

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)

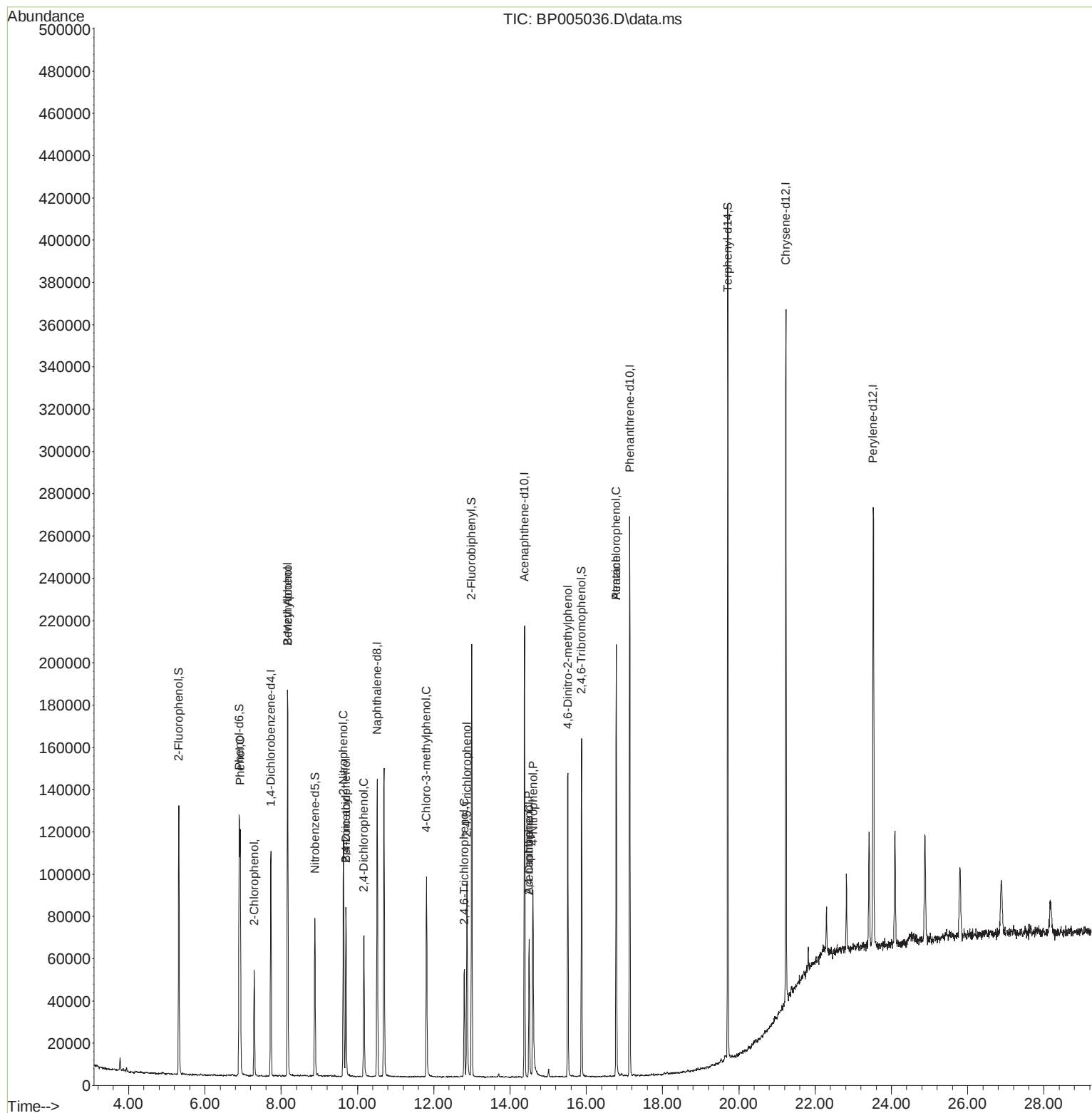
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	27299	20.00	ng	0.00
21) Naphthalene-d8	10.516	136	103161	20.00	ng	# 0.00
39) Acenaphthene-d10	14.381	164	66923	20.00	ng	0.00
64) Phenanthrene-d10	17.139	188	148940	20.00	ng	# 0.00
76) Chrysene-d12	21.233	240	149235	20.00	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.864	77	71	Below Cal		# 2
10) Phenol	6.928	94	62680	24.07	ng	81
15) Benzyl Alcohol	8.169	79	28736	14.66	ng	# 15
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
32) Benzoic acid	9.699	122	20336	17.33	ng	# 30
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
52) Acenaphthene	14.498	154	8650	2.18	ng	# 4
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
69) Atrazine	16.787	200	6432	4.04	ng	# 36
70) Pentachlorophenol	16.787	266	33419	26.08	ng	96

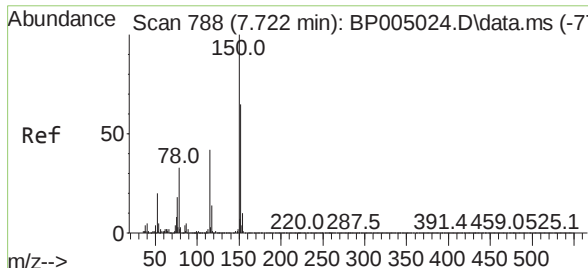
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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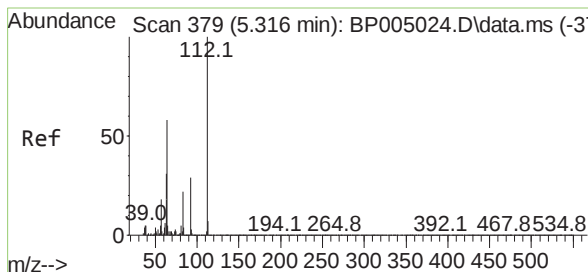
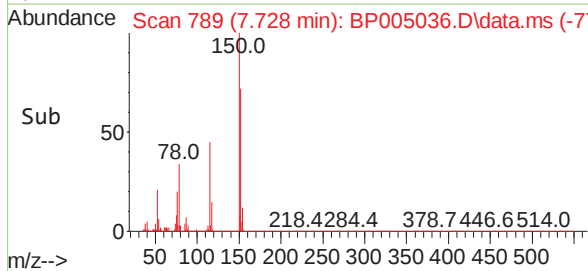
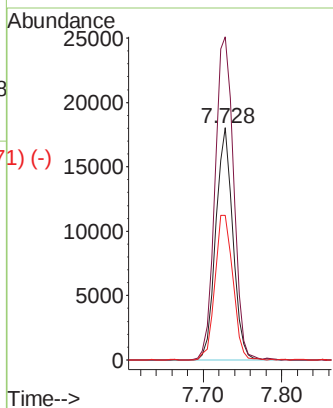
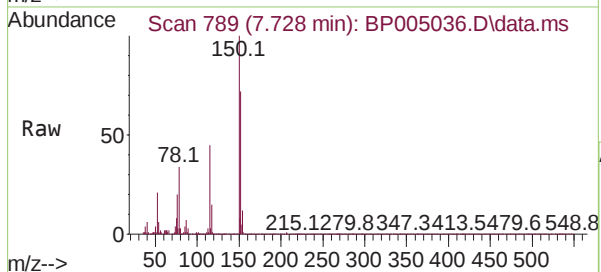




Scan 788 (7.722 min): BP005024.D\data.ms (-779) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.728 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

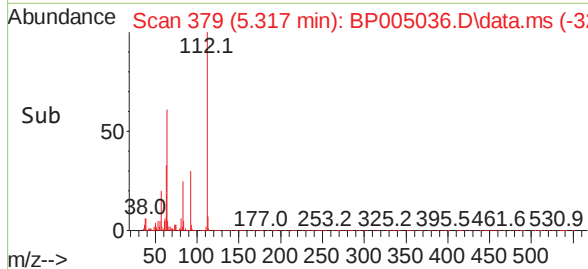
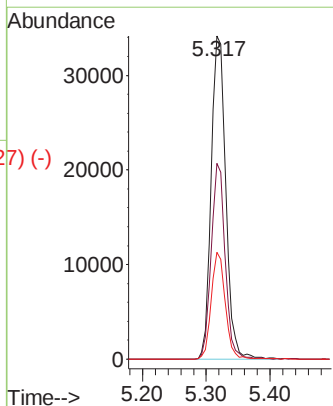
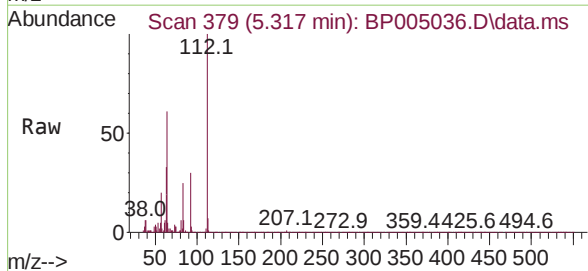
Instrument :
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 ClientSampleId :
 PT-ACIDS-WPDL

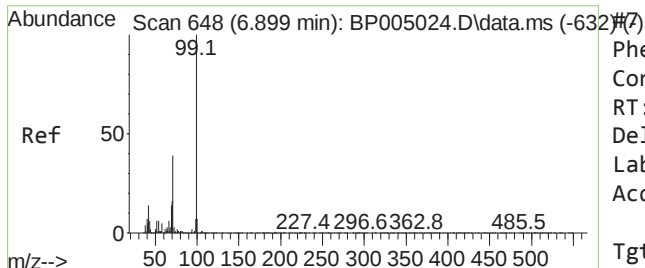
Tgt Ion:	152	Resp:	27299
Ion	Ratio	Lower	Upper
152	100		
150	139.1	123.8	185.6
115	62.2	43.8	65.6



Scan 379 (5.316 min): BP005024.D\data.ms (-370) #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#

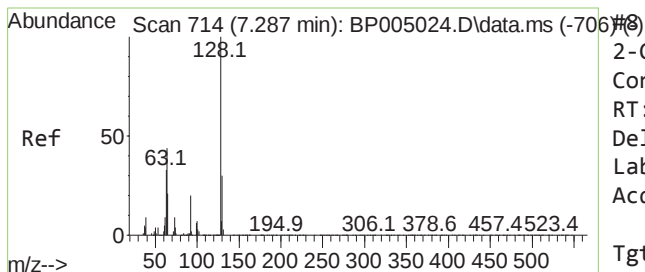
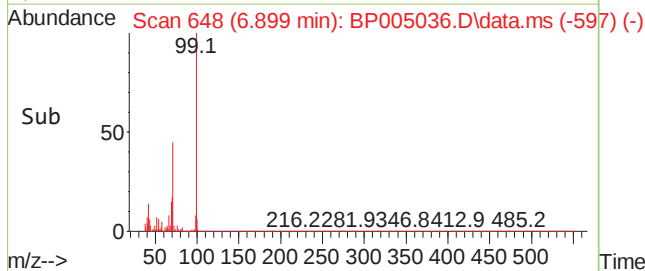
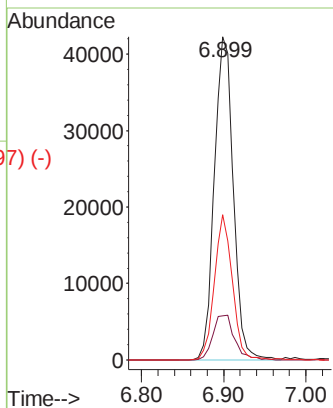
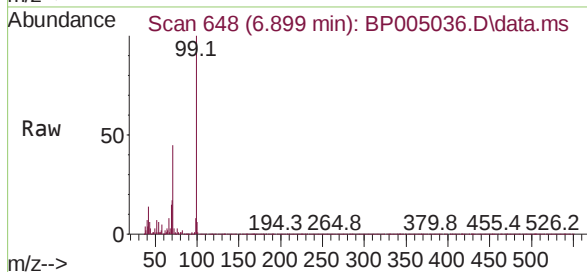




Phenol-d6
 Concen: 26.81 ng
 RT: 6.899 min Scan# 648
 Delta R.T. -0.000 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

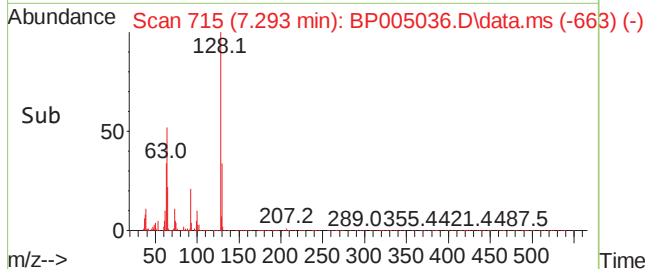
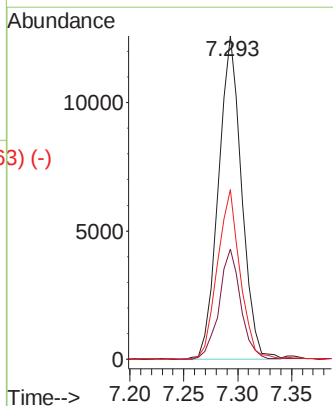
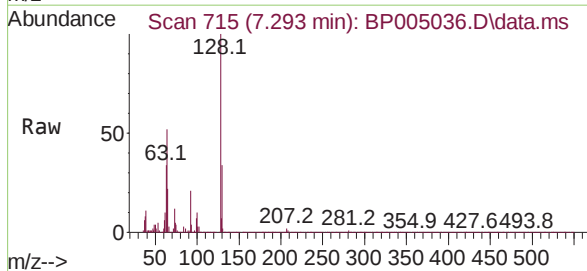
Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

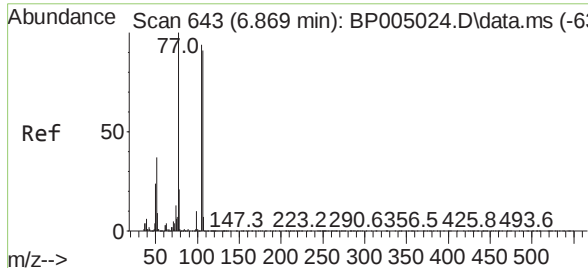
Tgt Ion:	99	Resp:	68122
Ion	Ratio	Lower	Upper
99	100		
42	13.6	8.6	13.0#
71	44.9	23.4	35.2#



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#

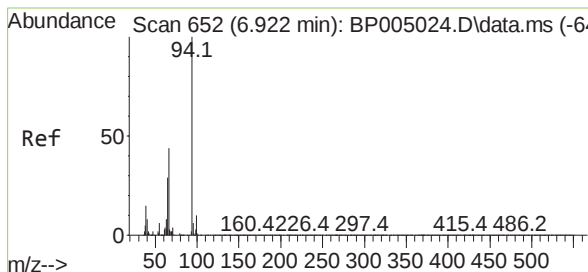
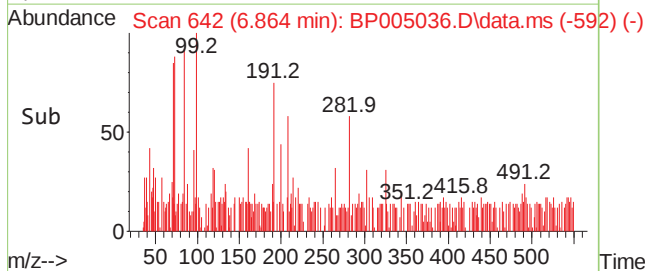
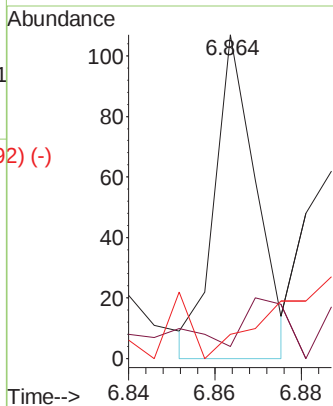
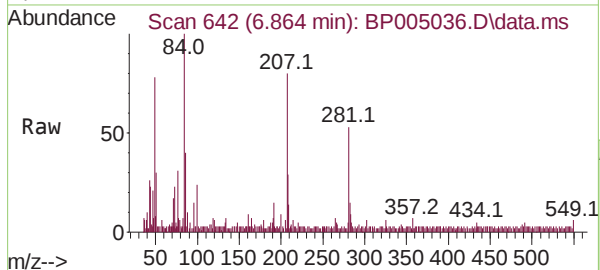




Benzaldehyde
 Concen: Below Cal
 RT: 6.864 min Scan# 642
 Delta R.T. -0.006 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

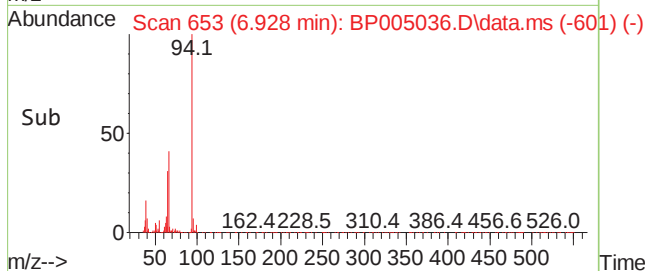
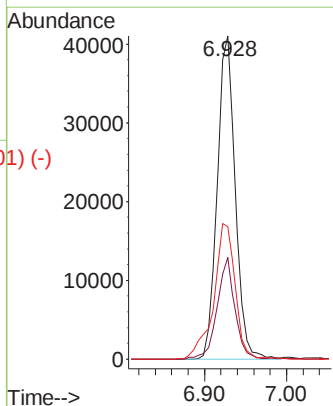
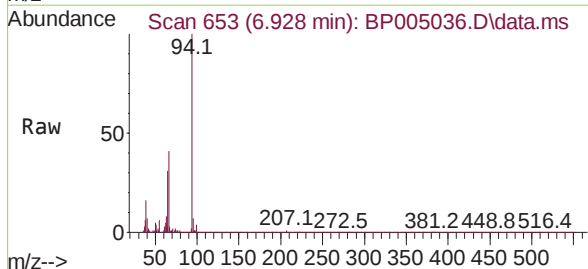
Instrument :
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 ClientSampleId :
 PT-ACIDS-WPDL

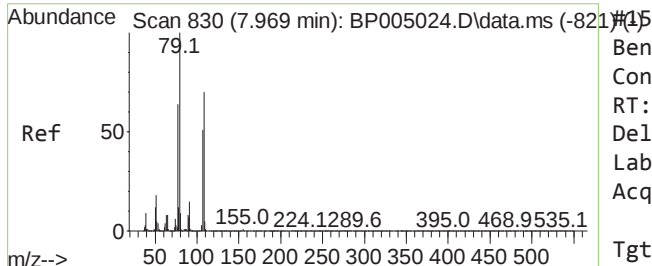
Tgt Ion: 77 Resp: 71
 Ion Ratio Lower Upper
 77 100
 105 11.2 97.1 137.1#
 106 7.5 93.7 133.7#



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

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

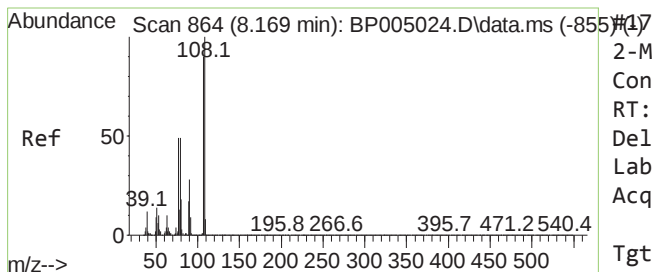
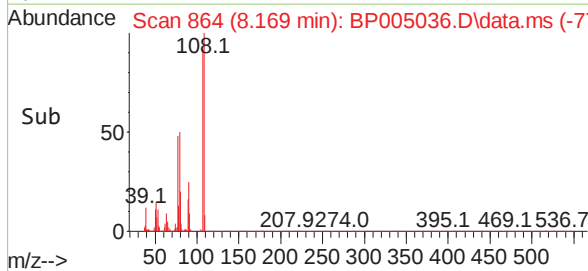
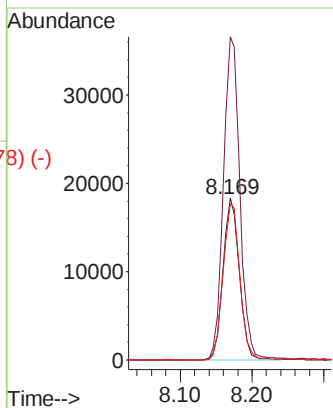
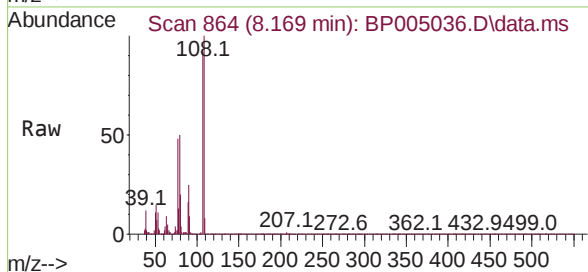




Benzyl Alcohol
 Concen: 14.66 ng
 RT: 8.169 min Scan# 864
 Delta R.T. 0.206 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

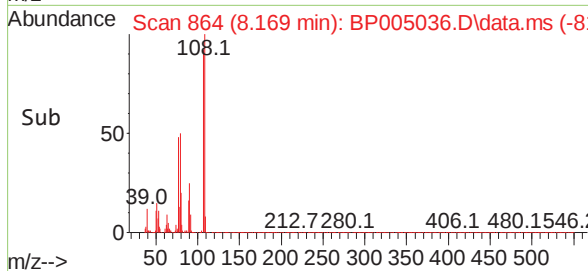
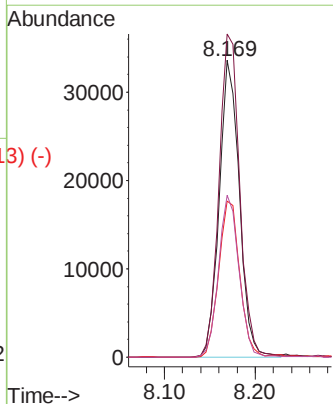
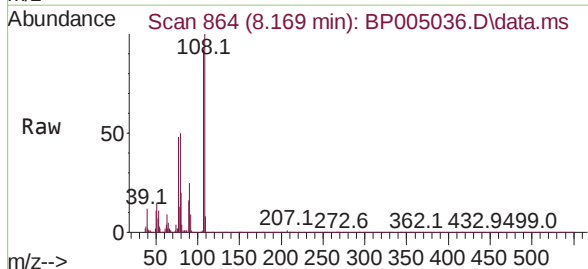
Instrument :
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 ClientSampleId :
 PT-ACIDS-WPDL

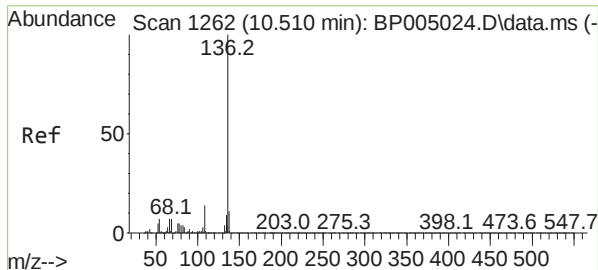
Tgt Ion:	79	Resp:	28736
Ion	Ratio	Lower	Upper
79	100		
108	199.9	73.5	110.3#
77	96.6	50.3	75.5#



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#

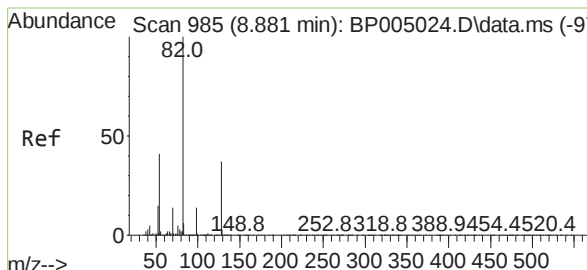
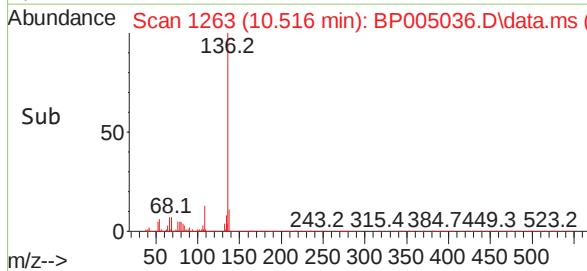
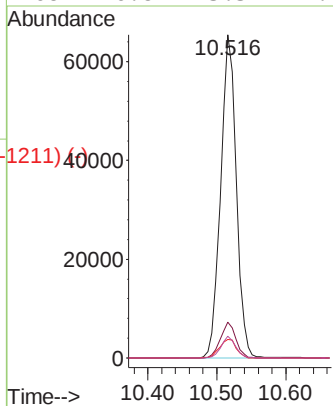
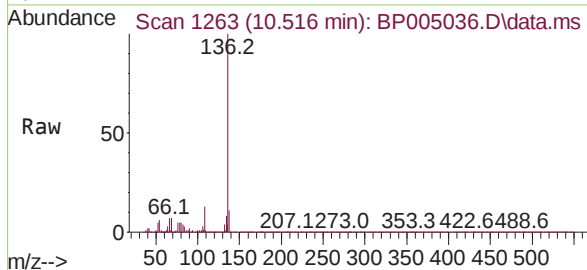




Naphthalene-d8
Concen: 20.00 ng
RT: 10.516 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

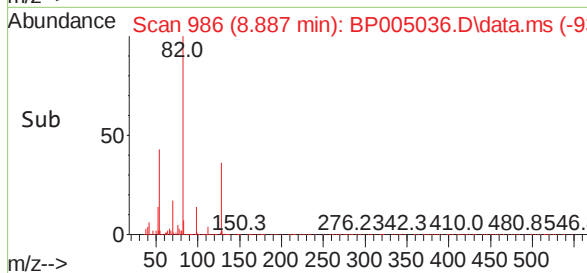
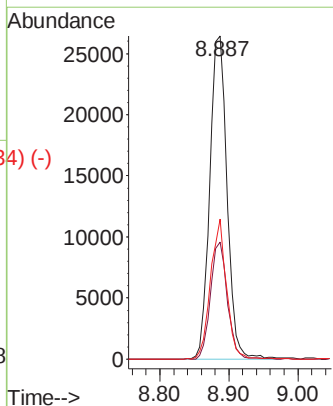
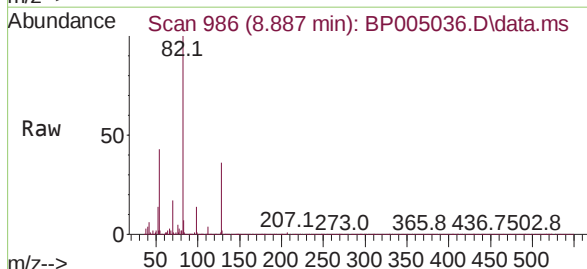
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Tgt Ion:	136	Resp:	103161
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	6.8	3.3	4.9#

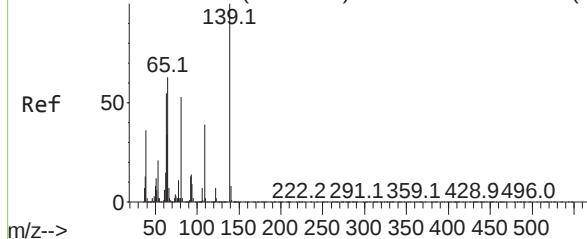


Nitrobenzene-d5
Concen: 19.21 ng
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

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



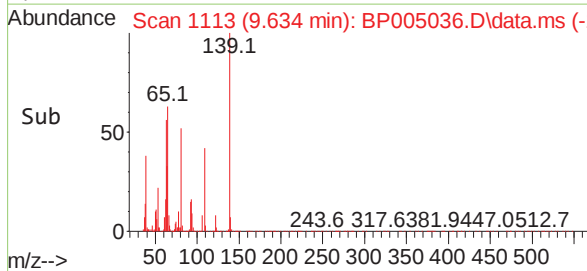
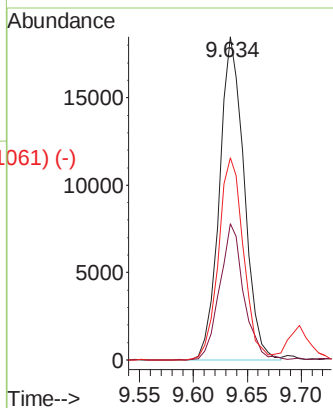
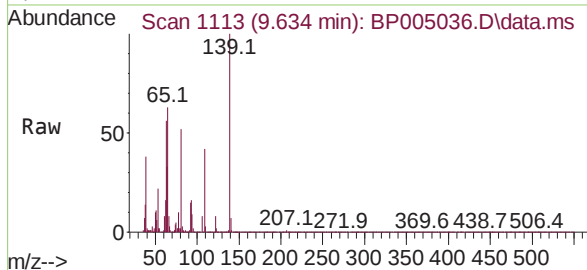
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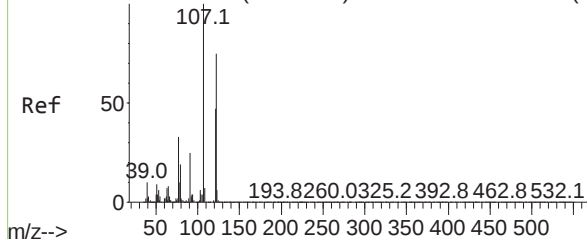
2-Nitrophenol
Concen: 30.22 ng
RT: 9.634 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Instrument :
BNA_P
ClientSampleID :
PT-ACIDS-WPDL

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#

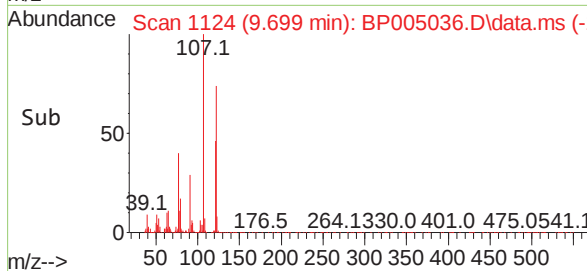
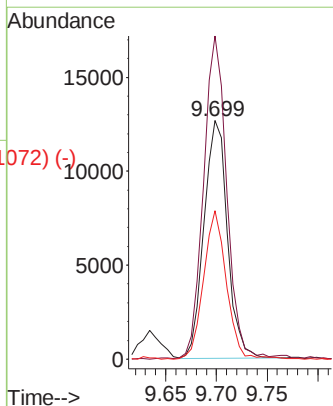
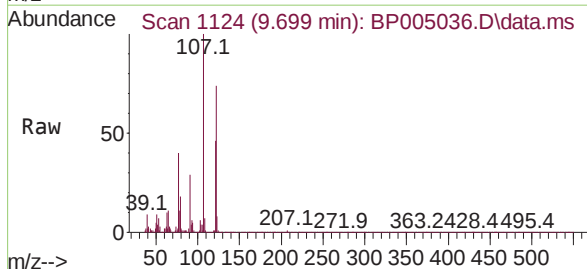


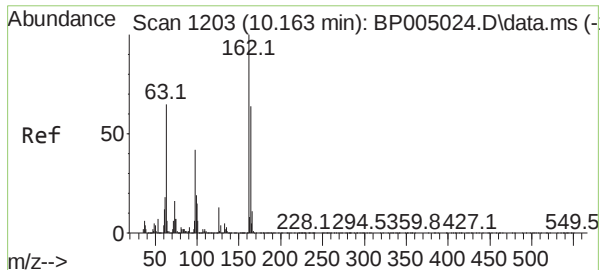
Abundance Scan 1123 (9.693 min): BP005024.D\data.ms (-1127) (-)



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

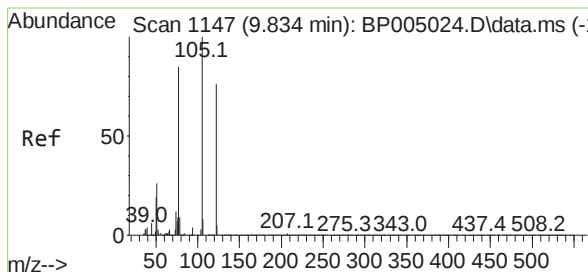
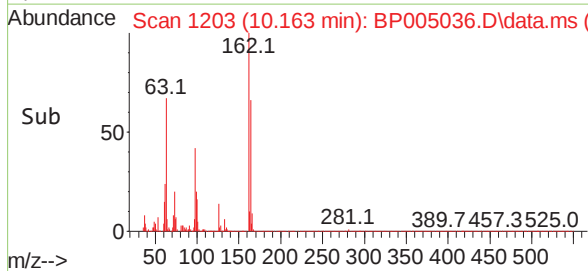
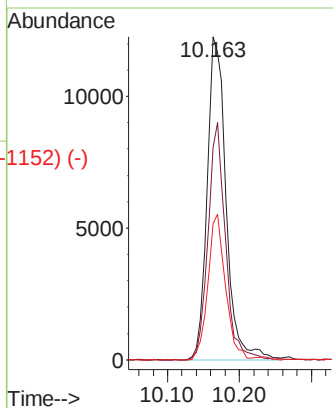
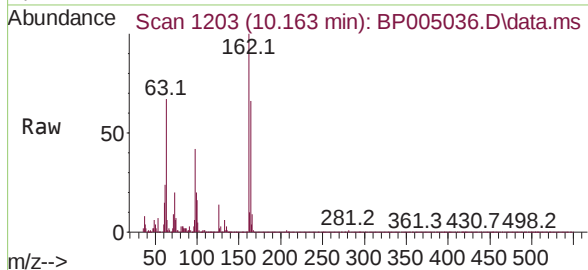




2,4-Dichlorophenol
Concen: 12.69 ng
RT: 10.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

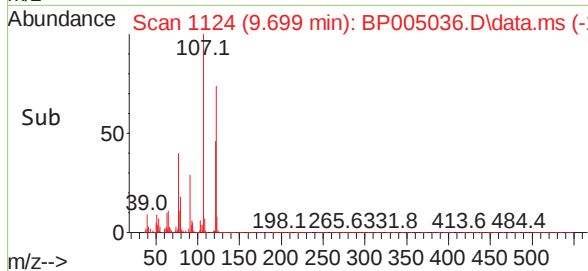
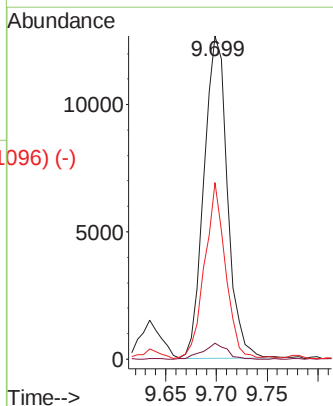
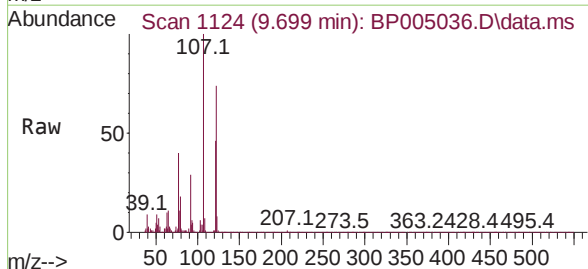
Instrument :
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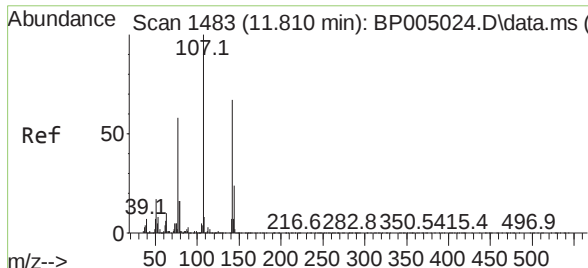
Tgt Ion:	162	Resp:	22439
Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.8	85.8
98	42.2	10.2	50.2



Benzoic acid
Concen: 17.33 ng
RT: 9.699 min Scan# 1124
Delta R.T. -0.135 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	122	Resp:	20336
Ion	Ratio	Lower	Upper
122	100		
105	5.0	94.1	134.1#
77	54.7	50.1	90.1

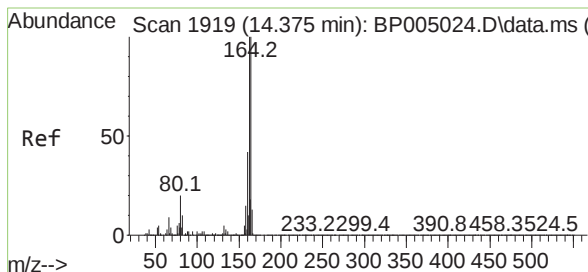
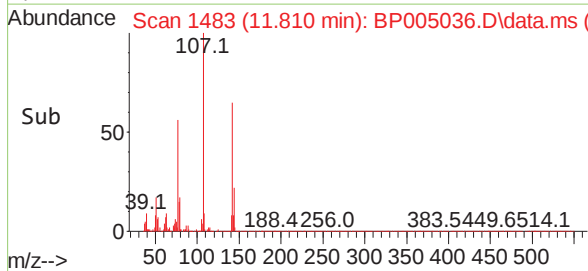
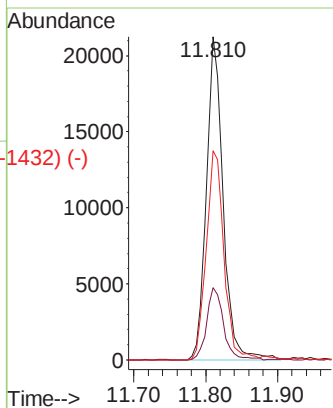
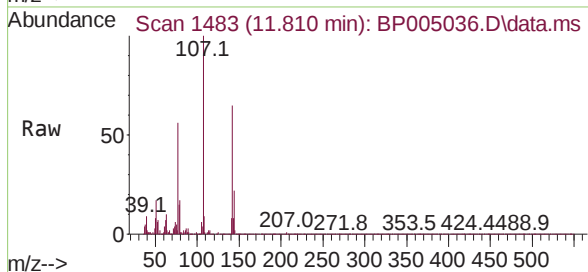




Scan 1483 (11.810 min): BP005024.D\data.ms (-1432) (-)
 4-Chloro-3-methylphenol
 Concen: 16.14 ng
 RT: 11.810 min Scan# 1483
 Delta R.T. -0.000 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

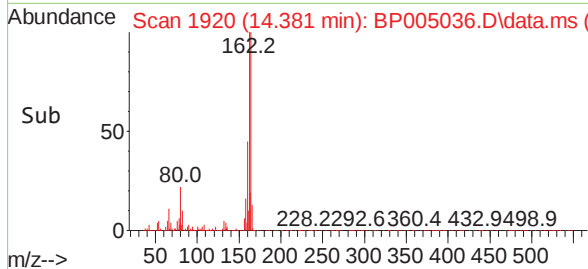
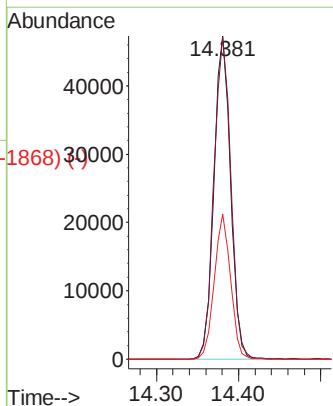
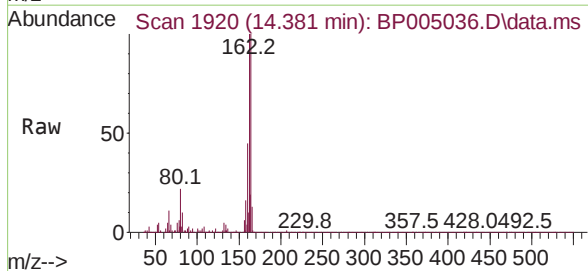
Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

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#



Scan 1919 (14.375 min): BP005024.D\data.ms (-1432) (-)
 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

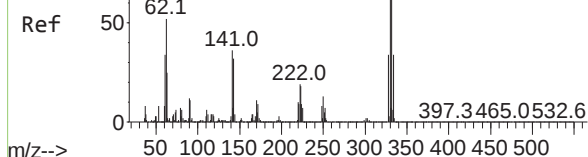
Tgt Ion:	164	Resp:	66923
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.4	119.2
160	45.0	36.1	54.1



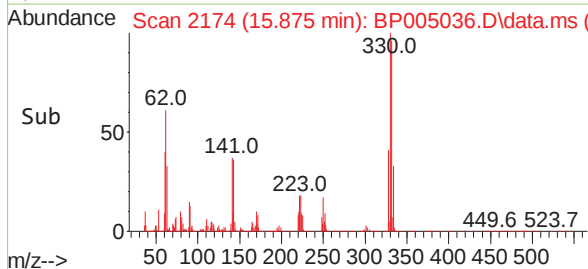
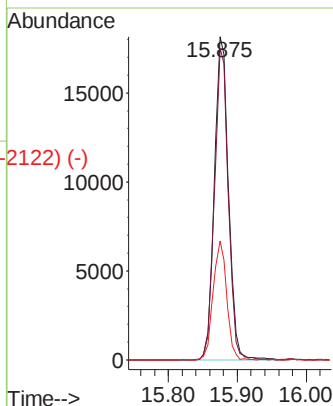
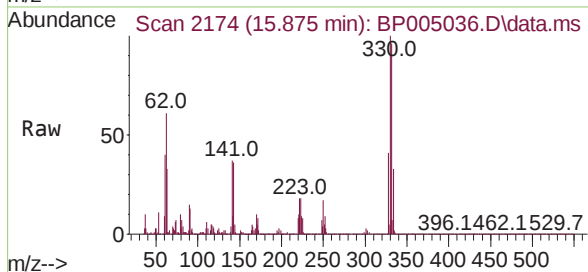
Abundance Scan 2174 (15.875 min): BP005024.D\data.ms (-2162) (-)

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

Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL



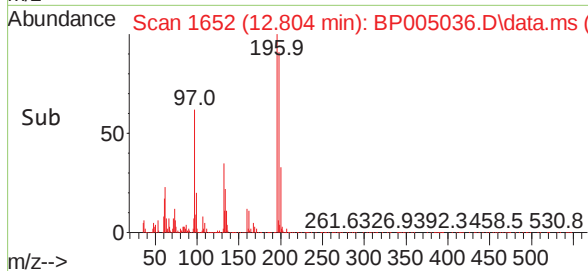
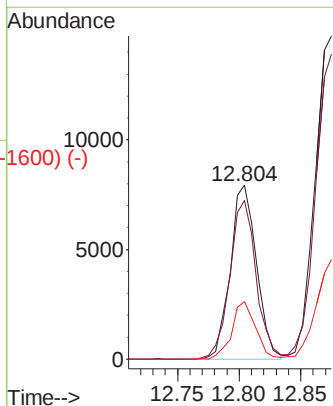
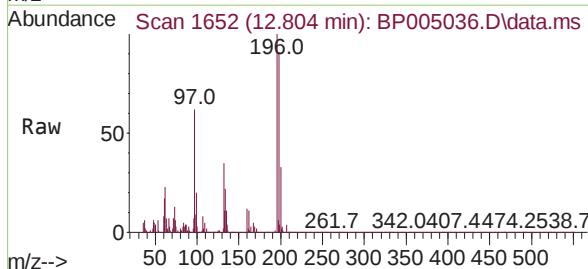
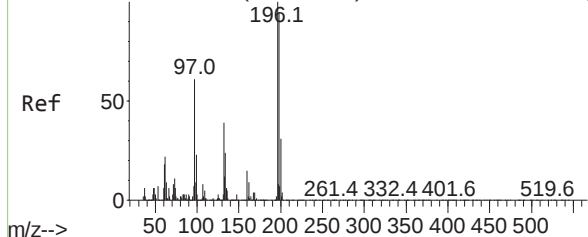
Tgt Ion:	330	Resp:	25809
Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	35.5	23.4	35.2#



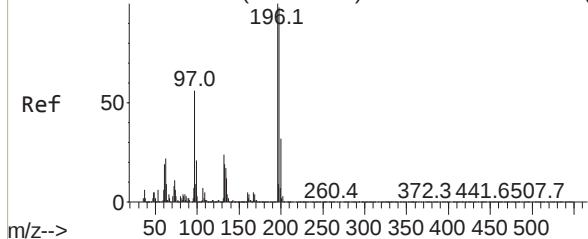
Abundance Scan 1651 (12.798 min): BP005024.D\data.ms (-1643) (-)

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

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



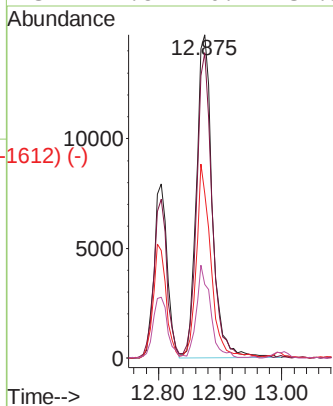
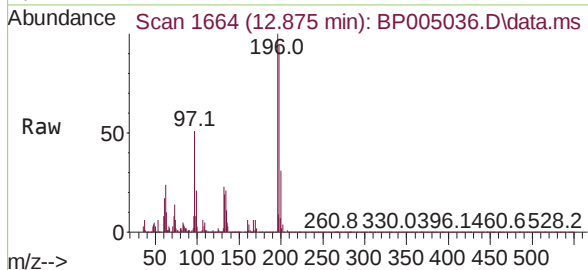
Abundance Scan 1663 (12.869 min): BP005024.D\data.ms (-1634) (-)



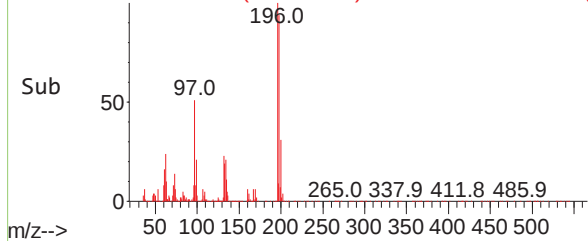
2,4,5-Trichlorophenol
Concen: 16.15 ng
RT: 12.875 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

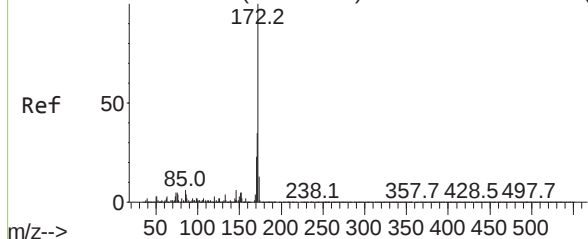
Tgt Ion:196 Resp: 26348
Ion Ratio Lower Upper
196 100
198 94.4 77.3 115.9
97 50.9 31.0 46.4#
132 22.8 20.9 31.3



Abundance Scan 1664 (12.875 min): BP005036.D\data.ms (-1612) (-)

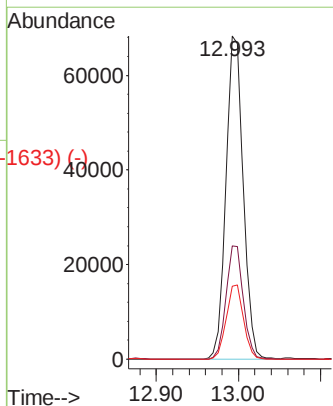
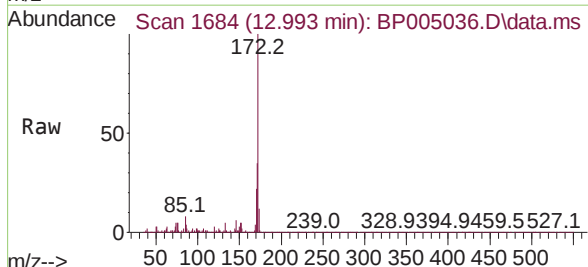


Abundance Scan 1684 (12.993 min): BP005024.D\data.ms (-1675) (-)

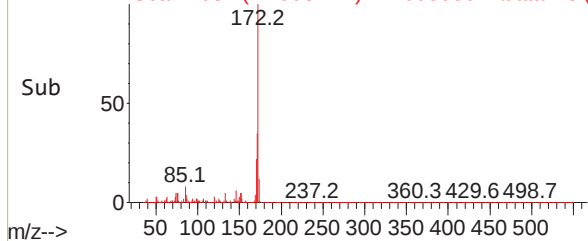


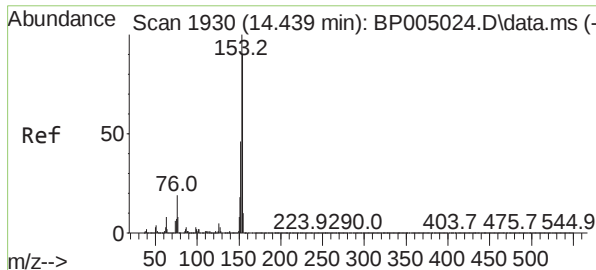
2-Fluorobiphenyl
Concen: 20.18 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

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



Abundance Scan 1684 (12.993 min): BP005036.D\data.ms (-1633) (-)

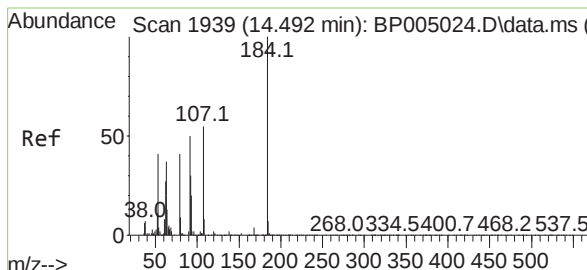
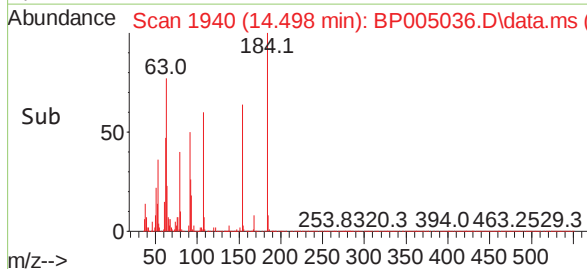
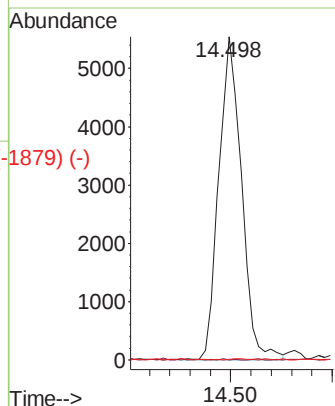
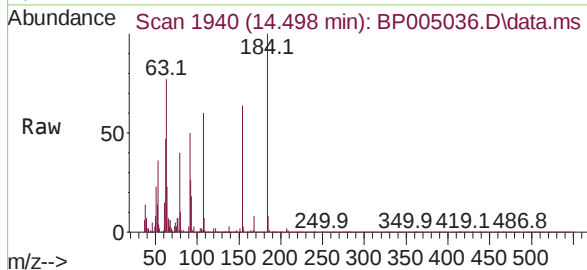




Acenaphthene
Concen: 2.18 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.059 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

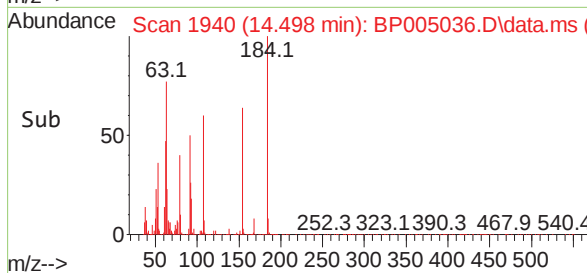
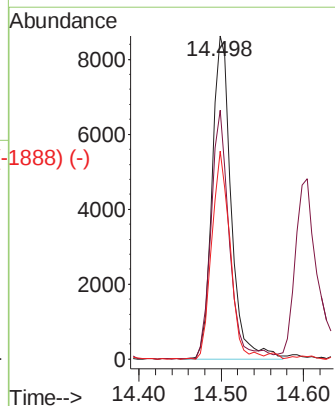
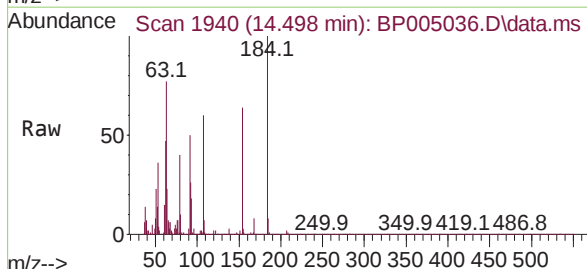
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

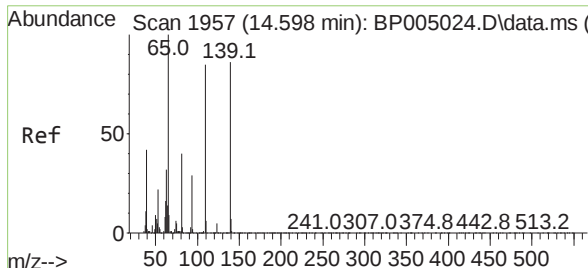
Tgt Ion:	154	Resp:	8650
Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.0	136.6#
152	0.2	43.0	64.6#



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

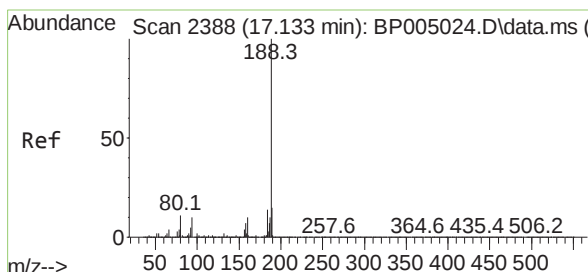
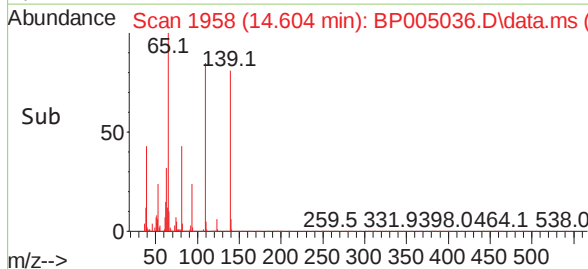
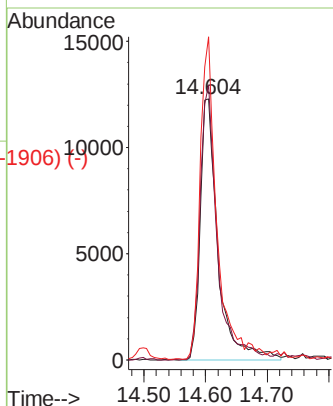
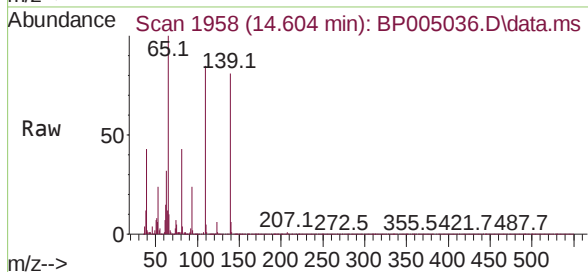




4-Nitrophenol
Concen: 26.76 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

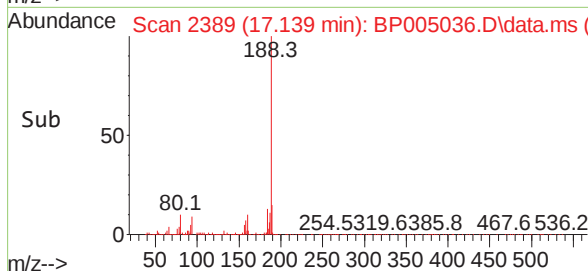
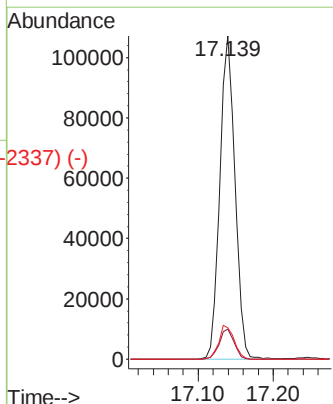
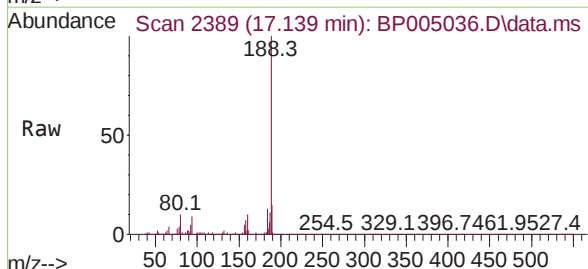
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

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#

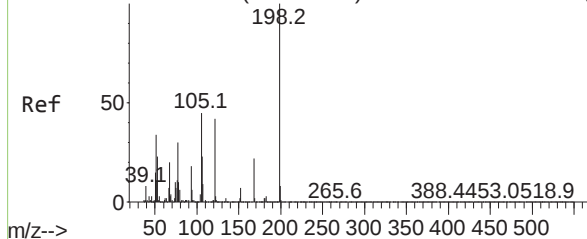


Phenanthrene-d10
Concen: 20.00 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

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#



Abundance Scan 2112 (15.510 min): BP005024.D\data.ms (-2165) (-)

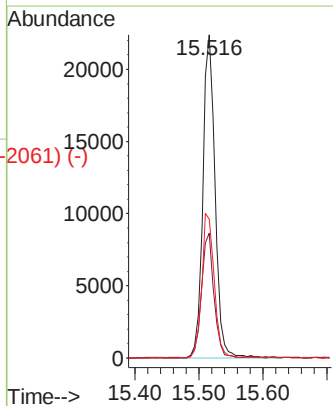
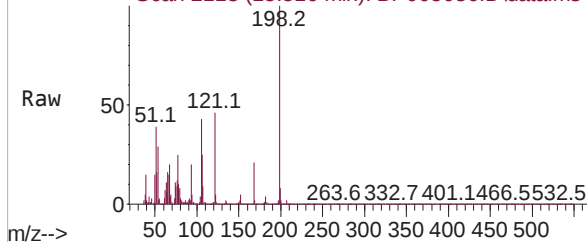


4,6-Dinitro-2-methylphenol
Concen: 27.50 ng
RT: 15.516 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

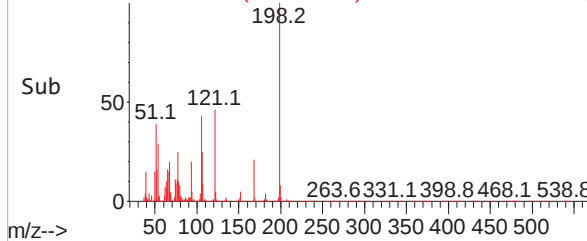
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

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

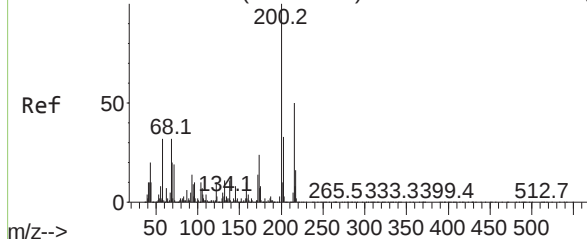
Abundance Scan 2113 (15.516 min): BP005036.D\data.ms



Abundance Scan 2113 (15.516 min): BP005036.D\data.ms (-2061) (-)



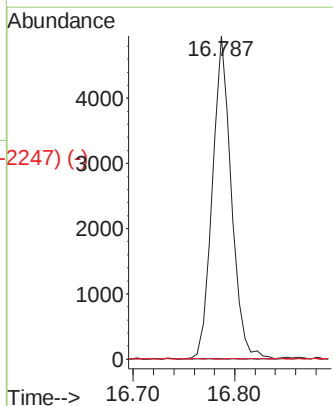
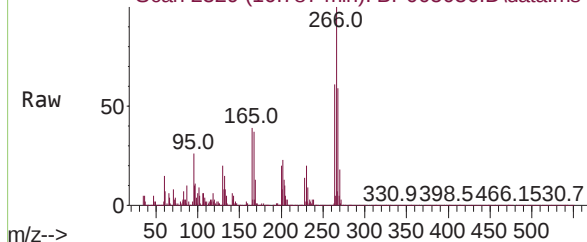
Abundance Scan 2298 (16.604 min): BP005024.D\data.ms (-2165) (-)



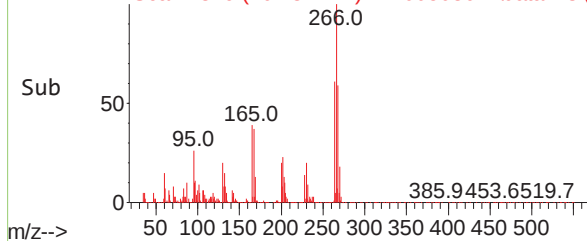
Atrazine
Concen: 4.04 ng
RT: 16.787 min Scan# 2329
Delta R.T. 0.182 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Tgt Ion:	200	Resp:	6432
Ion	Ratio	Lower	Upper
200	100		
173	0.1	5.9	45.9#
215	0.0	28.4	68.4#

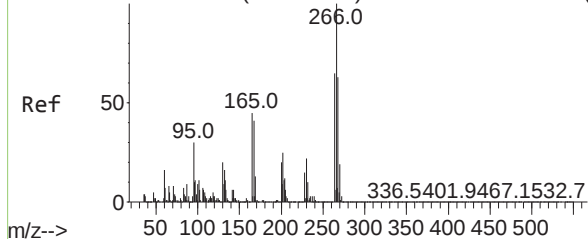
Abundance Scan 2329 (16.787 min): BP005036.D\data.ms



Abundance Scan 2329 (16.787 min): BP005036.D\data.ms (-2247) (-)



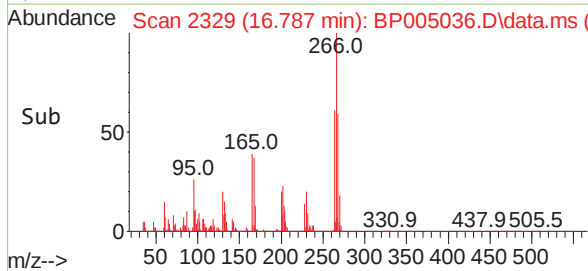
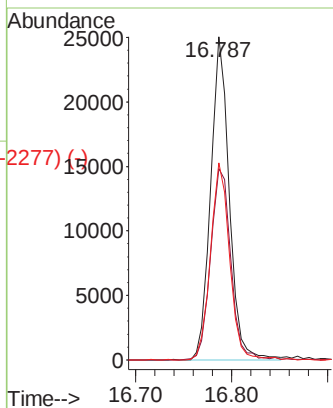
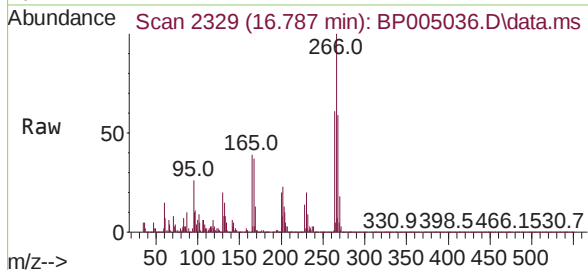
Abundance Scan 2328 (16.781 min): BP005024.D\data.ms (-2319) (-)



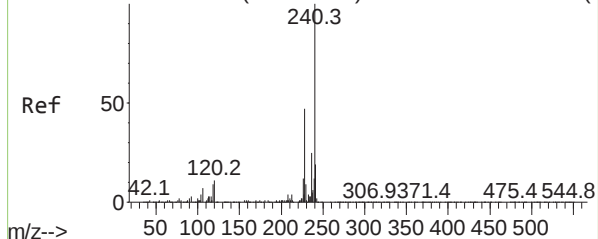
Pentachlorophenol
Concen: 26.08 ng
RT: 16.787 min Scan# 2329
Delta R.T. 0.006 min
Lab File: BP005036.D
Acq: 24 Mar 2021 16:24

Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

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

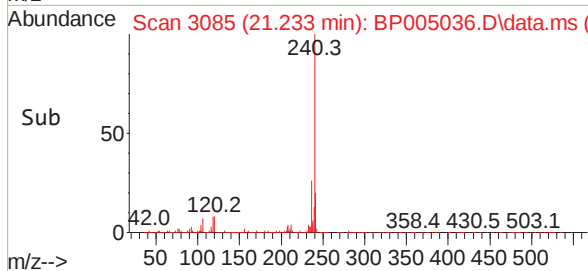
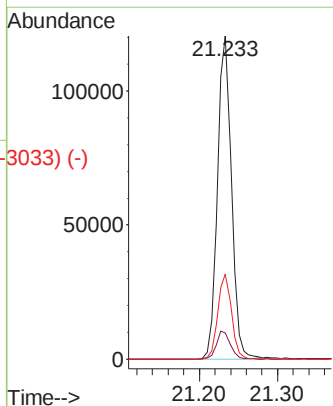
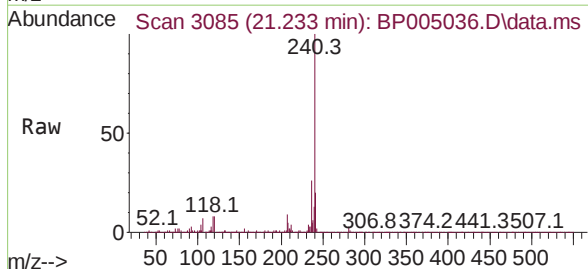


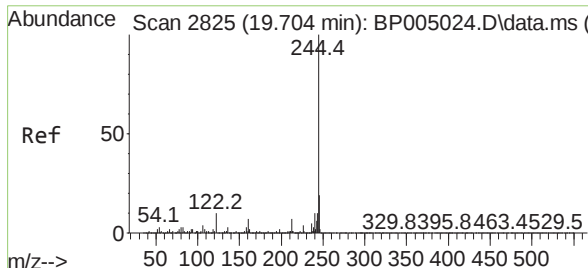
Abundance Scan 3084 (21.227 min): BP005024.D\data.ms (-3075) (-)



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

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

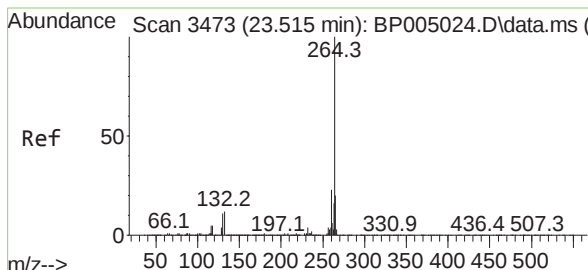
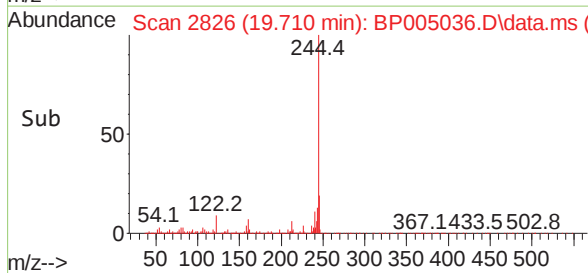
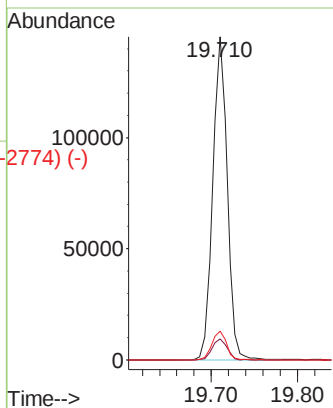
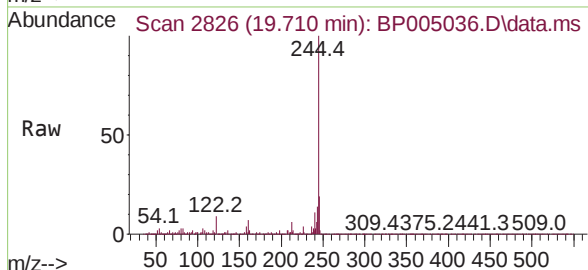




Terphenyl-d14
 Concen: 20.67 ng
 RT: 19.710 min Scan# 2826
 Delta R.T. 0.006 min
 Lab File: BP005036.D
 Acq: 24 Mar 2021 16:24

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

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



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

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

