

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005635.D
 Acq On : 28 May 2021 12:25
 Operator : CG/JU
 Sample : PB136703BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136703BL

Quant Time: May 28 13:11:35 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)

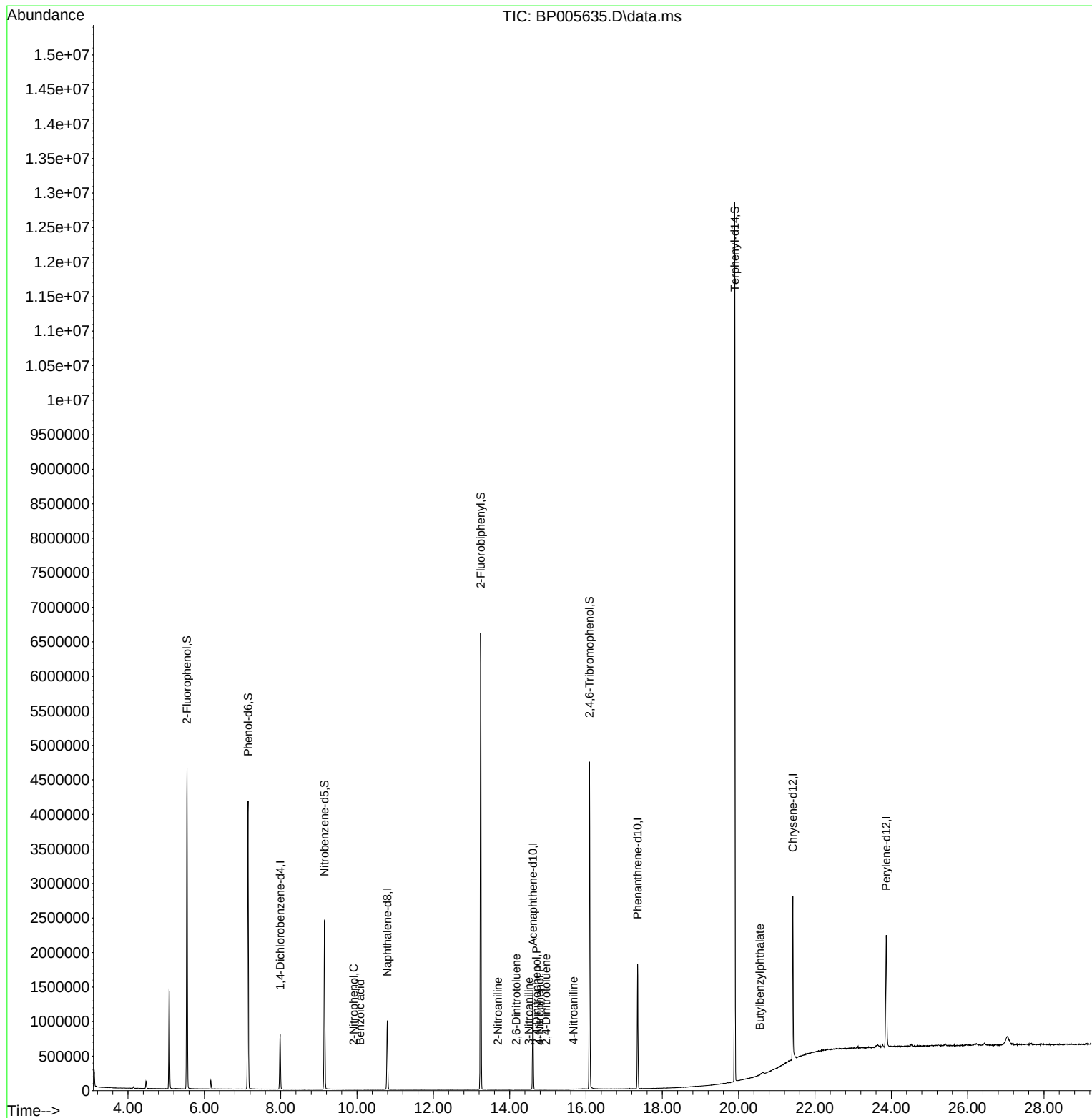
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	210319	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	803072	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	478800	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1017819	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	1105043	20.00	ng	# 0.00
86) Perylene-d12	23.868	264	1188939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1947801	143.99	ng	0.00
7) Phenol-d6	7.145	99	2363653	128.17	ng	0.00
23) Nitrobenzene-d5	9.145	82	1417254	98.15	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	835828	136.14	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3249589	89.82	ng	0.00
79) Terphenyl-d14	19.898	244	5441375	92.40	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.916	139	38	4.16	ng	# 1
32) Benzoic acid	10.081	122	33	5.02	ng	# 1
48) 2-Nitroaniline	13.692	65	130	4.50	ng	# 32
51) 2,6-Dinitrotoluene	14.175	165	115	5.07	ng	# 68
53) 3-Nitroaniline	14.504	138	26	3.66	ng	# 79
54) 2,4-Dinitrophenol	14.704	184	22	6.53	ng	# 30
56) 4-Nitrophenol	14.786	139	43	3.75	ng	# 15
57) 2,4-Dinitrotoluene	14.951	165	220	4.28	ng	# 66
62) 4-Nitroaniline	15.674	138	37	3.63	ng	# 1
80) Butylbenzylphthalate	20.557	149	475	4.14	ng	# 61

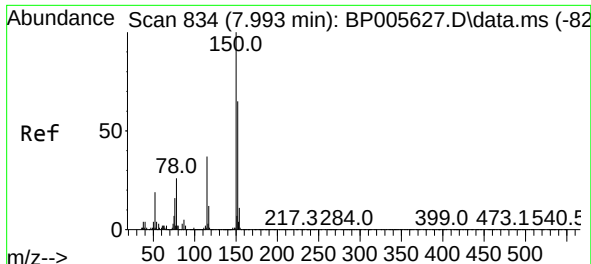
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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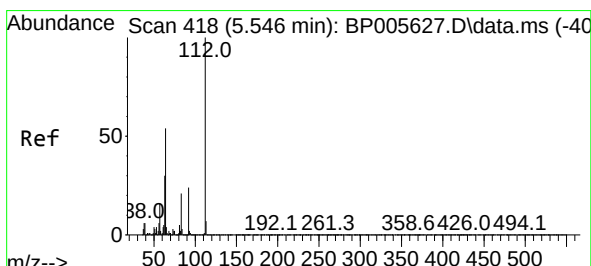
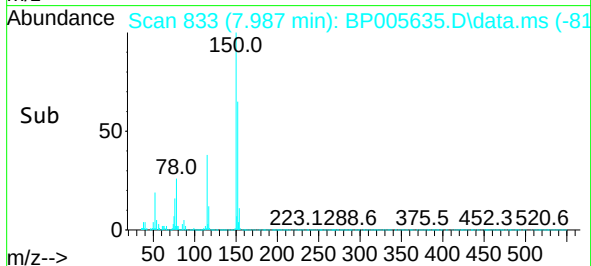
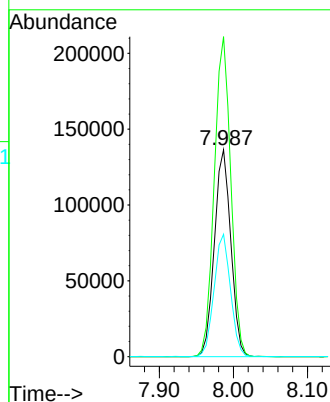
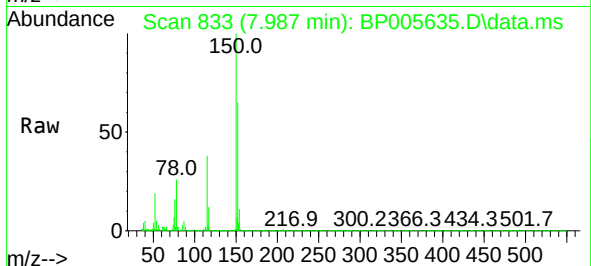




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

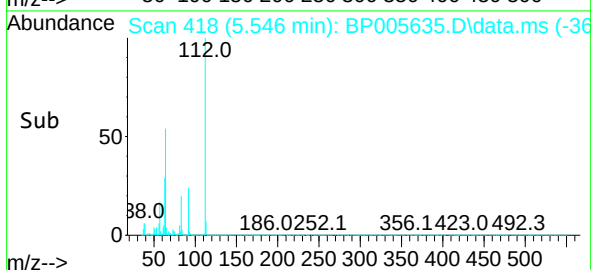
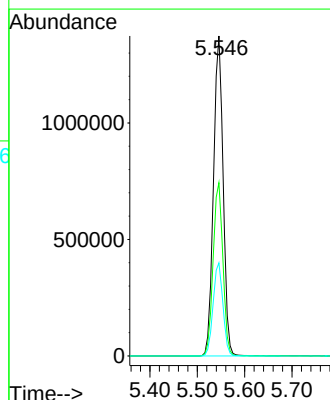
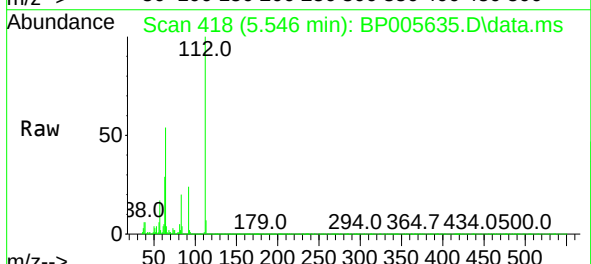
Instrument :
BNA_P
ClientSampleId :
PB136703BL

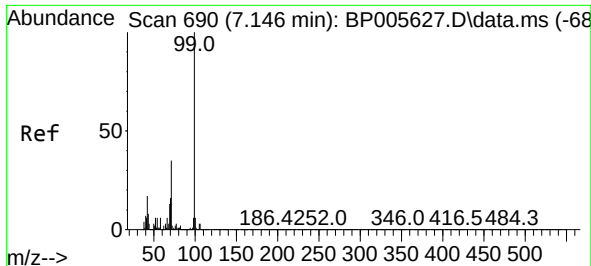
Tgt Ion:152 Resp: 210319
Ion Ratio Lower Upper
152 100
150 154.7 119.8 179.8
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 143.99 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:112 Resp: 1947801
Ion Ratio Lower Upper
112 100
64 54.2 33.6 50.4#
63 29.1 18.6 27.8#



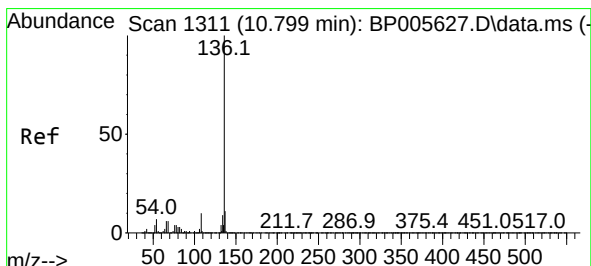
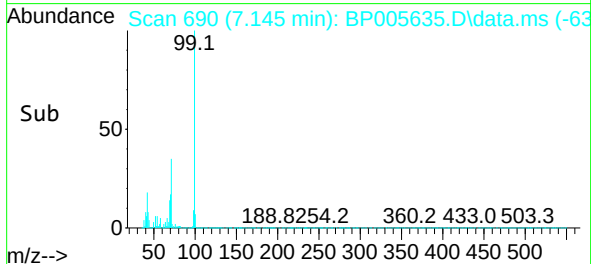
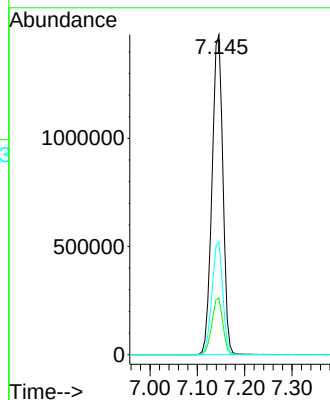
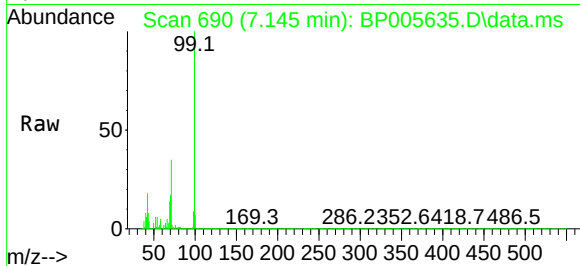


#7
Phenol-d6
Concen: 128.17 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Instrument :
BNA_P
ClientSampleId :
PB136703BL

Tgt Ion: 99 Resp: 2363653

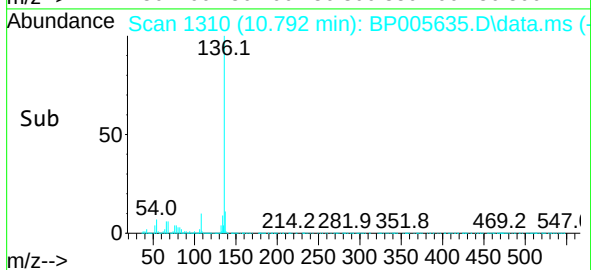
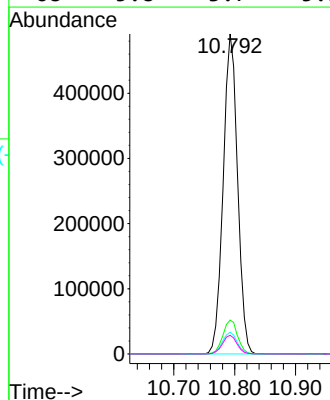
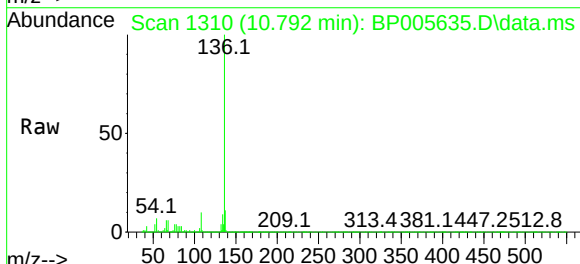
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	35.2	26.7	40.1

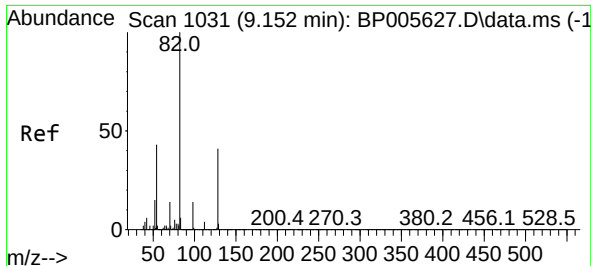


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.007 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:136 Resp: 803072

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	5.0	7.4
68	5.8	3.7	5.5

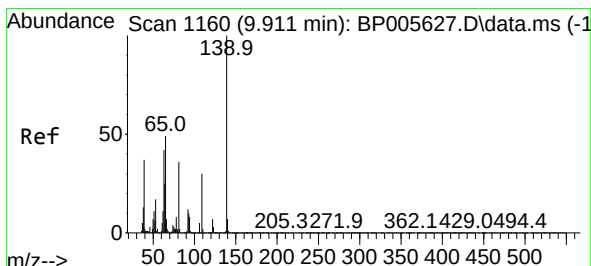
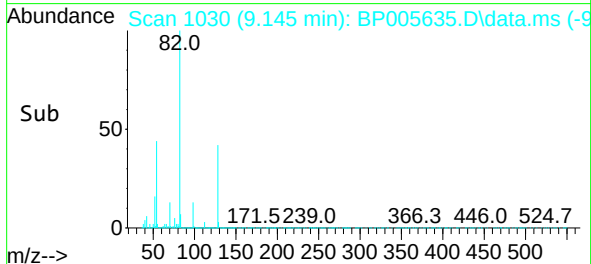
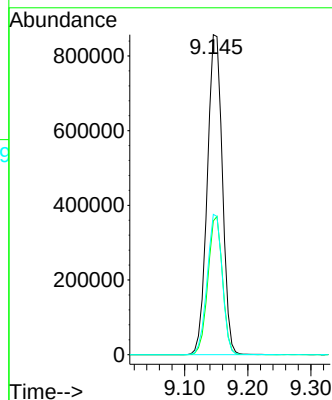
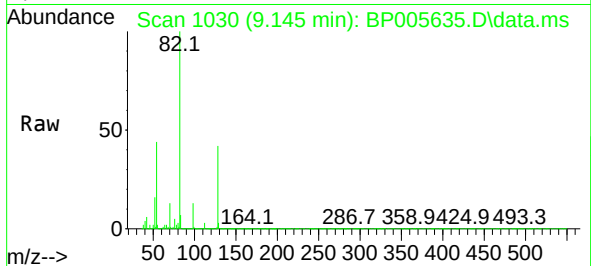




#23
Nitrobenzene-d5
Concen: 98.15 ng
RT: 9.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

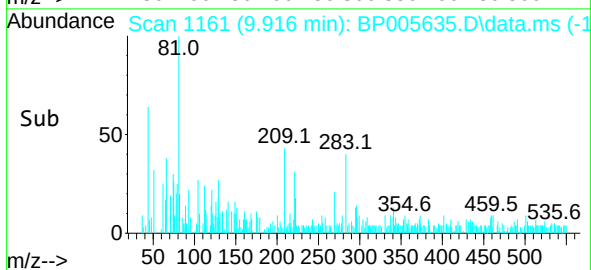
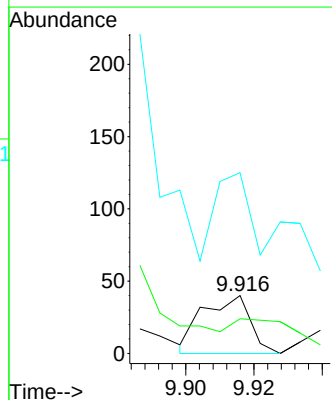
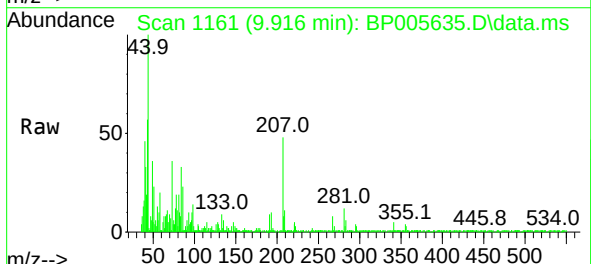
Instrument :
BNA_P
ClientSampleId :
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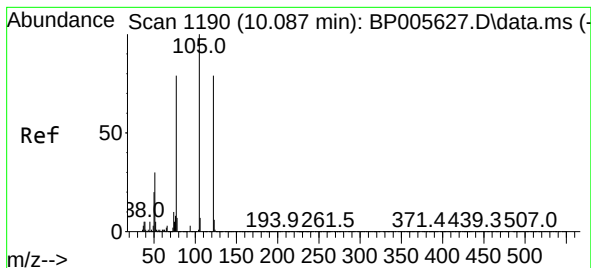
Tgt Ion: 82 Resp: 1417254
Ion Ratio Lower Upper
82 100
128 41.8 30.5 45.7
54 43.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.005 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion: 139 Resp: 38
Ion Ratio Lower Upper
139 100
109 60.0 40.7 61.1
65 312.5 47.8 71.6#

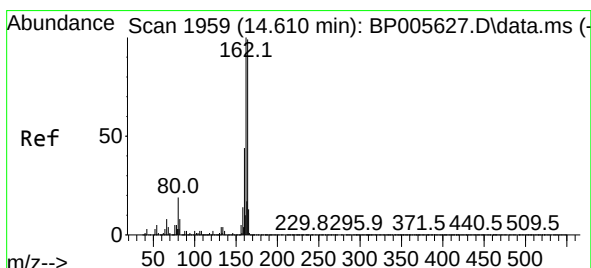
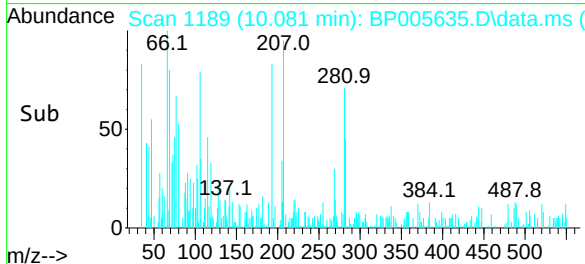
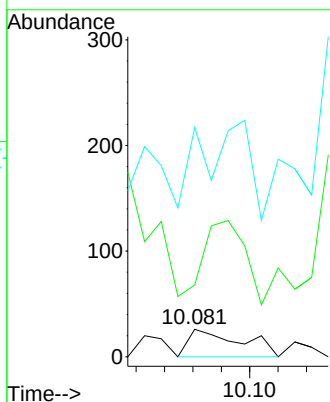
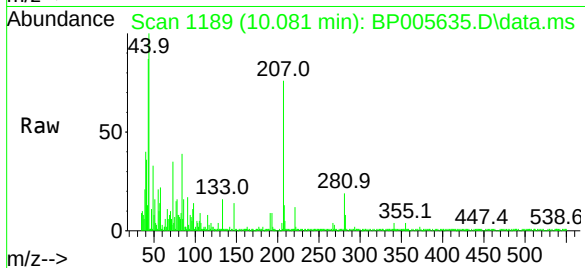




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

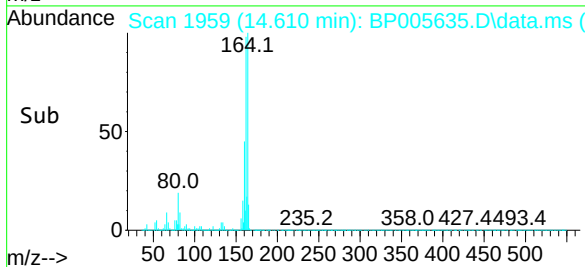
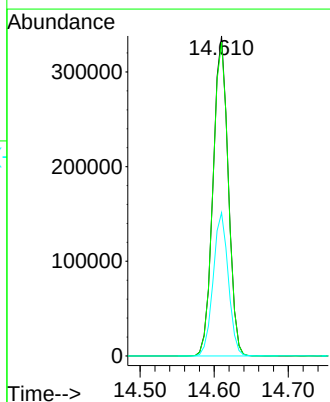
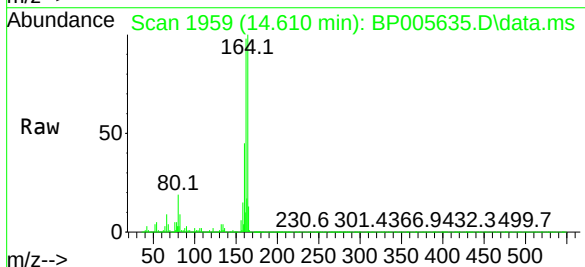
Instrument :
BNA_P
ClientSampleId :
PB136703BL

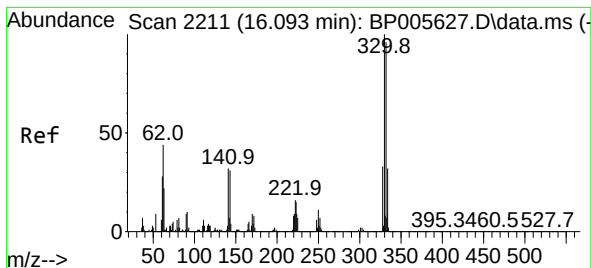
Tgt Ion:122 Resp: 33
Ion Ratio Lower Upper
122 100
105 261.5 105.1 145.1#
77 834.6 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:164 Resp: 478800
Ion Ratio Lower Upper
164 100
162 98.1 73.5 110.3
160 44.7 40.6 61.0

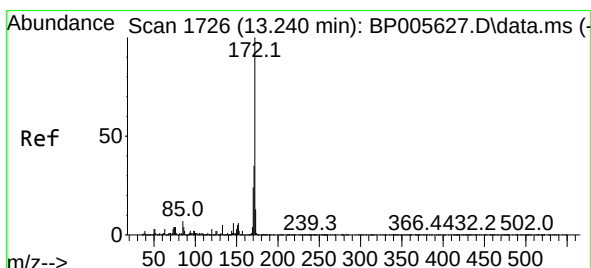
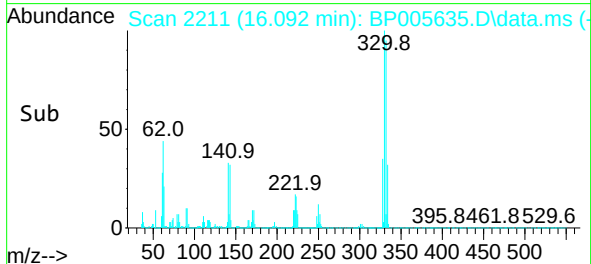
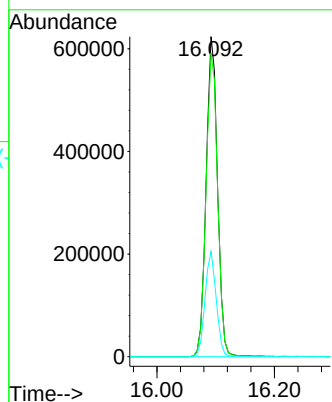
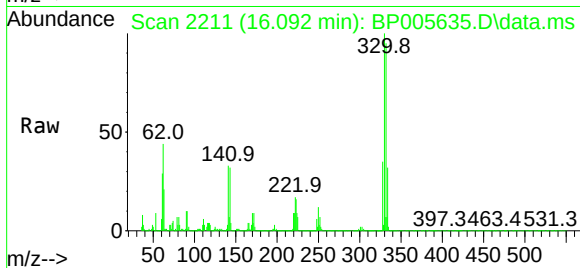




#42
2,4,6-Tribromophenol
Concen: 136.14 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

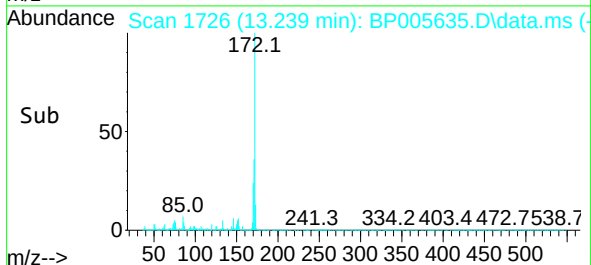
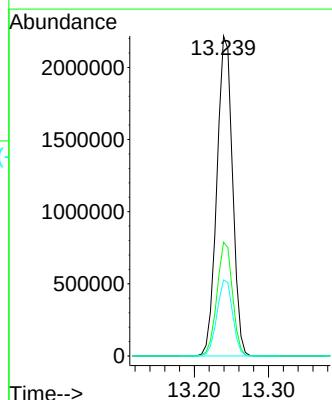
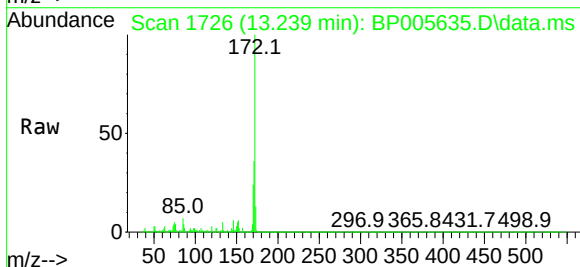
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ClientSampleId :
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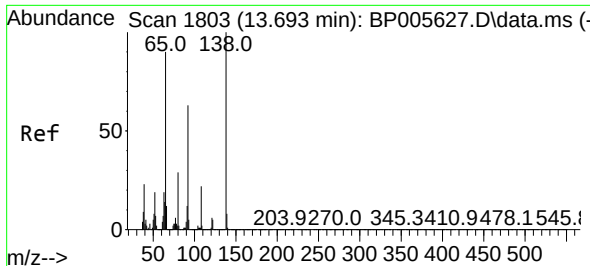
Tgt Ion:330 Resp: 835828
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 32.4 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 89.82 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:172 Resp: 3249589
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.8 19.6 29.4

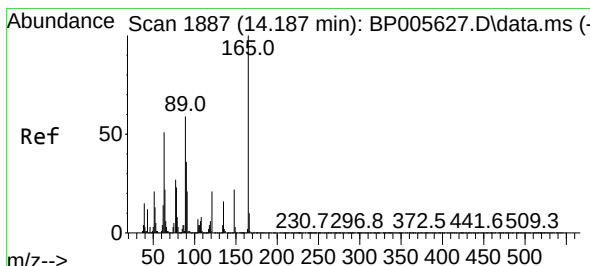
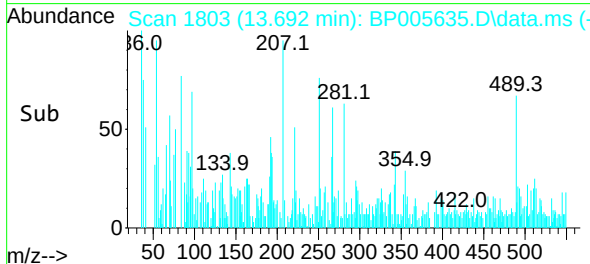
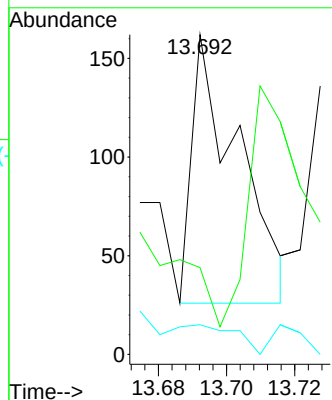
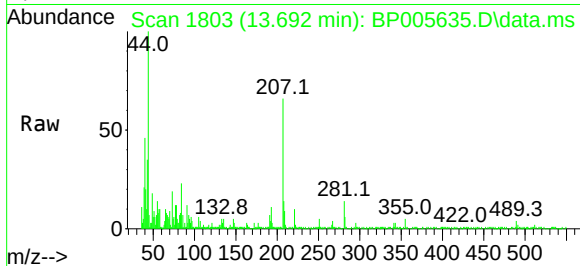




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.692 min Scan# 1803
Delta R.T. -0.001 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

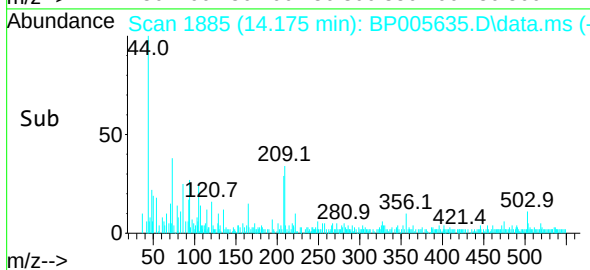
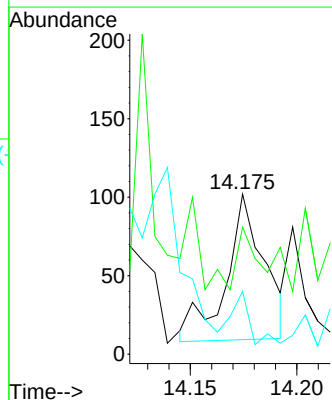
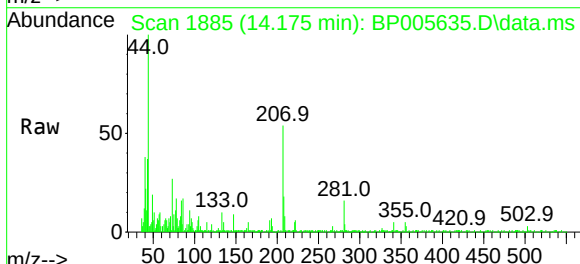
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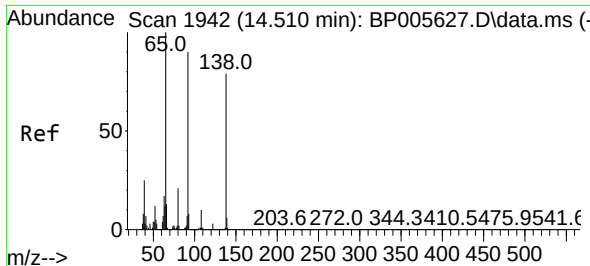
Tgt Ion: 65 Resp: 130
Ion Ratio Lower Upper
65 100
92 27.2 48.8 73.2#
138 9.3 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion: 165 Resp: 115
Ion Ratio Lower Upper
165 100
63 79.4 67.4 101.0
89 39.2 73.8 110.6#

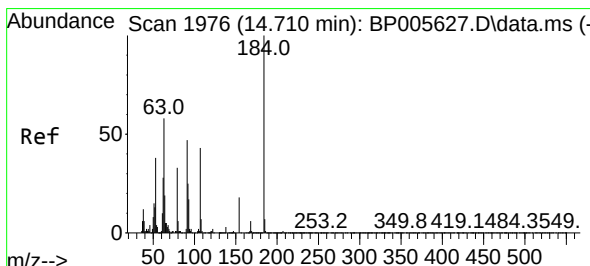
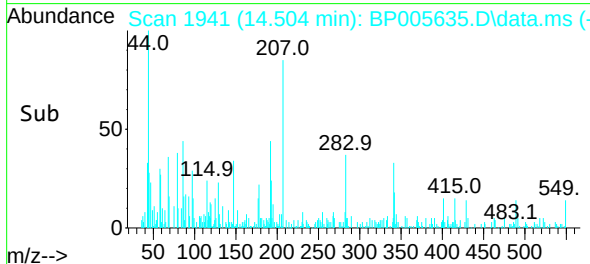
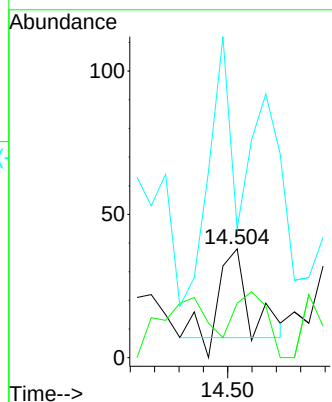
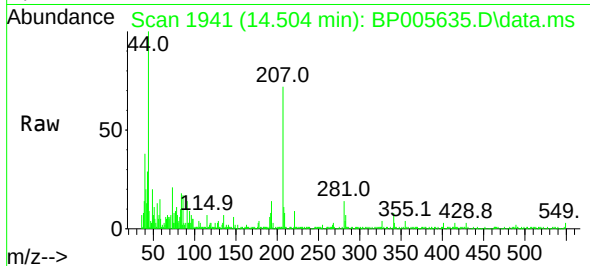




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

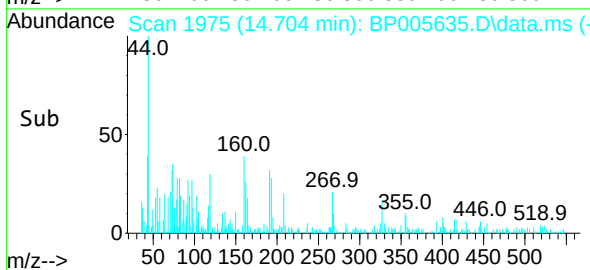
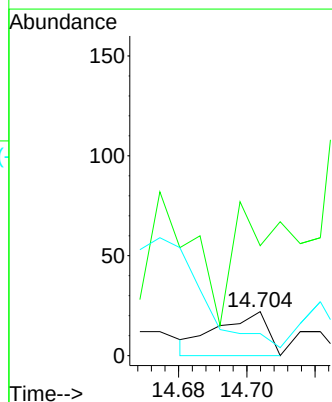
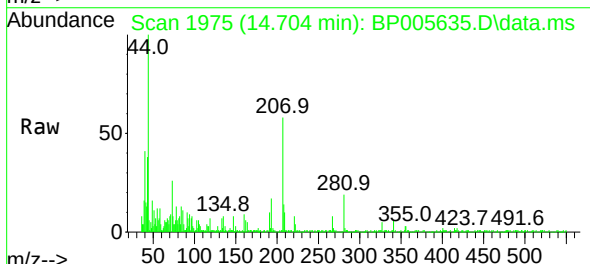
Instrument :
BNA_P
ClientSampleId :
PB136703BL

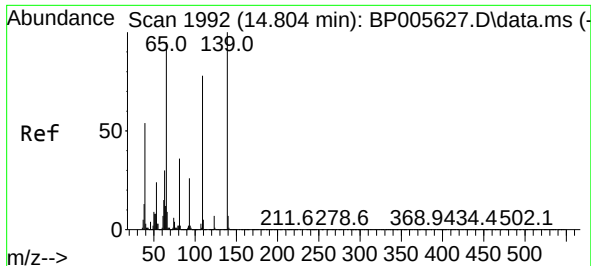
Tgt Ion:138 Resp: 26
Ion Ratio Lower Upper
138 100
108 50.0 10.2 15.4#
92 118.4 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 134.1 51.2 76.8#
154 26.8 55.8 83.8#

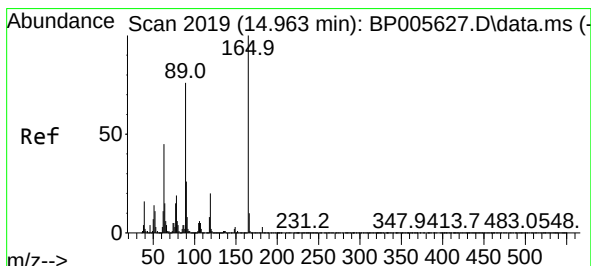
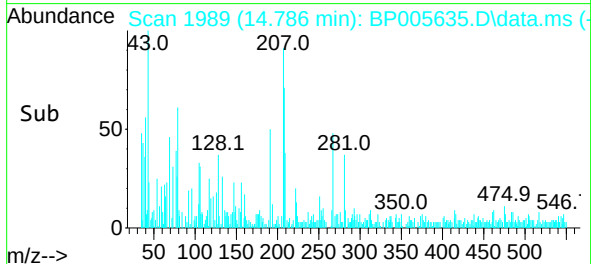
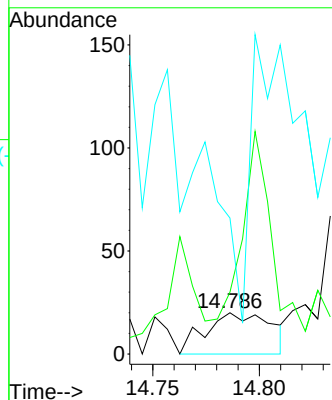
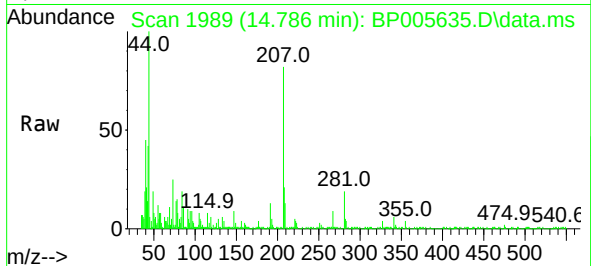




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

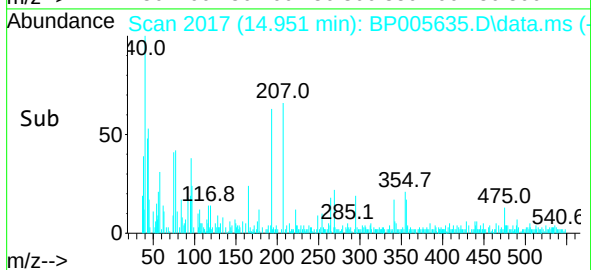
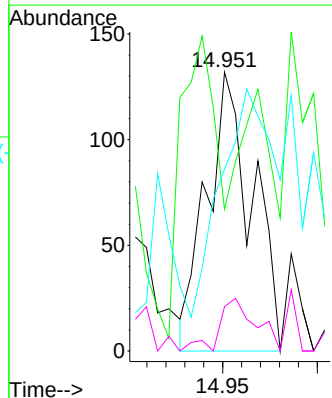
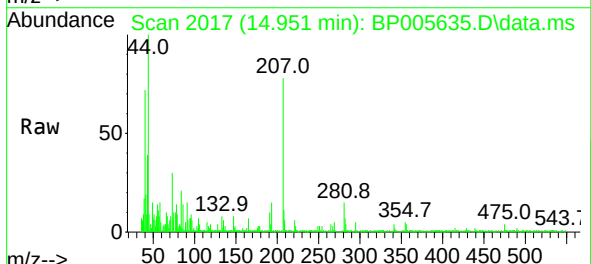
Instrument :
BNA_P
ClientSampleId :
PB136703BL

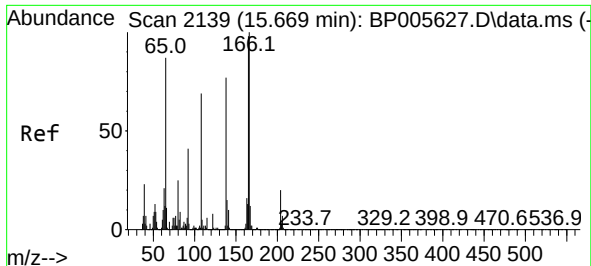
Tgt Ion:139 Resp: 43
Ion Ratio Lower Upper
139 100
109 150.0 122.8 162.8
65 330.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:165 Resp: 220
Ion Ratio Lower Upper
165 100
63 50.8 56.7 85.1#
89 65.2 85.8 128.6#
182 15.9 3.0 4.6#

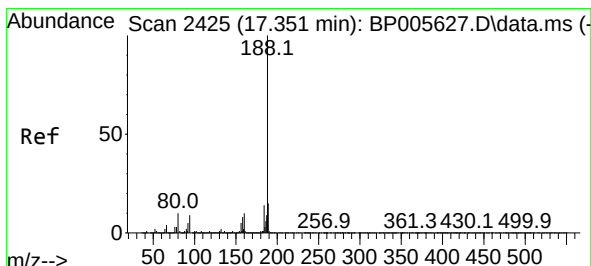
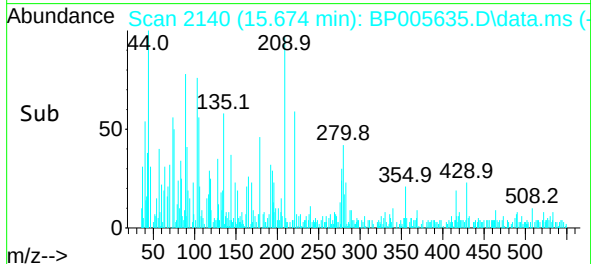
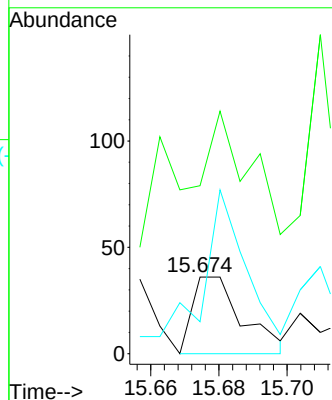
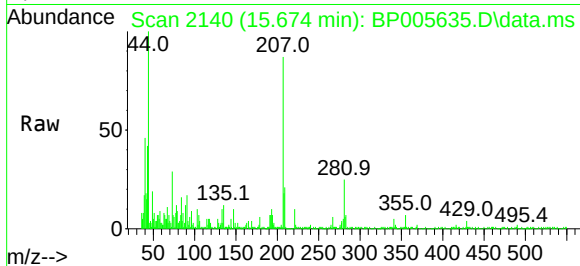




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.674 min Scan# 2140
Delta R.T. 0.005 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

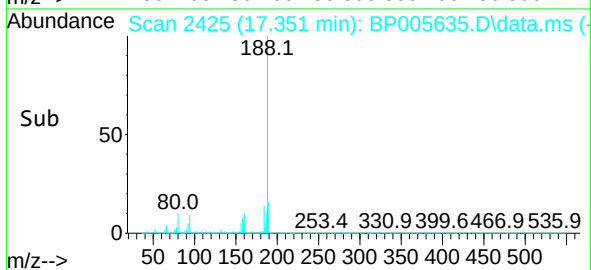
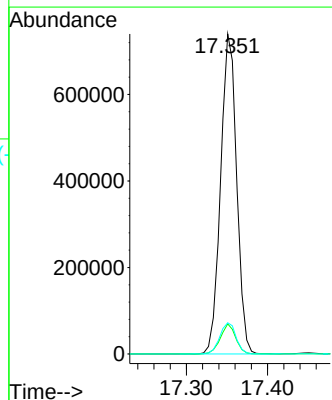
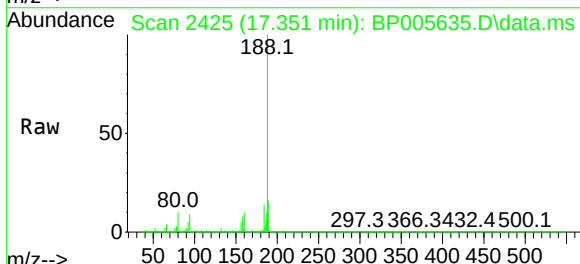
Instrument :
BNA_P
ClientSampleId :
PB136703BL

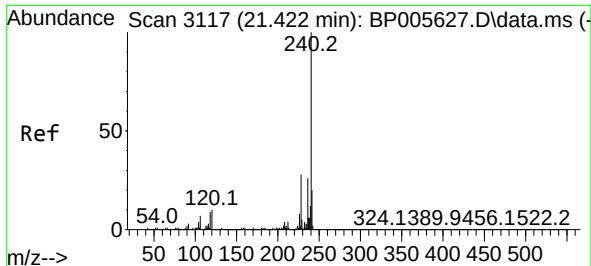
Tgt Ion:138 Resp: 37
Ion Ratio Lower Upper
138 100
92 219.4 50.9 90.9#
108 41.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:188 Resp: 1017819
Ion Ratio Lower Upper
188 100
94 9.4 5.0 7.6#
80 9.8 5.9 8.9#

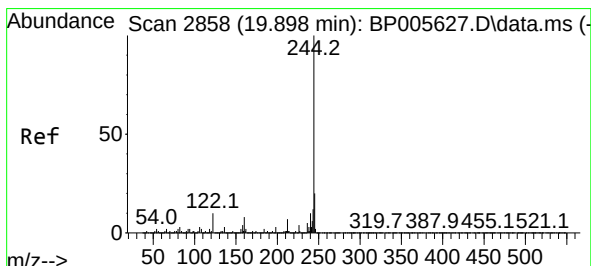
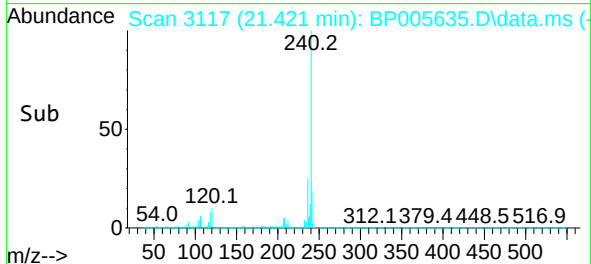
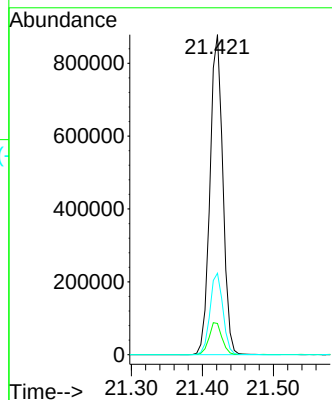
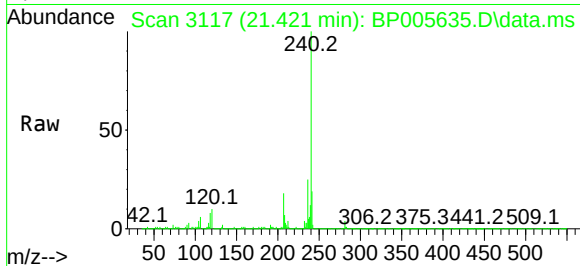




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

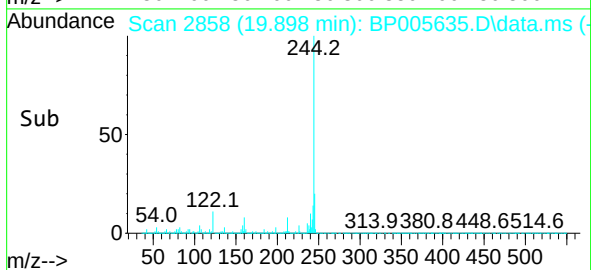
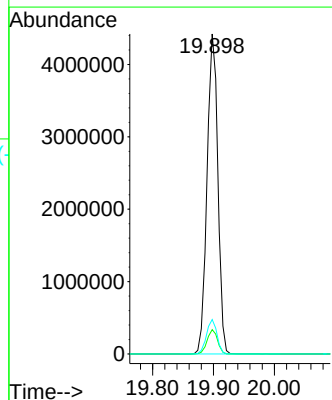
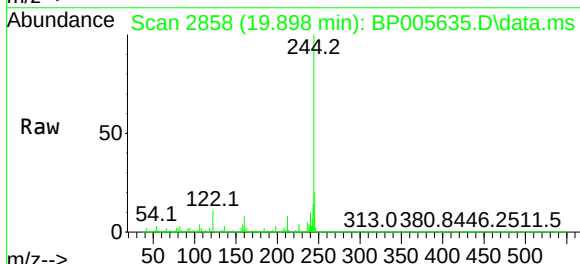
Instrument :
BNA_P
ClientSampleId :
PB136703BL

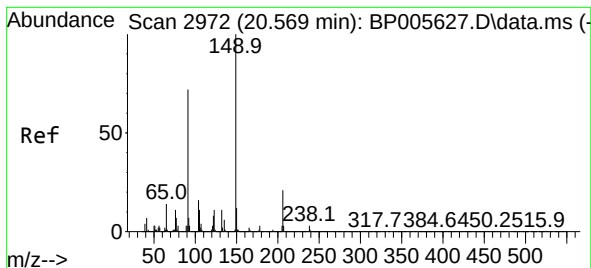
Tgt Ion:240 Resp: 1105043
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 92.40 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:244 Resp: 5441375
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.7 5.2 7.8#

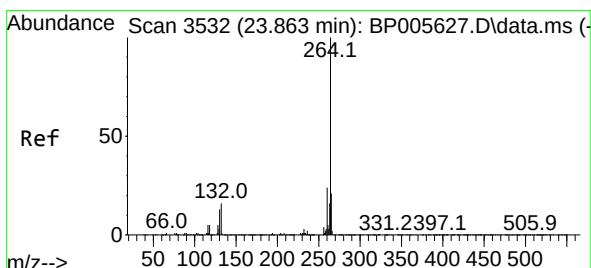
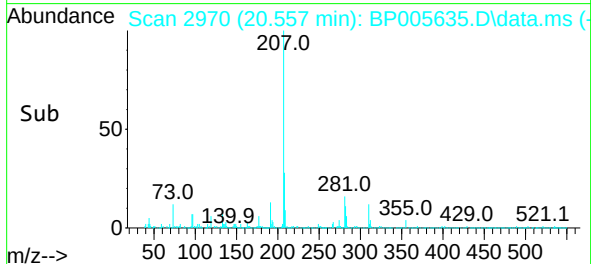
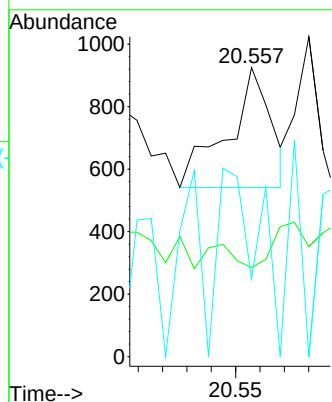
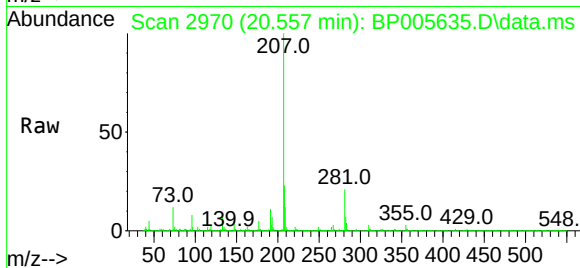




#80
Butylbenzylphthalate
Concen: 4.14 ng
RT: 20.557 min Scan# 2970
Delta R.T. -0.012 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Instrument :
BNA_P
ClientSampled :
PB136703BL

Tgt Ion:149 Resp: 475
Ion Ratio Lower Upper
149 100
91 30.8 60.2 90.4#
206 27.0 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.005 min
Lab File: BP005635.D
Acq: 28 May 2021 12:25

Tgt Ion:264 Resp: 1188939
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.9 19.0 28.6

