

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005641.D
 Acq On : 28 May 2021 16:22
 Operator : CG/JU
 Sample : M2560-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S1-COMP-A-B-C-D

Quant Time: May 28 16:57:37 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)

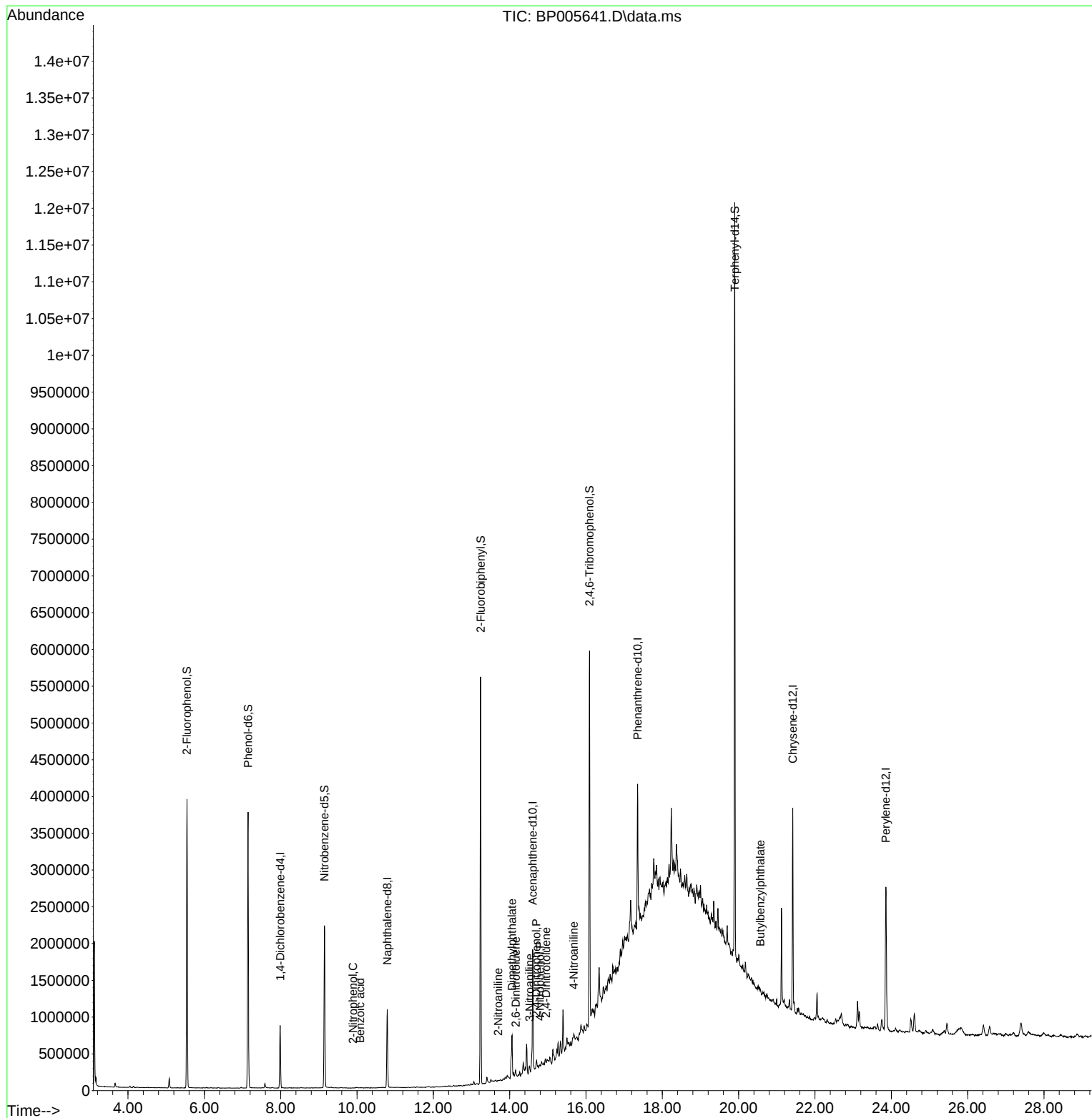
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	219845	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	868840	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	538208	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1128883	20.00	ng	# 0.00
76) Chrysene-d12	21.415	240	1325079	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1505674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1643125	116.20	ng	0.00
7) Phenol-d6	7.146	99	2073834	107.58	ng	0.00
23) Nitrobenzene-d5	9.146	82	1301442	83.30	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	940078	136.22	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2747720	67.56	ng	0.00
79) Terphenyl-d14	19.898	244	4556399	64.52	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.898	139	73	4.17	ng	# 1
32) Benzoic acid	10.081	122	251	5.04	ng	# 62
48) 2-Nitroaniline	13.698	65	473	4.54	ng	# 75
50) Dimethylphthalate	14.063	163	343254	8.02	ng	99
51) 2,6-Dinitrotoluene	14.163	165	3764	5.41	ng	# 26
53) 3-Nitroaniline	14.522	138	4721	4.12	ng	# 21
54) 2,4-Dinitrophenol	14.698	184	16	6.53	ng	# 1
56) 4-Nitrophenol	14.792	139	368	3.79	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	527	4.30	ng	# 30
62) 4-Nitroaniline	15.680	138	1604	3.78	ng	# 72
80) Butylbenzylphthalate	20.568	149	1934	4.18	ng	# 33

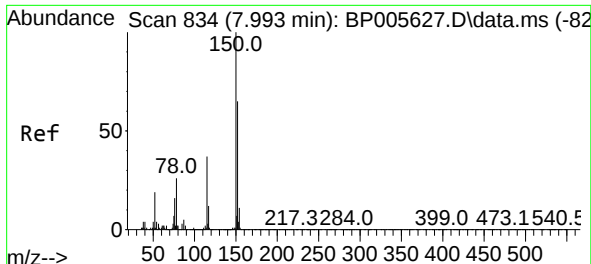
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
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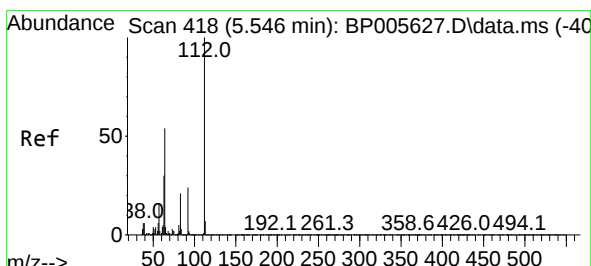
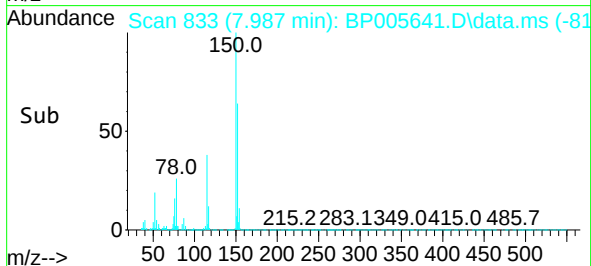
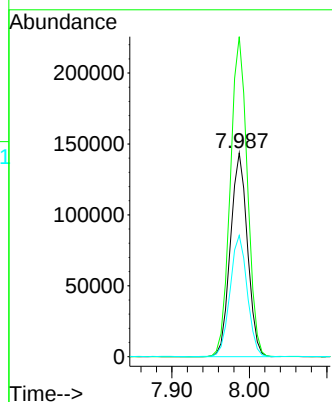
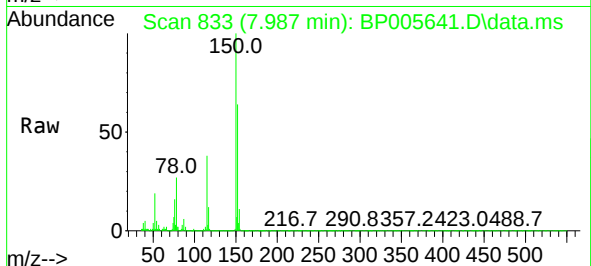




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

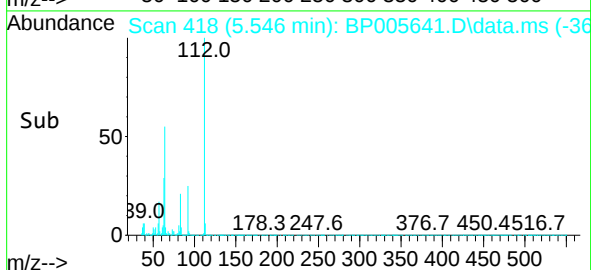
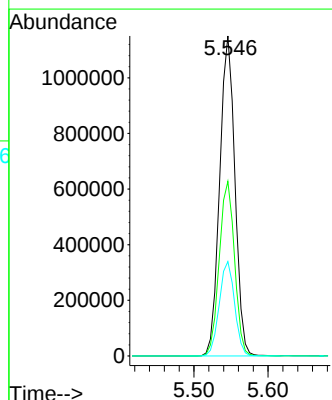
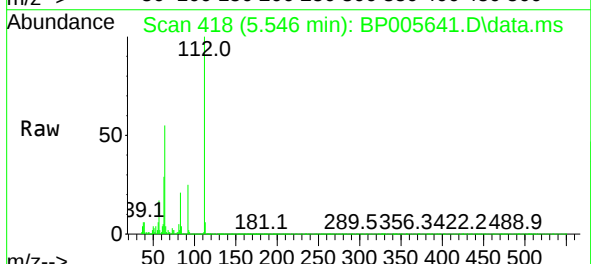
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

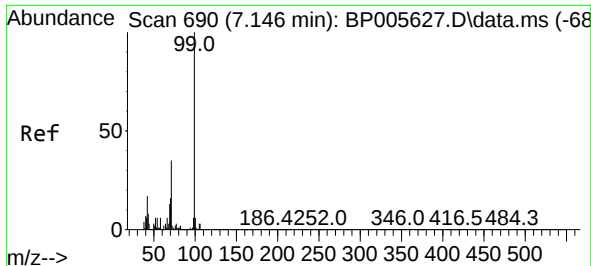
Tgt Ion:152 Resp: 219845
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 59.6 49.0 73.4



#5
2-Fluorophenol
Concen: 116.20 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:112 Resp: 1643125
Ion Ratio Lower Upper
112 100
64 54.6 33.6 50.4#
63 29.5 18.6 27.8#

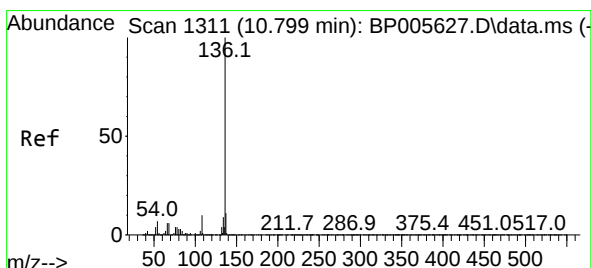
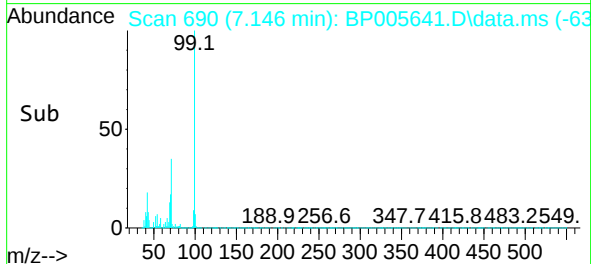
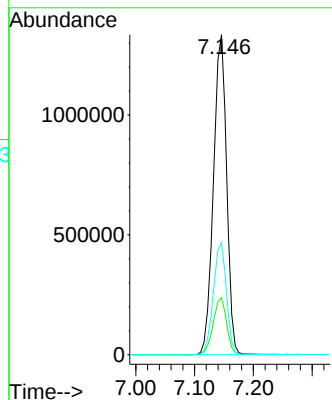
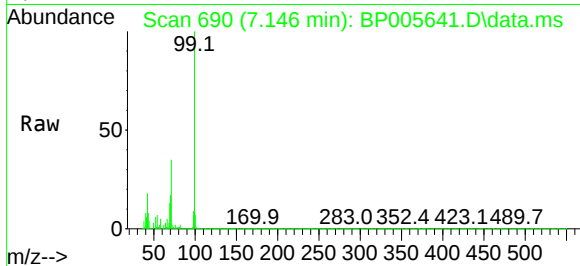




#7
Phenol-d6
Concen: 107.58 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

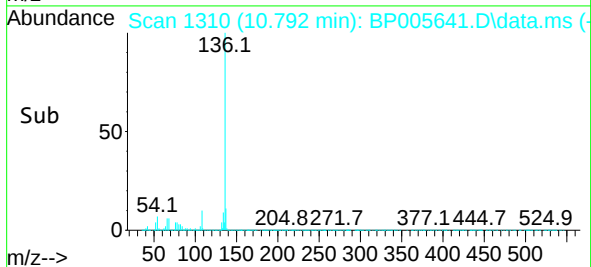
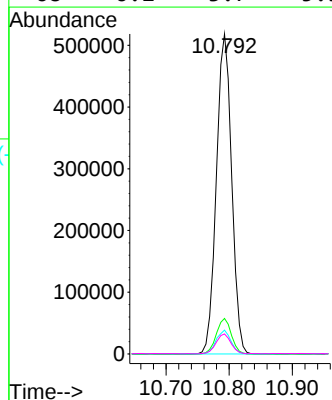
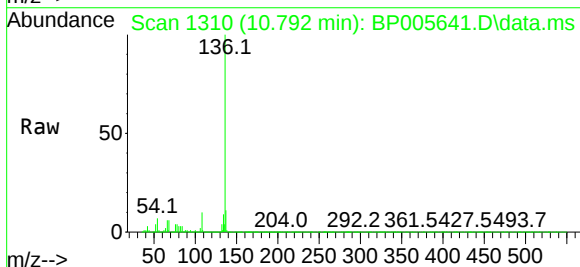
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

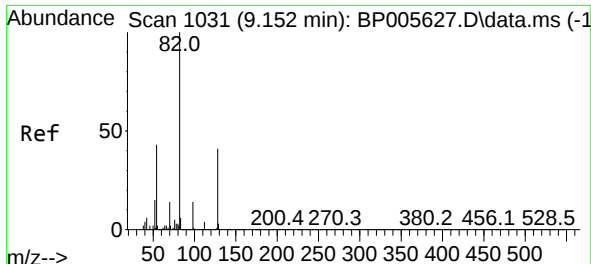
Tgt Ion: 99 Resp: 2073834
Ion Ratio Lower Upper
99 100
42 17.8 12.9 19.3
71 35.0 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.007 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:136 Resp: 868840
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 5.0 7.4#
68 6.2 3.7 5.5#

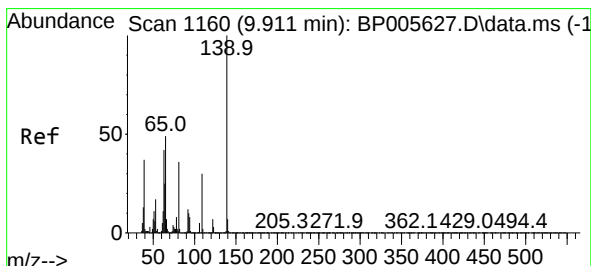
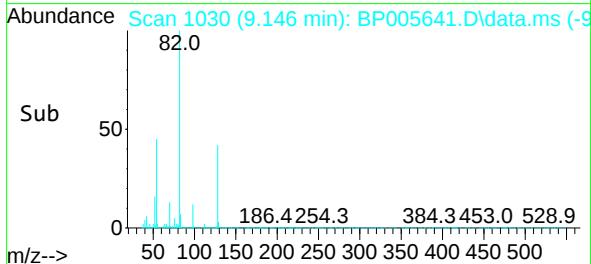
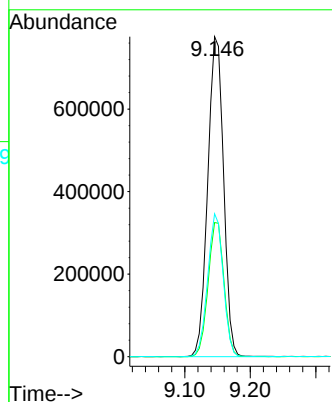
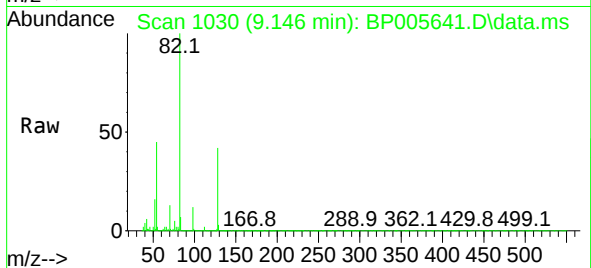




#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

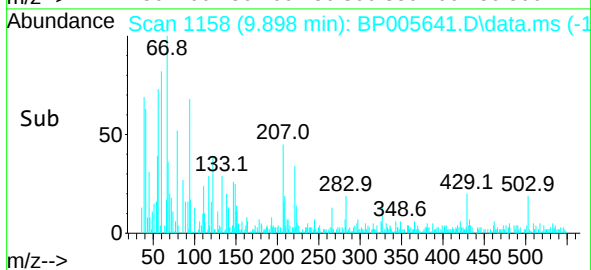
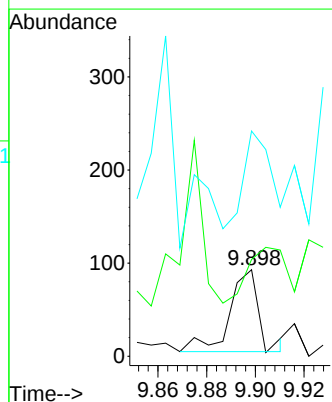
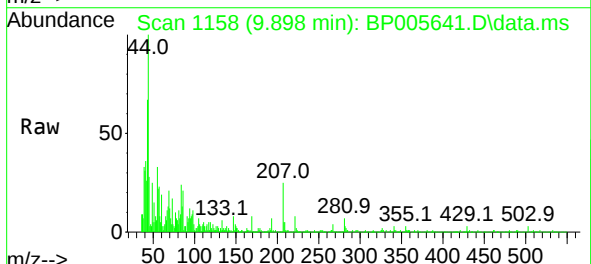
Instrument :
BNA_P
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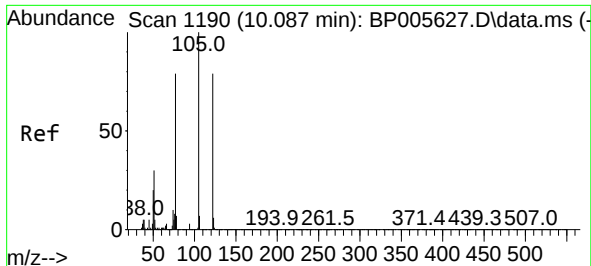
Tgt Ion: 82 Resp: 1301442
Ion Ratio Lower Upper
82 100
128 41.9 30.5 45.7
54 44.6 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.013 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion: 139 Resp: 73
Ion Ratio Lower Upper
139 100
109 111.8 40.7 61.1#
65 260.2 47.8 71.6#

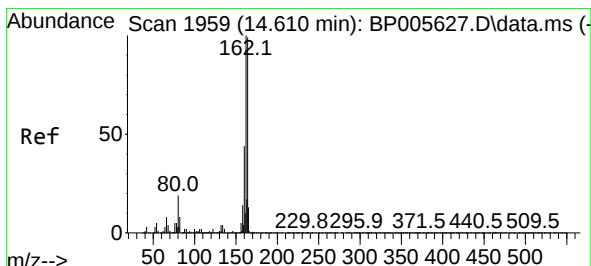
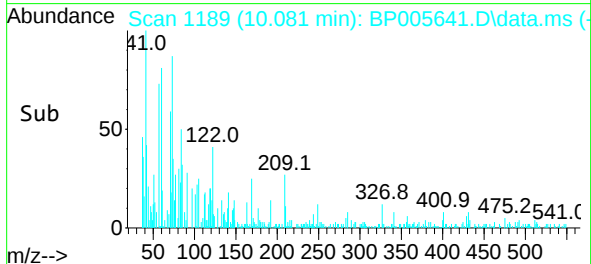
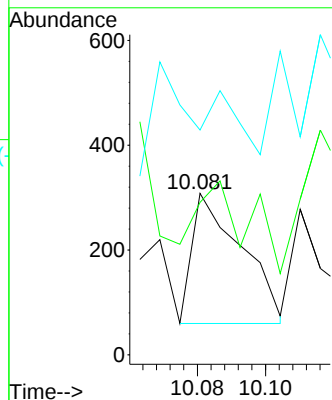
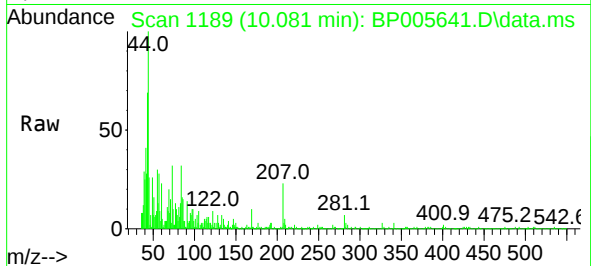




#32
Benzoic acid
Concen: 5.04 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

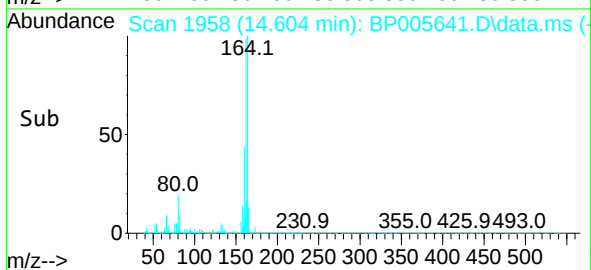
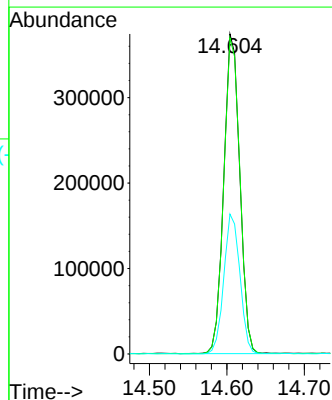
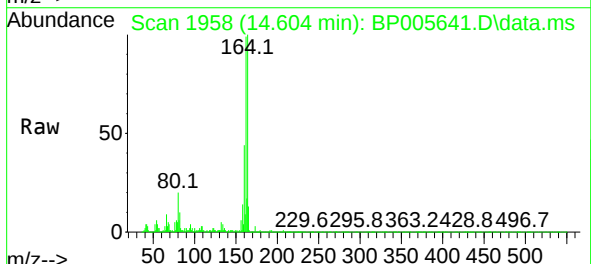
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ClientSampleId :
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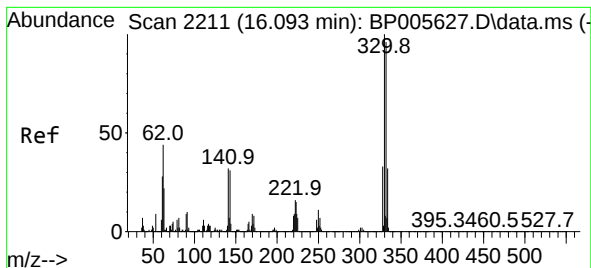
Tgt Ion:122 Resp: 251
Ion Ratio Lower Upper
122 100
105 94.5 105.1 145.1#
77 139.3 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:164 Resp: 538208
Ion Ratio Lower Upper
164 100
162 98.8 73.5 110.3
160 43.7 40.6 61.0

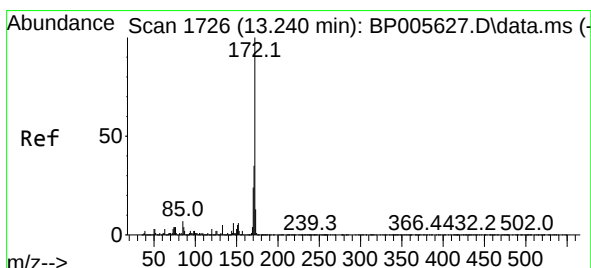
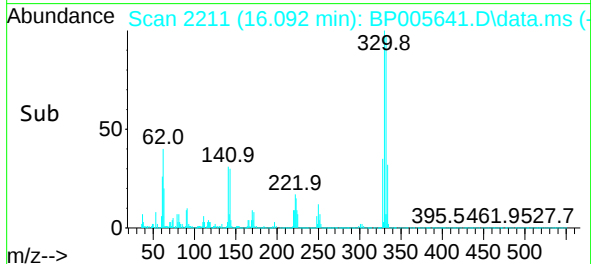
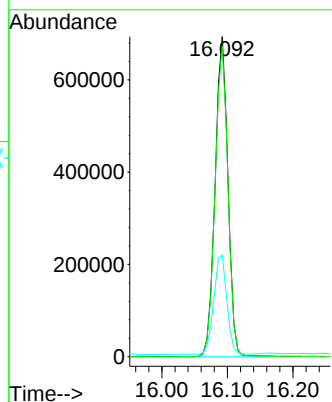
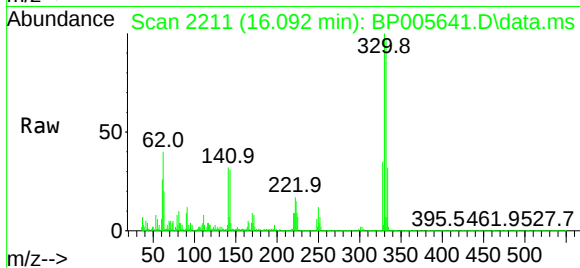




#42
2,4,6-Tribromophenol
Concen: 136.22 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

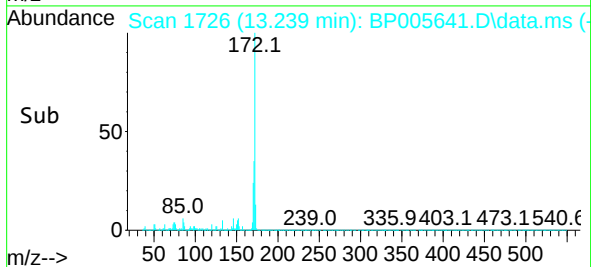
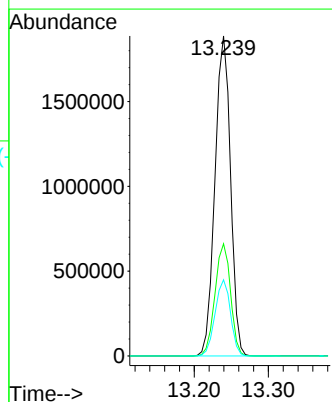
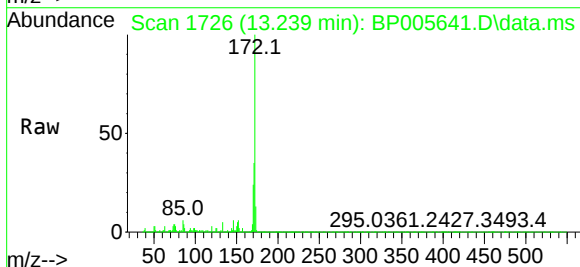
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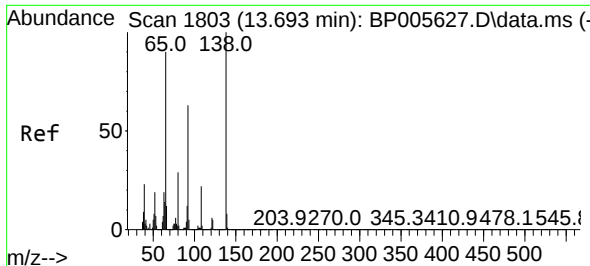
Tgt Ion:330 Resp: 940078
Ion Ratio Lower Upper
330 100
332 97.4 76.3 114.5
141 31.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 67.56 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:172 Resp: 2747720
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.8 19.6 29.4

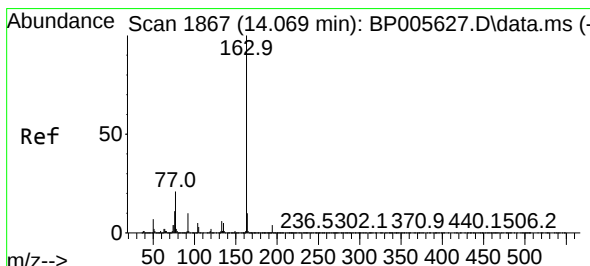
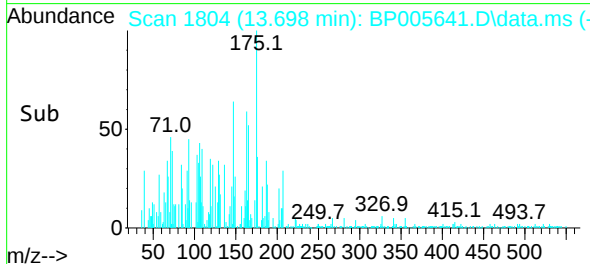
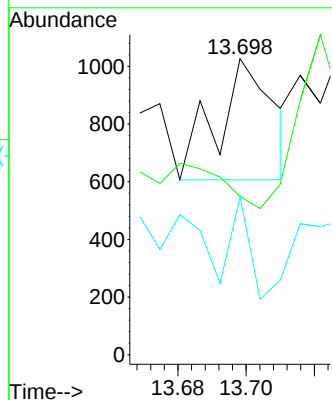
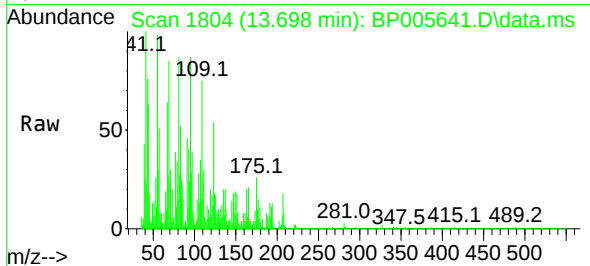




#48
2-Nitroaniline
Concen: 4.54 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

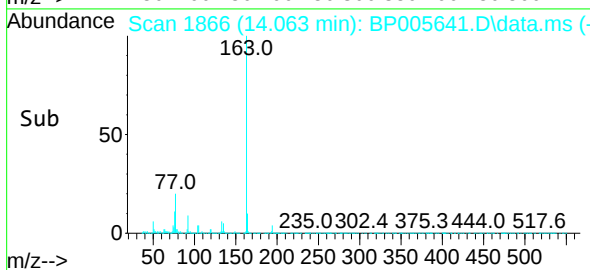
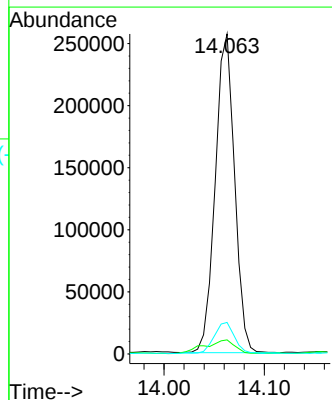
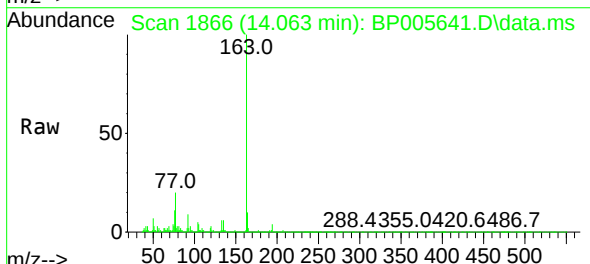
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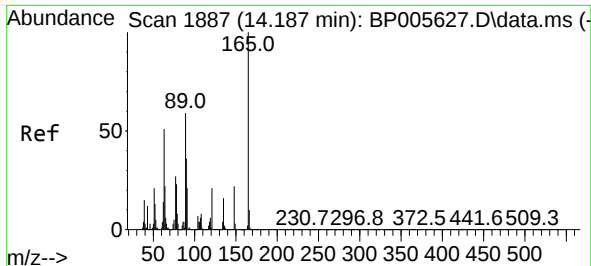
Tgt Ion: 65 Resp: 473
Ion Ratio Lower Upper
65 100
92 53.5 48.8 73.2
138 53.4 69.5 104.3#



#50
Dimethylphthalate
Concen: 8.02 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:163 Resp: 343254
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 9.9 8.1 12.1

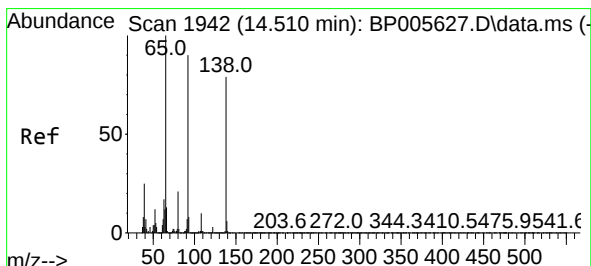
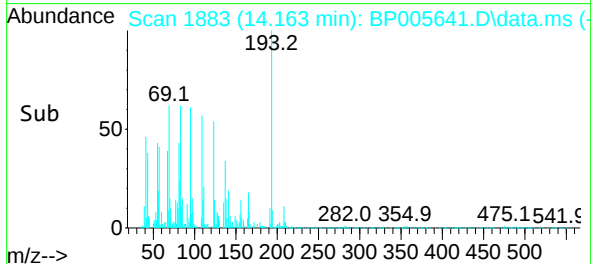
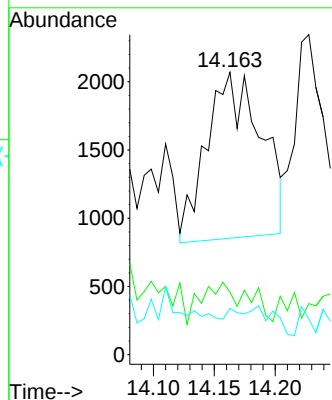
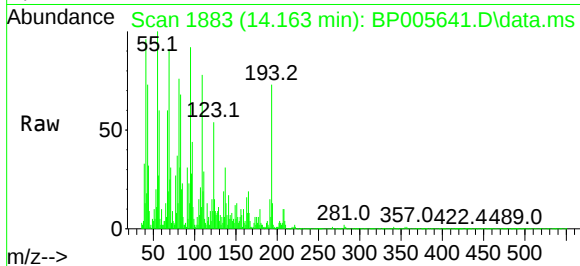




#51
2,6-Dinitrotoluene
Concen: 5.41 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.024 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

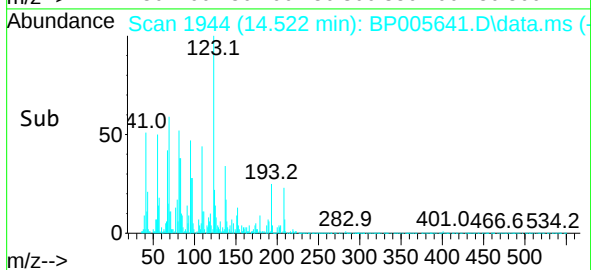
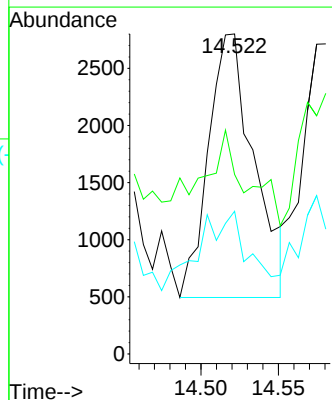
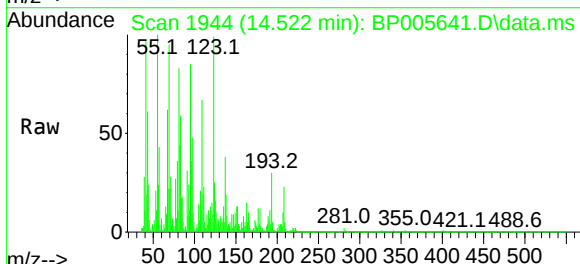
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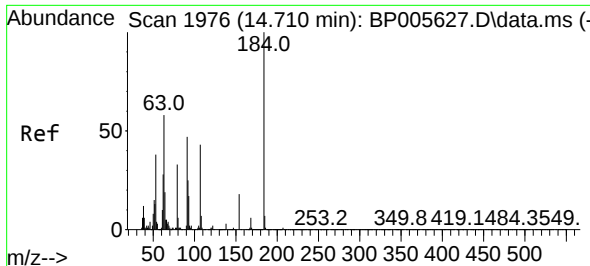
Tgt Ion:165 Resp: 3764
Ion Ratio Lower Upper
165 100
63 22.2 67.4 101.0#
89 16.4 73.8 110.6#



#53
3-Nitroaniline
Concen: 4.12 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.012 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:138 Resp: 4721
Ion Ratio Lower Upper
138 100
108 56.1 10.2 15.4#
92 44.6 108.1 162.1#

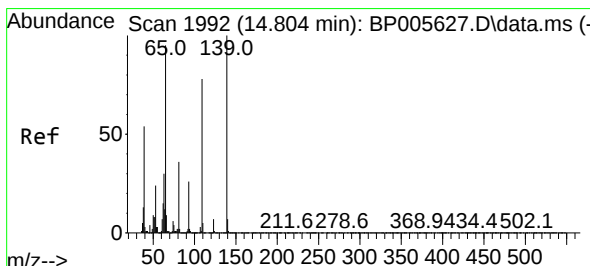
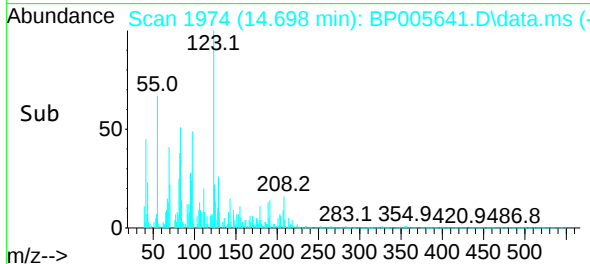
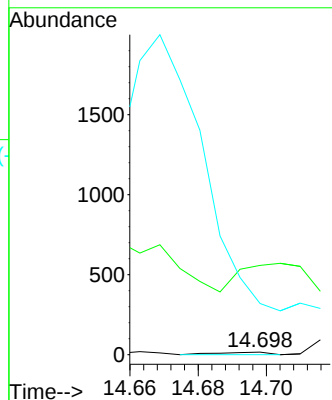
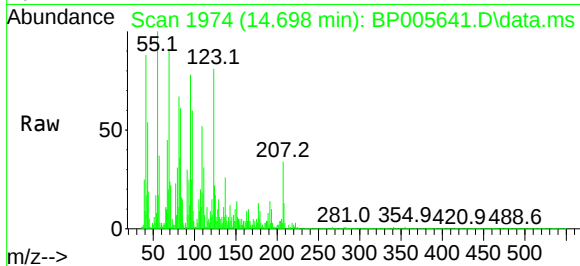




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

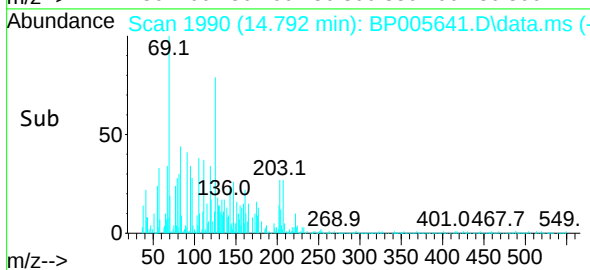
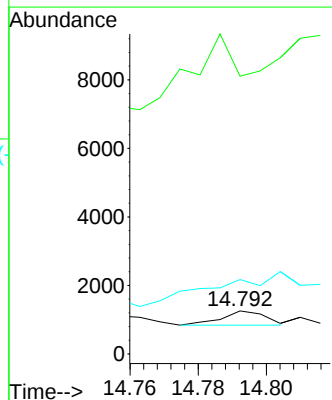
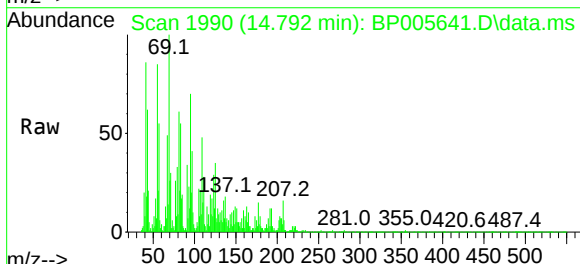
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

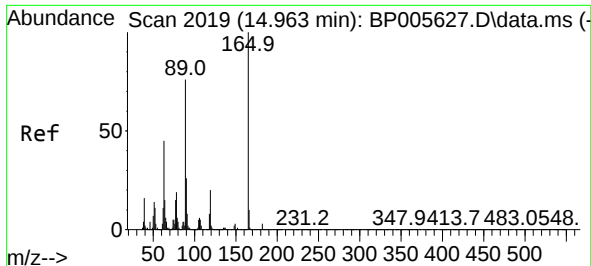
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 3487.5 51.2 76.8#
154 2000.0 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.79 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:139 Resp: 368
Ion Ratio Lower Upper
139 100
109 644.6 122.8 162.8#
65 172.8 110.0 150.0#

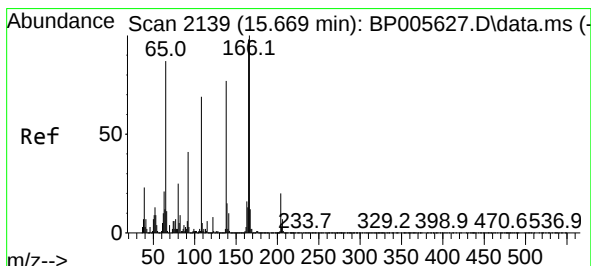
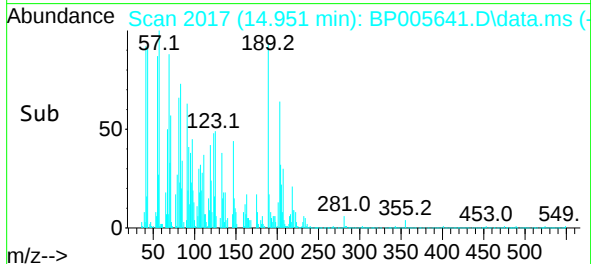
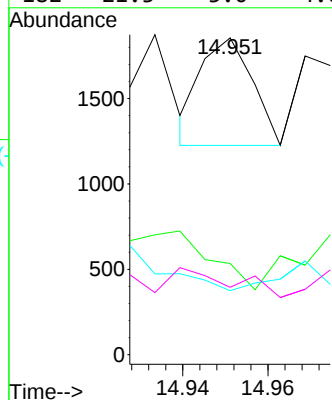
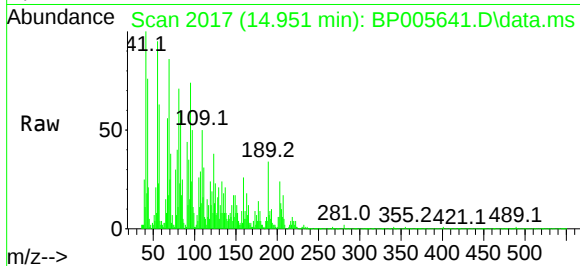




#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

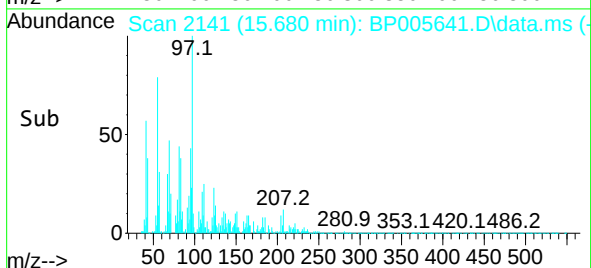
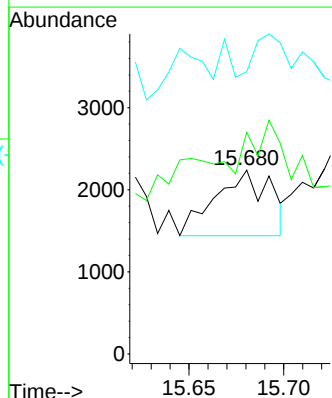
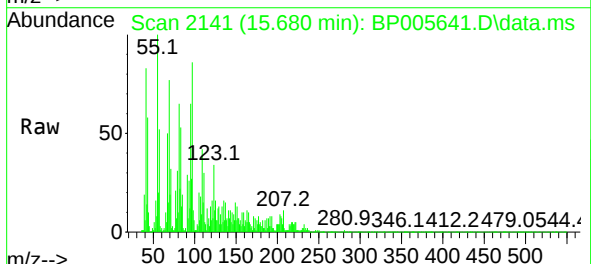
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

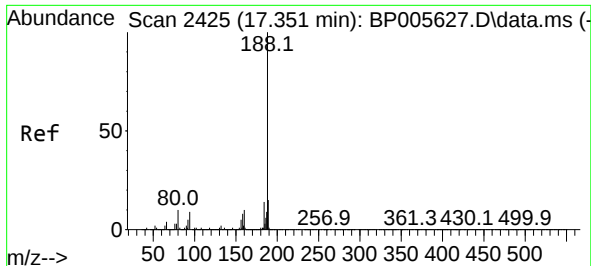
Tgt Ion:165 Resp: 527
Ion Ratio Lower Upper
165 100
63 28.8 56.7 85.1#
89 20.2 85.8 128.6#
182 21.3 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.78 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.011 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:138 Resp: 1604
Ion Ratio Lower Upper
138 100
92 120.6 50.9 90.9#
108 153.5 154.7 194.7#

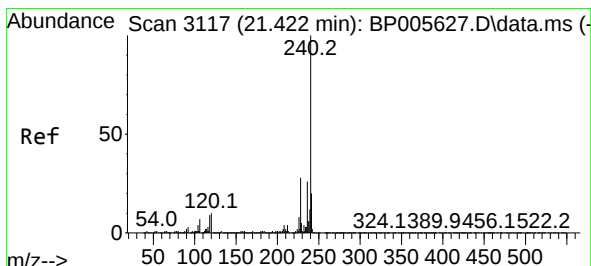
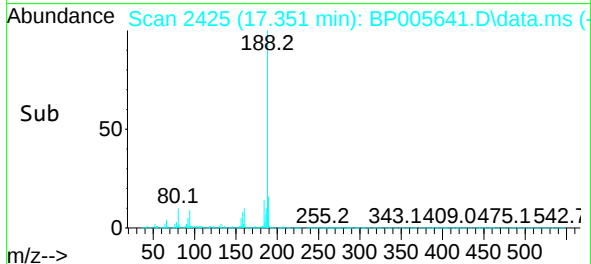
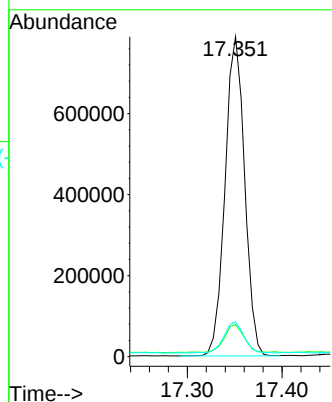
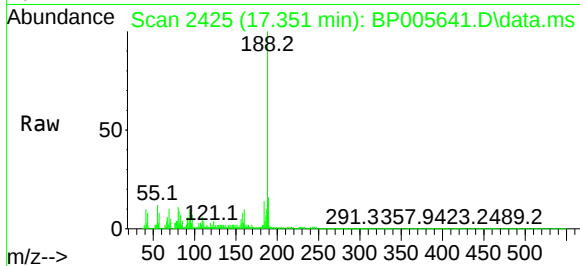




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

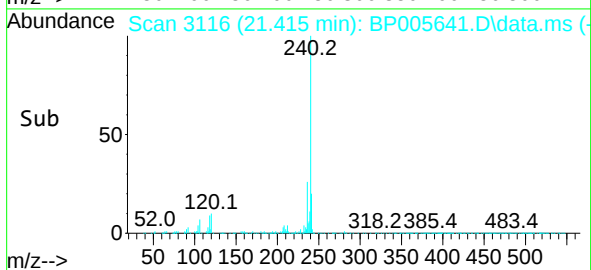
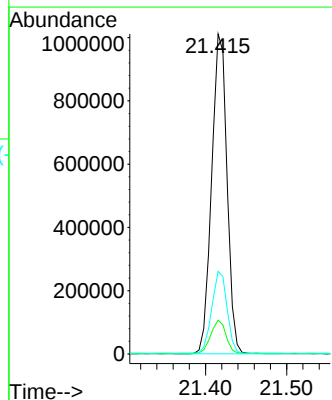
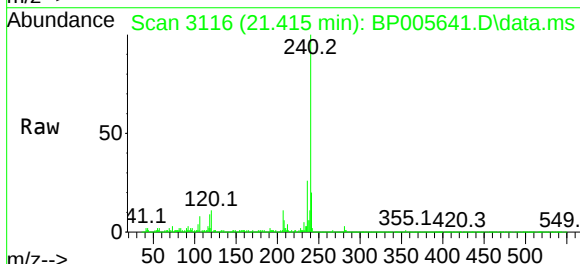
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

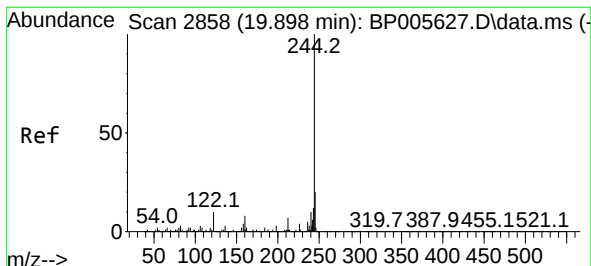
Tgt Ion:188 Resp: 1128883
Ion Ratio Lower Upper
188 100
94 10.1 5.0 7.6#
80 10.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BP005641.D
Acq: 28 May 2021 16:22

Tgt Ion:240 Resp: 1325079
Ion Ratio Lower Upper
240 100
120 10.6 4.2 6.2#
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 64.52 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.000 min

Lab File: BP005641.D

Acq: 28 May 2021 16:22

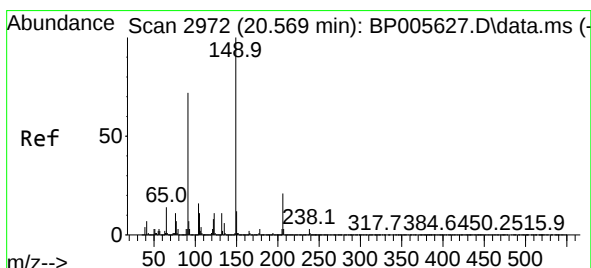
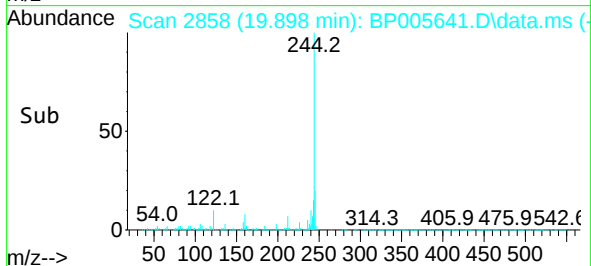
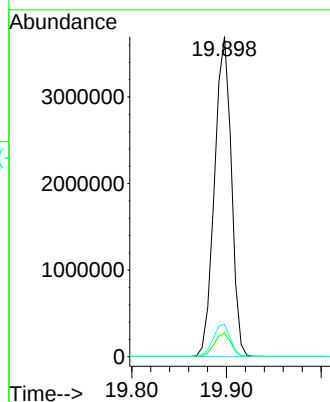
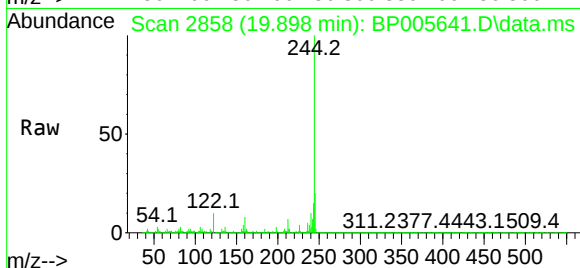
Tgt Ion:244 Resp: 4556399

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.2 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.18 ng

RT: 20.568 min Scan# 2972

Delta R.T. -0.001 min

Lab File: BP005641.D

Acq: 28 May 2021 16:22

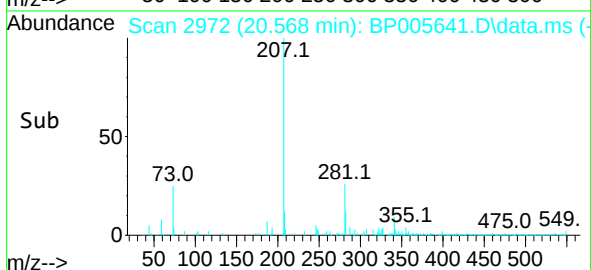
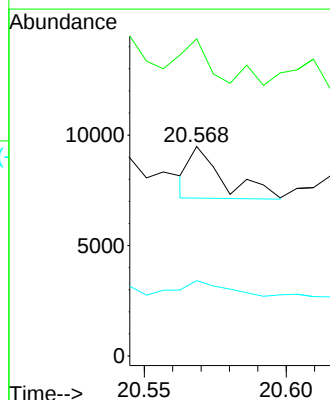
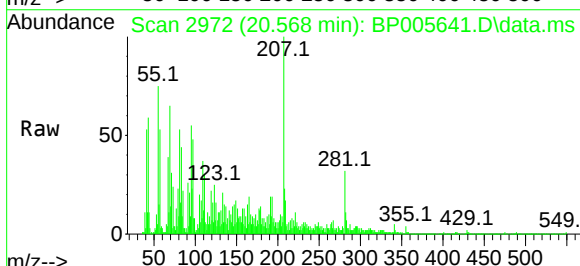
Tgt Ion:149 Resp: 1934

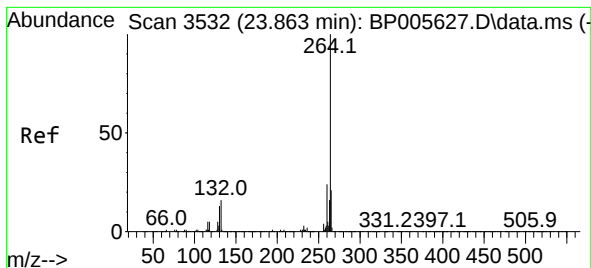
Ion Ratio Lower Upper

149 100

91 151.5 60.2 90.4#

206 36.0 23.9 35.9#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.857 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP005641.D

Acq: 28 May 2021 16:22

Instrument :

BNA_P

ClientSampleId :

S1-COMP-A-B-C-D

Tgt Ion:264 Resp: 1505674

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

265 22.0 19.0 28.6

