

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052721\
 Data File : BP005632.D
 Acq On : 27 May 2021 16:25
 Operator : CG/JU
 Sample : PB136683BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136683BL

Quant Time: May 27 16:59:32 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)

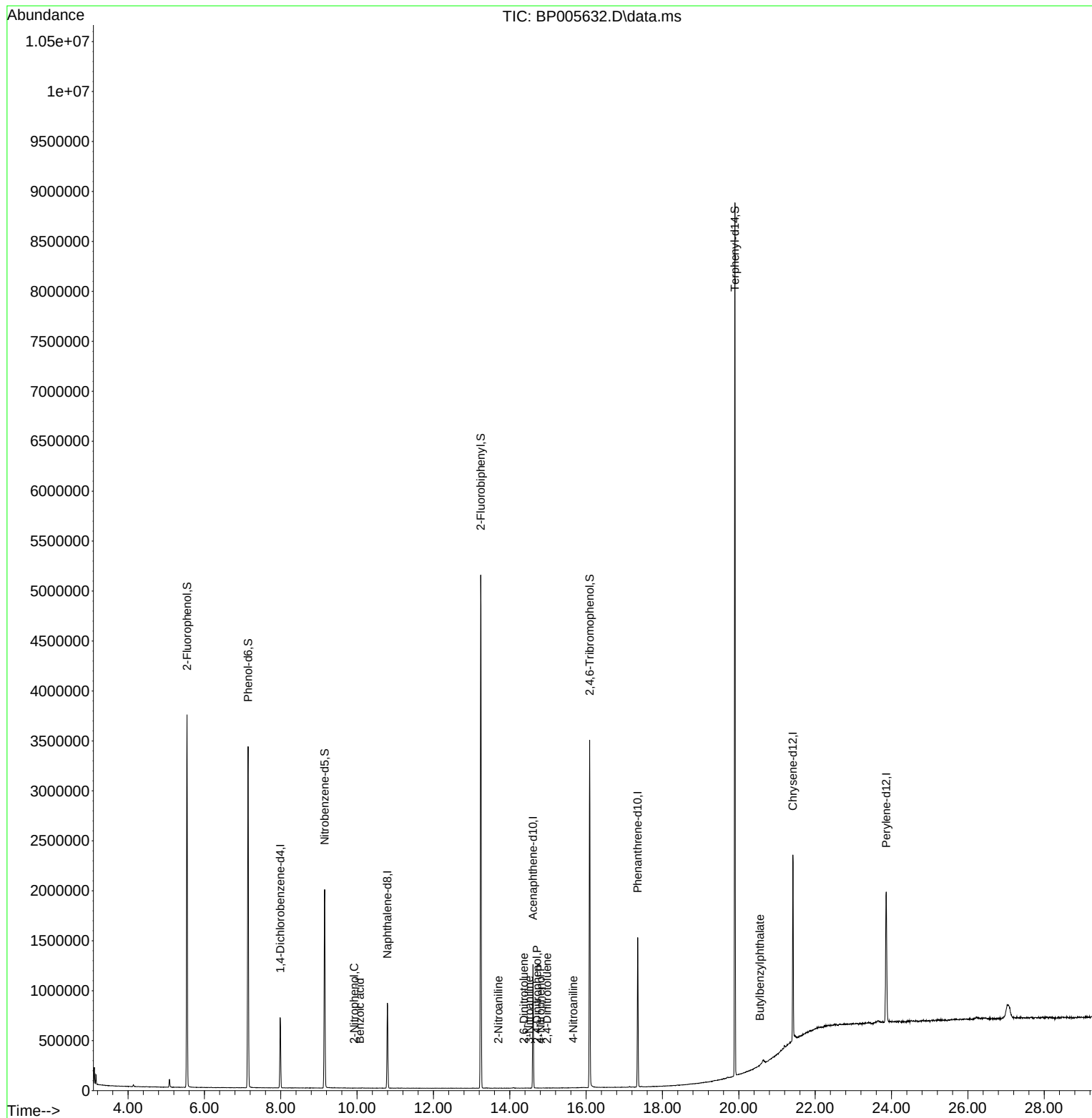
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	185496	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	694822	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	407902	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	830395	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	879662	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	980769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1539454	129.03	ng	0.00
7) Phenol-d6	7.146	99	1857425	114.20	ng	0.00
23) Nitrobenzene-d5	9.152	82	1113930	89.16	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	634967	121.40	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2576771	83.60	ng	0.00
79) Terphenyl-d14	19.898	244	3913741	83.49	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.922	139	52	4.16	ng	# 1
32) Benzoic acid	10.075	122	24	5.02	ng	# 1
48) 2-Nitroaniline	13.704	65	132	4.51	ng	# 43
51) 2,6-Dinitrotoluene	14.369	165	26	5.06	ng	90
53) 3-Nitroaniline	14.510	138	34	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.716	184	6	6.53	ng	# 1
56) 4-Nitrophenol	14.804	139	27	3.75	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	78	4.27	ng	# 77
62) 4-Nitroaniline	15.663	138	31	3.63	ng	# 1
80) Butylbenzylphthalate	20.551	149	225	4.14	ng	# 75

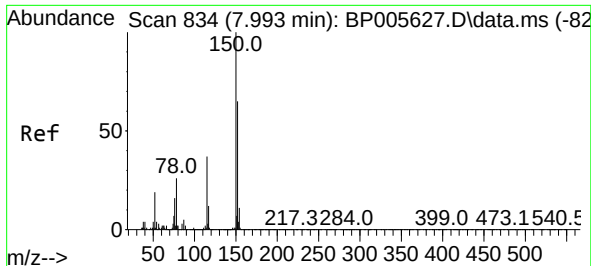
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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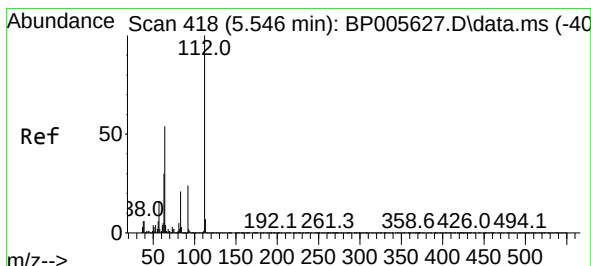
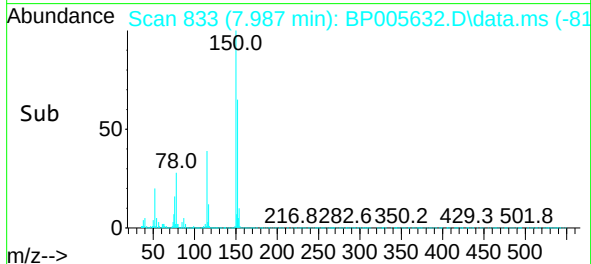
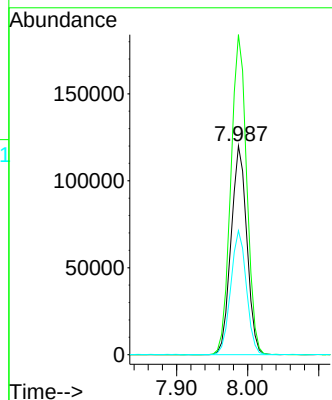
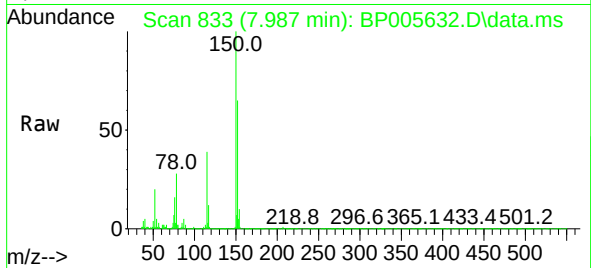




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

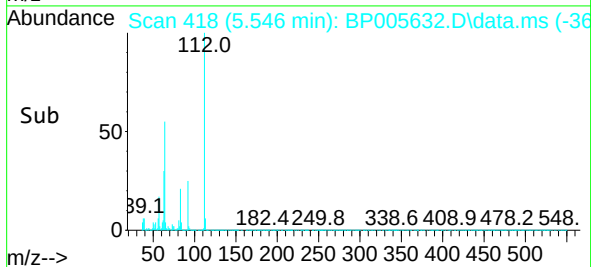
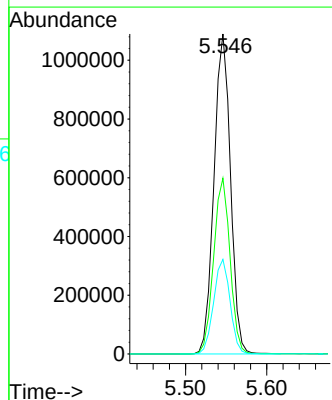
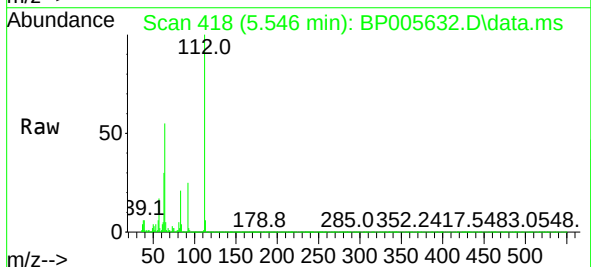
Instrument :
BNA_P
ClientSampleId :
PB136683BL

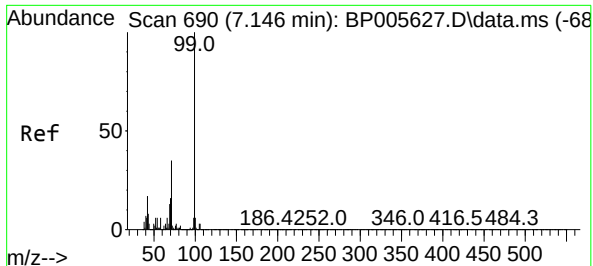
Tgt Ion:152 Resp: 185496
Ion Ratio Lower Upper
152 100
150 153.3 119.8 179.8
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 129.03 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:112 Resp: 1539454
Ion Ratio Lower Upper
112 100
64 54.9 33.6 50.4#
63 29.5 18.6 27.8#

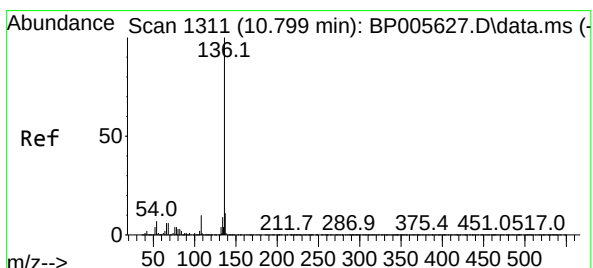
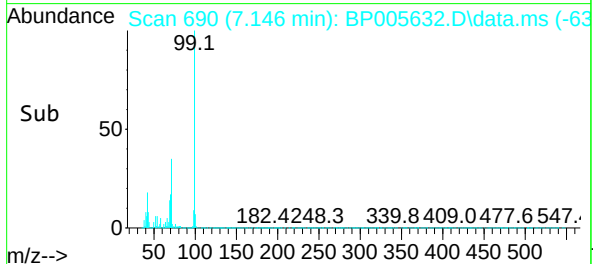
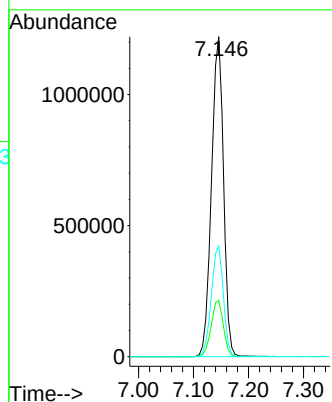
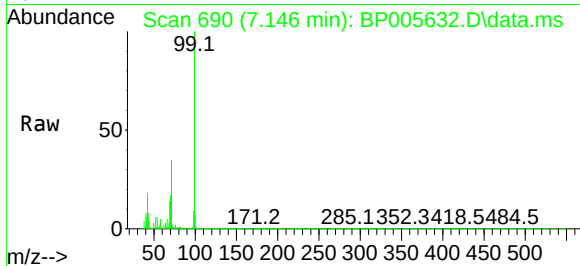




#7
Phenol-d6
Concen: 114.20 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

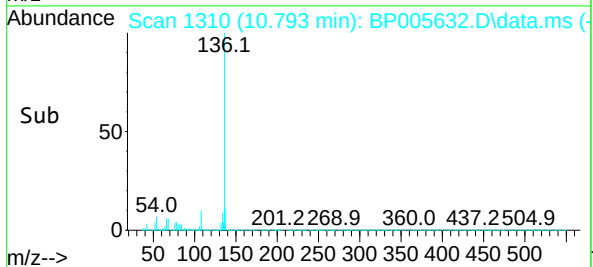
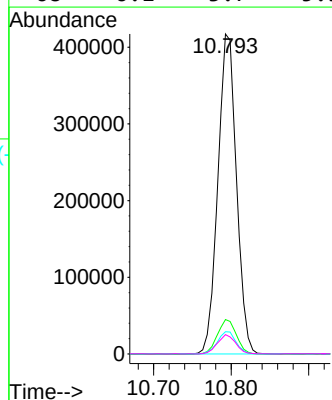
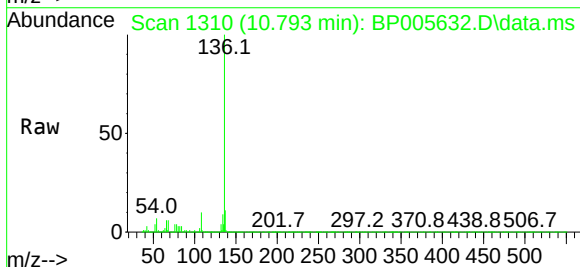
Instrument :
BNA_P
ClientSampleId :
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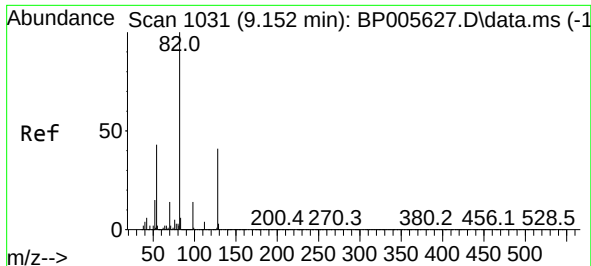
Tgt Ion: 99 Resp: 1857425
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 34.6 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:136 Resp: 694822
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 5.0 7.4
68 6.1 3.7 5.5#

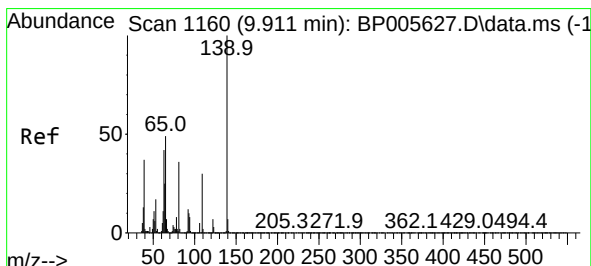
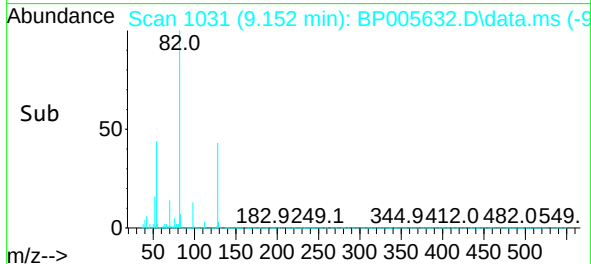
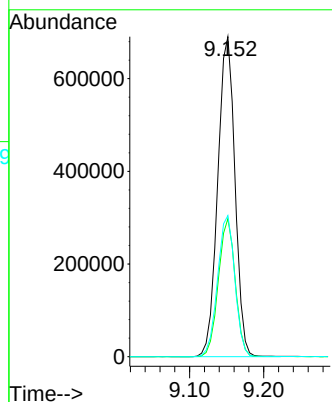
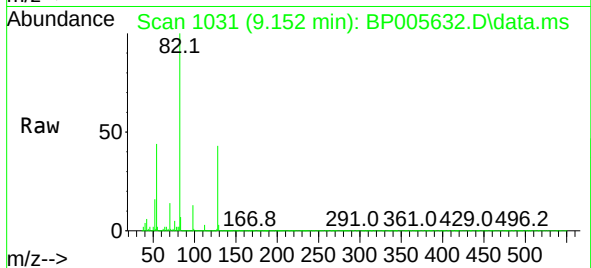




#23
Nitrobenzene-d5
Concen: 89.16 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

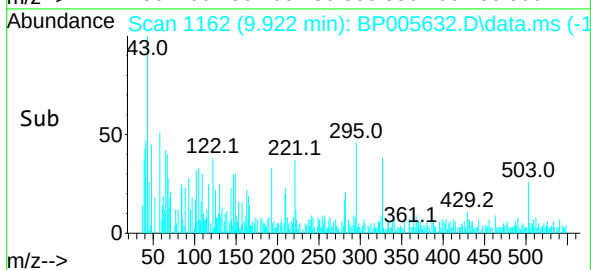
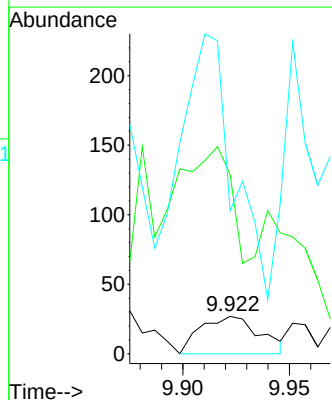
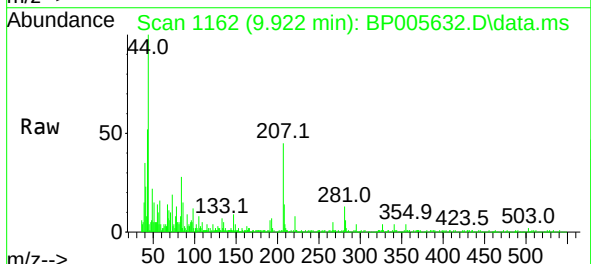
Instrument :
BNA_P
ClientSampleId :
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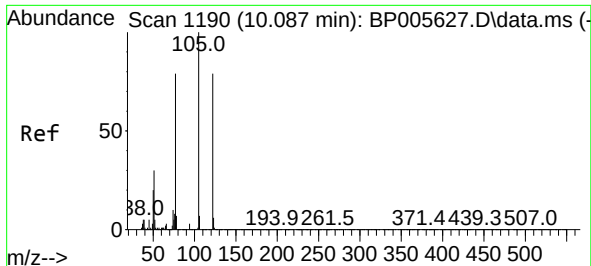
Tgt Ion: 82 Resp: 1113930
Ion Ratio Lower Upper
82 100
128 43.1 30.5 45.7
54 44.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.011 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:139 Resp: 52
Ion Ratio Lower Upper
139 100
109 477.8 40.7 61.1#
65 381.5 47.8 71.6#

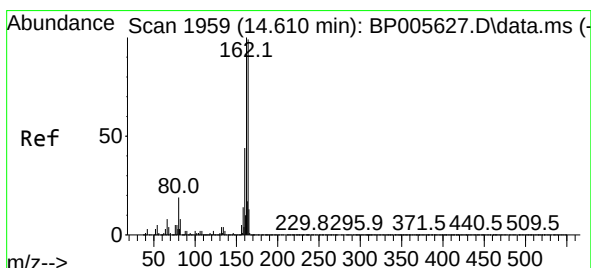
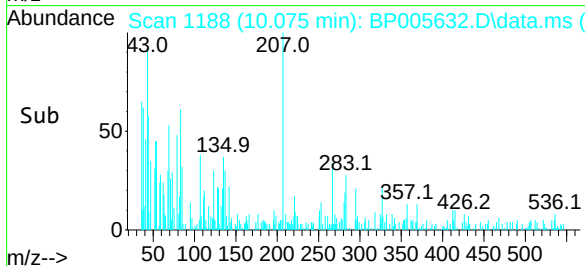
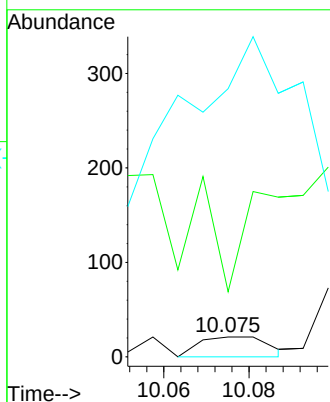
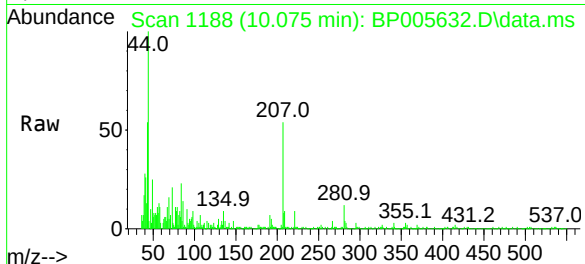




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

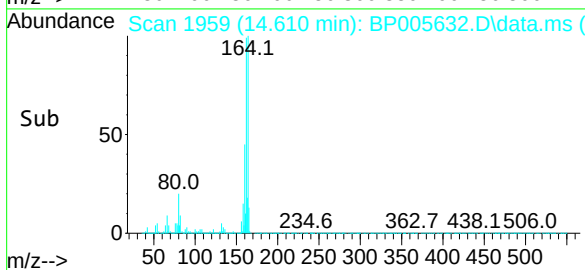
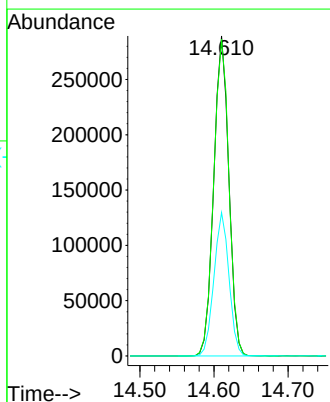
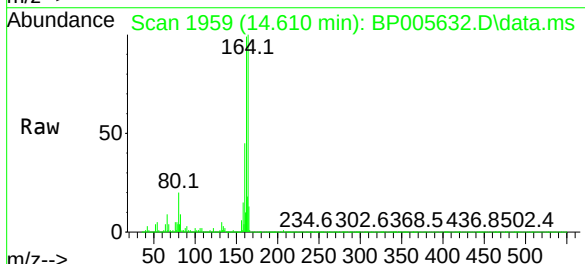
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ClientSampleId :
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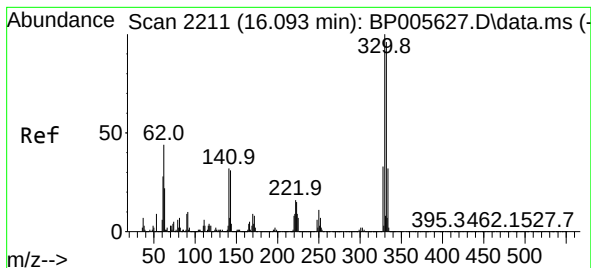
Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 328.6 105.1 145.1#
77 1352.4 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:164 Resp: 407902
Ion Ratio Lower Upper
164 100
162 99.0 73.5 110.3
160 44.8 40.6 61.0

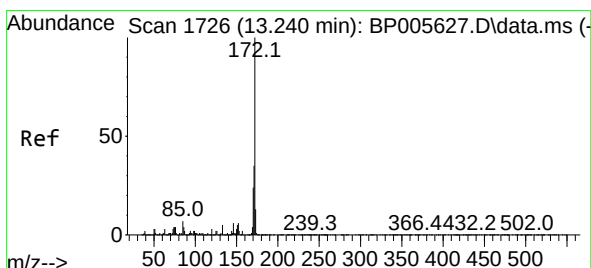
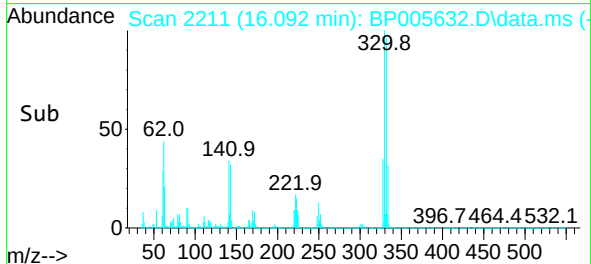
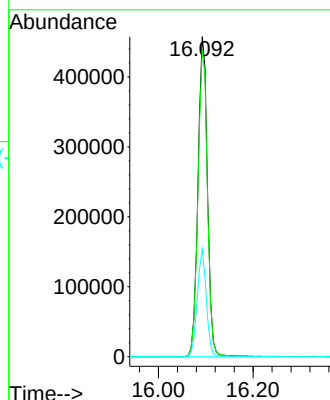
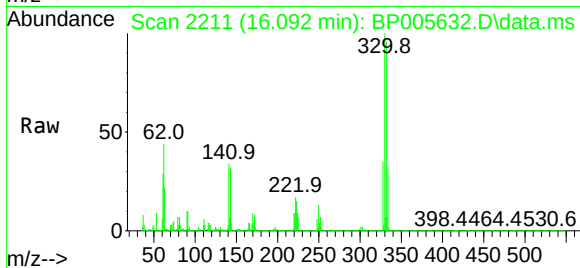




#42
2,4,6-Tribromophenol
Concen: 121.40 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

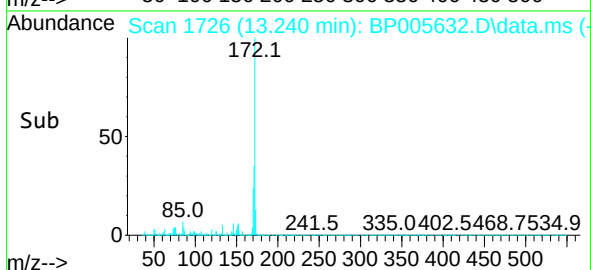
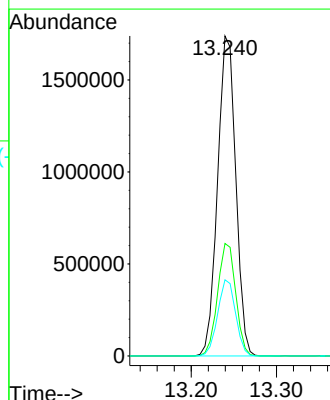
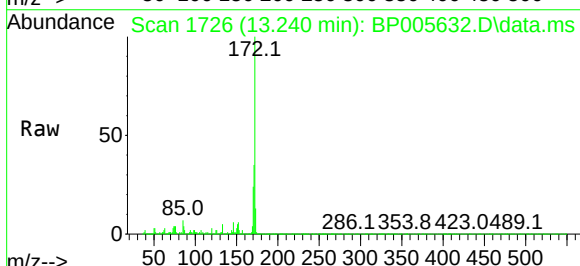
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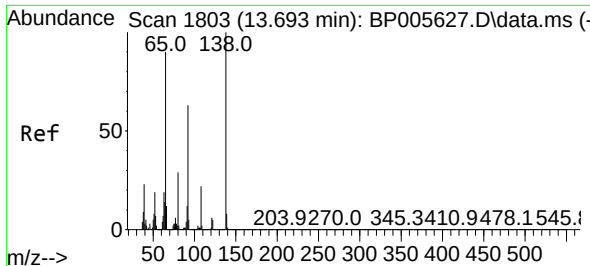
Tgt Ion:330 Resp: 634967
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 32.1 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 83.60 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:172 Resp: 2576771
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.6 29.4

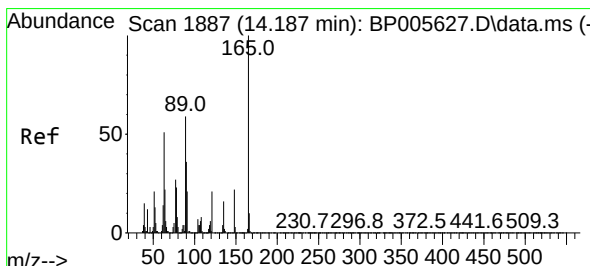
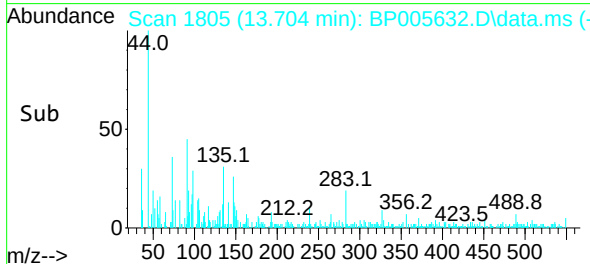
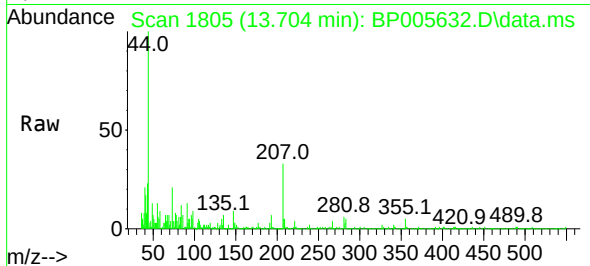




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.704 min Scan# 1805
Delta R.T. 0.011 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

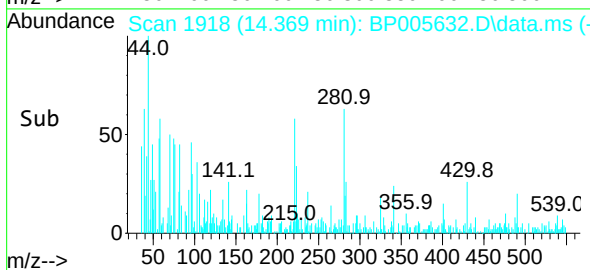
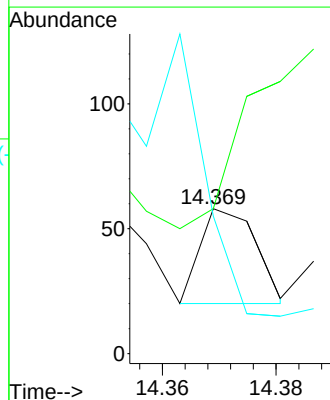
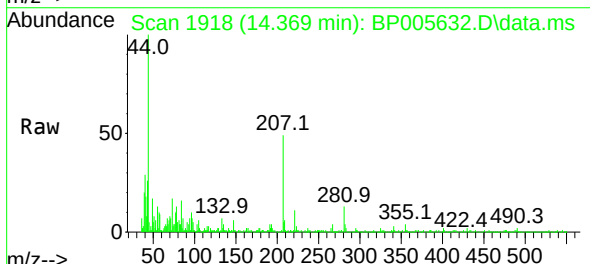
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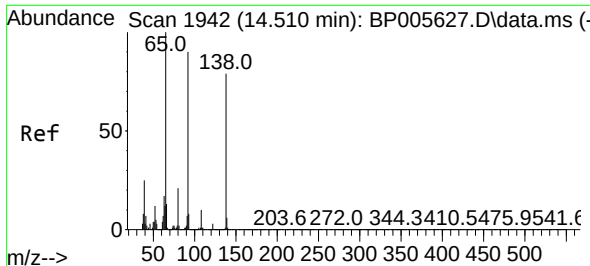
Tgt Ion: 65 Resp: 132
Ion Ratio Lower Upper
65 100
92 47.2 48.8 73.2#
138 9.3 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.182 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion: 165 Resp: 26
Ion Ratio Lower Upper
165 100
63 100.0 67.4 101.0
89 94.8 73.8 110.6

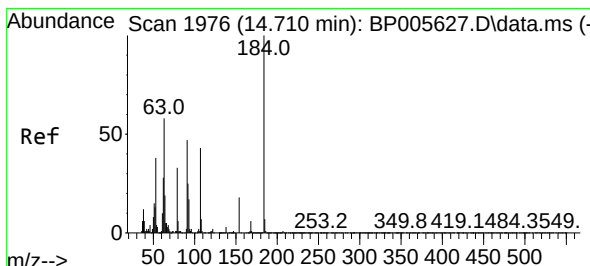
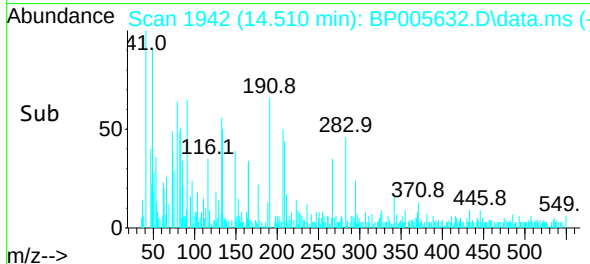
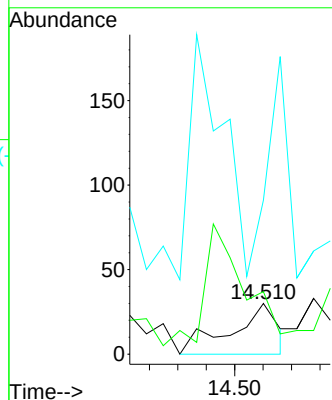
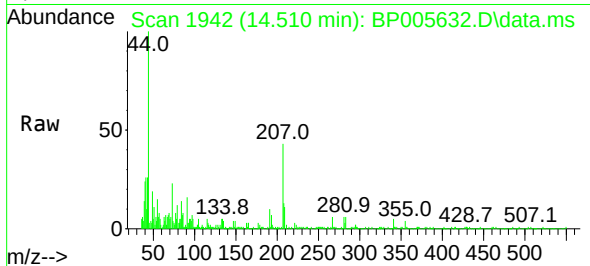




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

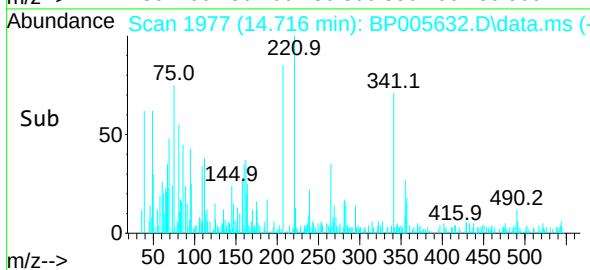
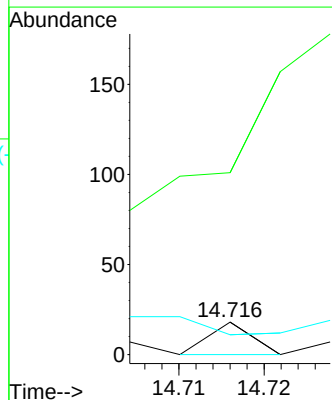
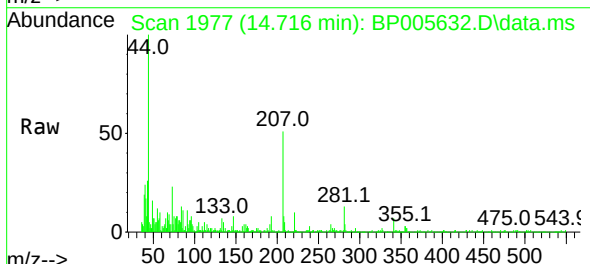
Instrument :
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PB136683BL

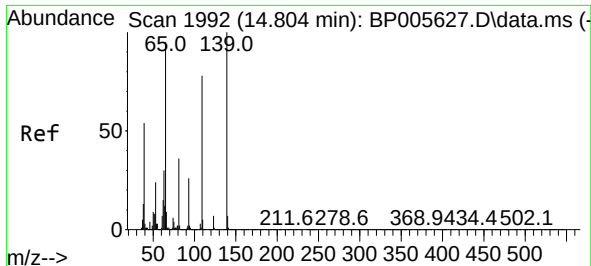
Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
108 100.0 10.2 15.4#
92 245.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 561.1 51.2 76.8#
154 233.3 55.8 83.8#

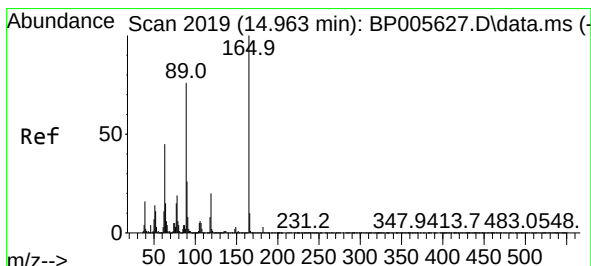
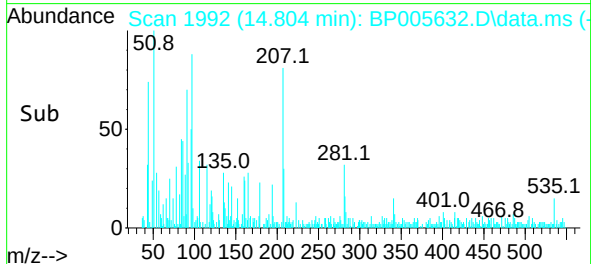
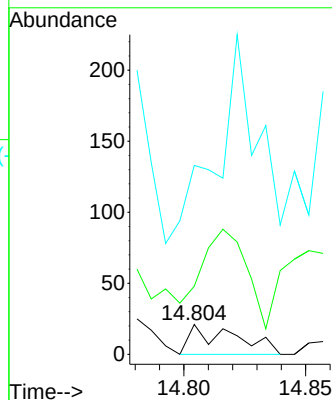
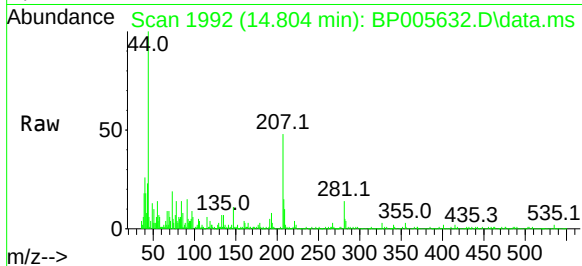




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

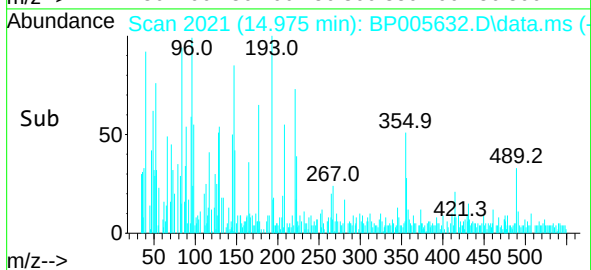
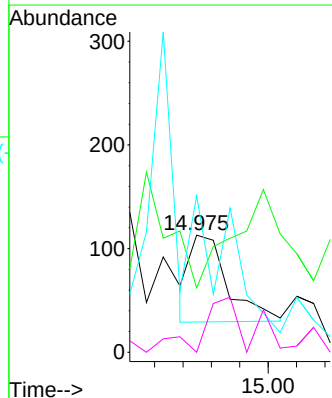
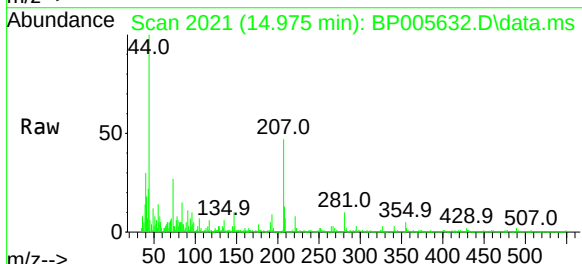
Instrument :
BNA_P
ClientSampleId :
PB136683BL

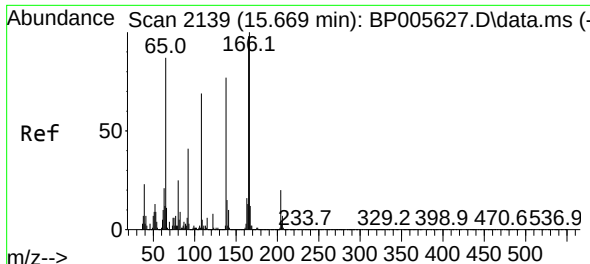
Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 228.6 122.8 162.8#
65 871.4 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:165 Resp: 78
Ion Ratio Lower Upper
165 100
63 54.9 56.7 85.1#
89 133.6 85.8 128.6#
182 0.0 3.0 4.6#

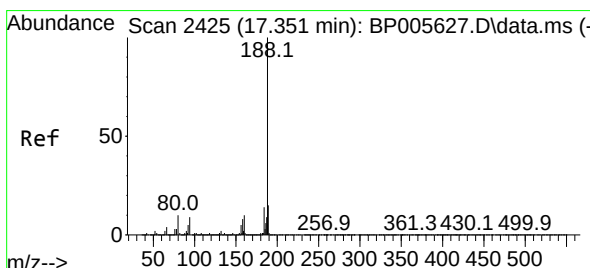
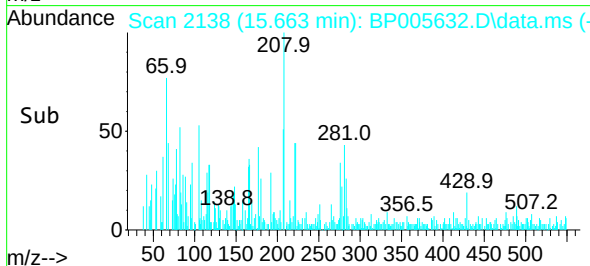
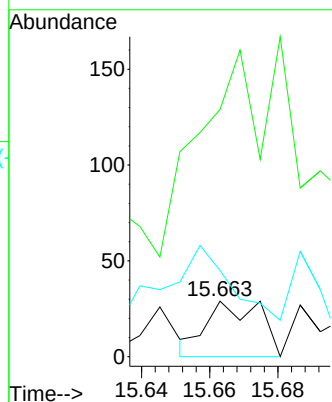
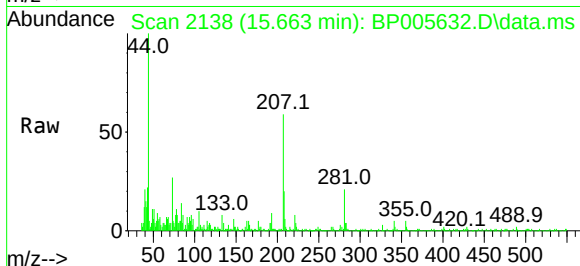




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

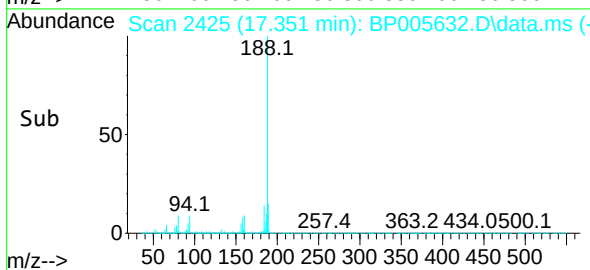
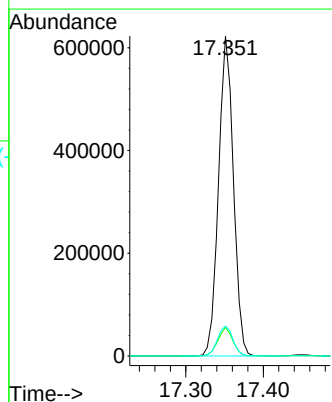
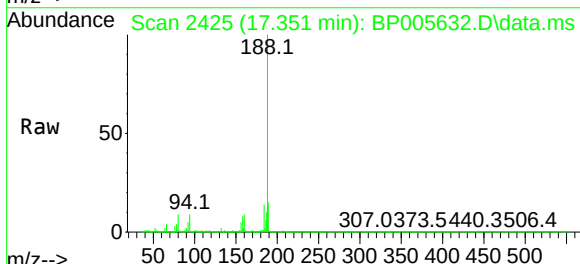
Instrument :
BNA_P
ClientSampleId :
PB136683BL

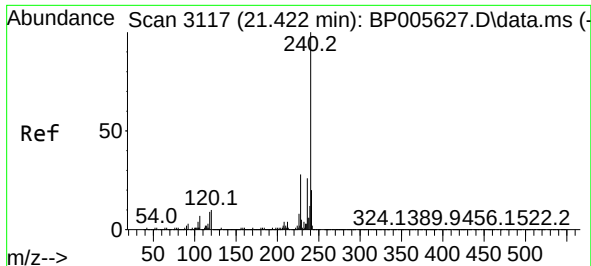
Tgt Ion:138 Resp: 31
Ion Ratio Lower Upper
138 100
92 444.8 50.9 90.9#
108 155.2 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:188 Resp: 830395
Ion Ratio Lower Upper
188 100
94 8.9 5.0 7.6#
80 9.4 5.9 8.9#

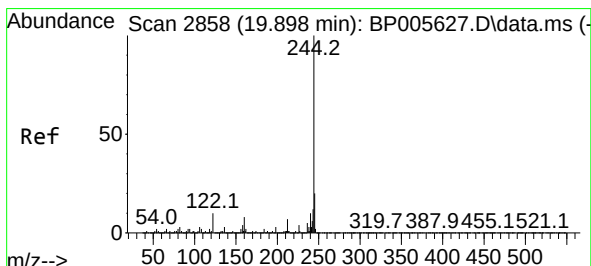
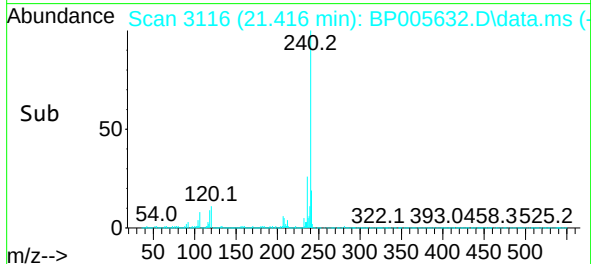
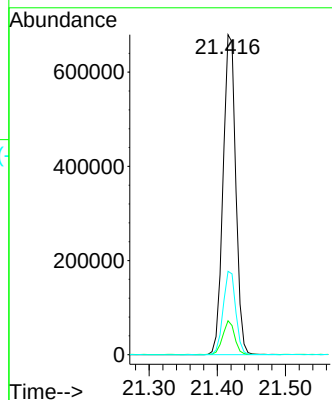
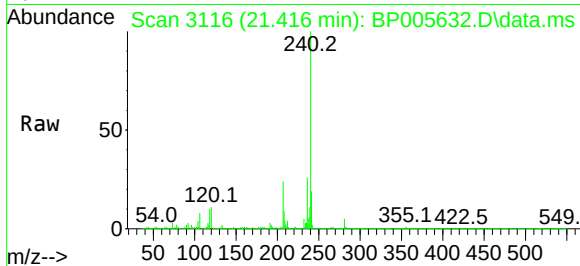




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

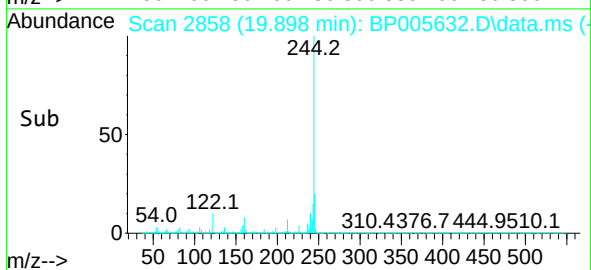
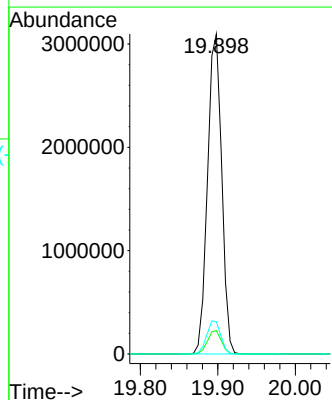
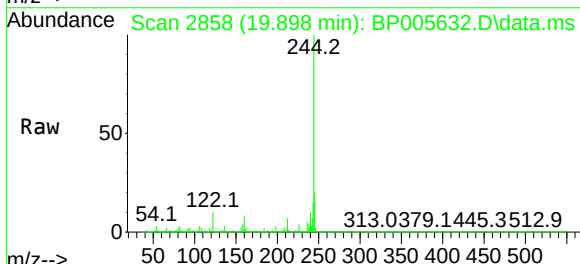
Instrument :
BNA_P
ClientSampleId :
PB136683BL

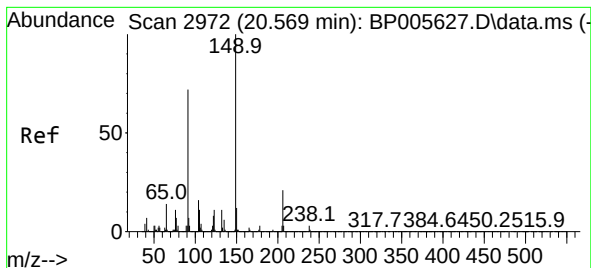
Tgt Ion:240 Resp: 879662
Ion Ratio Lower Upper
240 100
120 10.6 4.2 6.2#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 83.49 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:244 Resp: 3913741
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.1 5.2 7.8#

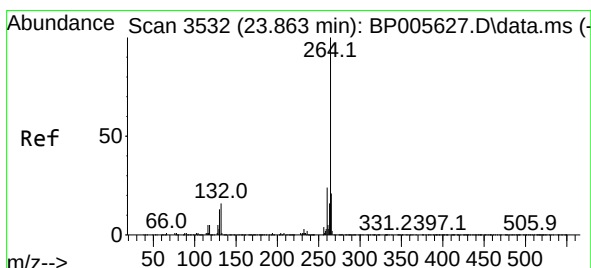
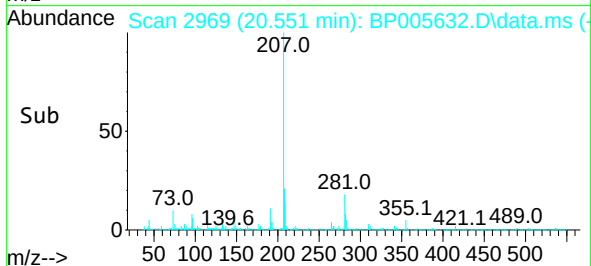
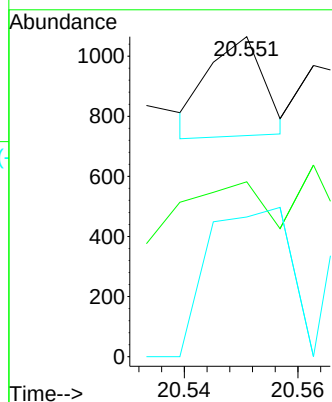
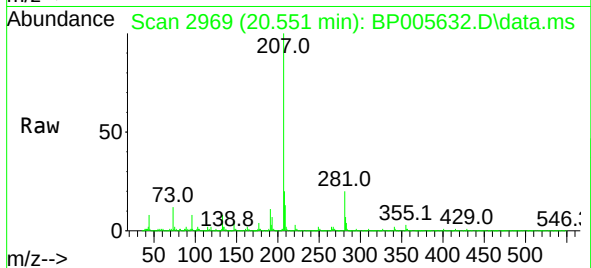




#80
Butylbenzylphthalate
Concen: 4.14 ng
RT: 20.551 min Scan# 2969
Delta R.T. -0.018 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Instrument :
BNA_P
ClientSampled :
PB136683BL

Tgt Ion:149 Resp: 225
Ion Ratio Lower Upper
149 100
91 54.6 60.2 90.4#
206 43.7 23.9 35.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005632.D
Acq: 27 May 2021 16:25

Tgt Ion:264 Resp: 980769
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 22.1 19.0 28.6

