

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003626.D
 Acq On : 15 Oct 2020 16:11
 Operator : CG/JU
 Sample : L4242-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 15 16:40:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

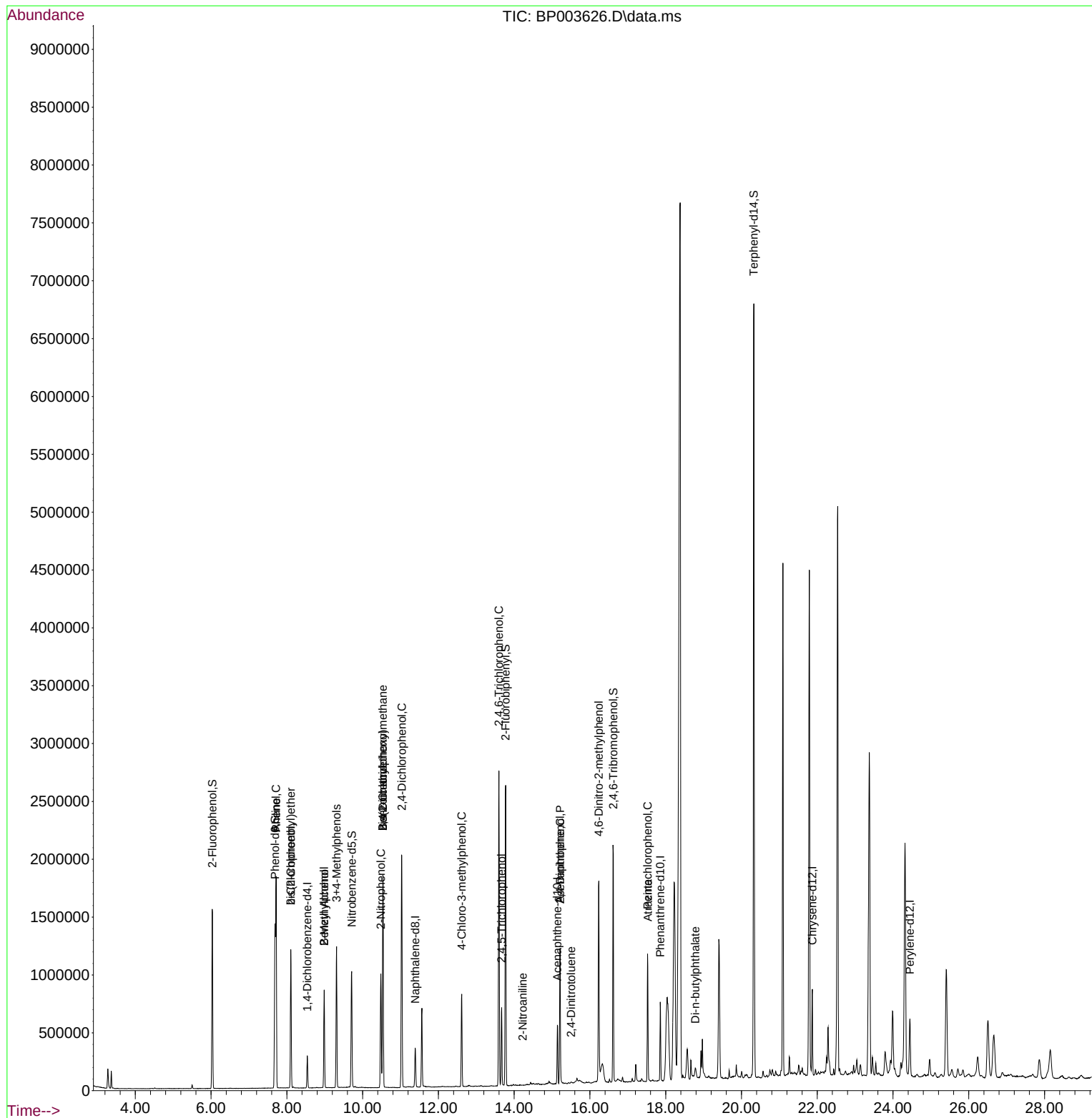
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	69787	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	254995	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	170562	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	382670	20.00	ng	0.00
76) Chrysene-d12	21.869	240	380883	20.00	ng	#-0.01
86) Perylene-d12	24.445	264	388427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	613867	151.22	ng	0.00
7) Phenol-d6	7.687	99	818959	138.50	ng	0.00
23) Nitrobenzene-d5	9.710	82	594022	108.01	ng	0.00
42) 2,4,6-Tribromophenol	16.616	330	380561	167.35	ng	0.00
45) 2-Fluorobiphenyl	13.775	172	1283250	98.71	ng	0.00
79) Terphenyl-d14	20.322	244	2120518	100.73	ng	-0.01
Target Compounds						Qvalue
6) Aniline	7.716	93	21357	3.09	ng	# 1
8) 2-Chlorophenol	8.105	128	465024	112.68	ng	82
9) Benzaldehyde	7.716	77	12239	Below Cal		# 1
10) Phenol	7.716	94	907187	158.87	ng	77
11) bis(2-Chloroethyl)ether	8.105	93	12971	2.83	ng	# 1
15) Benzyl Alcohol	8.987	79	129923	27.35	ng	# 15
17) 2-Methylphenol	8.987	107	233198	60.27	ng	# 88
20) 3+4-Methylphenols	9.310	107	496230	96.34	ng	90
26) 2-Nitrophenol	10.481	139	264136	161.31	ng	# 62
27) 2,4-Dimethylphenol	10.534	122	478627	141.52	ng	# 83
28) bis(2-Chloroethoxy)met...	10.534	93	28386	4.50	ng	# 1
29) 2,4-Dichlorophenol	11.034	162	685880	162.47	ng	95
32) Benzoic acid	10.534	122	478627	233.18	ng	# 27
36) 4-Chloro-3-methylphenol	12.616	107	259107	53.77	ng	84
43) 2,4,6-Trichlorophenol	13.598	196	625749	174.50	ng	100
44) 2,4,5-Trichlorophenol	13.669	196	166985	44.34	ng	# 95
48) 2-Nitroaniline	14.228	65	586	4.35	ng	# 6
52) Acenaphthene	15.210	154	160301	15.40	ng	# 4
54) 2,4-Dinitrophenol	15.210	184	238521	138.90	ng	# 77
57) 2,4-Dinitrotoluene	15.504	165	492	3.68	ng	# 63
65) 4,6-Dinitro-2-methylph...	16.234	198	380465	202.17	ng	90
69) Atrazine	17.528	200	36974	8.30	ng	# 36
70) Pentachlorophenol	17.522	266	199329	76.38	ng	98
74) Di-n-butylphthalate	18.780	149	70414	3.09	ng	# 89

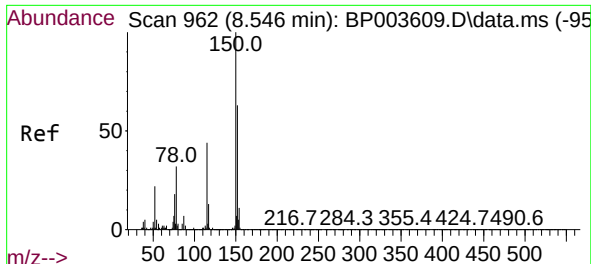
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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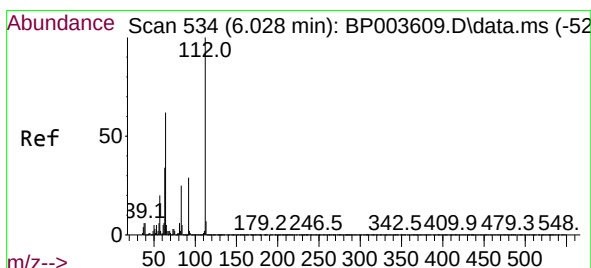
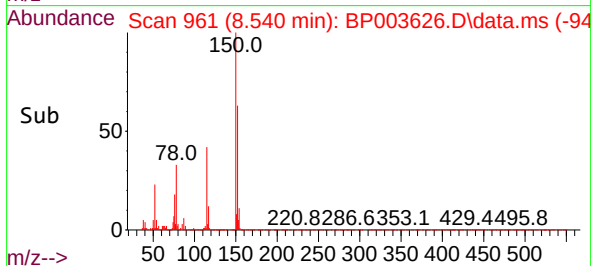
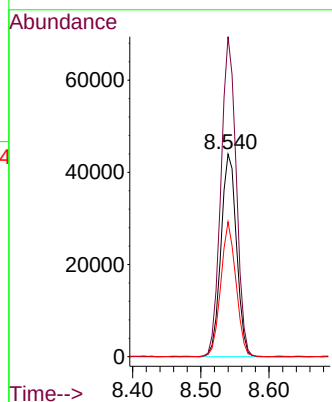
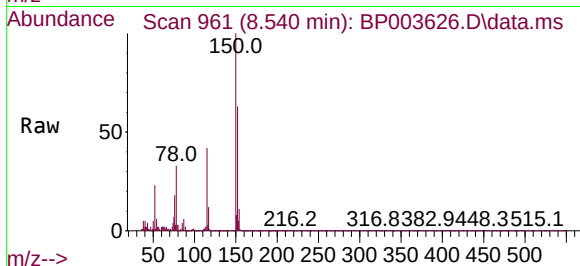




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

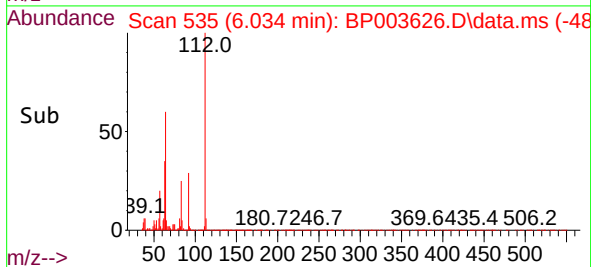
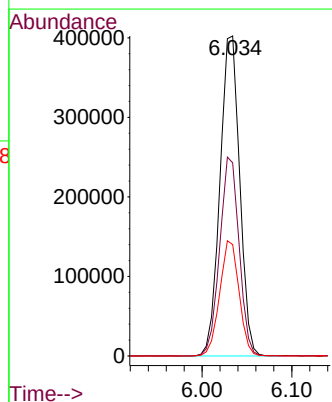
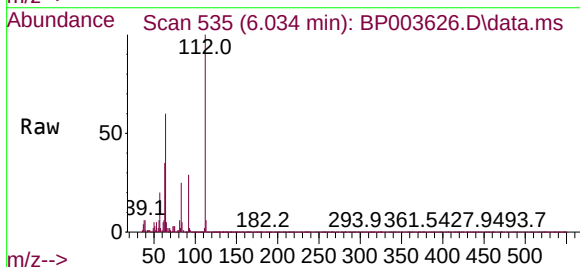
Instrument :
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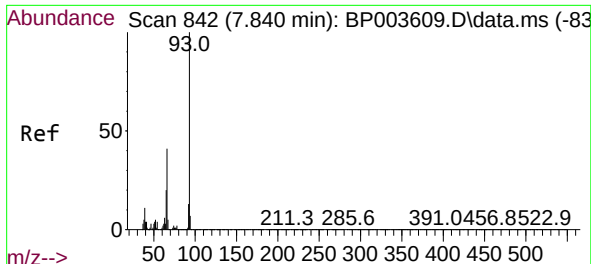
Tgt Ion:152 Resp: 69787
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 66.6 43.8 65.6#



#5
2-Fluorophenol
Concen: 151.22 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:112 Resp: 613867
Ion Ratio Lower Upper
112 100
64 60.3 32.8 49.2#
63 34.8 17.0 25.4#

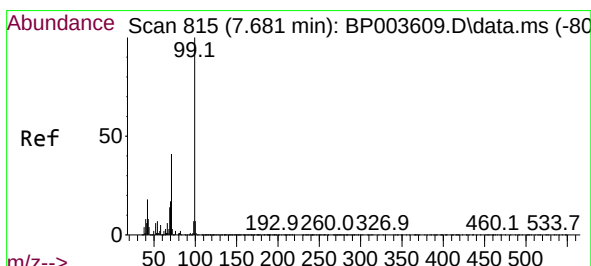
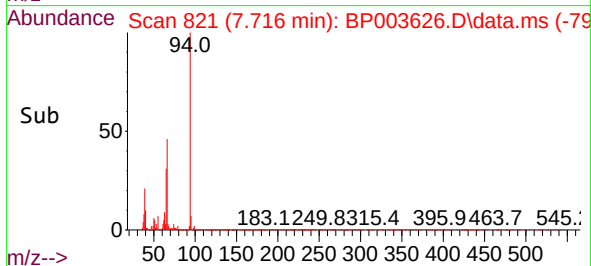
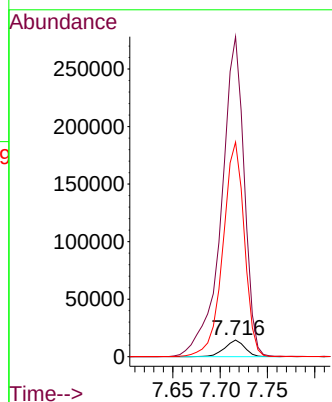
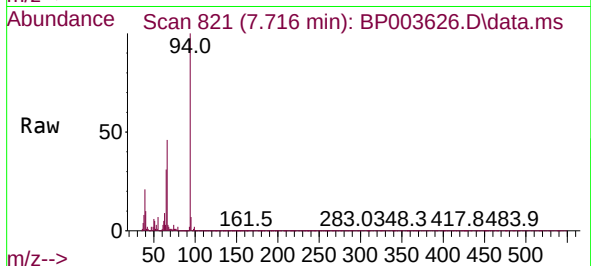




#6
Aniline
Concen: 3.09 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.123 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

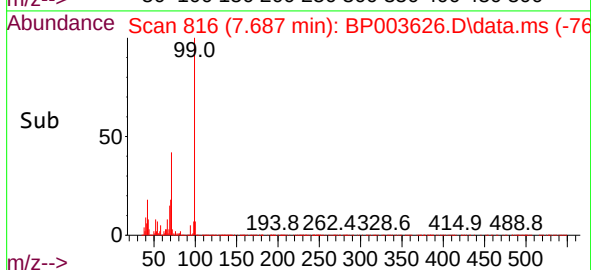
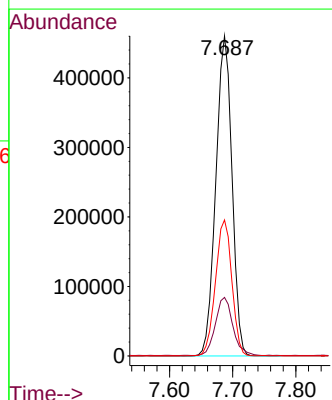
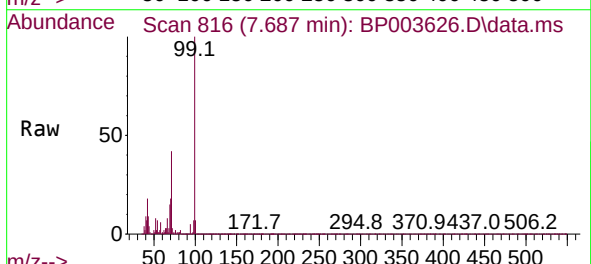
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

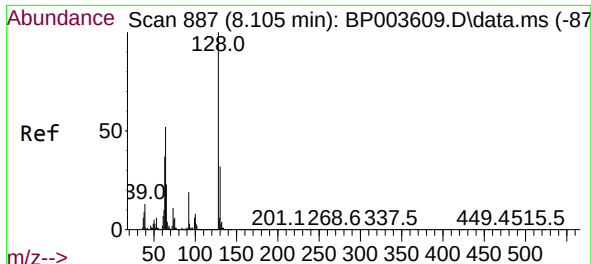
Tgt Ion: 93 Resp: 21357
Ion Ratio Lower Upper
93 100
66 1922.9 25.4 38.0#
65 1289.3 12.5 18.7#



#7
Phenol-d6
Concen: 138.50 ng
RT: 7.687 min Scan# 816
Delta R.T. 0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion: 99 Resp: 818959
Ion Ratio Lower Upper
99 100
42 18.3 8.6 13.0#
71 42.5 23.4 35.2#

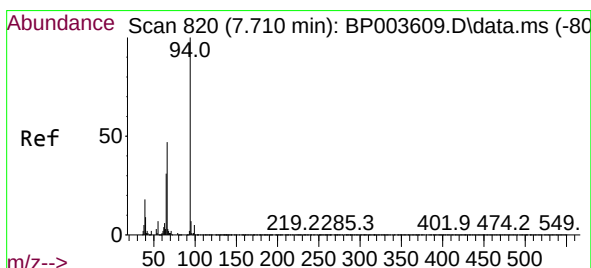
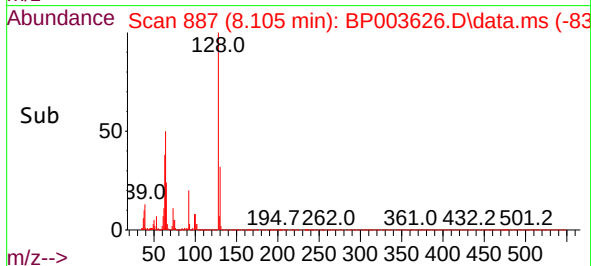
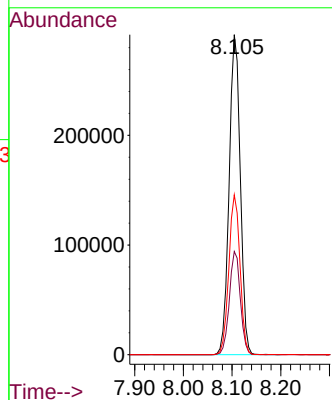
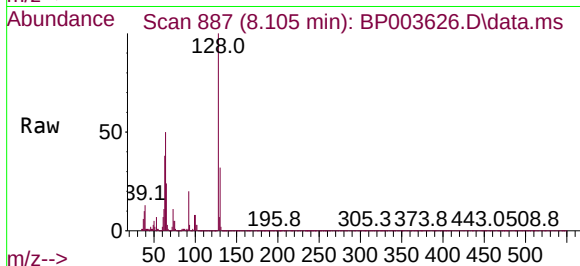




#8
2-Chlorophenol
Concen: 112.68 ng
RT: 8.105 min Scan# 887
Delta R.T. -0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

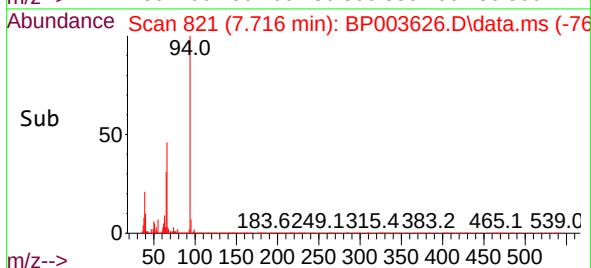
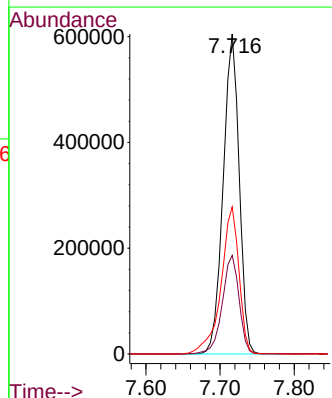
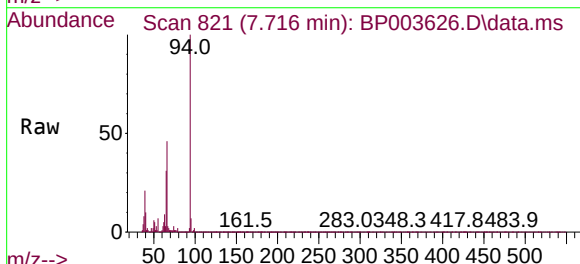
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

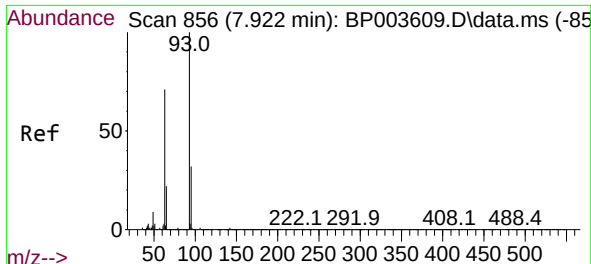
Tgt Ion:128 Resp: 465024
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 50.0 10.4 50.4



#10
Phenol
Concen: 158.87 ng
RT: 7.716 min Scan# 821
Delta R.T. 0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

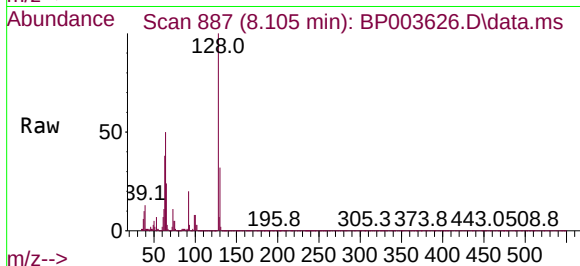
Tgt Ion: 94 Resp: 907187
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 46.0 10.9 50.9



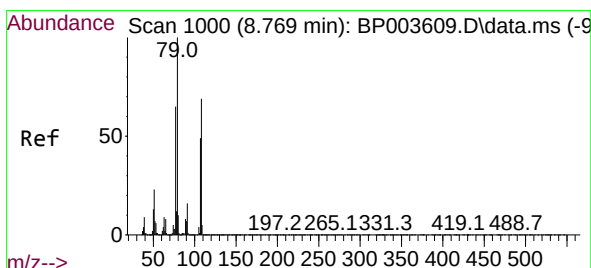
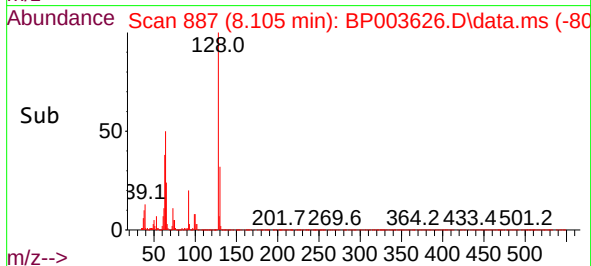
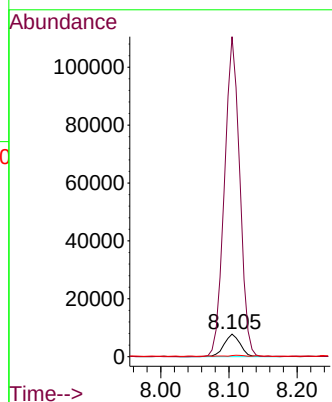


#11
bis(2-Chloroethyl)ether
Concen: 2.83 ng
RT: 8.105 min Scan# 887
Delta R.T. 0.182 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

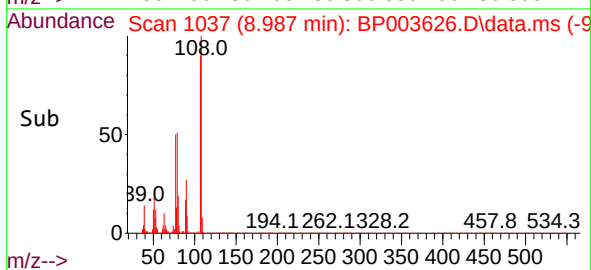
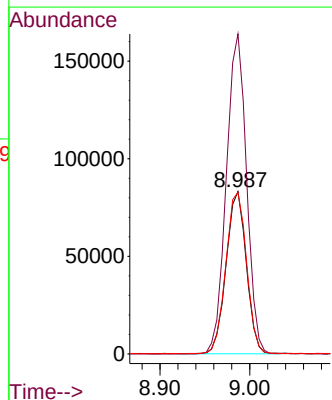
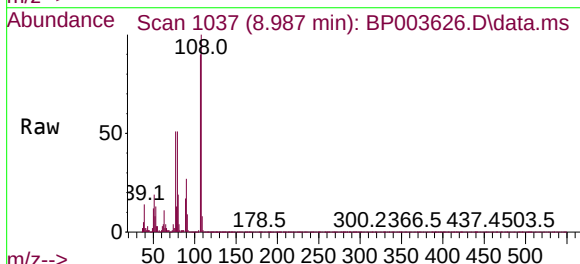


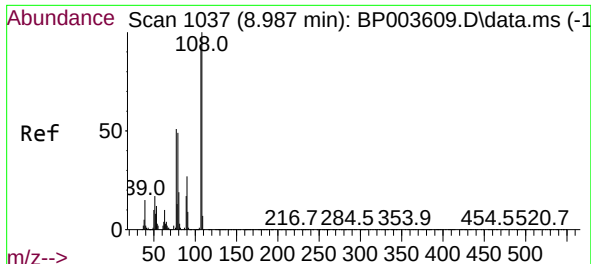
Tgt Ion: 93 Resp: 12971
Ion Ratio Lower Upper
93 100
63 1421.1 39.0 79.0#
95 4.8 12.8 52.8#



#15
Benzyl Alcohol
Concen: 27.35 ng
RT: 8.987 min Scan# 1037
Delta R.T. 0.218 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion: 79 Resp: 129923
Ion Ratio Lower Upper
79 100
108 197.1 73.5 110.3#
77 99.6 50.3 75.5#

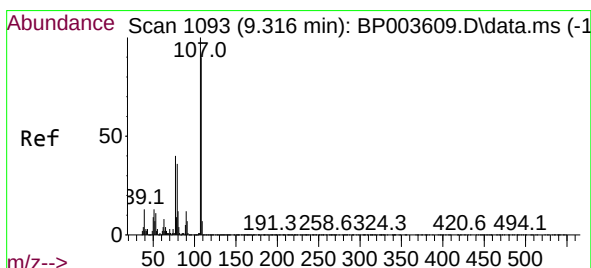
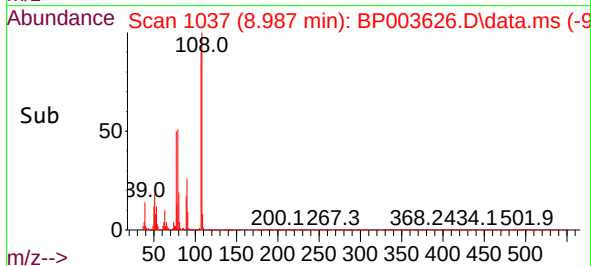
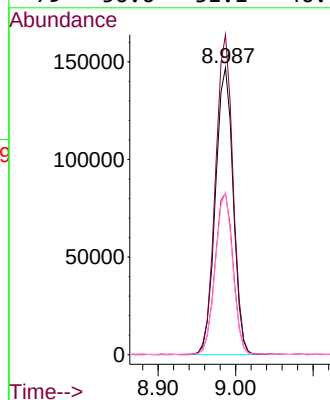
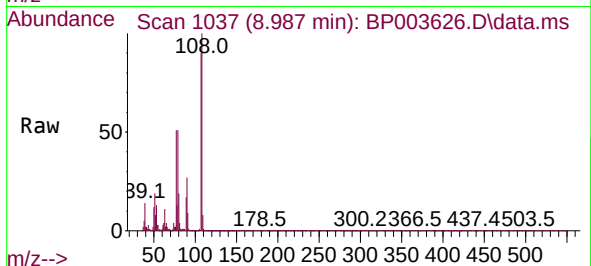




#17
2-Methylphenol
Concen: 60.27 ng
RT: 8.987 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

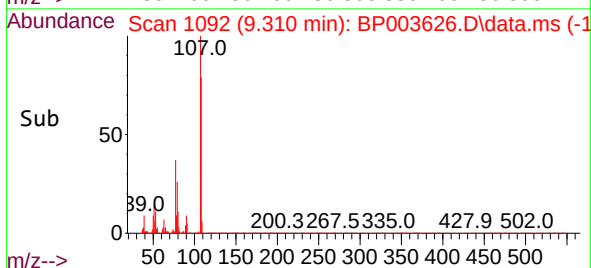
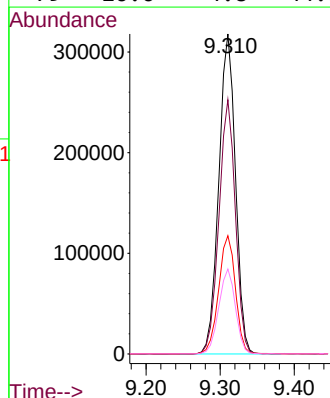
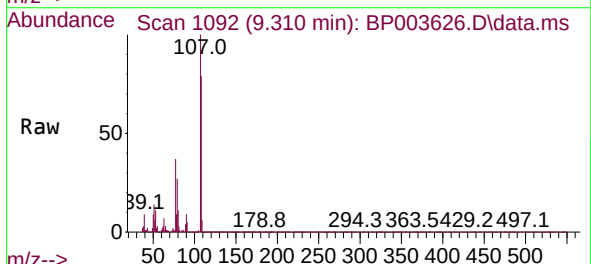
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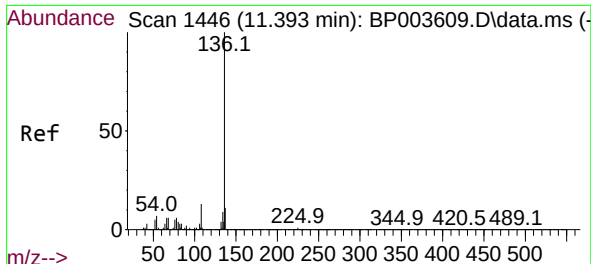
Tgt Ion:	107	Resp:	233198
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.6	134.4
77	56.3	31.8	47.6#
79	56.6	31.1	46.7#



#20
3+4-Methylphenols
Concen: 96.34 ng
RT: 9.310 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:	107	Resp:	496230
Ion	Ratio	Lower	Upper
107	100		
108	79.4	69.0	109.0
77	37.0	8.5	48.5
79	26.6	4.8	44.8

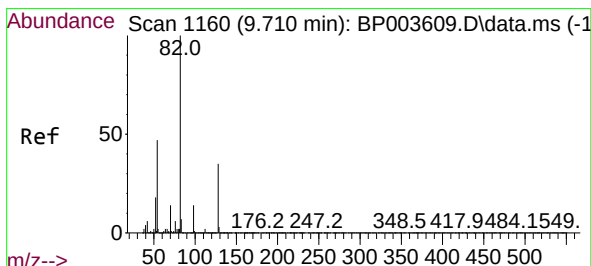
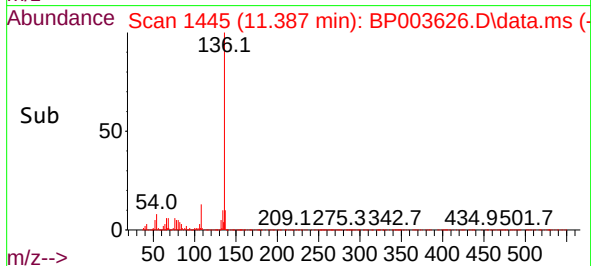
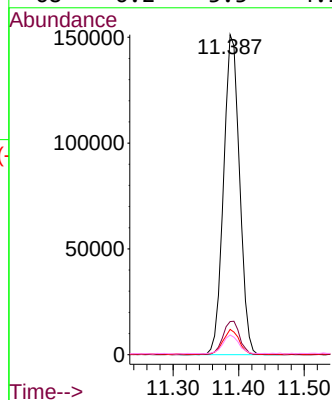
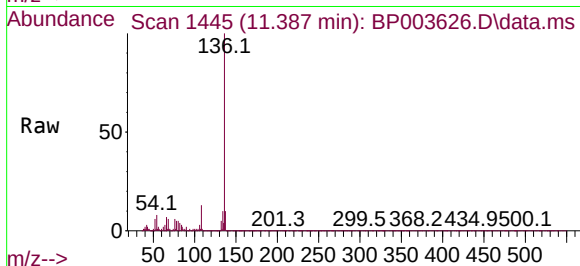




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

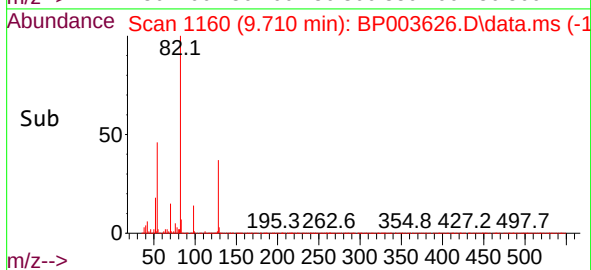
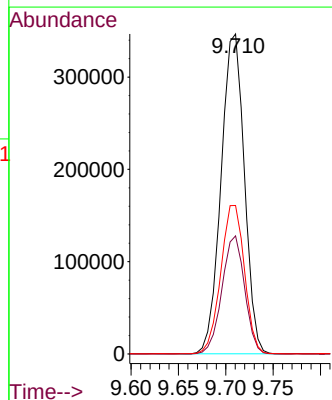
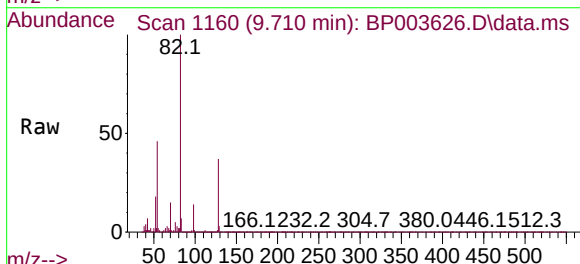
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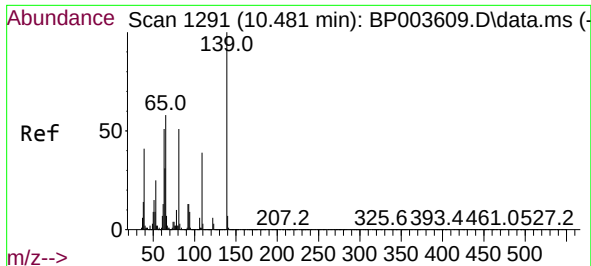
Tgt Ion:	136	Resp:	254995
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	7.9	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 108.01 ng
RT: 9.710 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:	82	Resp:	594022
Ion Ratio	Lower	Upper	
82	100		
128	36.9	45.6	68.4#
54	46.4	30.1	45.1#

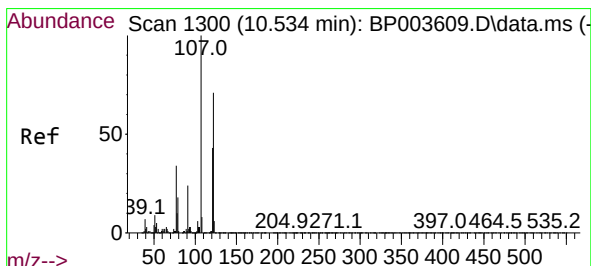
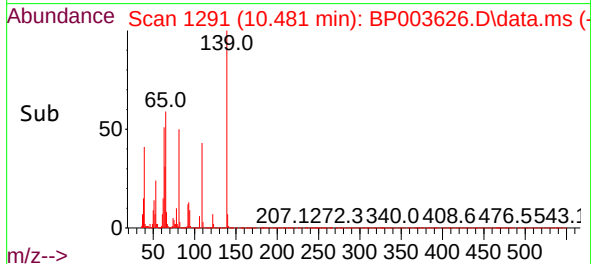
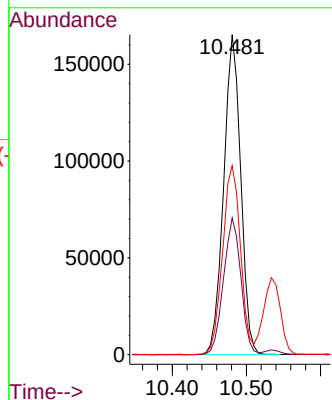
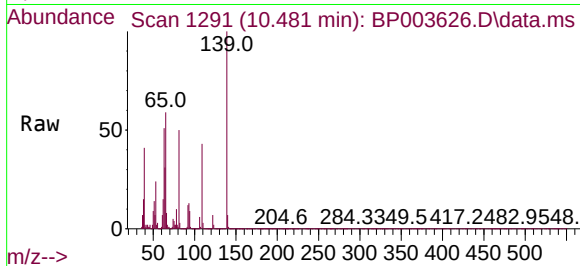




#26
2-Nitrophenol
Concen: 161.31 ng
RT: 10.481 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

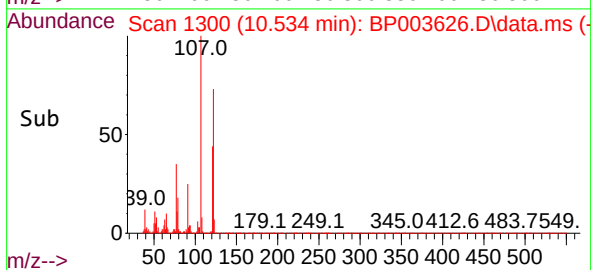
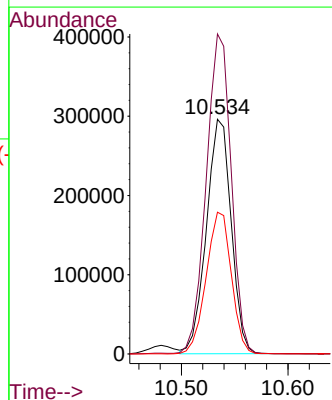
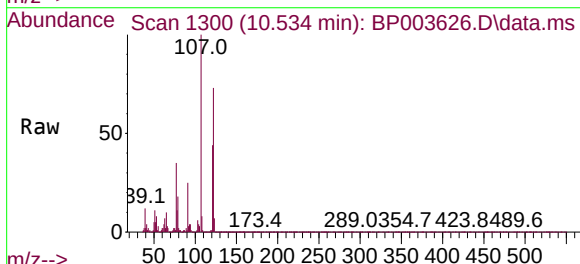
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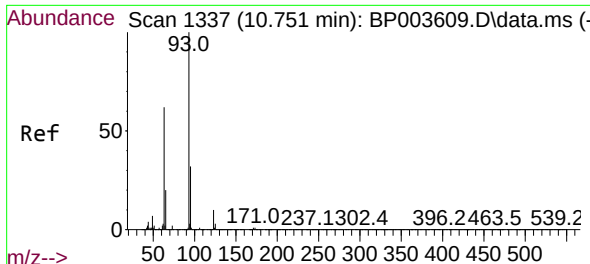
Tgt Ion:139 Resp: 264136
Ion Ratio Lower Upper
139 100
109 42.8 22.1 33.1#
65 59.1 26.5 39.7#



#27
2,4-Dimethylphenol
Concen: 141.52 ng
RT: 10.534 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:122 Resp: 478627
Ion Ratio Lower Upper
122 100
107 136.3 87.3 130.9#
121 60.4 47.3 70.9

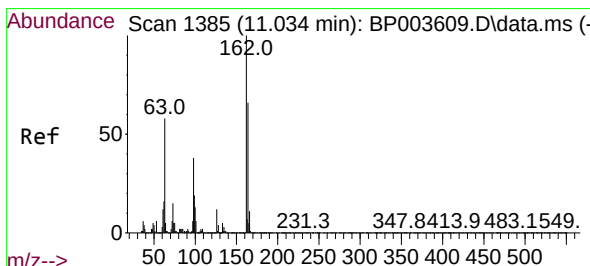
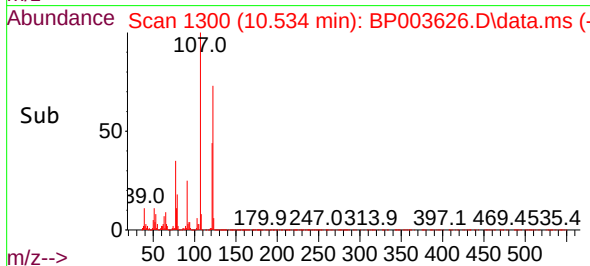
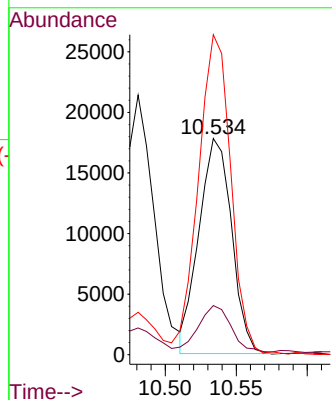
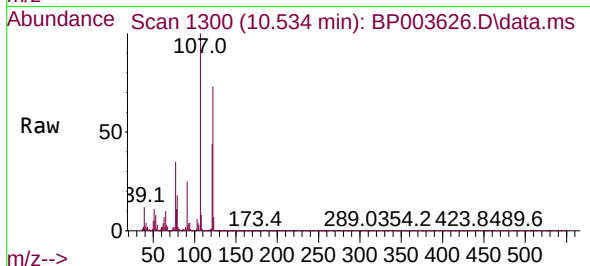




#28
bis(2-Chloroethoxy)methane
Concen: 4.50 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.218 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

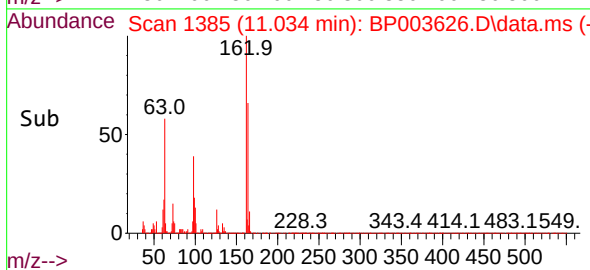
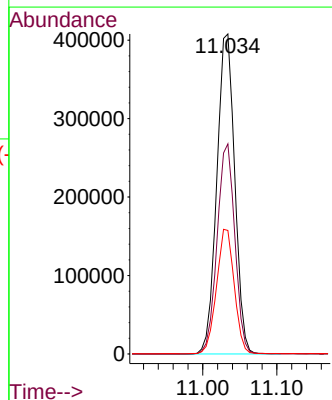
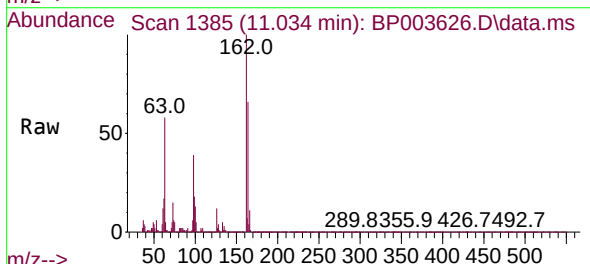
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

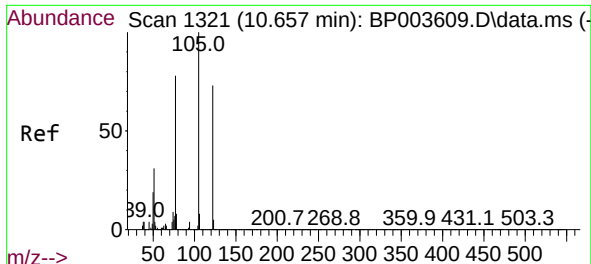
Tgt Ion: 93 Resp: 28386
Ion Ratio Lower Upper
93 100
95 22.8 26.7 40.1#
123 148.0 10.5 15.7#



#29
2,4-Dichlorophenol
Concen: 162.47 ng
RT: 11.034 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion: 162 Resp: 685880
Ion Ratio Lower Upper
162 100
164 65.7 45.8 85.8
98 38.6 10.2 50.2

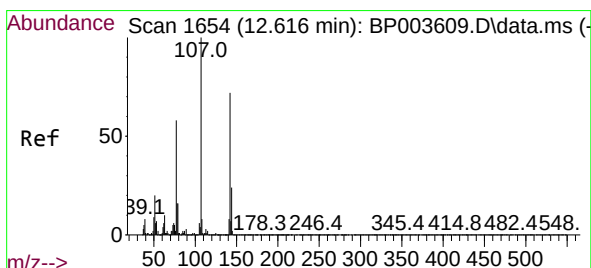
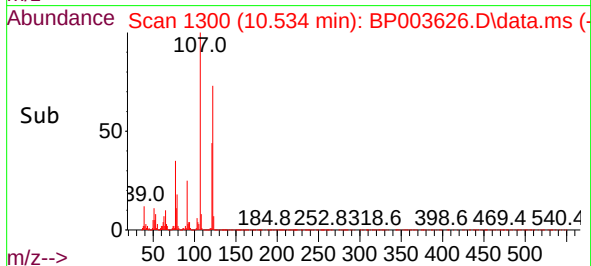
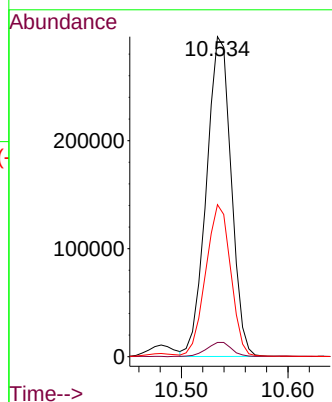
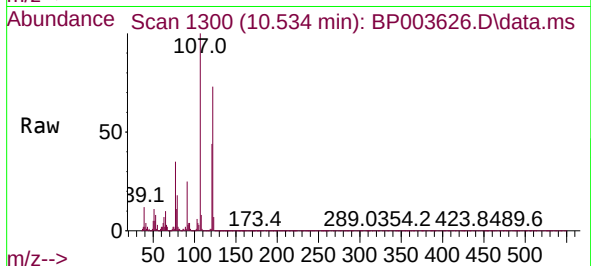




#32
Benzoic acid
Concen: 233.18 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.123 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

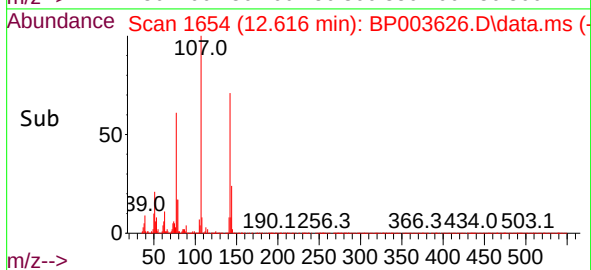
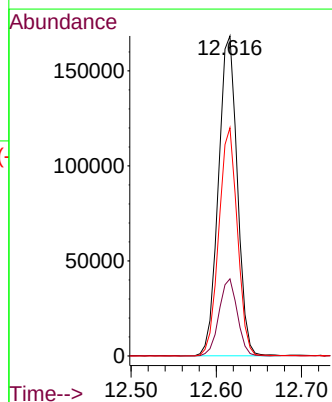
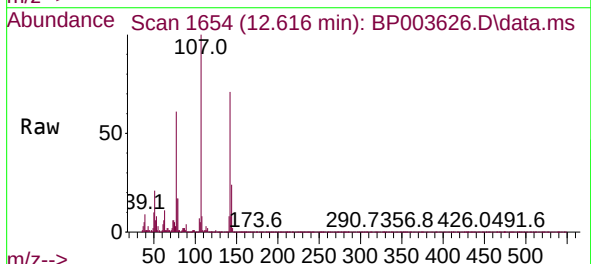
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

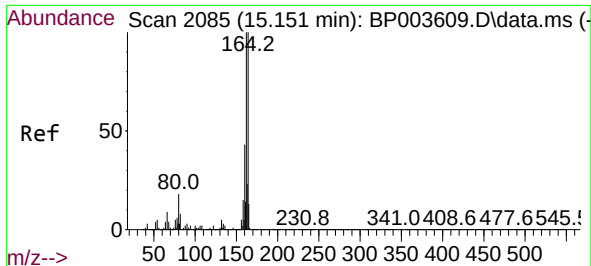
Tgt Ion:122 Resp: 478627
Ion Ratio Lower Upper
122 100
105 4.4 94.1 134.1#
77 47.5 50.1 90.1#



#36
4-Chloro-3-methylphenol
Concen: 53.77 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:107 Resp: 259107
Ion Ratio Lower Upper
107 100
144 24.1 22.7 34.1
142 71.3 70.7 106.1

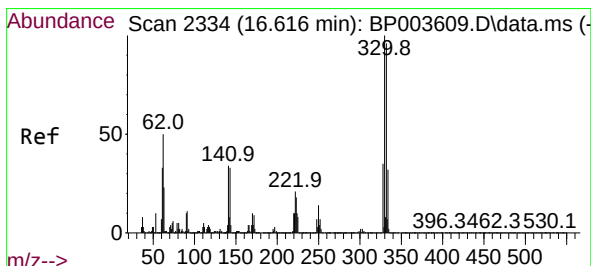
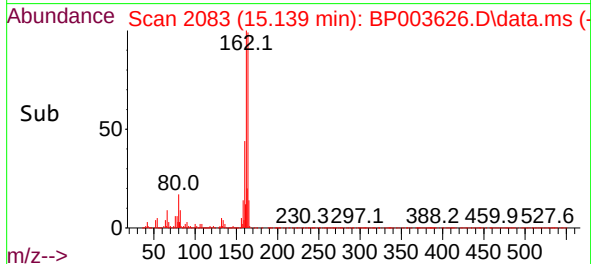
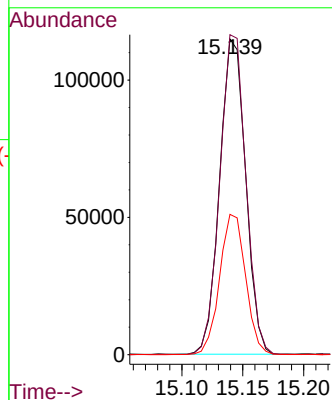
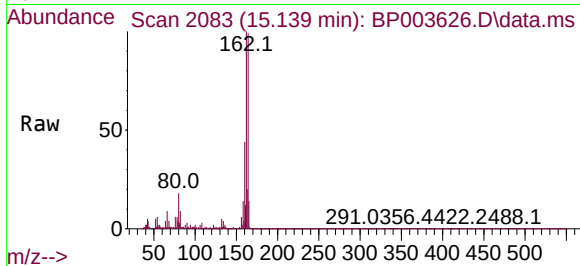




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

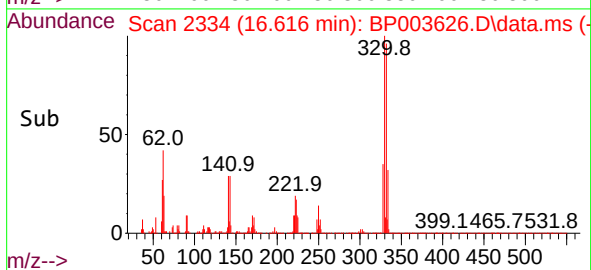
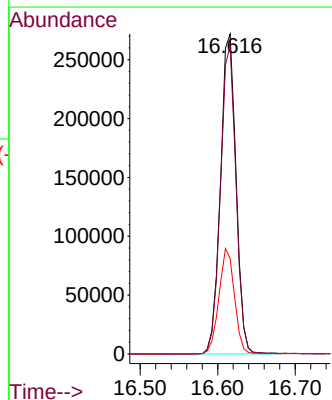
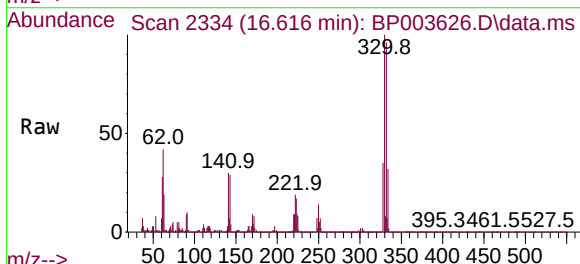
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

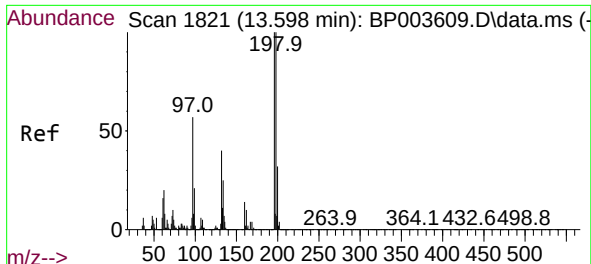
Tgt Ion:164 Resp: 170562
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 167.35 ng
RT: 16.616 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:330 Resp: 380561
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 32.7 23.4 35.2

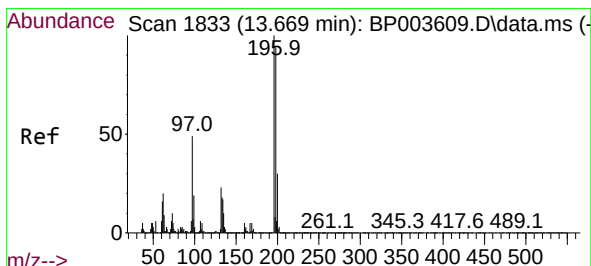
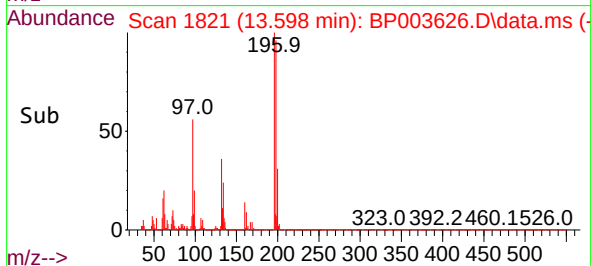
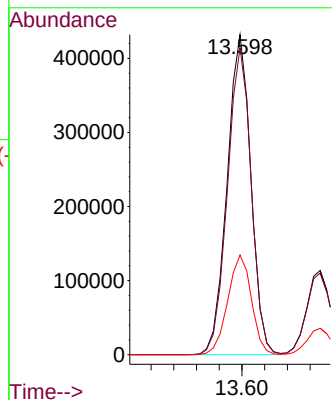
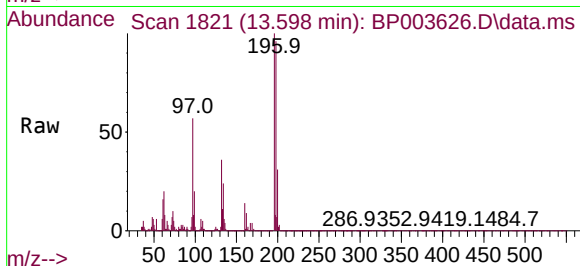




#43
2,4,6-Trichlorophenol
Concen: 174.50 ng
RT: 13.598 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

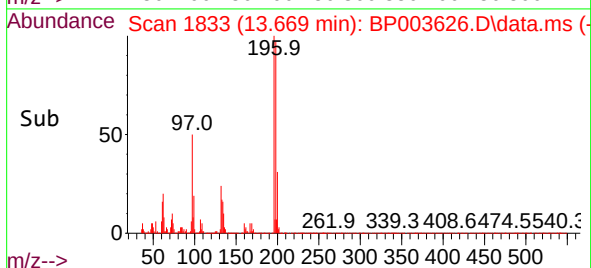
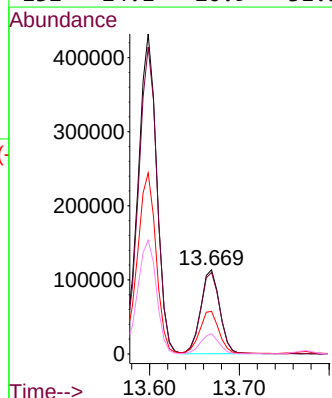
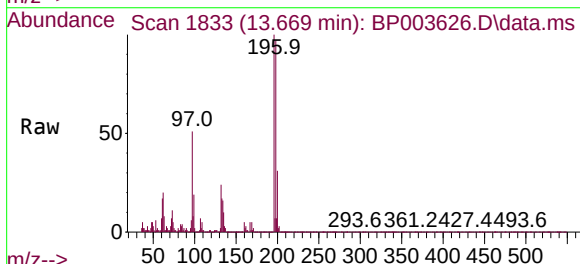
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

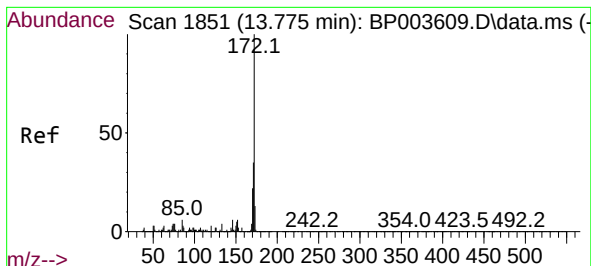
Tgt Ion:196 Resp: 625749
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
200 31.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.34 ng
RT: 13.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:196 Resp: 166985
Ion Ratio Lower Upper
196 100
198 96.9 77.3 115.9
97 50.6 31.0 46.4#
132 24.1 20.9 31.3

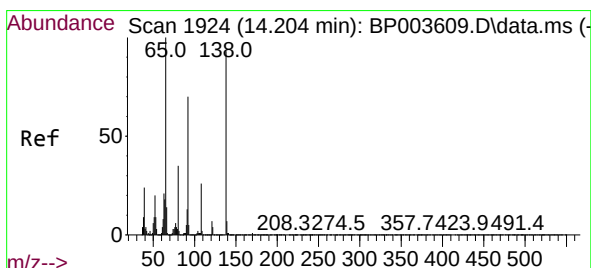
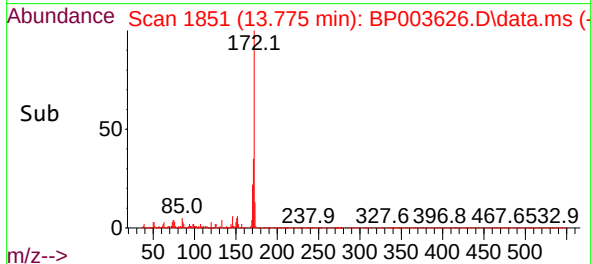
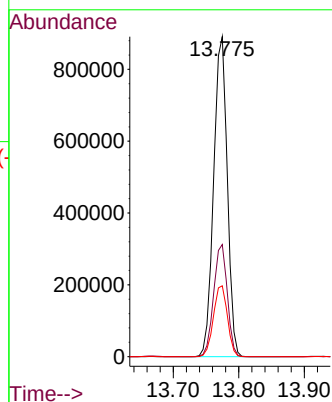
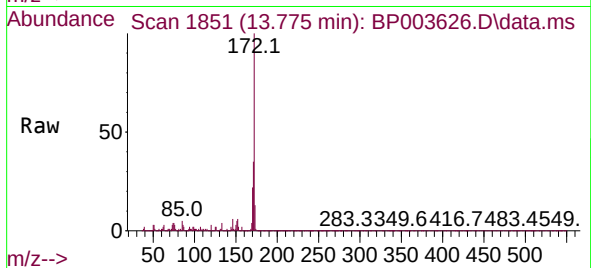




#45
2-Fluorobiphenyl
Concen: 98.71 ng
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

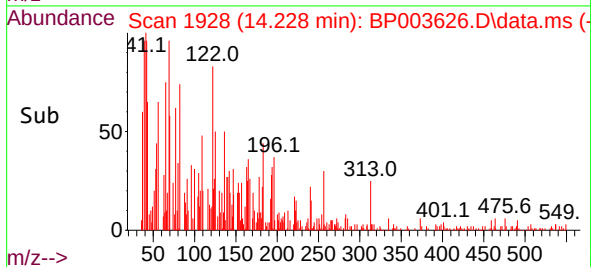
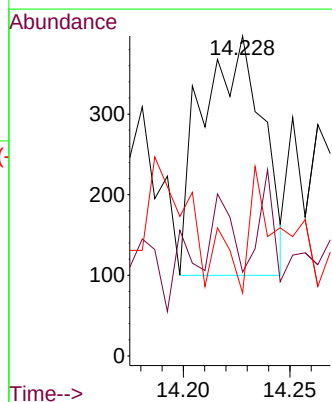
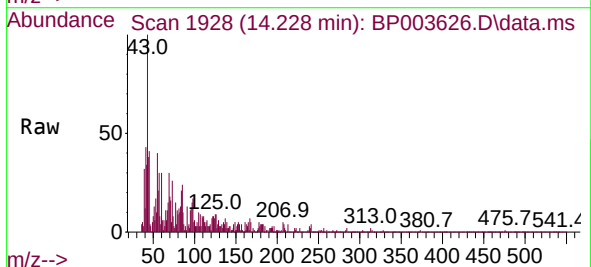
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

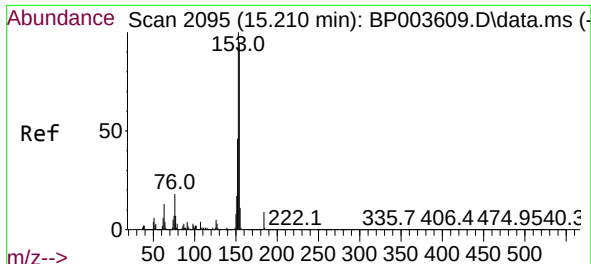
Tgt Ion:172 Resp: 1283250
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.1 19.2 28.8



#48
2-Nitroaniline
Concen: 4.35 ng
RT: 14.228 min Scan# 1928
Delta R.T. 0.024 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion: 65 Resp: 586
Ion Ratio Lower Upper
65 100
92 26.2 70.6 106.0#
138 19.6 133.6 200.4#

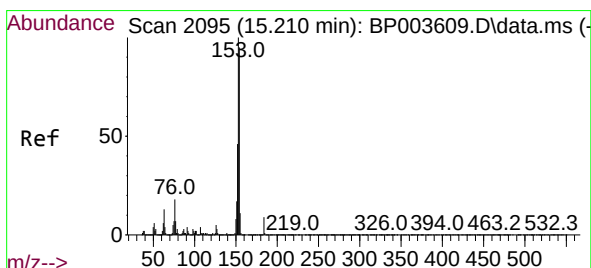
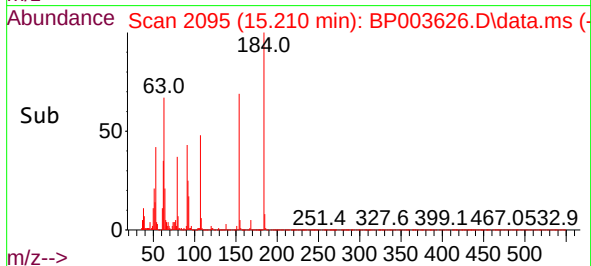
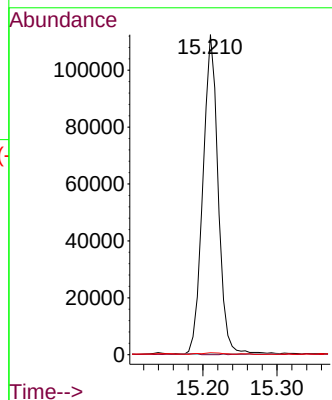
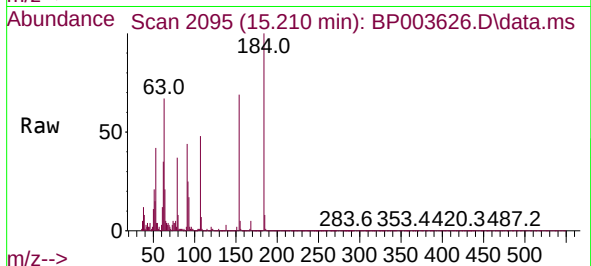




#52
Acenaphthene
Concen: 15.40 ng
RT: 15.210 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

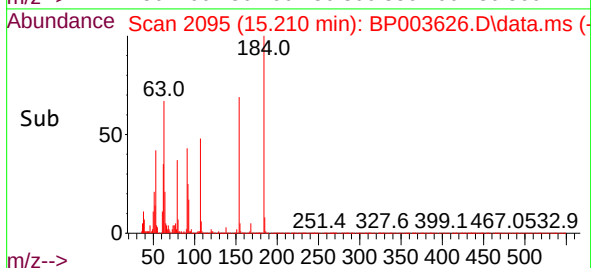
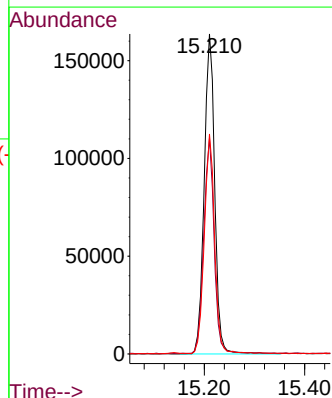
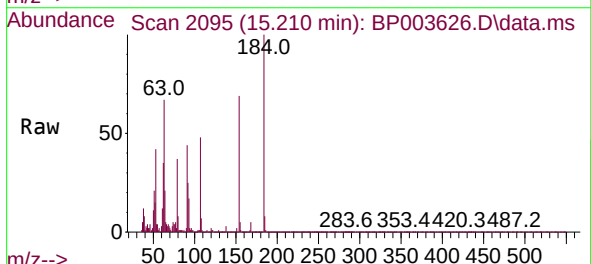
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

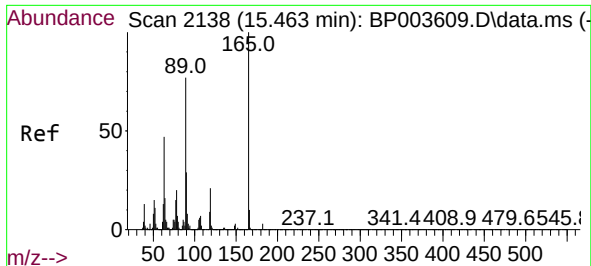
Tgt Ion:154 Resp: 160301
Ion Ratio Lower Upper
154 100
153 0.0 91.0 136.6#
152 0.6 43.0 64.6#



#54
2,4-Dinitrophenol
Concen: 138.90 ng
RT: 15.210 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:184 Resp: 238521
Ion Ratio Lower Upper
184 100
63 67.4 32.3 48.5#
154 68.7 49.1 73.7

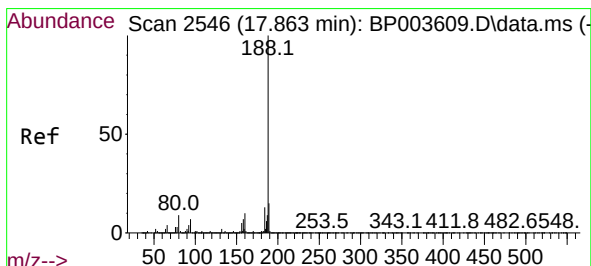
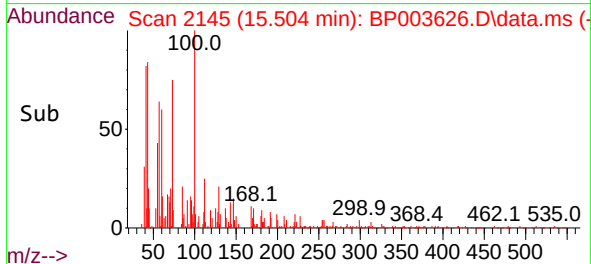
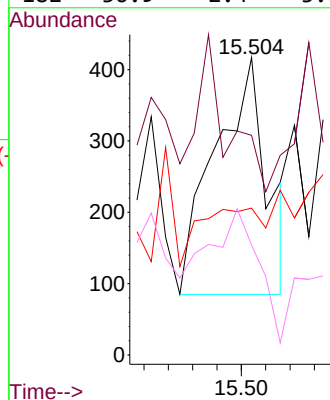
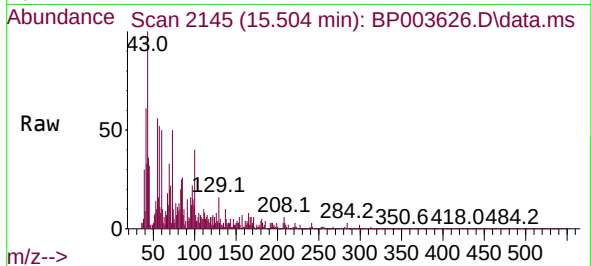




#57
2,4-Dinitrotoluene
Concen: 3.68 ng
RT: 15.504 min Scan# 2145
Delta R.T. 0.041 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

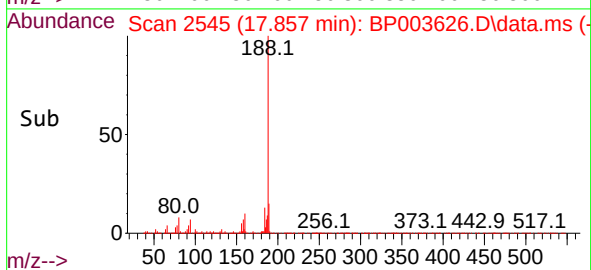
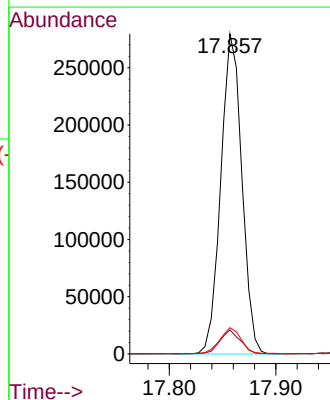
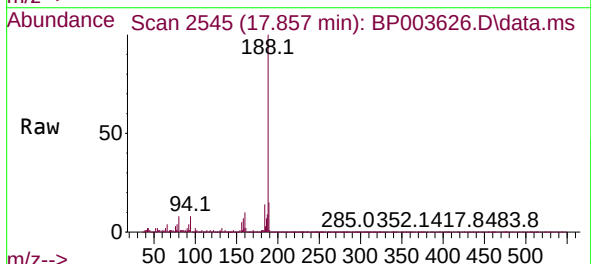
Instrument :
BNA_P
ClientSampleId :
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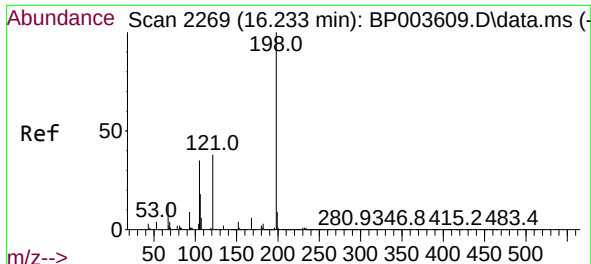
Tgt Ion:165 Resp: 492
Ion Ratio Lower Upper
165 100
63 73.9 20.6 31.0#
89 49.4 42.6 63.8
182 36.9 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:188 Resp: 382670
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.2 6.2 9.2

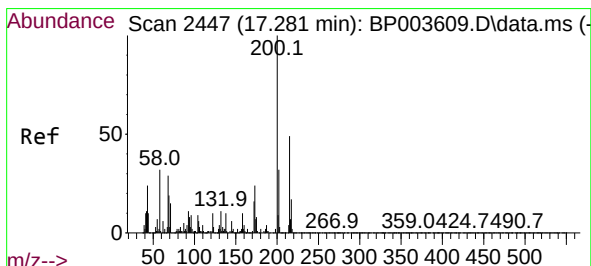
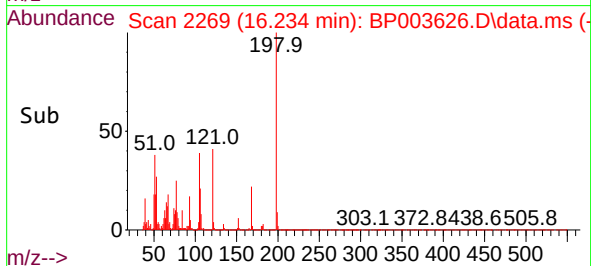
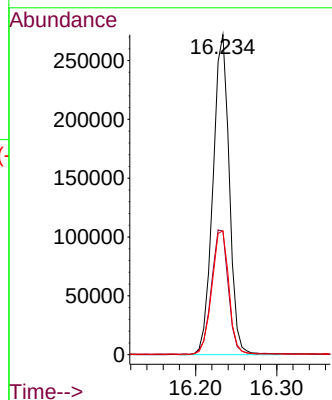
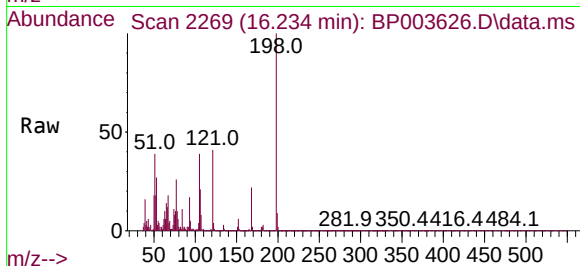




#65
4,6-Dinitro-2-methylphenol
Concen: 202.17 ng
RT: 16.234 min Scan# 2269
Delta R.T. 0.001 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

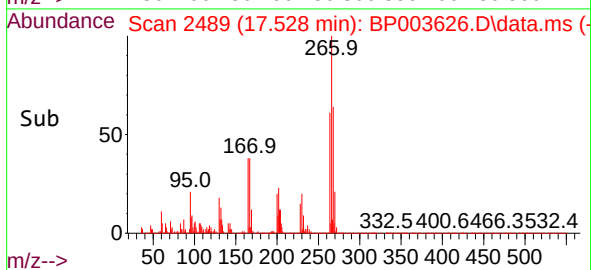
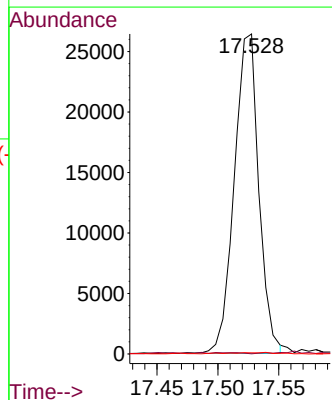
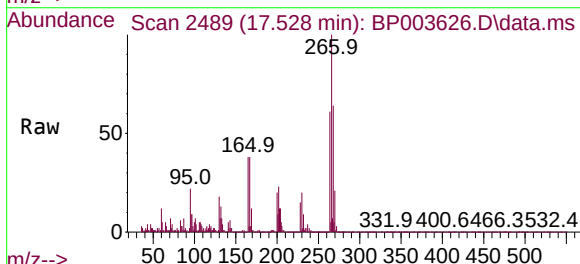
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

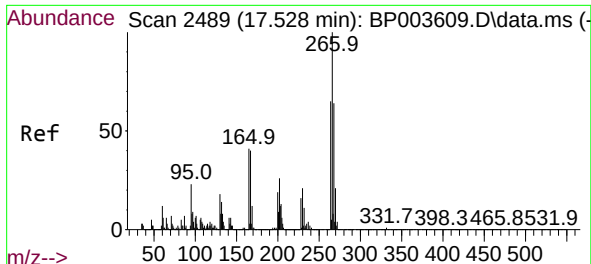
Tgt Ion:198	Resp:	380465
Ion Ratio	Lower	Upper
198	100	
51	38.6	6.4 46.4
105	38.7	18.9 58.9



#69
Atrazine
Concen: 8.30 ng
RT: 17.528 min Scan# 2489
Delta R.T. 0.247 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:200	Resp:	36974
Ion Ratio	Lower	Upper
200	100	
173	0.0	5.9 45.9#
215	0.4	28.4 68.4#

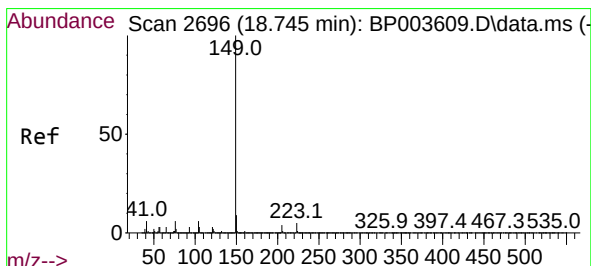
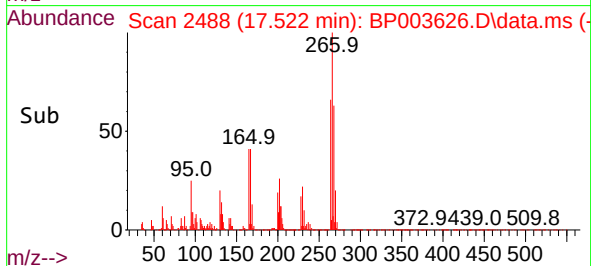
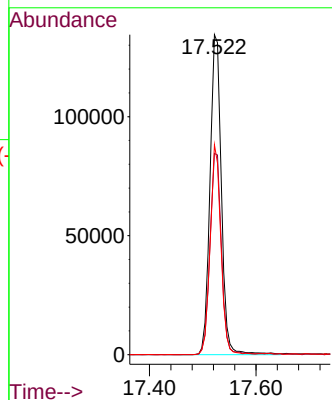
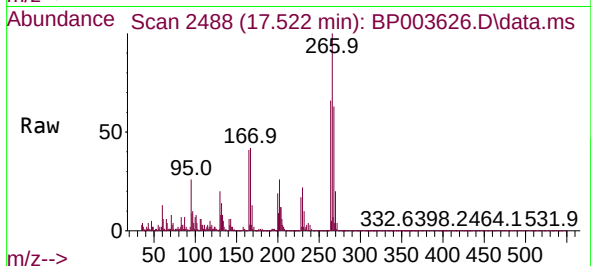




#70
Pentachlorophenol
Concen: 76.38 ng
RT: 17.522 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

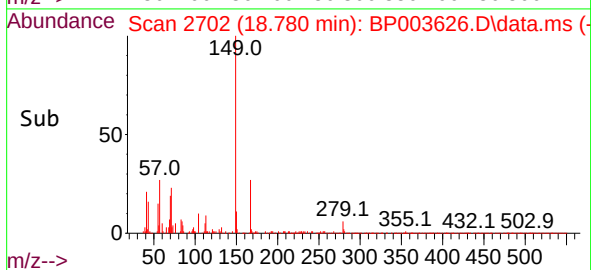
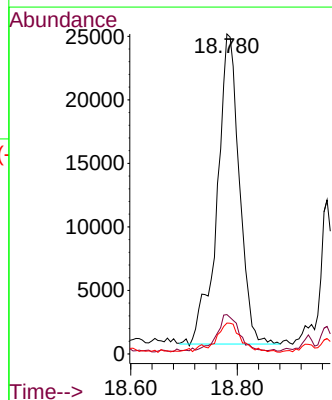
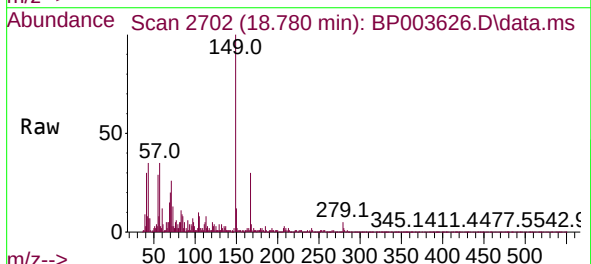
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

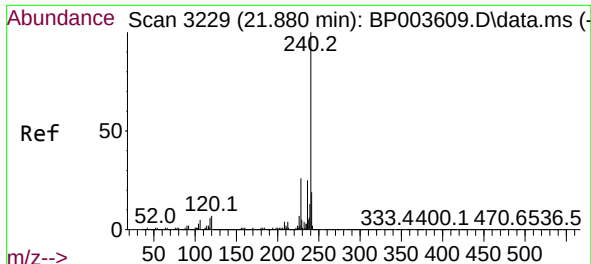
Tgt Ion:266 Resp: 199329
Ion Ratio Lower Upper
266 100
268 62.9 51.1 76.7
264 65.6 50.6 76.0



#74
Di-n-butylphthalate
Concen: 3.09 ng
RT: 18.780 min Scan# 2702
Delta R.T. 0.035 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:149 Resp: 70414
Ion Ratio Lower Upper
149 100
150 12.3 7.3 10.9#
104 9.6 3.4 5.0#

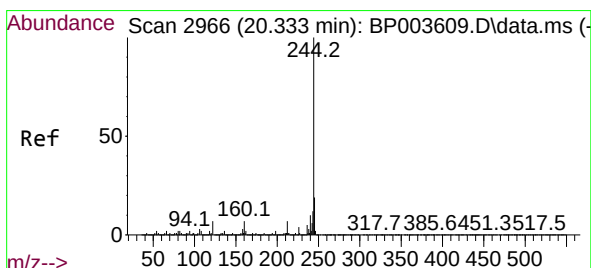
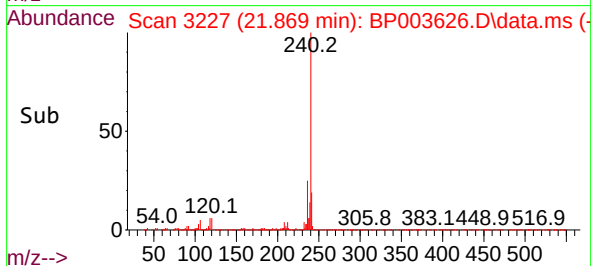
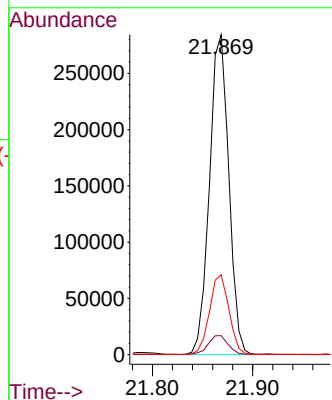
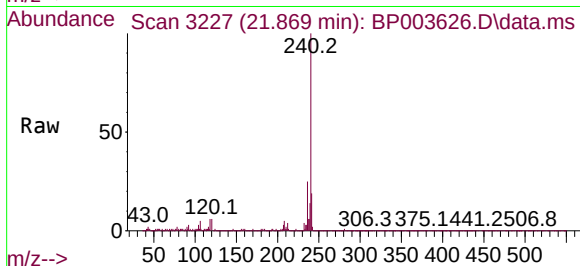




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.869 min Scan# 3227
Delta R.T. -0.012 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

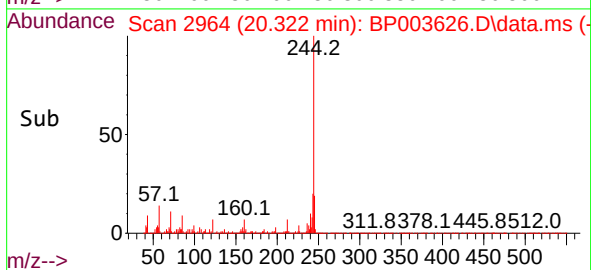
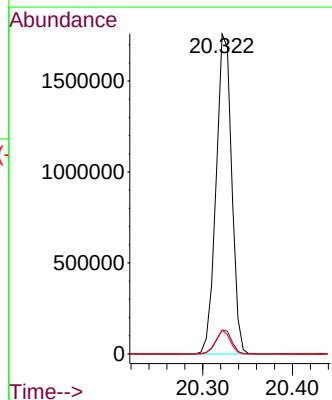
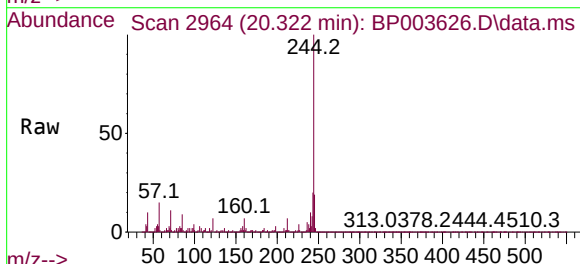
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WP

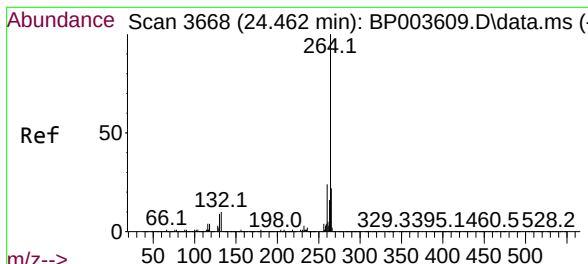
Tgt Ion:240 Resp: 380883
Ion Ratio Lower Upper
240 100
120 6.0 7.8 11.6#
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 100.73 ng
RT: 20.322 min Scan# 2964
Delta R.T. -0.012 min
Lab File: BP003626.D
Acq: 15 Oct 2020 16:11

Tgt Ion:244 Resp: 2120518
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.4 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.445 min Scan# 3665
 Delta R.T. -0.018 min
 Lab File: BP003626.D
 Acq: 15 Oct 2020 16:11

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion:264 Resp: 388427

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	22.2	17.4	26.2

