

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003627.D
 Acq On : 15 Oct 2020 16:51
 Operator : CG/JU
 Sample : L3971-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 15 19:11:00 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)

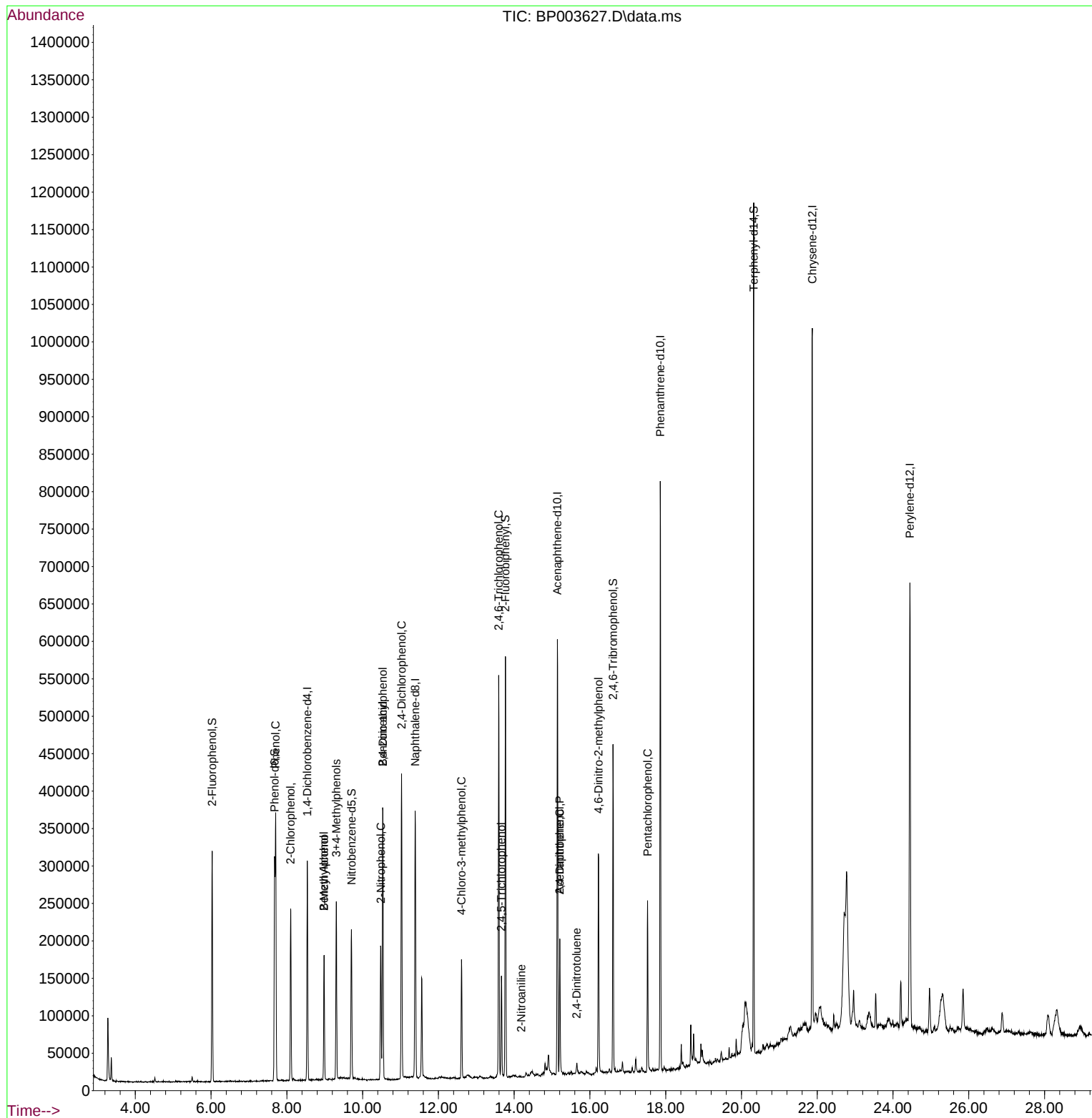
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	75451	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	274014	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	191399	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	451874	20.00	ng	0.00
76) Chrysene-d12	21.869	240	490496	20.00	ng	#-0.01
86) Perylene-d12	24.445	264	475280	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	120274	27.40	ng	0.00
7) Phenol-d6	7.675	99	161109	25.20	ng	0.00
23) Nitrobenzene-d5	9.705	82	115717	19.58	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	79578	31.18	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	262768	18.01	ng	0.00
79) Terphenyl-d14	20.322	244	455302	16.79	ng	-0.01
Target Compounds						
						Qvalue
8) 2-Chlorophenol	8.099	128	91945	20.61	ng	81
9) Benzaldehyde	7.634	77	301	Below Cal	#	3
10) Phenol	7.705	94	179138	29.02	ng	76
15) Benzyl Alcohol	8.981	79	26127	5.09	ng	# 20
17) 2-Methylphenol	8.981	107	46736	11.17	ng	# 88
20) 3+4-Methylphenols	9.305	107	97234	17.46	ng	91
26) 2-Nitrophenol	10.481	139	50096	28.47	ng	# 67
27) 2,4-Dimethylphenol	10.534	122	95129	26.17	ng	# 84
29) 2,4-Dichlorophenol	11.028	162	133720	29.48	ng	95
32) Benzoic acid	10.534	122	95129	48.36	ng	# 26
36) 4-Chloro-3-methylphenol	12.610	107	51742	9.99	ng	# 82
43) 2,4,6-Trichlorophenol	13.593	196	121593	30.22	ng	99
44) 2,4,5-Trichlorophenol	13.663	196	33961	8.04	ng	# 93
48) 2-Nitroaniline	14.187	65	154	4.22	ng	# 1
52) Acenaphthene	15.204	154	23550	2.02	ng	# 6
54) 2,4-Dinitrophenol	15.204	184	36028	34.37	ng	# 81
57) 2,4-Dinitrotoluene	15.651	165	2701	4.16	ng	# 51
65) 4,6-Dinitro-2-methylph...	16.228	198	66681	36.29	ng	90
70) Pentachlorophenol	17.522	266	40549	13.16	ng	99

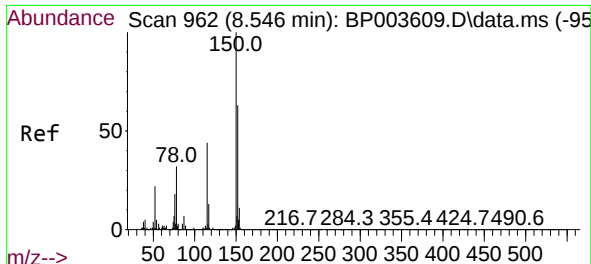
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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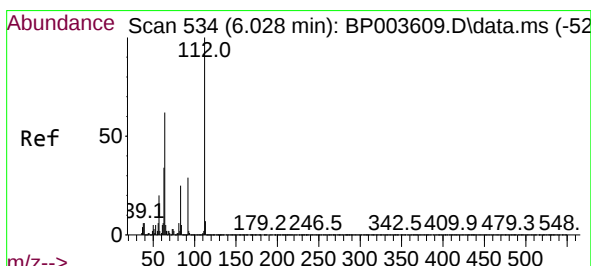
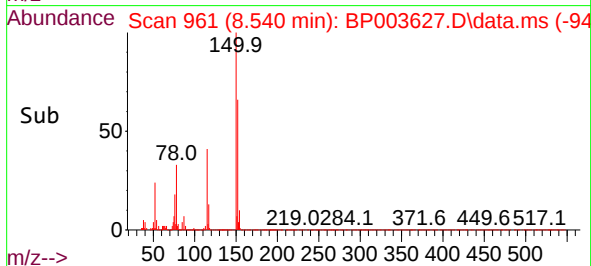
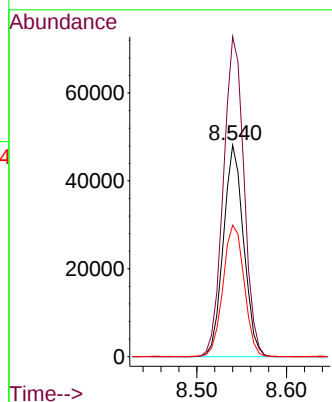
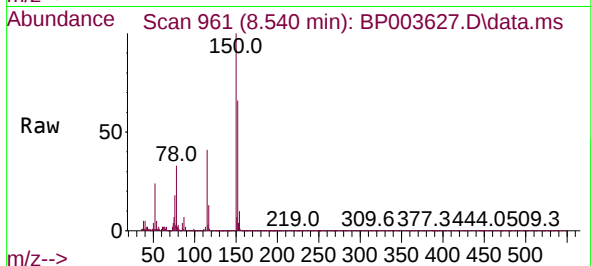




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

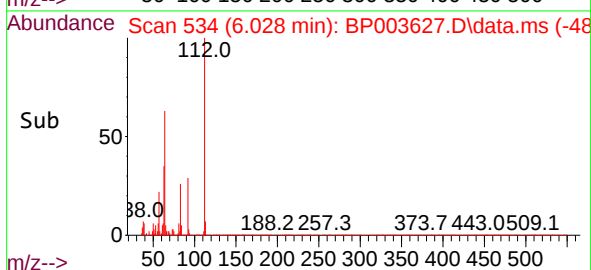
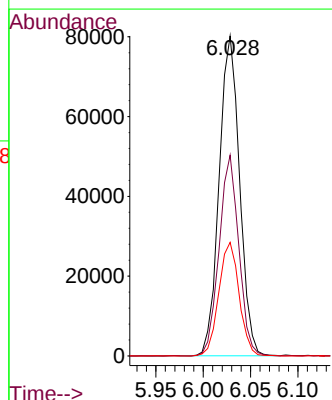
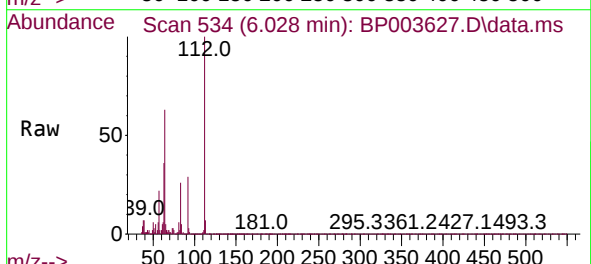
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

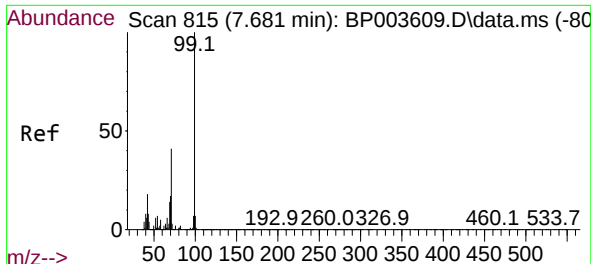
Tgt Ion:152 Resp: 75451
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 27.40 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.000 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:112 Resp: 120274
Ion Ratio Lower Upper
112 100
64 62.7 32.8 49.2#
63 35.5 17.0 25.4#

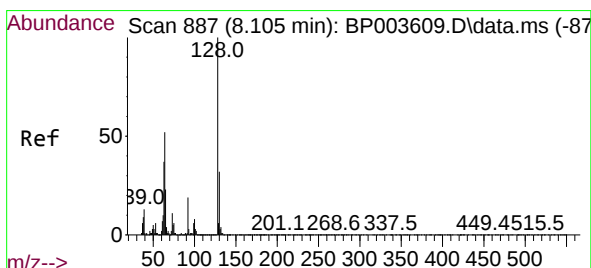
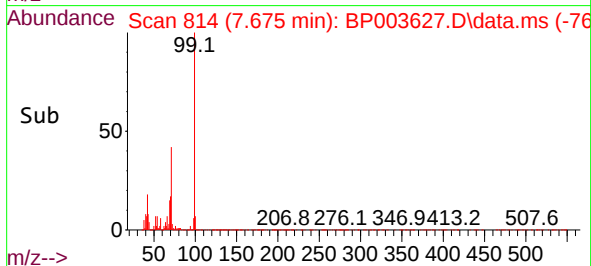
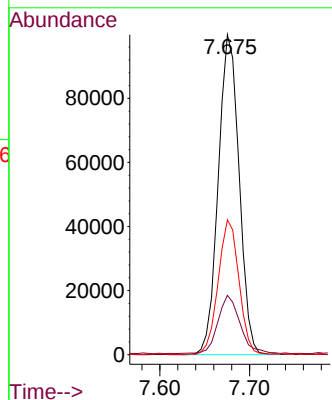
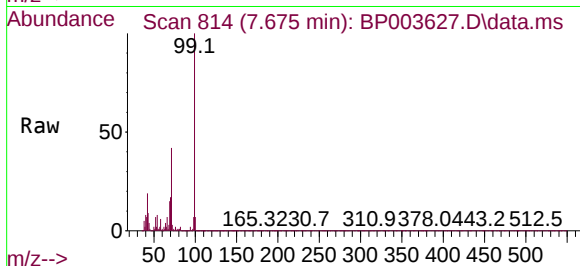




#7
Phenol-d6
Concen: 25.20 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

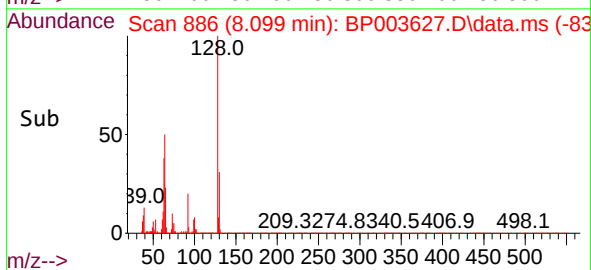
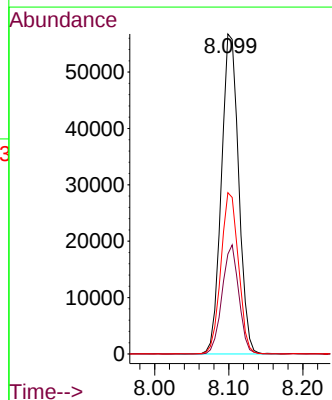
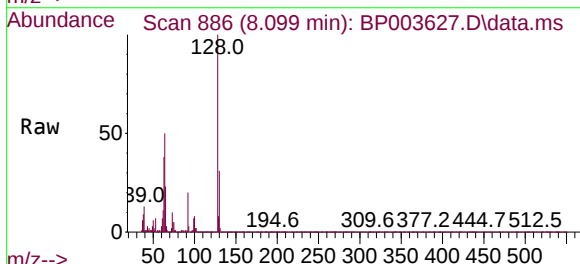
Instrument :
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ClientSampleId :
PT-ACIDS-WPDL

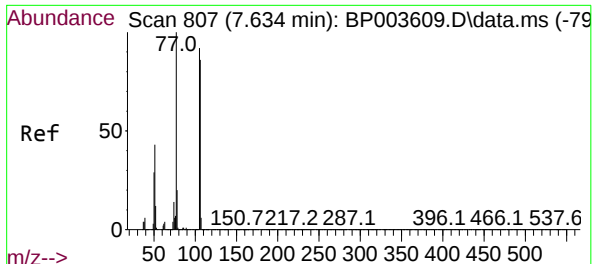
Tgt Ion: 99 Resp: 161109
Ion Ratio Lower Upper
99 100
42 18.5 8.6 13.0#
71 42.2 23.4 35.2#



#8
2-Chlorophenol
Concen: 20.61 ng
RT: 8.099 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion: 128 Resp: 91945
Ion Ratio Lower Upper
128 100
130 31.2 13.0 53.0
64 50.4 10.4 50.4

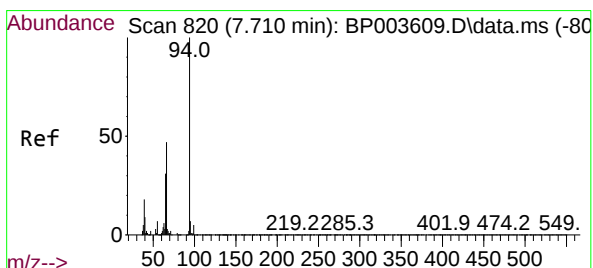
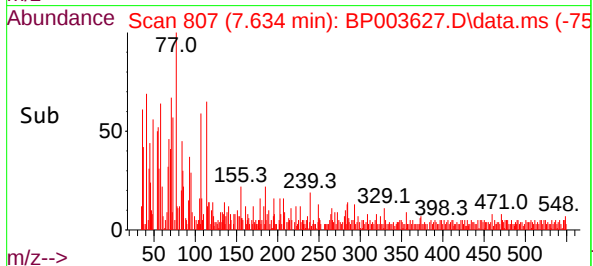
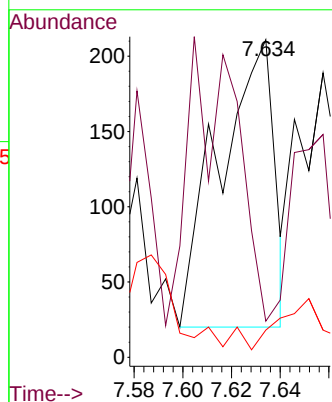
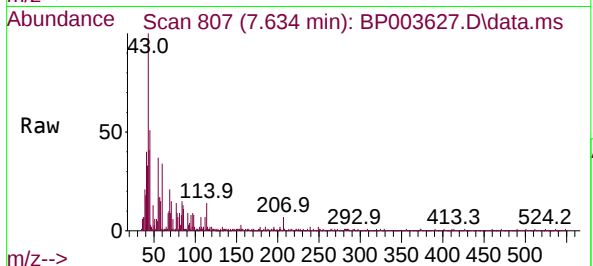




#9
Benzaldehyde
Concen: Below Cal
RT: 7.634 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

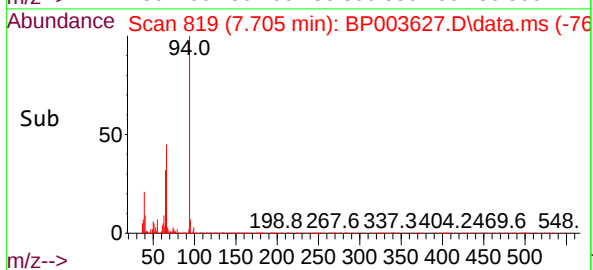
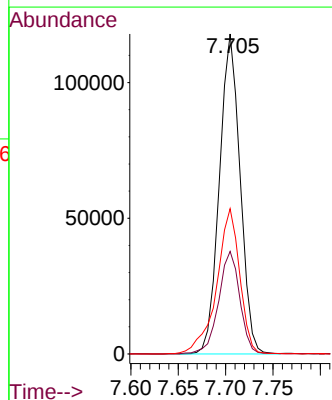
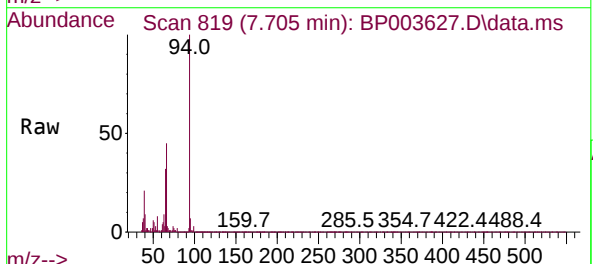
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

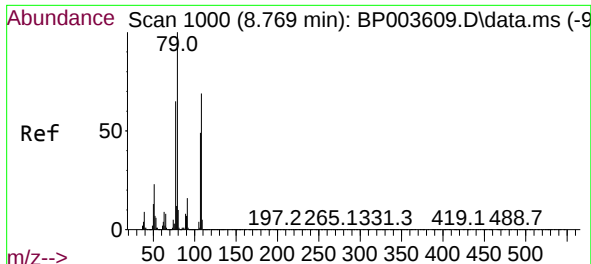
Tgt Ion: 77 Resp: 301
Ion Ratio Lower Upper
77 100
105 11.4 97.1 137.1#
106 8.5 93.7 133.7#



#10
Phenol
Concen: 29.02 ng
RT: 7.705 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion: 94 Resp: 179138
Ion Ratio Lower Upper
94 100
65 32.0 2.3 42.3
66 45.4 10.9 50.9

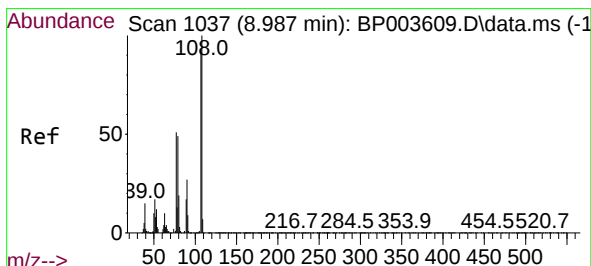
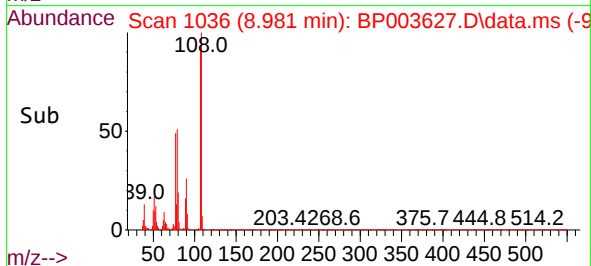
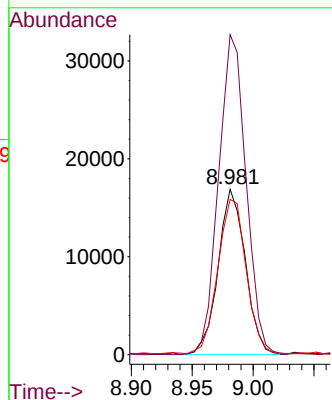
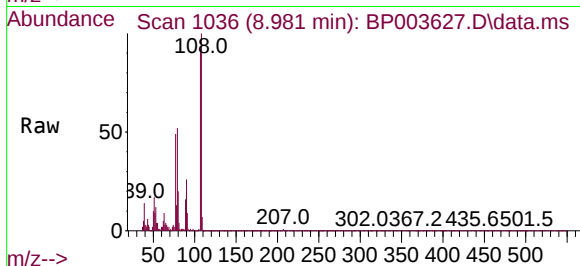




#15
Benzyl Alcohol
Concen: 5.09 ng
RT: 8.981 min Scan# 1036
Delta R.T. 0.212 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

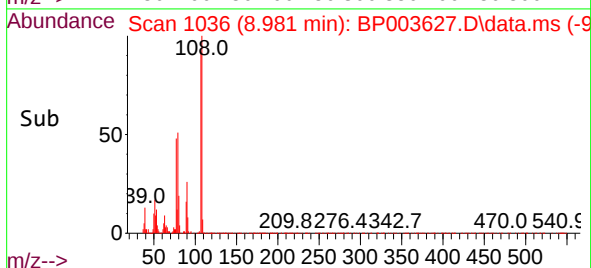
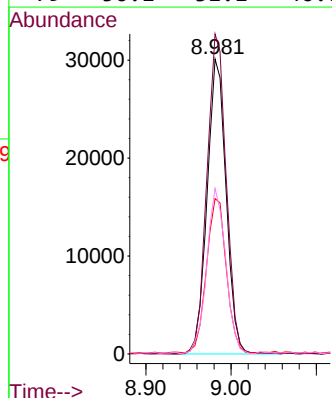
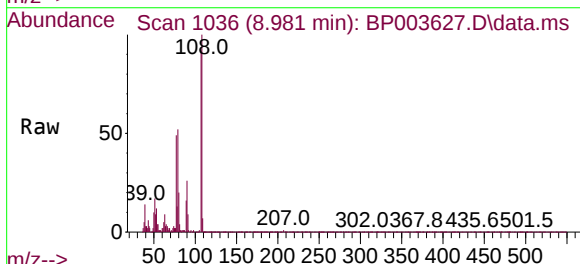
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

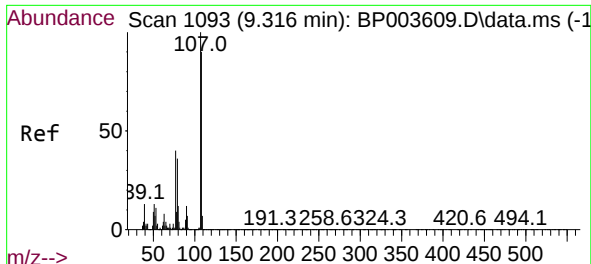
Tgt Ion: 79	Resp: 26127
Ion Ratio	Lower Upper
79	100
108	193.5 73.5 110.3#
77	94.0 50.3 75.5#



#17
2-Methylphenol
Concen: 11.17 ng
RT: 8.981 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion: 107	Resp: 46736
Ion Ratio	Lower Upper
107	100
108	108.5 89.6 134.4
77	52.7 31.8 47.6#
79	56.1 31.1 46.7#

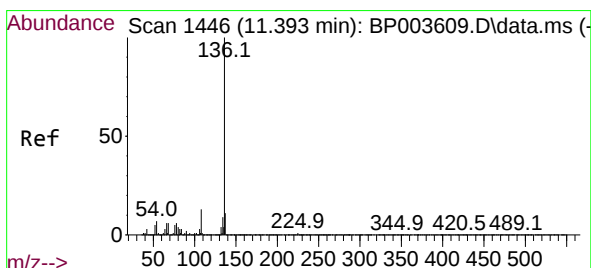
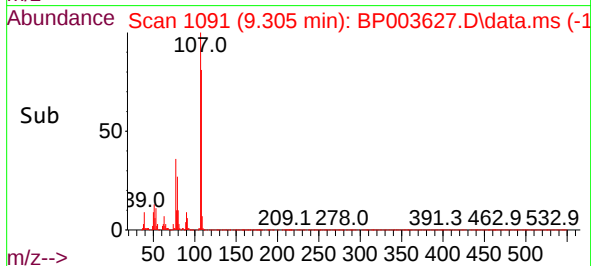
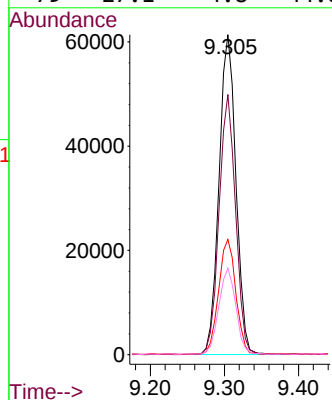
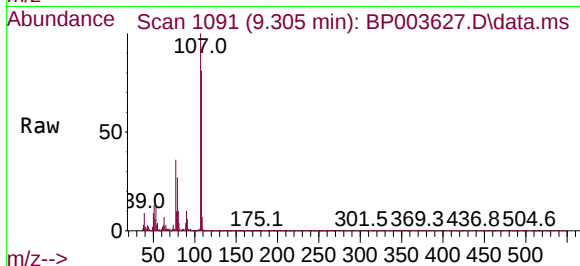




#20
3+4-Methylphenols
Concen: 17.46 ng
RT: 9.305 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

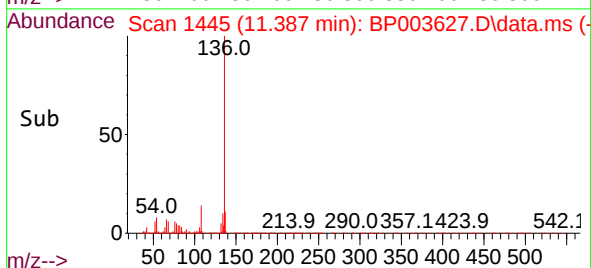
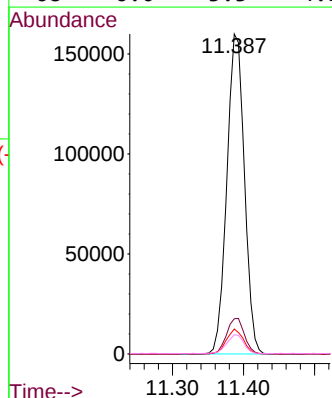
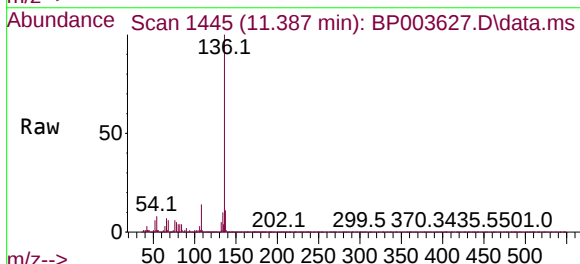
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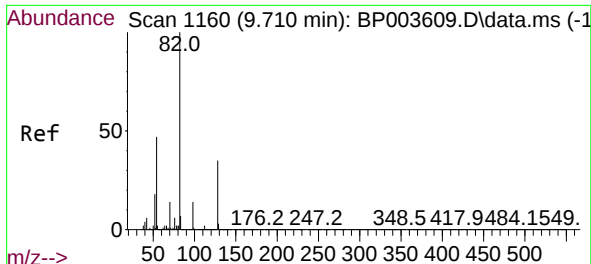
Tgt Ion:	107	Resp:	97234
Ion	Ratio	Lower	Upper
107	100		
108	81.3	69.0	109.0
77	36.0	8.5	48.5
79	27.1	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:	136	Resp:	274014
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	3.6	5.4#
68	6.0	3.3	4.9#

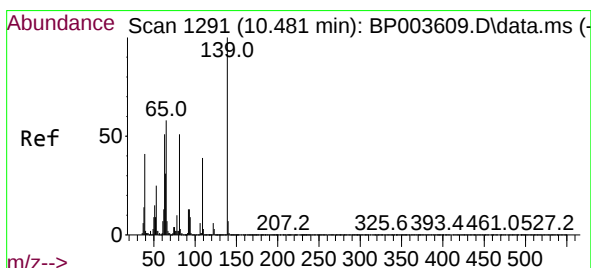
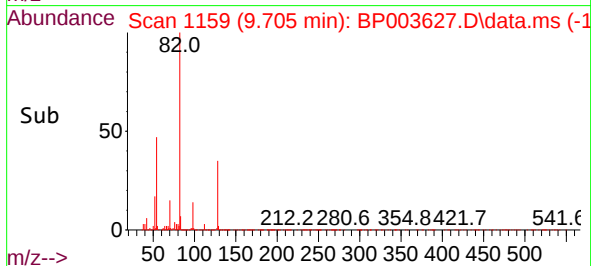
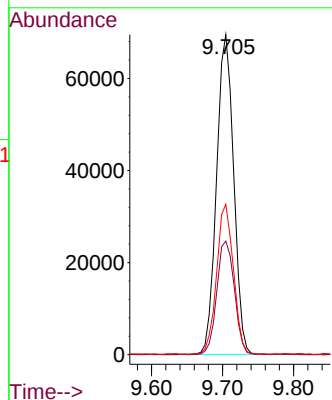
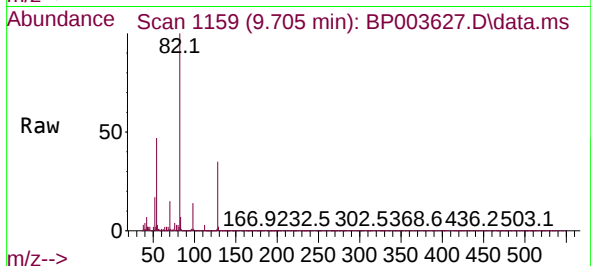




#23
Nitrobenzene-d5
Concen: 19.58 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

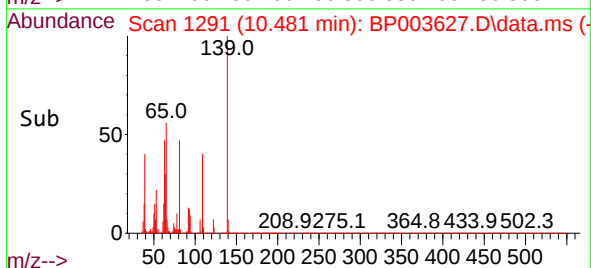
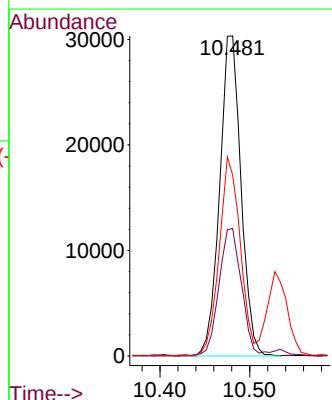
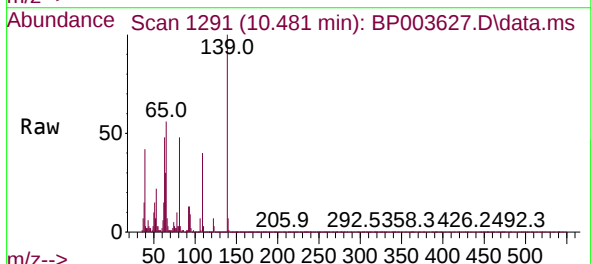
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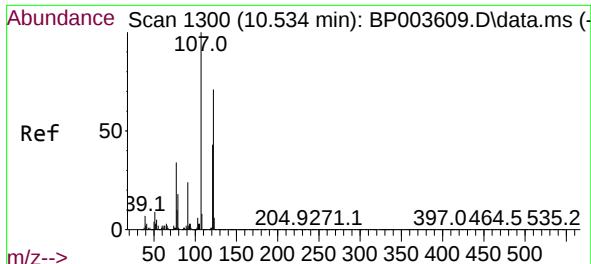
Tgt Ion: 82 Resp: 115717
Ion Ratio Lower Upper
82 100
128 35.5 45.6 68.4#
54 46.9 30.1 45.1#



#26
2-Nitrophenol
Concen: 28.47 ng
RT: 10.481 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion: 139 Resp: 50096
Ion Ratio Lower Upper
139 100
109 39.8 22.1 33.1#
65 56.5 26.5 39.7#

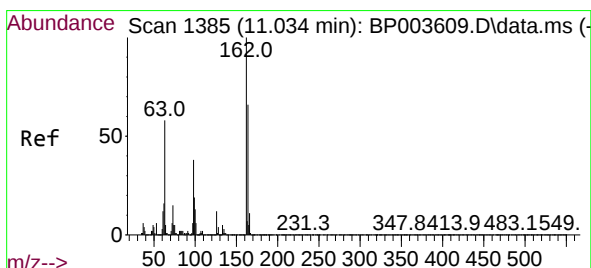
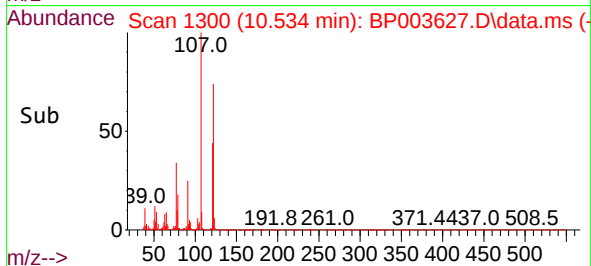
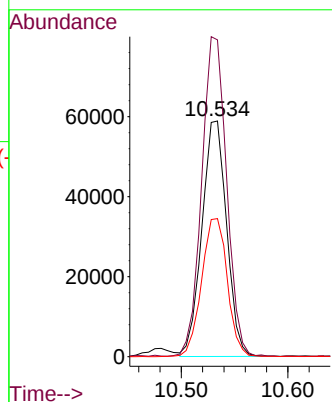
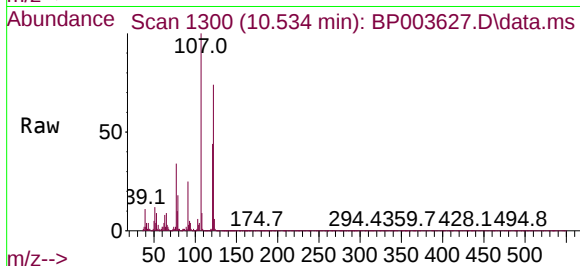




#27
2,4-Dimethylphenol
Concen: 26.17 ng
RT: 10.534 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

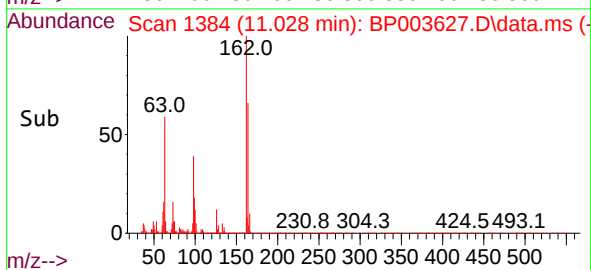
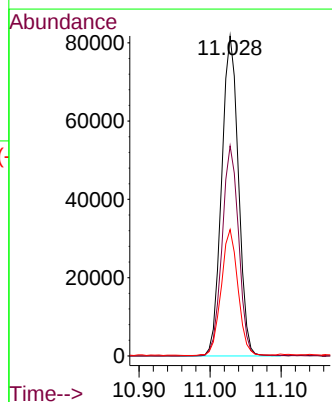
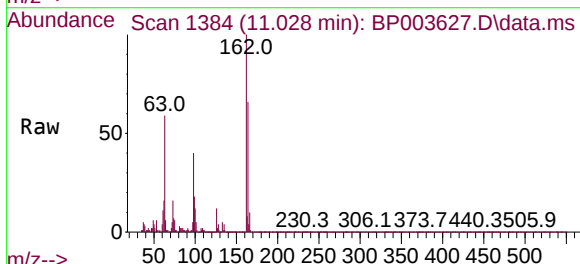
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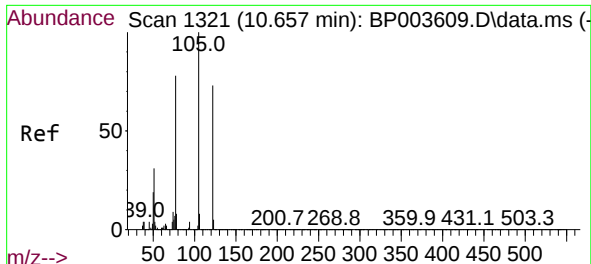
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Ion Ratio Lower Upper
122 100
107 134.4 87.3 130.9#
121 58.6 47.3 70.9



#29
2,4-Dichlorophenol
Concen: 29.48 ng
RT: 11.028 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:162 Resp: 133720
Ion Ratio Lower Upper
162 100
164 65.7 45.8 85.8
98 39.5 10.2 50.2

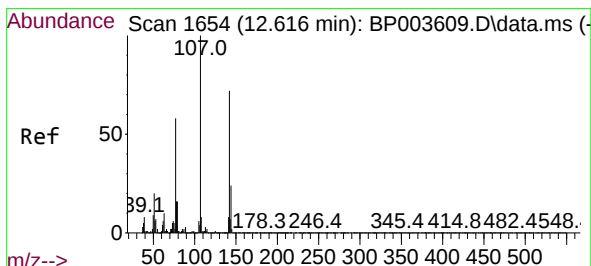
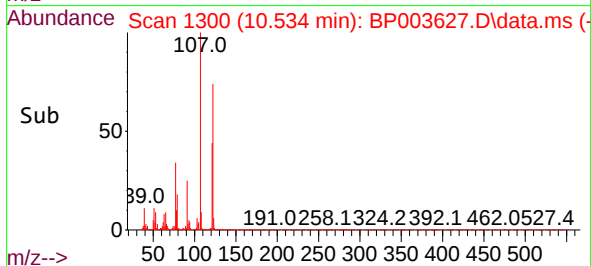
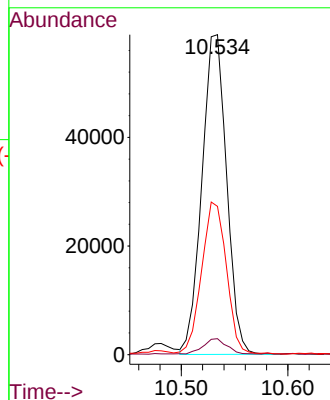
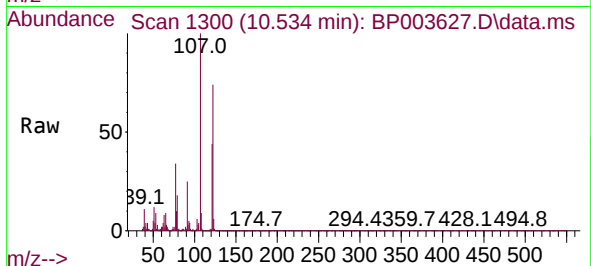




#32
Benzoic acid
Concen: 48.36 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.123 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

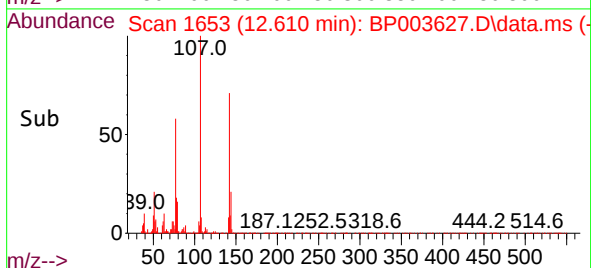
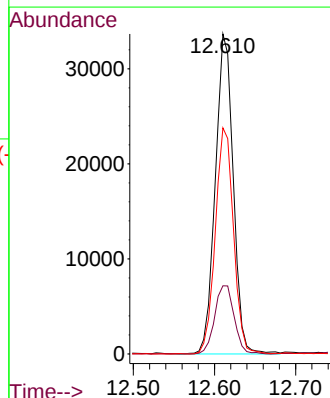
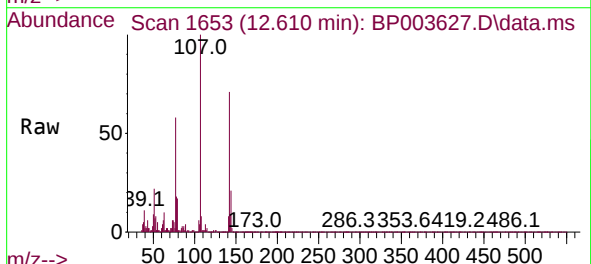
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

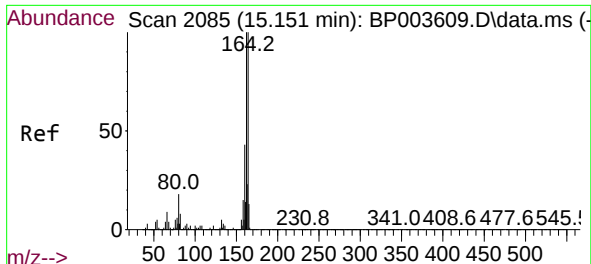
Tgt Ion:122 Resp: 95129
Ion Ratio Lower Upper
122 100
105 5.0 94.1 134.1#
77 46.3 50.1 90.1#



#36
4-Chloro-3-methylphenol
Concen: 9.99 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:107 Resp: 51742
Ion Ratio Lower Upper
107 100
144 21.3 22.7 34.1#
142 70.6 70.7 106.1#

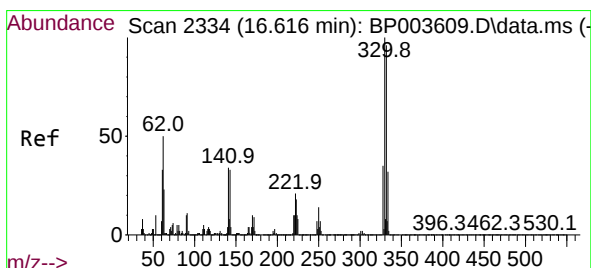
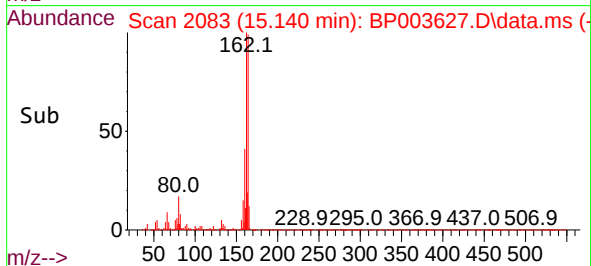
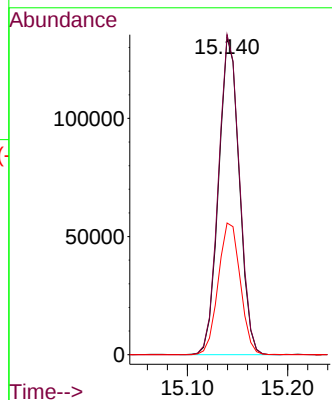
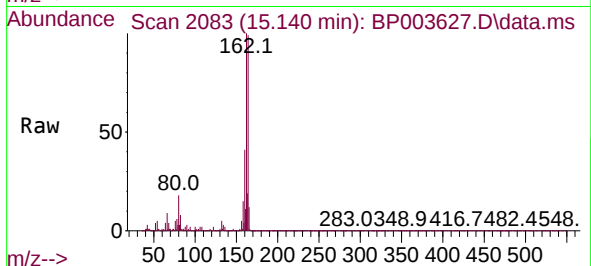




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.140 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

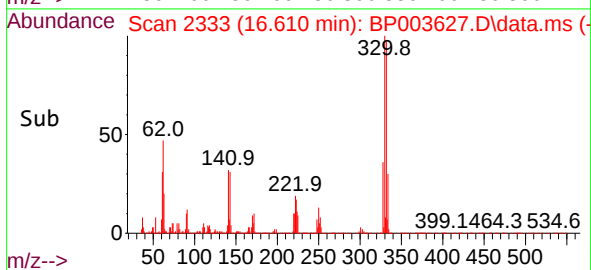
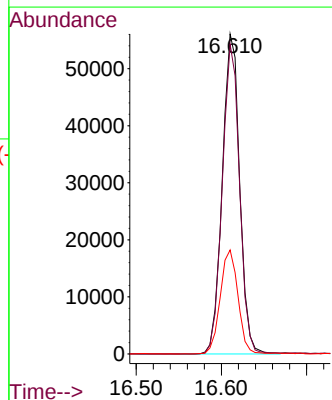
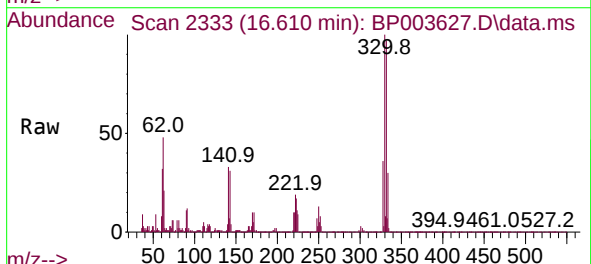
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

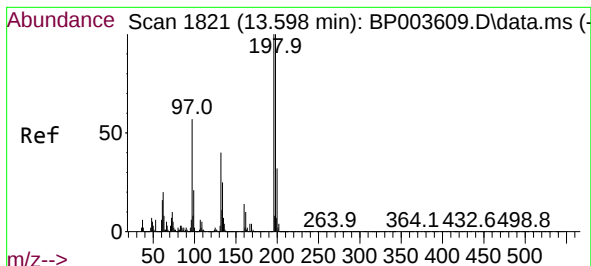
Tgt Ion:164 Resp: 191399
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 41.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 31.18 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:330 Resp: 79578
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.1 23.4 35.2

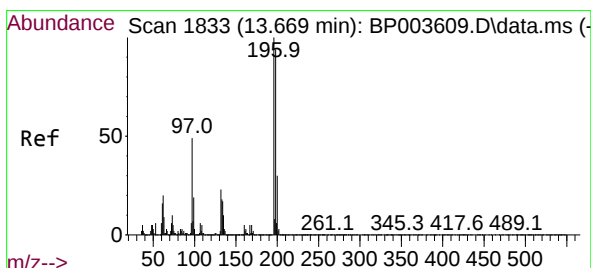
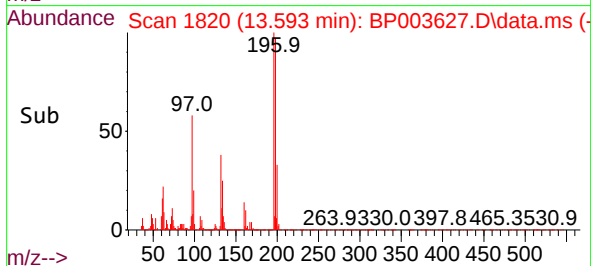
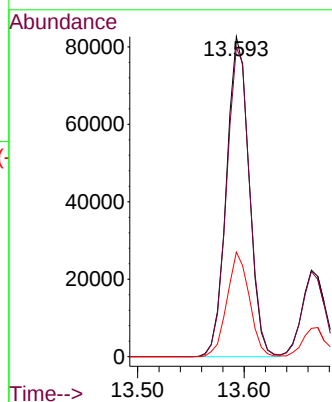
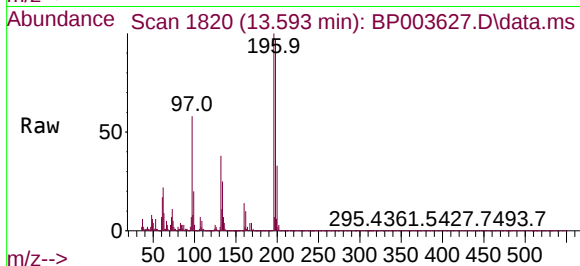




#43
2,4,6-Trichlorophenol
Concen: 30.22 ng
RT: 13.593 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

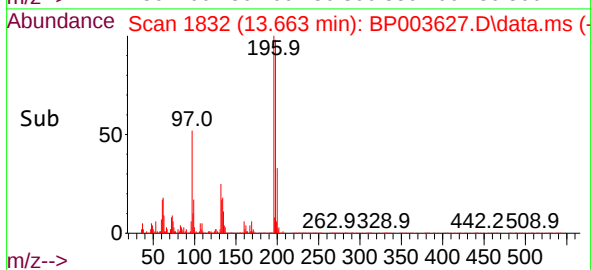
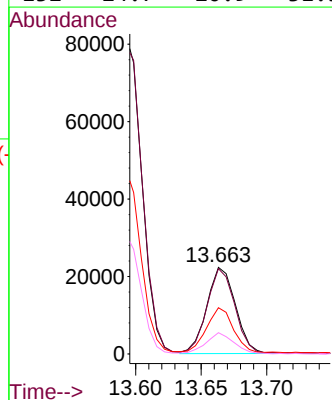
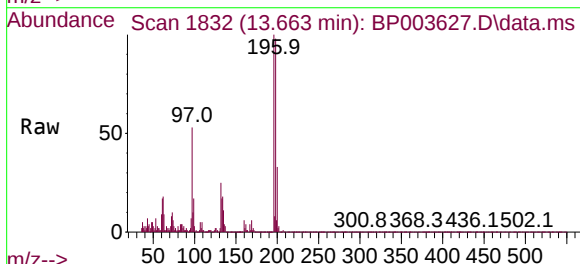
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

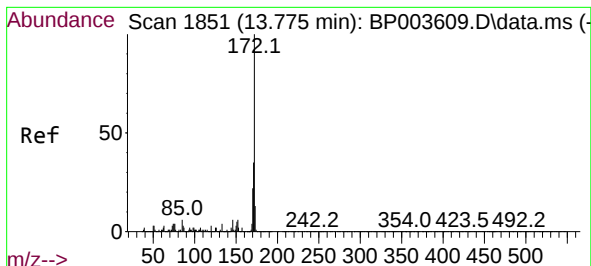
Tgt Ion:196 Resp: 121593
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
200 32.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 8.04 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:196 Resp: 33961
Ion Ratio Lower Upper
196 100
198 98.5 77.3 115.9
97 53.4 31.0 46.4#
132 24.7 20.9 31.3

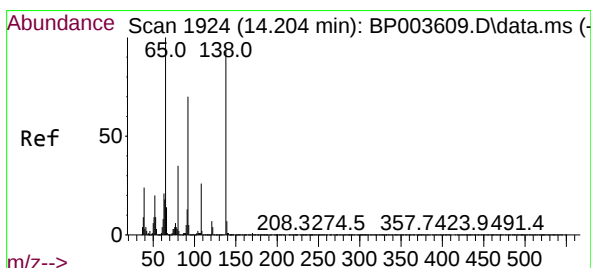
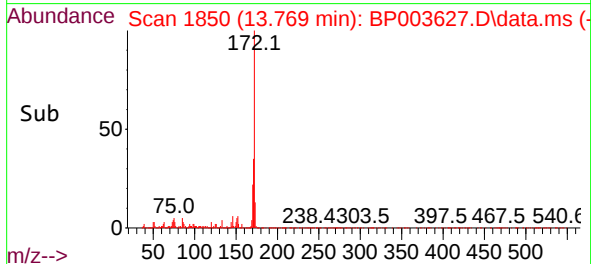
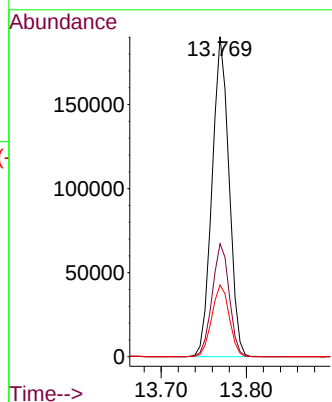
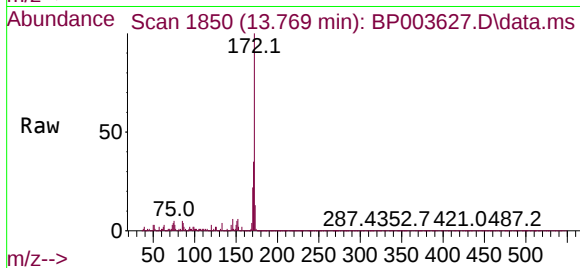




#45
2-Fluorobiphenyl
Concen: 18.01 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

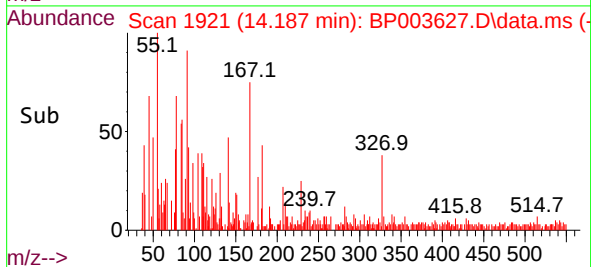
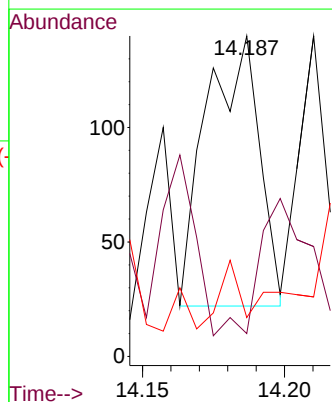
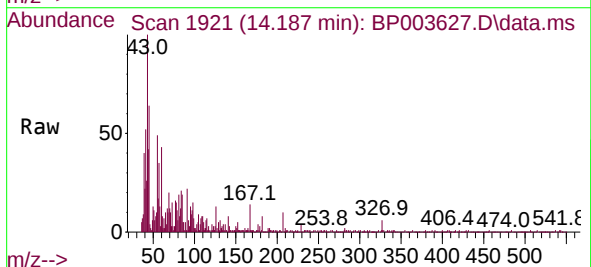
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

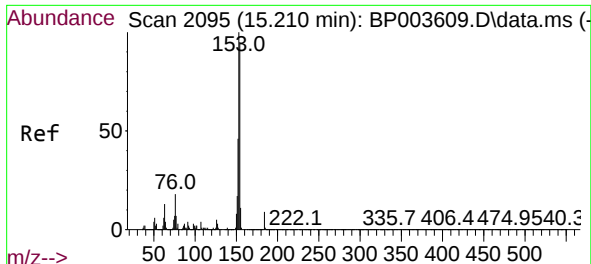
Tgt Ion:	172	Resp:	262768
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.5	42.7
170	22.4	19.2	28.8



#48
2-Nitroaniline
Concen: 4.22 ng
RT: 14.187 min Scan# 1921
Delta R.T. -0.017 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:	65	Resp:	154
Ion Ratio	Lower	Upper	
65	100		
92	7.1	70.6	106.0#
138	12.1	133.6	200.4#

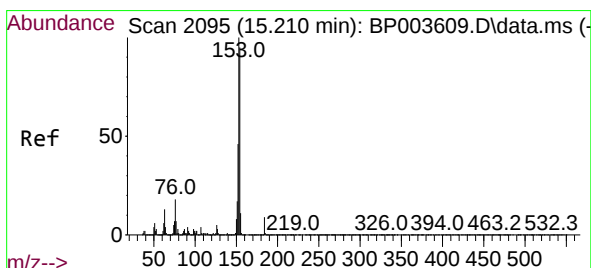
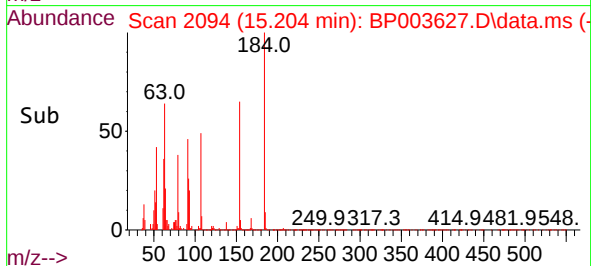
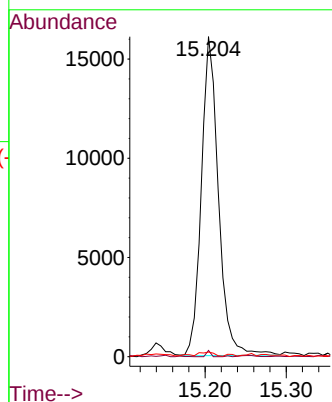
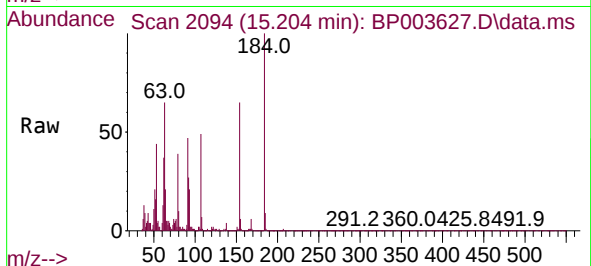




#52
Acenaphthene
Concen: 2.02 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

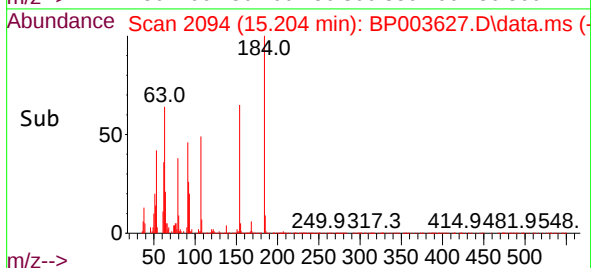
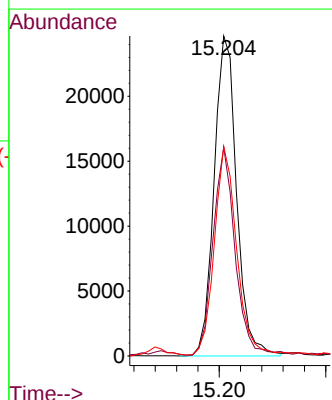
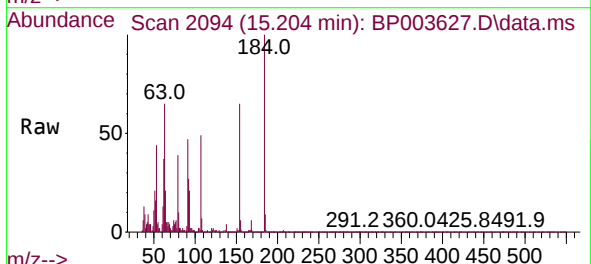
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

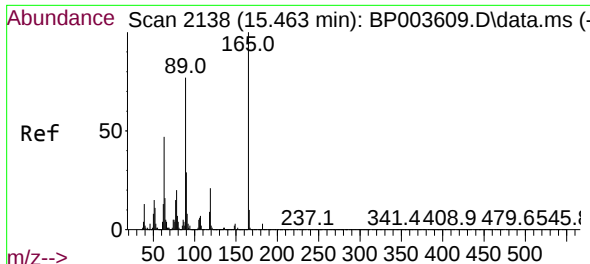
Tgt Ion:154 Resp: 23550
Ion Ratio Lower Upper
154 100
153 2.0 91.0 136.6#
152 1.5 43.0 64.6#



#54
2,4-Dinitrophenol
Concen: 34.37 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:184 Resp: 36028
Ion Ratio Lower Upper
184 100
63 65.1 32.3 48.5#
154 65.4 49.1 73.7

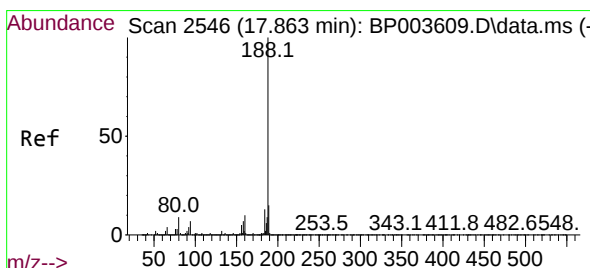
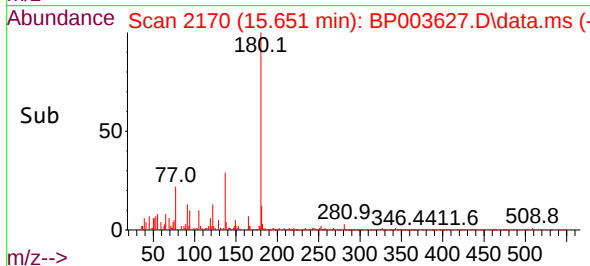
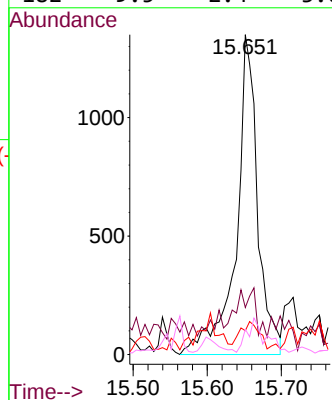
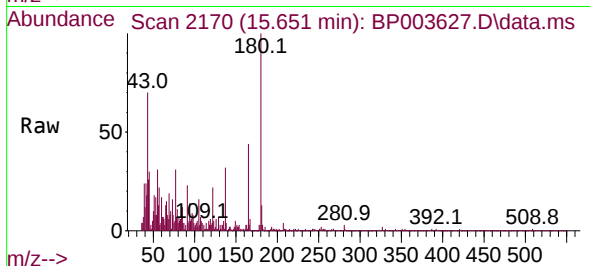




#57
2,4-Dinitrotoluene
Concen: 4.16 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.188 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

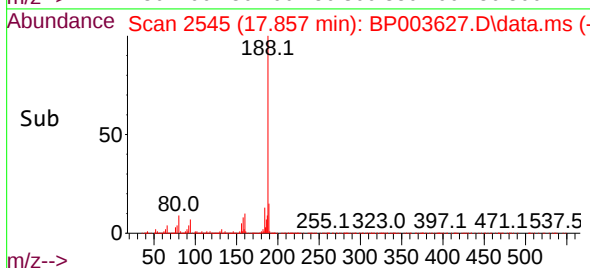
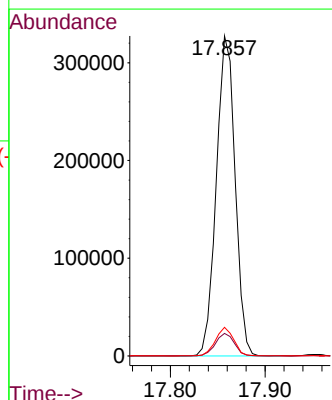
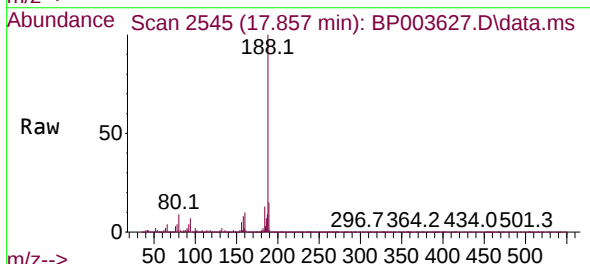
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

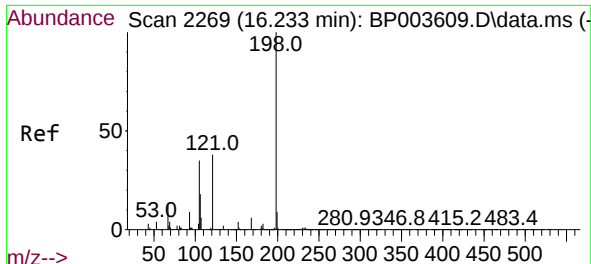
Tgt Ion:165 Resp: 2701
Ion Ratio Lower Upper
165 100
63 14.7 20.6 31.0#
89 7.5 42.6 63.8#
182 9.5 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:188 Resp: 451874
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 9.0 6.2 9.2

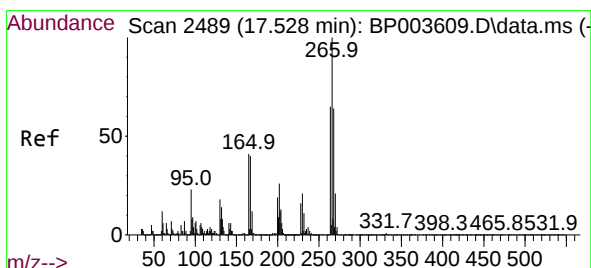
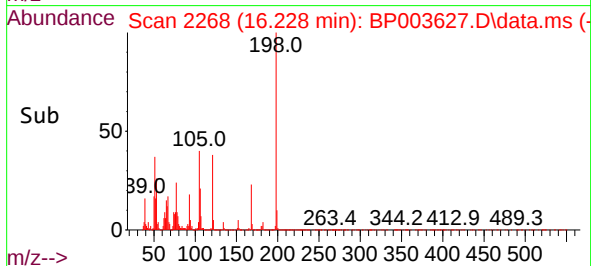
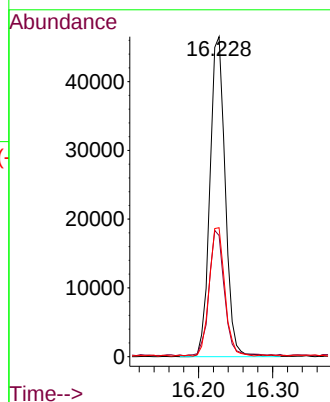
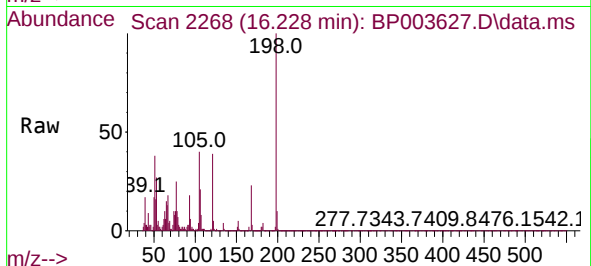




#65
4,6-Dinitro-2-methylphenol
Concen: 36.29 ng
RT: 16.228 min Scan# 2268
Delta R.T. -0.005 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

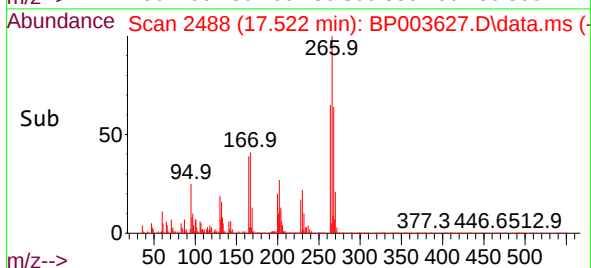
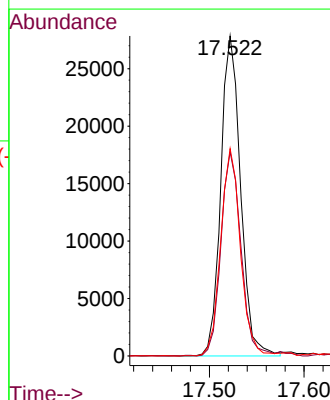
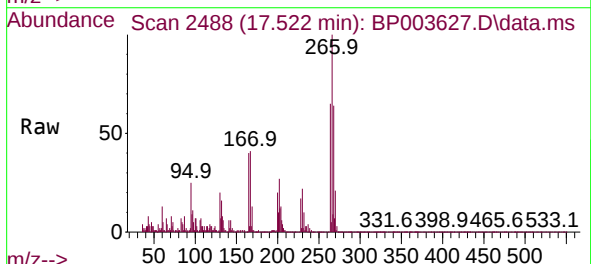
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

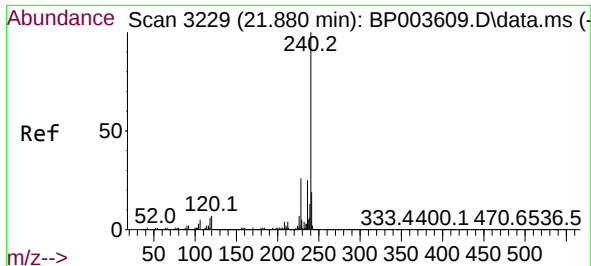
Tgt Ion:198	Resp:	66681
Ion Ratio	Lower	Upper
198	100	
51	37.9	6.4 46.4
105	40.3	18.9 58.9



#70
Pentachlorophenol
Concen: 13.16 ng
RT: 17.522 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:266	Resp:	40549
Ion Ratio	Lower	Upper
266	100	
268	63.8	51.1 76.7
264	64.8	50.6 76.0

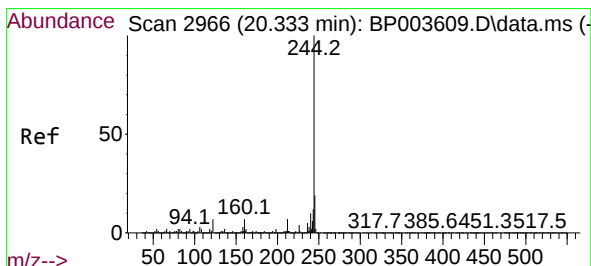
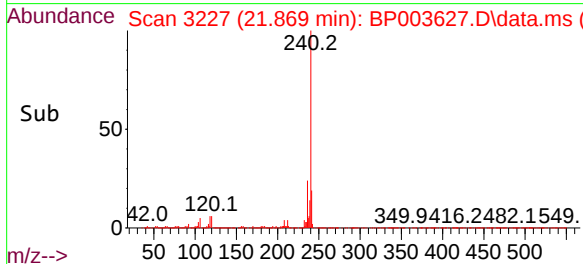
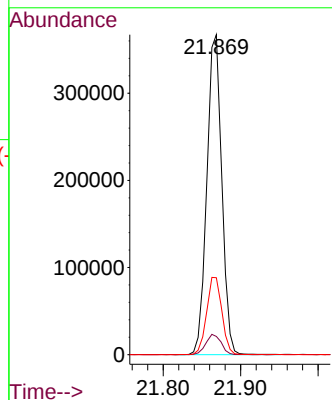
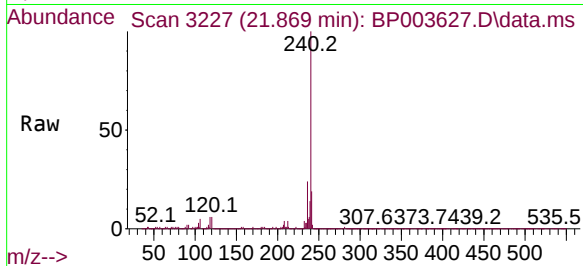




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.869 min Scan# 3227
Delta R.T. -0.012 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

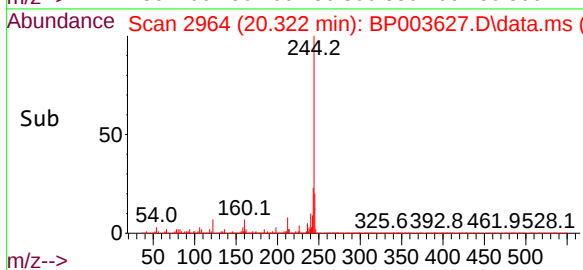
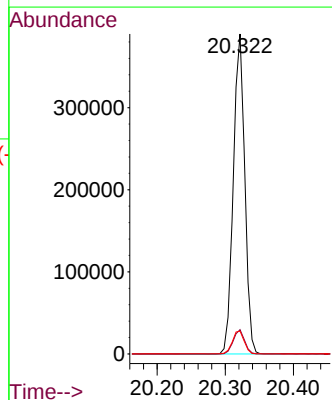
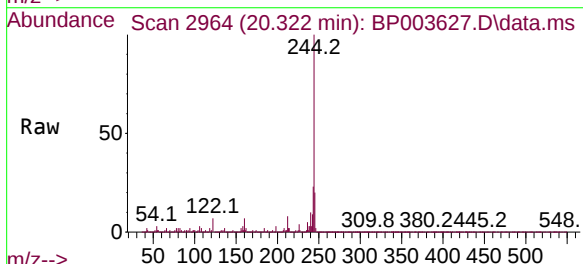
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

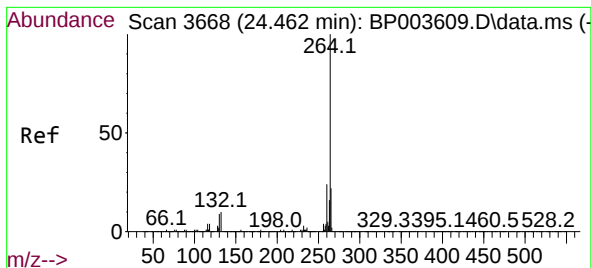
Tgt Ion:240 Resp: 490496
Ion Ratio Lower Upper
240 100
120 5.7 7.8 11.6#
236 24.0 20.8 31.2



#79
Terphenyl-d14
Concen: 16.79 ng
RT: 20.322 min Scan# 2964
Delta R.T. -0.012 min
Lab File: BP003627.D
Acq: 15 Oct 2020 16:51

Tgt Ion:244 Resp: 455302
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.2 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: BP003627.D
Acq: 15 Oct 2020 16:51

Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:264 Resp: 475280

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.8	17.4	26.2

