

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005639.D
 Acq On : 28 May 2021 14:49
 Operator : CG/JU
 Sample : PB136704BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136704BL

Quant Time: May 28 15:58:18 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)

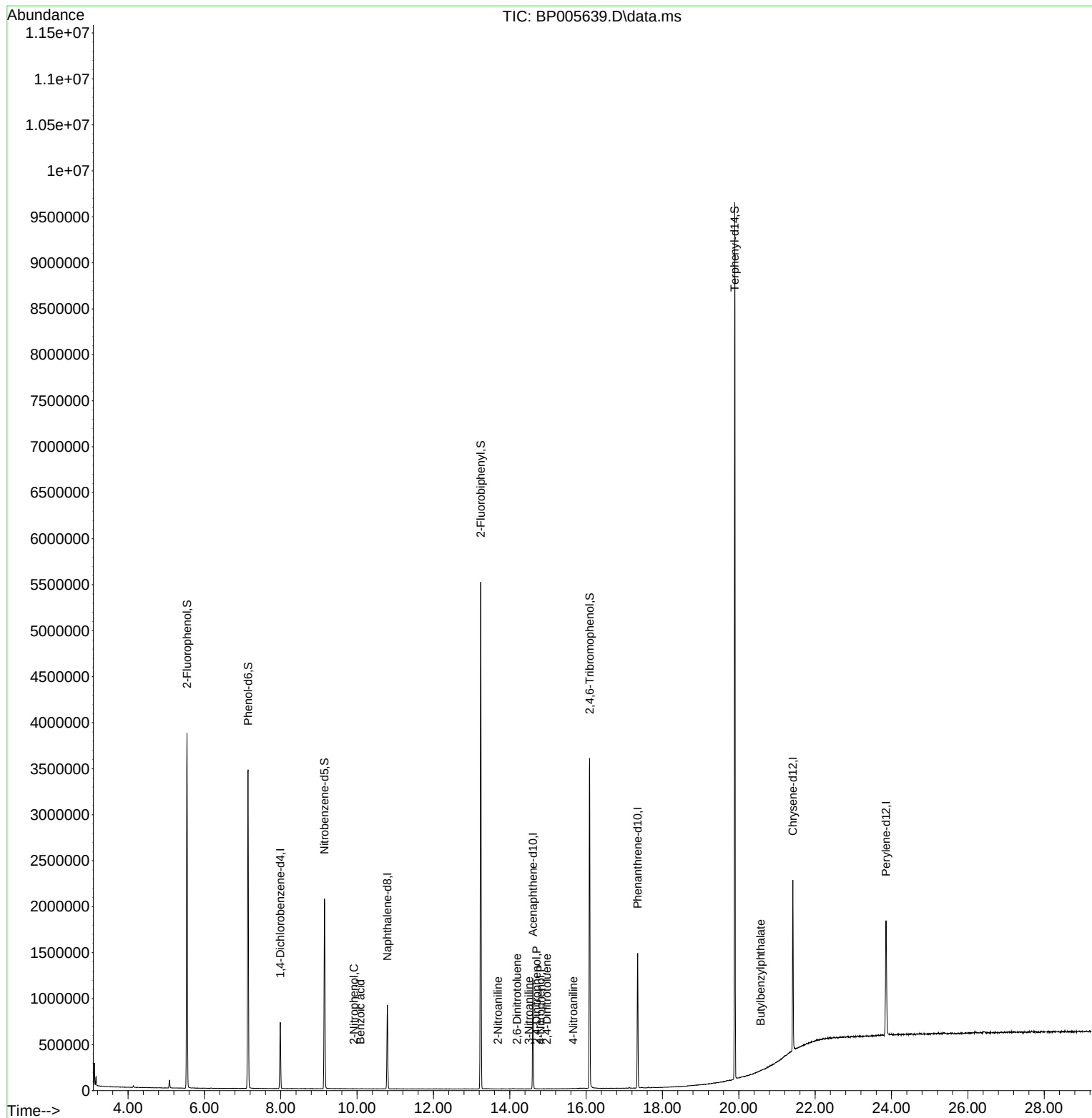
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	188250	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	708767	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	418006	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	846491	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	832423	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	919426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1605414	132.59	ng	0.00
7) Phenol-d6	7.146	99	1934283	117.18	ng	0.00
23) Nitrobenzene-d5	9.146	82	1187271	93.16	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	660114	123.15	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2710202	85.81	ng	0.00
79) Terphenyl-d14	19.892	244	4057410	91.46	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.916	139	48	4.16	ng	# 1
32) Benzoic acid	10.087	122	20	5.02	ng	# 1
48) 2-Nitroaniline	13.687	65	139	4.51	ng	# 56
51) 2,6-Dinitrotoluene	14.193	165	169	5.08	ng	# 39
53) 3-Nitroaniline	14.504	138	44	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.704	184	42	6.54	ng	# 60
56) 4-Nitrophenol	14.804	139	139	3.77	ng	# 82
57) 2,4-Dinitrotoluene	14.969	165	170	4.28	ng	# 79
62) 4-Nitroaniline	15.663	138	22	3.63	ng	# 27
80) Butylbenzylphthalate	20.569	149	990	4.17	ng	# 59

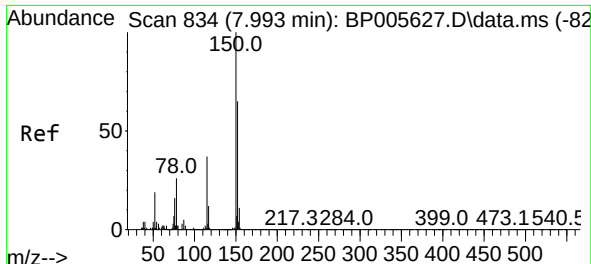
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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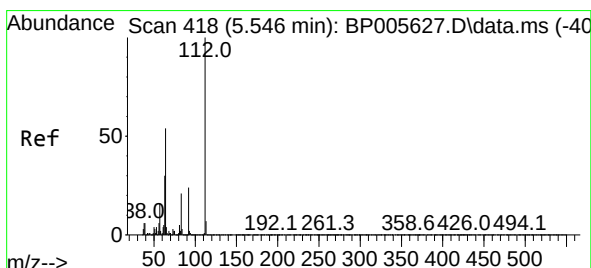
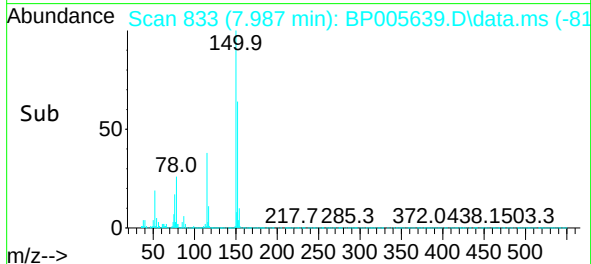
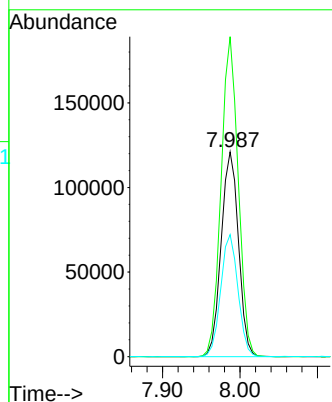
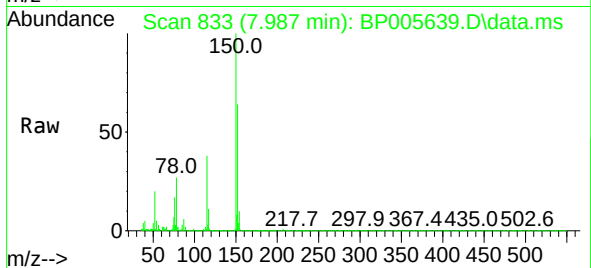




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

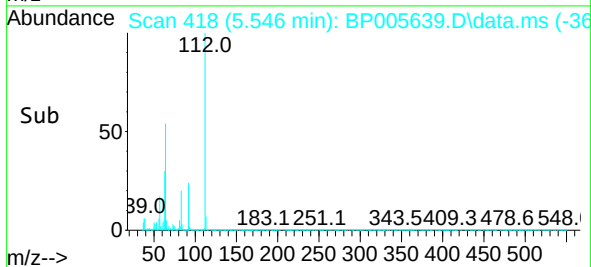
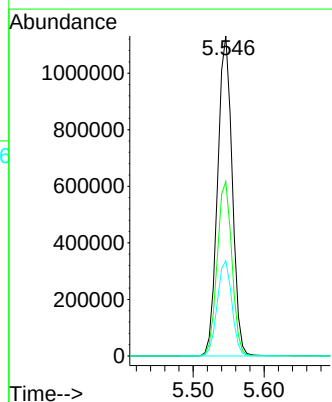
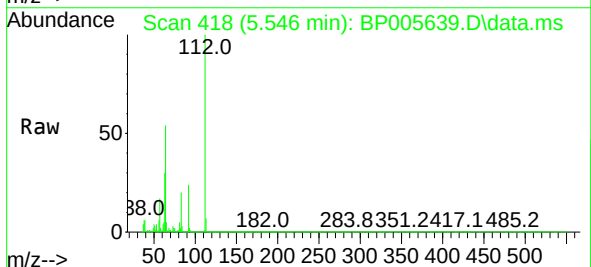
Instrument :
BNA_P
ClientSampleId :
PB136704BL

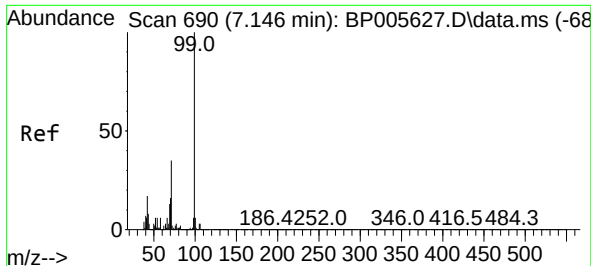
Tgt Ion:152 Resp: 188250
Ion Ratio Lower Upper
152 100
150 156.3 119.8 179.8
115 59.6 49.0 73.4



#5
2-Fluorophenol
Concen: 132.59 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:112 Resp: 1605414
Ion Ratio Lower Upper
112 100
64 54.5 33.6 50.4#
63 29.7 18.6 27.8#

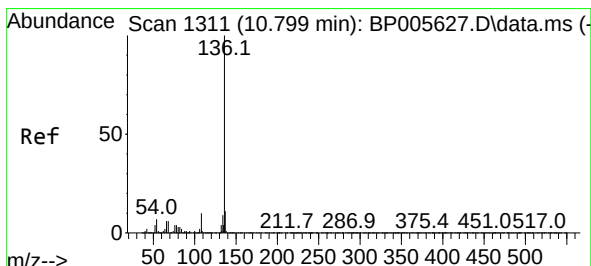
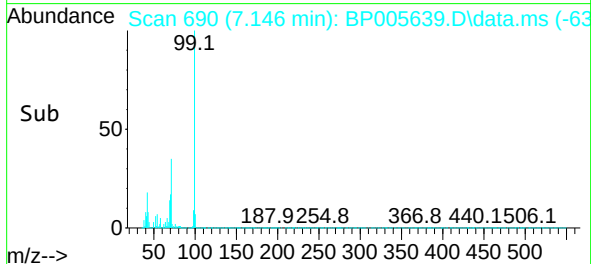
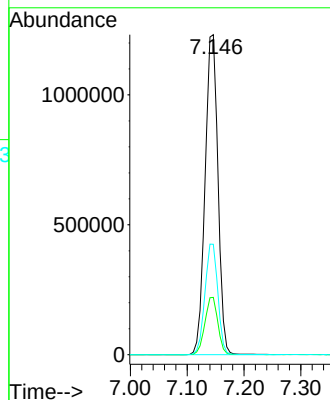
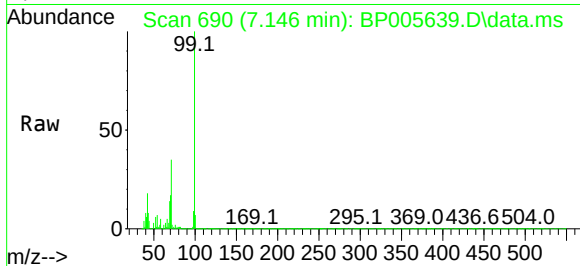




#7
Phenol-d6
Concen: 117.18 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

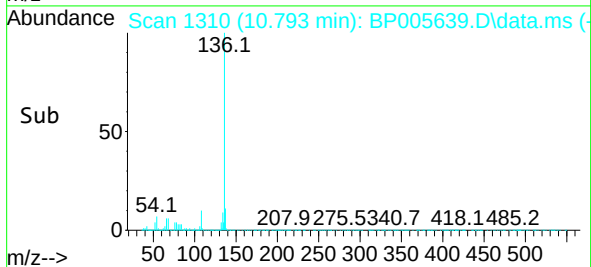
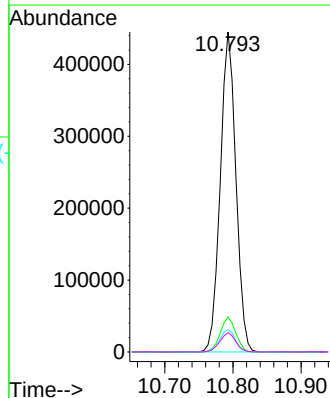
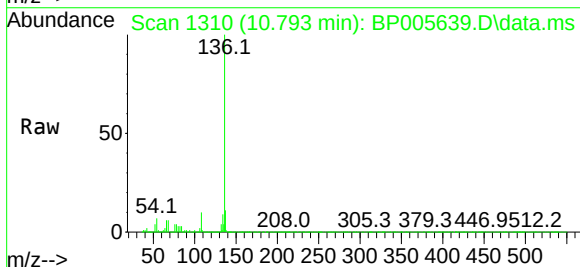
Instrument :
BNA_P
ClientSampleId :
PB136704BL

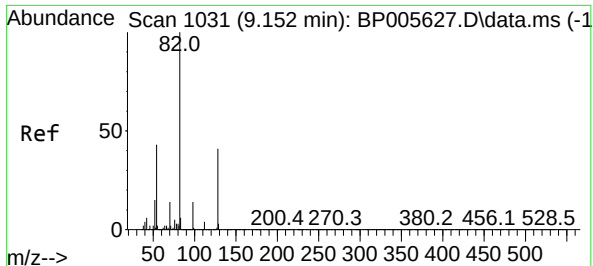
Tgt Ion: 99 Resp: 1934283
Ion Ratio Lower Upper
99 100
42 17.9 12.9 19.3
71 34.5 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:136 Resp: 708767
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.0 7.4
68 6.0 3.7 5.5#

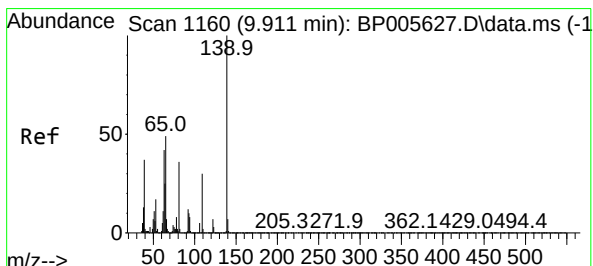
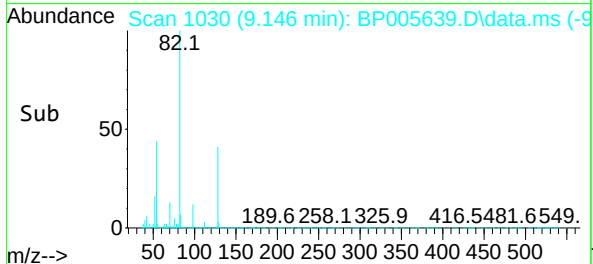
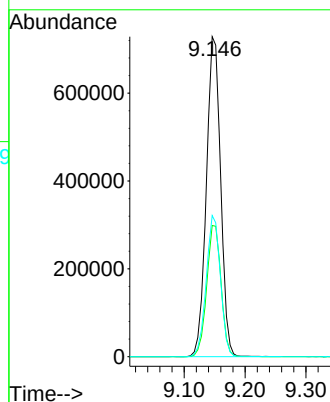
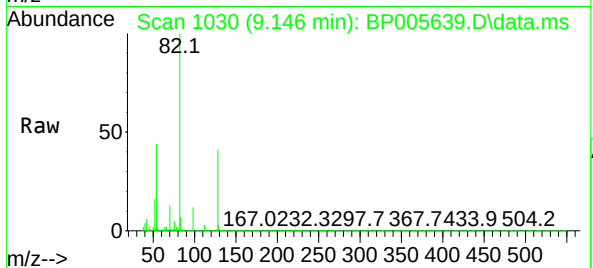




#23
Nitrobenzene-d5
Concen: 93.16 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

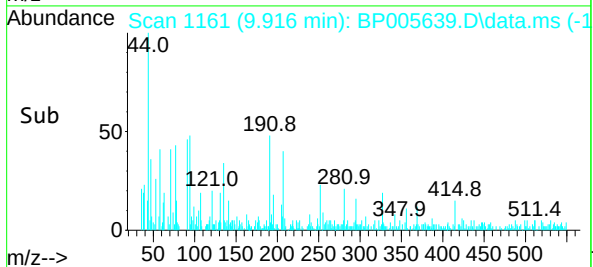
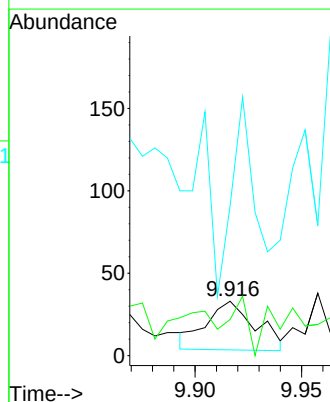
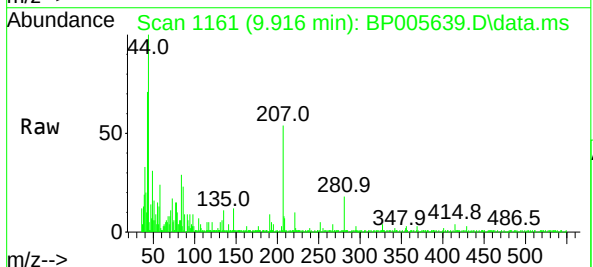
Instrument :
BNA_P
ClientSampleId :
PB136704BL

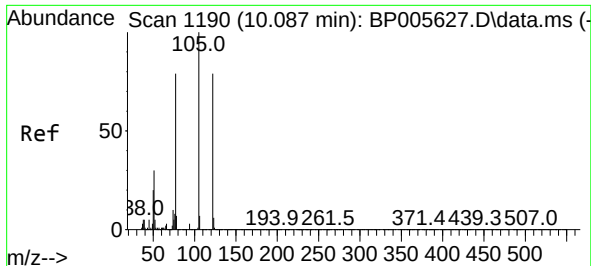
Tgt Ion: 82 Resp: 1187271
Ion Ratio Lower Upper
82 100
128 41.0 30.5 45.7
54 44.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.005 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion: 139 Resp: 48
Ion Ratio Lower Upper
139 100
109 66.7 40.7 61.1#
65 275.8 47.8 71.6#

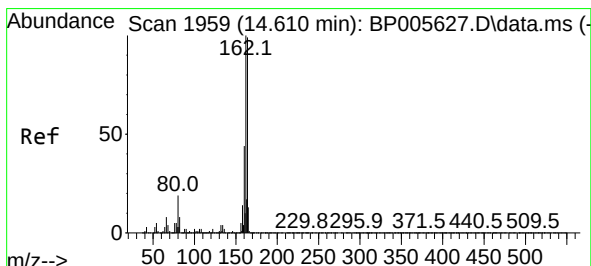
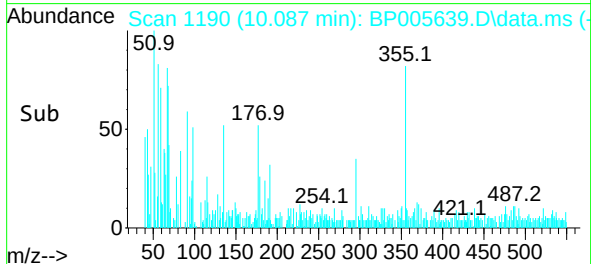
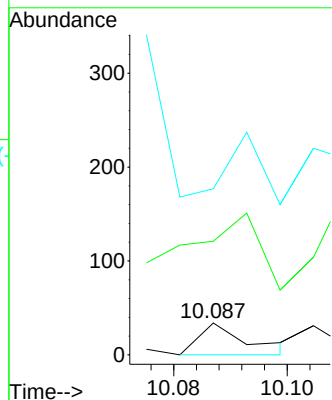
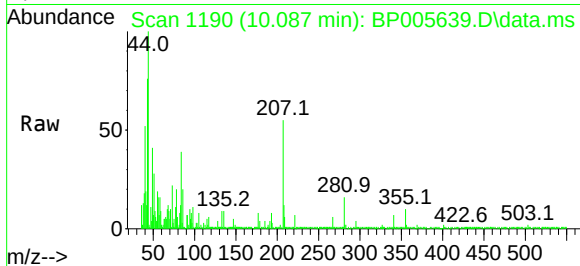




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.087 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

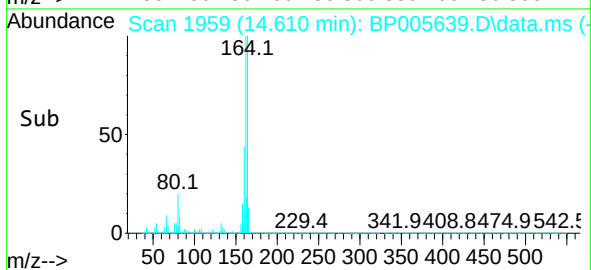
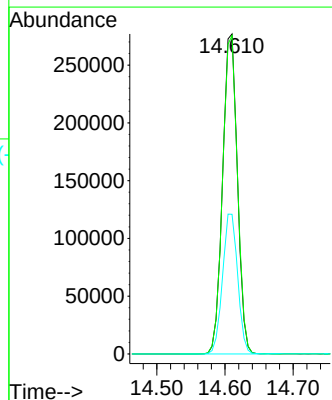
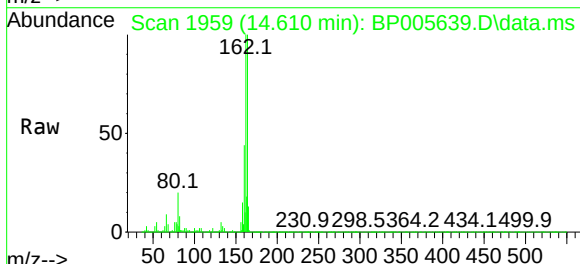
Instrument :
BNA_P
ClientSampleId :
PB136704BL

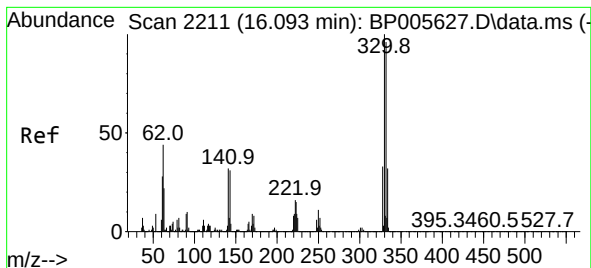
Tgt Ion:122 Resp: 20
Ion Ratio Lower Upper
122 100
105 355.9 105.1 145.1#
77 520.6 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:164 Resp: 418006
Ion Ratio Lower Upper
164 100
162 99.5 73.5 110.3
160 43.7 40.6 61.0

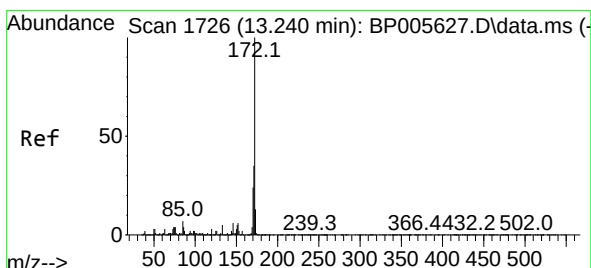
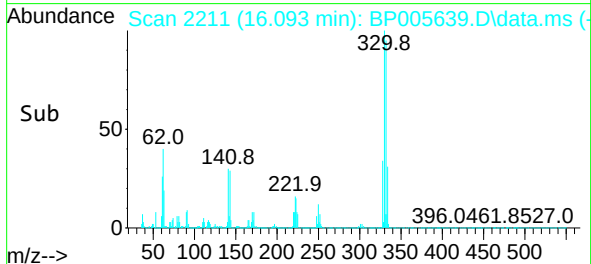
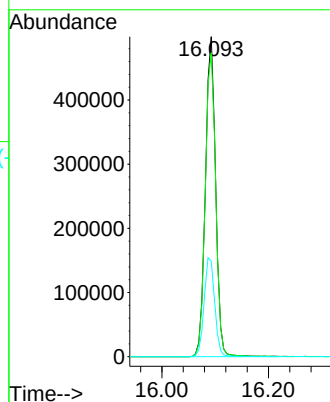
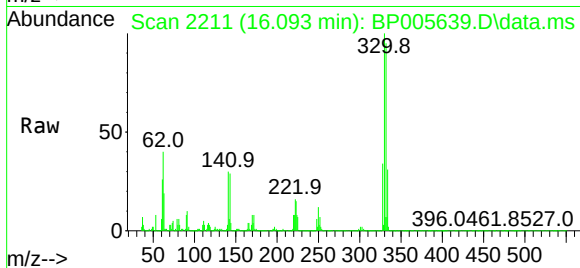




#42
2,4,6-Tribromophenol
Concen: 123.15 ng
RT: 16.093 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

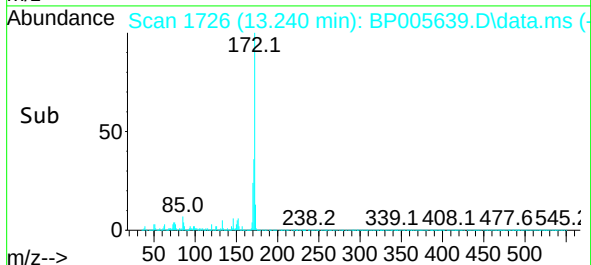
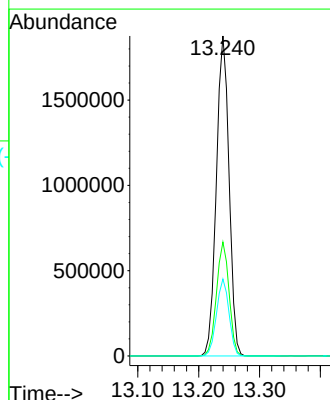
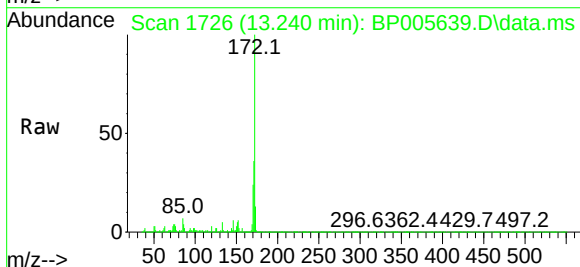
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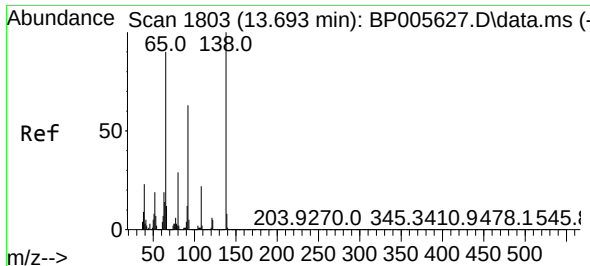
Tgt Ion: 330 Resp: 660114
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 32.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 85.81 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion: 172 Resp: 2710202
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.1 19.6 29.4

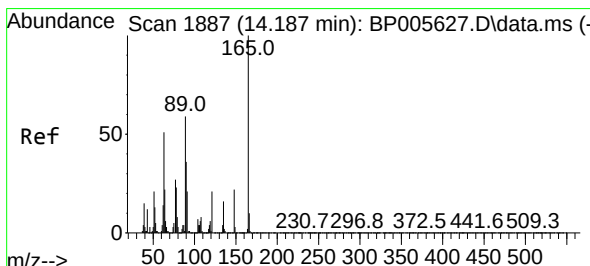
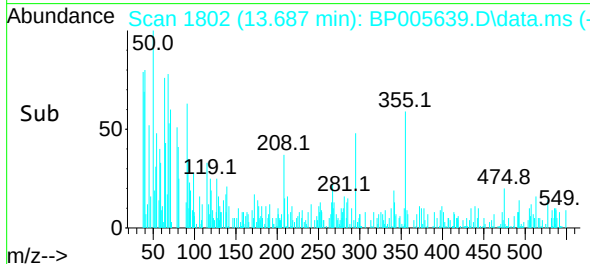
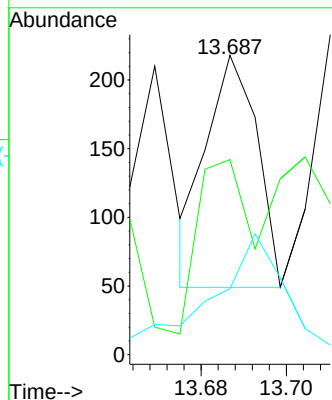
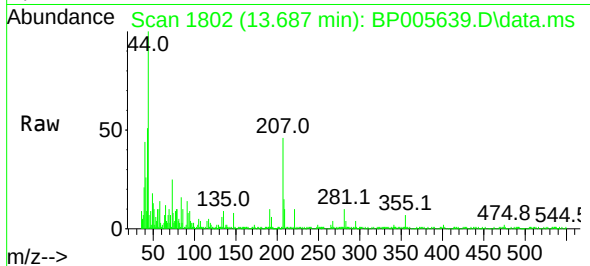




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

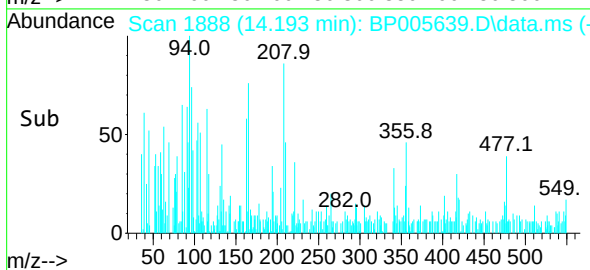
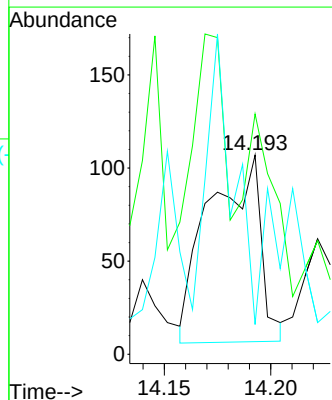
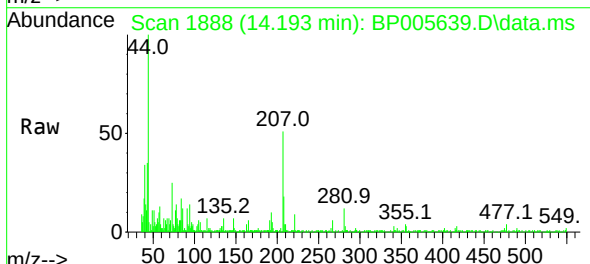
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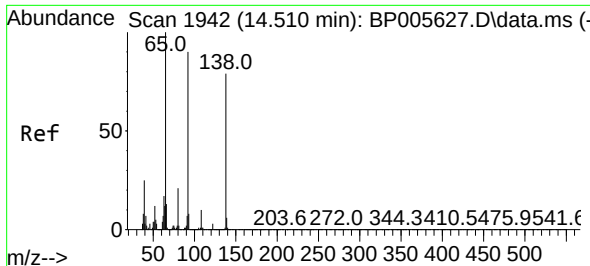
Tgt Ion: 65 Resp: 139
Ion Ratio Lower Upper
65 100
92 65.1 48.8 73.2
138 22.0 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.193 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion: 165 Resp: 169
Ion Ratio Lower Upper
165 100
63 120.6 67.4 101.0#
89 15.0 73.8 110.6#

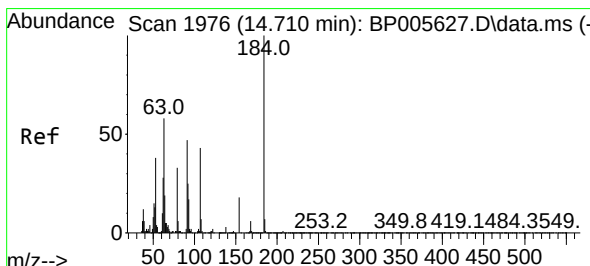
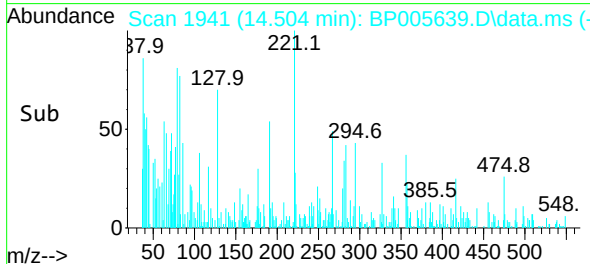
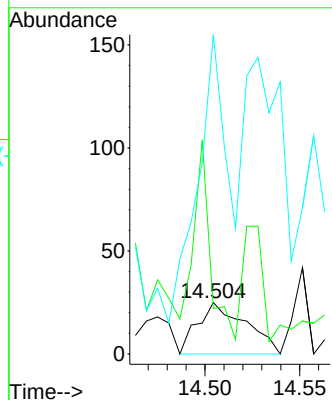
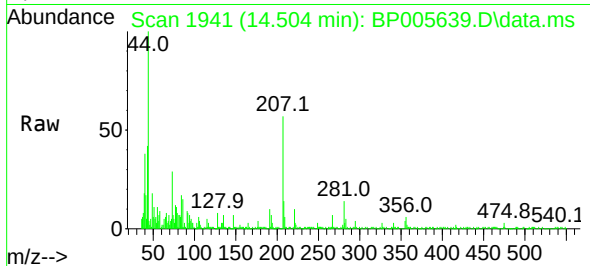




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

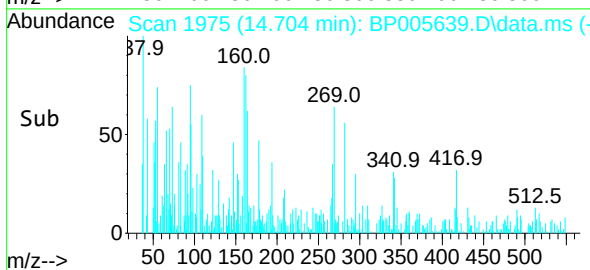
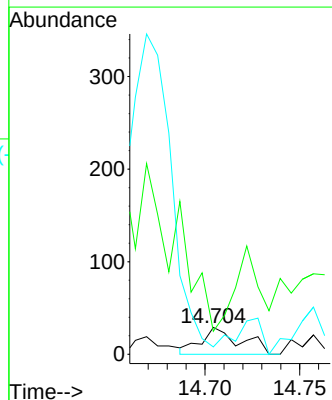
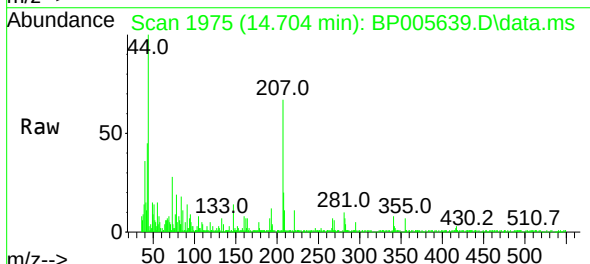
Instrument :
BNA_P
ClientSampleId :
PB136704BL

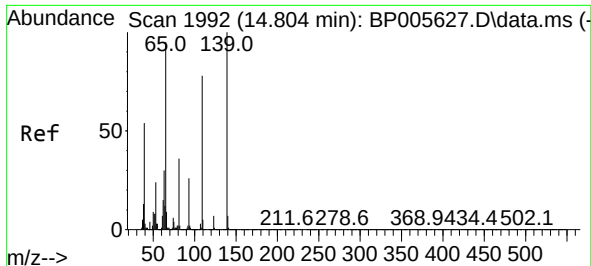
Tgt Ion:138 Resp: 44
Ion Ratio Lower Upper
138 100
108 108.0 10.2 15.4#
92 620.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 86.2 51.2 76.8#
154 27.6 55.8 83.8#

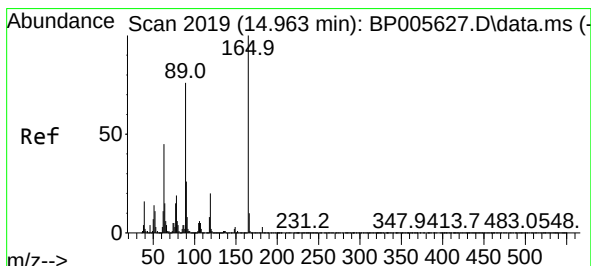
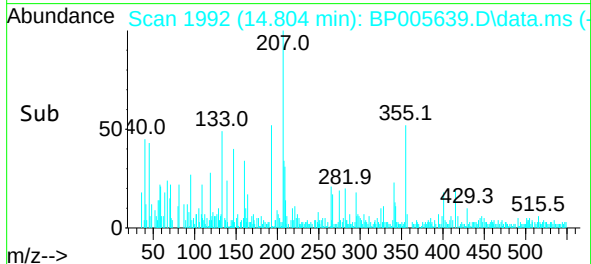
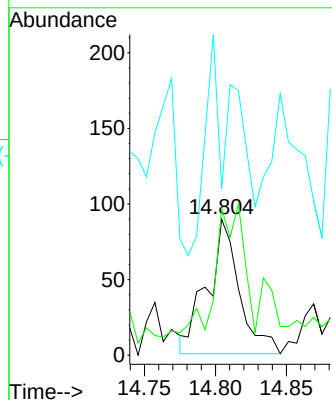
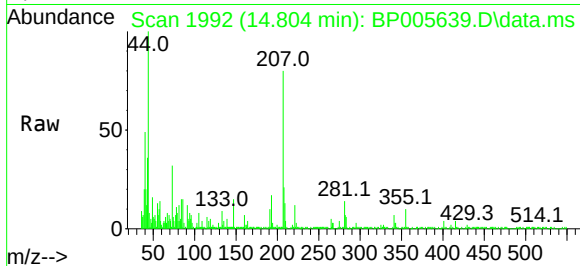




#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

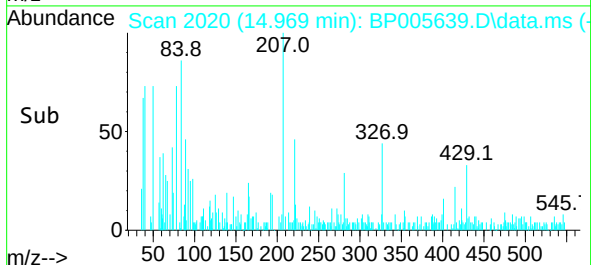
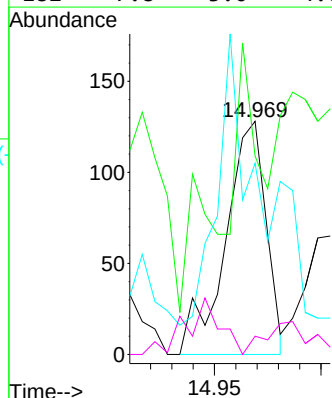
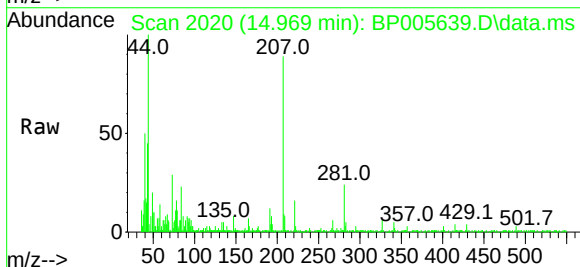
Instrument :
BNA_P
ClientSampleId :
PB136704BL

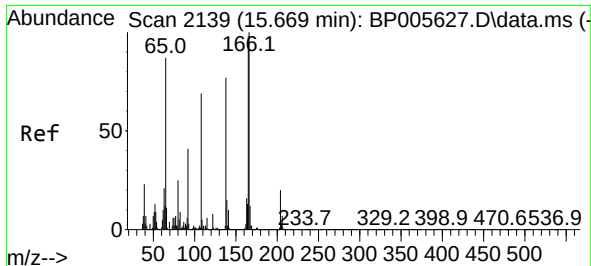
Tgt Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 107.8 122.8 162.8#
65 122.2 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:165 Resp: 170
Ion Ratio Lower Upper
165 100
63 85.2 56.7 85.1#
89 82.0 85.8 128.6#
182 7.8 3.0 4.6#

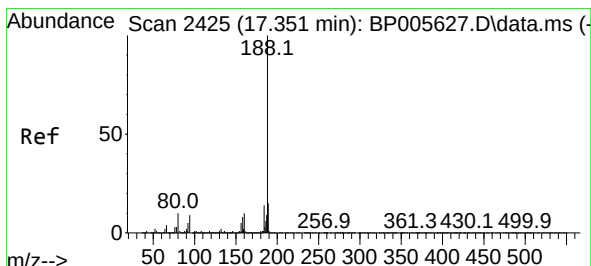
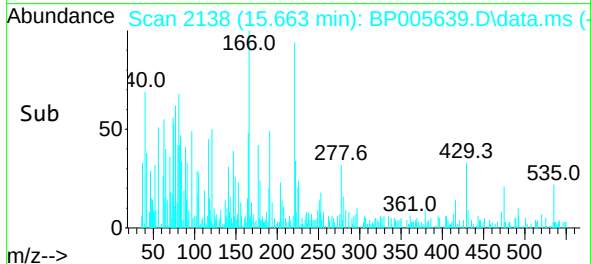
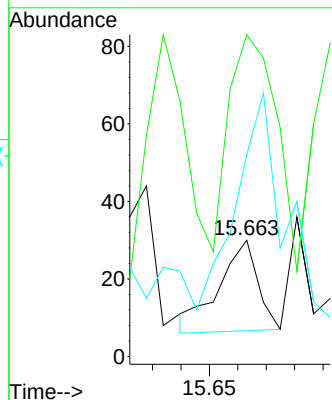
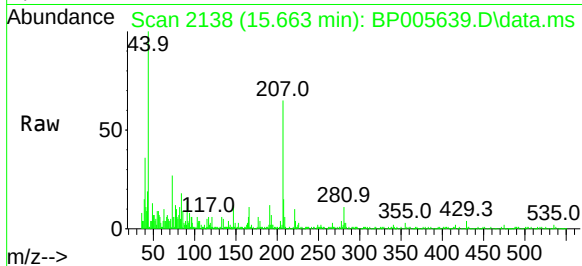




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

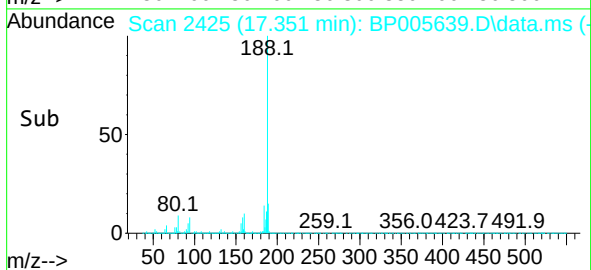
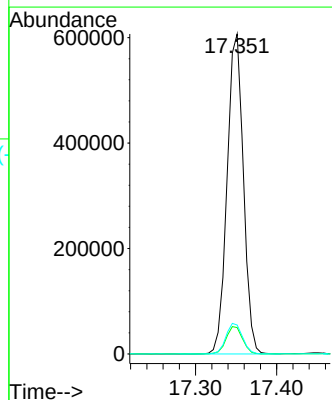
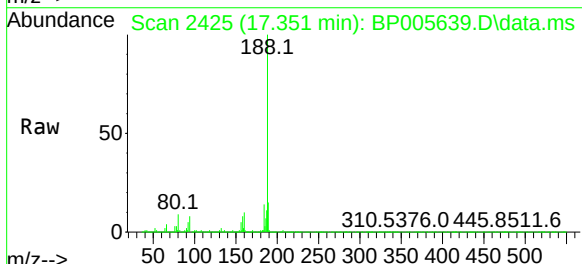
Instrument :
BNA_P
ClientSampleId :
PB136704BL

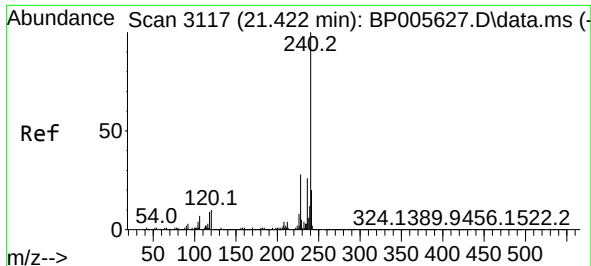
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 276.7 50.9 90.9#
108 173.3 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:188 Resp: 846491
Ion Ratio Lower Upper
188 100
94 8.3 5.0 7.6#
80 9.1 5.9 8.9#

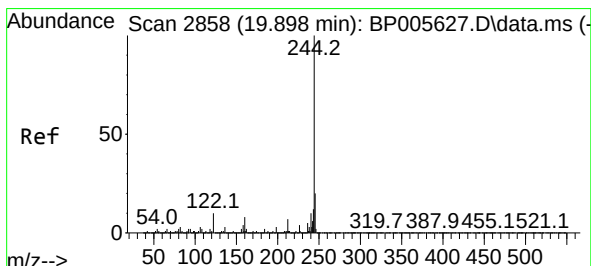
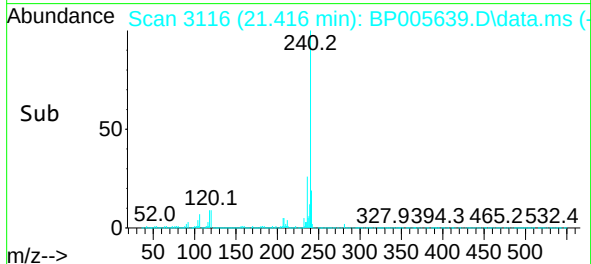
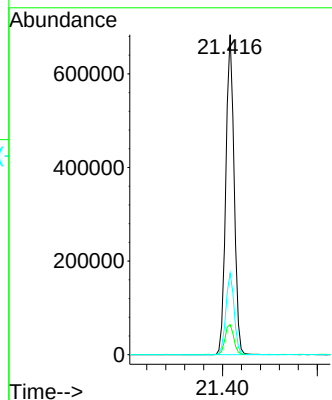
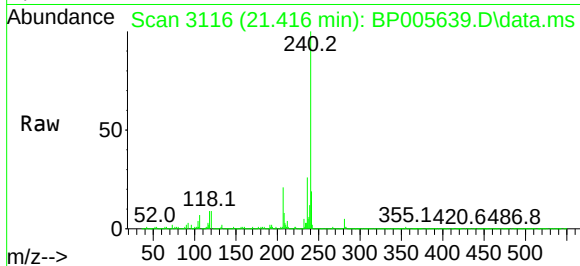




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

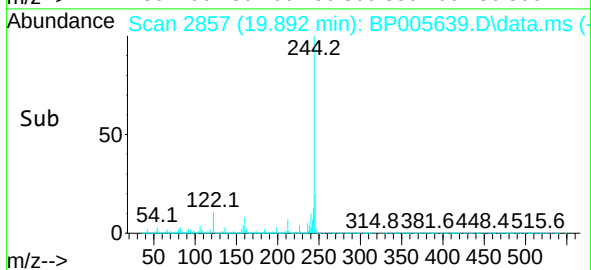
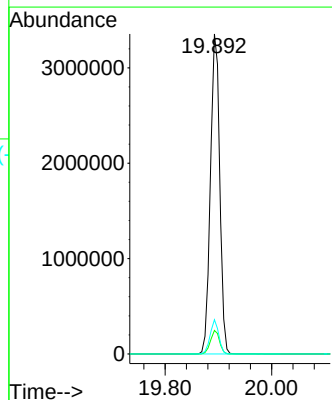
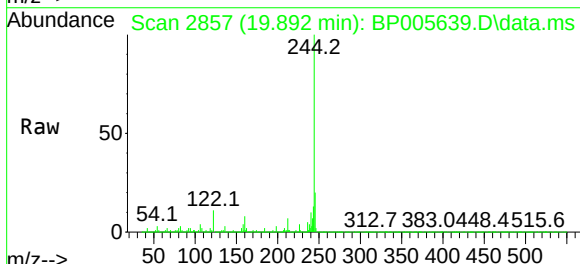
Instrument :
BNA_P
ClientSampleId :
PB136704BL

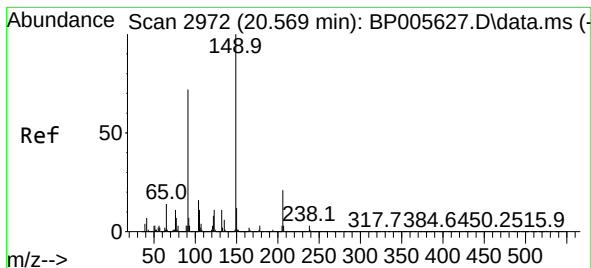
Tgt Ion:240 Resp: 832423
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 91.46 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005639.D
Acq: 28 May 2021 14:49

Tgt Ion:244 Resp: 4057410
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.7 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.17 ng

RT: 20.569 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BP005639.D

Acq: 28 May 2021 14:49

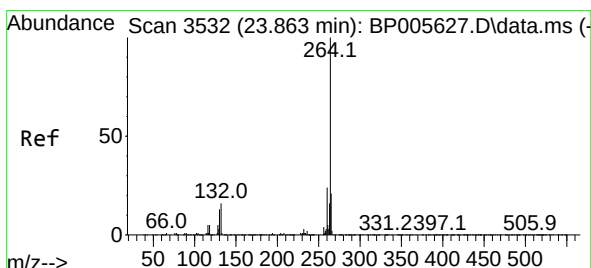
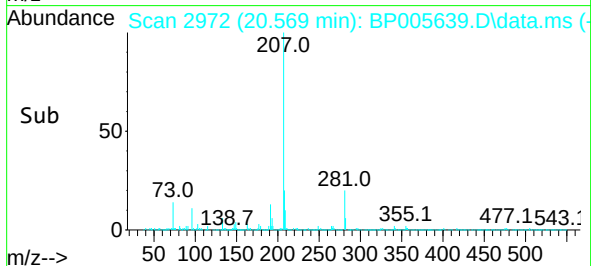
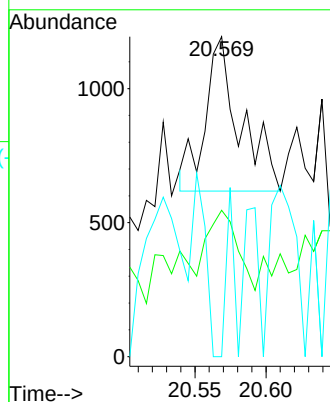
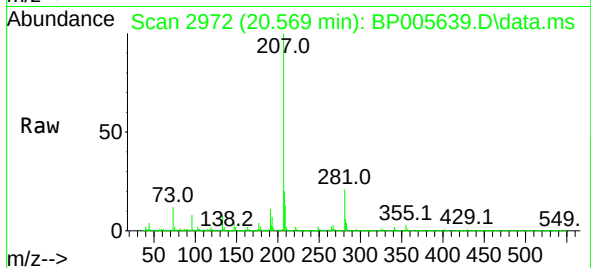
Tgt Ion:	149	Resp:	990
Ion Ratio	Lower	Upper	
149	100		
91	45.7	60.2	90.4#
206	0.0	23.9	35.9#

Instrument :

BNA_P

ClientSampleId :

PB136704BL



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.857 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP005639.D

Acq: 28 May 2021 14:49

Tgt Ion:	264	Resp:	919426
Ion Ratio	Lower	Upper	
264	100		
260	23.5	20.6	30.8
265	21.8	19.0	28.6

