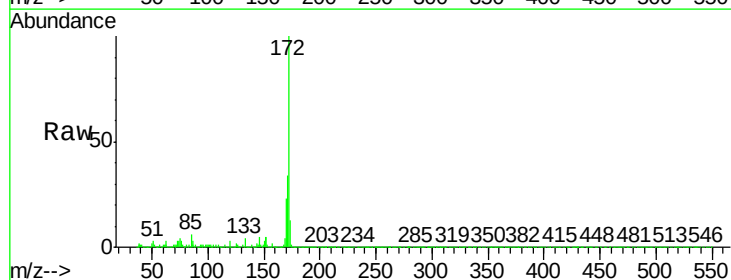
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

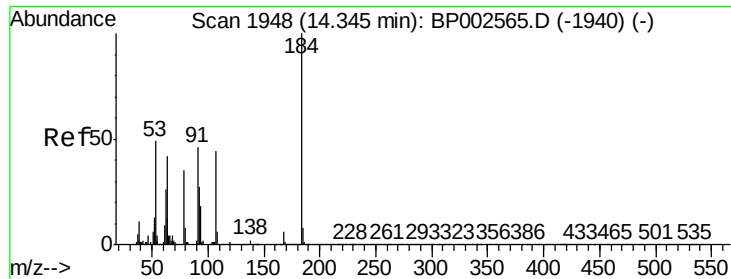
Tot Ion:330 Resp: 60323
Ion Ratio Lower Upper
330 100
332 95.0 77.7 116.5
141 28.0 29.0 43.6#



#45
2-Fluorobiphenyl
Concen: 8.577 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

Tgt Ion:172 Resp: 316798
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 23.1 19.0 28.4

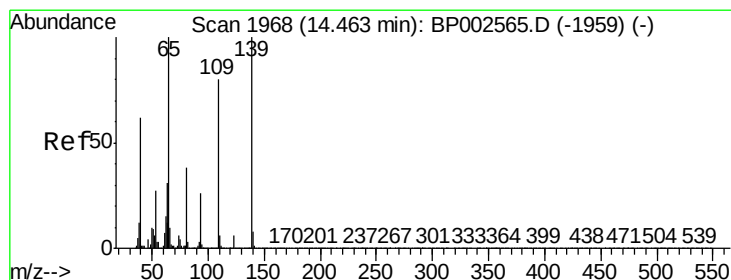
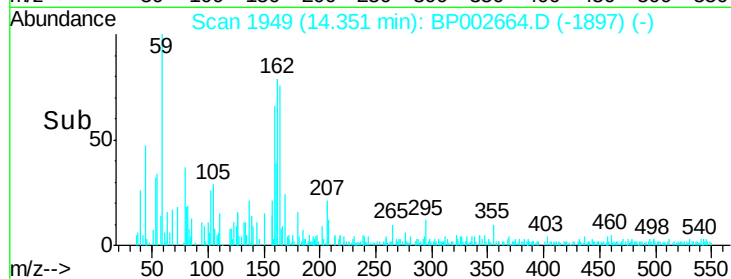
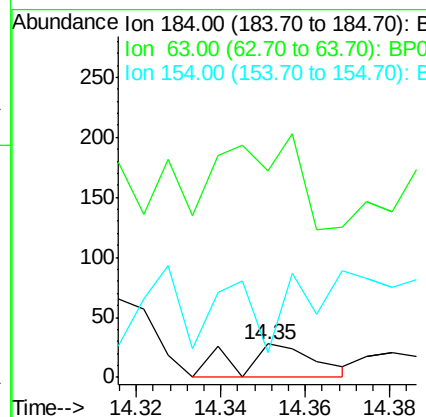
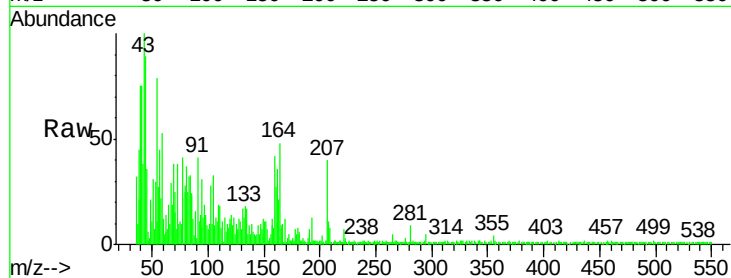




#54
2,4-Dinitrophenol
Concen: 6.015 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

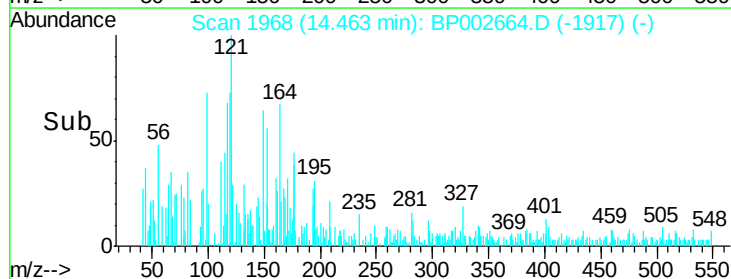
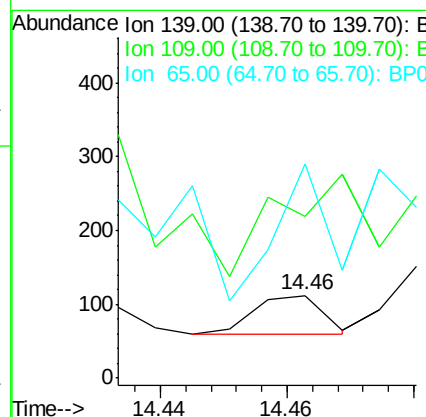
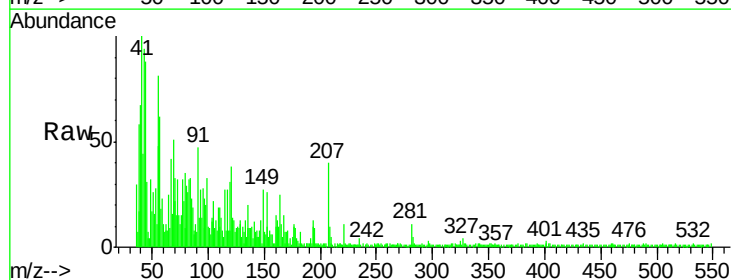
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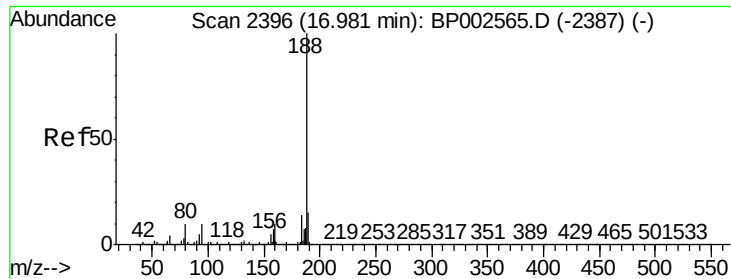
Tot Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 491.4 56.2 84.2#
154 60.0 50.9 76.3



#56
4-Nitrophenol
Concen: 2.441 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

Tgt Ion:139 Resp: 39
Ion Ratio Lower Upper
139 100
109 195.5 60.1 100.1#
65 259.8 80.3 120.3#

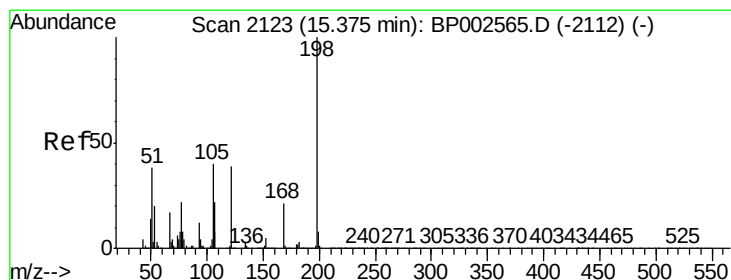
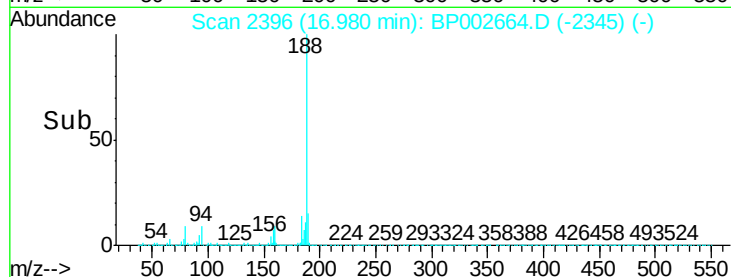
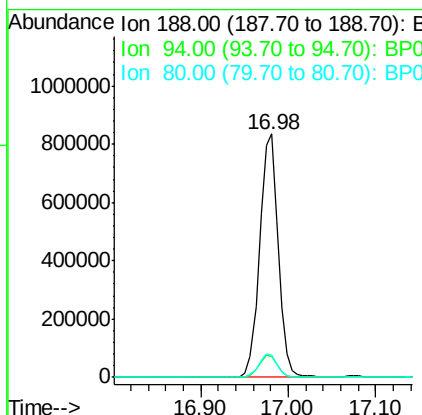
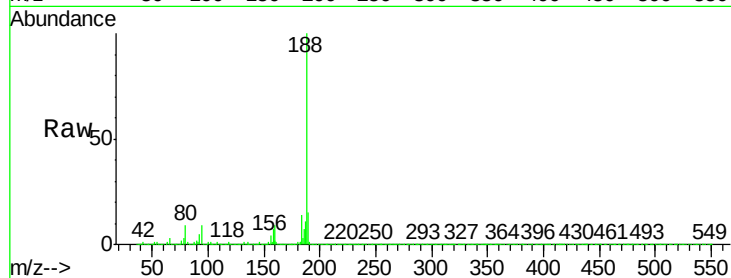




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

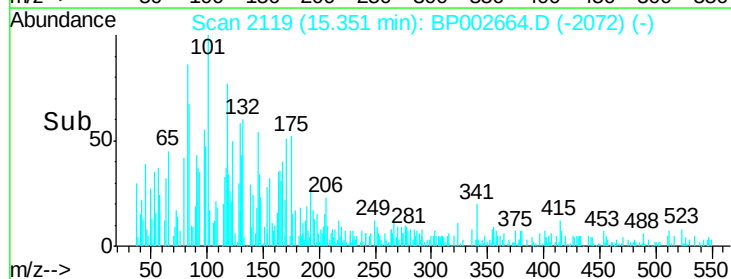
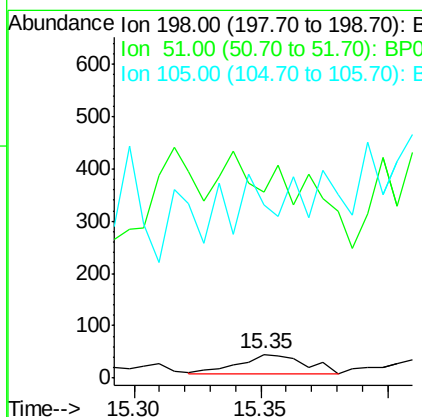
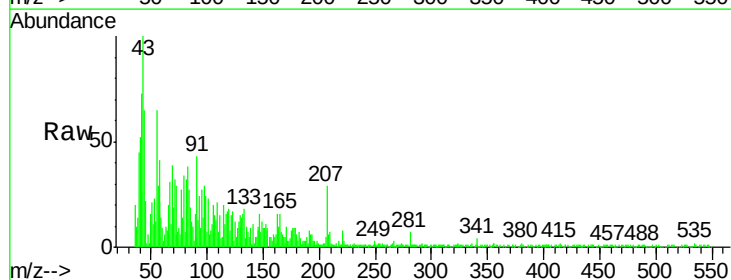
Instrument :
BNA_P
ClientSampleId :
TUNNEL-WALL-WASHWATER(EXH)

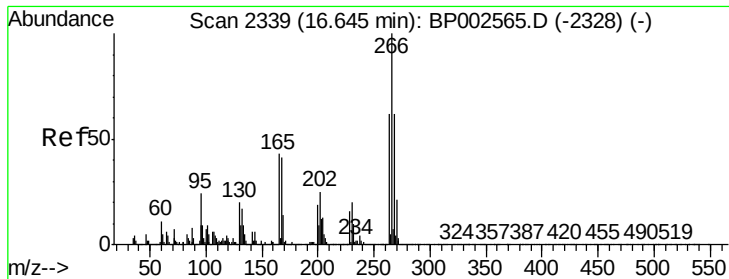
Tot Ion:188 Resp: 1217682
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.718 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
51 791.1 24.2 64.2#
105 737.8 20.7 60.7#





#70

Pentachlorophenol

Concen: 2.675 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

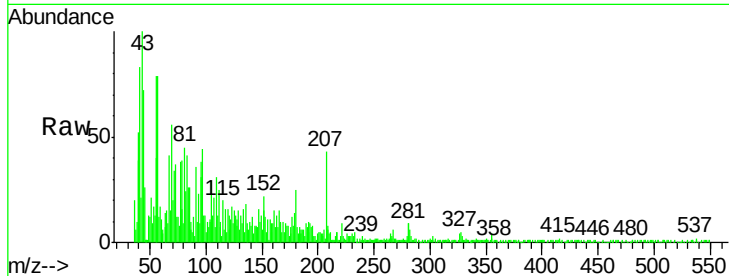
Tot Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

268 30.9 49.7 74.5#

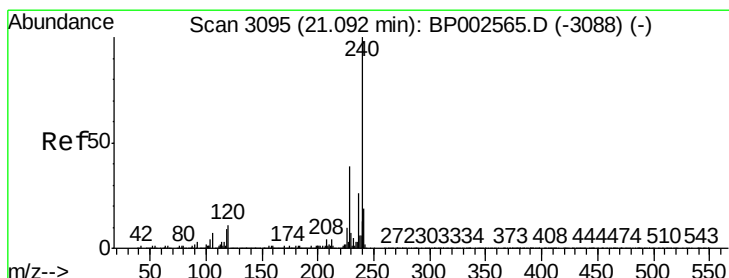
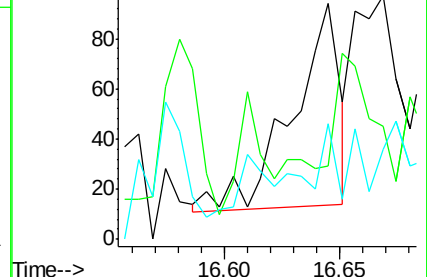
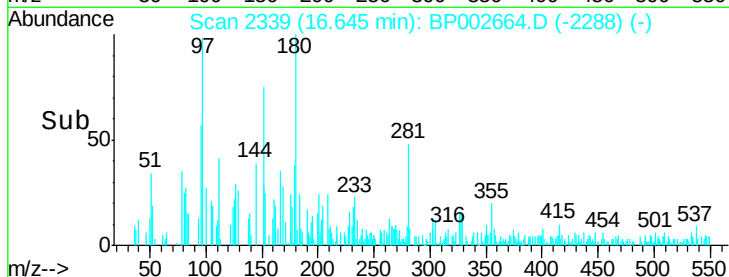
264 48.9 49.3 73.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

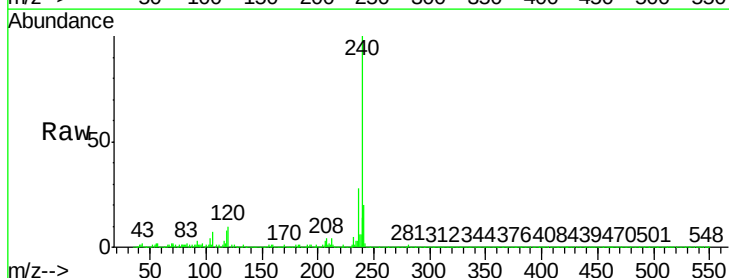
Tgt Ion:240 Resp: 1254343

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

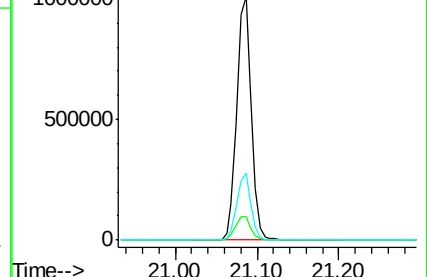
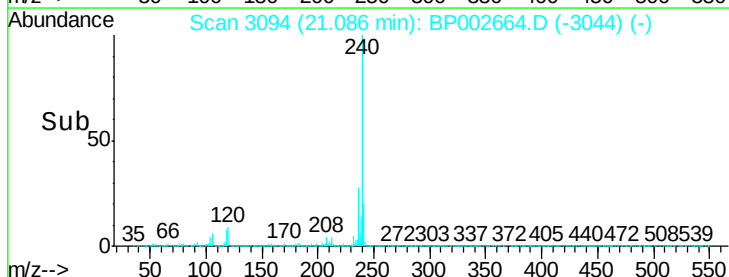
236 27.6 20.8 31.2

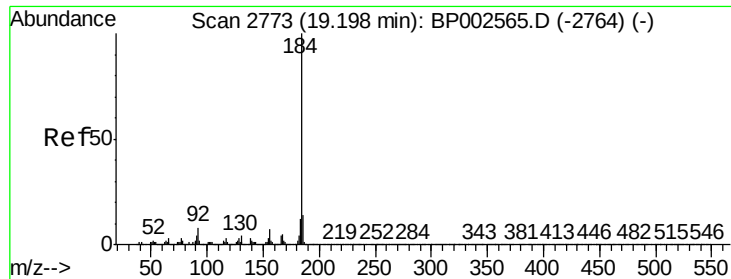


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.759 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

Instrument :

BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

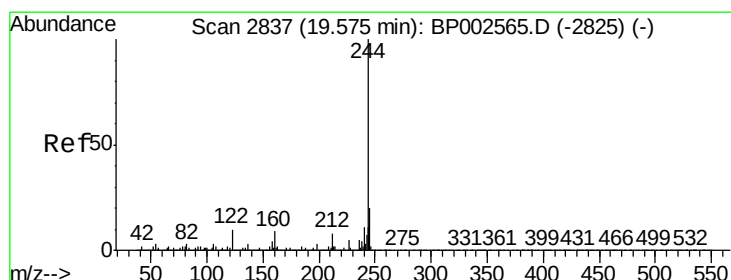
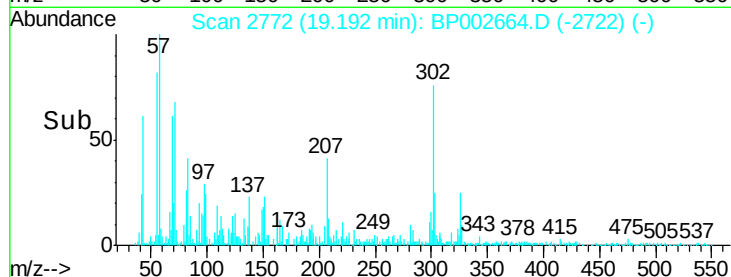
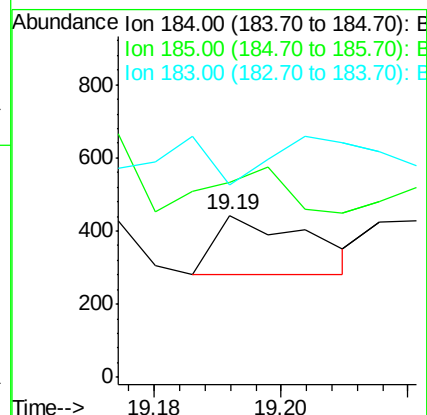
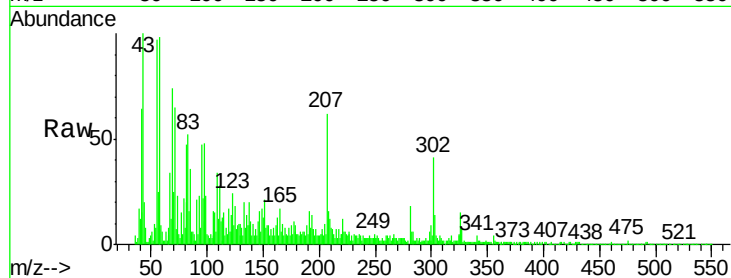
Tot Ion:184 Resp: 163

Ion Ratio Lower Upper

184 100

185 120.5 11.4 17.2#

183 119.0 9.2 13.8#



#79

Terphenyl-d14

Concen: 9.046 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

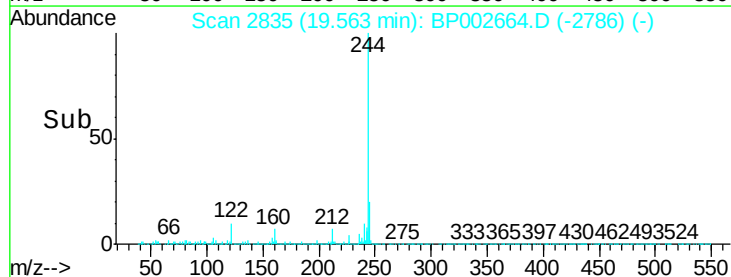
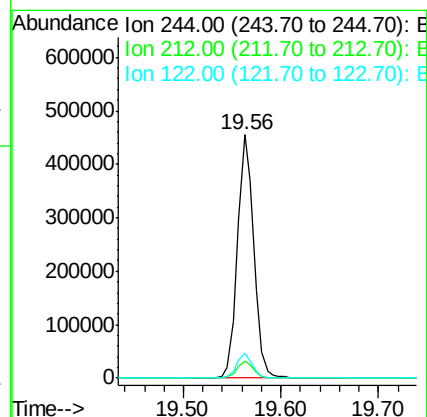
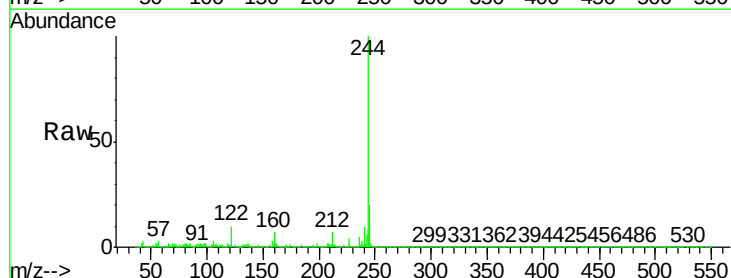
Tgt Ion:244 Resp: 525686

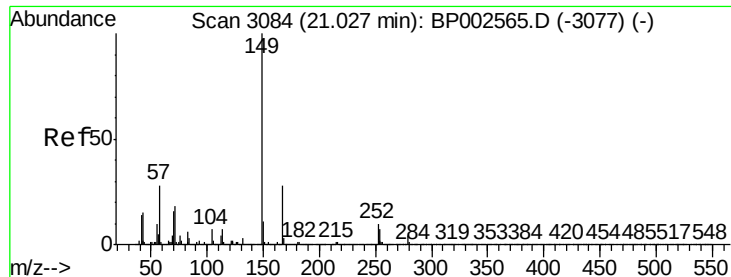
Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 10.1 7.9 11.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.409 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

Instrument :

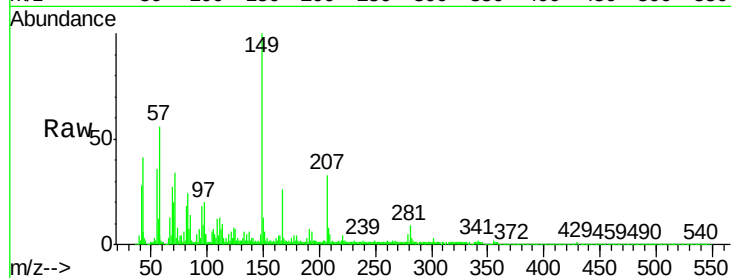
BNA_P

ClientSampleId :

TUNNEL-WALL-WASHWATER(EXH)

Tot Ion:149 Resp: 128942

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.1	33.1
279	4.7	3.4	5.0

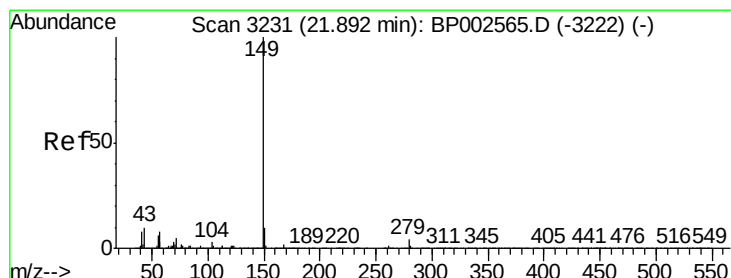
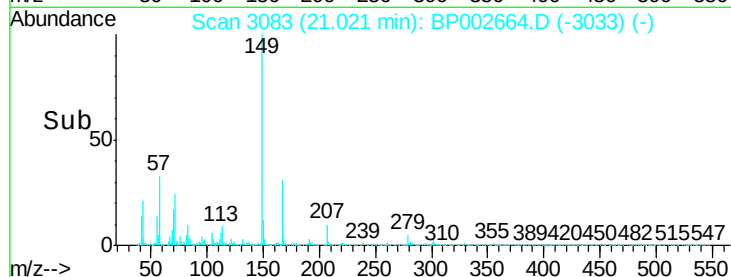
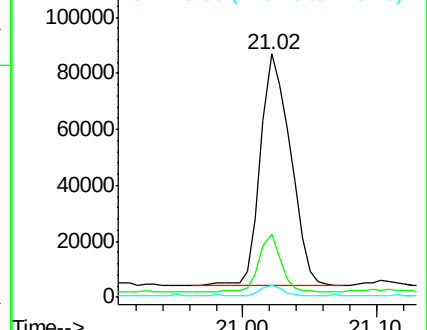


Abundance

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: 2.012 ng

RT: 21.89 min Scan# 3230

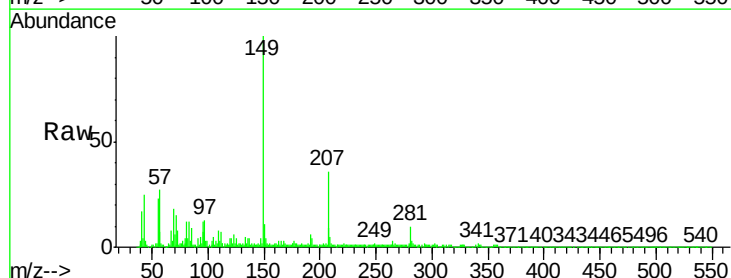
Delta R.T. -0.01 min

Lab File: BP002664.D

Acq: 07 Jul 2020 18:39

Tgt Ion:149 Resp: 190168

Ion	Ratio	Lower	Upper
149	100		
167	2.5	1.3	1.9#
43	7.3	7.6	11.4#

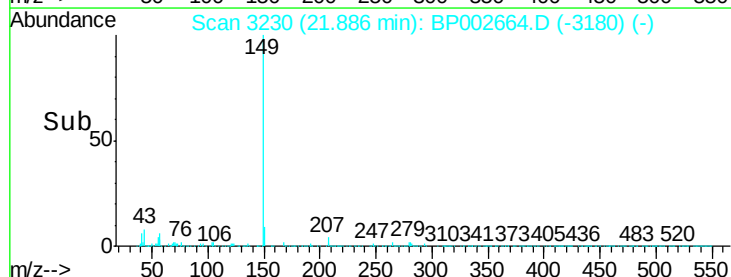
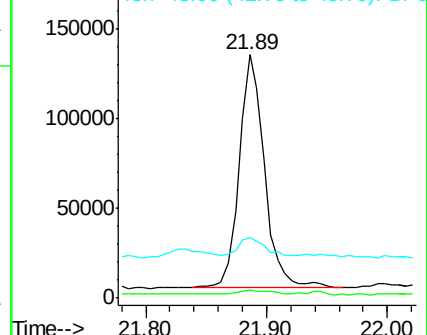


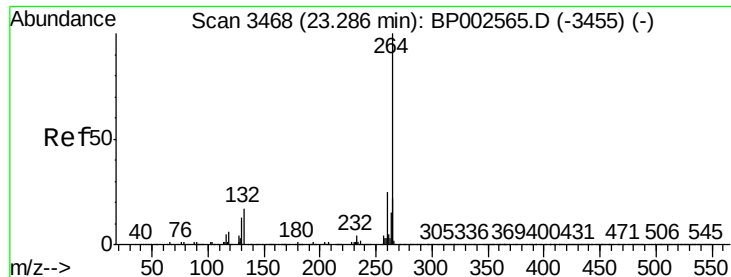
Abundance

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



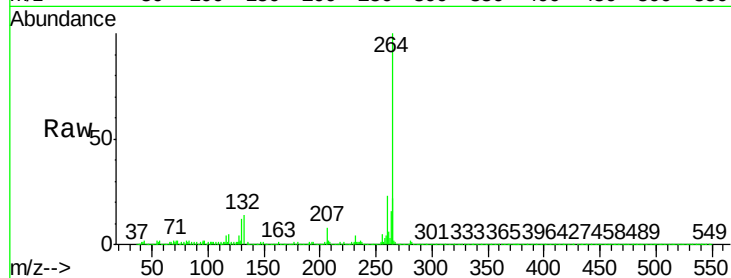


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002664.D
Acq: 07 Jul 2020 18:39

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

Tot Ion:264 Resp: 1340041

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	21.5	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

