

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005395.D
 Acq On : 23 Apr 2021 15:58
 Operator : CG/JU
 Sample : M2150-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP-20

Quant Time: Apr 23 16:34:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

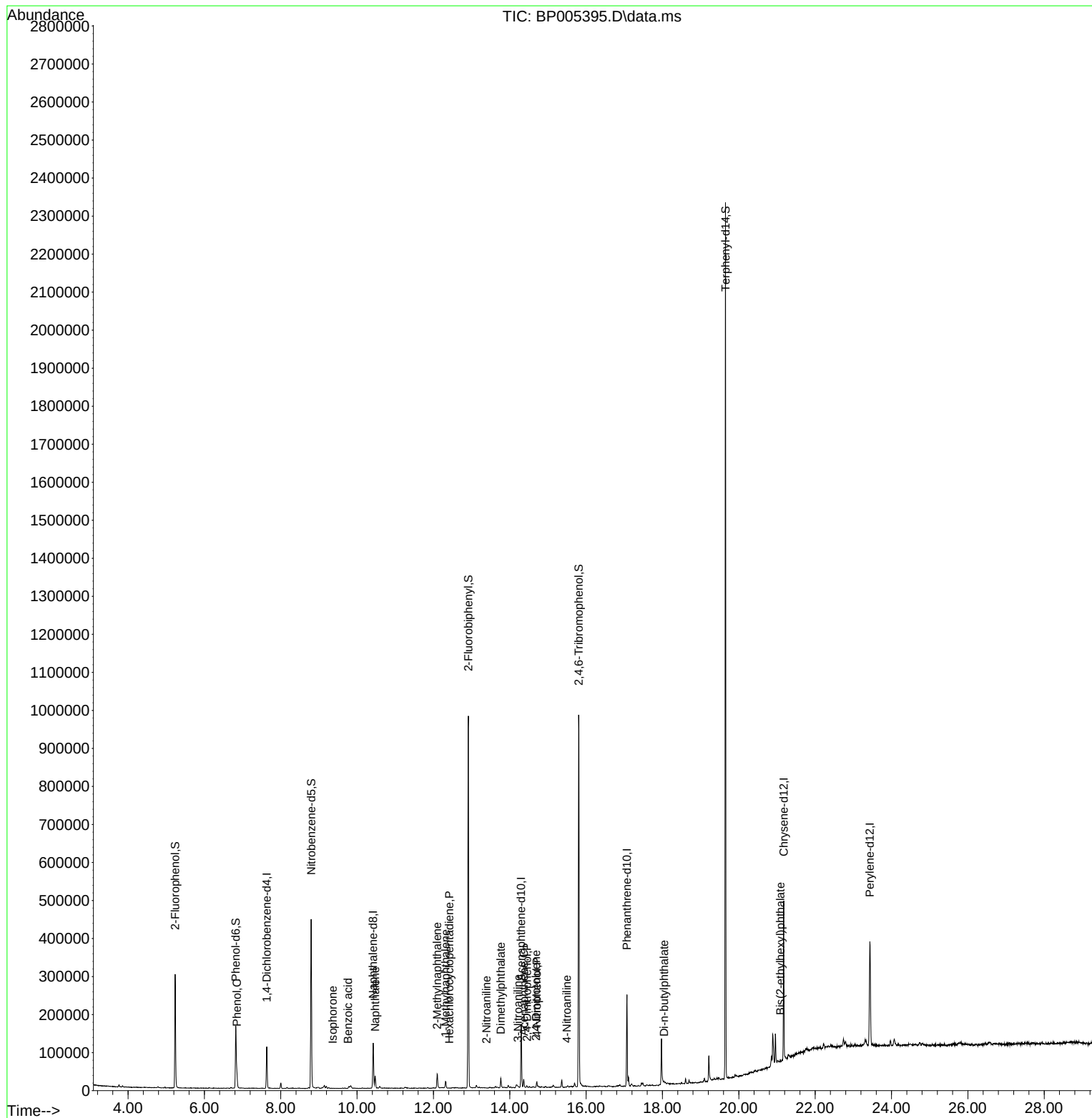
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	19388	20.00	ng	-0.01
21) Naphthalene-d8	10.422	136	68222	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	46361	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	117515	20.00	ng	0.00
76) Chrysene-d12	21.175	240	173695	20.00	ng	0.00
86) Perylene-d12	23.433	264	195813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	83517	74.83	ng	-0.01
7) Phenol-d6	6.822	99	64973	42.25	ng	-0.01
23) Nitrobenzene-d5	8.799	82	234809	149.70	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	137193	154.70	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	391887	109.42	ng	0.00
79) Terphenyl-d14	19.651	244	806799	86.07	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	14495	9.45	ng	# 57
25) Isophorone	9.363	82	158	3.00	ng	# 76
31) Naphthalene	10.475	128	17609	4.89	ng	99
32) Benzoic acid	9.763	122	49	7.80	ng	# 1
37) 2-Methylnaphthalene	12.099	142	11525	4.37	ng	95
38) 1-Methylnaphthalene	12.316	142	6367	2.53	ng	86
41) Hexachlorocyclopentadiene	12.416	237	11	6.97	ng	84
48) 2-Nitroaniline	13.387	65	61	5.50	ng	# 24
50) Dimethylphthalate	13.763	163	11472	3.41	ng	# 95
52) Acenaphthene	14.369	154	6033	2.43	ng	92
53) 3-Nitroaniline	14.216	138	13	2.67	ng	# 29
54) 2,4-Dinitrophenol	14.451	184	6	7.53	ng	# 1
56) 4-Nitrophenol	14.710	139	3278	10.84	ng	# 1
57) 2,4-Dinitrotoluene	14.693	165	28	3.13	ng	# 1
62) 4-Nitroaniline	15.493	138	49	3.88	ng	88
74) Di-n-butylphthalate	18.045	149	2439	4.33	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.086	149	2506	3.58	ng	# 84

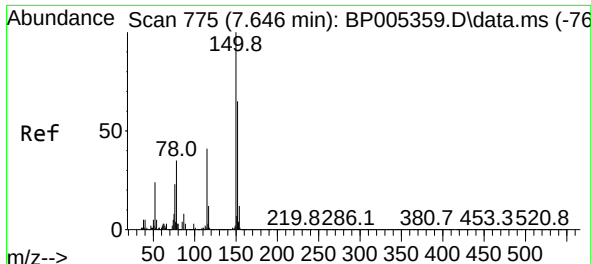
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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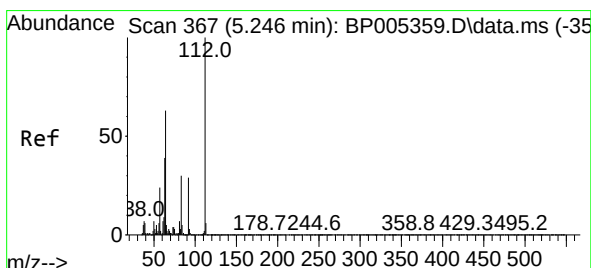
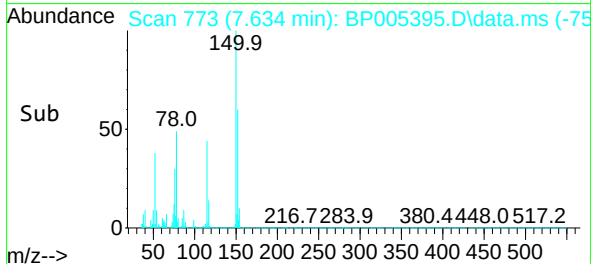
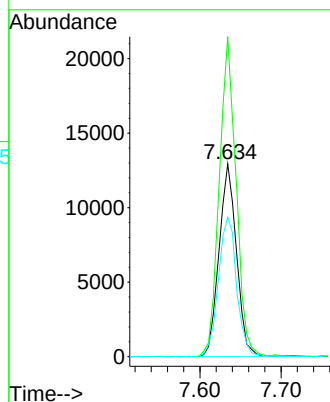
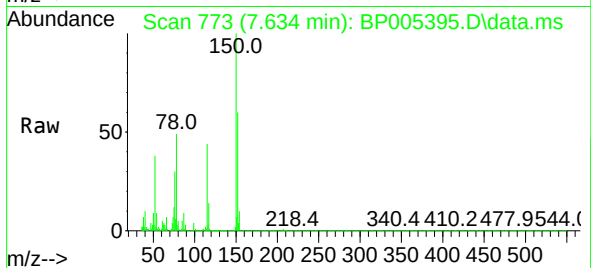




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

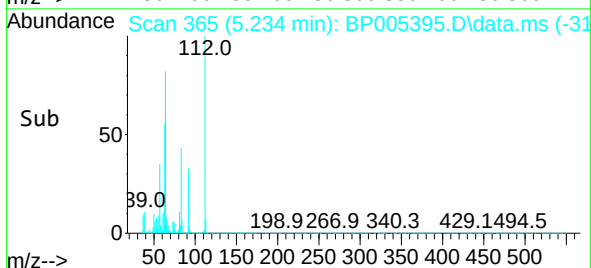
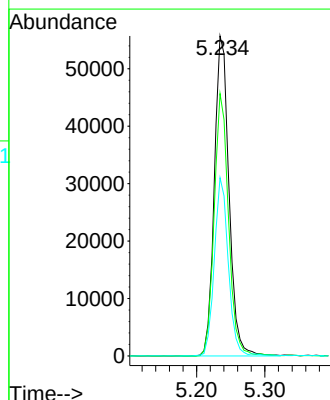
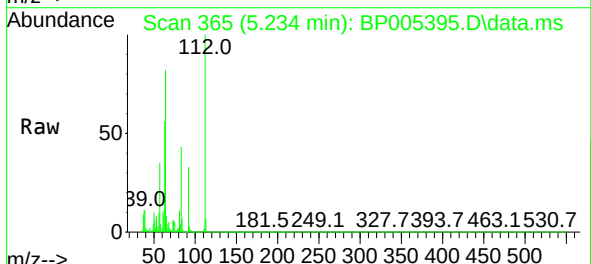
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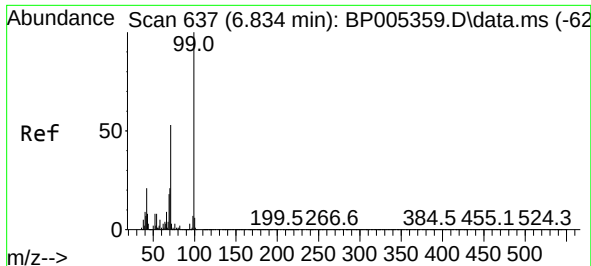
Tgt Ion:152 Resp: 19388
Ion Ratio Lower Upper
152 100
150 166.0 119.8 179.8
115 72.4 49.0 73.4



#5
2-Fluorophenol
Concen: 74.83 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:112 Resp: 83517
Ion Ratio Lower Upper
112 100
64 82.0 33.6 50.4#
63 55.7 18.6 27.8#

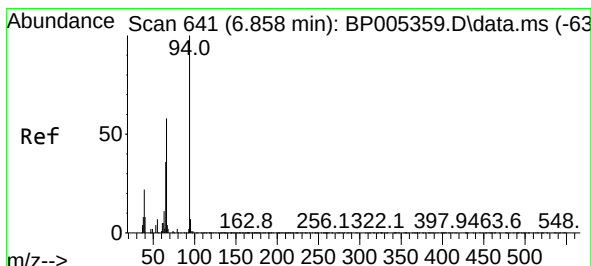
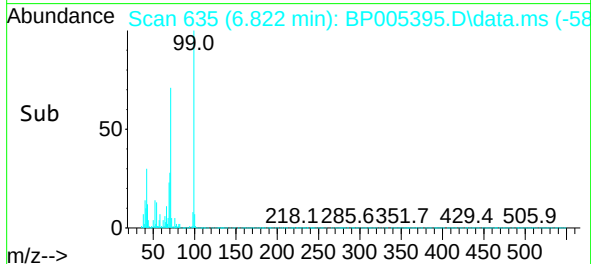
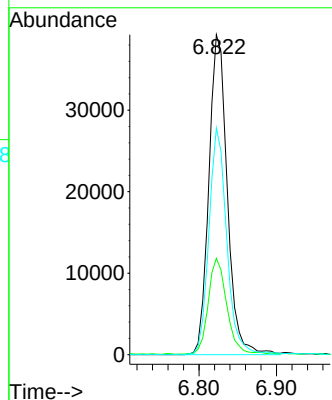
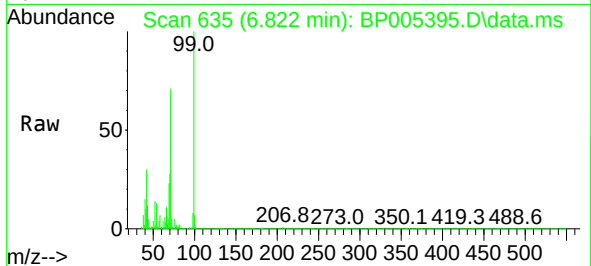




#7
Phenol-d6
Concen: 42.25 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

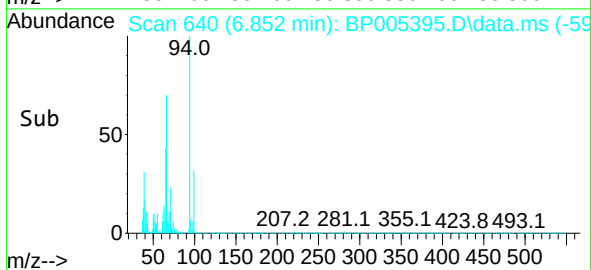
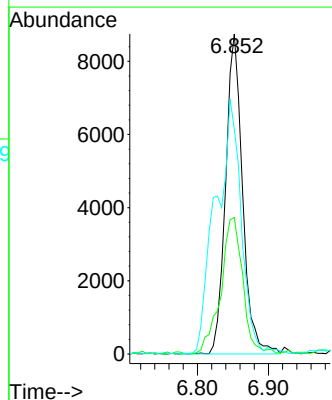
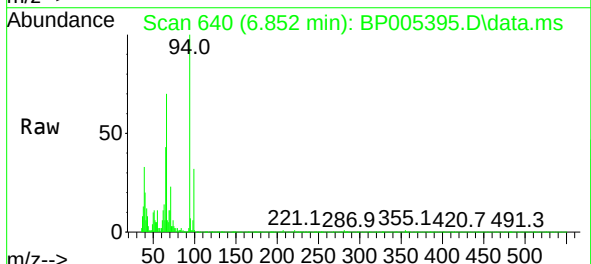
Instrument :
BNA_P
ClientSampleId :
TWP-20

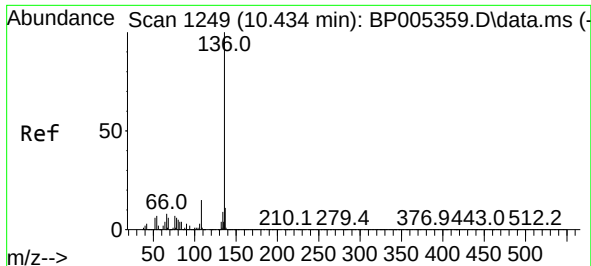
Tgt Ion: 99 Resp: 64973
Ion Ratio Lower Upper
99 100
42 30.1 12.9 19.3#
71 70.8 26.7 40.1#



#10
Phenol
Concen: 9.45 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 94 Resp: 14495
Ion Ratio Lower Upper
94 100
65 42.6 8.0 48.0
66 70.3 17.3 57.3#

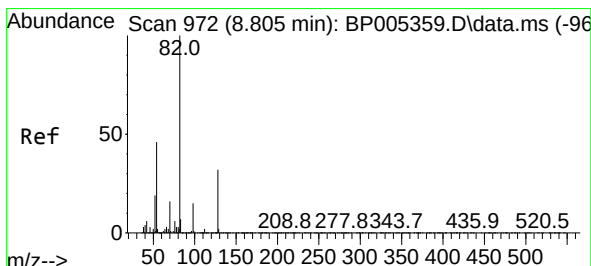
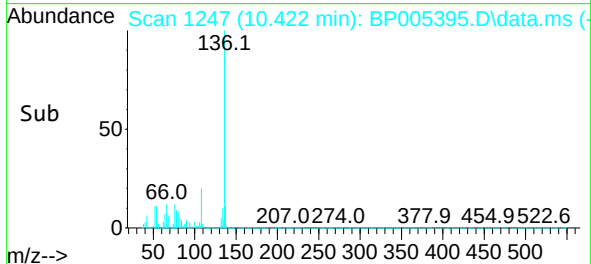
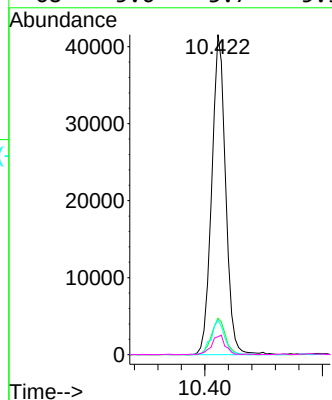
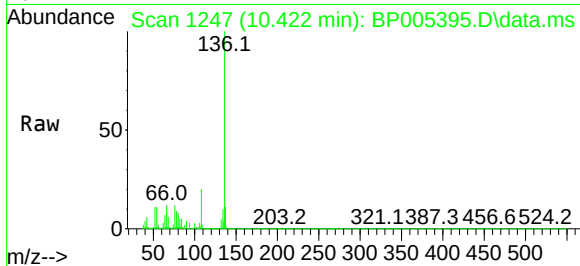




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

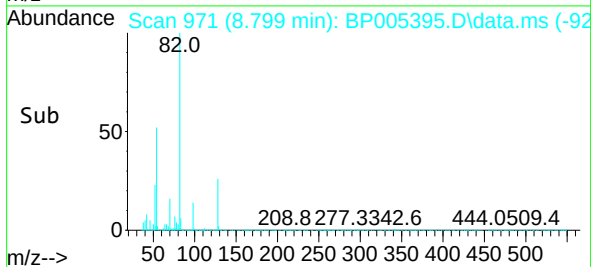
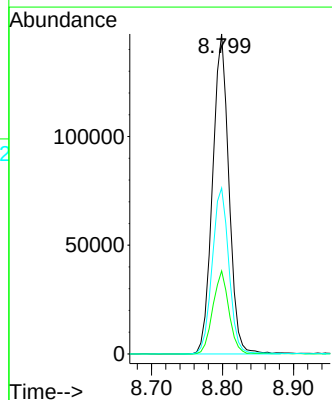
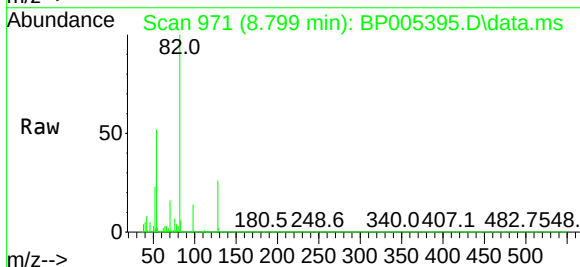
Instrument :
BNA_P
ClientSampleId :
TWP-20

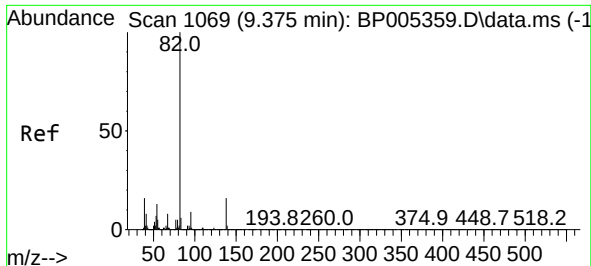
Tgt Ion:	136	Resp:	68222
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.8	5.0	7.4#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 149.70 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:	82	Resp:	234809
Ion	Ratio	Lower	Upper
82	100		
128	26.0	30.5	45.7#
54	51.9	33.9	50.9#

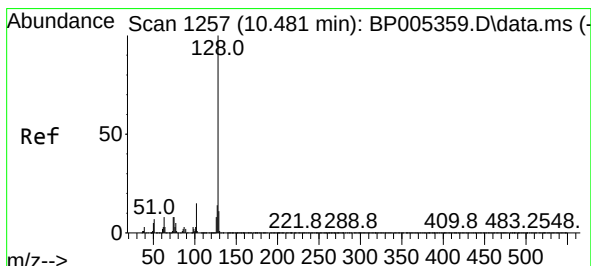
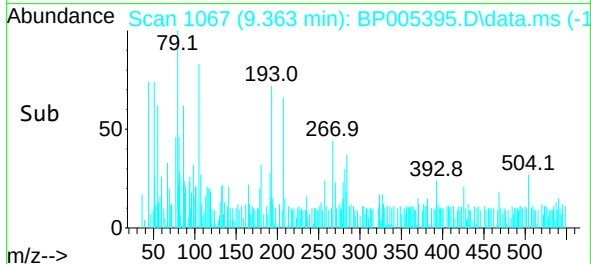
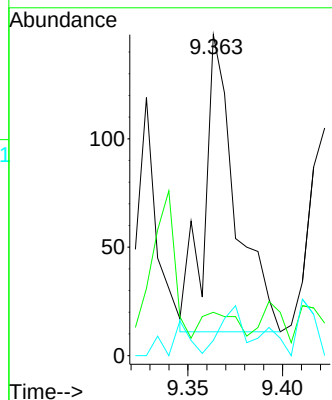
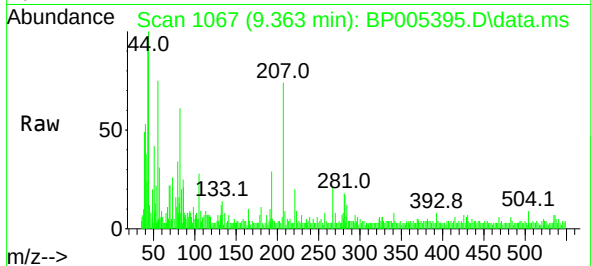




#25
Isophorone
Concen: 3.00 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

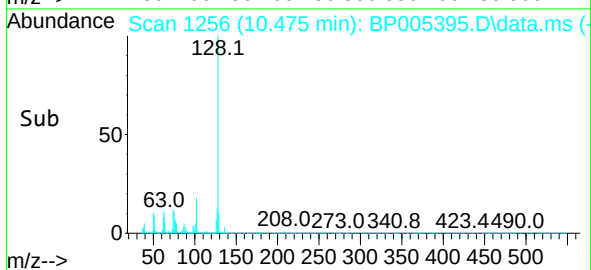
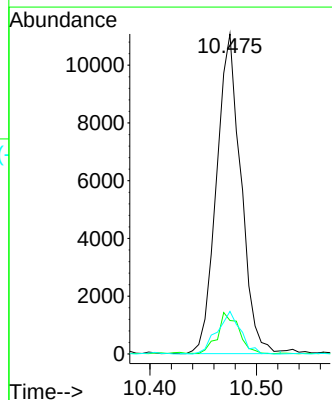
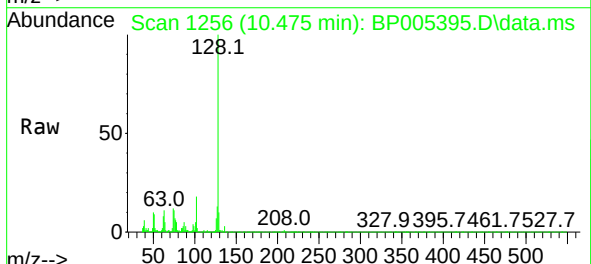
Instrument :
BNA_P
ClientSampleId :
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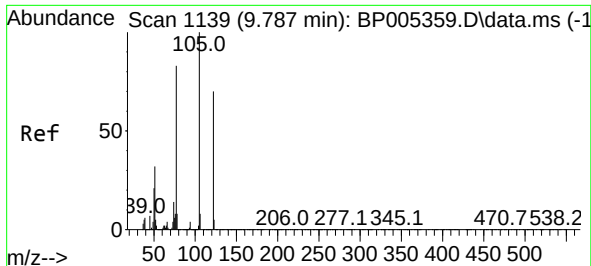
Tgt Ion: 82 Resp: 158
Ion Ratio Lower Upper
82 100
95 13.5 7.5 11.3#
138 4.7 14.6 22.0#



#31
Naphthalene
Concen: 4.89 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 128 Resp: 17609
Ion Ratio Lower Upper
128 100
129 10.4 8.0 12.0
127 13.3 11.1 16.7

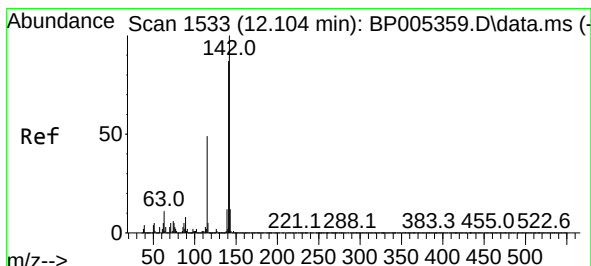
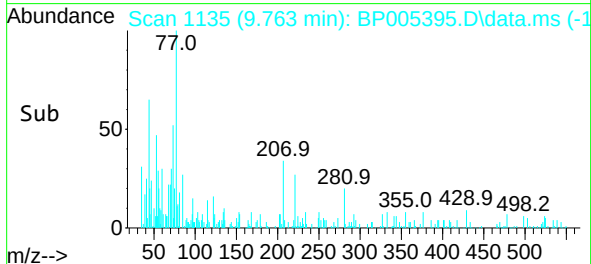
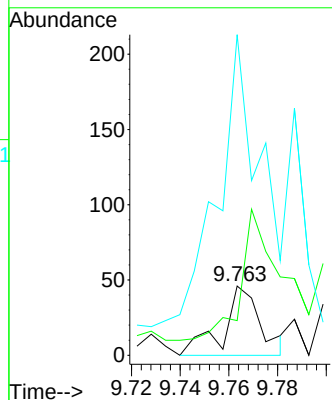
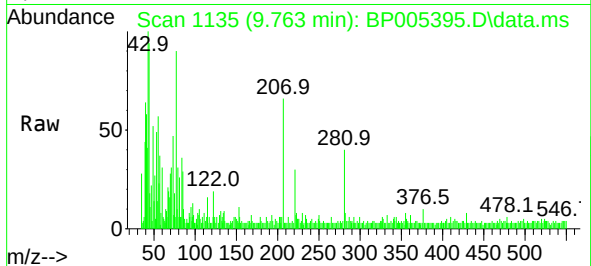




#32
Benzoic acid
Concen: 7.80 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.024 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

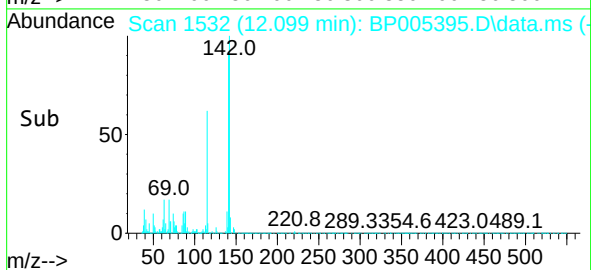
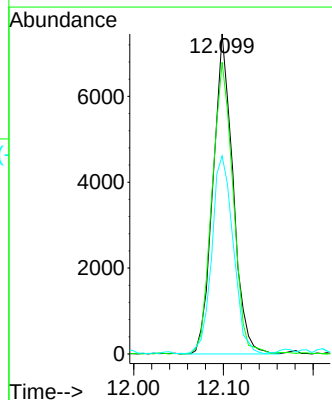
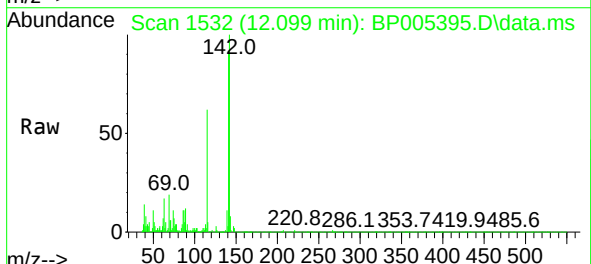
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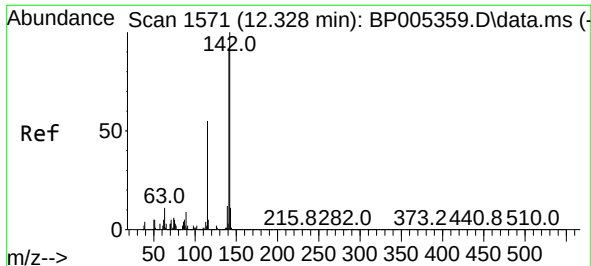
Tgt Ion:122 Resp: 49
Ion Ratio Lower Upper
122 100
105 50.0 105.1 145.1#
77 463.0 69.6 109.6#



#37
2-Methylnaphthalene
Concen: 4.37 ng
RT: 12.099 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:142 Resp: 11525
Ion Ratio Lower Upper
142 100
141 91.2 74.7 112.1
115 61.9 43.8 65.8

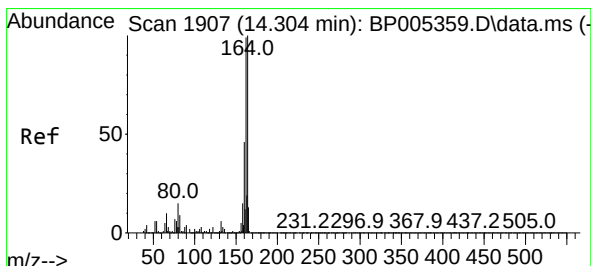
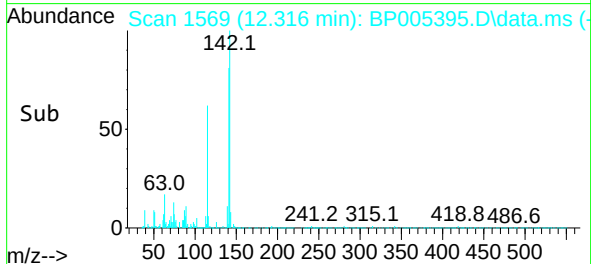
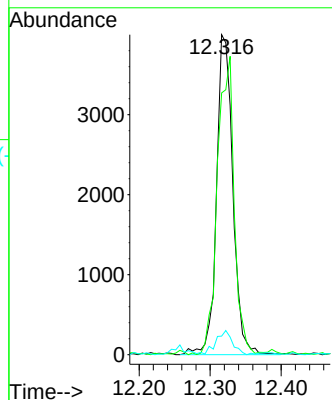
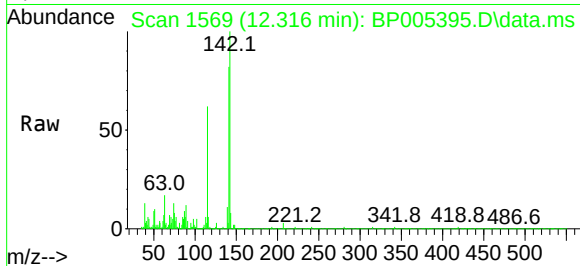




#38
1-Methylnaphthalene
Concen: 2.53 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

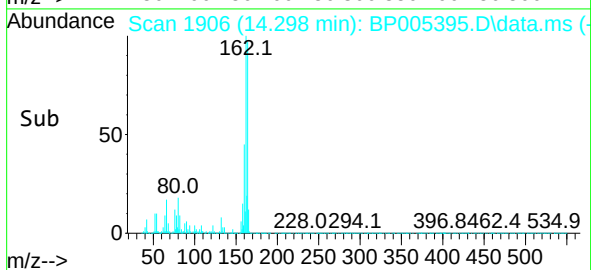
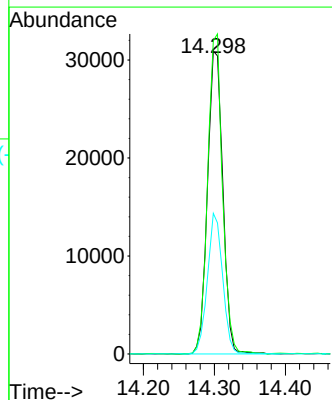
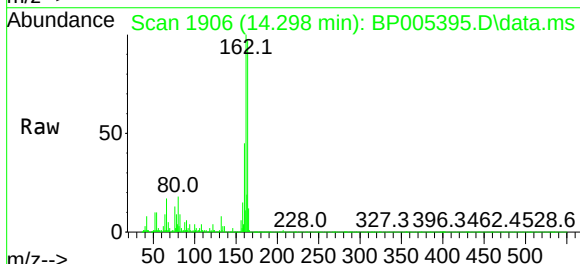
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BNA_P
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TWP-20

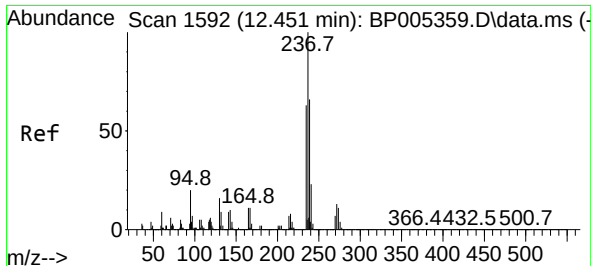
Tgt Ion:142	Resp:	6367
Ion Ratio	Lower	Upper
142	100	
141	81.8	77.0 115.6
116	5.8	5.0 7.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:164	Resp:	46361
Ion Ratio	Lower	Upper
164	100	
162	103.4	73.5 110.3
160	46.4	40.6 61.0

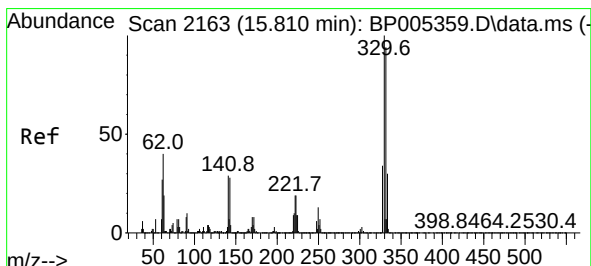
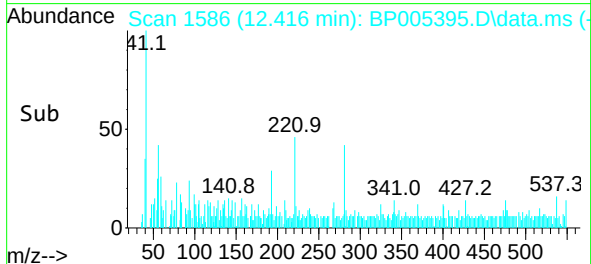
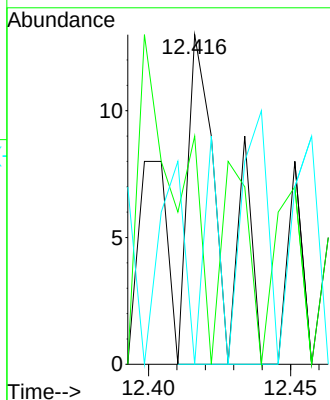
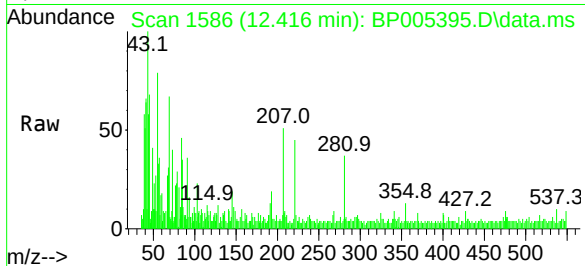




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.035 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

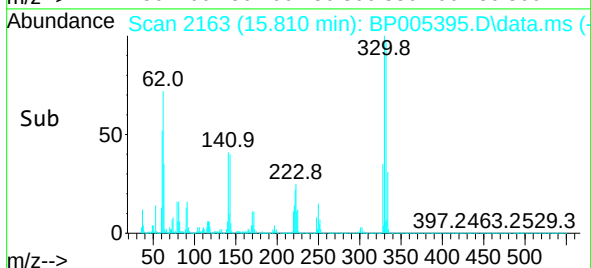
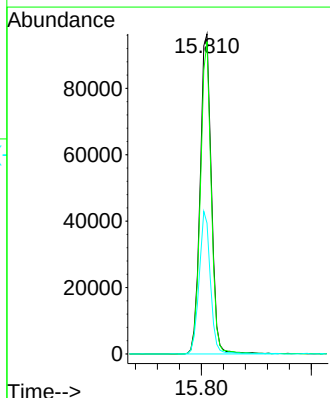
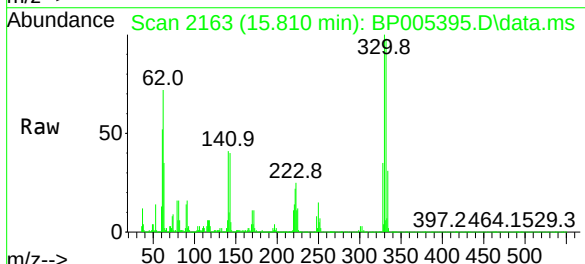
Instrument :
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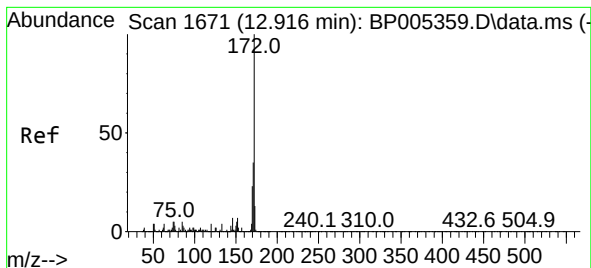
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	69.2	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 154.70 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:	330	Resp:	137193
Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.3	114.5
141	44.2	22.8	34.2#

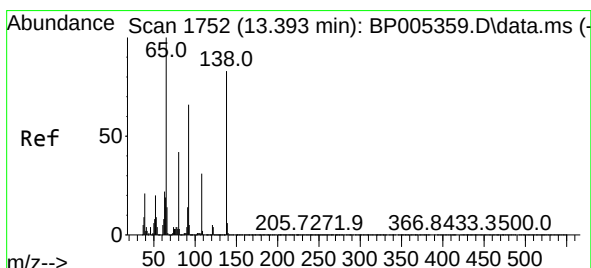
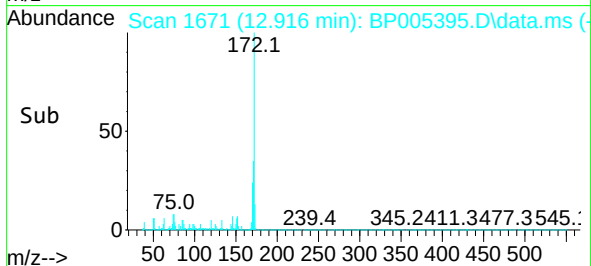
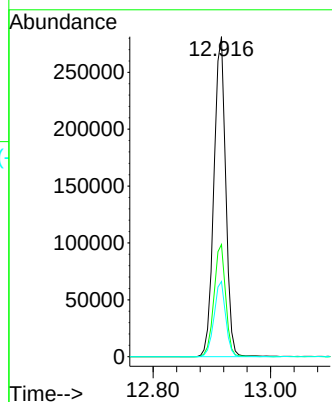
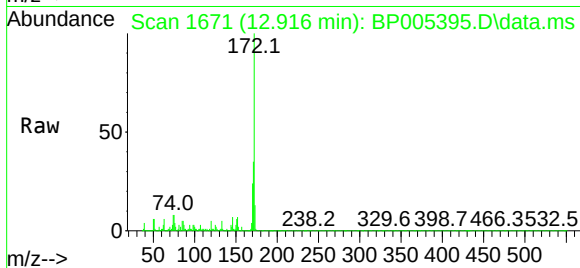




#45
2-Fluorobiphenyl
Concen: 109.42 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

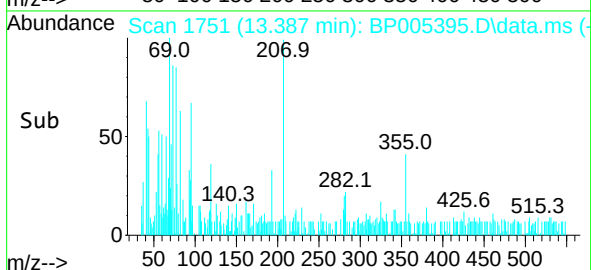
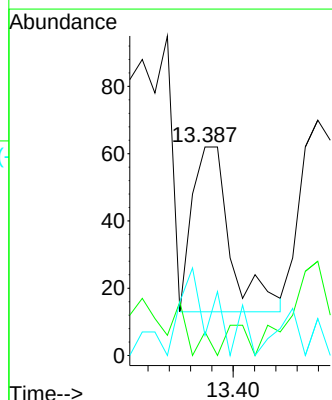
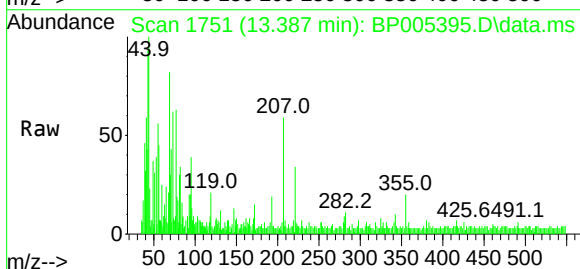
Instrument :
BNA_P
ClientSampleId :
TWP-20

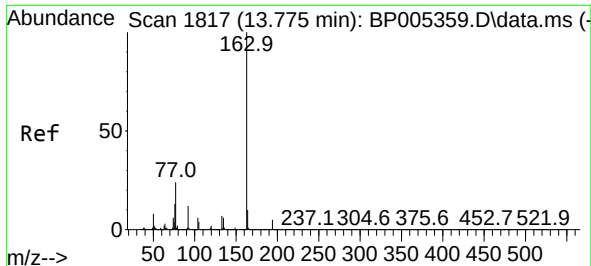
Tgt Ion:	172	Resp:	391887
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.5	19.6	29.4



#48
2-Nitroaniline
Concen: 5.50 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:	65	Resp:	61
Ion	Ratio	Lower	Upper
65	100		
92	11.3	48.8	73.2#
138	9.7	69.5	104.3#

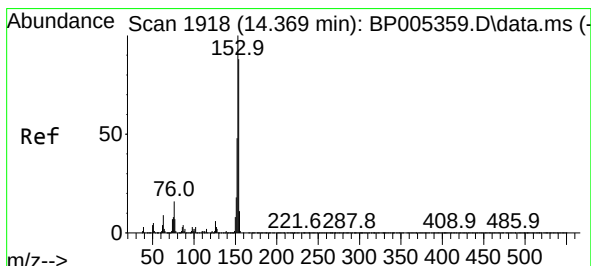
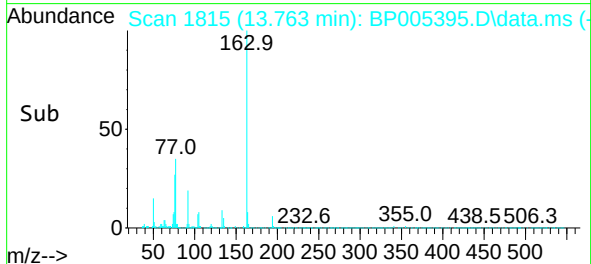
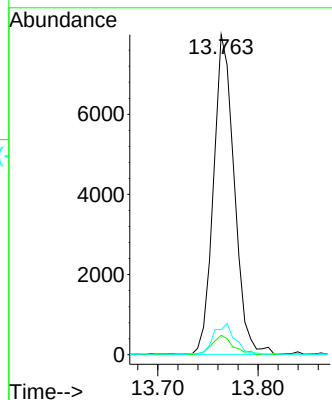
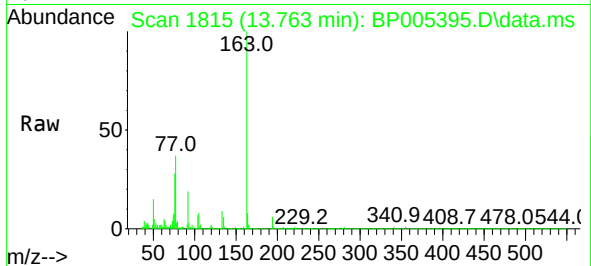




#50
Dimethylphthalate
Concen: 3.41 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

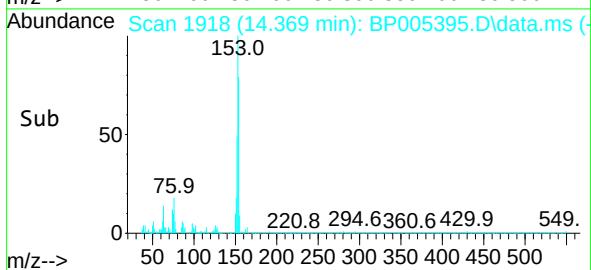
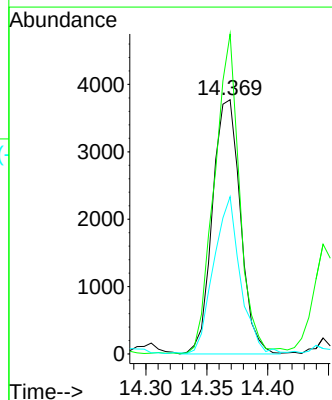
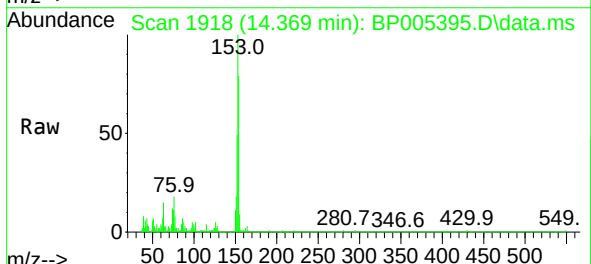
Instrument :
BNA_P
ClientSampleId :
TWP-20

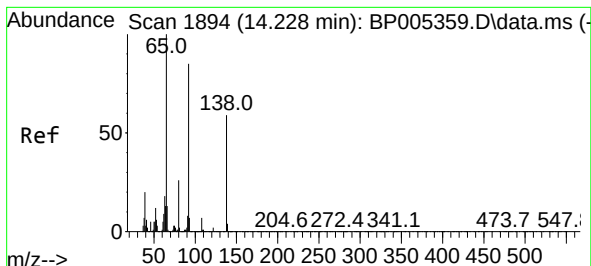
Tgt Ion:163 Resp: 11472
Ion Ratio Lower Upper
163 100
194 6.0 3.9 5.9#
164 7.8 8.1 12.1#



#52
Acenaphthene
Concen: 2.43 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:154 Resp: 6033
Ion Ratio Lower Upper
154 100
153 125.9 90.9 136.3
152 61.9 48.5 72.7

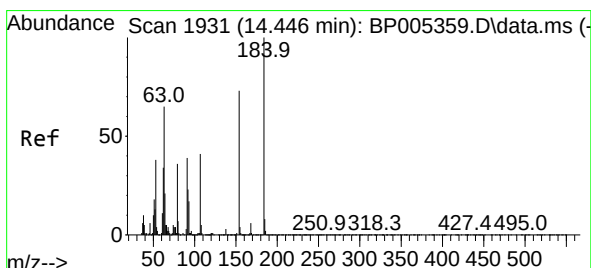
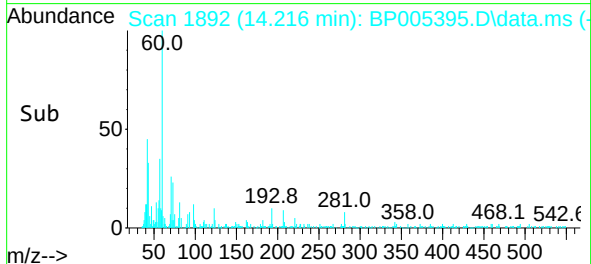
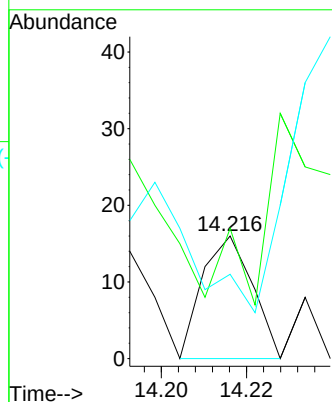
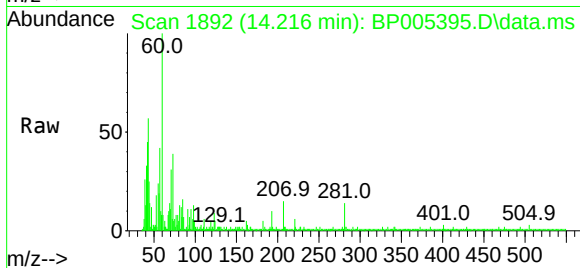




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

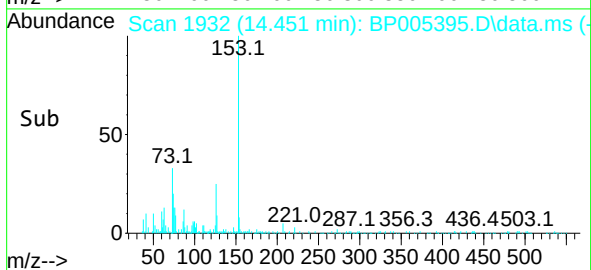
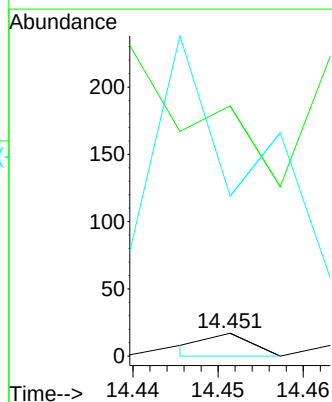
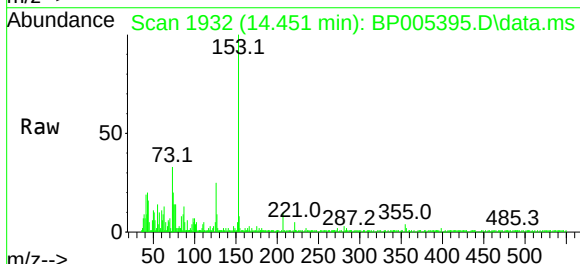
Instrument :
BNA_P
ClientSampleId :
TWP-20

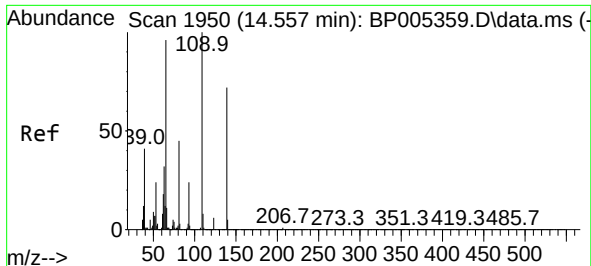
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 106.3 10.2 15.4#
92 68.8 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 1094.1 51.2 76.8#
154 700.0 55.8 83.8#

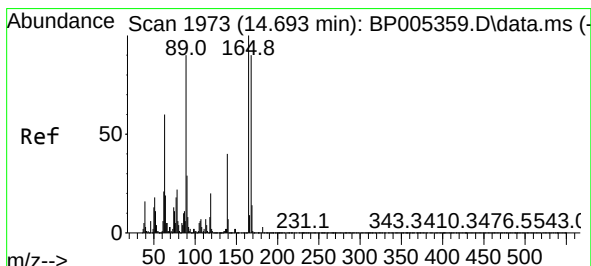
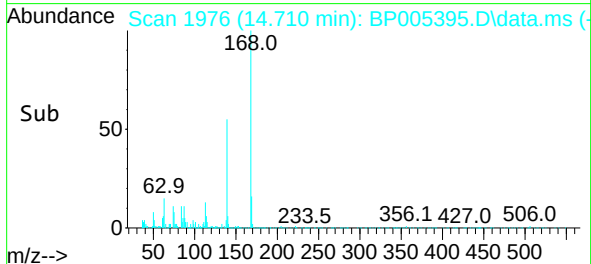
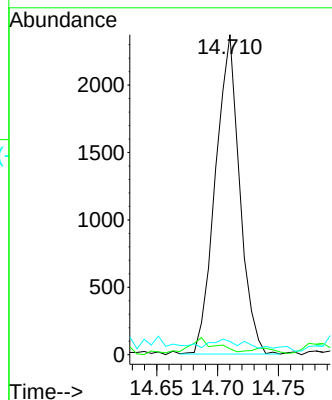
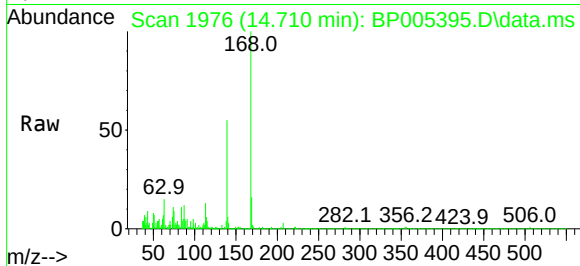




#56
4-Nitrophenol
Concen: 10.84 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.153 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

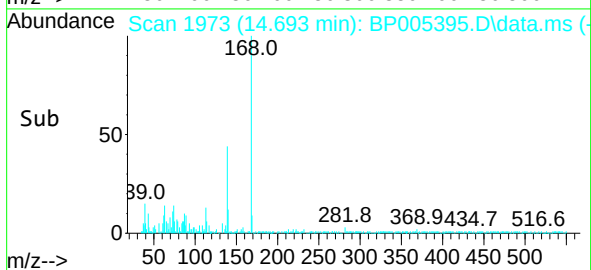
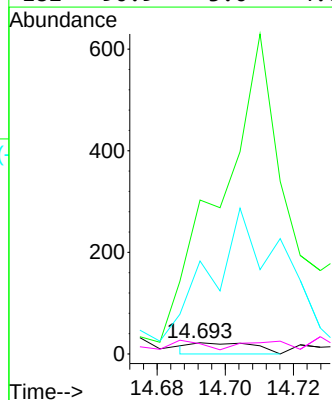
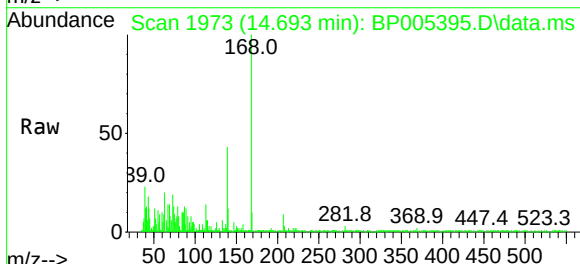
Instrument :
BNA_P
ClientSampled :
TWP-20

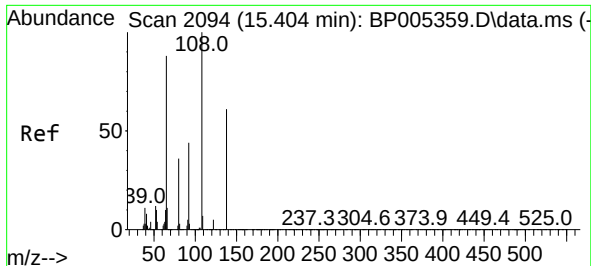
Tgt Ion:139 Resp: 3278
Ion Ratio Lower Upper
139 100
109 1.9 122.8 162.8#
65 4.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:165 Resp: 28
Ion Ratio Lower Upper
165 100
63 1377.3 56.7 85.1#
89 831.8 85.8 128.6#
182 90.9 3.0 4.6#

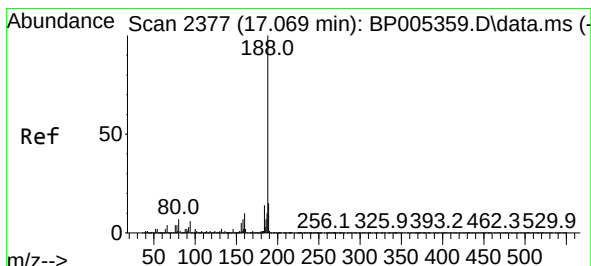
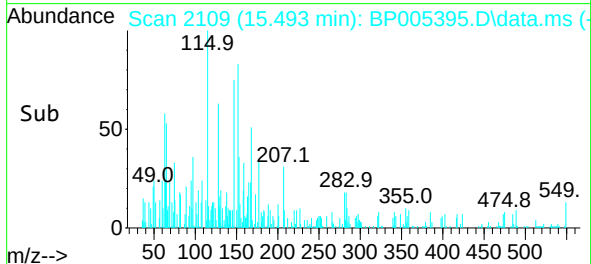
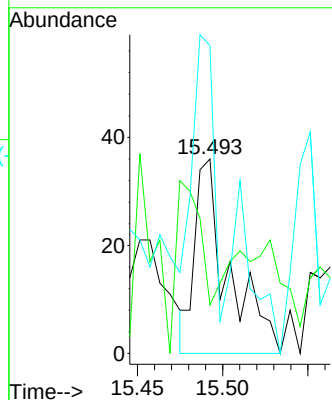
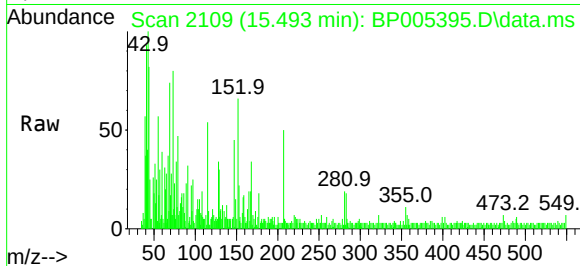




#62
4-Nitroaniline
Concen: 3.88 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.089 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

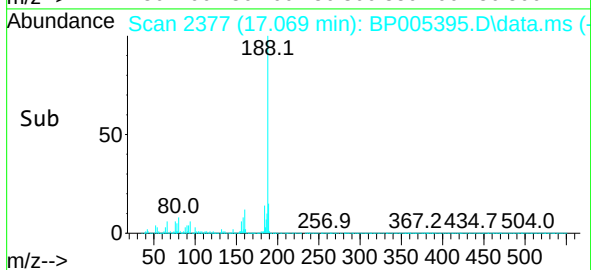
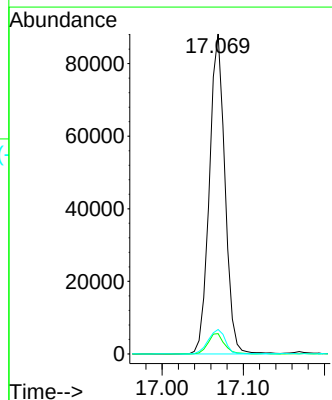
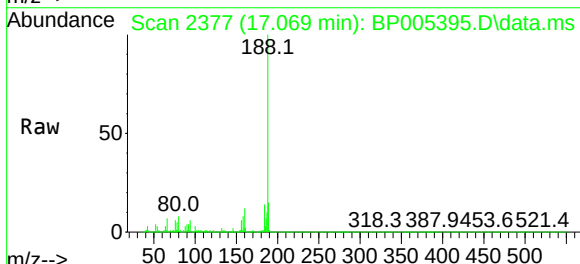
Instrument :
BNA_P
ClientSampled :
TWP-20

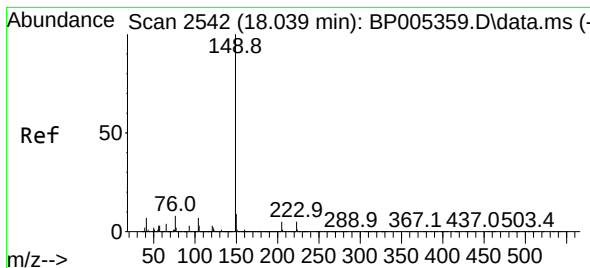
Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
92 61.1 50.9 90.9
108 158.3 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:188 Resp: 117515
Ion Ratio Lower Upper
188 100
94 6.4 5.0 7.6
80 7.6 5.9 8.9

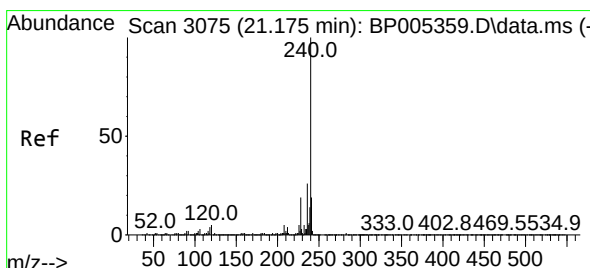
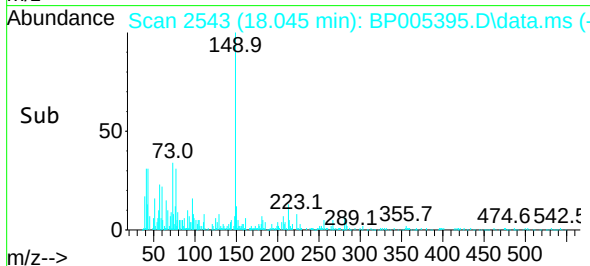
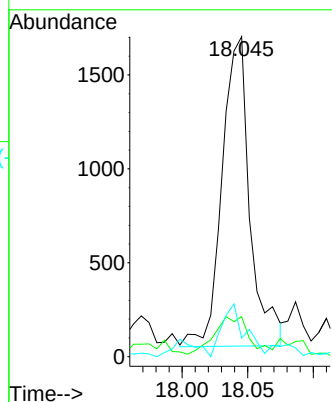
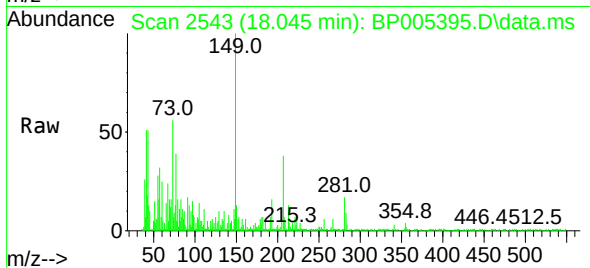




#74
Di-n-butylphthalate
Concen: 4.33 ng
RT: 18.045 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

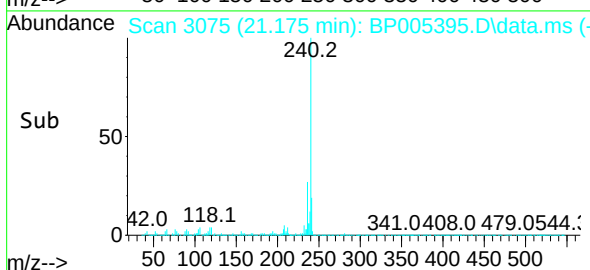
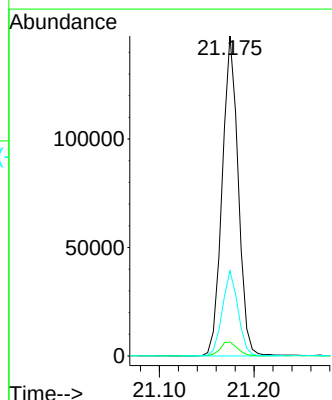
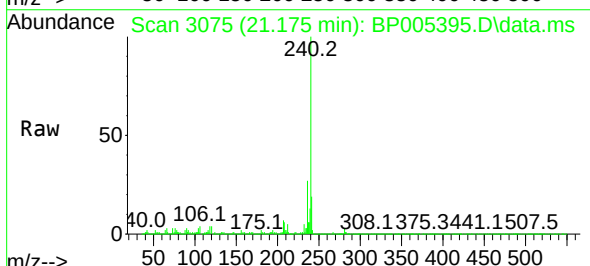
Instrument :
BNA_P
ClientSampleId :
TWP-20

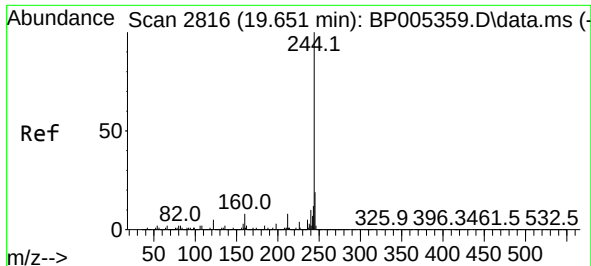
Tgt Ion:149 Resp: 2439
Ion Ratio Lower Upper
149 100
150 12.5 7.6 11.4#
104 5.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005395.D
Acq: 23 Apr 2021 15:58

Tgt Ion:240 Resp: 173695
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 26.6 20.2 30.2

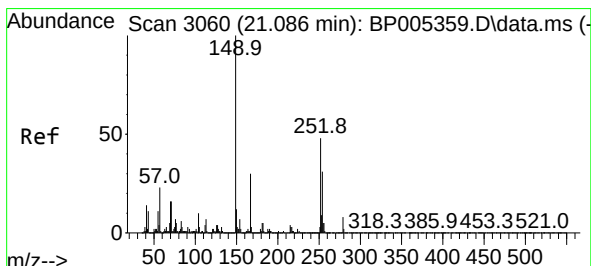
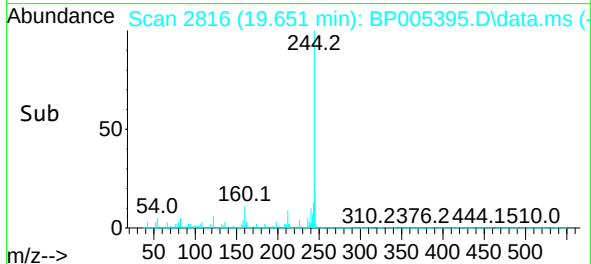
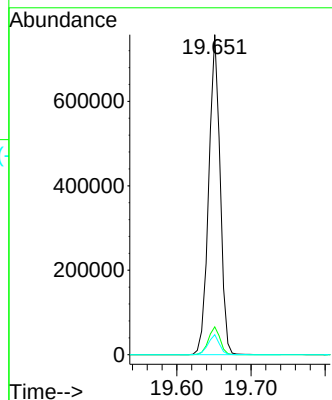
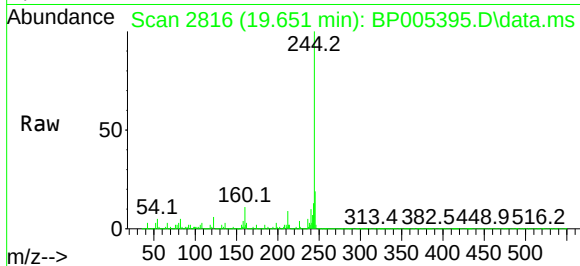




#79
 Terphenyl-d14
 Concen: 86.07 ng
 RT: 19.651 min Scan# 2816
 Delta R.T. 0.000 min
 Lab File: BP005395.D
 Acq: 23 Apr 2021 15:58

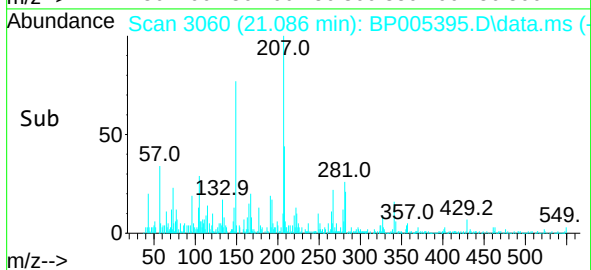
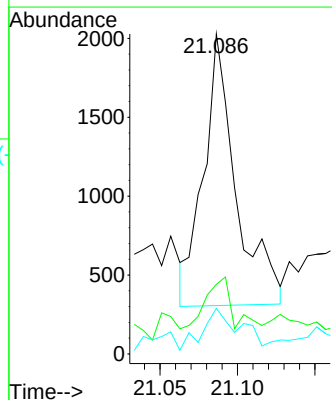
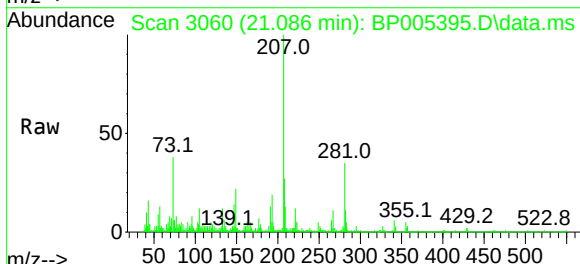
Instrument :
 BNA_P
 ClientSampleId :
 TWP-20

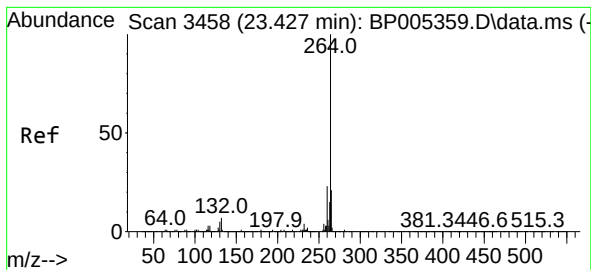
Tgt Ion:244 Resp: 806799
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 6.3 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.58 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005395.D
 Acq: 23 Apr 2021 15:58

Tgt Ion:149 Resp: 2506
 Ion Ratio Lower Upper
 149 100
 167 21.7 23.8 35.8#
 279 14.3 5.7 8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005395.D
 Acq: 23 Apr 2021 15:58

Instrument :
 BNA_P
 ClientSampleId :
 TWP-20

Tgt Ion:264	Resp:	195813
Ion	Ratio	Lower Upper
264	100	
260	22.5	20.6 30.8
265	22.0	19.0 28.6

