

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005640.D
 Acq On : 28 May 2021 15:48
 Operator : CG/JU
 Sample : M2532-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-N-(MH-10.29)

Quant Time: May 28 16:15:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

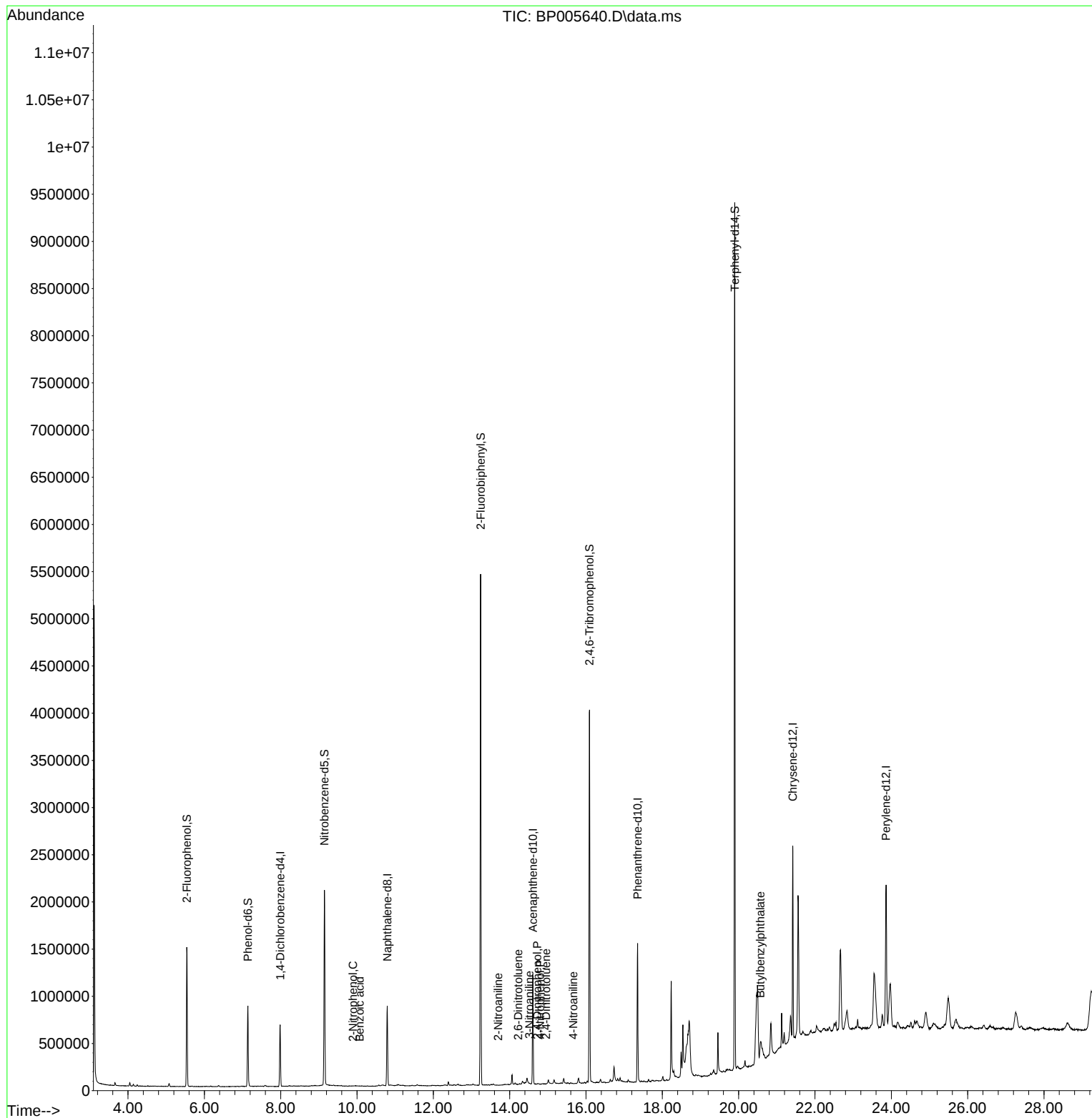
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	173899	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	662771	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	400353	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	841924	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	991240	20.00	ng	# 0.00
86) Perylene-d12	23.862	264	1173781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	616972	55.16	ng	0.00
7) Phenol-d6	7.140	99	452249	29.66	ng	0.00
23) Nitrobenzene-d5	9.146	82	1171783	98.33	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	755692	147.20	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2577768	85.21	ng	0.00
79) Terphenyl-d14	19.898	244	4026133	76.22	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	98	4.17	ng	# 1
32) Benzoic acid	10.069	122	332	5.07	ng	# 14
48) 2-Nitroaniline	13.698	65	177	4.51	ng	# 48
51) 2,6-Dinitrotoluene	14.222	165	172	5.08	ng	# 1
53) 3-Nitroaniline	14.516	138	124	3.67	ng	# 1
54) 2,4-Dinitrophenol	14.722	184	186	6.59	ng	# 13
56) 4-Nitrophenol	14.798	139	298	3.79	ng	# 58
57) 2,4-Dinitrotoluene	14.951	165	258	4.29	ng	# 88
62) 4-Nitroaniline	15.669	138	263	3.66	ng	# 38
80) Butylbenzylphthalate	20.569	149	3011	4.23	ng	# 72

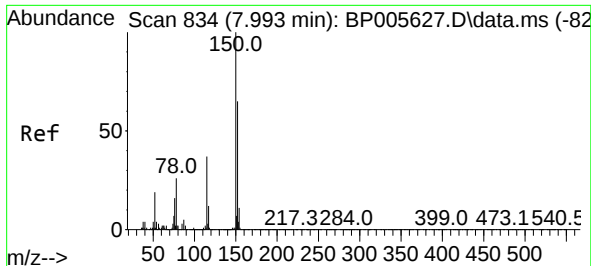
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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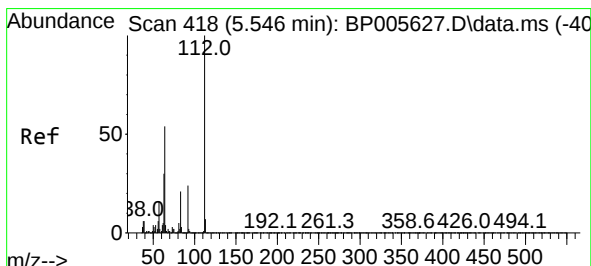
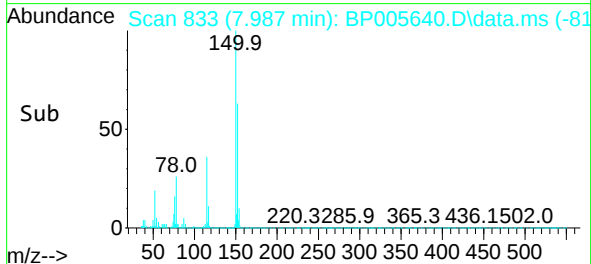
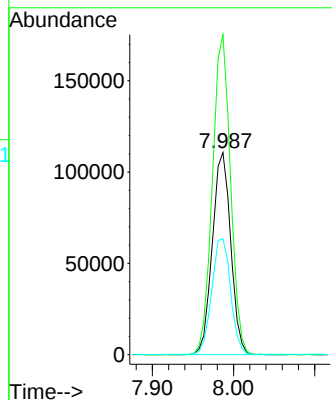
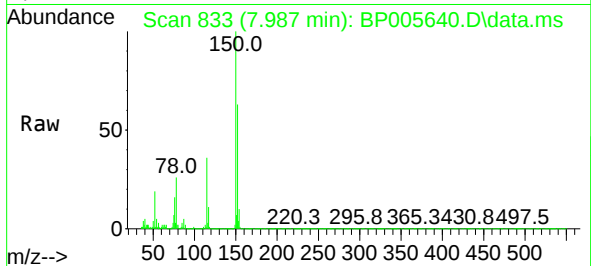




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

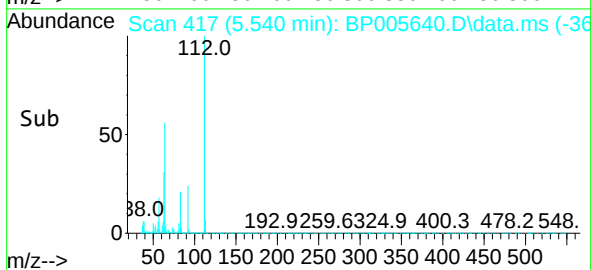
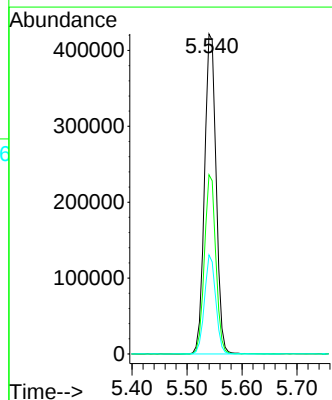
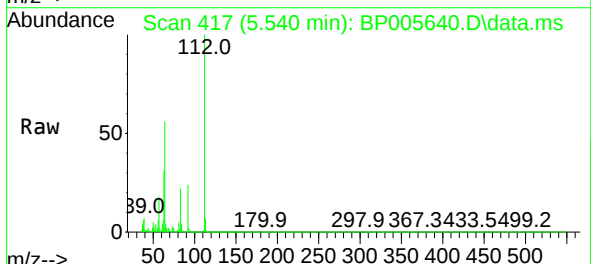
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

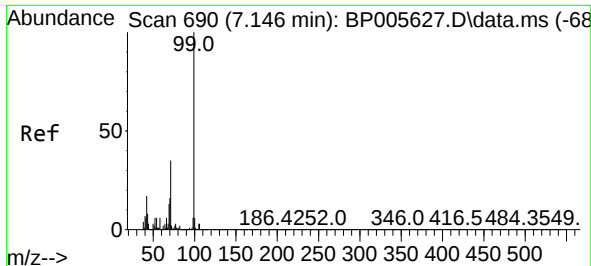
Tgt Ion:152 Resp: 173899
Ion Ratio Lower Upper
152 100
150 158.4 119.8 179.8
115 57.4 49.0 73.4



#5
2-Fluorophenol
Concen: 55.16 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:112 Resp: 616972
Ion Ratio Lower Upper
112 100
64 56.0 33.6 50.4#
63 30.9 18.6 27.8#

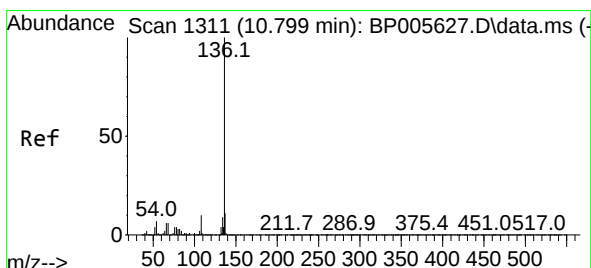
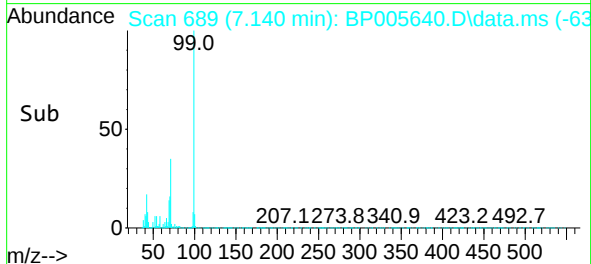
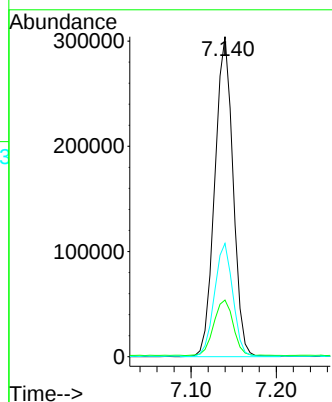
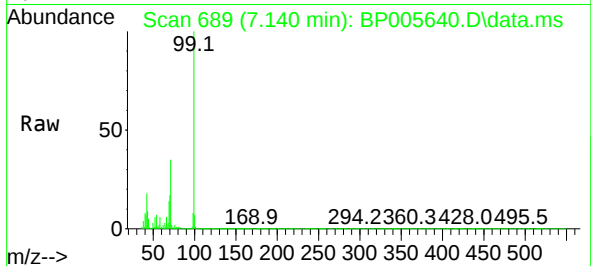




#7
Phenol-d6
Concen: 29.66 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

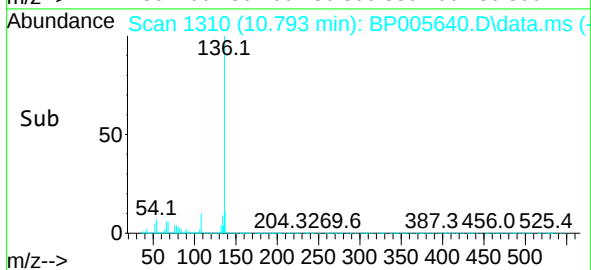
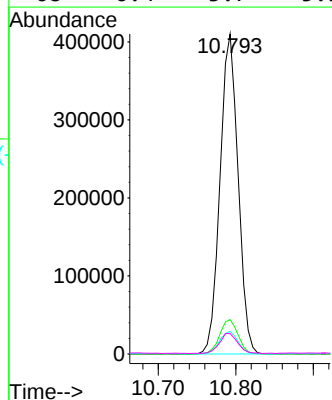
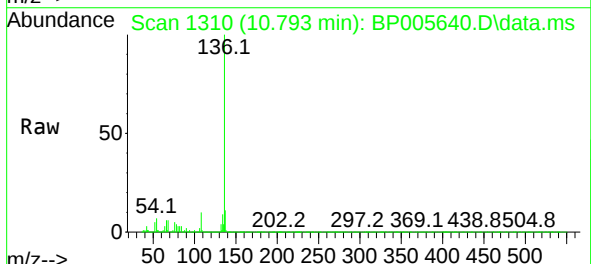
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

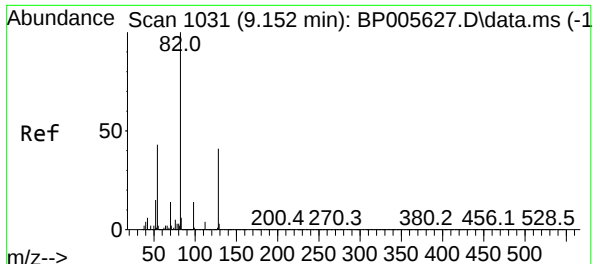
Tgt Ion:	99	Resp:	452249
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	35.4	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:	136	Resp:	662771
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	5.0	7.4
68	6.4	3.7	5.5

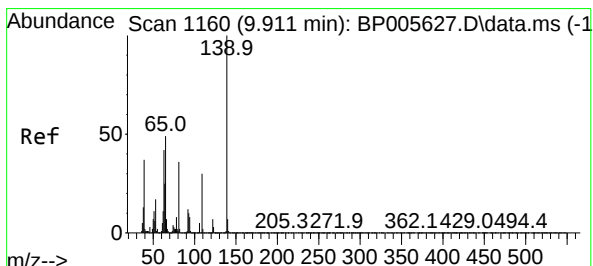
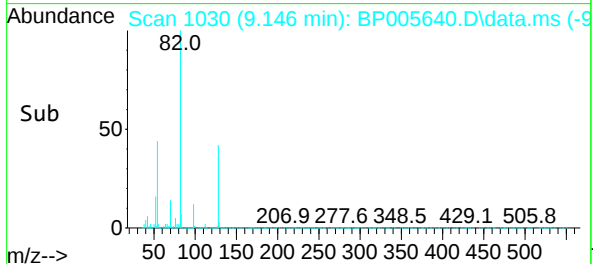
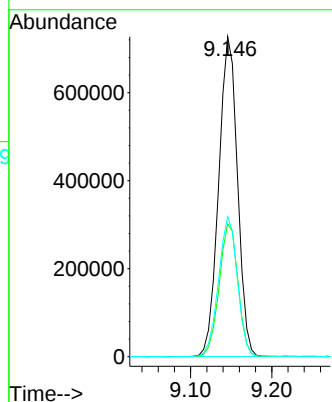
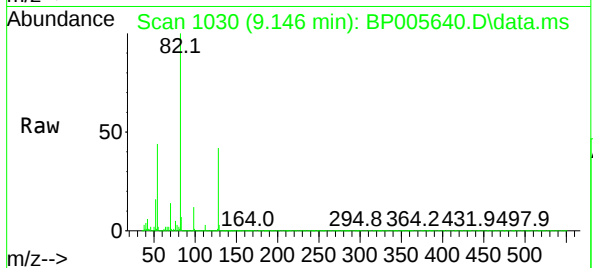




#23
Nitrobenzene-d5
Concen: 98.33 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

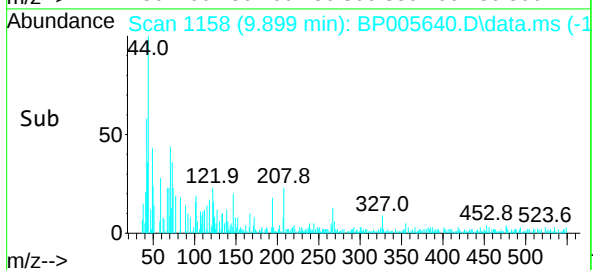
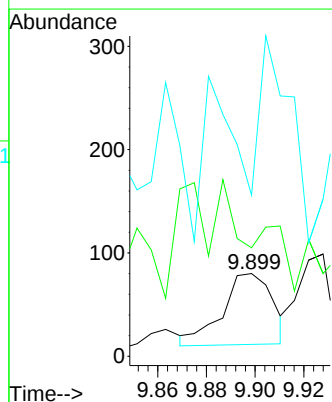
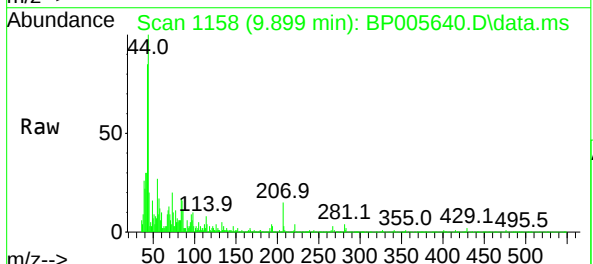
Instrument :
BNA_P
ClientSampleId :
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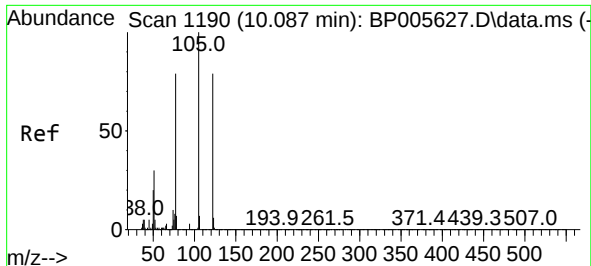
Tgt Ion: 82 Resp: 1171783
Ion Ratio Lower Upper
82 100
128 41.5 30.5 45.7
54 43.8 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion: 139 Resp: 98
Ion Ratio Lower Upper
139 100
109 131.3 40.7 61.1#
65 195.0 47.8 71.6#

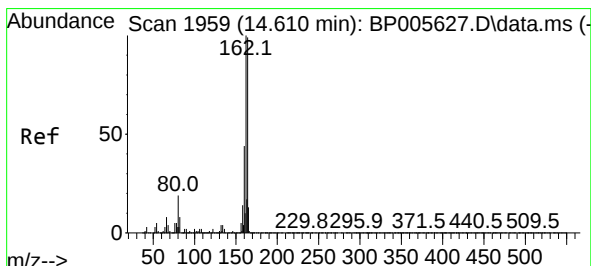
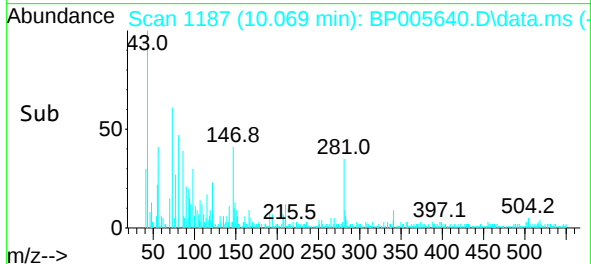
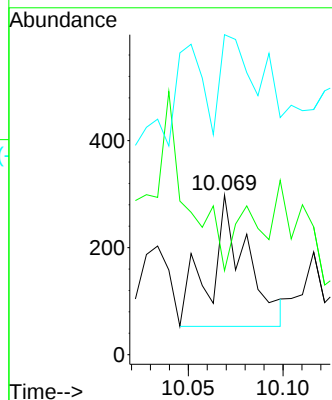
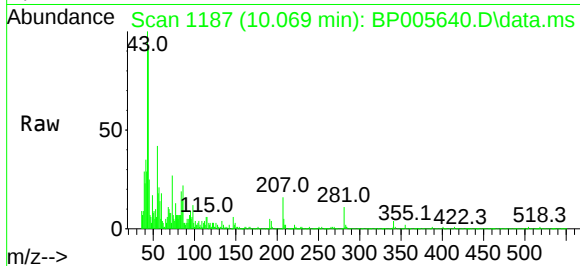




#32
Benzoic acid
Concen: 5.07 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.018 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

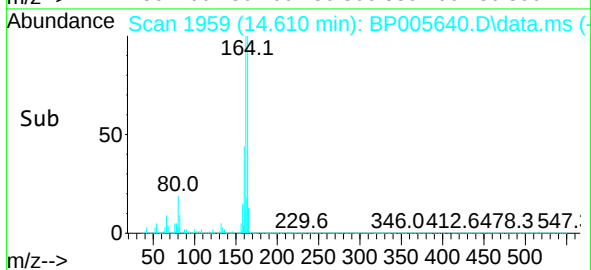
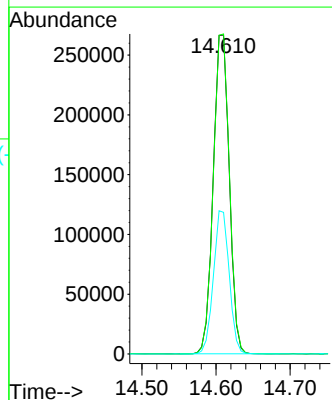
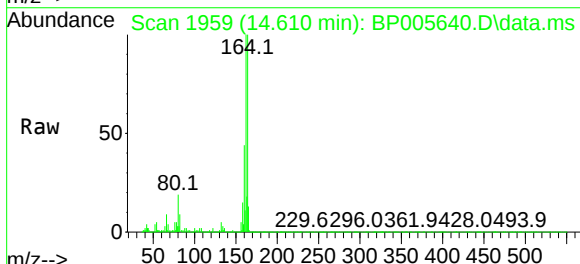
Instrument :
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ClientSampleId :
MH-N-(MH-10.29)

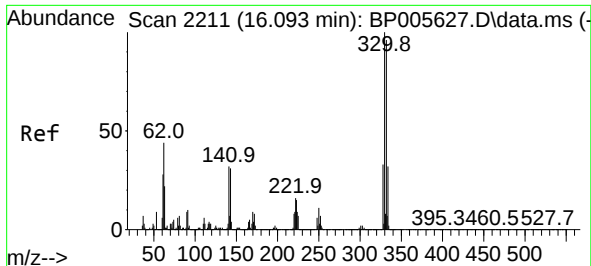
Tgt Ion:122 Resp: 332
Ion Ratio Lower Upper
122 100
105 52.7 105.1 145.1#
77 200.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:164 Resp: 400353
Ion Ratio Lower Upper
164 100
162 100.4 73.5 110.3
160 44.4 40.6 61.0

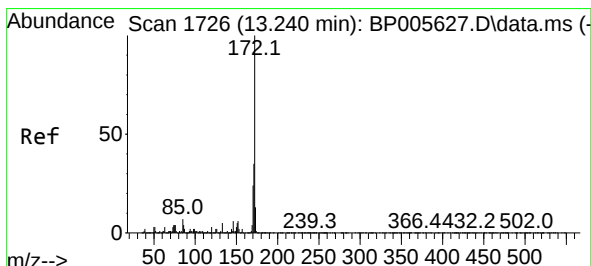
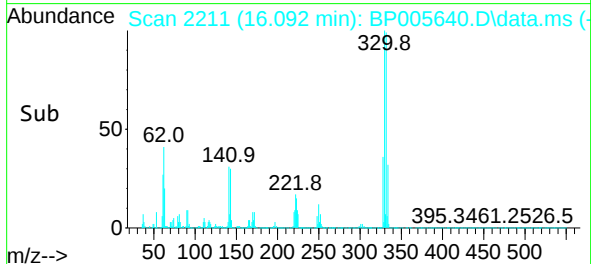
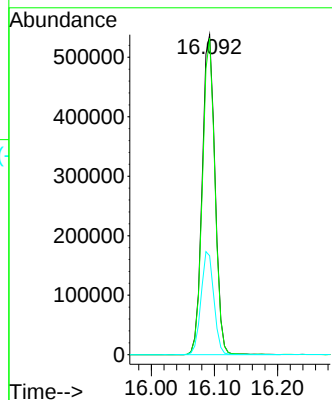
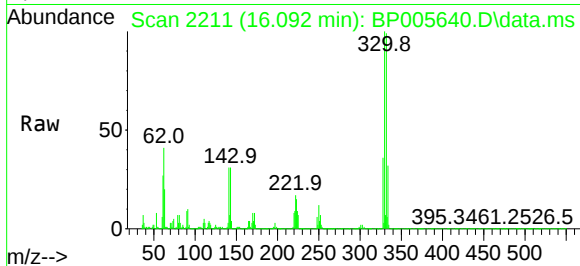




#42
2,4,6-Tribromophenol
Concen: 147.20 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

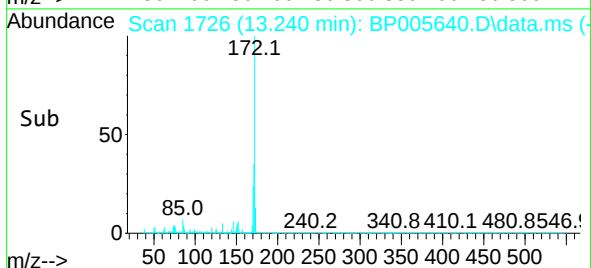
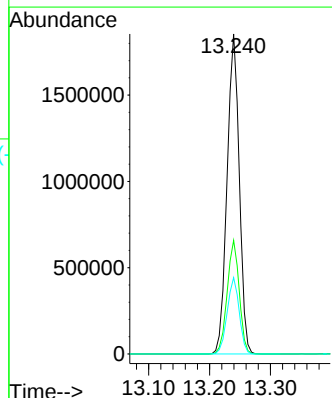
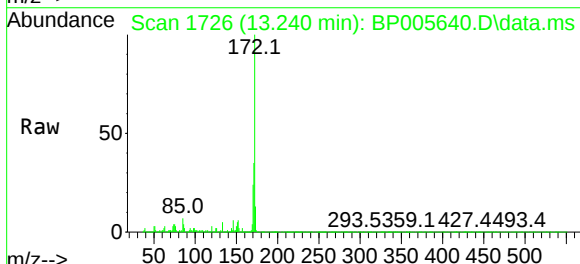
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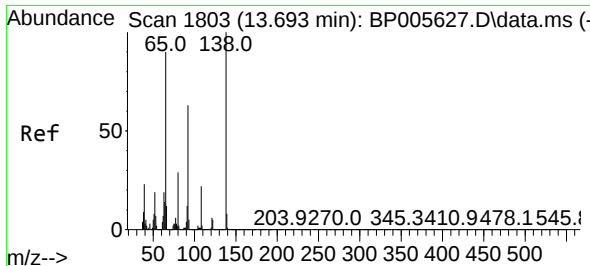
Tgt Ion:330 Resp: 755692
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 32.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 85.21 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:172 Resp: 2577768
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.9 19.6 29.4

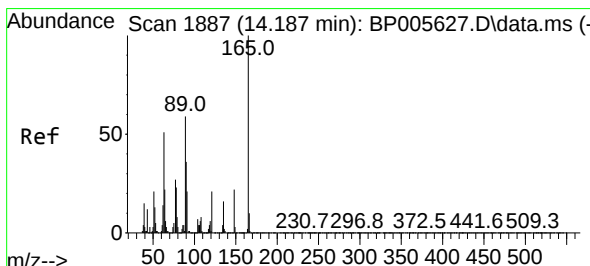
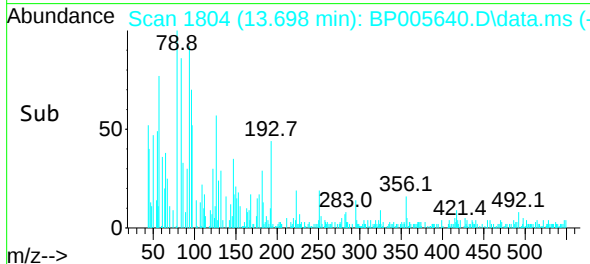
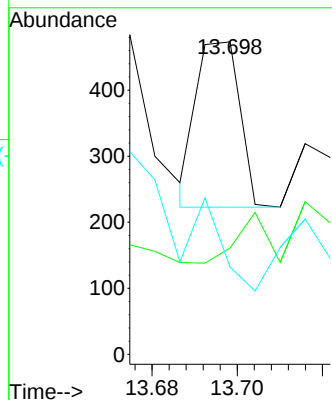
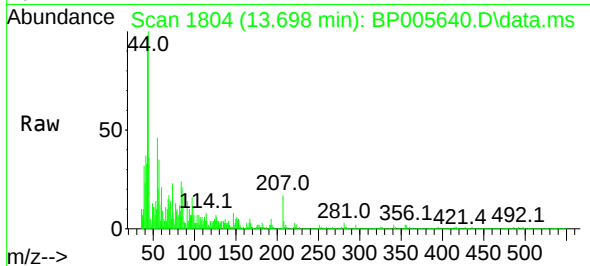




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

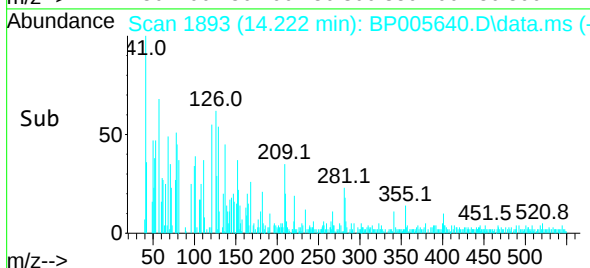
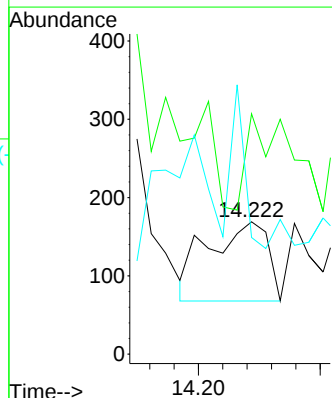
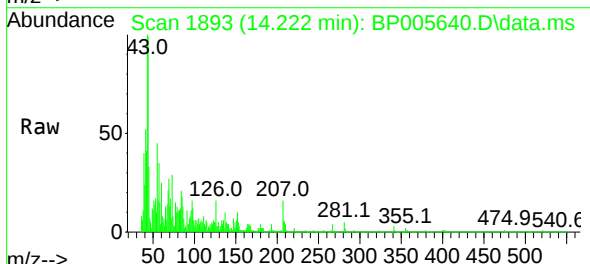
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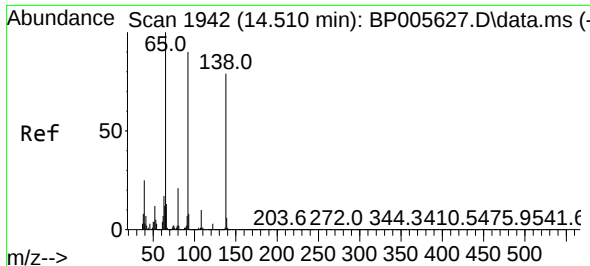
Tgt Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 34.0 48.8 73.2#
138 27.9 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.035 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion: 165 Resp: 172
Ion Ratio Lower Upper
165 100
63 267.5 67.4 101.0#
89 88.2 73.8 110.6

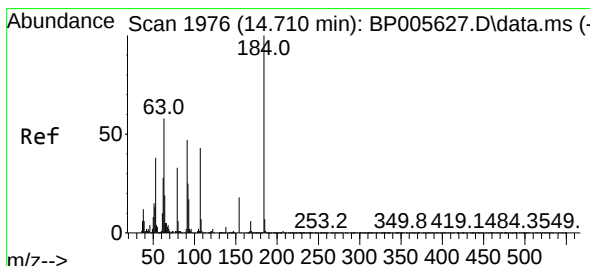
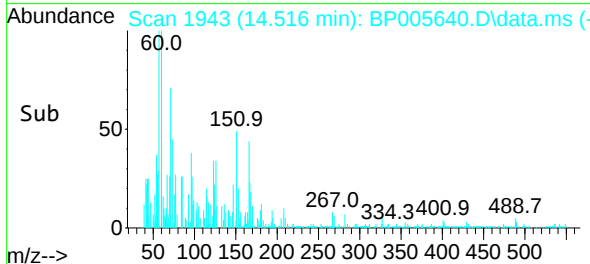
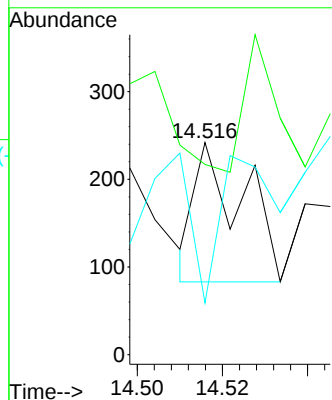
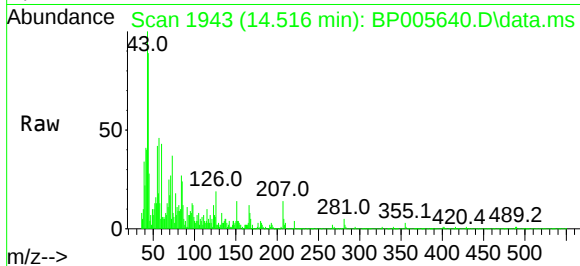




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

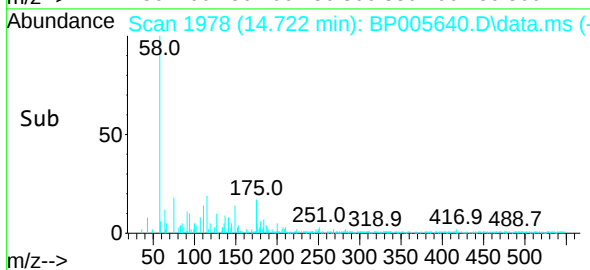
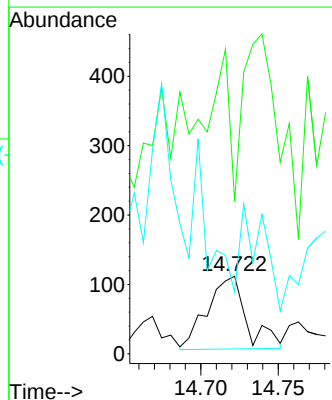
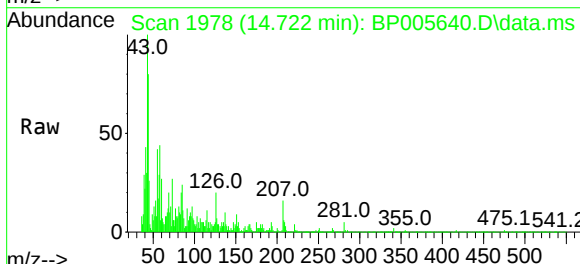
Instrument :
BNA_P
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MH-N-(MH-10.29)

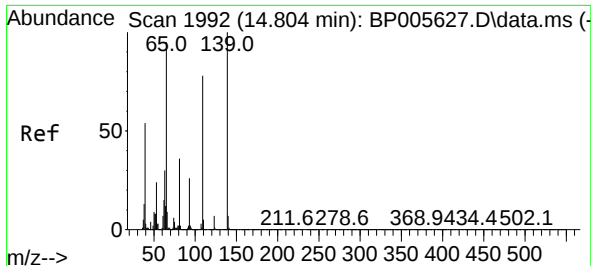
Tgt Ion:138 Resp: 124
Ion Ratio Lower Upper
138 100
108 89.7 10.2 15.4#
92 24.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.59 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:184 Resp: 186
Ion Ratio Lower Upper
184 100
63 196.4 51.2 76.8#
154 79.5 55.8 83.8

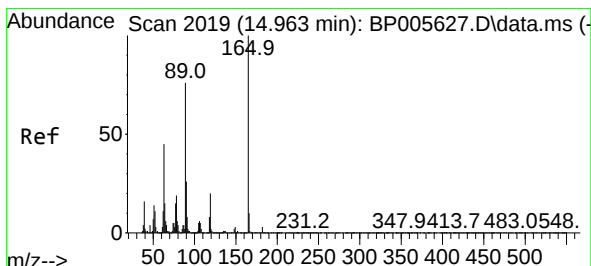
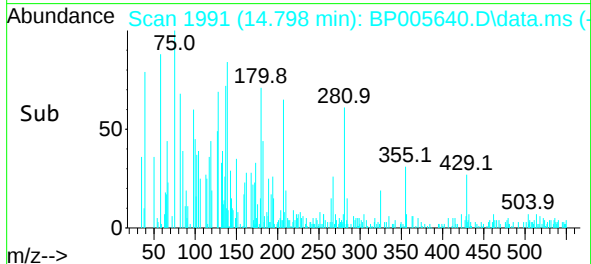
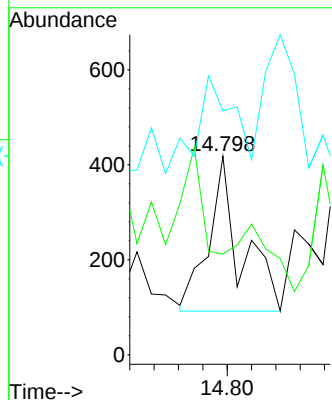
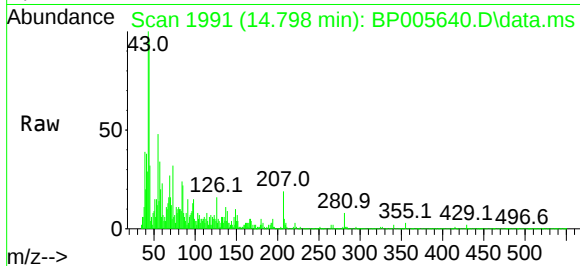




#56
4-Nitrophenol
Concen: 3.79 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

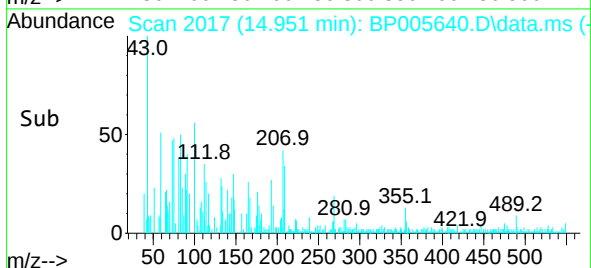
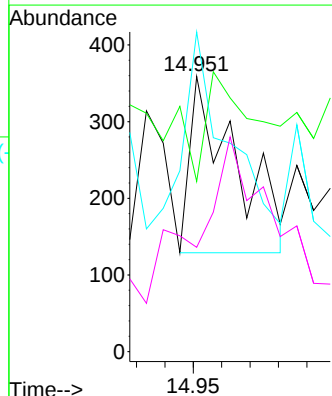
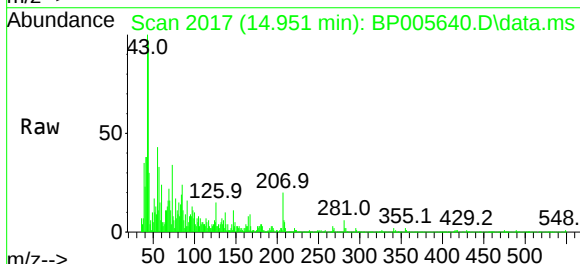
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

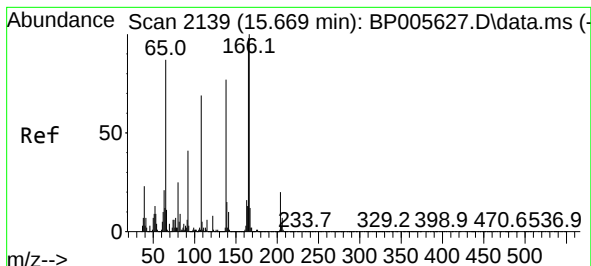
Tgt Ion:139 Resp: 298
Ion Ratio Lower Upper
139 100
109 50.7 122.8 162.8#
65 123.0 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:165 Resp: 258
Ion Ratio Lower Upper
165 100
63 61.8 56.7 85.1
89 116.2 85.8 128.6
182 37.9 3.0 4.6#

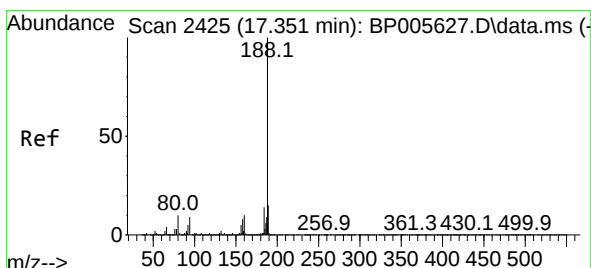
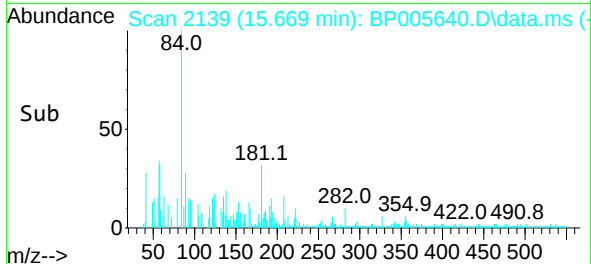
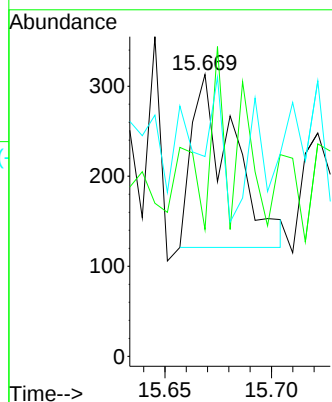
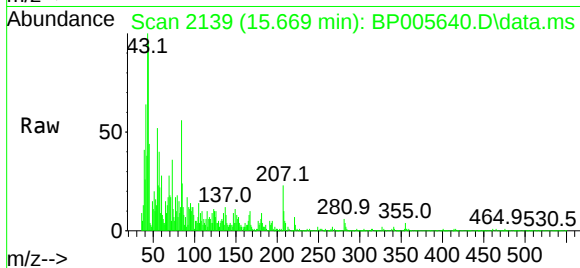




#62
4-Nitroaniline
Concen: 3.66 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

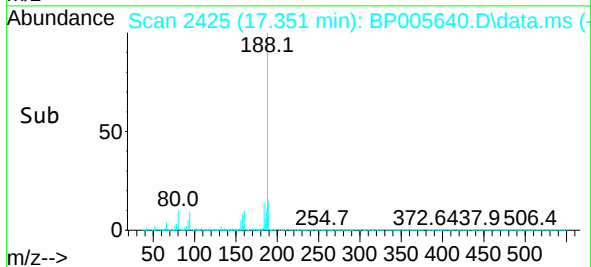
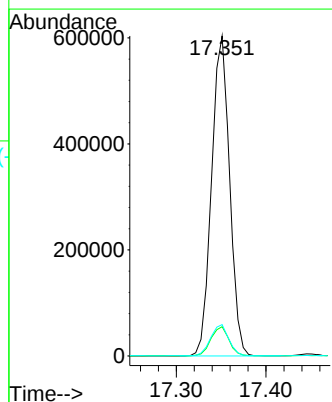
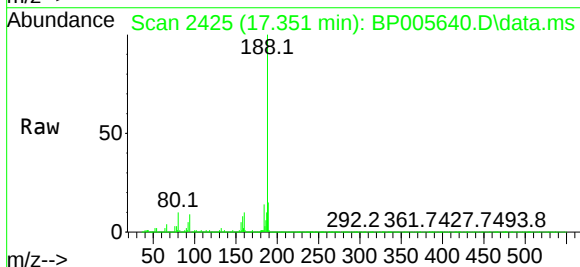
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

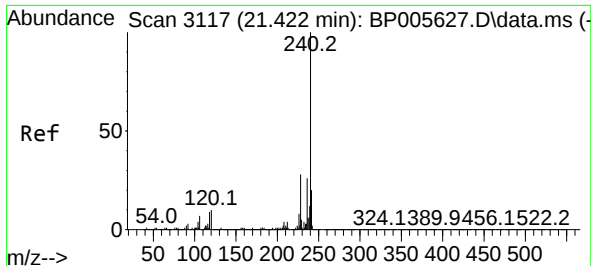
Tgt Ion:138 Resp: 263
Ion Ratio Lower Upper
138 100
92 45.0 50.9 90.9#
108 70.9 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:188 Resp: 841924
Ion Ratio Lower Upper
188 100
94 9.2 5.0 7.6#
80 9.8 5.9 8.9#

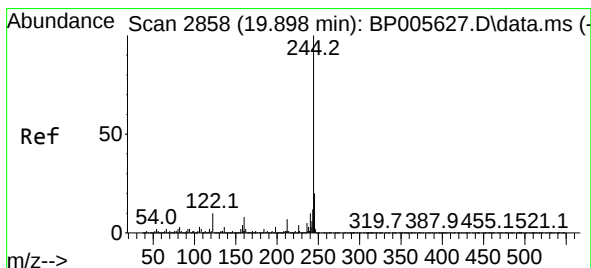
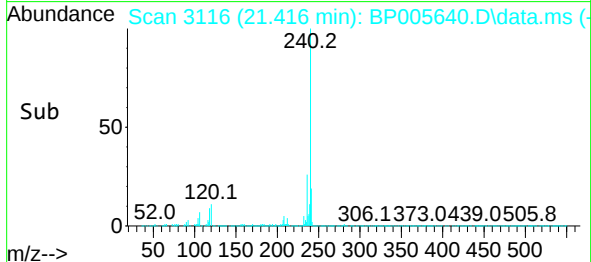
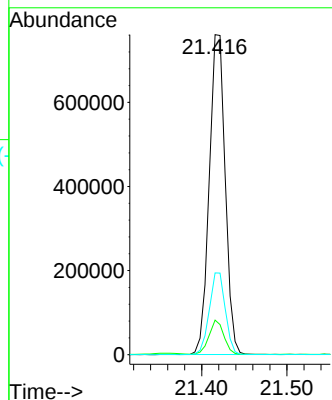
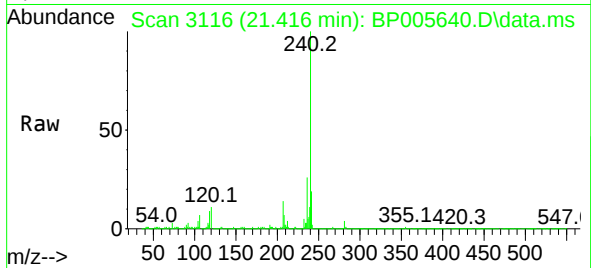




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

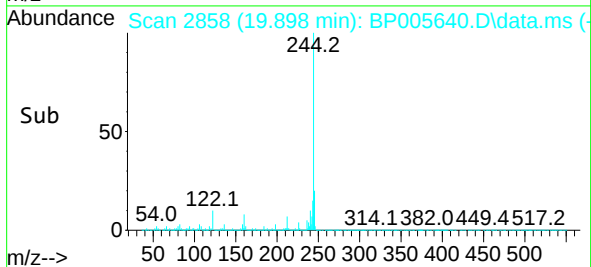
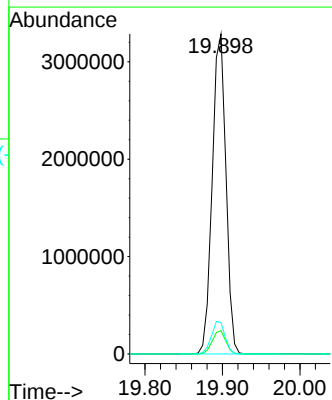
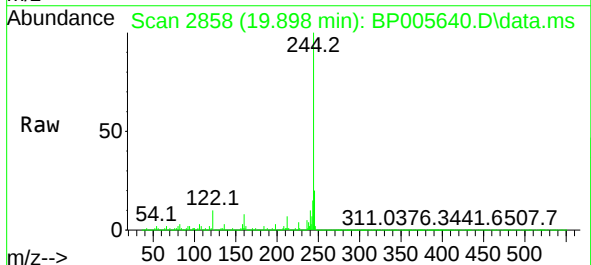
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

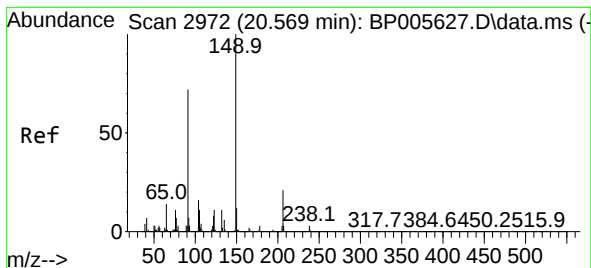
Tgt Ion:240 Resp: 991240
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 76.22 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:244 Resp: 4026133
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.8 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.23 ng

RT: 20.569 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BP005640.D

Acq: 28 May 2021 15:48

Tgt Ion:149 Resp: 3011

Ion Ratio Lower Upper

149 100

91 103.9 60.2 90.4#

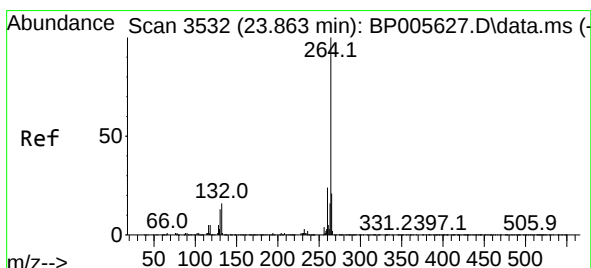
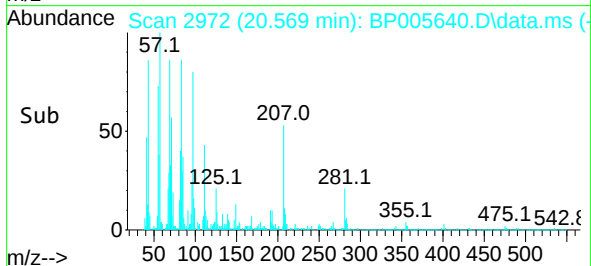
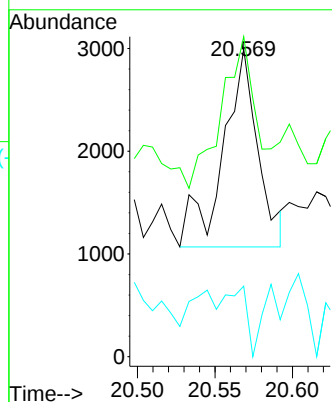
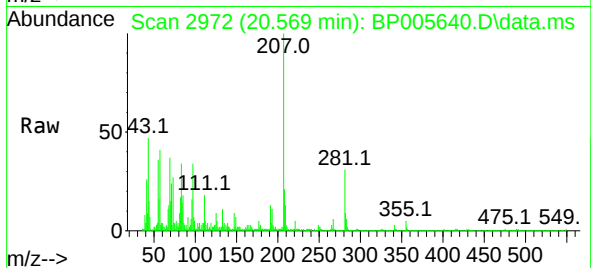
206 22.9 23.9 35.9#

Instrument :

BNA_P

ClientSampleId :

MH-N-(MH-10.29)



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.862 min Scan# 3532

Delta R.T. -0.000 min

Lab File: BP005640.D

Acq: 28 May 2021 15:48

Tgt Ion:264 Resp: 1173781

Ion Ratio Lower Upper

264 100

260 23.4 20.6 30.8

265 21.9 19.0 28.6

