

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004714.D
 Acq On : 11 Feb 2021 14:02
 Operator : CG/JU
 Sample : M1354-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T22-216481

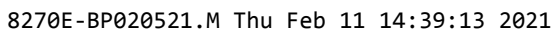
Quant Time: Feb 11 14:39:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

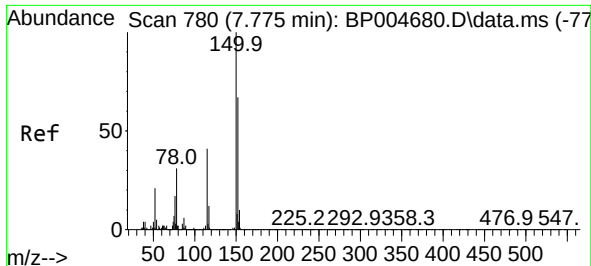
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	65466	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	243267	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	155009	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	343775	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	319763	20.00	ng	0.00
86) Perylene-d12	23.563	264	317362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	60258	14.21	ng	0.00
7) Phenol-d6	6.934	99	71905	12.33	ng	0.00
23) Nitrobenzene-d5	8.922	82	46552	8.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	25680	12.47	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	98236	7.75	ng	0.00
79) Terphenyl-d14	19.757	244	164098	8.62	ng	0.02
Target Compounds						Qvalue
32) Benzoic acid	9.852	122	139	6.89	ng	# 1
37) 2-Methylnaphthalene	12.228	142	35351	3.50	ng	# 88
38) 1-Methylnaphthalene	12.452	142	36105	3.78	ng	# 96
46) 1,1'-Biphenyl	13.251	154	53891	4.15	ng	92
51) 2,6-Dinitrotoluene	13.981	165	16223	5.90	ng	# 77
53) 3-Nitroaniline	14.334	138	19534	6.84	ng	# 40
55) Dibenzofuran	14.822	168	37443	2.39	ng	# 2
56) 4-Nitrophenol	14.646	139	13453	6.00	ng	# 1
57) 2,4-Dinitrotoluene	14.781	165	20596	5.47	ng	# 66
58) Fluorene	15.475	166	49831	3.87	ng	# 60
62) 4-Nitroaniline	15.222	138	28715	9.20	ng	78
65) 4,6-Dinitro-2-methylph...	15.522	198	4672	2.22	ng	# 1
66) n-Nitrosodiphenylamine	15.710	169	220220	19.70	ng	# 49
69) Atrazine	16.657	200	9499	2.59	ng	# 1
70) Pentachlorophenol	16.804	266	12992	4.81	ng	# 23
71) Phenanthrene	17.234	178	166328	7.90	ng	# 7
74) Di-n-butylphthalate	18.157	149	110335	4.84	ng	# 22
77) Benzidine	19.375	184	7126	3.24	ng	# 1

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

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QLast Update : Fri Feb 05 18:04:48 2021
Response via : Initial Calibration

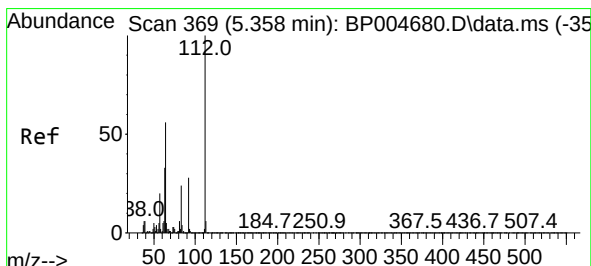
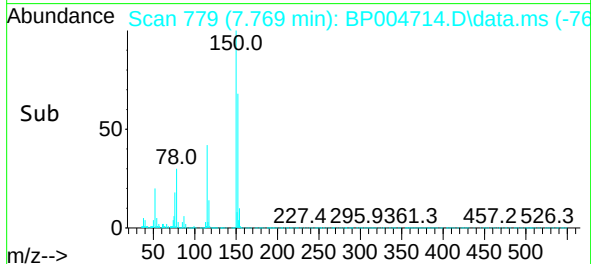
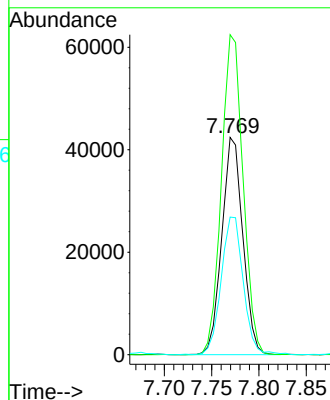
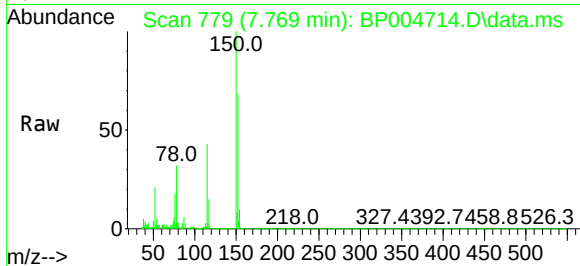




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

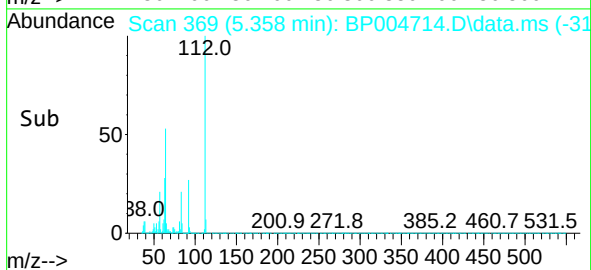
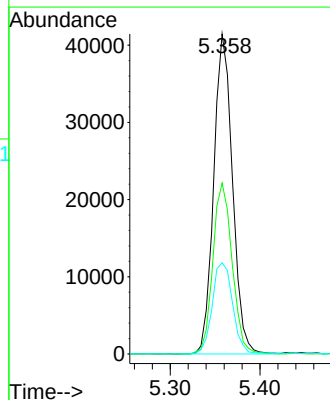
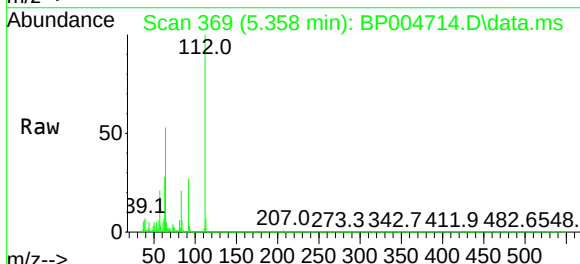
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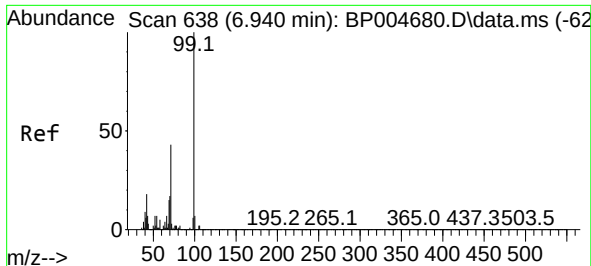
Tgt Ion:152 Resp: 65466
Ion Ratio Lower Upper
152 100
150 147.3 123.8 185.6
115 63.4 43.8 65.6



#5
2-Fluorophenol
Concen: 14.21 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:112 Resp: 60258
Ion Ratio Lower Upper
112 100
64 53.4 32.8 49.2#
63 28.5 17.0 25.4#

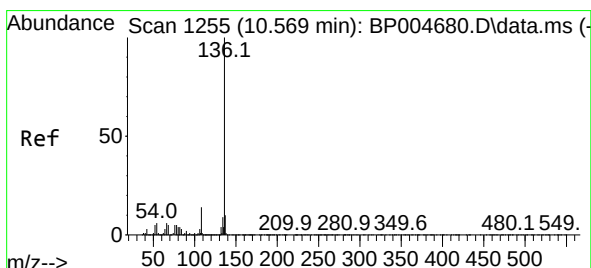
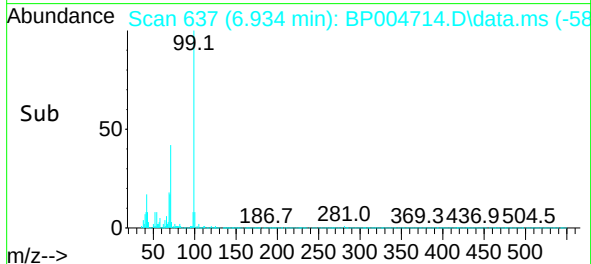
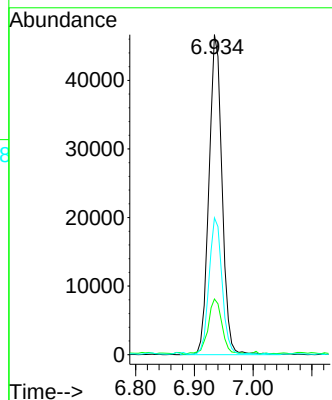
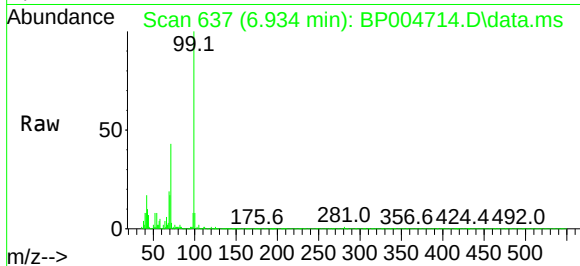




#7
Phenol-d6
Concen: 12.33 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

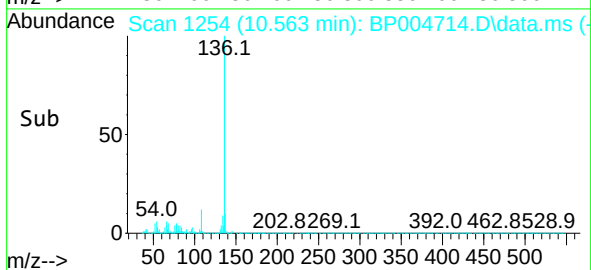
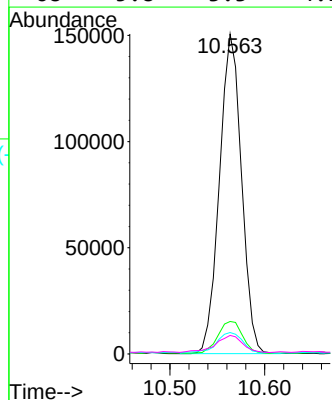
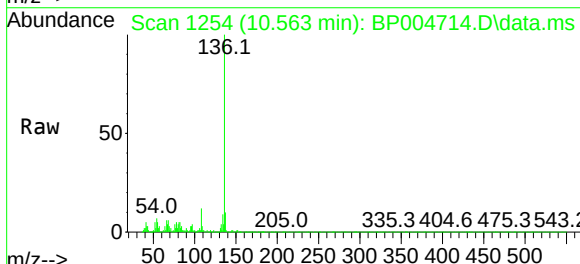
Instrument :
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ClientSampleId :
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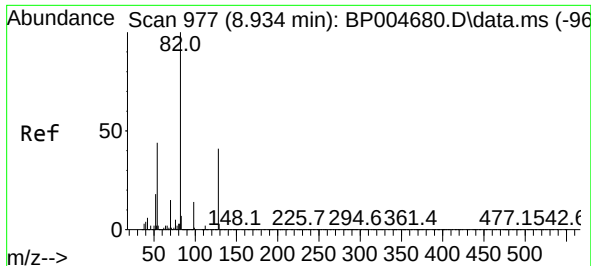
Tgt Ion: 99 Resp: 71905
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 42.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion: 136 Resp: 243267
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 6.7 3.6 5.4#
68 5.8 3.3 4.9#

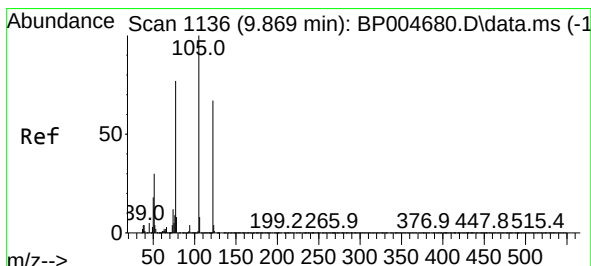
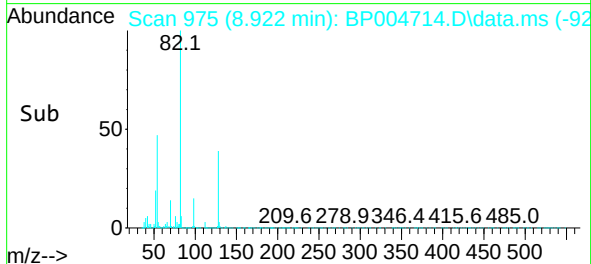
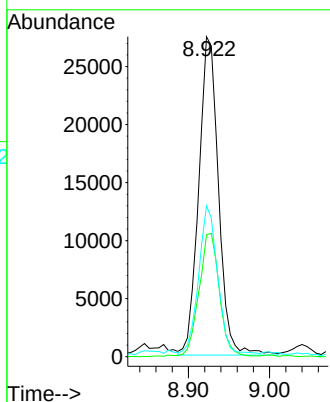
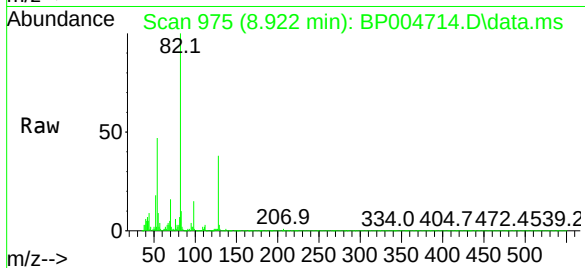




#23
Nitrobenzene-d5
Concen: 8.34 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

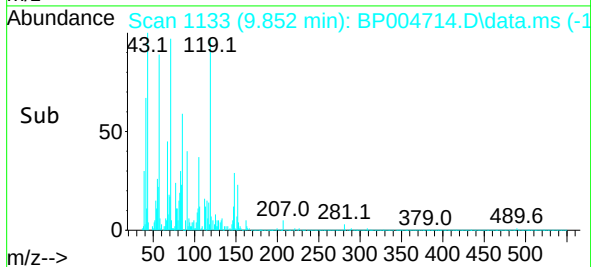
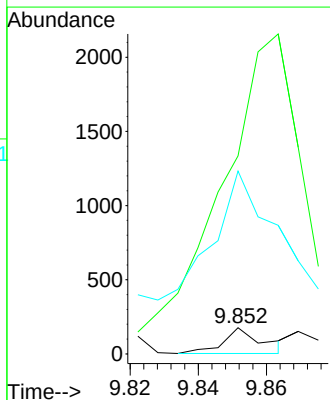
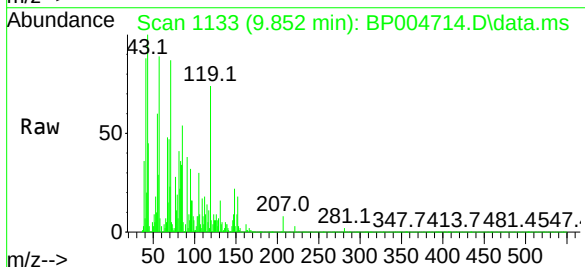
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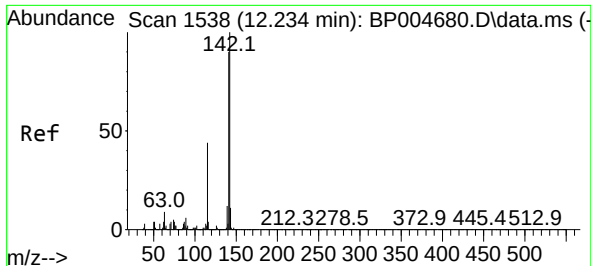
Tgt Ion: 82 Resp: 46552
Ion Ratio Lower Upper
82 100
128 38.1 45.6 68.4#
54 47.1 30.1 45.1#



#32
Benzoic acid
Concen: 6.89 ng
RT: 9.852 min Scan# 1133
Delta R.T. -0.017 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion: 122 Resp: 139
Ion Ratio Lower Upper
122 100
105 754.2 94.1 134.1#
77 696.6 50.1 90.1#

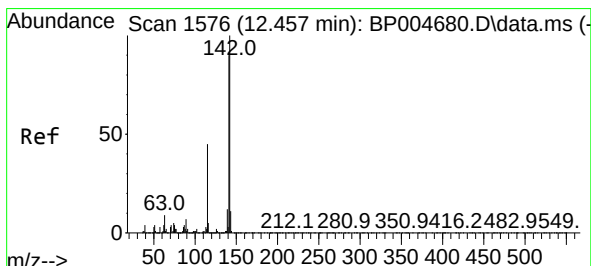
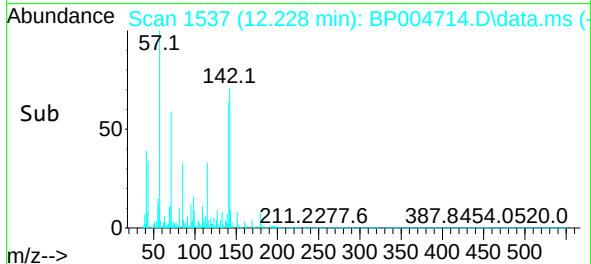
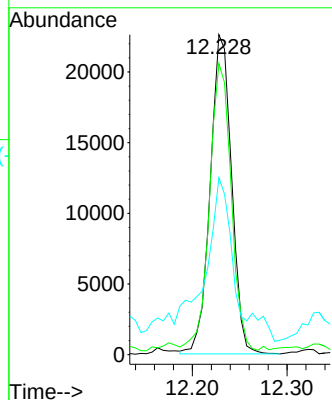
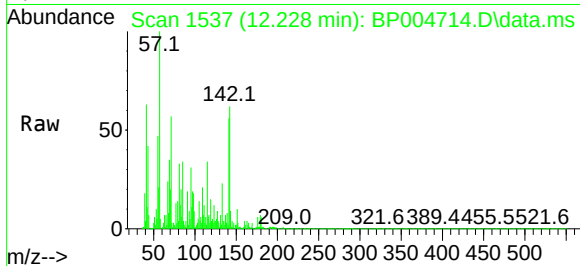




#37
2-Methylnaphthalene
Concen: 3.50 ng
RT: 12.228 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

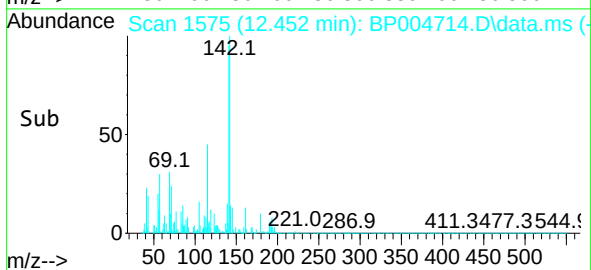
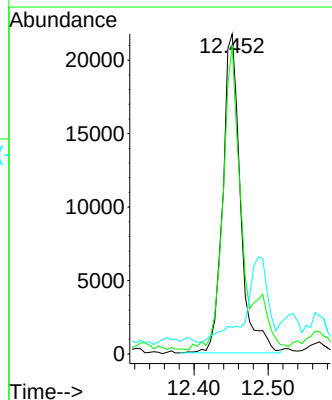
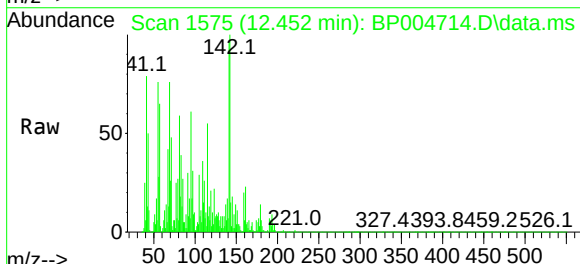
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ClientSampleId :
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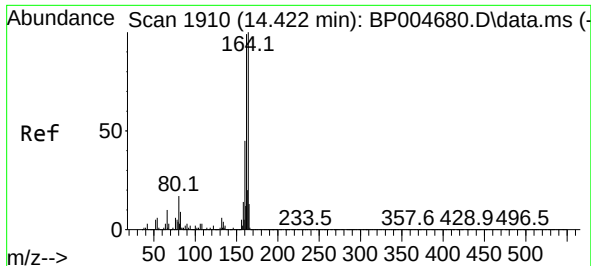
Tgt Ion:142 Resp: 35351
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.2
115 55.3 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 3.78 ng
RT: 12.452 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:142 Resp: 36105
Ion Ratio Lower Upper
142 100
141 96.4 74.4 111.6
116 8.3 2.9 4.3#

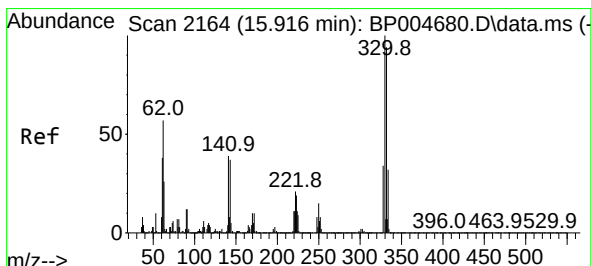
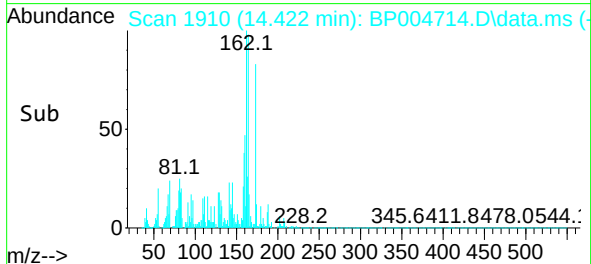
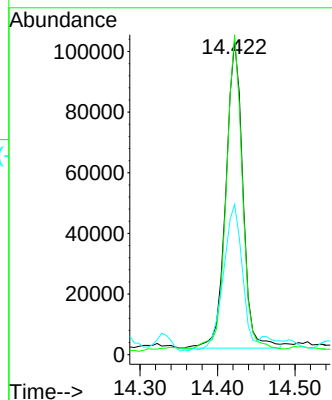
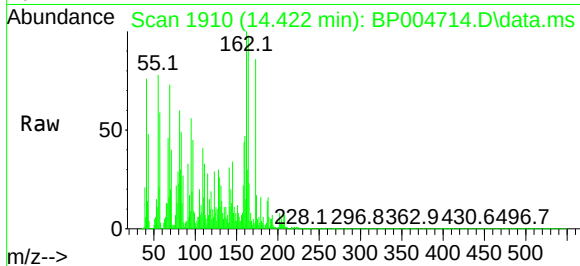




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

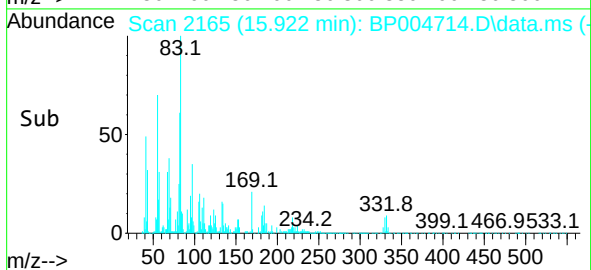
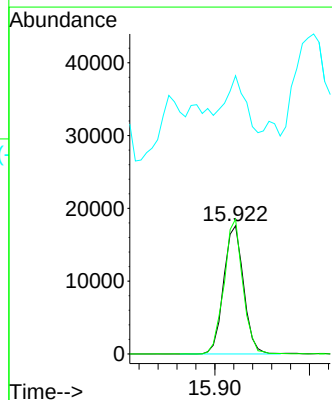
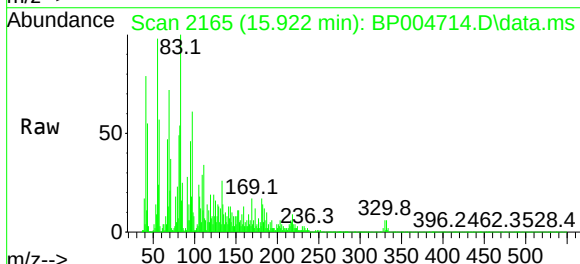
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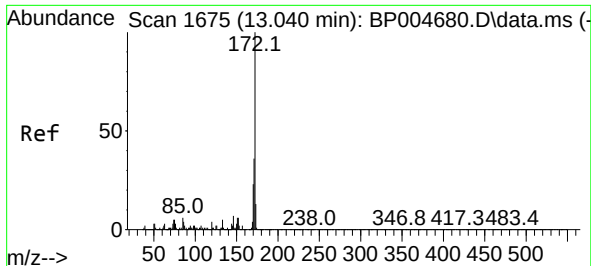
Tgt Ion:164 Resp: 155009
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 48.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.47 ng
RT: 15.922 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:330 Resp: 25680
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 38.5 23.4 35.2#

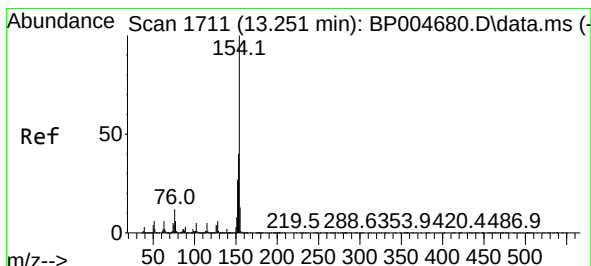
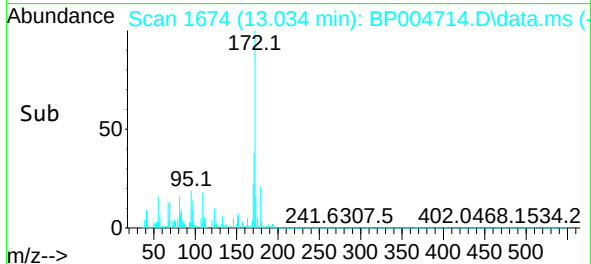
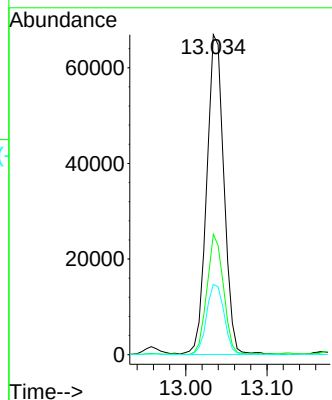
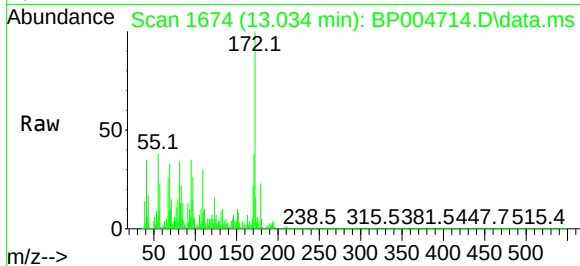




#45
2-Fluorobiphenyl
Concen: 7.75 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

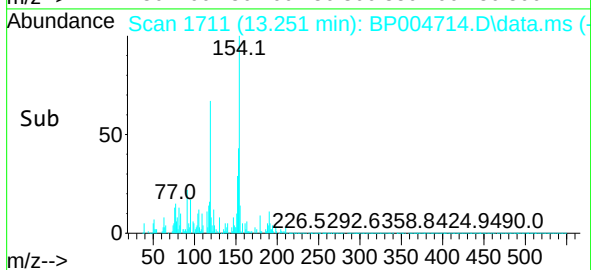
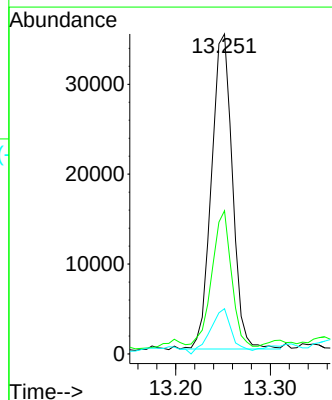
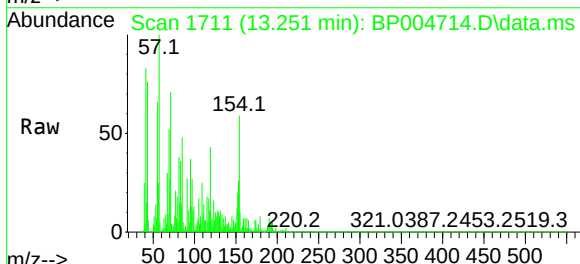
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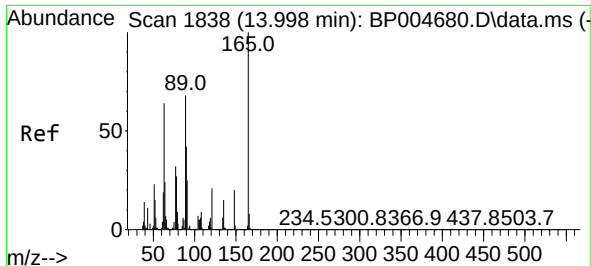
Tgt Ion:172 Resp: 98236
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 22.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 4.15 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:154 Resp: 53891
Ion Ratio Lower Upper
154 100
153 44.7 20.4 60.4
76 14.2 0.0 29.3

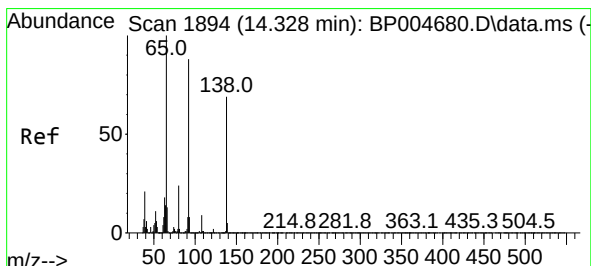
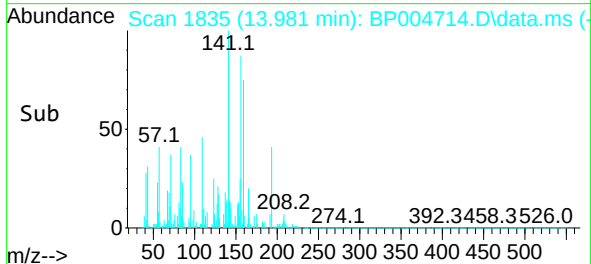
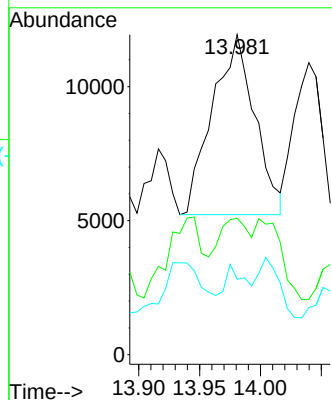
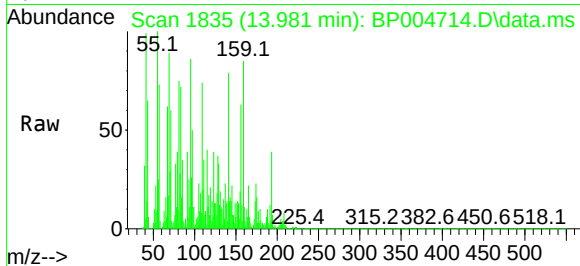




#51
2,6-Dinitrotoluene
Concen: 5.90 ng
RT: 13.981 min Scan# 1835
Delta R.T. -0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

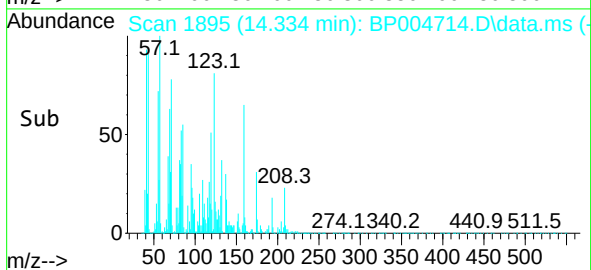
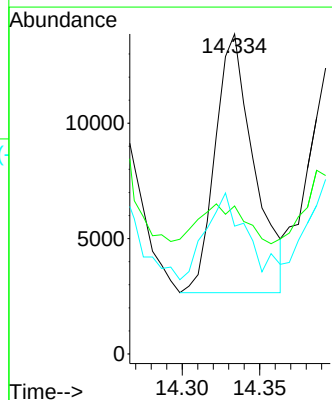
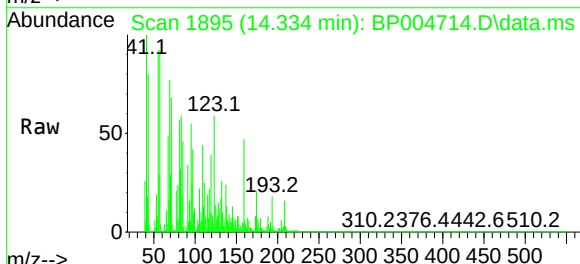
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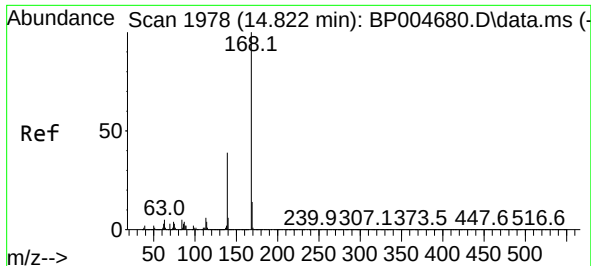
Tgt Ion:165 Resp: 16223
Ion Ratio Lower Upper
165 100
63 42.6 27.8 41.6#
89 23.6 34.6 52.0#



#53
3-Nitroaniline
Concen: 6.84 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:138 Resp: 19534
Ion Ratio Lower Upper
138 100
108 46.3 7.5 11.3#
92 39.9 75.0 112.6#

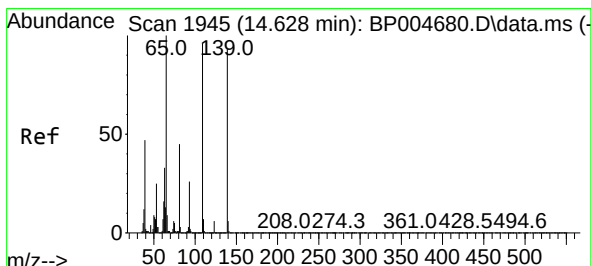
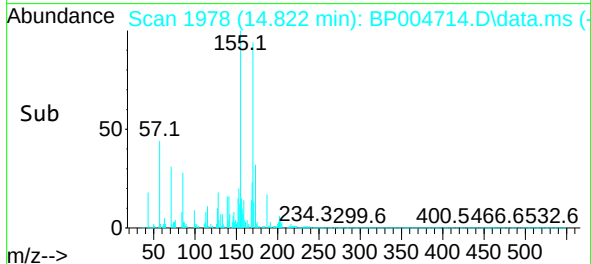
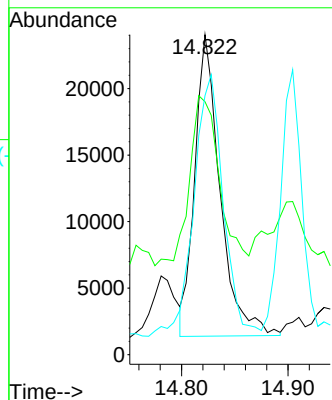
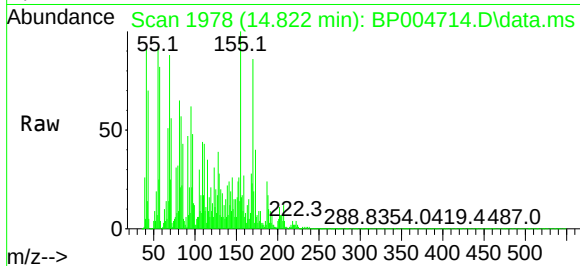




#55
Dibenzofuran
Concen: 2.39 ng
RT: 14.822 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

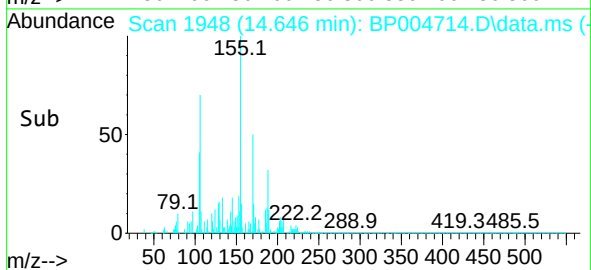
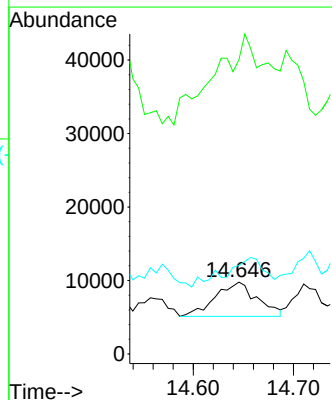
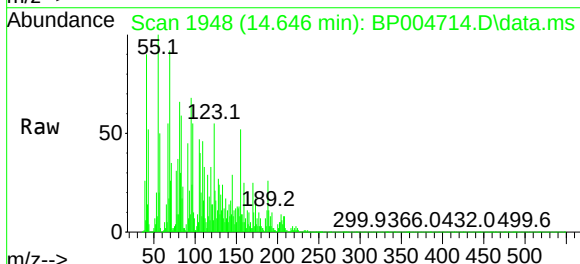
Instrument :
BNA_P
ClientSampleId :
T22-216481

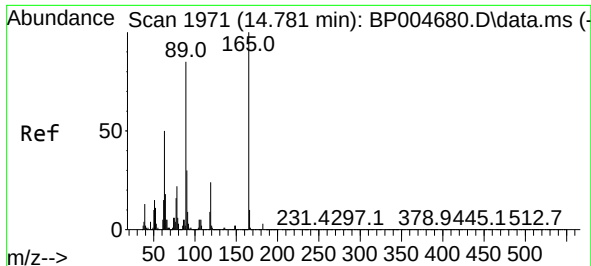
Tgt Ion:168 Resp: 37443
Ion Ratio Lower Upper
168 100
139 79.1 29.1 43.7#
169 80.9 10.4 15.6#



#56
4-Nitrophenol
Concen: 6.00 ng
RT: 14.646 min Scan# 1948
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:139 Resp: 13453
Ion Ratio Lower Upper
139 100
109 409.8 44.6 84.6#
65 123.1 41.6 81.6#

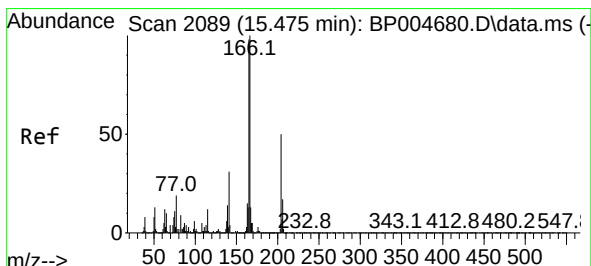
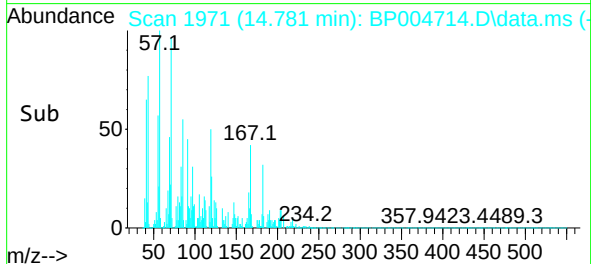
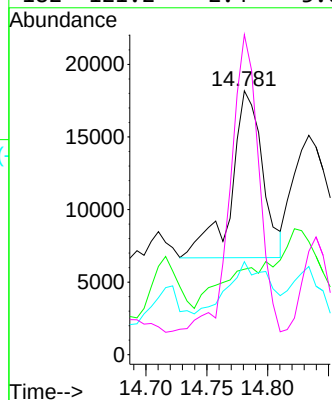
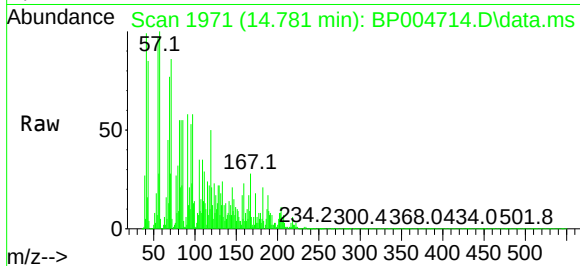




#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 14.781 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

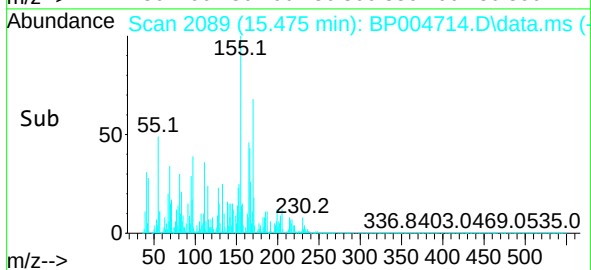
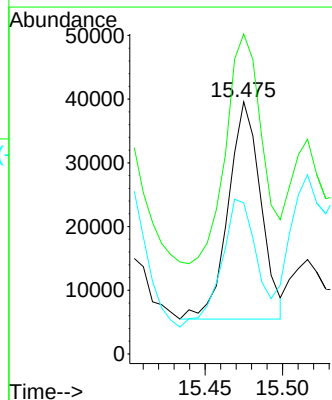
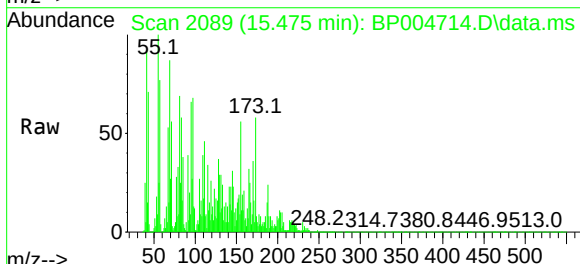
Instrument :
BNA_P
ClientSampled :
T22-216481

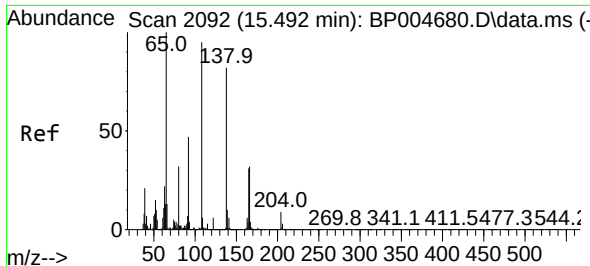
Tgt Ion:165 Resp: 20596
Ion Ratio Lower Upper
165 100
63 32.4 20.6 31.0#
89 35.2 42.6 63.8#
182 121.2 2.4 3.6#



#58
Fluorene
Concen: 3.87 ng
RT: 15.475 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:166 Resp: 49831
Ion Ratio Lower Upper
166 100
165 126.9 77.8 116.8#
167 59.9 11.0 16.4#

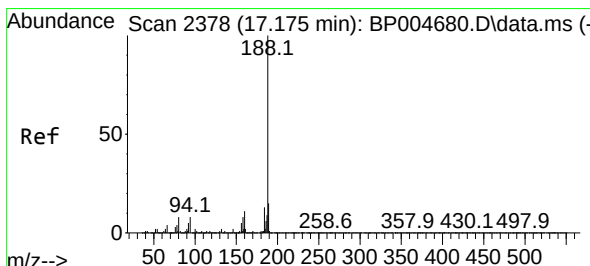
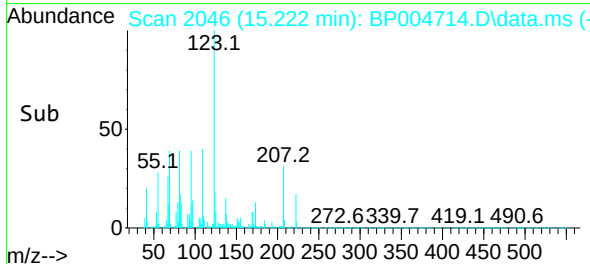
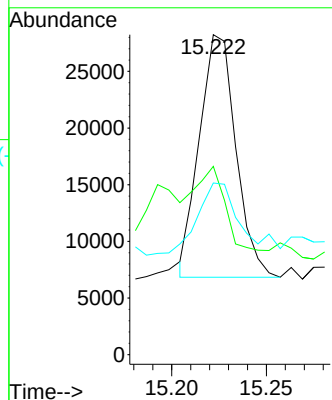
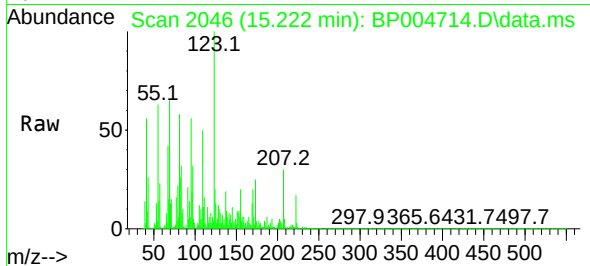




#62
4-Nitroaniline
Concen: 9.20 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.270 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

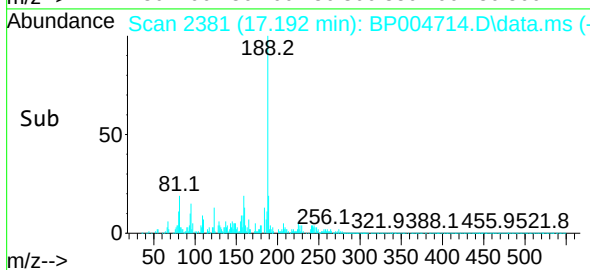
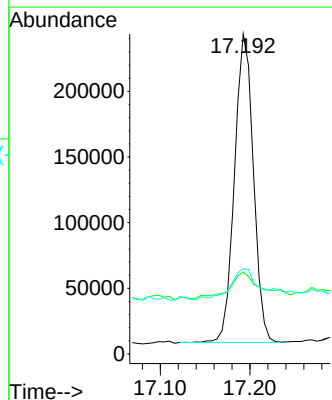
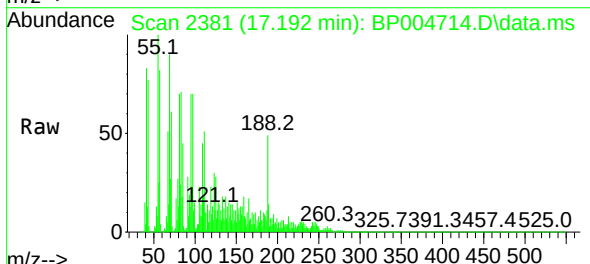
Instrument :
BNA_P
ClientSampleId :
T22-216481

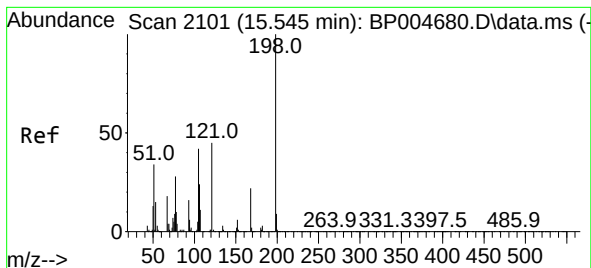
Tgt Ion:138 Resp: 28715
Ion Ratio Lower Upper
138 100
92 58.9 20.7 60.7
108 53.7 47.8 87.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:188 Resp: 343775
Ion Ratio Lower Upper
188 100
94 25.6 6.2 9.2#
80 26.6 6.2 9.2#

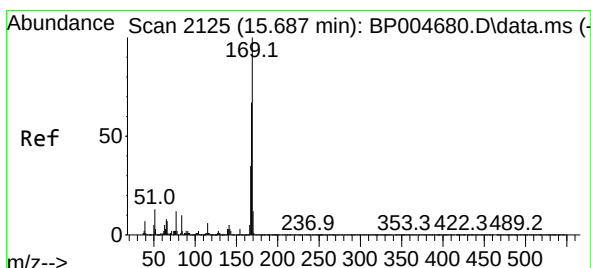
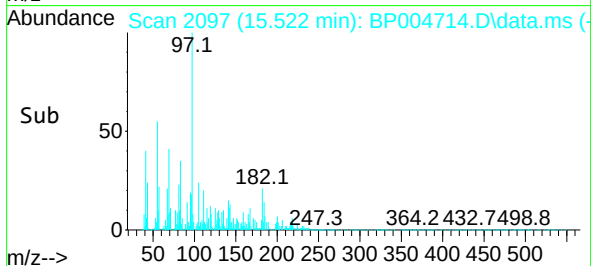
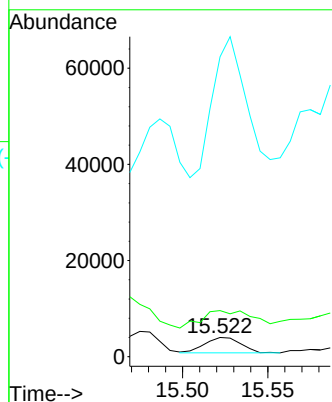
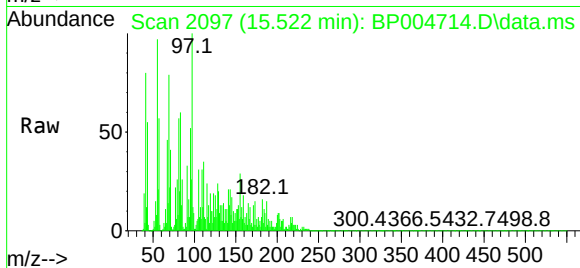




#65
4,6-Dinitro-2-methylphenol
Concen: 2.22 ng
RT: 15.522 min Scan# 2097
Delta R.T. -0.023 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

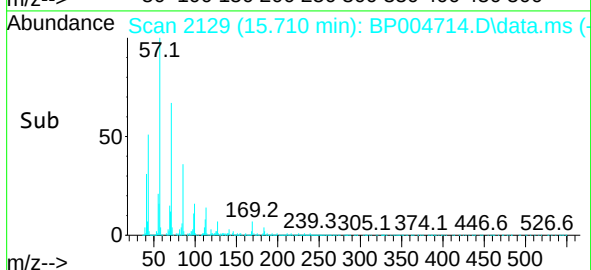
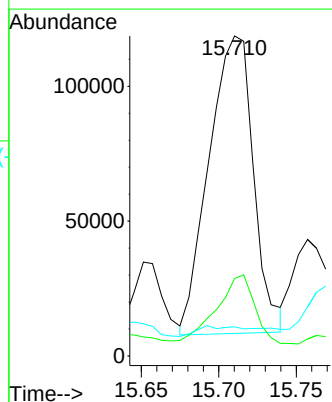
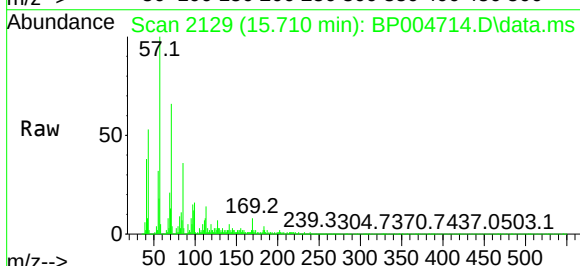
Instrument :
BNA_P
ClientSampleId :
T22-216481

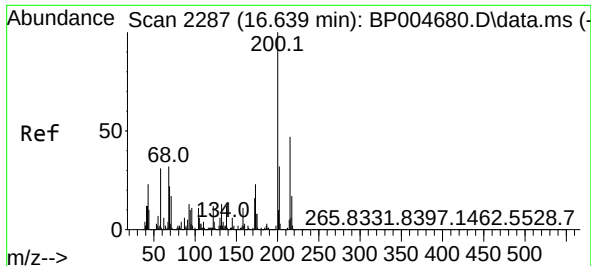
Tgt Ion:198 Resp: 4672
Ion Ratio Lower Upper
198 100
51 239.0 6.4 46.4#
105 1556.5 18.9 58.9#



#66
n-Nitrosodiphenylamine
Concen: 19.70 ng
RT: 15.710 min Scan# 2129
Delta R.T. 0.024 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:169 Resp: 220220
Ion Ratio Lower Upper
169 100
168 24.2 53.8 80.6#
167 9.1 28.9 43.3#

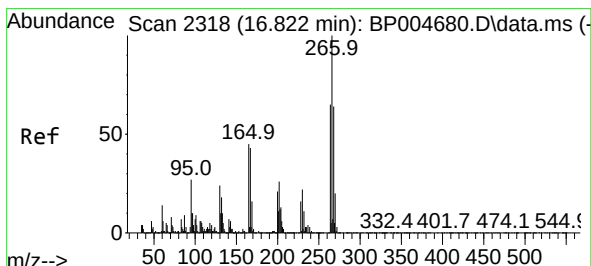
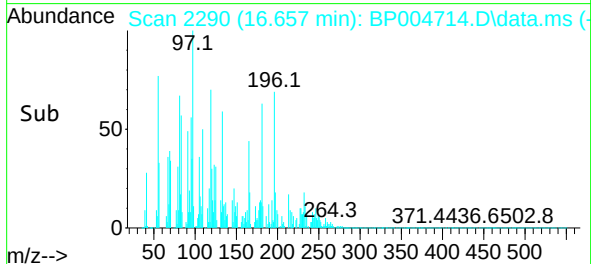
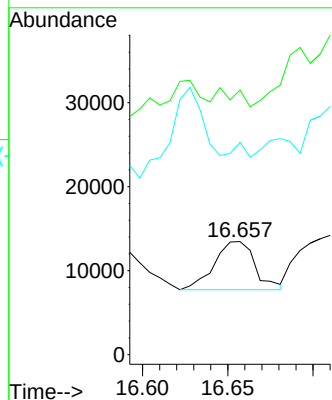
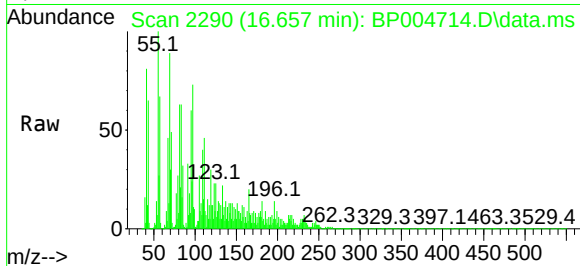




#69
Atrazine
Concen: 2.59 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

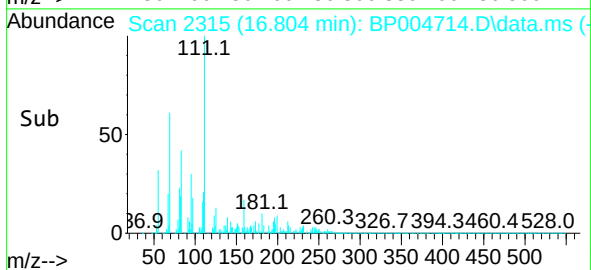
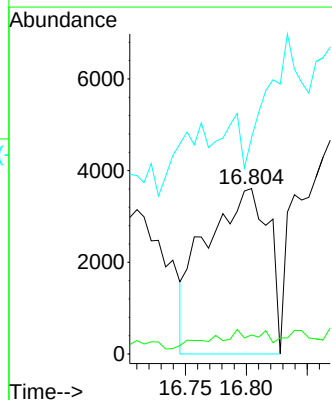
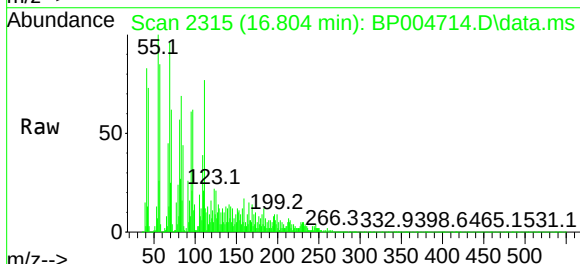
Instrument :
BNA_P
ClientSampleId :
T22-216481

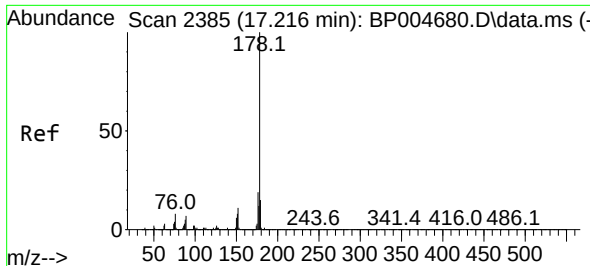
Tgt Ion:200 Resp: 9499
Ion Ratio Lower Upper
200 100
173 233.9 5.9 45.9#
215 187.6 28.4 68.4#



#70
Pentachlorophenol
Concen: 4.81 ng
RT: 16.804 min Scan# 2315
Delta R.T. -0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:266 Resp: 12992
Ion Ratio Lower Upper
266 100
268 11.5 51.1 76.7#
264 130.7 50.6 76.0#

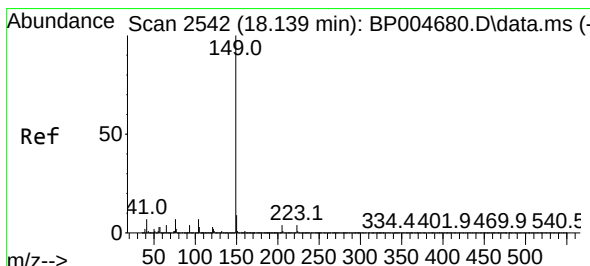
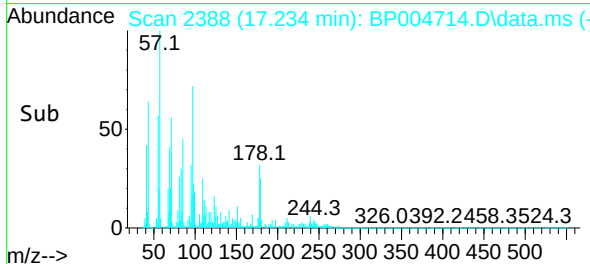
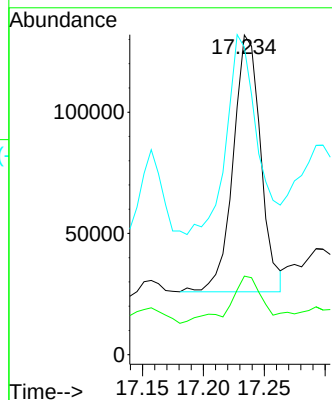
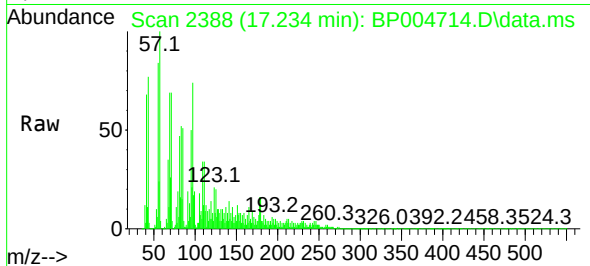




#71
Phenanthrene
Concen: 7.90 ng
RT: 17.234 min Scan# 2388
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

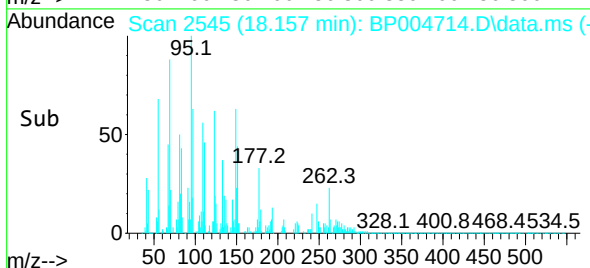
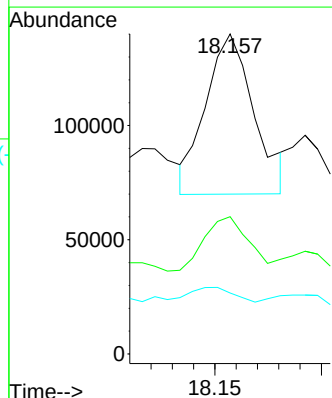
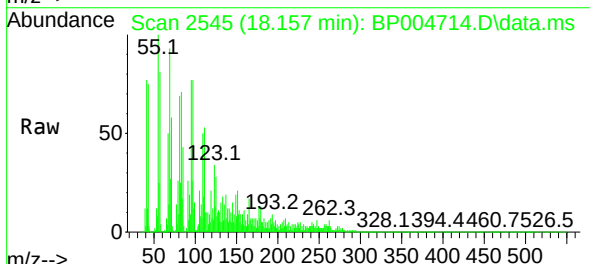
Instrument :
BNA_P
ClientSampleId :
T22-216481

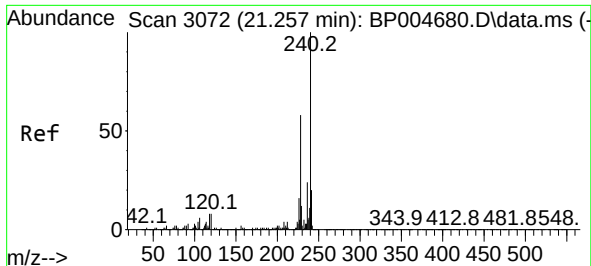
Tgt Ion:178 Resp: 166328
Ion Ratio Lower Upper
178 100
176 24.6 15.3 22.9#
179 96.2 12.5 18.7#



#74
Di-n-butylphthalate
Concen: 4.84 ng
RT: 18.157 min Scan# 2545
Delta R.T. 0.018 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:149 Resp: 110335
Ion Ratio Lower Upper
149 100
150 42.9 7.3 10.9#
104 19.1 3.4 5.0#

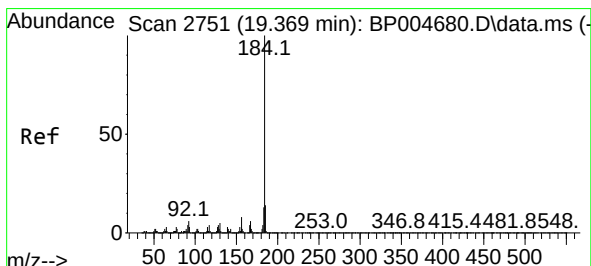
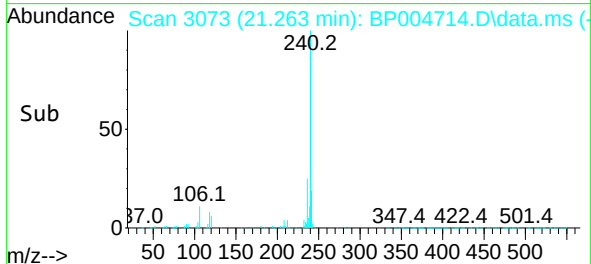
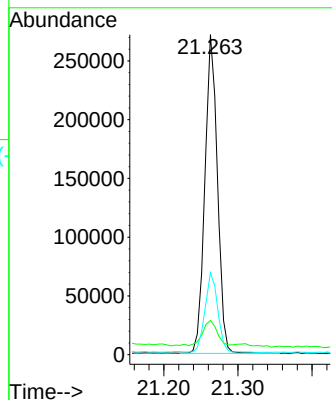
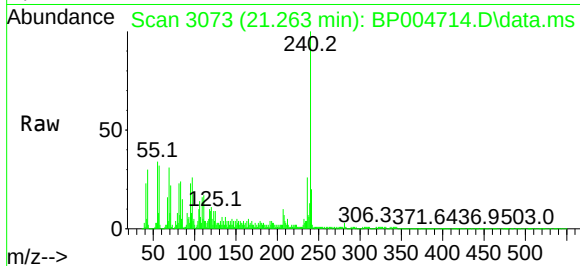




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

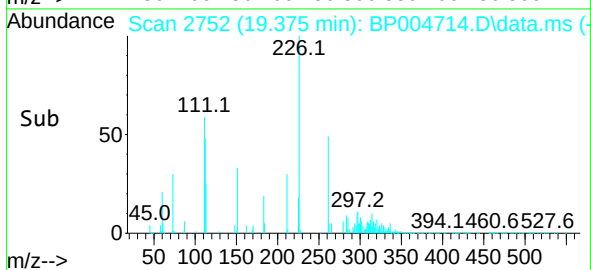
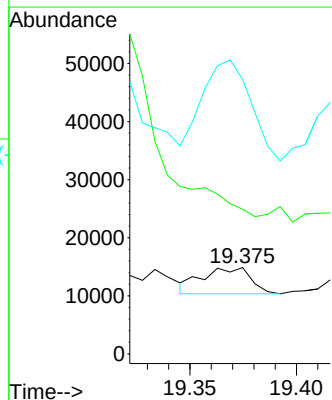
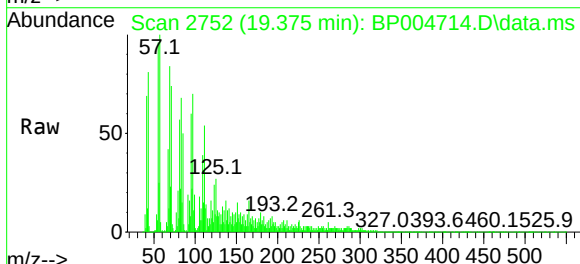
Instrument :
BNA_P
ClientSampleId :
T22-216481

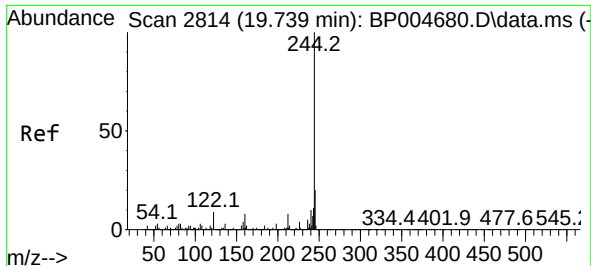
Tgt Ion:240 Resp: 319763
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.7 20.8 31.2



#77
Benzidine
Concen: 3.24 ng
RT: 19.375 min Scan# 2752
Delta R.T. 0.006 min
Lab File: BP004714.D
Acq: 11 Feb 2021 14:02

Tgt Ion:184 Resp: 7126
Ion Ratio Lower Upper
184 100
185 167.6 11.5 17.3#
183 318.1 9.6 14.4#

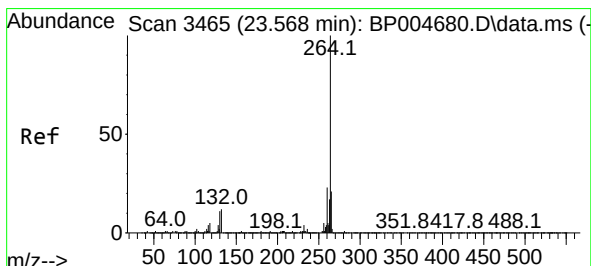
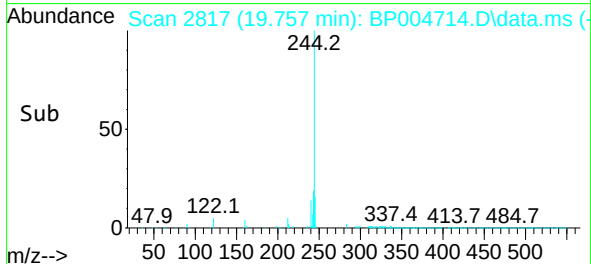
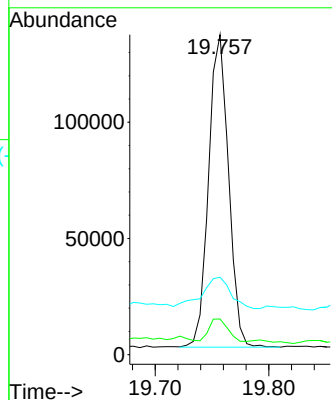
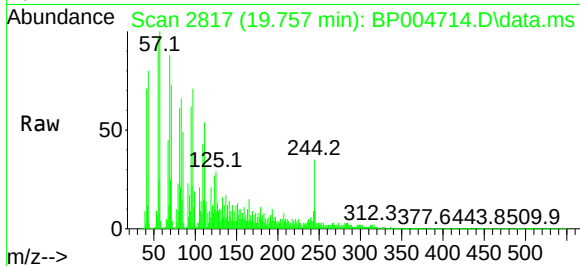




#79
 Terphenyl-d14
 Concen: 8.62 ng
 RT: 19.757 min Scan# 2817
 Delta R.T. 0.018 min
 Lab File: BP004714.D
 Acq: 11 Feb 2021 14:02

Instrument :
 BNA_P
 ClientSampled :
 T22-216481

Tgt Ion:244 Resp: 164098
 Ion Ratio Lower Upper
 244 100
 212 11.2 5.8 8.6#
 122 24.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.563 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: BP004714.D
 Acq: 11 Feb 2021 14:02

Tgt Ion:264 Resp: 317362
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.4 17.4 26.2

