

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005716.D
 Acq On : 04 Jun 2021 17:43
 Operator : CG/JU
 Sample : PB136824BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136824BL

Quant Time: Jun 04 18:13:12 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)

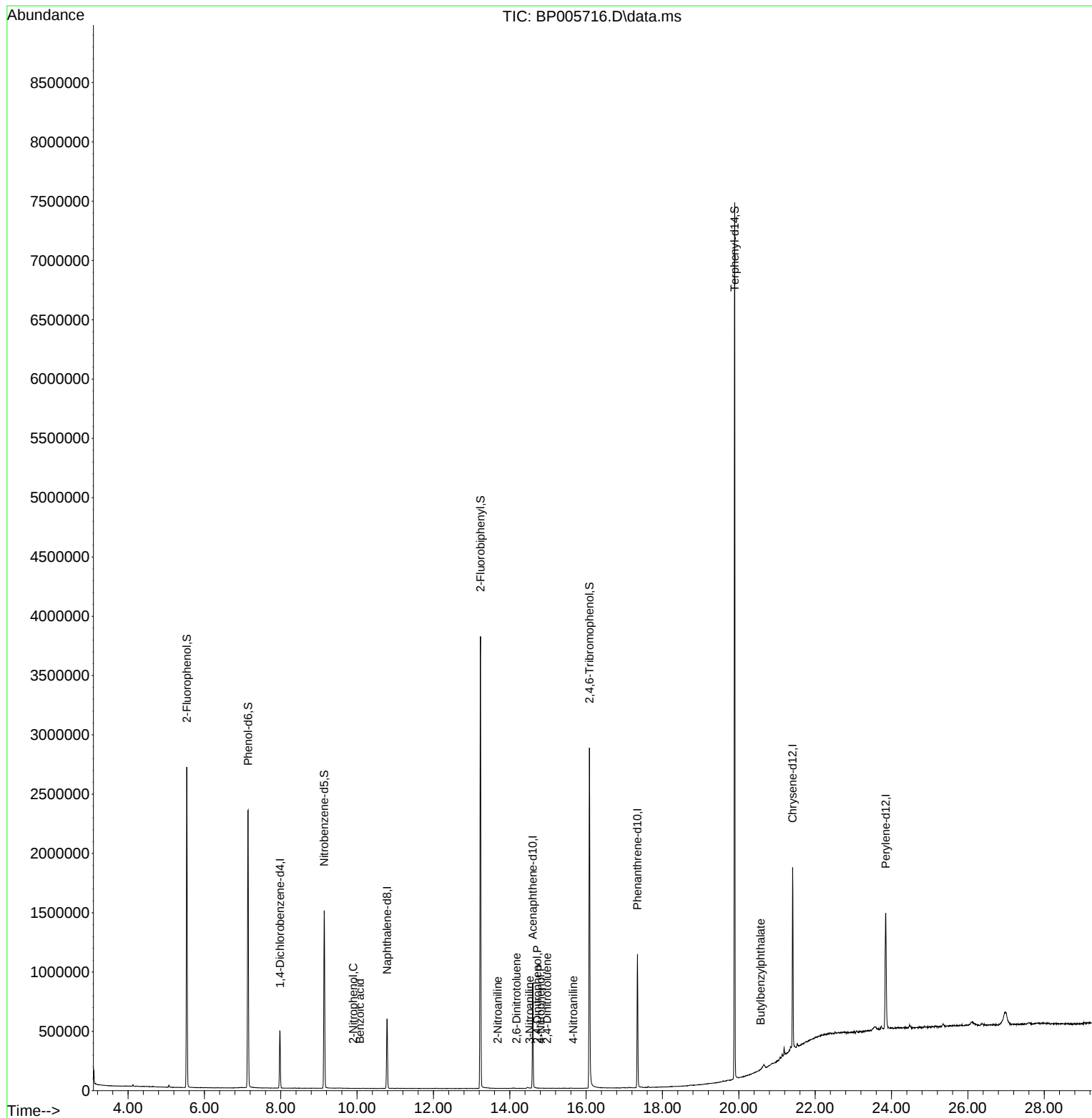
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	132772	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	503843	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	303294	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	658323	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	719537	20.000	ng	#-0.01
86) Perylene-d12	23.851	264	803641	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1134417	132.837	ng	0.00
7) Phenol-d6	7.146	99	1342500	115.316	ng	0.00
23) Nitrobenzene-d5	9.140	82	873766	96.445	ng	-0.01
42) 2,4,6-Tribromophenol	16.087	330	623160	160.232	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1945591	84.896	ng	0.00
79) Terphenyl-d14	19.892	244	3321293	86.614	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	24	4.161	ng	# 1
32) Benzoic acid	10.075	122	53	5.025	ng	# 53
48) 2-Nitroaniline	13.681	65	60	4.499	ng	# 49
51) 2,6-Dinitrotoluene	14.175	165	116	5.078	ng	# 45
53) 3-Nitroaniline	14.516	138	115	3.673	ng	# 83
54) 2,4-Dinitrophenol	14.722	184	90	6.565	ng	# 76
56) 4-Nitrophenol	14.804	139	18	3.748	ng	# 82
57) 2,4-Dinitrotoluene	14.975	165	64	4.269	ng	# 30
62) 4-Nitroaniline	15.663	138	32	3.636	ng	# 69
80) Butylbenzylphthalate	20.569	149	317	4.145	ng	# 91

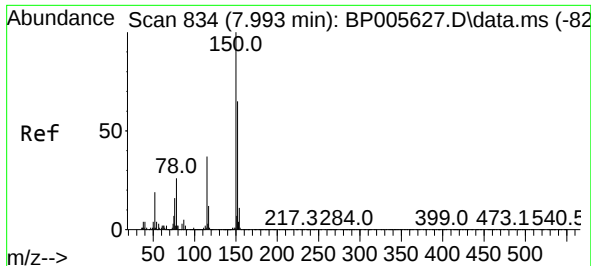
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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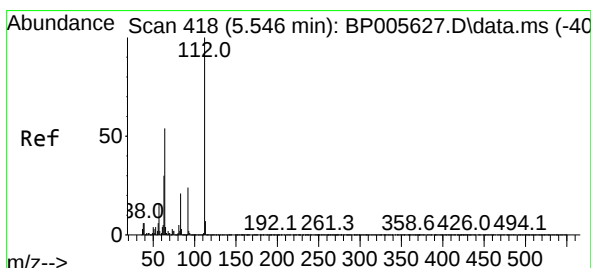
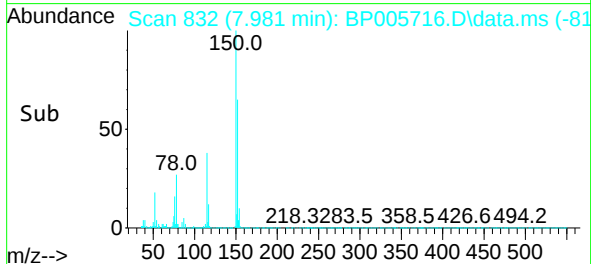
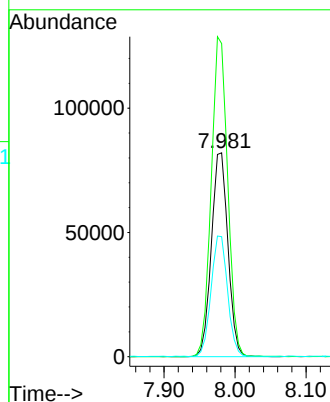
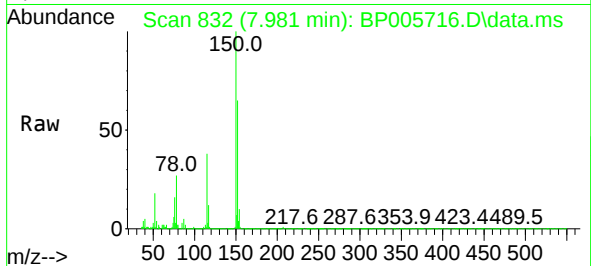




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

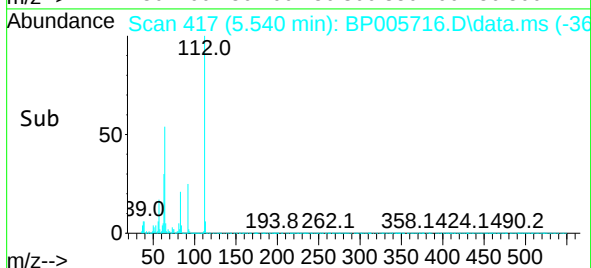
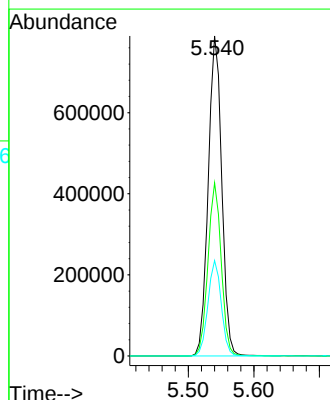
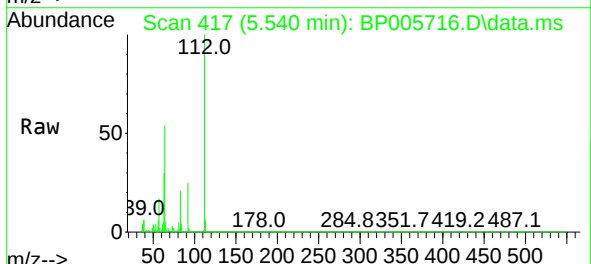
Instrument :
BNA_P
ClientSampleId :
PB136824BL

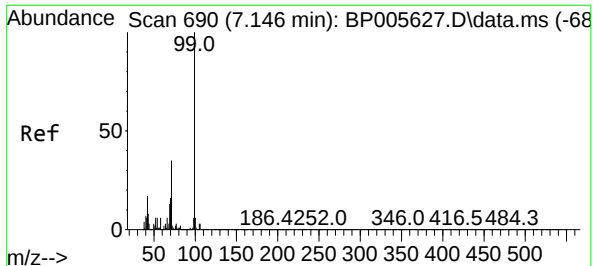
Tgt Ion:152 Resp: 132772
Ion Ratio Lower Upper
152 100
150 153.6 119.8 179.8
115 58.9 49.0 73.4



#5
2-Fluorophenol
Concen: 132.837 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:112 Resp: 1134417
Ion Ratio Lower Upper
112 100
64 54.1 33.6 50.4#
63 29.8 18.6 27.8#



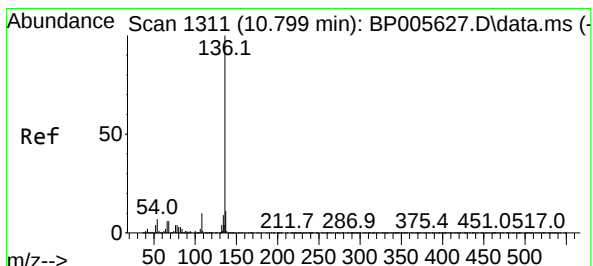
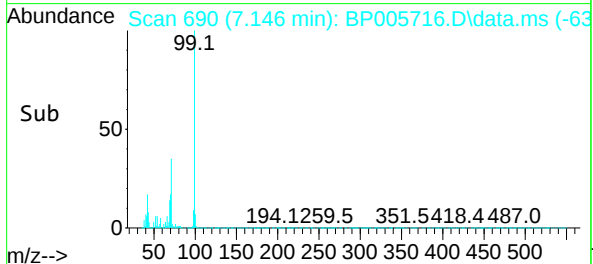
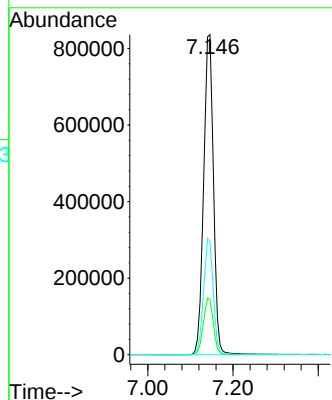
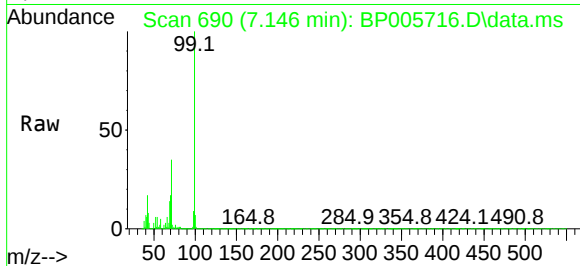


#7
Phenol-d6
Concen: 115.316 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Instrument :
BNA_P
ClientSampleId :
PB136824BL

Tgt Ion: 99 Resp: 1342500

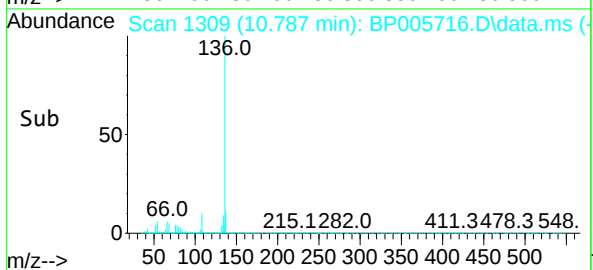
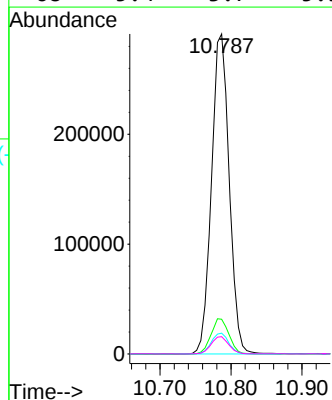
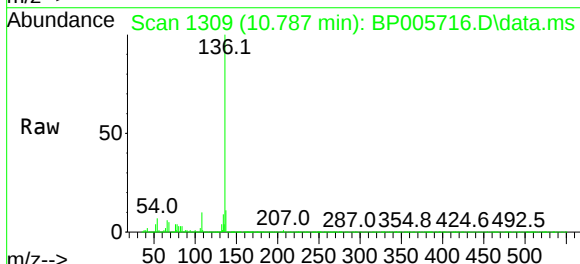
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	35.4	26.7	40.1

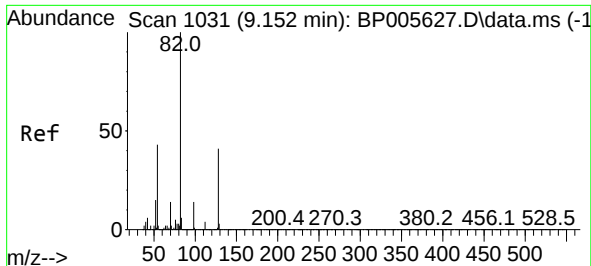


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:136 Resp: 503843

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	5.0	7.4
68	5.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 96.445 ng

RT: 9.140 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BP005716.D

Acq: 04 Jun 2021 17:43

Instrument :

BNA_P

ClientSampleId :

PB136824BL

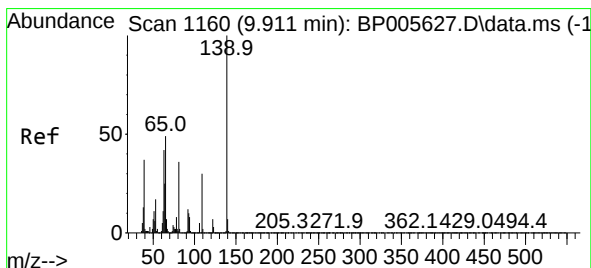
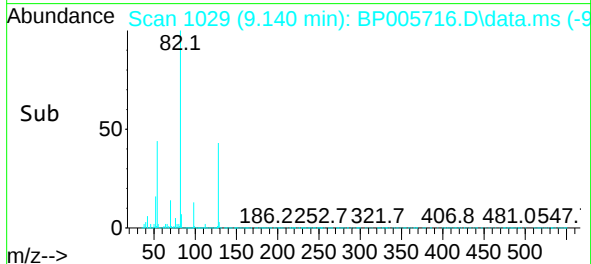
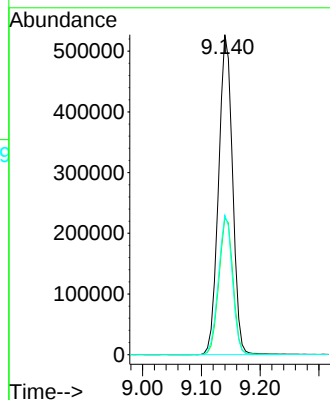
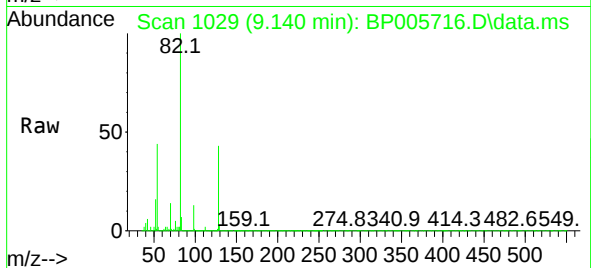
Tgt Ion: 82 Resp: 873766

Ion Ratio Lower Upper

82 100

128 42.7 30.5 45.7

54 43.6 33.9 50.9



#26

2-Nitrophenol

Concen: 4.161 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP005716.D

Acq: 04 Jun 2021 17:43

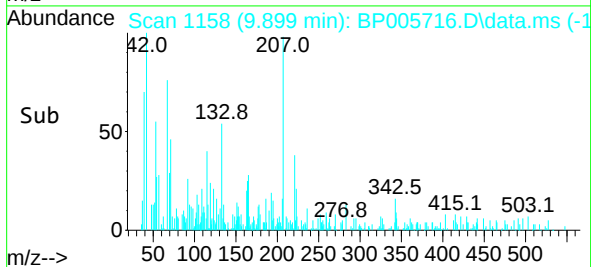
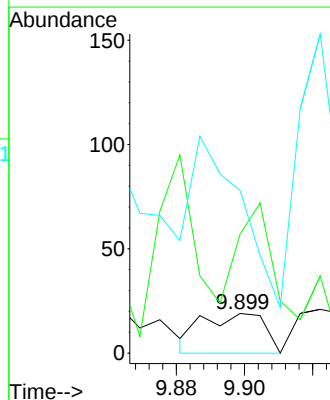
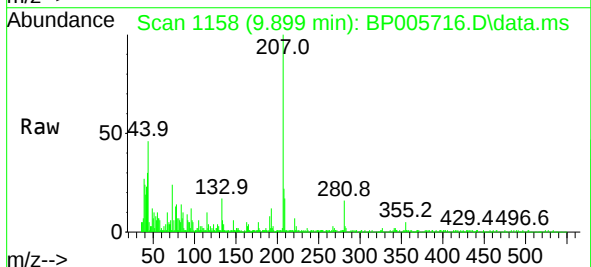
Tgt Ion:139 Resp: 24

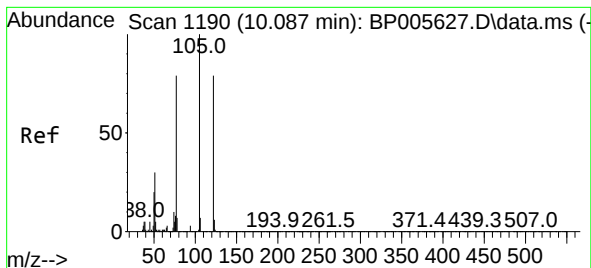
Ion Ratio Lower Upper

139 100

109 219.2 40.7 61.1#

65 300.0 47.8 71.6#

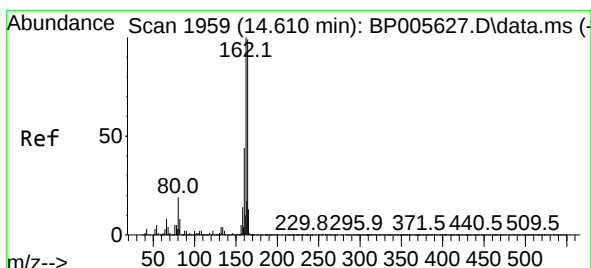
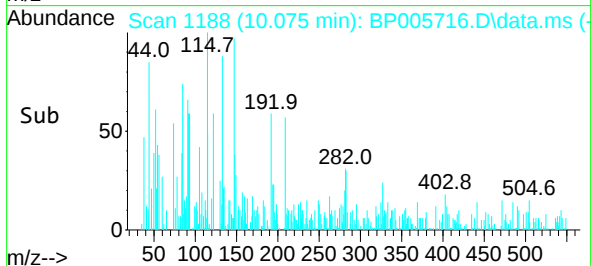
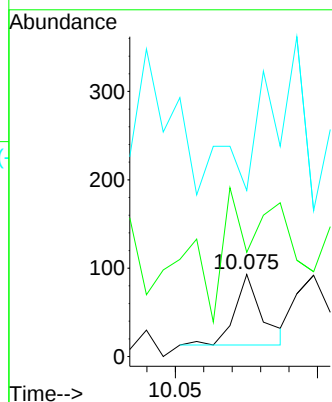
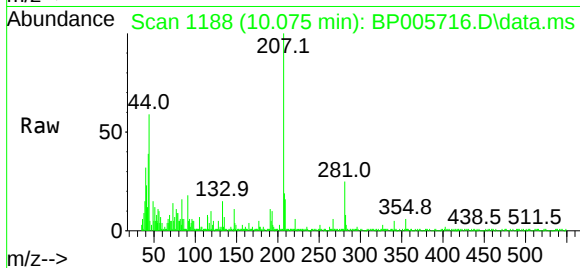




#32
Benzoic acid
Concen: 5.025 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

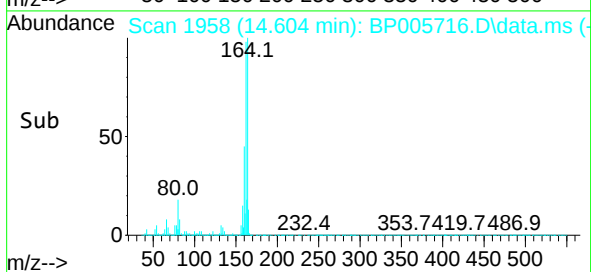
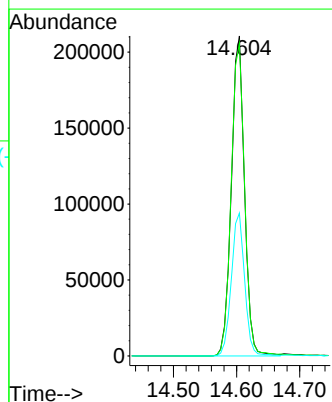
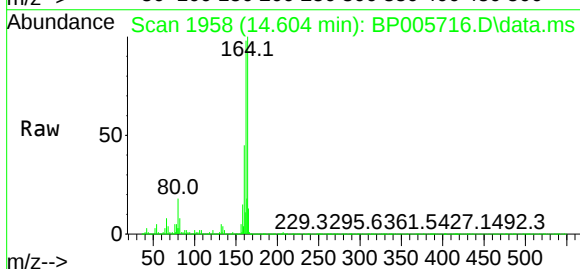
Instrument :
BNA_P
ClientSampleId :
PB136824BL

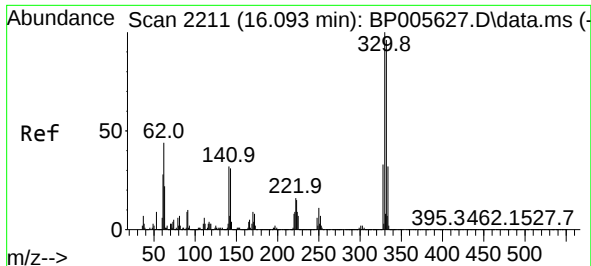
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 118.0 105.1 145.1
77 188.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:164 Resp: 303294
Ion Ratio Lower Upper
164 100
162 97.7 73.5 110.3
160 44.7 40.6 61.0

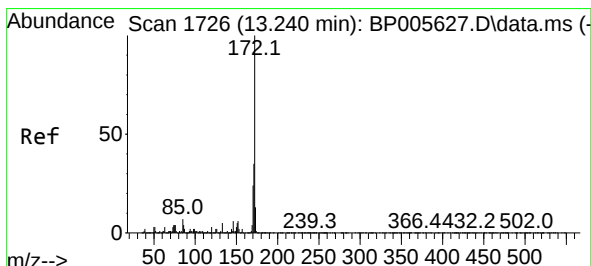
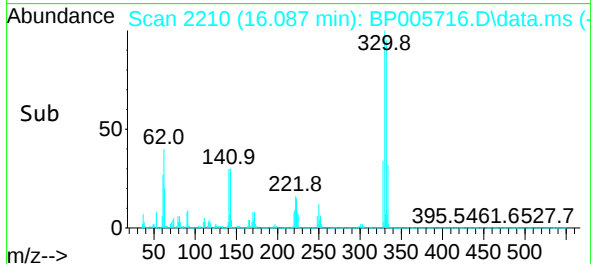
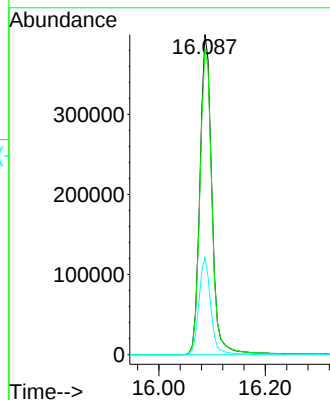
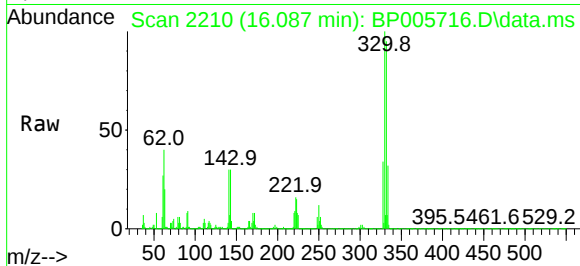




#42
2,4,6-Tribromophenol
Concen: 160.232 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

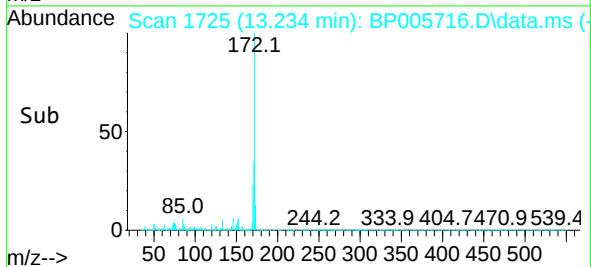
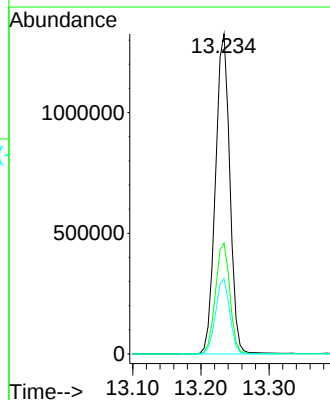
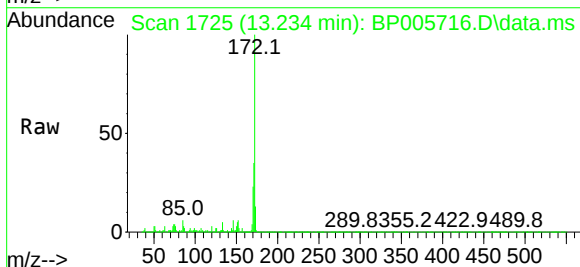
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ClientSampleId :
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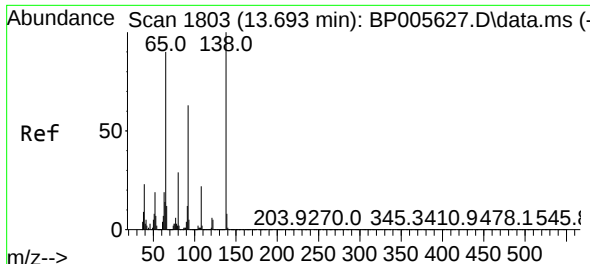
Tgt Ion: 330 Resp: 623160
Ion Ratio Lower Upper
330 100
332 97.5 76.3 114.5
141 30.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 84.896 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion: 172 Resp: 1945591
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.5 19.6 29.4

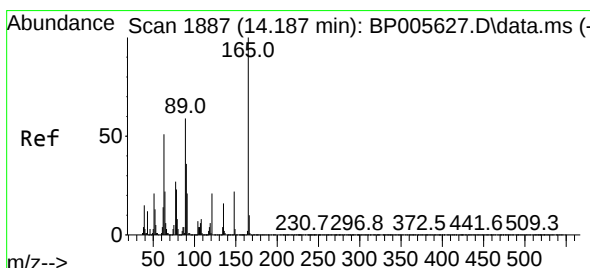
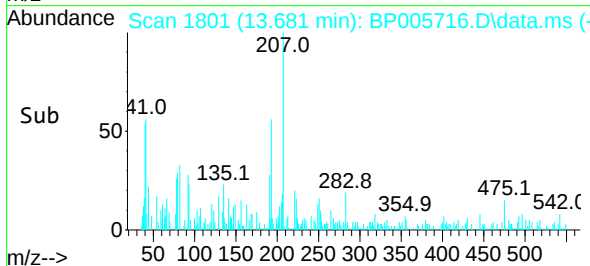
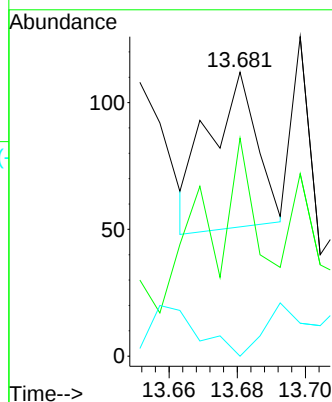
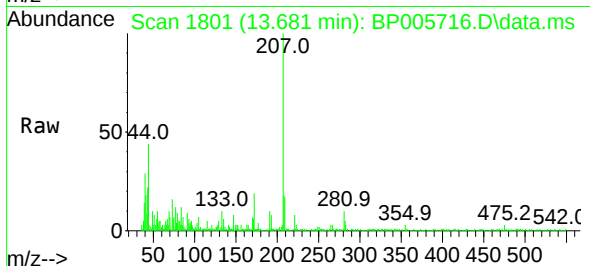




#48
2-Nitroaniline
Concen: 4.499 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

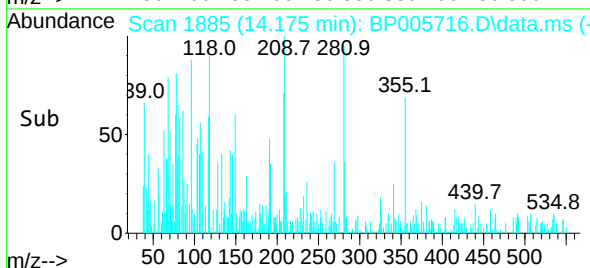
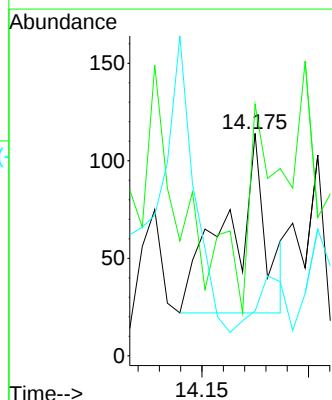
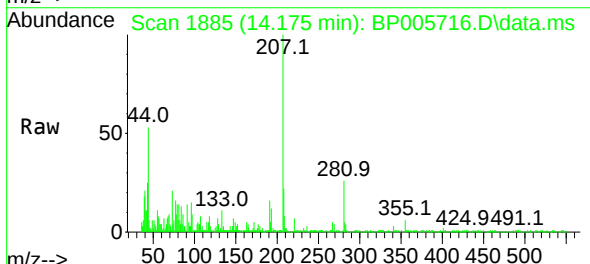
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PB136824BL

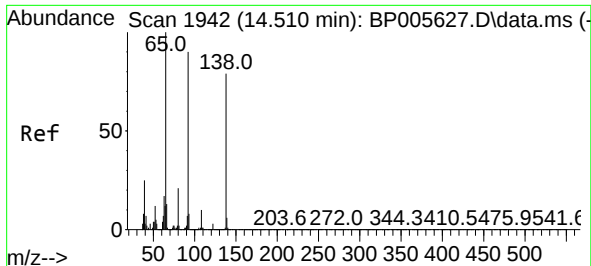
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 76.8 48.8 73.2#
138 20.5 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.078 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion: 165 Resp: 116
Ion Ratio Lower Upper
165 100
63 113.2 67.4 101.0#
89 20.2 73.8 110.6#

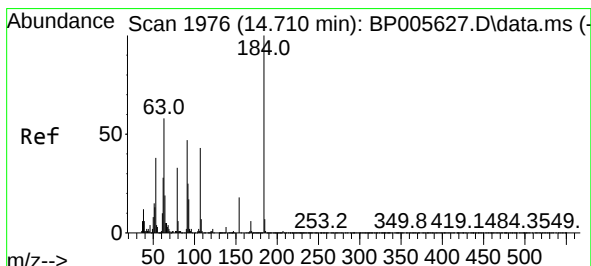
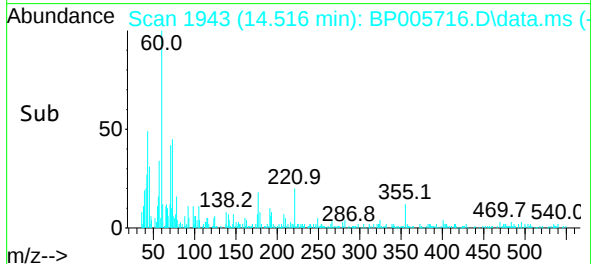
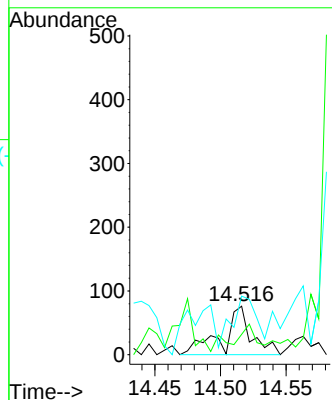
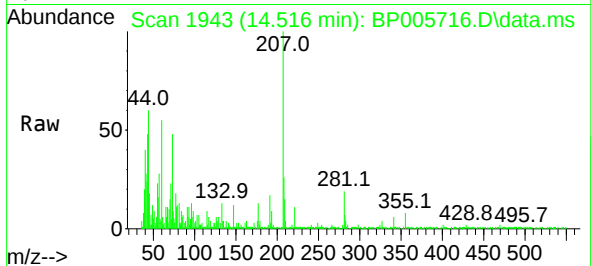




#53
3-Nitroaniline
Concen: 3.673 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

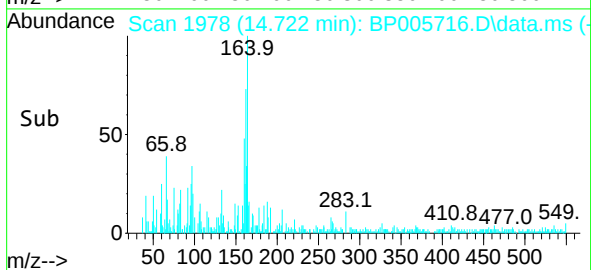
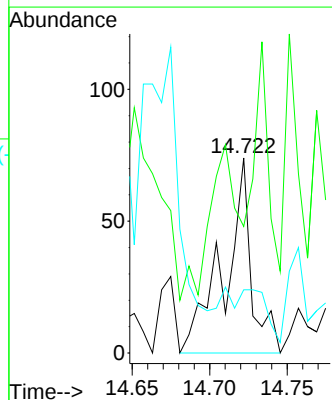
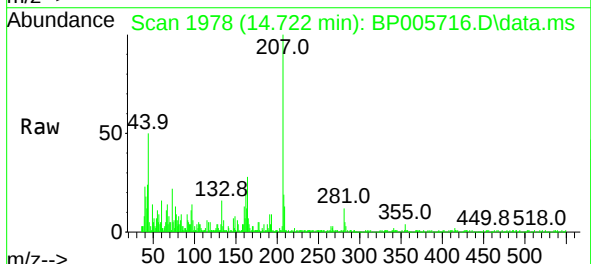
Instrument :
BNA_P
ClientSampleId :
PB136824BL

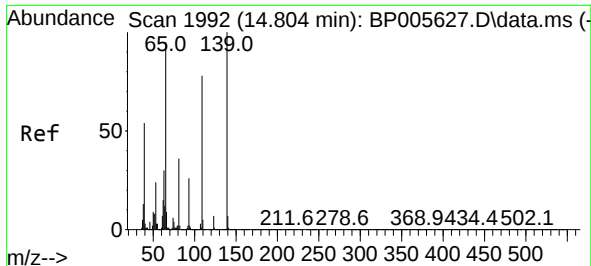
Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
108 42.1 10.2 15.4#
92 121.1 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.565 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:184 Resp: 90
Ion Ratio Lower Upper
184 100
63 64.9 51.2 76.8
154 32.4 55.8 83.8#

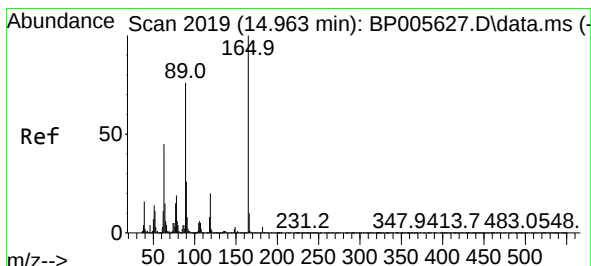
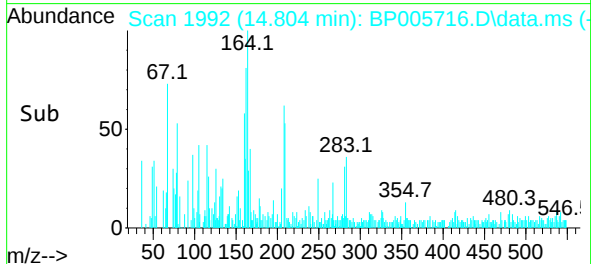
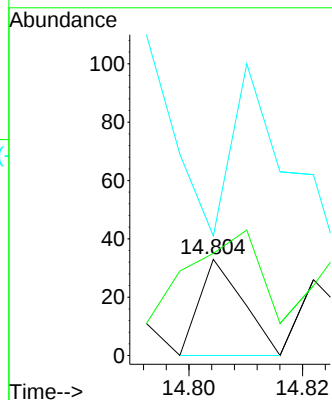
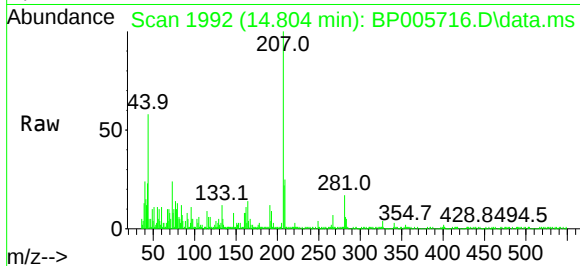




#56
4-Nitrophenol
Concen: 3.748 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

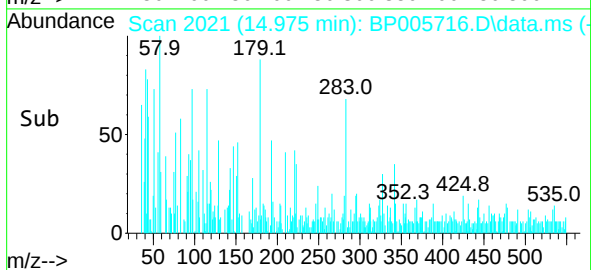
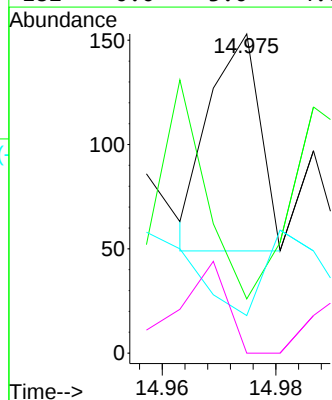
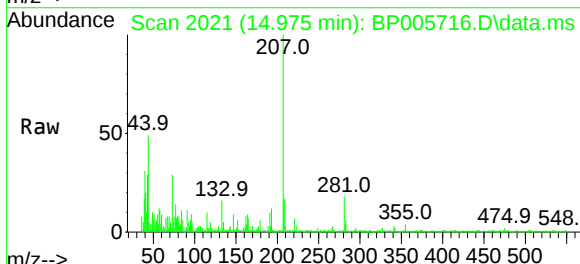
Instrument :
BNA_P
ClientSampleId :
PB136824BL

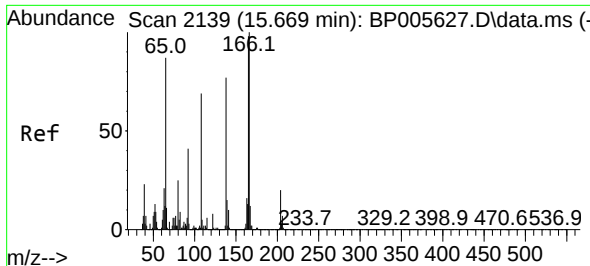
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 106.1 122.8 162.8#
65 124.2 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.269 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 37.3 56.7 85.1#
89 11.8 85.8 128.6#
182 0.0 3.0 4.6#

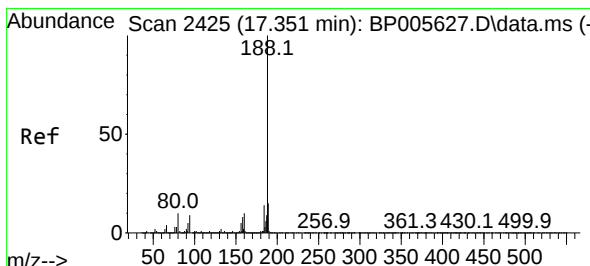
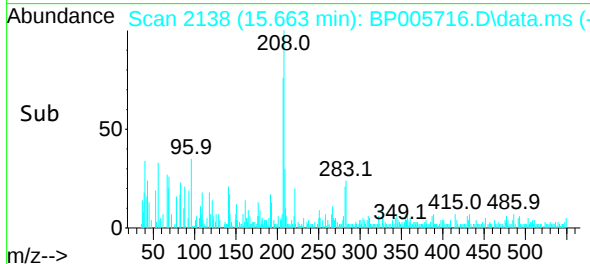
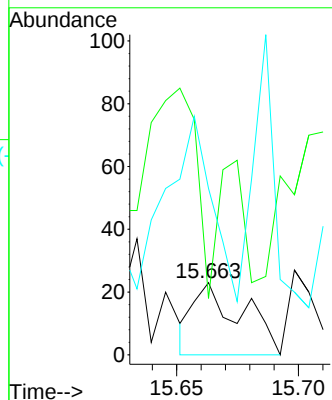
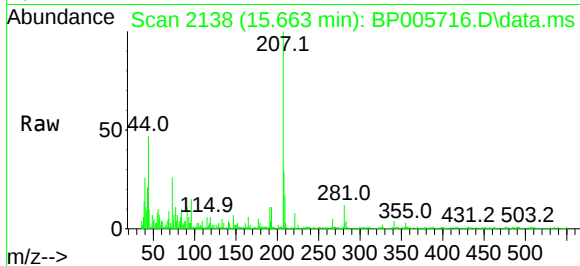




#62
4-Nitroaniline
Concen: 3.636 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

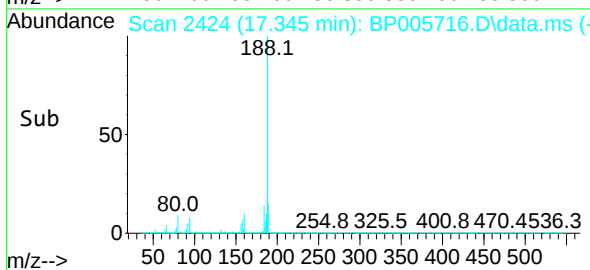
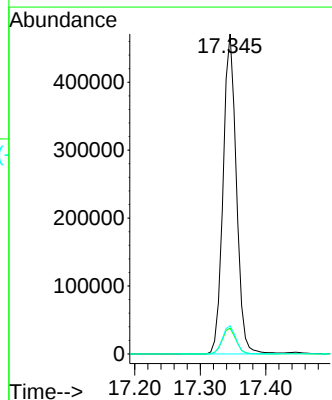
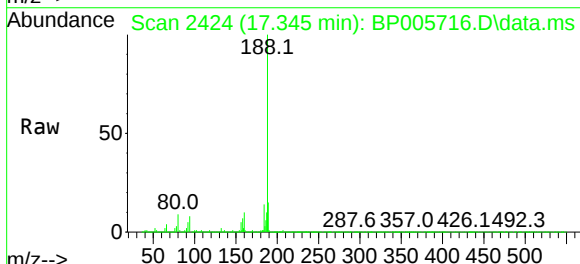
Instrument :
BNA_P
ClientSampleId :
PB136824BL

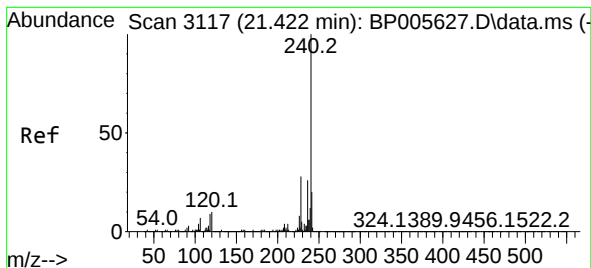
Tgt Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
92 78.3 50.9 90.9
108 230.4 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:188 Resp: 658323
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 8.8 5.9 8.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP005716.D

Acq: 04 Jun 2021 17:43

Instrument :

BNA_P

ClientSampleId :

PB136824BL

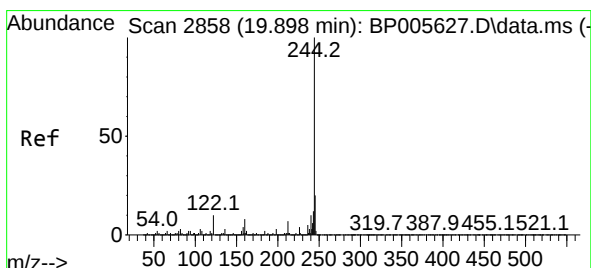
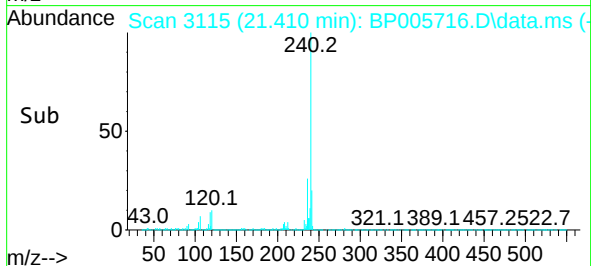
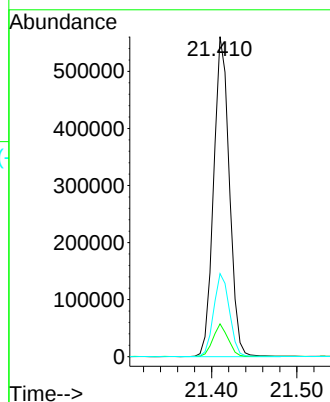
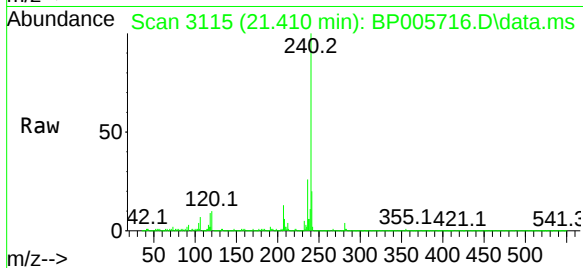
Tgt Ion:240 Resp: 719537

Ion Ratio Lower Upper

240 100

120 10.2 4.2 6.2#

236 26.0 20.2 30.2



#79

Terphenyl-d14

Concen: 86.614 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005716.D

Acq: 04 Jun 2021 17:43

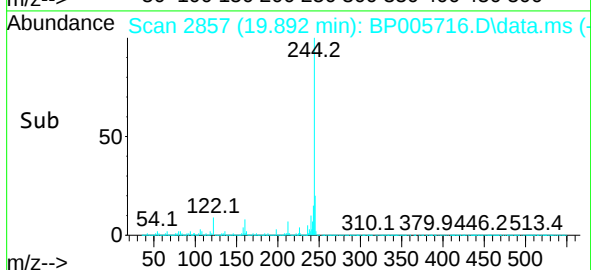
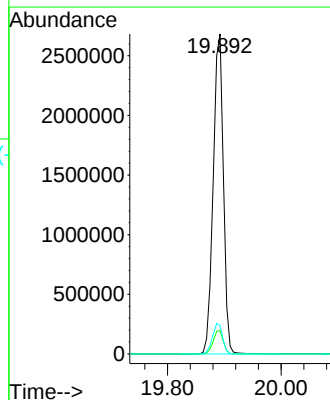
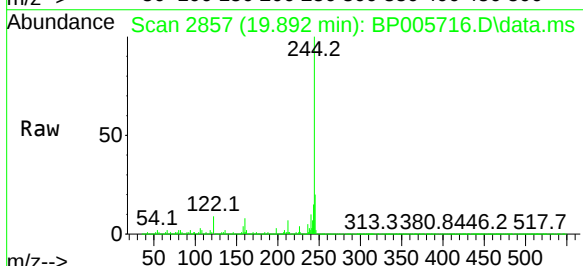
Tgt Ion:244 Resp: 3321293

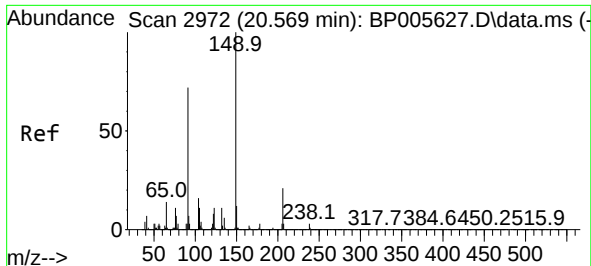
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 8.9 5.2 7.8#

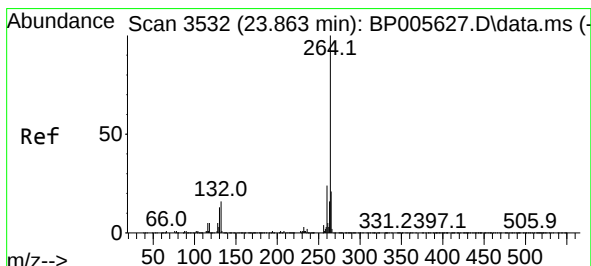
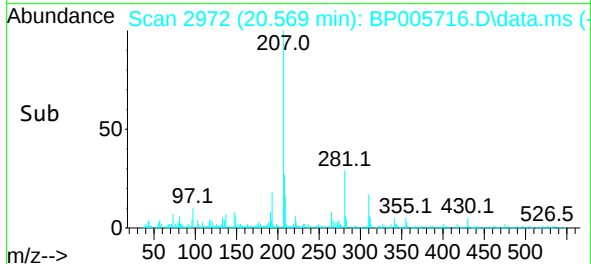
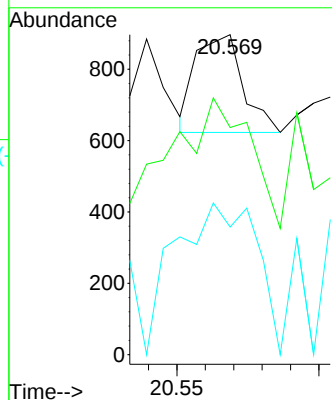
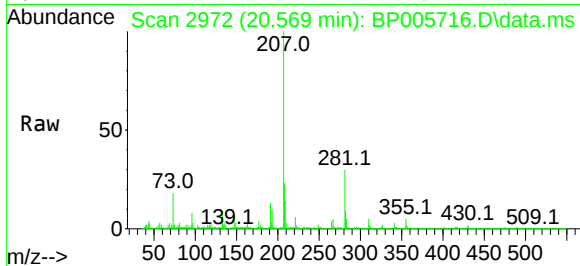




#80
Butylbenzylphthalate
Concen: 4.145 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Instrument :
BNA_P
ClientSampleId :
PB136824BL

Tgt Ion:149 Resp: 317
Ion Ratio Lower Upper
149 100
91 71.0 60.2 90.4
206 39.9 23.9 35.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP005716.D
Acq: 04 Jun 2021 17:43

Tgt Ion:264 Resp: 803641
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.7 19.0 28.6

