

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032421\
 Data File : BP005036.D
 Acq On : 24 Mar 2021 16:24
 Operator : CG/JU
 Sample : M1557-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 24 17:05:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 10:16:52 2021
 Response via : Initial Calibration

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

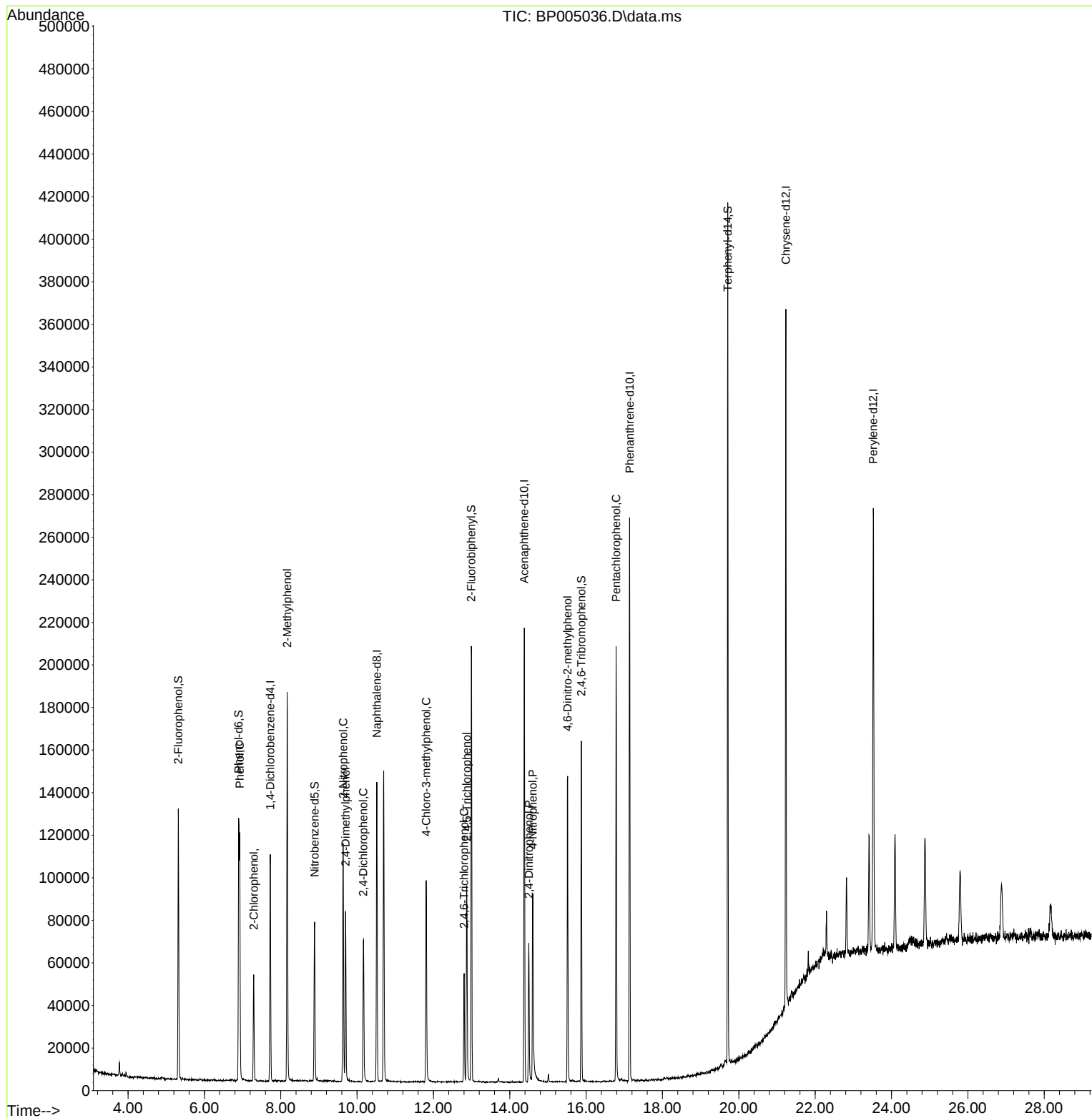
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	27299	20.00	ng	0.00
21) Naphthalene-d8	10.516	136	103161	20.00	ng	# 0.00
39) Acenaphthene-d10	14.381	164	66923	20.00	ng	0.00
64) Phenanthrene-d10	17.139	188	148940	20.00	ng	# 0.00
76) Chrysene-d12	21.233	240	149235	20.00	ng	0.00
86) Perylene-d12	23.521	264	152537	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	53613	30.22	ng	0.00
7) Phenol-d6	6.899	99	68122	26.81	ng	0.00
23) Nitrobenzene-d5	8.887	82	46198	19.21	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	25809	29.60	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	99848	20.18	ng	0.00
79) Terphenyl-d14	19.710	244	169478	20.67	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.293	128	19046	10.18	ng	# 80
10) Phenol	6.928	94	62680	24.07	ng	81
17) 2-Methylphenol	8.169	107	51895	31.23	ng	# 89
26) 2-Nitrophenol	9.634	139	29699	30.22	ng	# 59
27) 2,4-Dimethylphenol	9.699	122	20336	12.87	ng	# 82
29) 2,4-Dichlorophenol	10.163	162	22439	12.69	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	34485	16.14	ng	# 78
43) 2,4,6-Trichlorophenol	12.804	196	11773	7.82	ng	95
44) 2,4,5-Trichlorophenol	12.875	196	26348	16.15	ng	# 93
54) 2,4-Dinitrophenol	14.498	184	13977	19.00	ng	# 74
56) 4-Nitrophenol	14.604	139	24547	26.76	ng	# 34
65) 4,6-Dinitro-2-methylph...	15.516	198	29893	27.50	ng	86
70) Pentachlorophenol	16.787	266	33419	26.08	ng	96

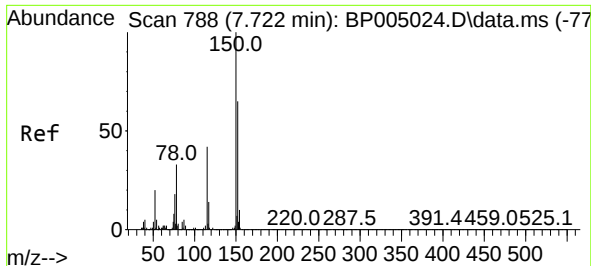
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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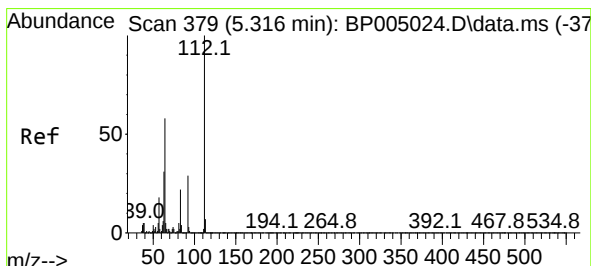
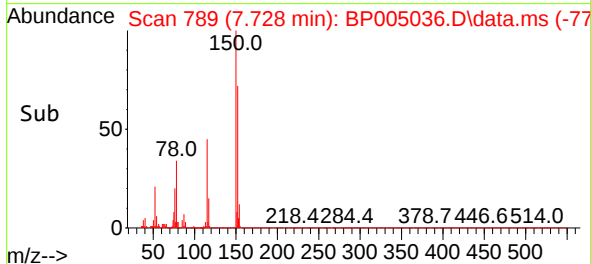
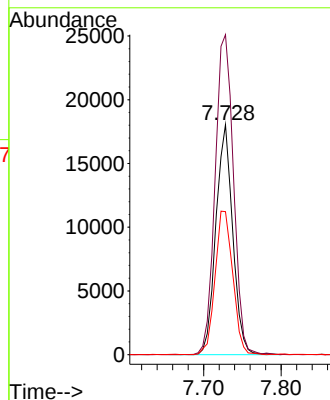
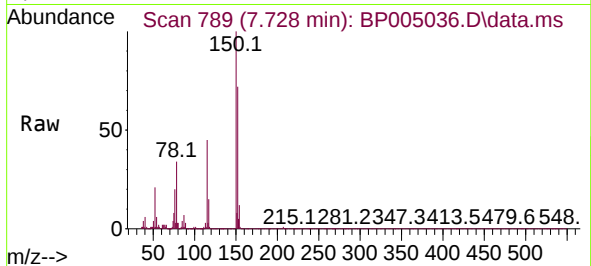




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.728 min Scan# 789
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

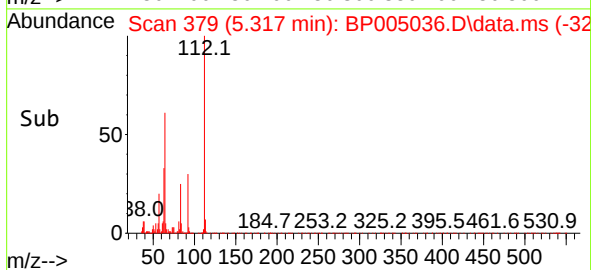
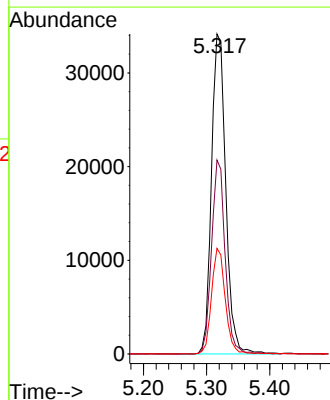
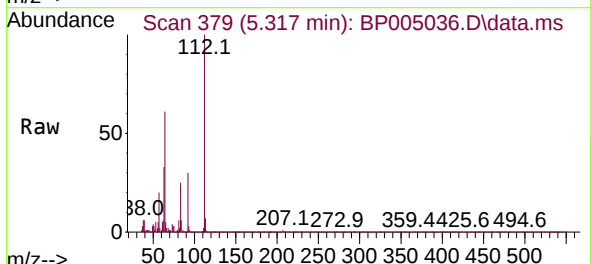
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BNA_P
ClientSampleId :
PT-ACIDS-WPDL

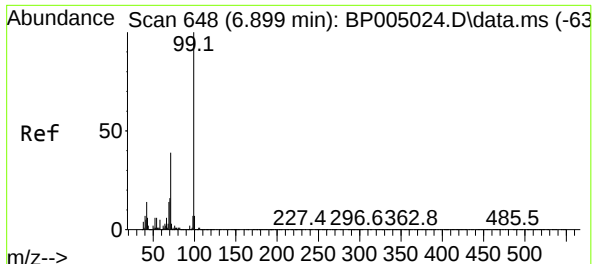
Tgt Ion:152 Resp: 27299
Ion Ratio Lower Upper
152 100
150 139.1 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 30.22 ng
RT: 5.317 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:112 Resp: 53613
Ion Ratio Lower Upper
112 100
64 60.6 32.8 49.2#
63 33.0 17.0 25.4#

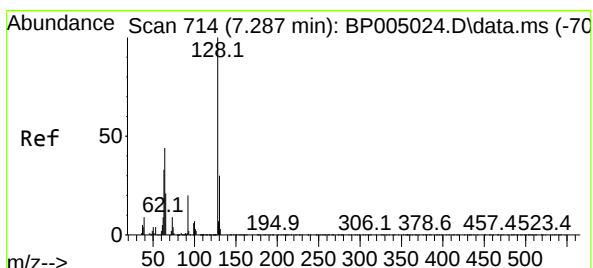
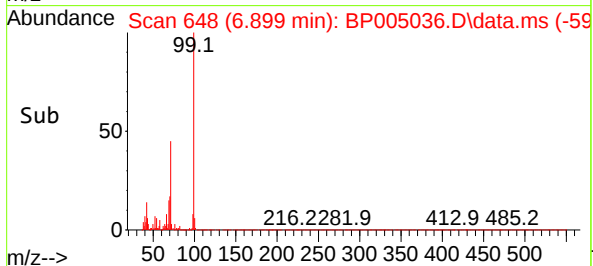
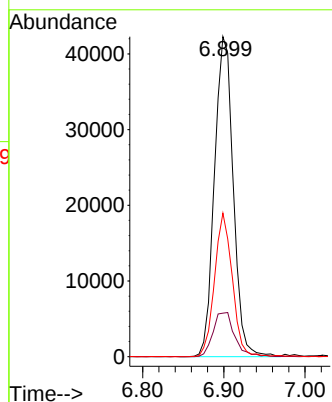
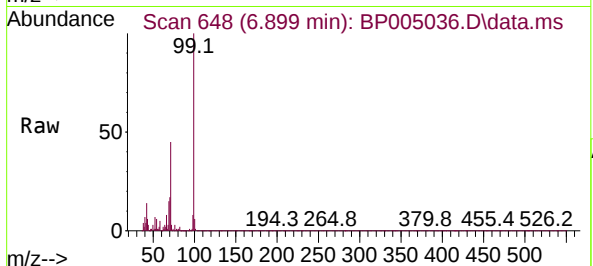




#7
Phenol-d6
Concen: 26.81 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

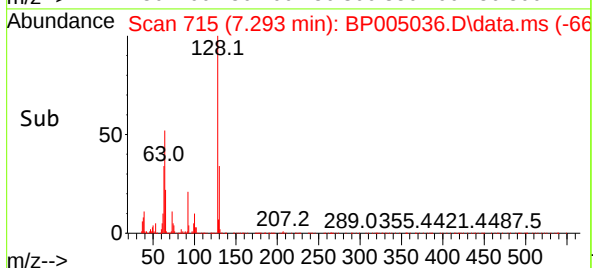
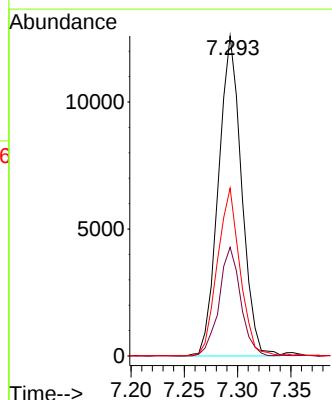
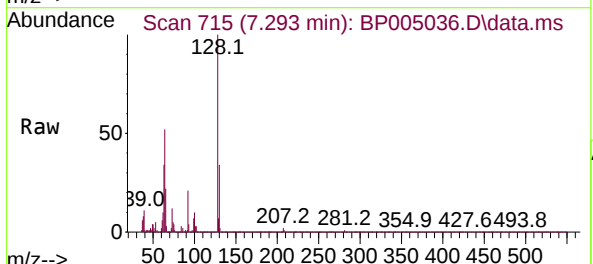
Instrument :
BNA_P
ClientSampleId :
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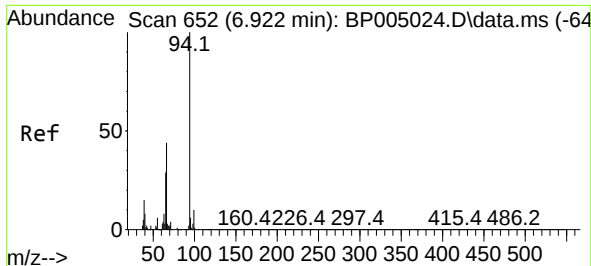
Tgt Ion: 99 Resp: 68122
Ion Ratio Lower Upper
99 100
42 13.6 8.6 13.0#
71 44.9 23.4 35.2#



#8
2-Chlorophenol
Concen: 10.18 ng
RT: 7.293 min Scan# 715
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion: 128 Resp: 19046
Ion Ratio Lower Upper
128 100
130 34.0 13.0 53.0
64 52.4 10.4 50.4#

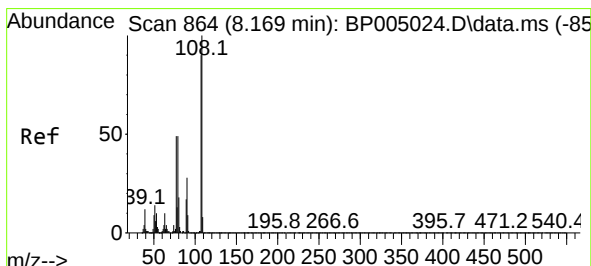
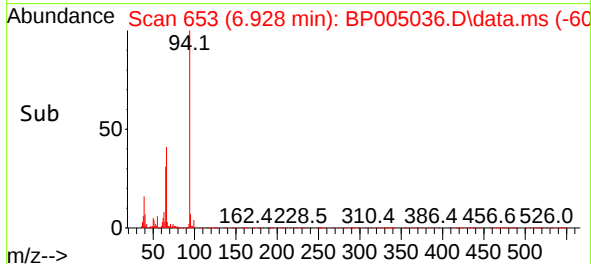
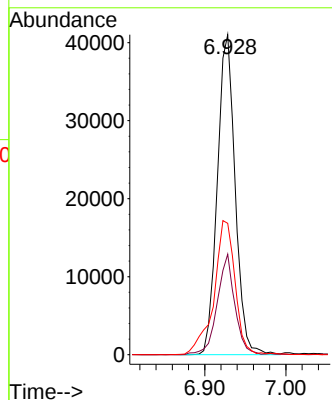
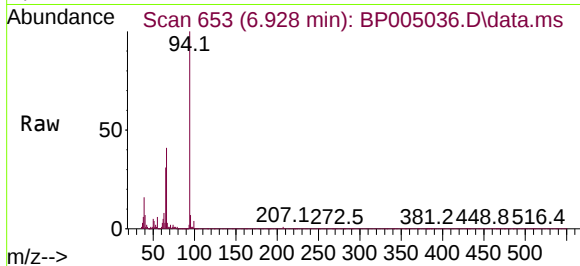




#10
Phenol
Concen: 24.07 ng
RT: 6.928 min Scan# 653
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

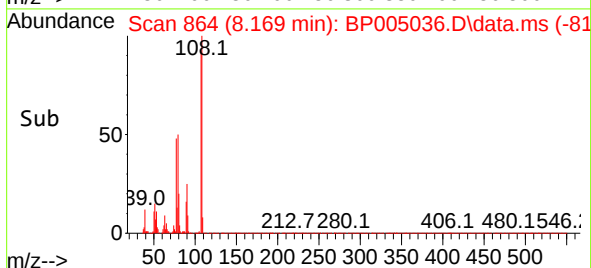
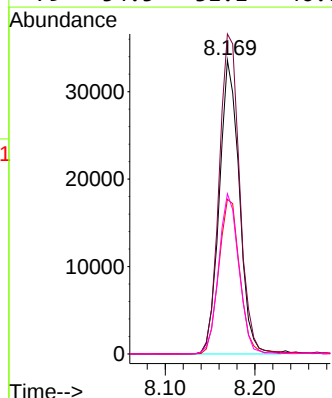
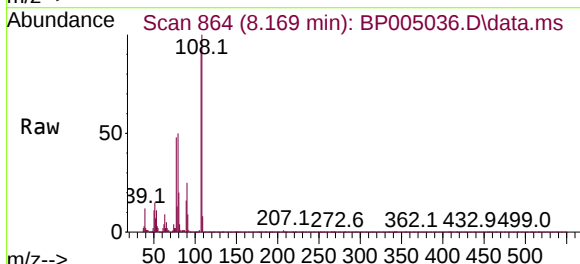
Instrument :
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ClientSampleId :
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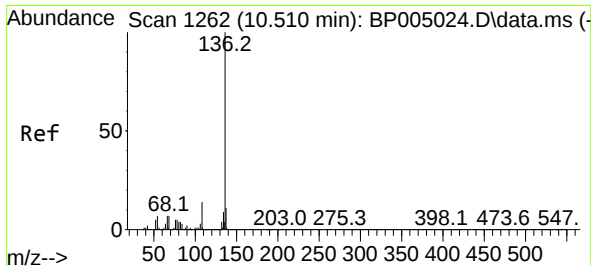
Tgt Ion: 94 Resp: 62680
Ion Ratio Lower Upper
94 100
65 31.4 2.3 42.3
66 41.0 10.9 50.9



#17
2-Methylphenol
Concen: 31.23 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion: 107 Resp: 51895
Ion Ratio Lower Upper
107 100
108 108.9 89.6 134.4
77 52.6 31.8 47.6#
79 54.5 31.1 46.7#

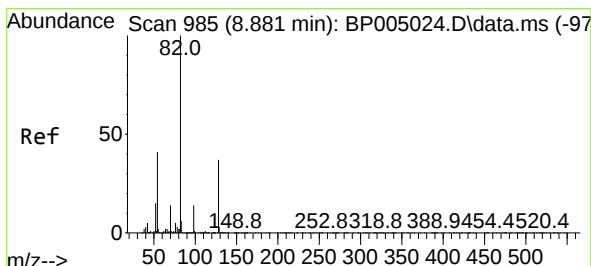
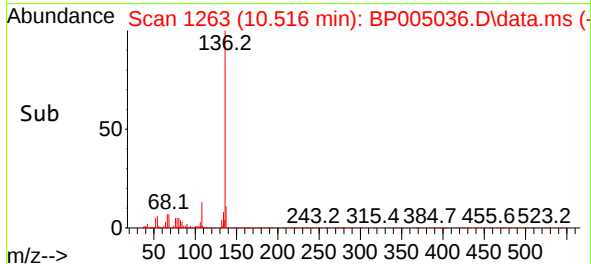
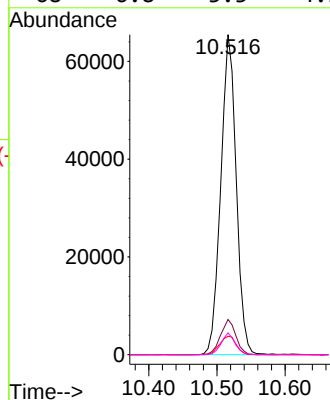
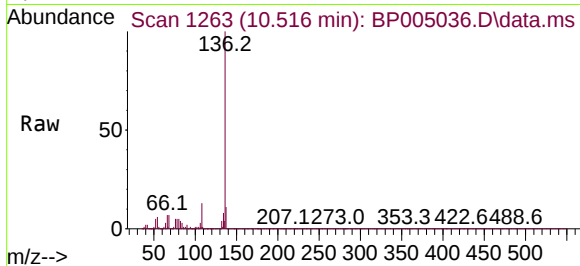




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.516 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

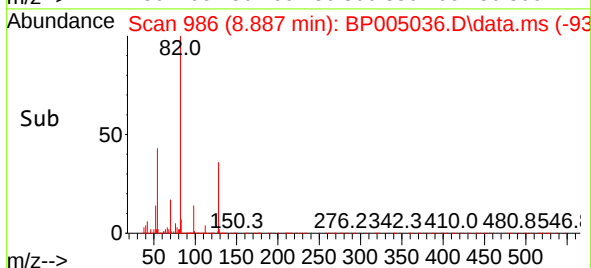
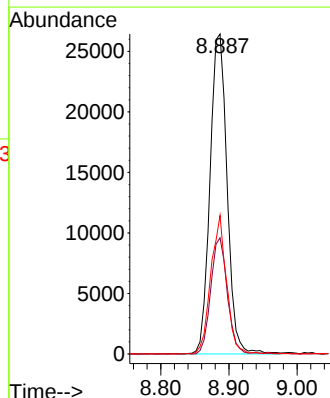
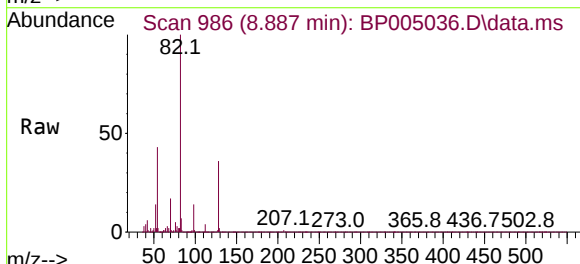
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ClientSampleId :
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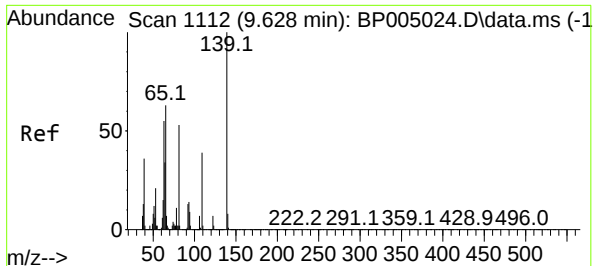
Tgt Ion:	136	Resp:	103161
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	6.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 19.21 ng
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	82	Resp:	46198
Ion Ratio	Lower	Upper	
82	100		
128	36.3	45.6	68.4#
54	43.3	30.1	45.1

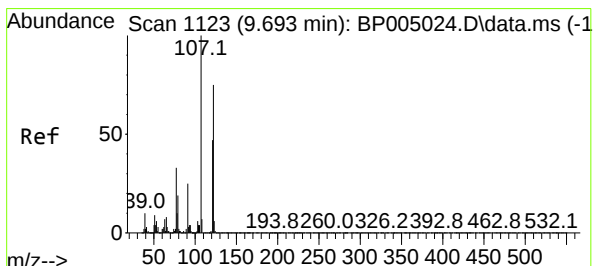
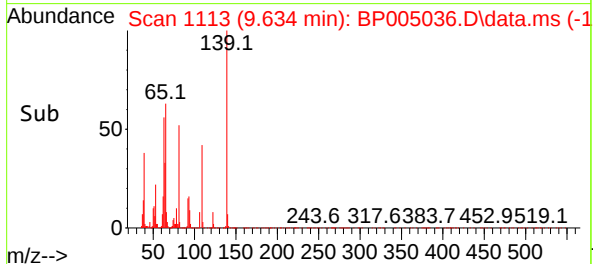
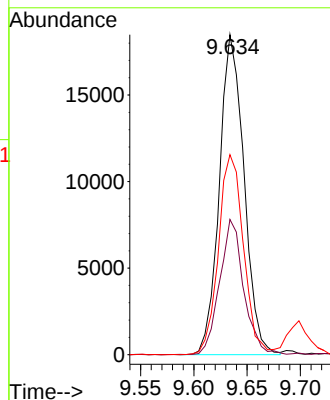
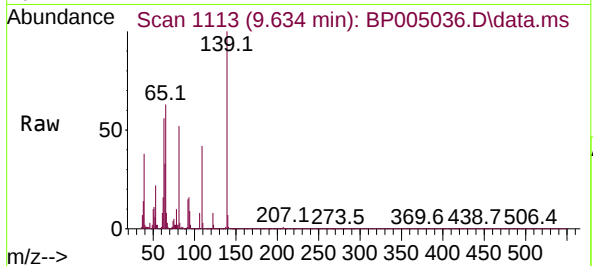




#26
2-Nitrophenol
Concen: 30.22 ng
RT: 9.634 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

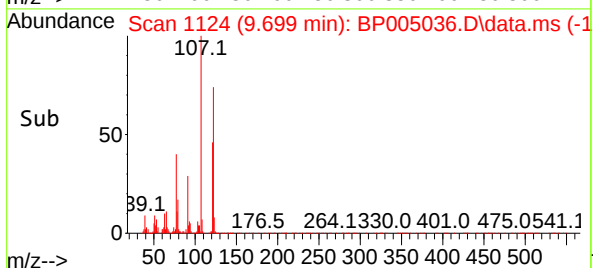
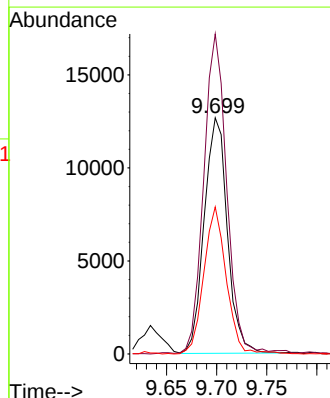
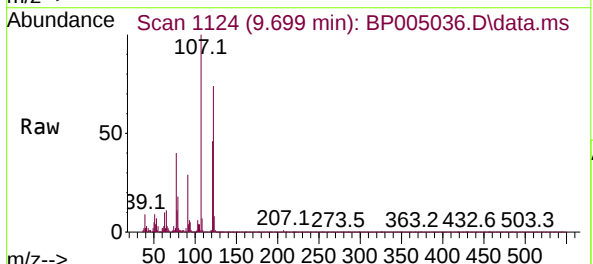
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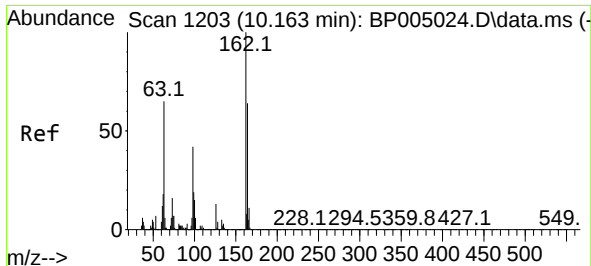
Tgt Ion:139 Resp: 29699
Ion Ratio Lower Upper
139 100
109 42.3 22.1 33.1#
65 62.5 26.5 39.7#



#27
2,4-Dimethylphenol
Concen: 12.87 ng
RT: 9.699 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:122 Resp: 20336
Ion Ratio Lower Upper
122 100
107 135.5 87.3 130.9#
121 62.2 47.3 70.9

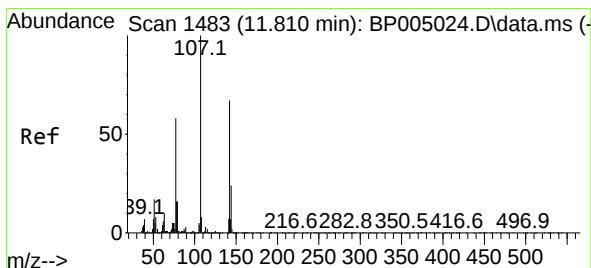
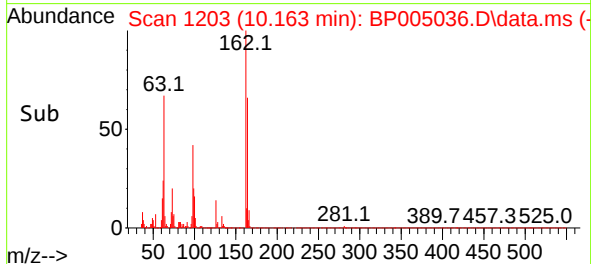
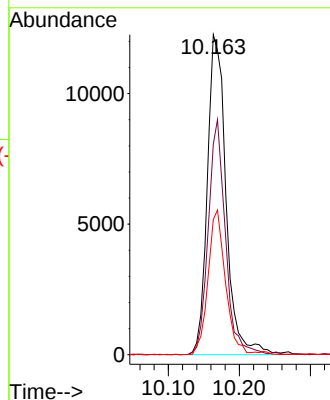
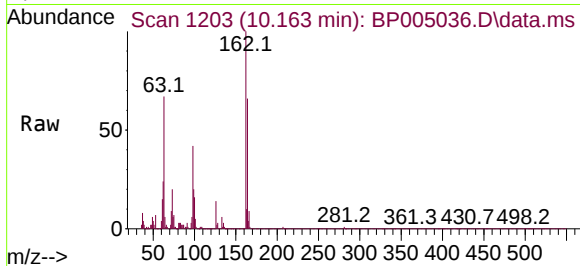




#29
2,4-Dichlorophenol
Concen: 12.69 ng
RT: 10.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

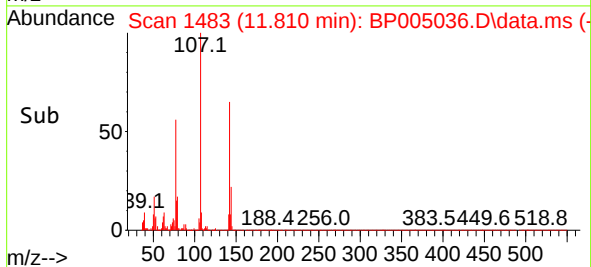
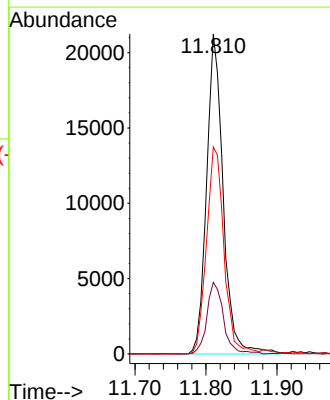
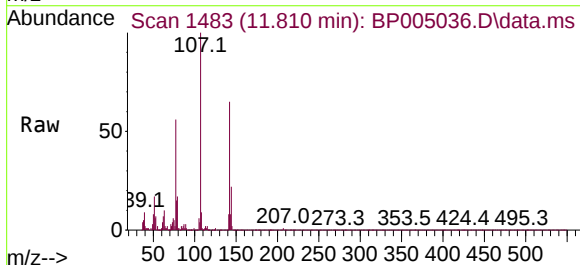
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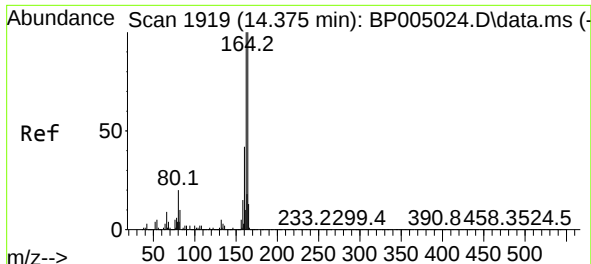
Tgt Ion:	162	Resp:	22439
Ion Ratio	Lower	Upper	
162	100		
164	65.8	45.8	85.8
98	42.2	10.2	50.2



#36
4-Chloro-3-methylphenol
Concen: 16.14 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	107	Resp:	34485
Ion Ratio	Lower	Upper	
107	100		
144	22.4	22.7	34.1#
142	64.7	70.7	106.1#

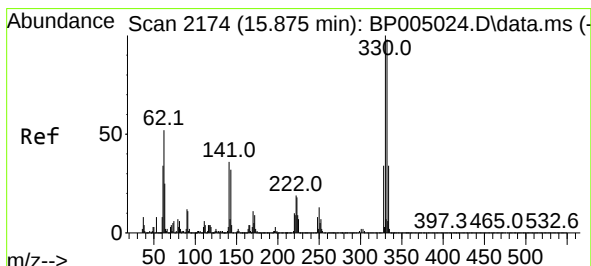
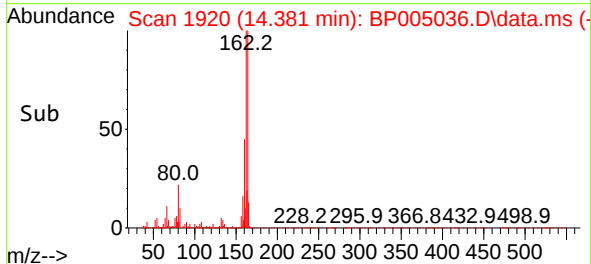
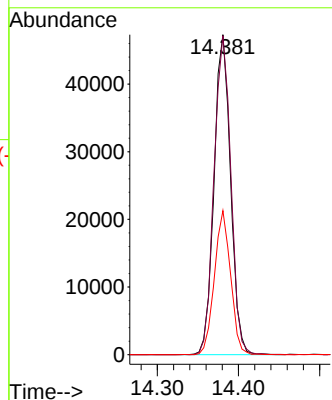
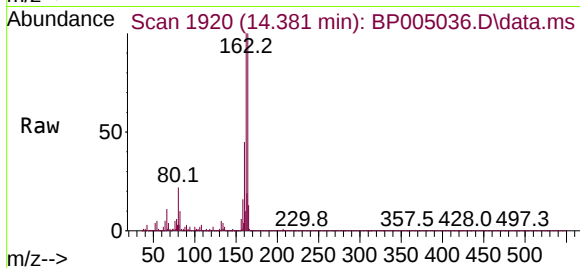




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.381 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

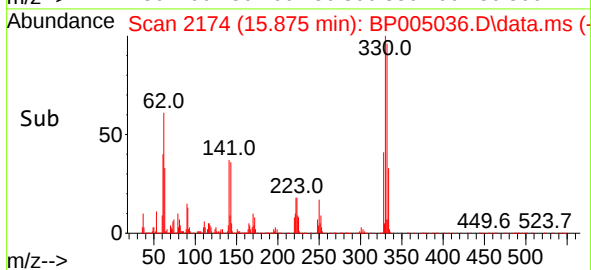
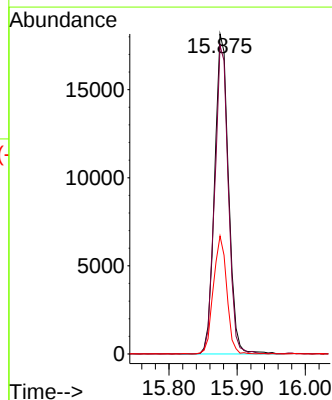
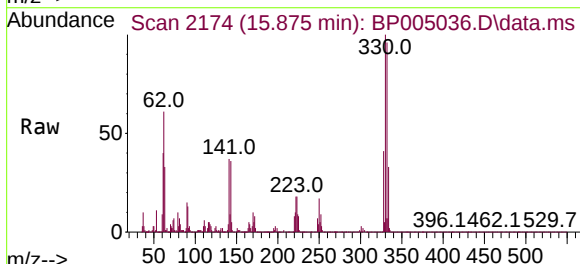
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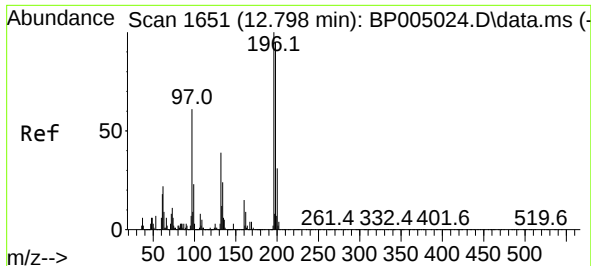
Tgt Ion:164 Resp: 66923
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 29.60 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:330 Resp: 25809
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 35.5 23.4 35.2#

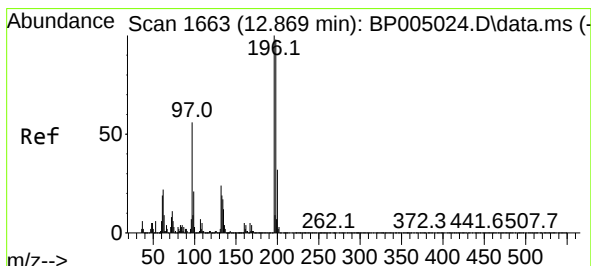
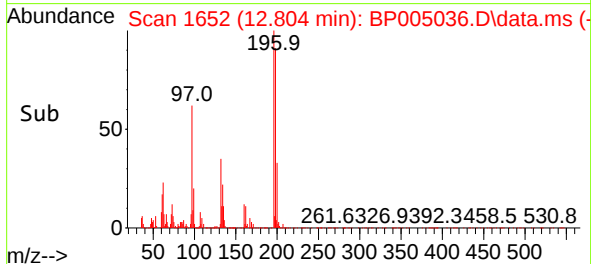
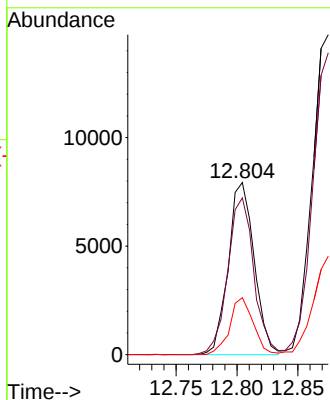
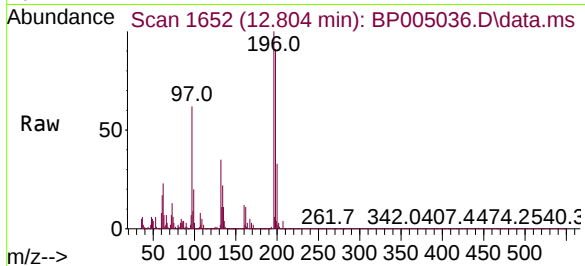




#43
2,4,6-Trichlorophenol
Concen: 7.82 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

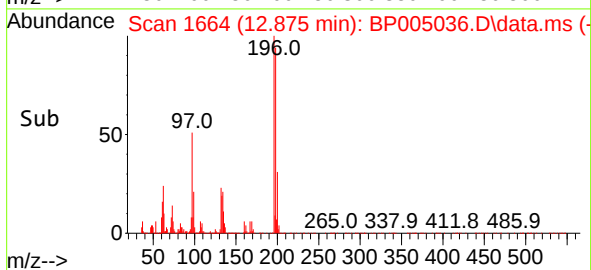
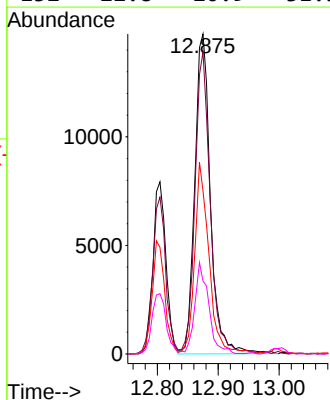
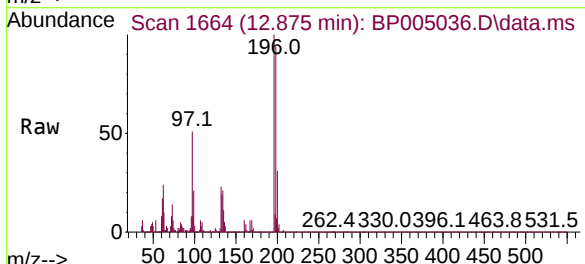
Instrument :
BNA_P
ClientSampleId :
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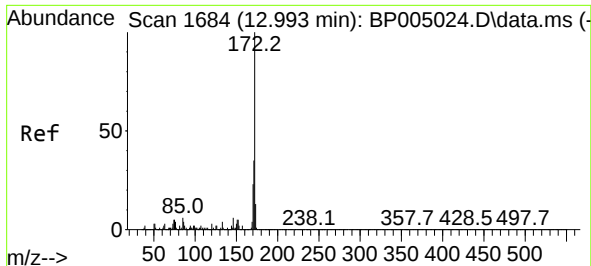
Tgt Ion:196 Resp: 11773
Ion Ratio Lower Upper
196 100
198 91.1 77.0 115.6
200 33.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 16.15 ng
RT: 12.875 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:196 Resp: 26348
Ion Ratio Lower Upper
196 100
198 94.4 77.3 115.9
97 50.9 31.0 46.4#
132 22.8 20.9 31.3

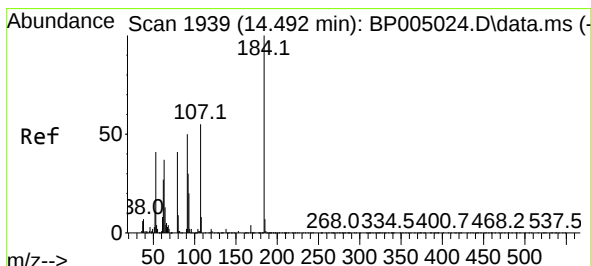
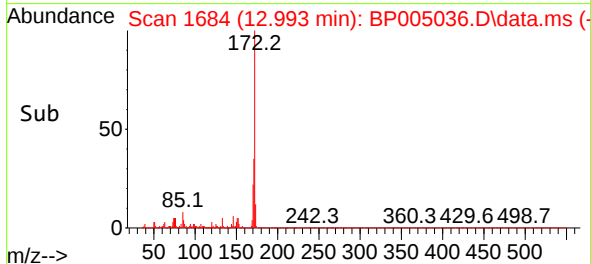
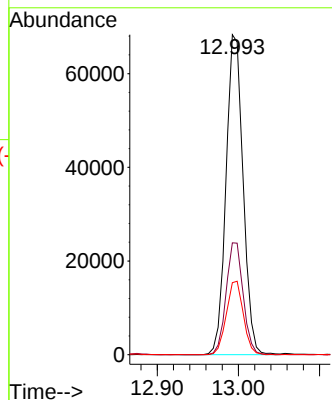
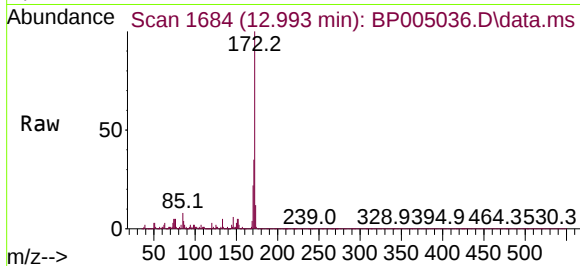




#45
2-Fluorobiphenyl
Concen: 20.18 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

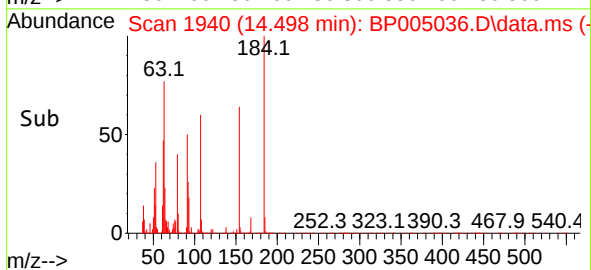
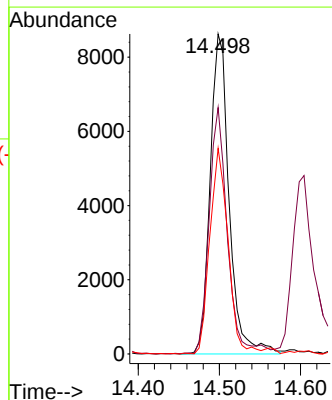
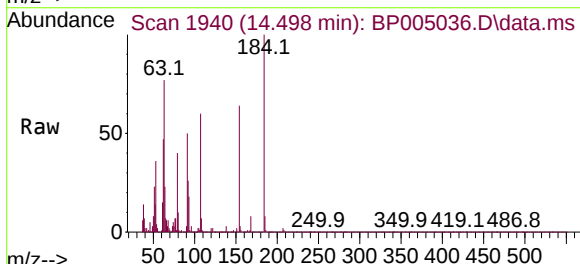
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

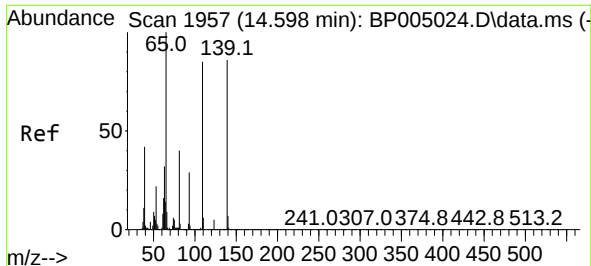
Tgt Ion:	172	Resp:	99848
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	22.5	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 19.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	184	Resp:	13977
Ion Ratio	Lower	Upper	
184	100		
63	77.0	32.3	48.5#
154	64.3	49.1	73.7

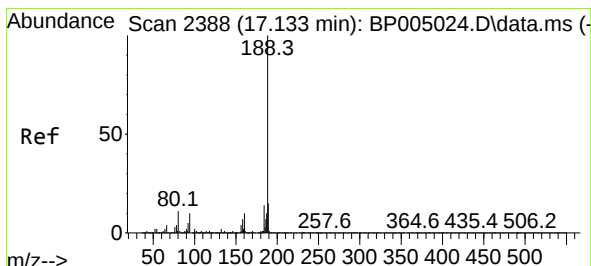
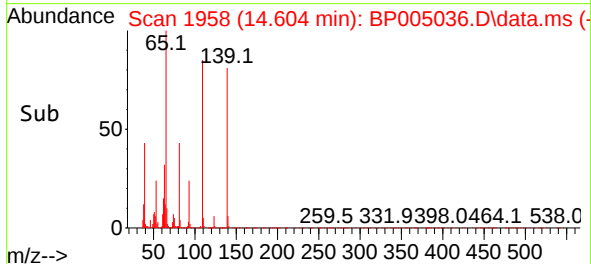
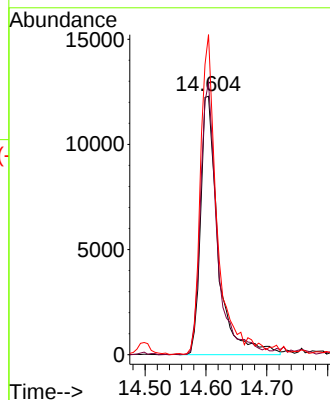
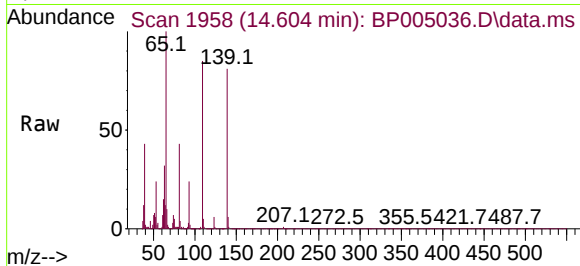




#56
4-Nitrophenol
Concen: 26.76 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

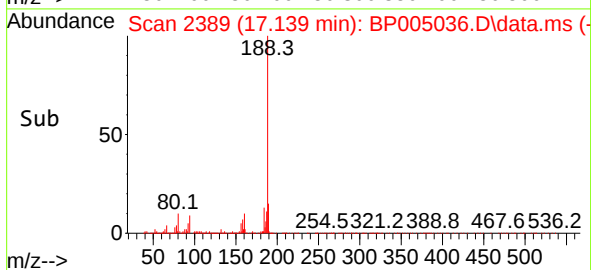
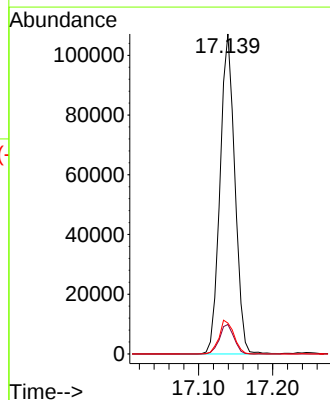
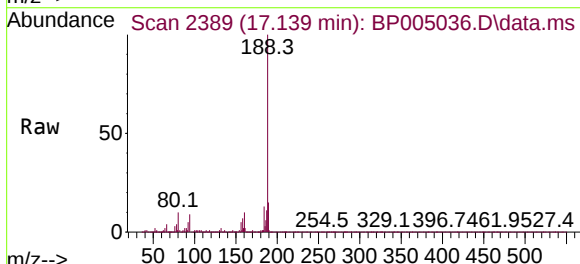
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

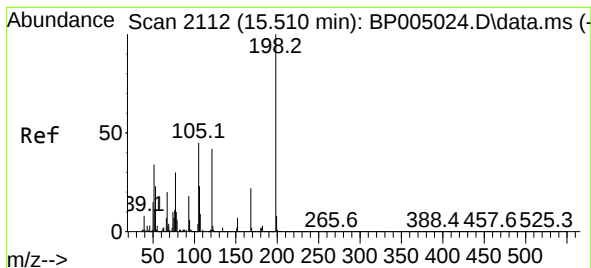
Tgt Ion:	139	Resp:	24547
Ion Ratio	Lower	Upper	
139	100		
109	105.3	44.6	84.6#
65	123.8	41.6	81.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	188	Resp:	148940
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.2	9.2
80	9.6	6.2	9.2#

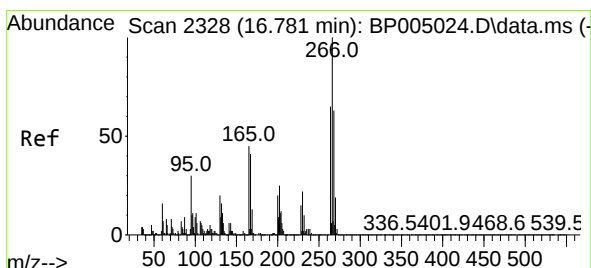
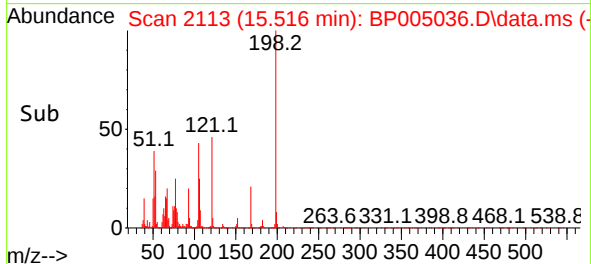
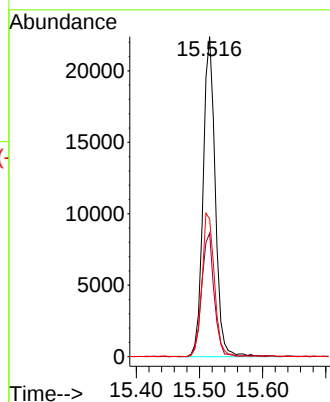
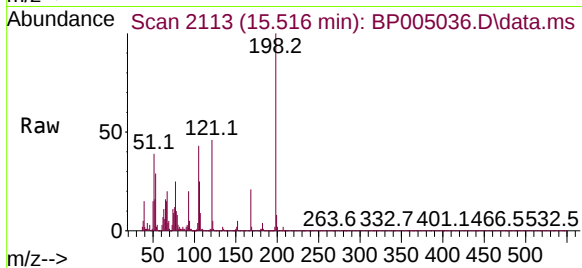




#65
4,6-Dinitro-2-methylphenol
Concen: 27.50 ng
RT: 15.516 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

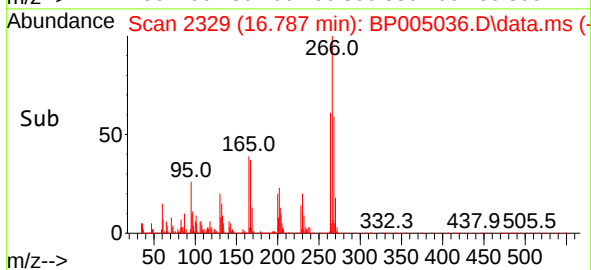
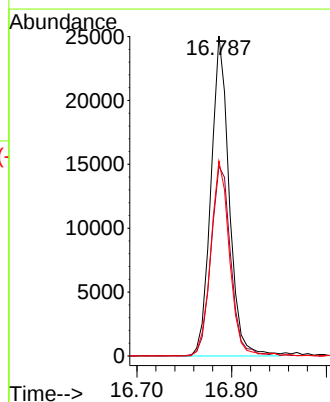
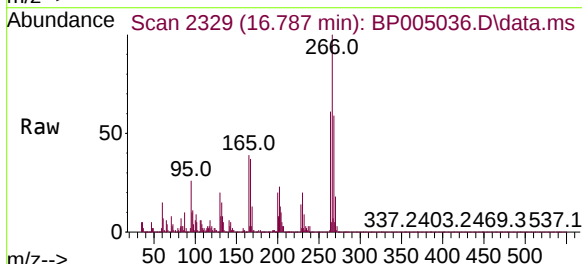
Instrument :
BNA_P
ClientSampleId :
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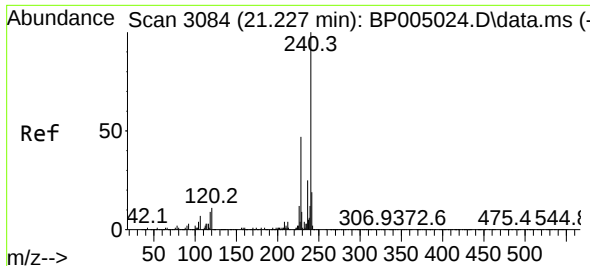
Tgt Ion:198 Resp: 29893
Ion Ratio Lower Upper
198 100
51 38.6 6.4 46.4
105 43.1 18.9 58.9



#70
Pentachlorophenol
Concen: 26.08 ng
RT: 16.787 min Scan# 2329
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:266 Resp: 33419
Ion Ratio Lower Upper
266 100
268 59.3 51.1 76.7
264 60.9 50.6 76.0

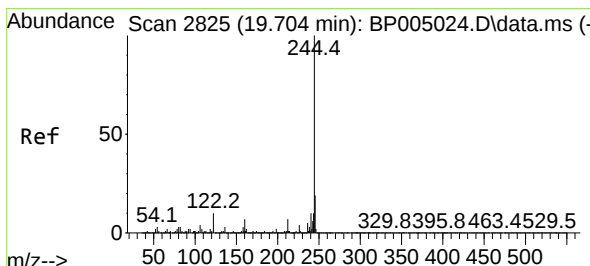
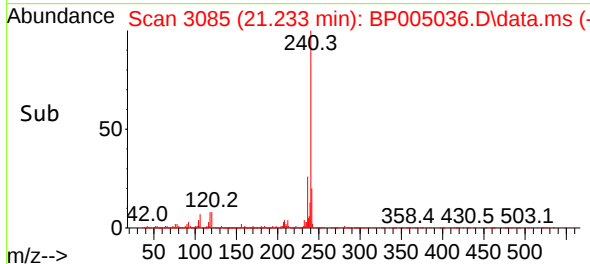
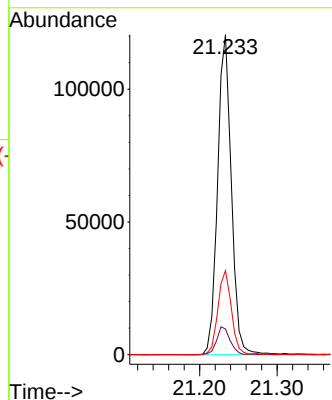
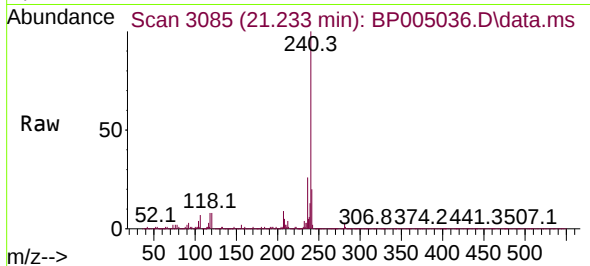




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

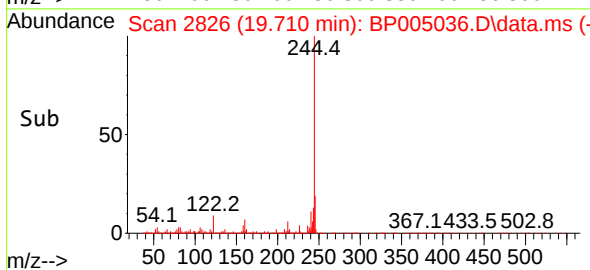
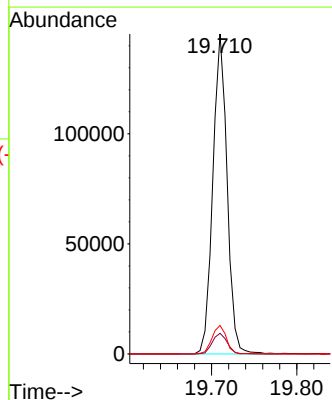
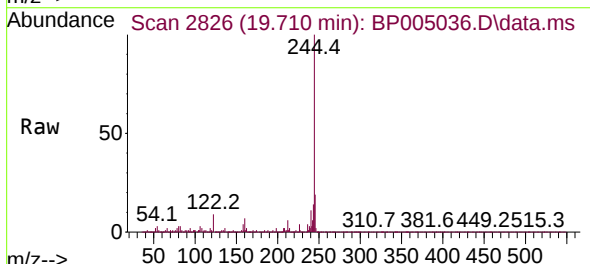
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

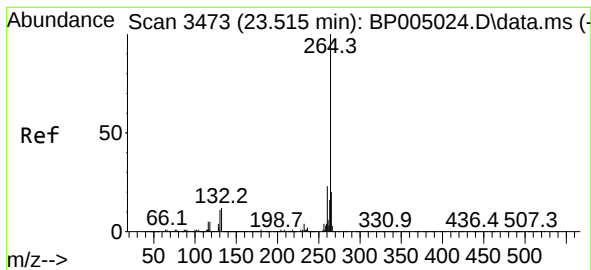
Tgt Ion:240 Resp: 149235
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 20.67 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:244 Resp: 169478
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 8.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.521 min Scan# 3474
 Delta R.T. 0.012 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:264 Resp: 152537
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 23.0 17.4 26.2

