

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004028.D
 Acq On : 20 Nov 2020 17:26
 Operator : CG/JU
 Sample : L4829-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Quant Time: Nov 23 04:07:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

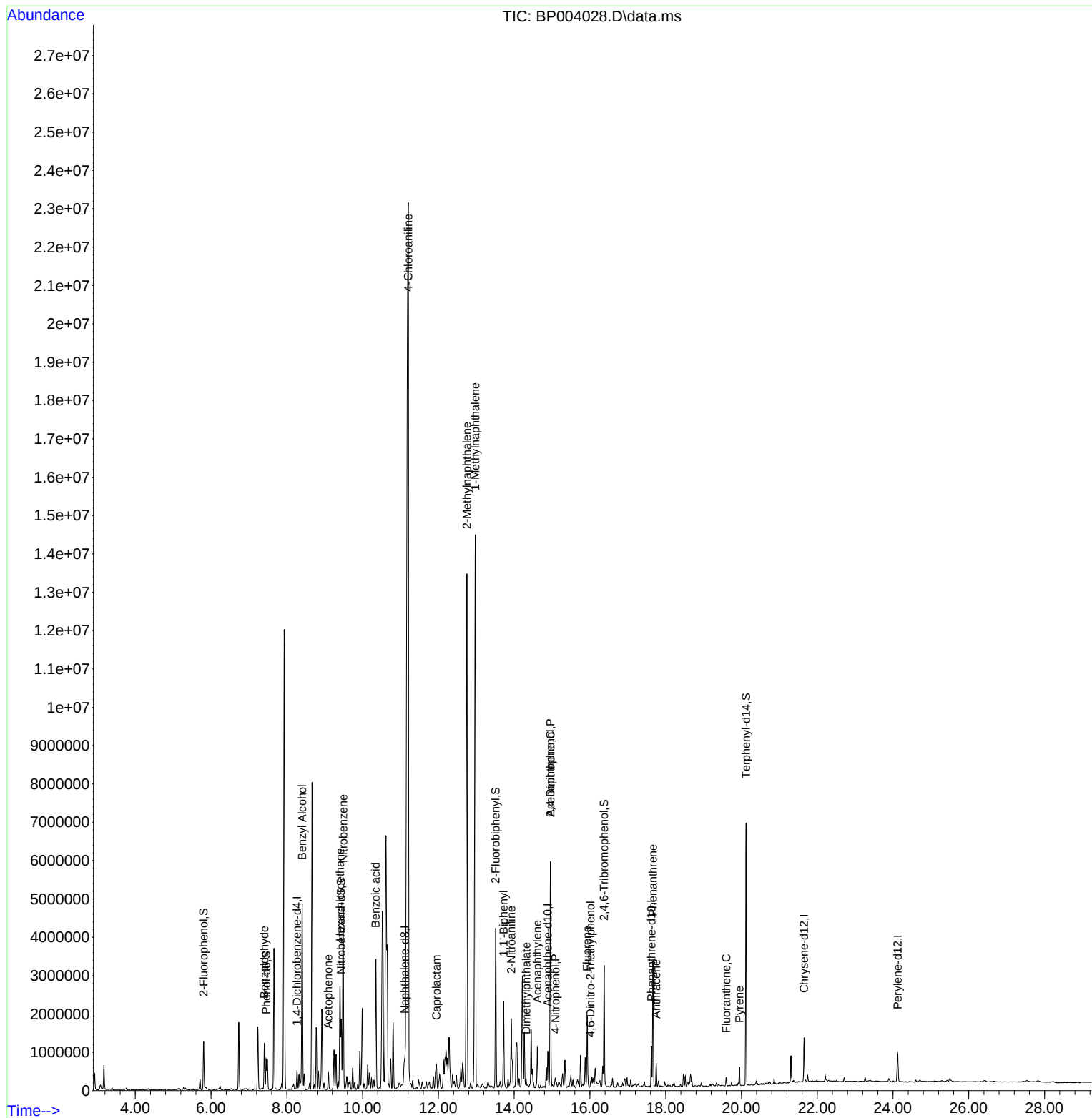
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	129299	20.00	ng	-0.02
21) Naphthalene-d8	11.110	136	468901	20.00	ng	#-0.02
39) Acenaphthene-d10	14.887	164	309282	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	632467	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	581367	20.00	ng	0.00
86) Perylene-d12	24.121	264	589389	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	526917	68.01	ng	0.00
7) Phenol-d6	7.452	99	445555	40.06	ng	0.00
23) Nitrobenzene-d5	9.434	82	979053	102.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.375	330	588523	152.14	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	2151504	97.25	ng	-0.02
79) Terphenyl-d14	20.122	244	2804500	93.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.405	77	85419	13.76	ng	# 1
15) Benzyl Alcohol	8.405	79	247352	32.11	ng	# 2
18) Hexachloroethane	9.405	117	253577	70.21	ng	# 1
22) Acetophenone	9.093	105	259505	20.62	ng	# 64
24) Nitrobenzene	9.487	77	145167	15.26	ng	# 1
32) Benzoic acid	10.346	122	499	8.40	ng	# 1
33) 4-Chloroaniline	11.204	127	5388389	503.89	ng	# 37
35) Caprolactam	11.946	113	7031	3.05	ng	# 52
37) 2-Methylnaphthalene	12.751	142	7027683	390.30	ng	97
38) 1-Methylnaphthalene	12.975	142	7686451	447.53	ng	99
46) 1,1'-Biphenyl	13.722	154	1114795	46.43	ng	98
48) 2-Nitroaniline	13.922	65	19119	3.25	ng	# 2
49) Acenaphthylene	14.610	152	101102	3.50	ng	# 40
50) Dimethylphthalate	14.316	163	141892	5.87	ng	99
52) Acenaphthene	14.957	154	1999949	103.79	ng	98
54) 2,4-Dinitrophenol	14.957	184	98	2.79	ng	# 1
56) 4-Nitrophenol	15.087	139	11642	2.94	ng	# 47
58) Fluorene	15.928	166	805268	35.13	ng	100
65) 4,6-Dinitro-2-methylph...	16.016	198	85	6.36	ng	# 1
71) Phenanthrene	17.663	178	1928622	54.33	ng	99
72) Anthracene	17.751	178	375111	10.94	ng	98
75) Fluoranthene	19.598	202	133833	3.27	ng	99
78) Pyrene	19.945	202	277441	7.03	ng	97

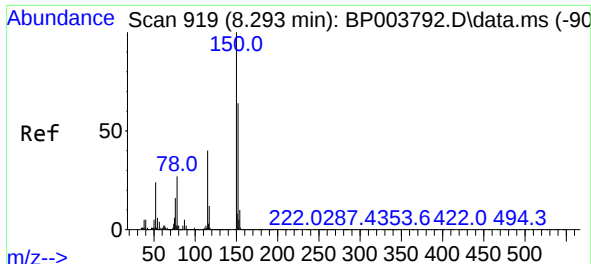
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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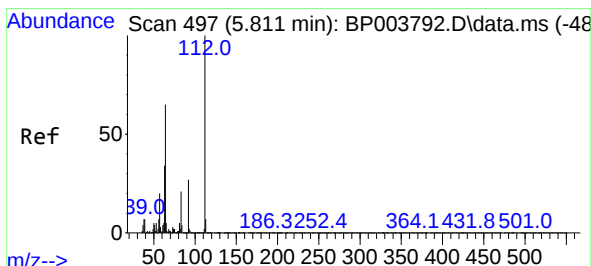
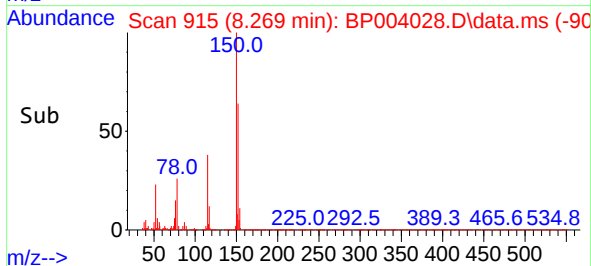
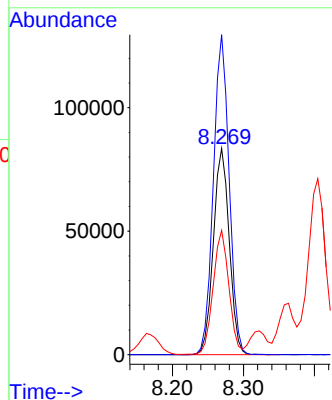
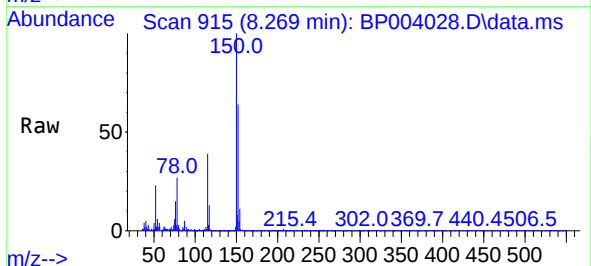




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

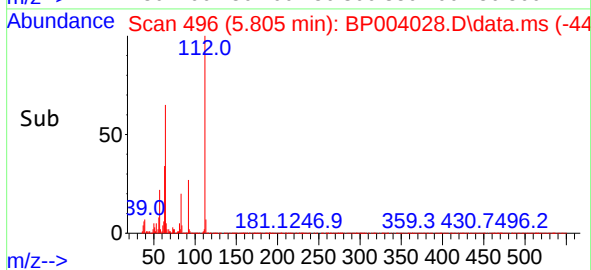
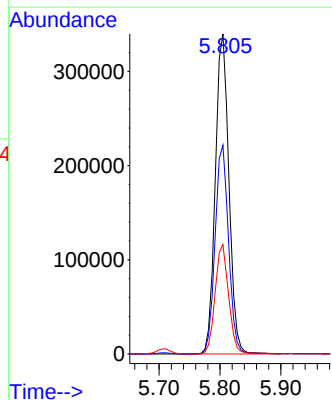
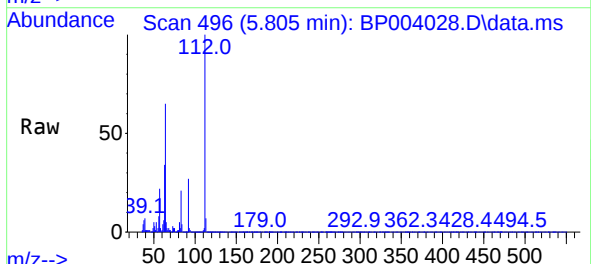
Instrument :
BNA_P
ClientSampled :
MW-14

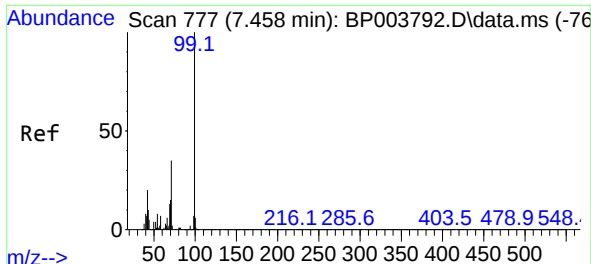
Tgt Ion:152 Resp: 129299
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 60.3 43.8 65.6



#5
2-Fluorophenol
Concen: 68.01 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:112 Resp: 526917
Ion Ratio Lower Upper
112 100
64 65.2 32.8 49.2#
63 34.2 17.0 25.4#

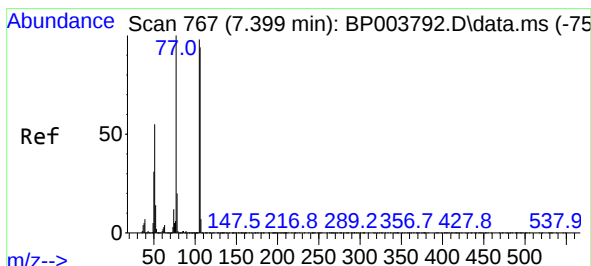
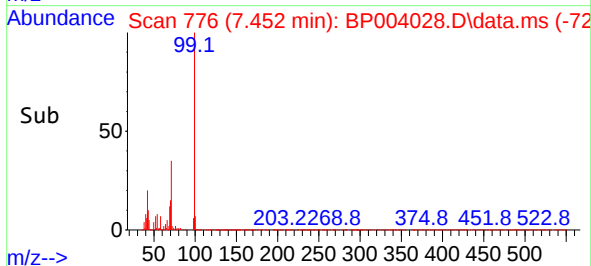
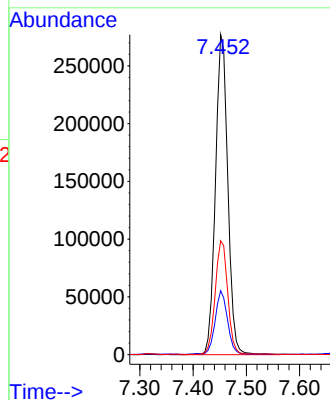
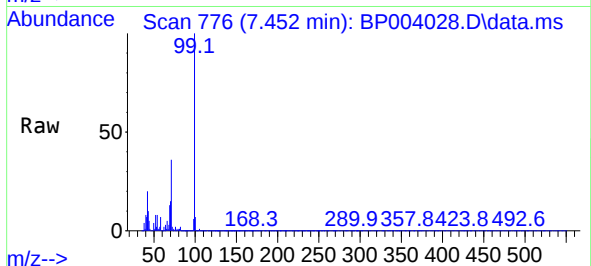




#7
Phenol-d6
Concen: 40.06 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

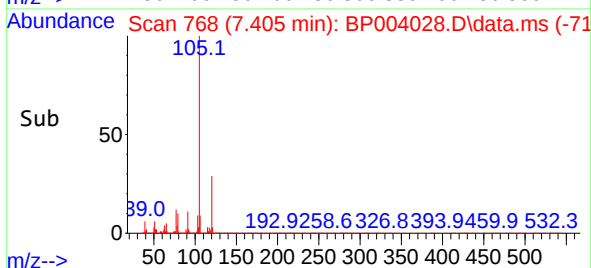
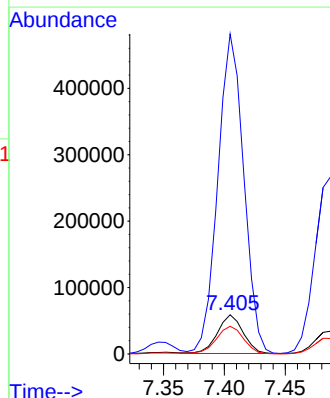
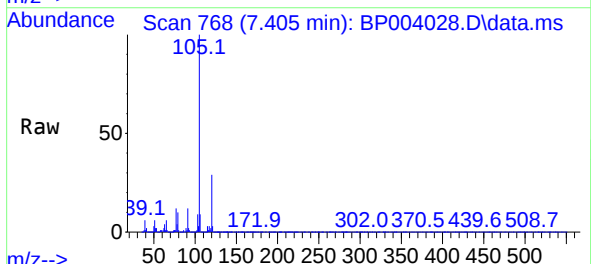
Instrument :
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ClientSampled :
MW-14

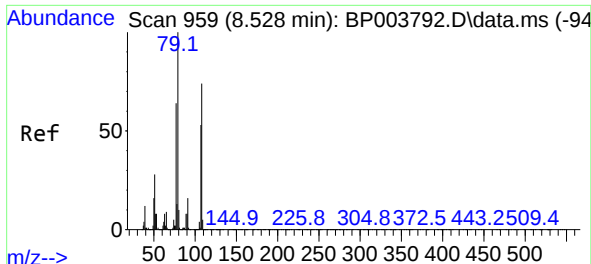
Tgt Ion: 99 Resp: 445555
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 35.6 23.4 35.2#



#9
Benzaldehyde
Concen: 13.76 ng
RT: 7.405 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion: 77 Resp: 85419
Ion Ratio Lower Upper
77 100
105 817.0 97.1 137.1#
106 70.5 93.7 133.7#

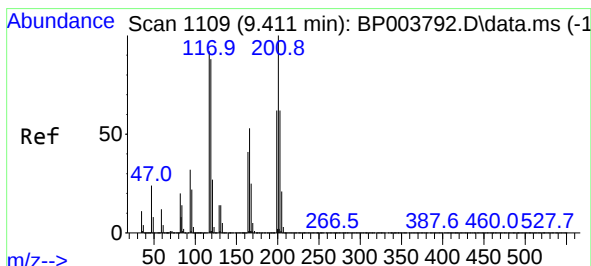
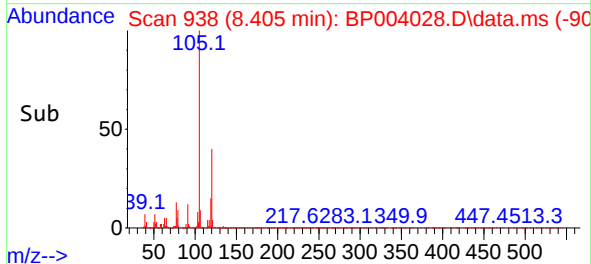
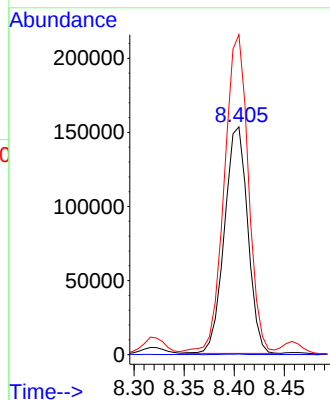
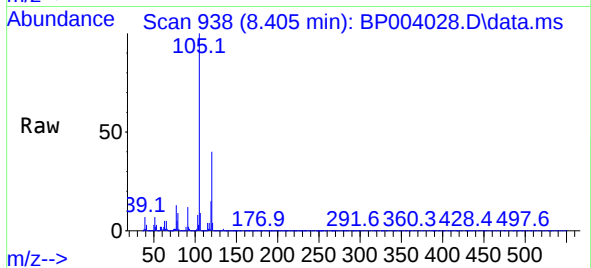




#15
Benzyl Alcohol
Concen: 32.11 ng
RT: 8.405 min Scan# 938
Delta R.T. -0.124 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

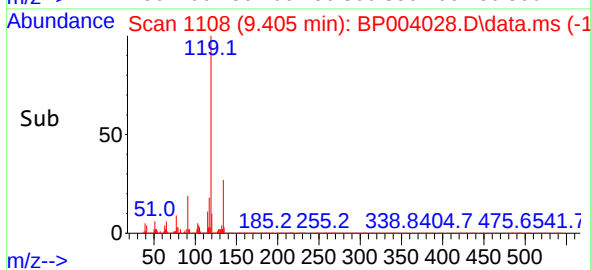
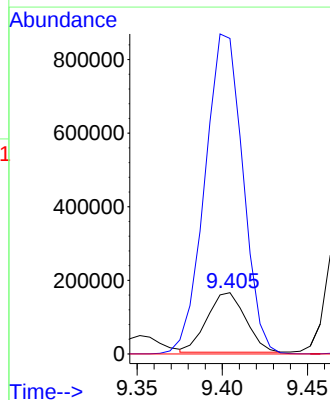
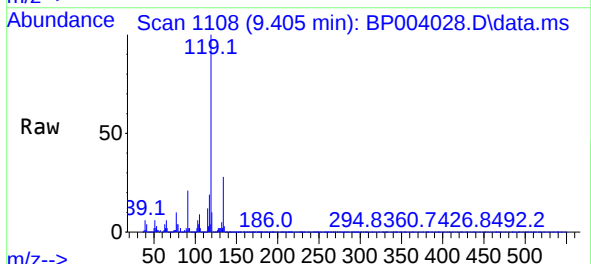
Instrument :
BNA_P
ClientSampleId :
MW-14

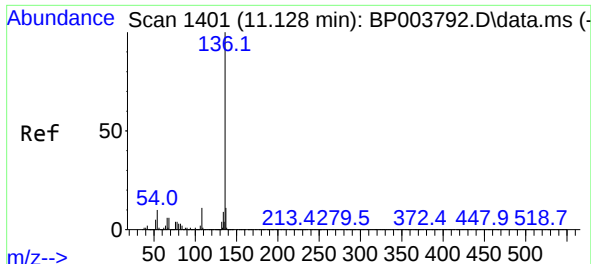
Tgt Ion: 79 Resp: 247352
Ion Ratio Lower Upper
79 100
108 0.3 73.5 110.3#
77 140.5 50.3 75.5#



#18
Hexachloroethane
Concen: 70.21 ng
RT: 9.405 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion: 117 Resp: 253577
Ion Ratio Lower Upper
117 100
119 515.1 78.8 118.2#
201 0.0 92.3 138.5#



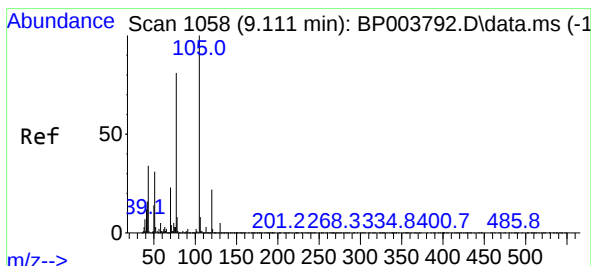
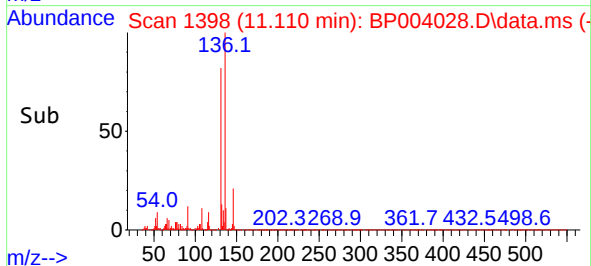
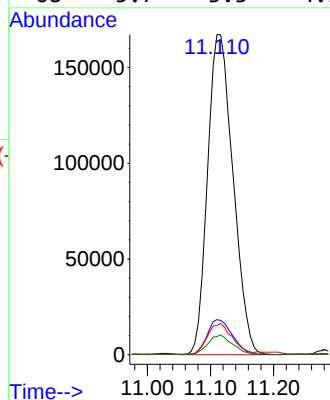
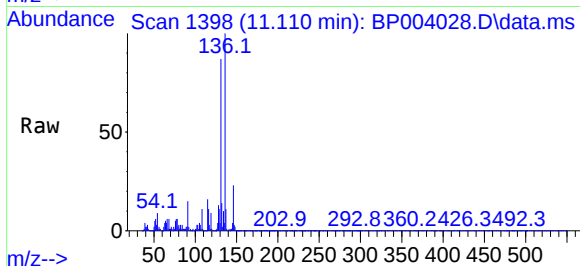


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Instrument :
BNA_P
ClientSampled :
MW-14

Tgt Ion:136 Resp: 468901

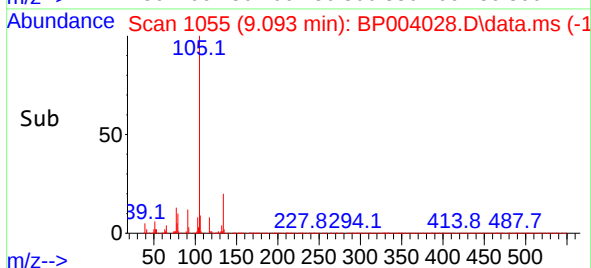
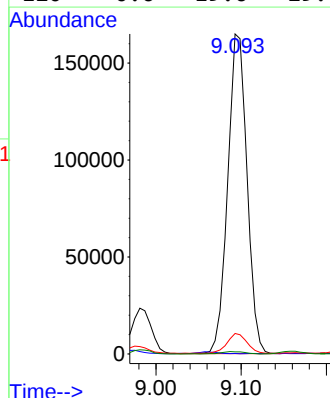
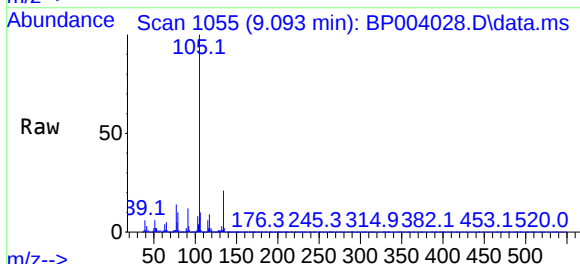
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	3.6	5.4#
68	5.7	3.3	4.9#

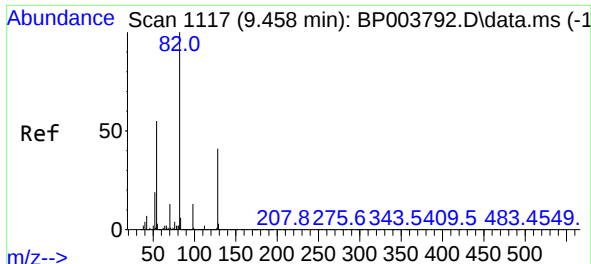


#22
Acetophenone
Concen: 20.62 ng
RT: 9.093 min Scan# 1055
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:105 Resp: 259505

Ion	Ratio	Lower	Upper
105	100		
71	0.1	2.6	3.8#
51	6.4	13.5	20.3#
120	0.6	19.6	29.4#

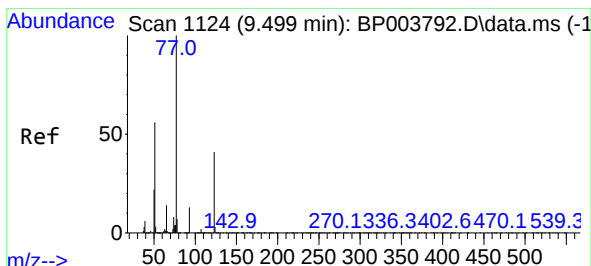
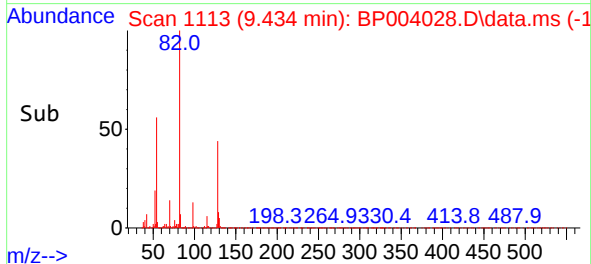
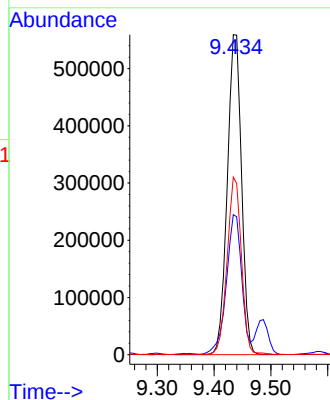
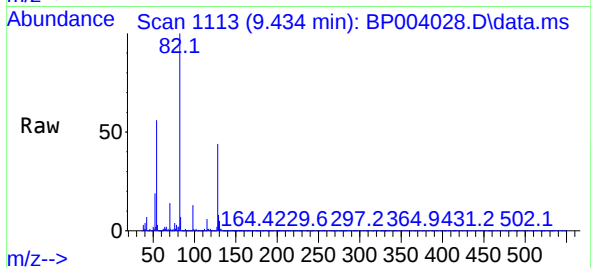




#23
Nitrobenzene-d5
Concen: 102.26 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

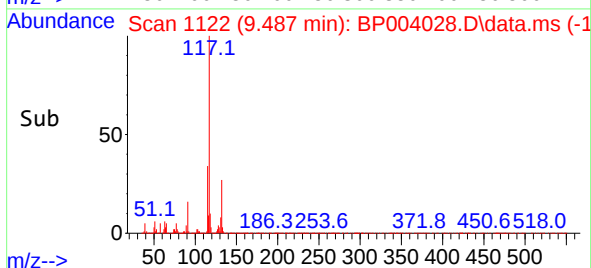
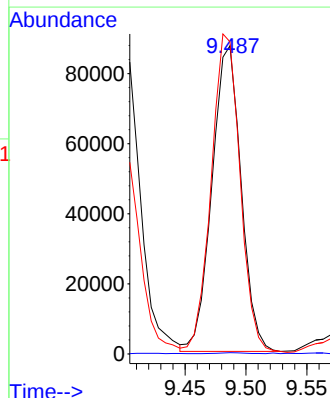
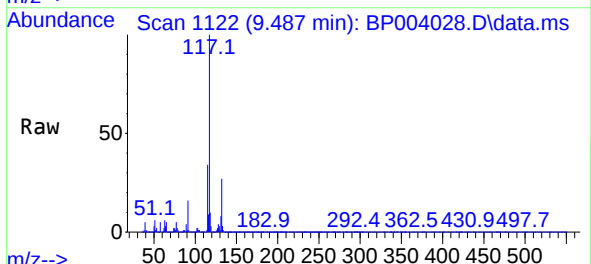
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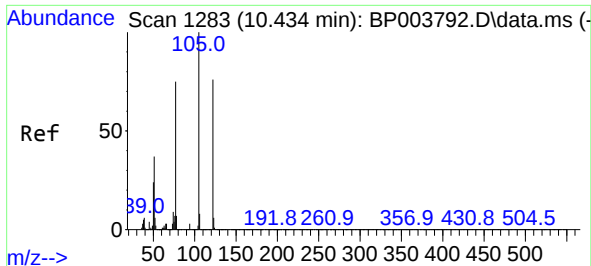
Tgt Ion: 82 Resp: 979053
Ion Ratio Lower Upper
82 100
128 43.7 45.6 68.4#
54 55.5 30.1 45.1#



#24
Nitrobenzene
Concen: 15.26 ng
RT: 9.487 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion: 77 Resp: 145167
Ion Ratio Lower Upper
77 100
123 0.4 48.6 72.8#
65 101.3 10.0 15.0#

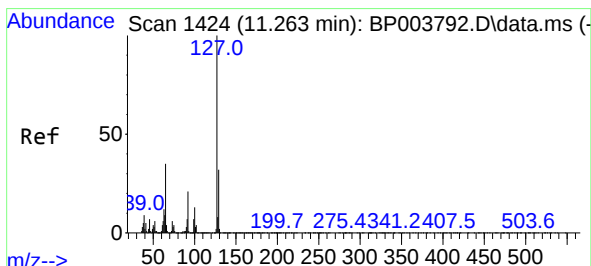
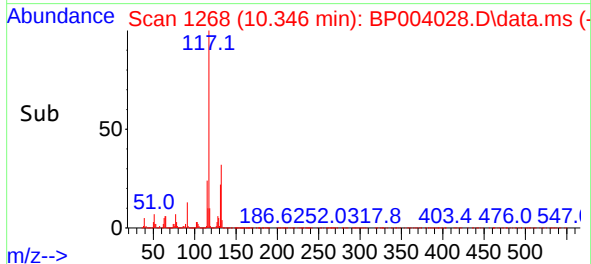
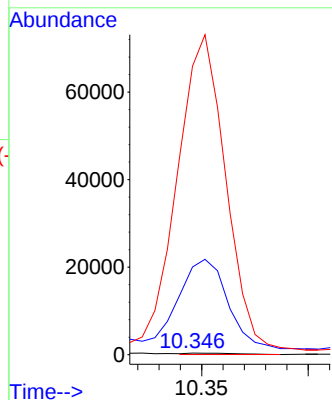
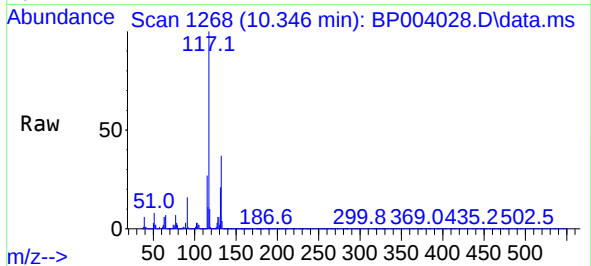




#32
Benzoic acid
Concen: 8.40 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.088 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

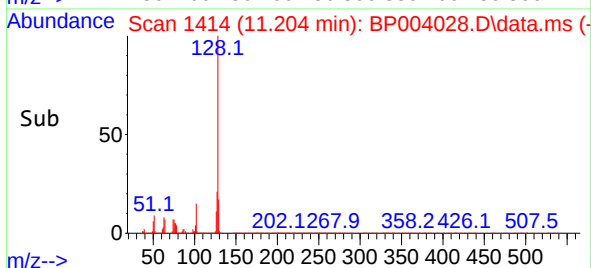
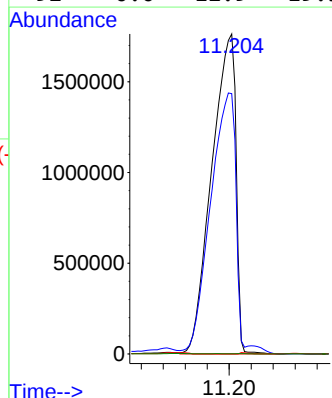
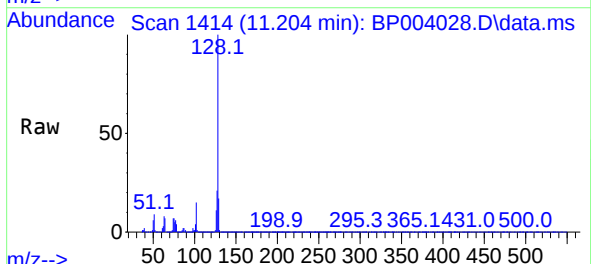
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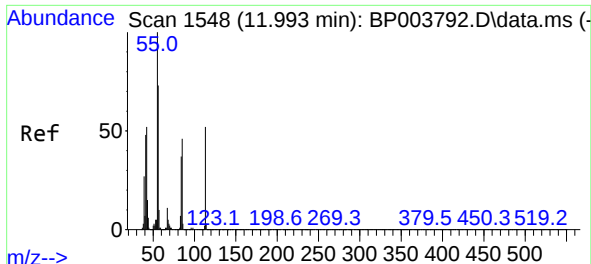
Tgt Ion:122 Resp: 499
Ion Ratio Lower Upper
122 100
105 5707.1 94.1 134.1#
77 18782.9 50.1 90.1#



#33
4-Chloroaniline
Concen: 503.89 ng
RT: 11.204 min Scan# 1414
Delta R.T. -0.059 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:127 Resp: 5388389
Ion Ratio Lower Upper
127 100
129 81.3 25.7 38.5#
65 0.0 17.3 25.9#
92 0.0 12.9 19.3#

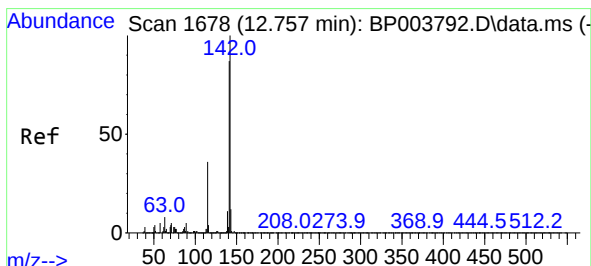
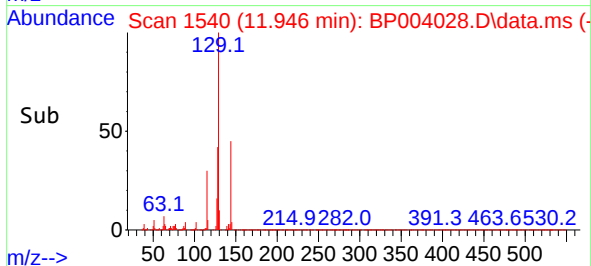
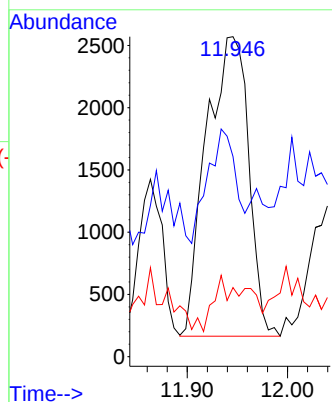
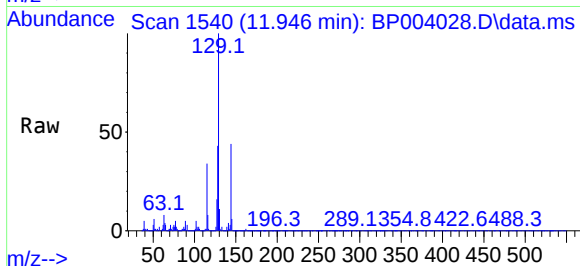




#35
Caprolactam
Concen: 3.05 ng
RT: 11.946 min Scan# 1540
Delta R.T. -0.047 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

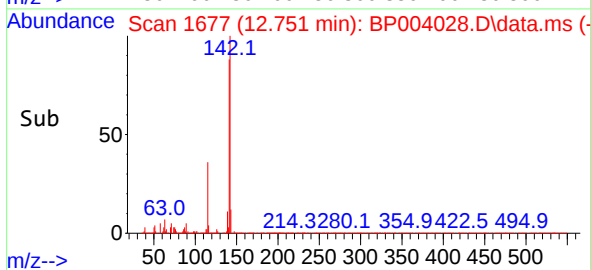
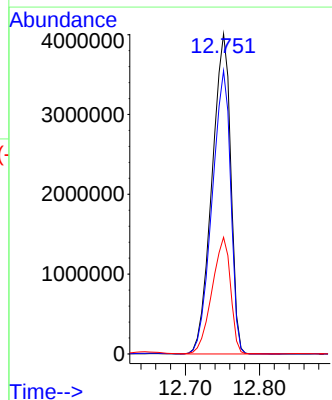
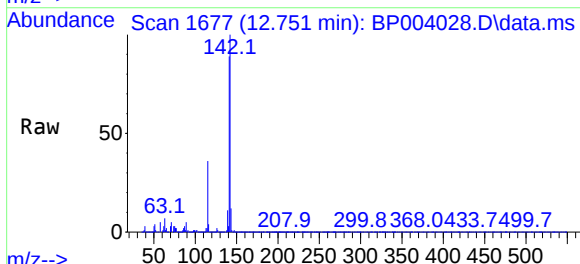
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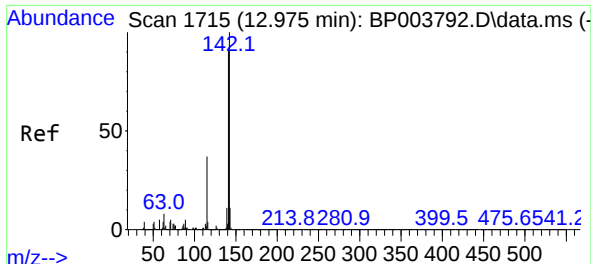
Tgt Ion:113 Resp: 7031
Ion Ratio Lower Upper
113 100
55 62.6 77.3 117.3#
56 21.6 55.9 95.9#



#37
2-Methylnaphthalene
Concen: 390.30 ng
RT: 12.751 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:142 Resp: 7027683
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 36.5 25.8 38.6

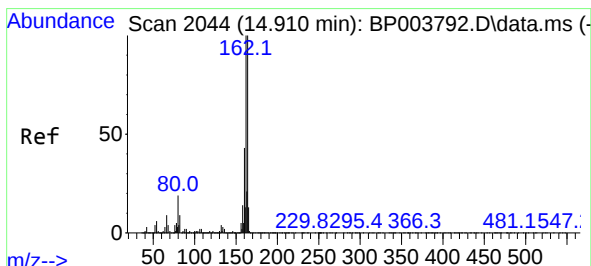
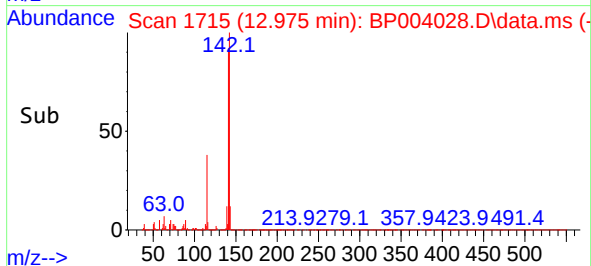
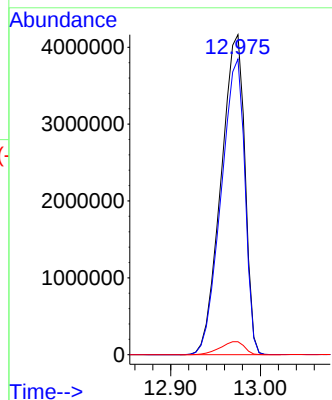
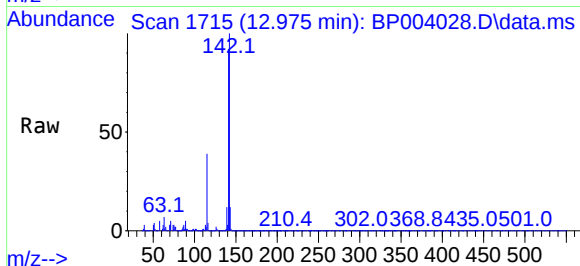




#38
1-Methylnaphthalene
Concen: 447.53 ng
RT: 12.975 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

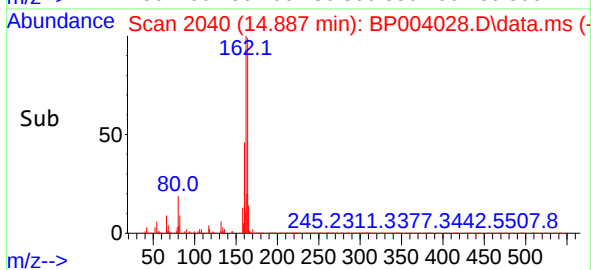
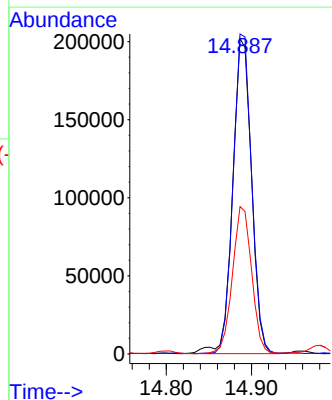
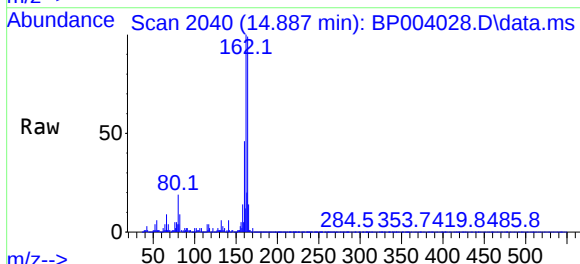
Instrument :
BNA_P
ClientSampleId :
MW-14

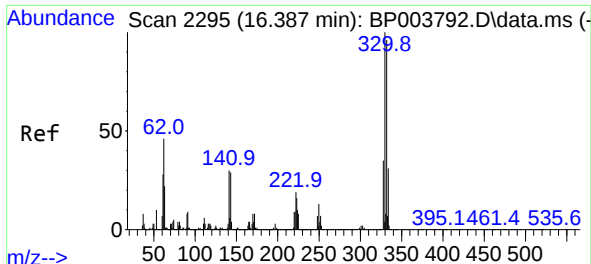
Tgt Ion:142 Resp: 7686451
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:164 Resp: 309282
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 46.7 36.1 54.1

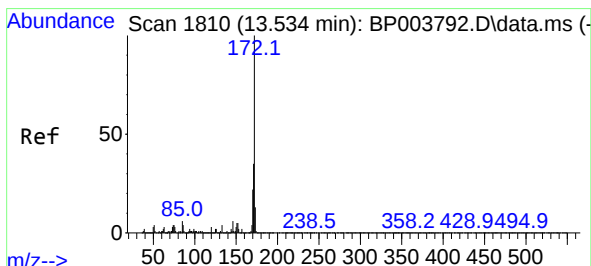
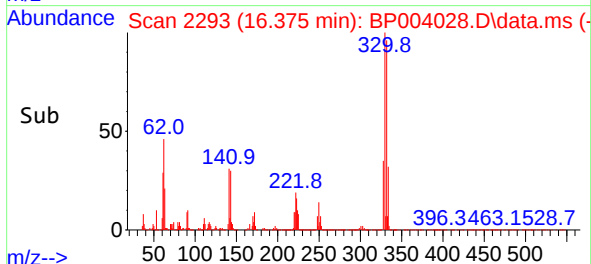
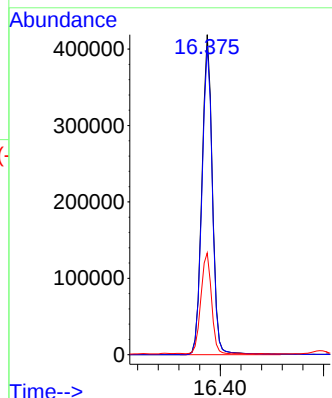
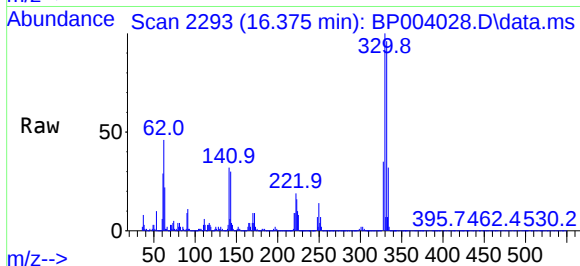




#42
2,4,6-Tribromophenol
Concen: 152.14 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

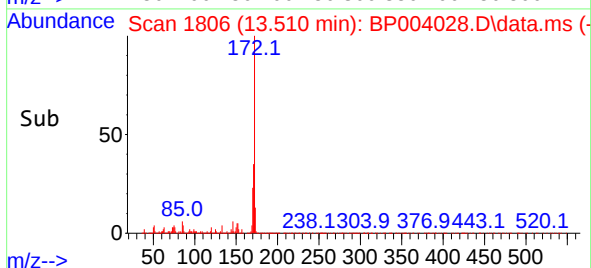
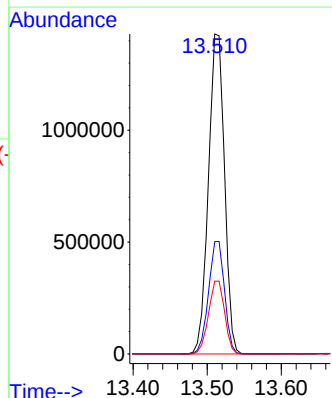
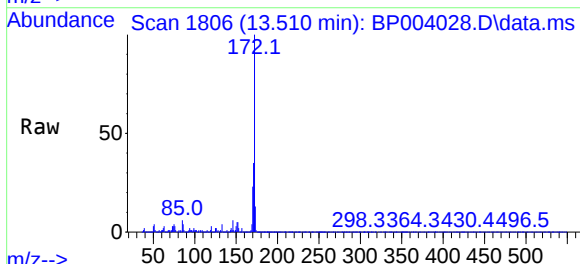
Instrument :
BNA_P
ClientSampleId :
MW-14

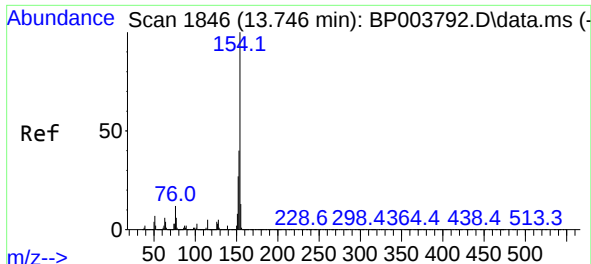
Tgt Ion:330 Resp: 588523
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 97.25 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:172 Resp: 2151504
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.2 28.8

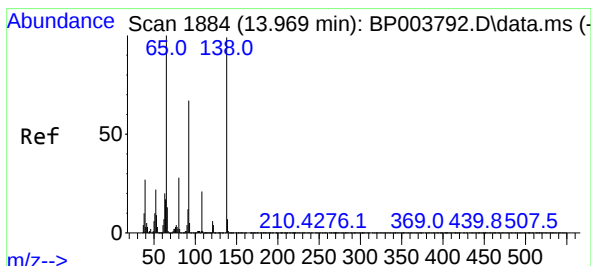
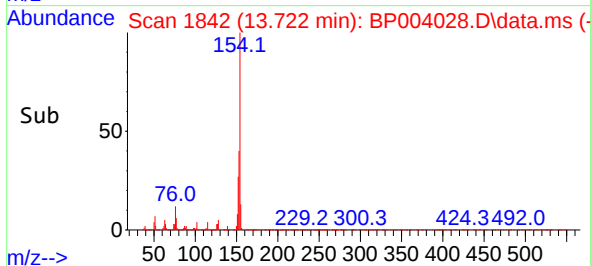
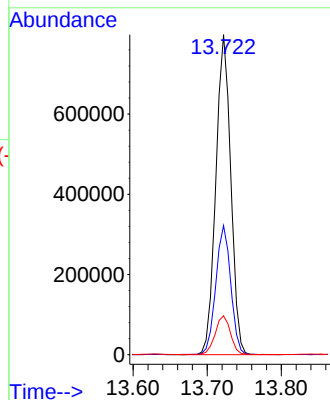
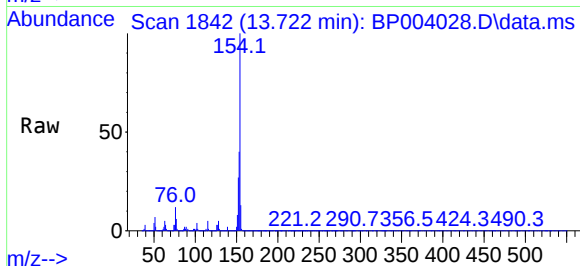




#46
1,1'-Biphenyl
Concen: 46.43 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

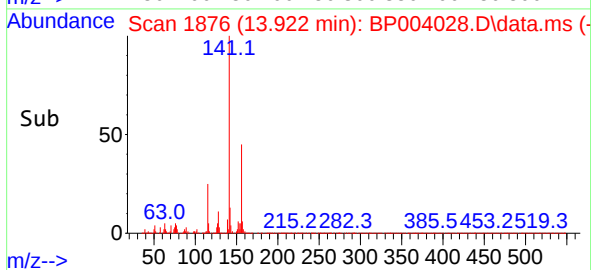
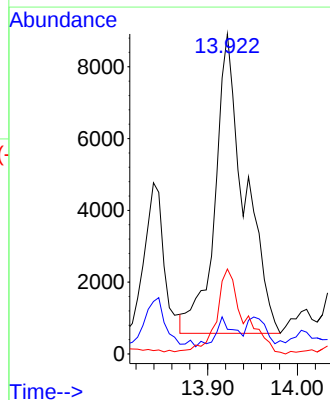
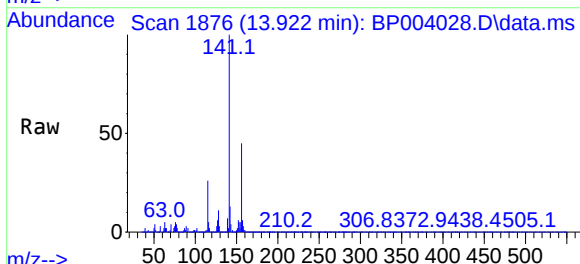
Instrument :
BNA_P
ClientSampled :
MW-14

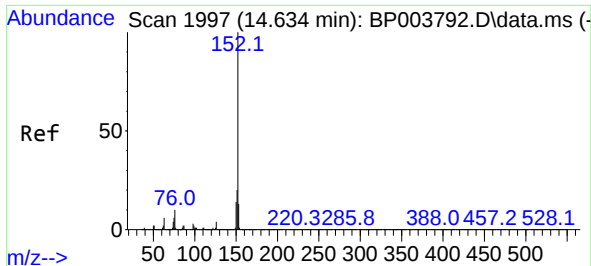
Tgt Ion:154 Resp: 1114795
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.1 0.0 29.3



#48
2-Nitroaniline
Concen: 3.25 ng
RT: 13.922 min Scan# 1876
Delta R.T. -0.047 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion: 65 Resp: 19119
Ion Ratio Lower Upper
65 100
92 7.7 70.6 106.0#
138 26.6 133.6 200.4#

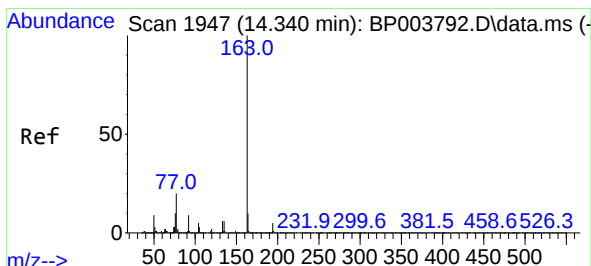
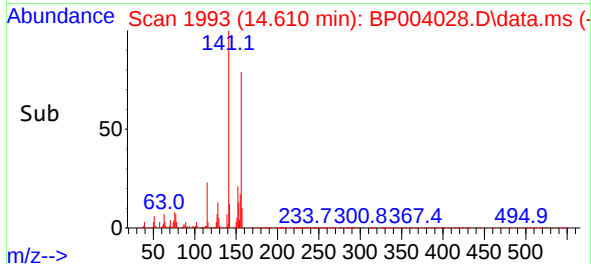
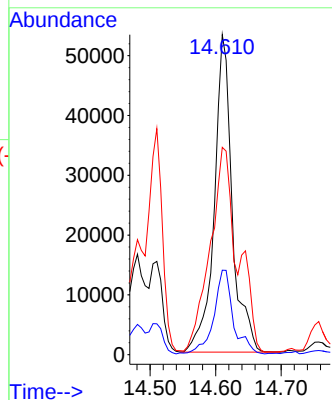
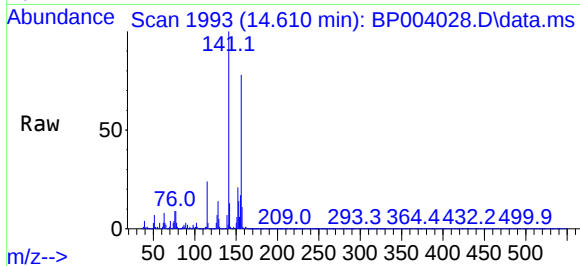




#49
Acenaphthylene
Concen: 3.50 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

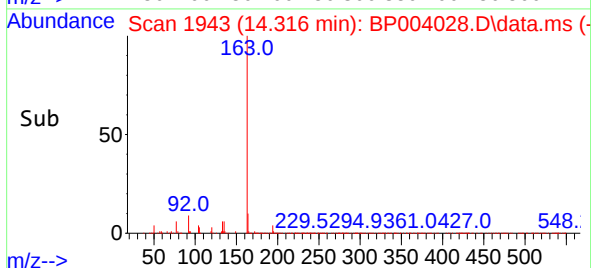
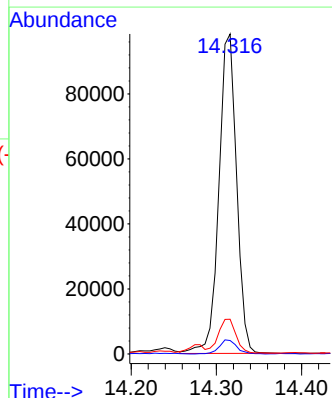
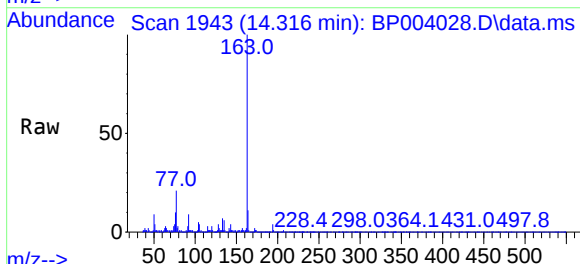
Instrument :
BNA_P
ClientSampleId :
MW-14

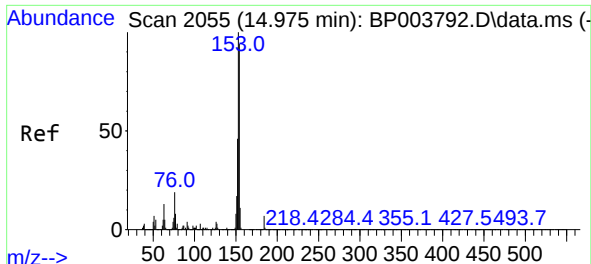
Tgt Ion:152 Resp: 101102
Ion Ratio Lower Upper
152 100
151 26.4 15.9 23.9#
153 64.8 10.5 15.7#



#50
Dimethylphthalate
Concen: 5.87 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:163 Resp: 141892
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.2 12.2

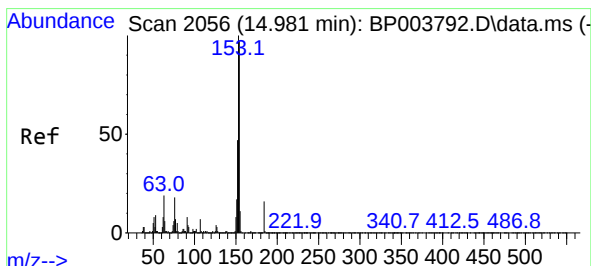
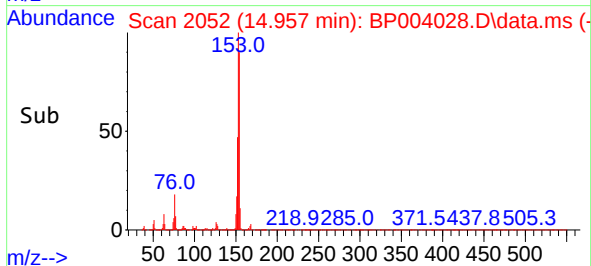
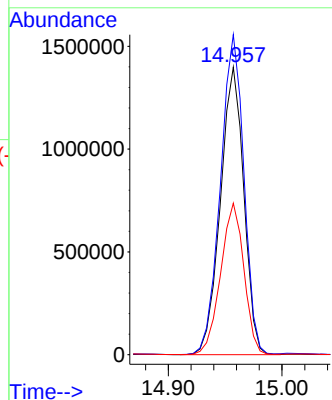
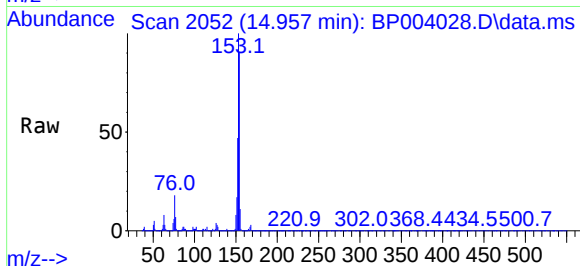




#52
Acenaphthene
Concen: 103.79 ng
RT: 14.957 min Scan# 2052
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

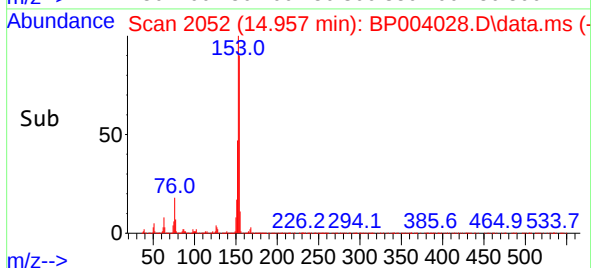
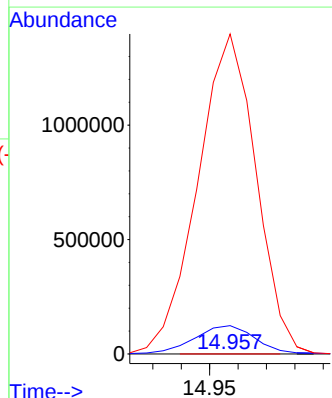
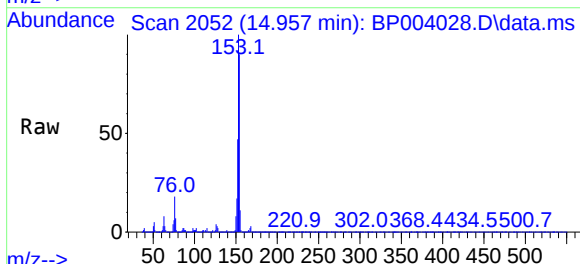
Instrument :
BNA_P
ClientSampled :
MW-14

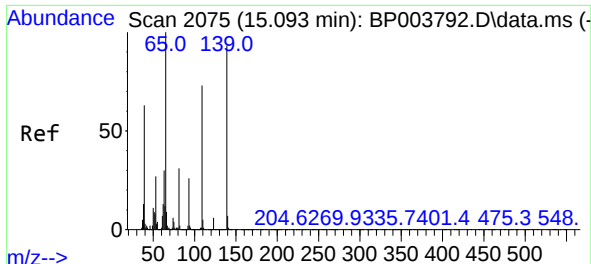
Tgt Ion:154 Resp: 1999949
Ion Ratio Lower Upper
154 100
153 111.3 91.0 136.6
152 52.7 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.79 ng
RT: 14.957 min Scan# 2052
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
63 73353.8 32.3 48.5#
154 827379.9 49.1 73.7#

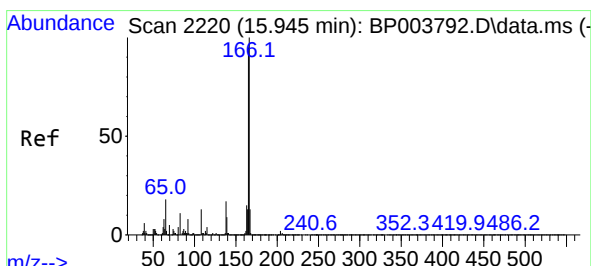
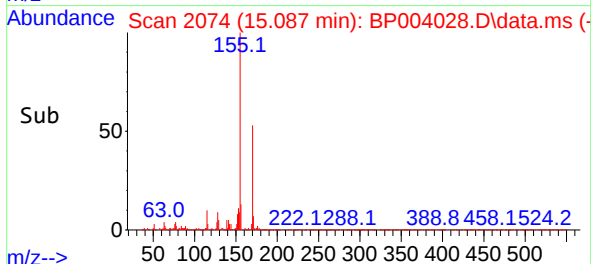
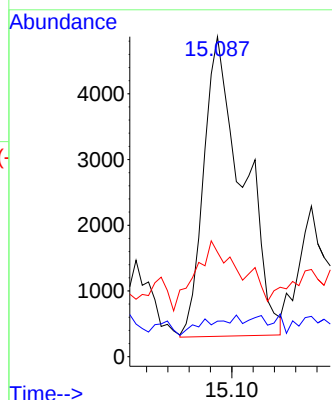
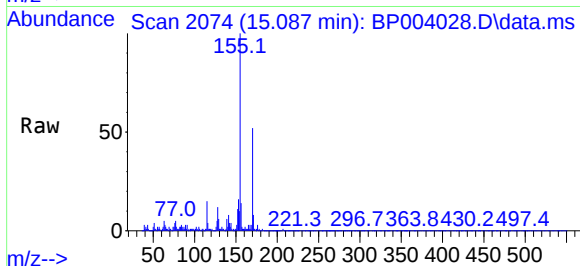




#56
4-Nitrophenol
Concen: 2.94 ng
RT: 15.087 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

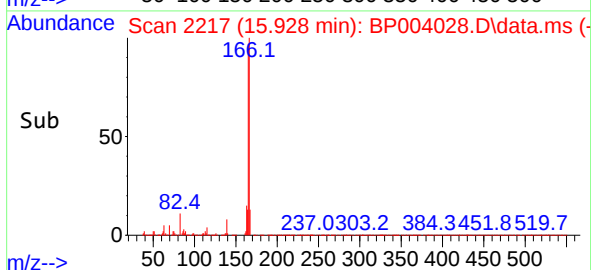
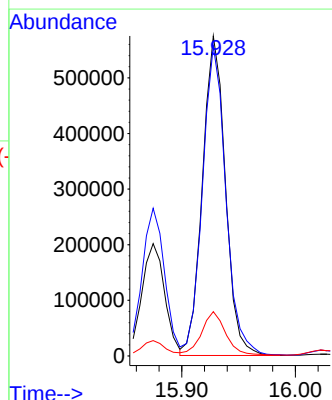
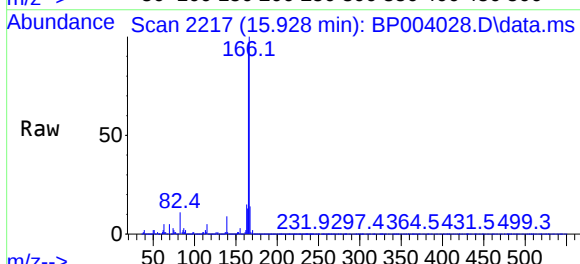
Instrument :
BNA_P
ClientSampleId :
MW-14

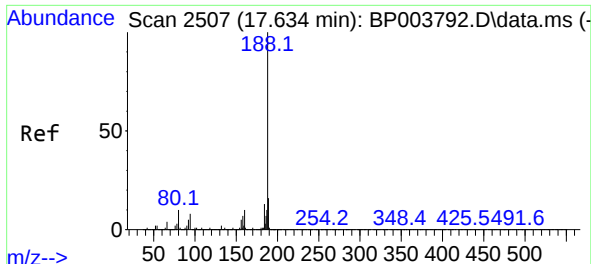
Tgt Ion:139 Resp: 11642
Ion Ratio Lower Upper
139 100
109 11.1 44.6 84.6#
65 32.6 41.6 81.6#



#58
Fluorene
Concen: 35.13 ng
RT: 15.928 min Scan# 2217
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:166 Resp: 805268
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.9 11.0 16.4

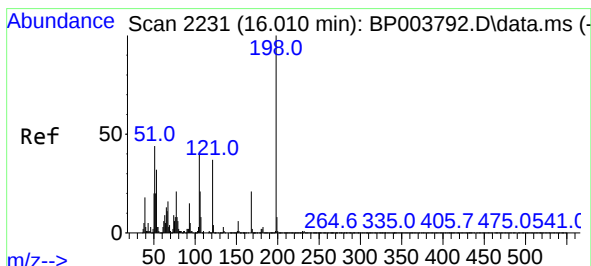
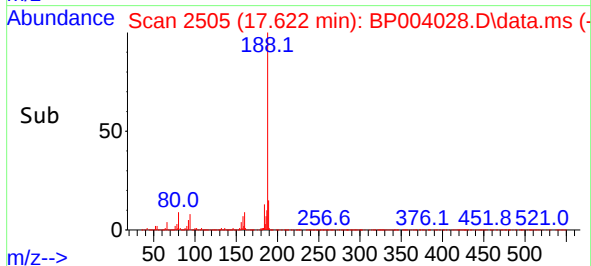
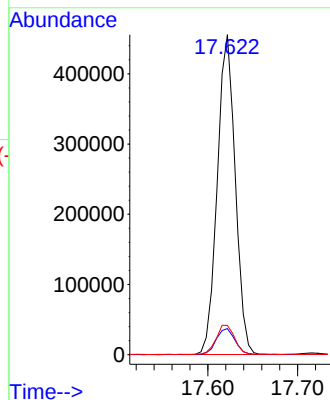
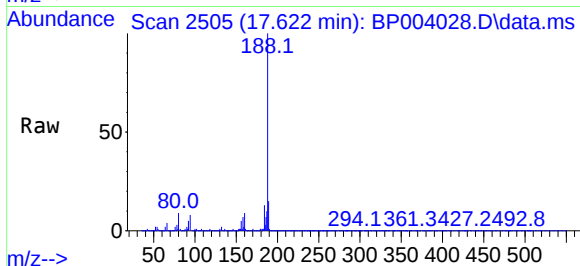




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

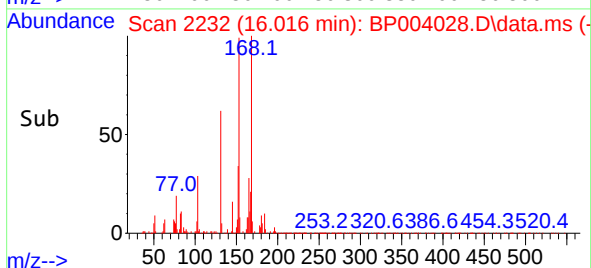
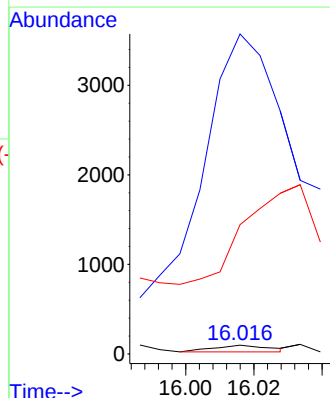
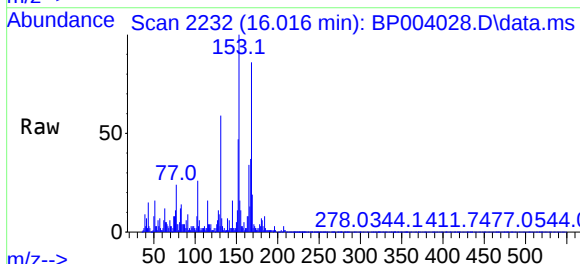
Instrument :
BNA_P
ClientSampled :
MW-14

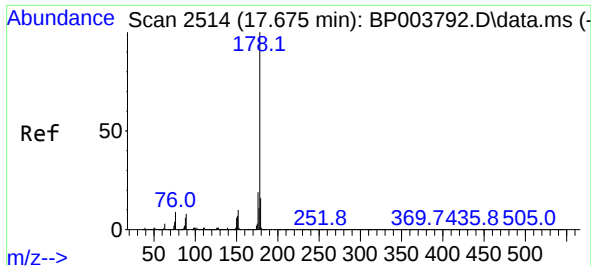
Tgt Ion:188	Resp: 632467
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.2
80 9.2	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt	Ion:198	Resp:	85
Ion	Ratio	Lower	Upper
198	100		
51	3645.9	6.4	46.4#
105	1472.4	18.9	58.9#

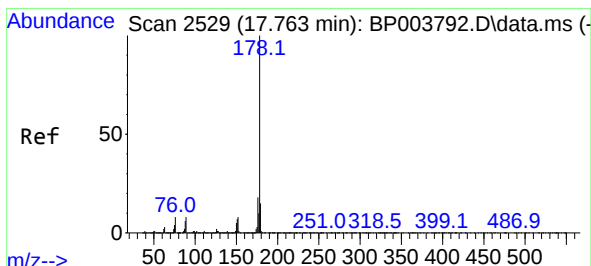
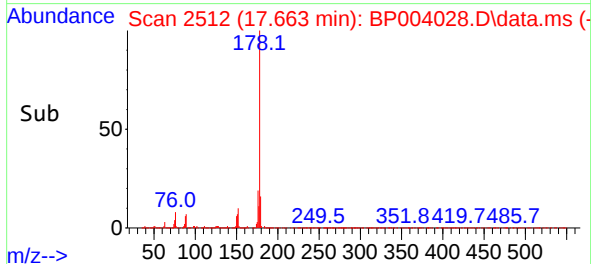
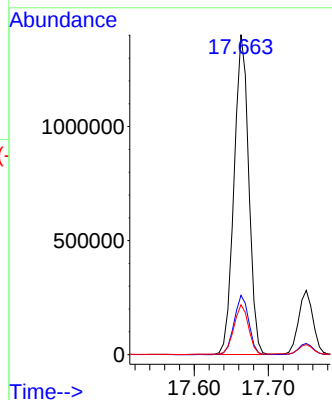
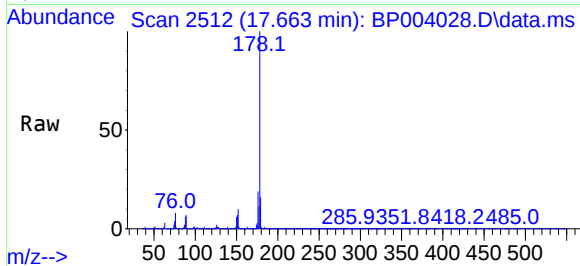




#71
Phenanthrene
Concen: 54.33 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

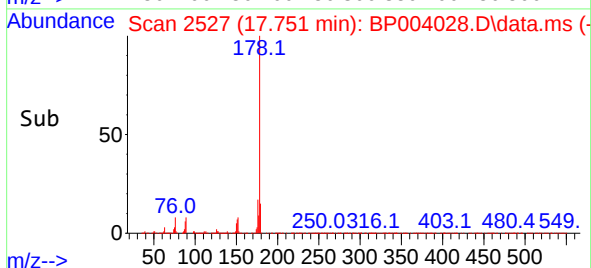
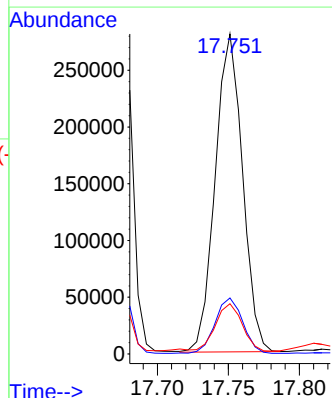
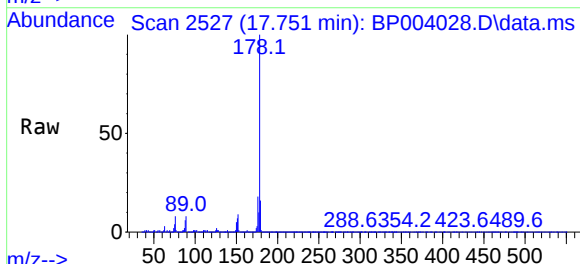
Instrument :
BNA_P
ClientSampled :
MW-14

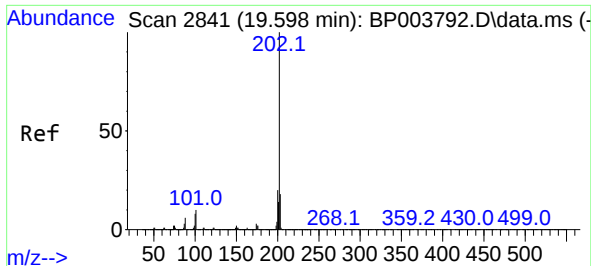
Tgt Ion:178 Resp: 1928622
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 10.94 ng
RT: 17.751 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:178 Resp: 375111
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 15.7 12.5 18.7

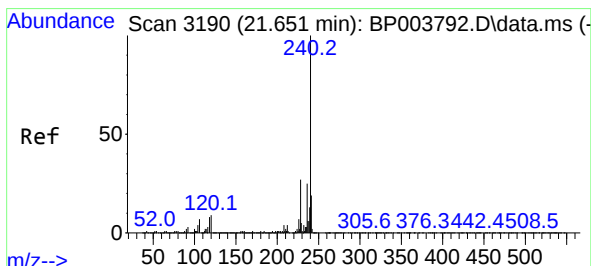
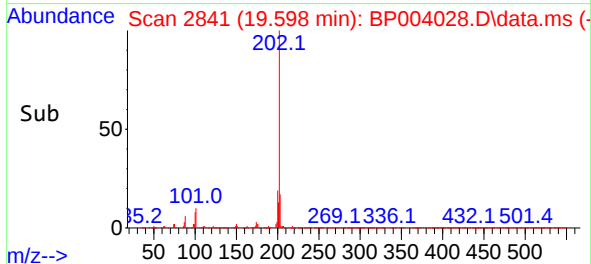
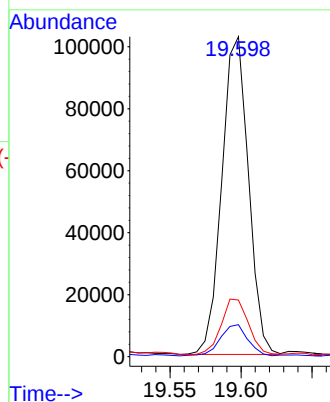
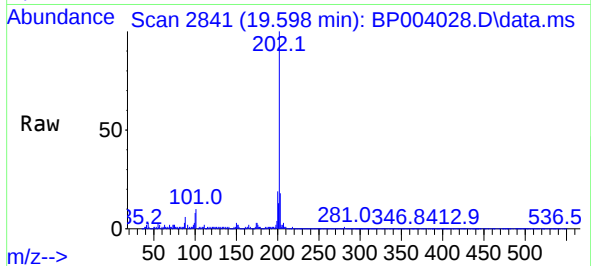




#75
Fluoranthene
Concen: 3.27 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

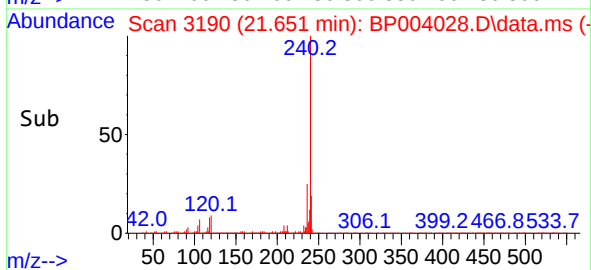
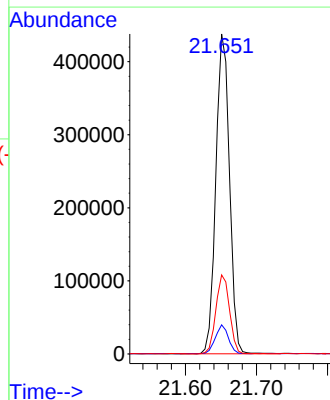
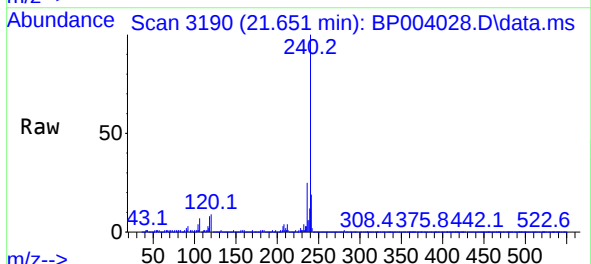
Instrument :
BNA_P
ClientSampled :
MW-14

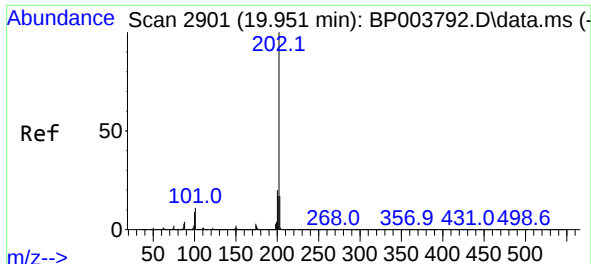
Tgt Ion:	202	Resp:	133833
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.4
203	17.7	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:	240	Resp:	581367
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	24.7	20.8	31.2

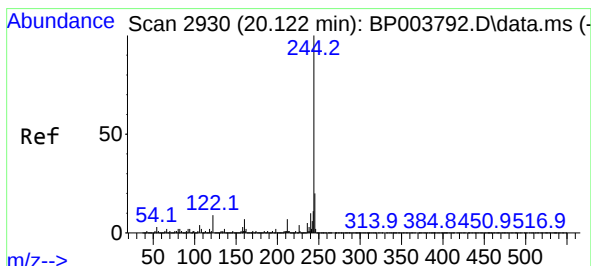
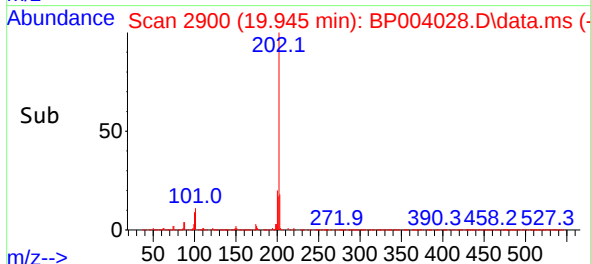
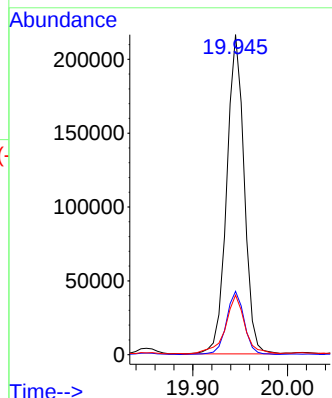
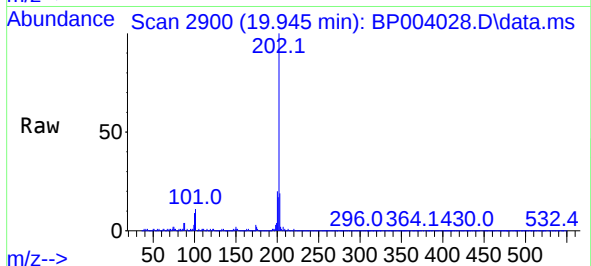




#78
Pyrene
Concen: 7.03 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

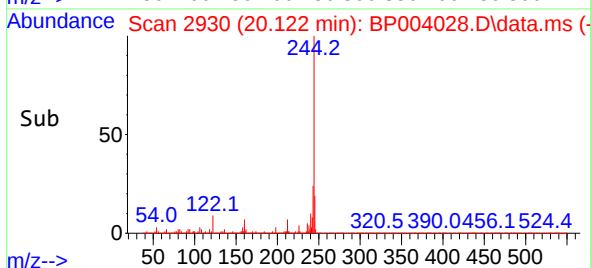
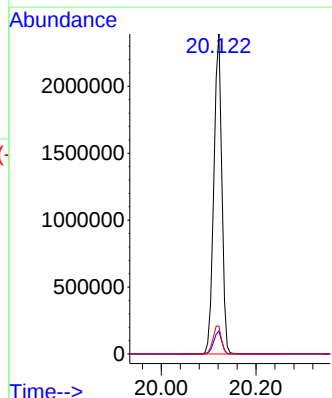
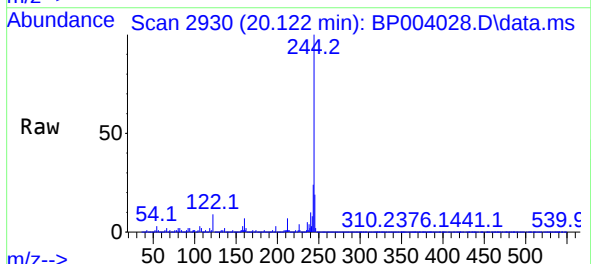
Instrument :
BNA_P
ClientSampled :
MW-14

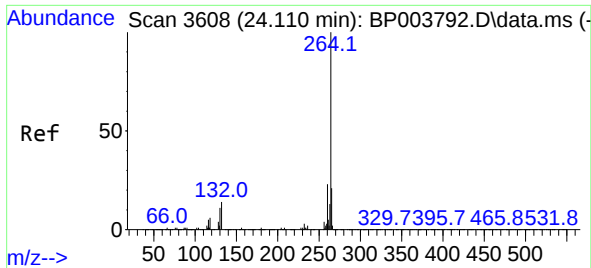
Tgt Ion:202 Resp: 277441
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.6 14.2 21.2



#79
Terphenyl-d14
Concen: 93.20 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:244 Resp: 2804500
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.121 min Scan# 3610
 Delta R.T. 0.012 min
 Lab File: BP004028.D
 Acq: 20 Nov 2020 17:26

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Tgt Ion:264 Resp: 589389
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.4 17.4 26.2

