

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005753.D
 Acq On : 07 Jun 2021 21:14
 Operator : CG/JU
 Sample : M2580-29
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B4(4-6)

Quant Time: Jun 08 01:16:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

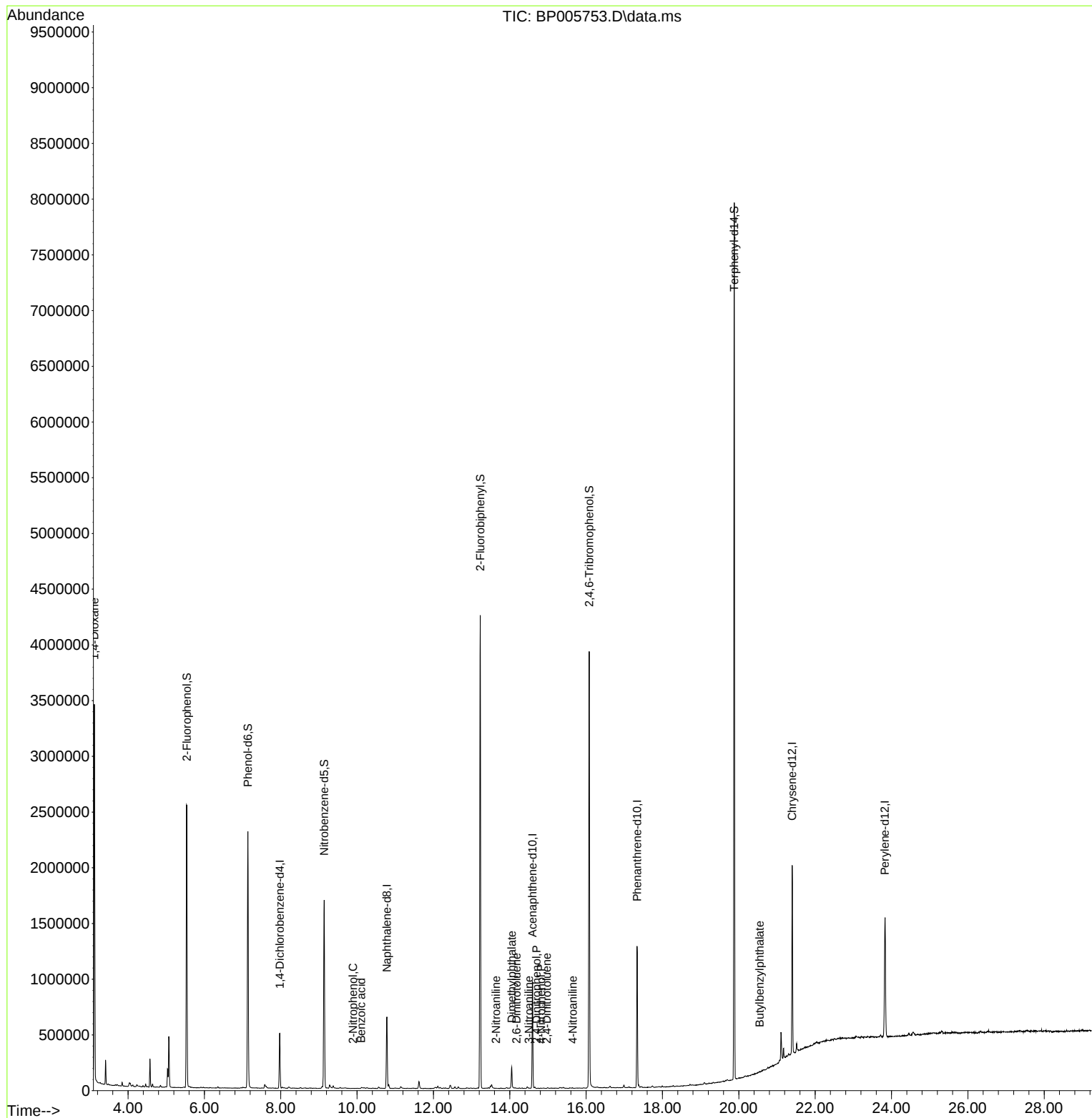
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	135440	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	543771	20.00	ng	0.00
39) Acenaphthene-d10	14.592	164	341637	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	743953	20.00	ng	#-0.01
76) Chrysene-d12	21.398	240	833496	20.00	ng	#-0.02
86) Perylene-d12	23.827	264	859647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1117123	128.24	ng	0.00
7) Phenol-d6	7.140	99	1268073	106.78	ng	0.00
23) Nitrobenzene-d5	9.140	82	972674	99.48	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	795370	181.56	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	2130411	82.53	ng	0.00
79) Terphenyl-d14	19.880	244	3580188	80.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	19184	4.81	ng	# 1
26) 2-Nitrophenol	9.893	139	24	4.16	ng	# 1
32) Benzoic acid	10.110	122	753	5.16	ng	# 76
48) 2-Nitroaniline	13.640	65	104	4.50	ng	# 39
50) Dimethylphthalate	14.051	163	124876	4.60	ng	97
51) 2,6-Dinitrotoluene	14.175	165	86	5.07	ng	# 1
53) 3-Nitroaniline	14.504	138	62	3.66	ng	# 26
54) 2,4-Dinitrophenol	14.704	184	20	6.53	ng	# 1
56) 4-Nitrophenol	14.822	139	74	3.76	ng	# 39
57) 2,4-Dinitrotoluene	14.969	165	49	4.27	ng	# 43
62) 4-Nitroaniline	15.651	138	44	3.64	ng	# 26
80) Butylbenzylphthalate	20.545	149	1655	4.19	ng	91

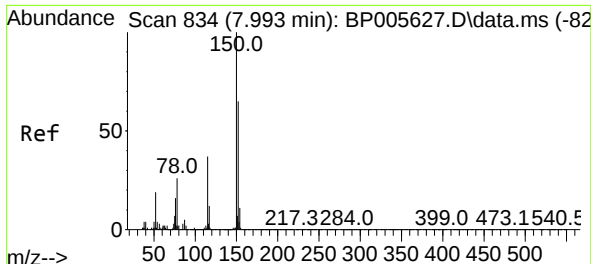
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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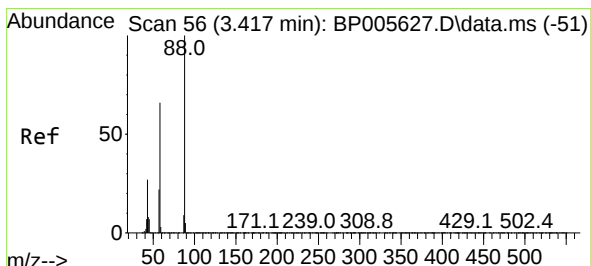
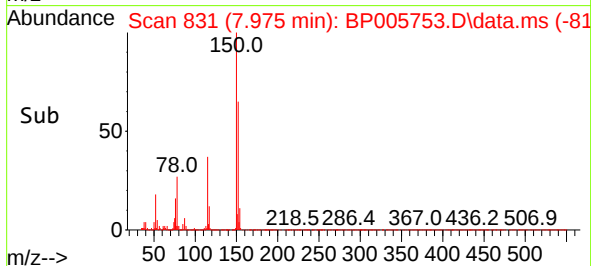
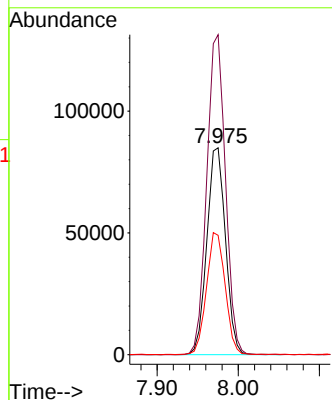
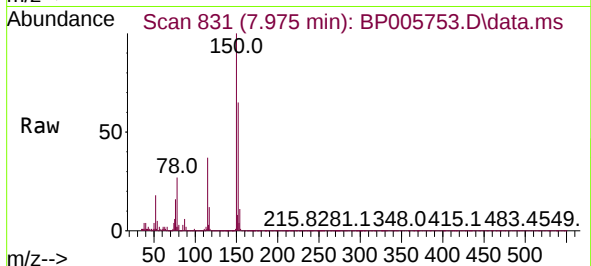




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

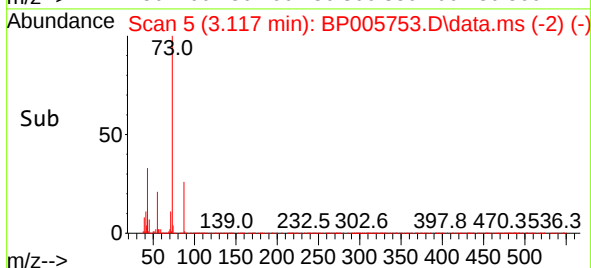
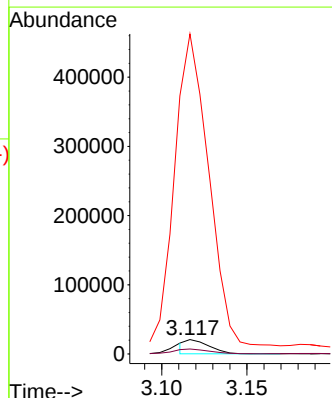
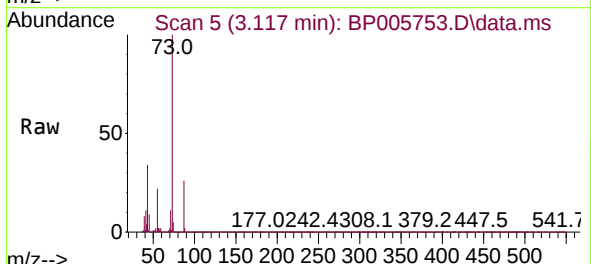
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

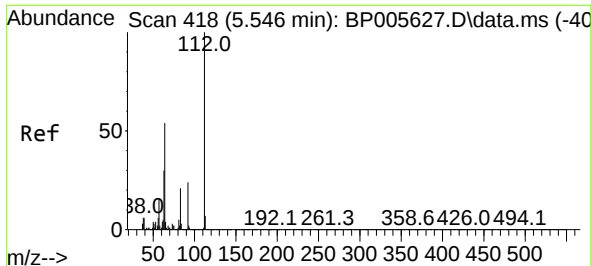
Tgt Ion:152 Resp: 135440
Ion Ratio Lower Upper
152 100
150 154.6 119.8 179.8
115 57.7 49.0 73.4



#2
1,4-Dioxane
Concen: 4.81 ng
RT: 3.117 min Scan# 5
Delta R.T. -0.282 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion: 88 Resp: 19184
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 2207.8 19.8 29.8#

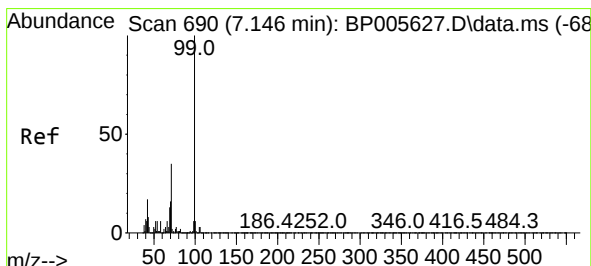
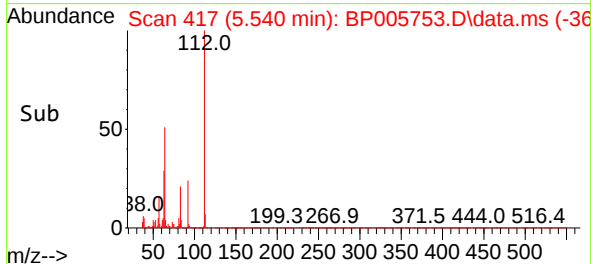
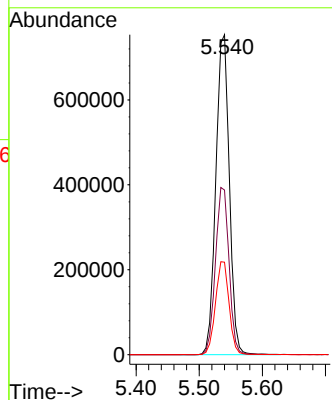
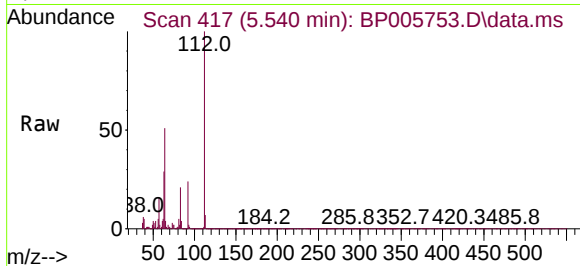




#5
2-Fluorophenol
Concen: 128.24 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

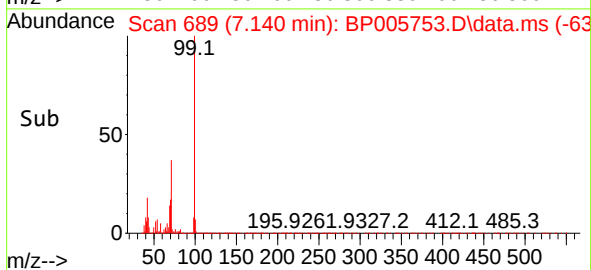
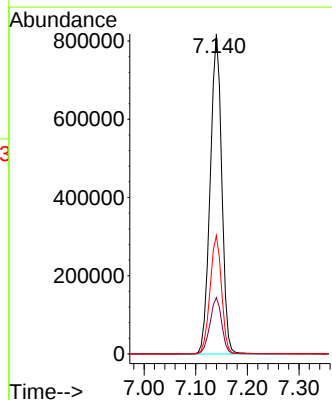
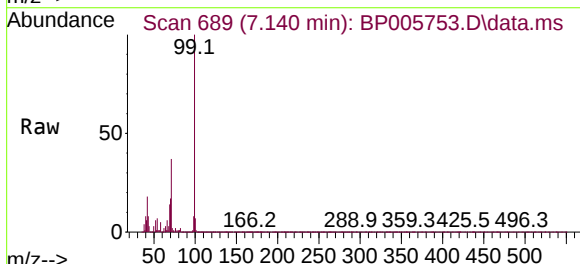
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

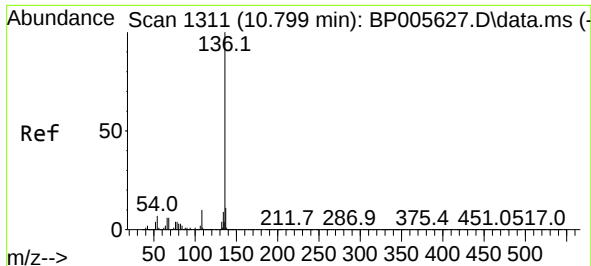
Tgt Ion:112 Resp: 1117123
Ion Ratio Lower Upper
112 100
64 51.5 33.6 50.4#
63 28.9 18.6 27.8#



#7
Phenol-d6
Concen: 106.78 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion: 99 Resp: 1268073
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 37.0 26.7 40.1

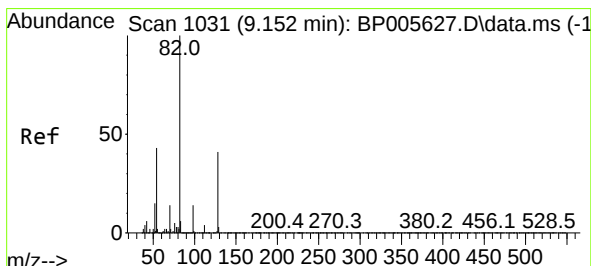
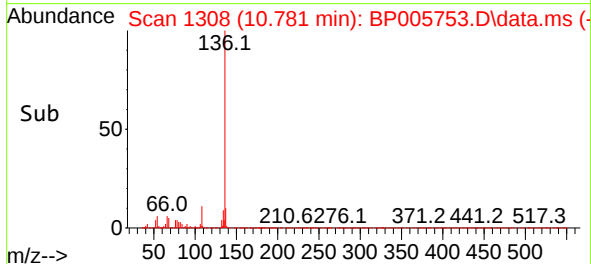
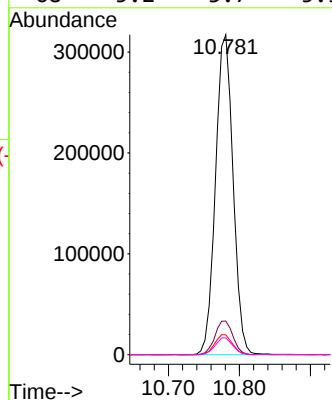
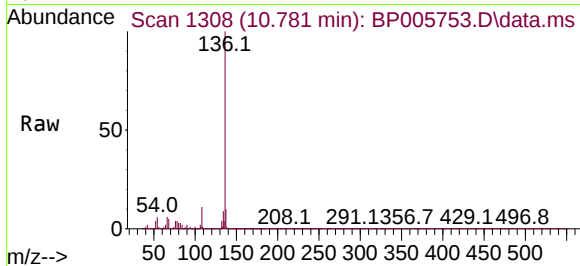




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

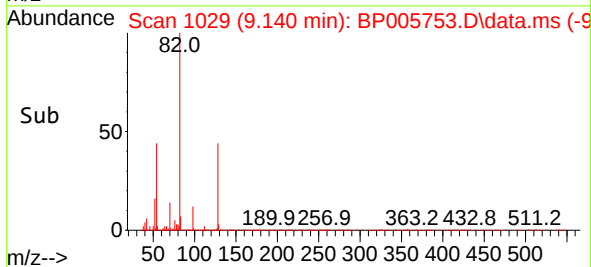
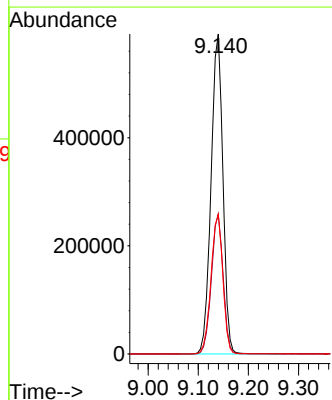
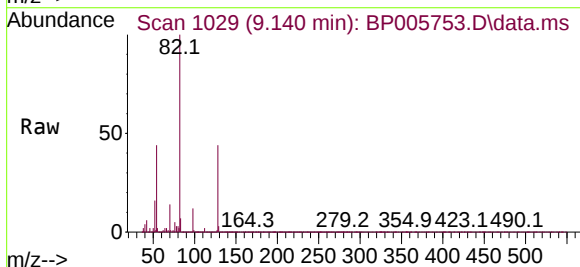
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

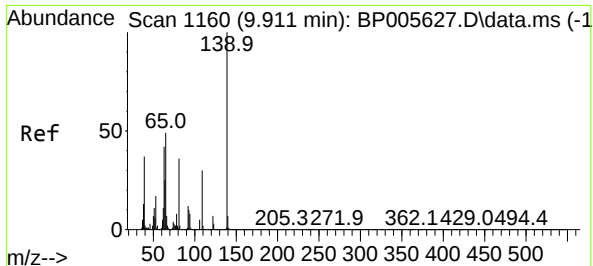
Tgt Ion:	136	Resp:	543771
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.2	5.0	7.4
68	5.2	3.7	5.5



#23
Nitrobenzene-d5
Concen: 99.48 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:	82	Resp:	972674
Ion Ratio	Lower	Upper	
82	100		
128	43.7	30.5	45.7
54	43.6	33.9	50.9

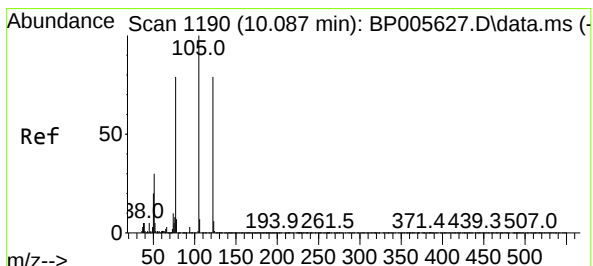
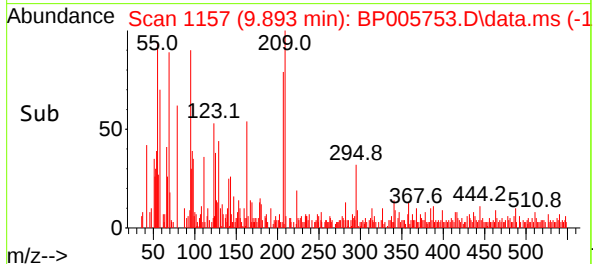
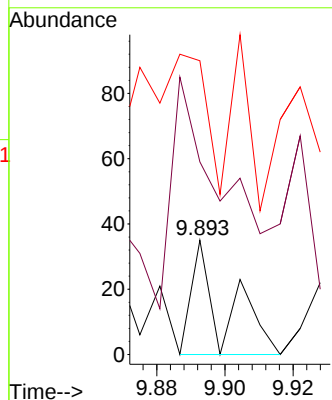
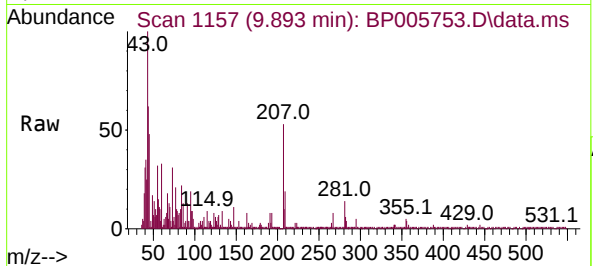




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

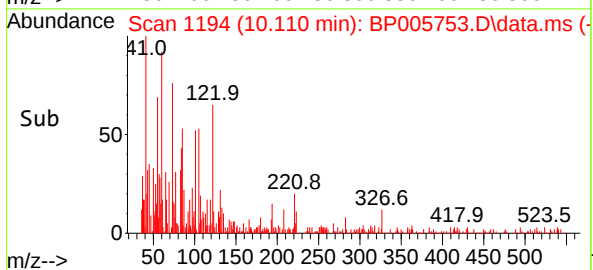
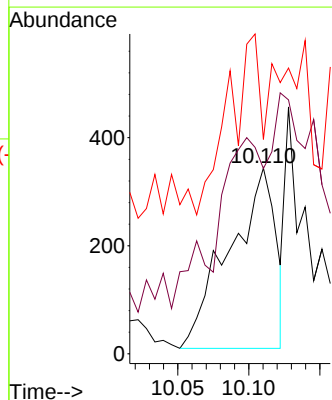
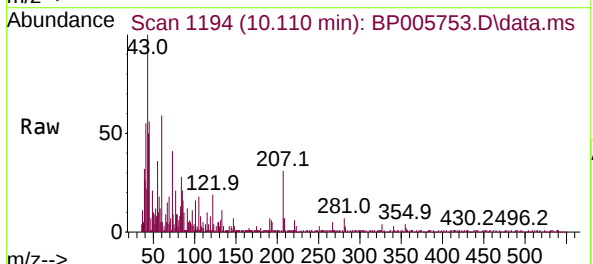
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

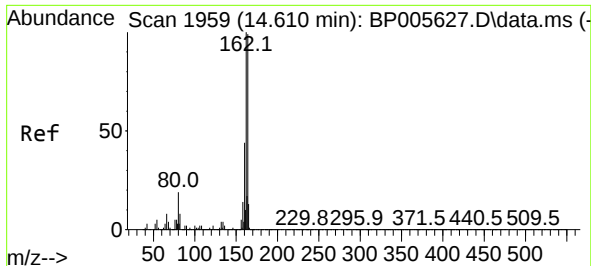
Tgt Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 168.6 40.7 61.1#
65 257.1 47.8 71.6#



#32
Benzoic acid
Concen: 5.16 ng
RT: 10.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:122 Resp: 753
Ion Ratio Lower Upper
122 100
105 99.7 105.1 145.1#
77 115.4 69.6 109.6#

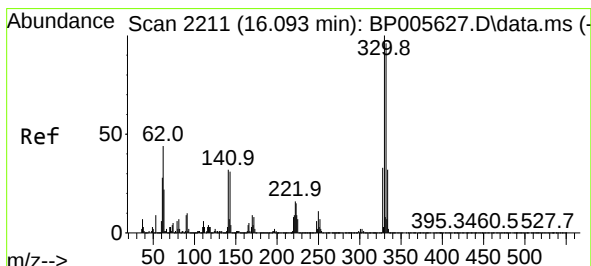
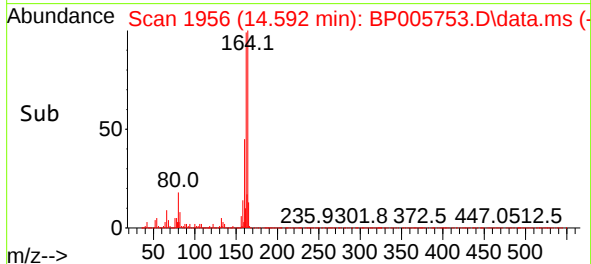
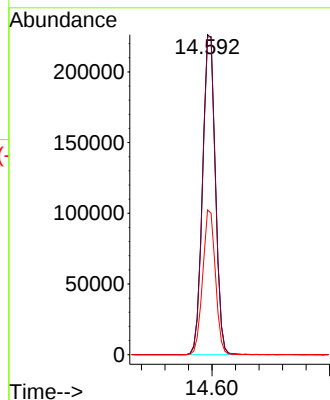
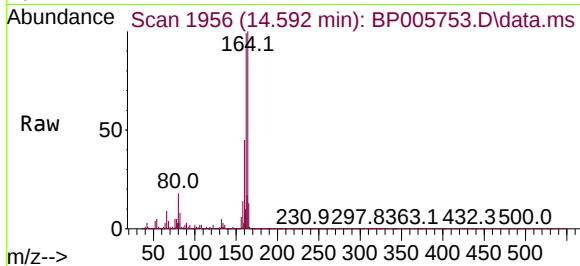




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

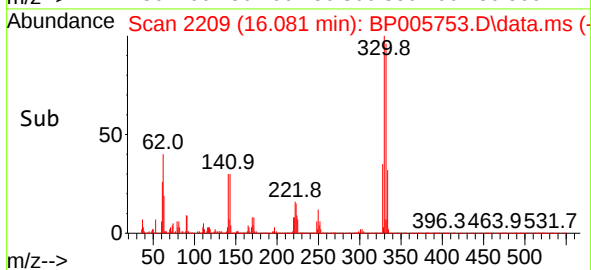
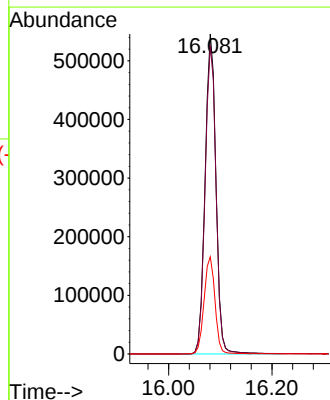
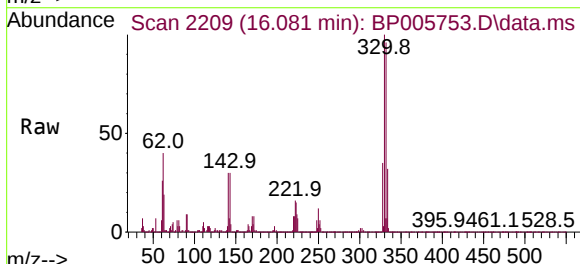
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

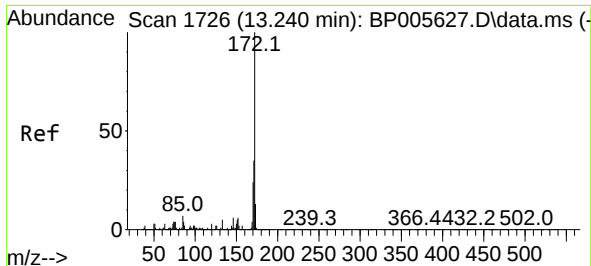
Tgt Ion:164 Resp: 341637
Ion Ratio Lower Upper
164 100
162 99.3 73.5 110.3
160 45.2 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 181.56 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:330 Resp: 795370
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 30.6 22.8 34.2



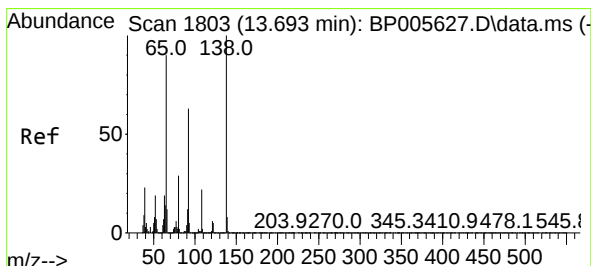
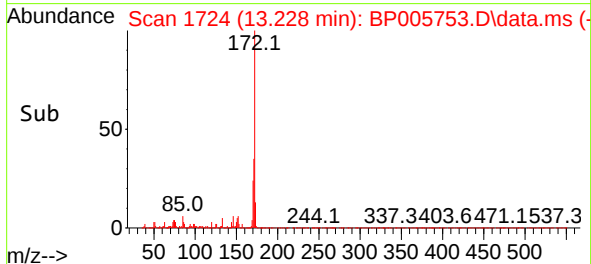
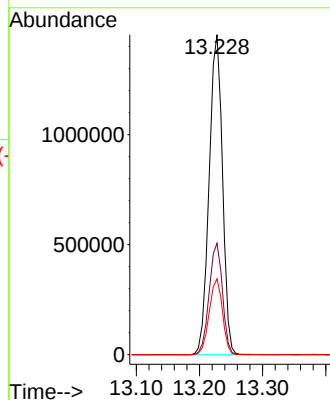
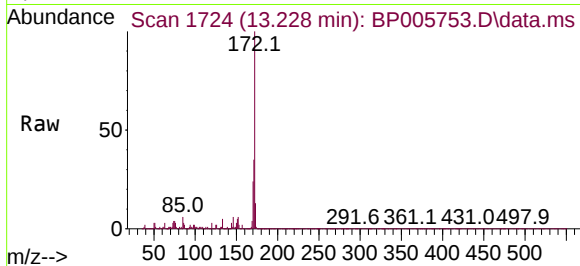


#45
2-Fluorobiphenyl
Concen: 82.53 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

Tgt Ion:172 Resp: 2130411

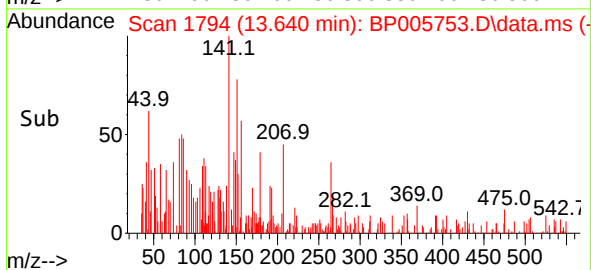
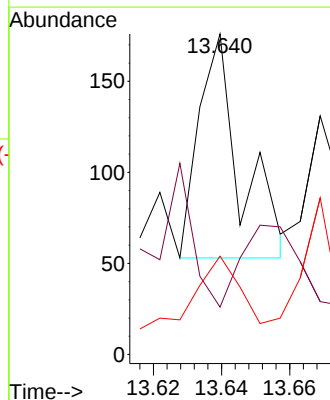
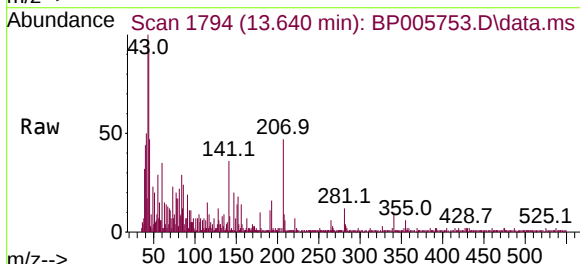
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.7	19.6	29.4

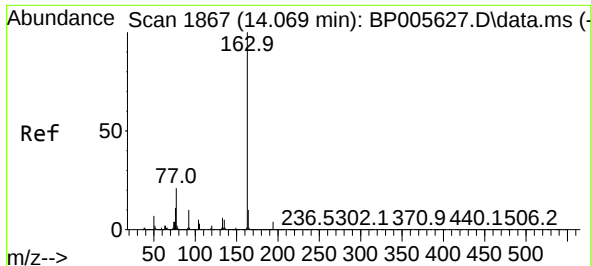


#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.047 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion: 65 Resp: 104

Ion	Ratio	Lower	Upper
65	100		
92	14.8	48.8	73.2#
138	30.7	69.5	104.3#

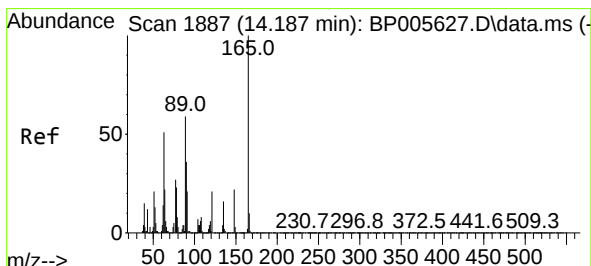
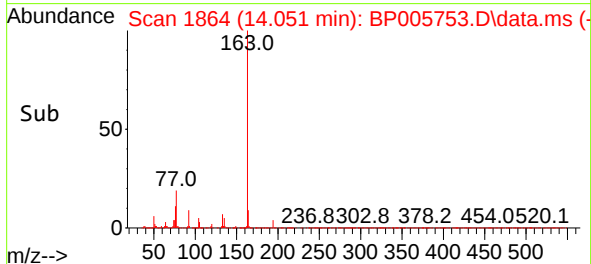
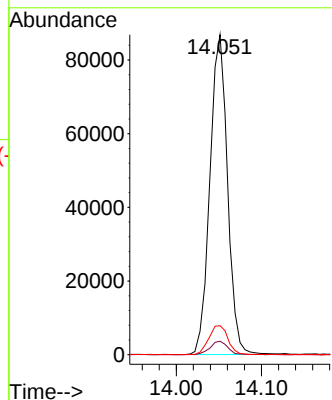
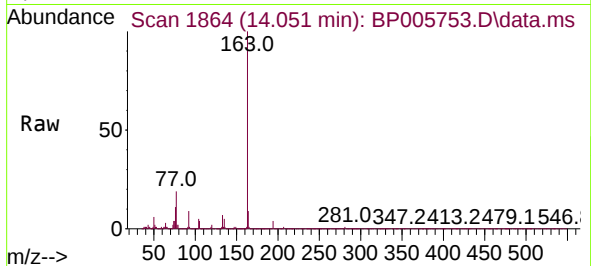




#50
Dimethylphthalate
Concen: 4.60 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

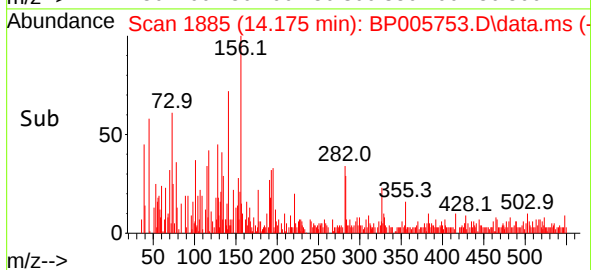
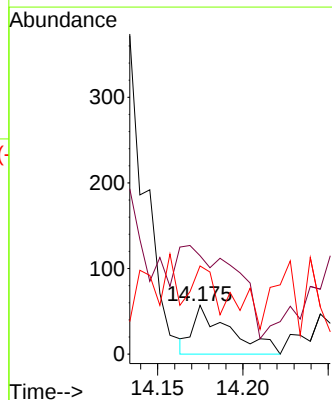
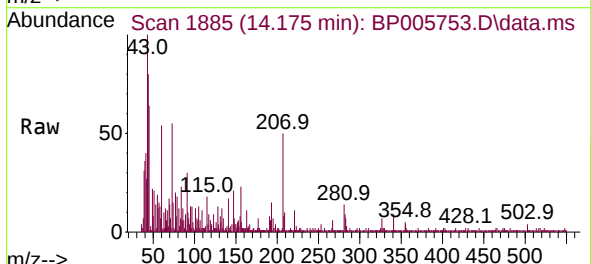
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

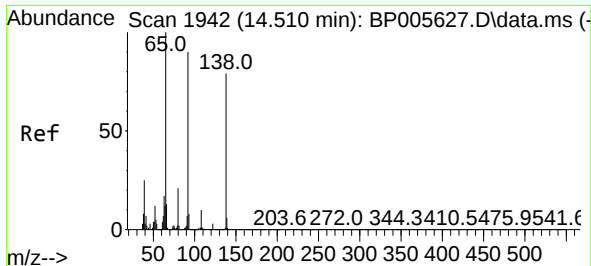
Tgt Ion:163 Resp: 124876
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 9.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:165 Resp: 86
Ion Ratio Lower Upper
165 100
63 236.8 67.4 101.0#
89 180.7 73.8 110.6#

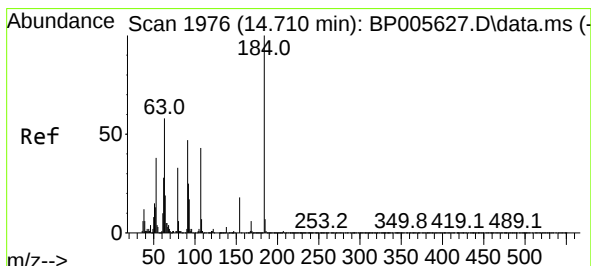
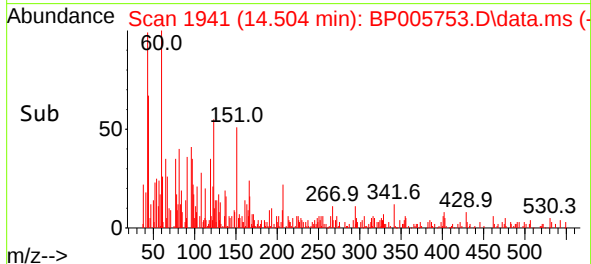
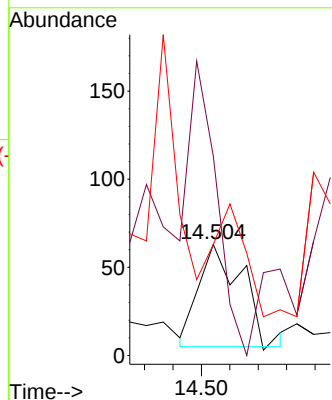
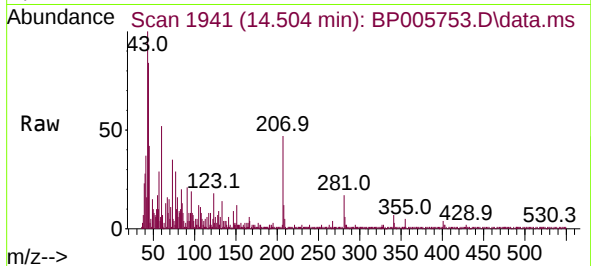




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

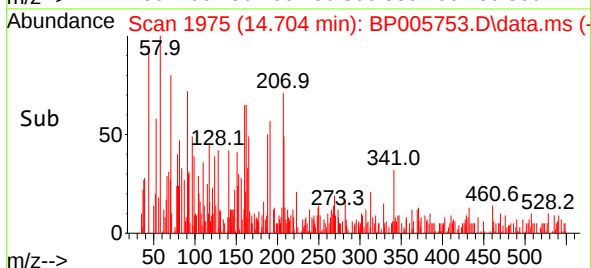
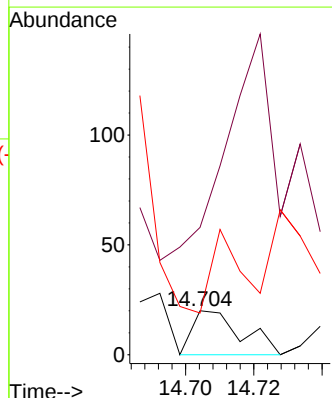
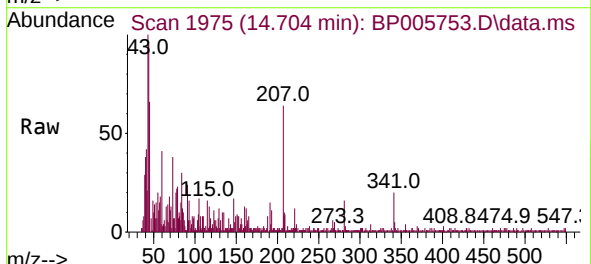
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

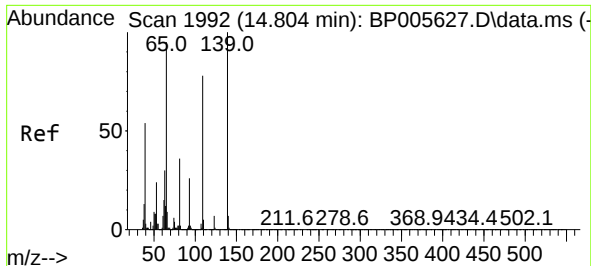
Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 129.9 10.2 15.4#
92 72.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 290.0 51.2 76.8#
154 95.0 55.8 83.8#

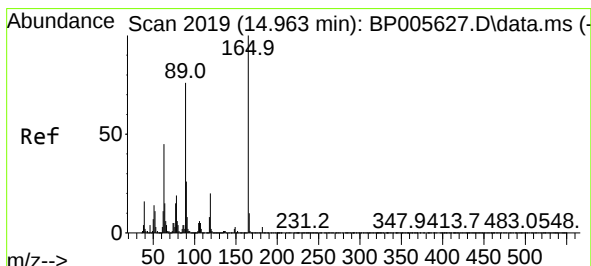
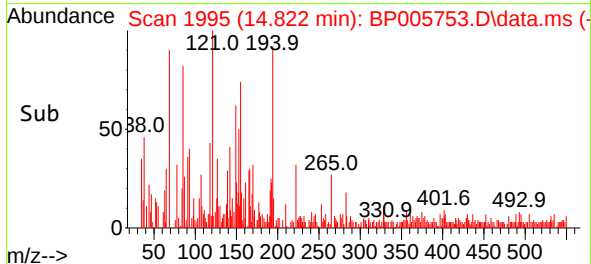
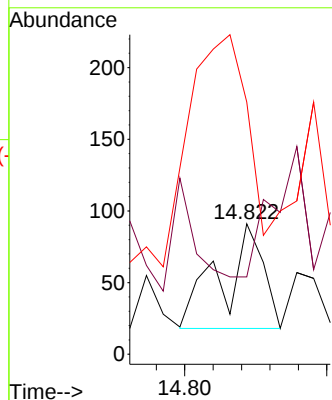
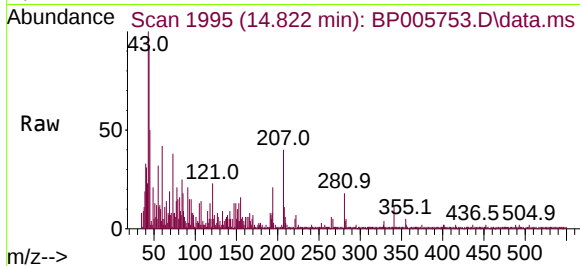




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

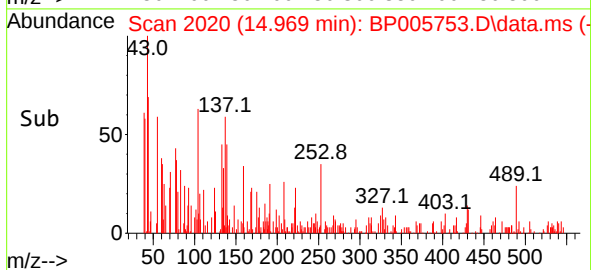
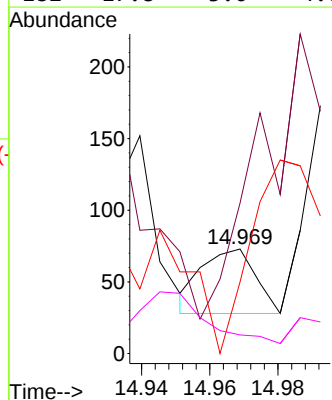
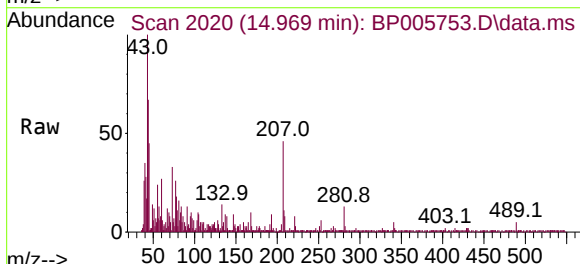
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

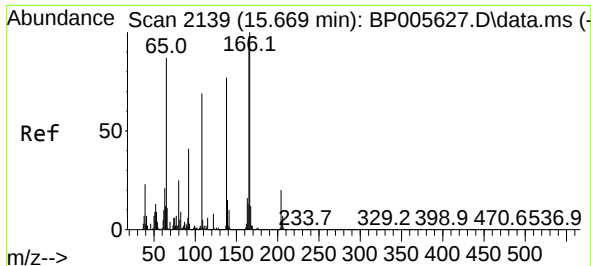
Tgt Ion:139 Resp: 74
Ion Ratio Lower Upper
139 100
109 59.3 122.8 162.8#
65 193.4 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.969 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 143.8 56.7 85.1#
89 68.5 85.8 128.6#
182 17.8 3.0 4.6#

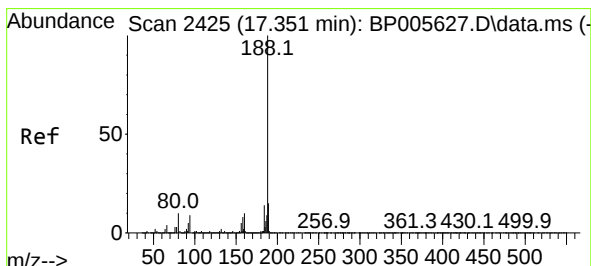
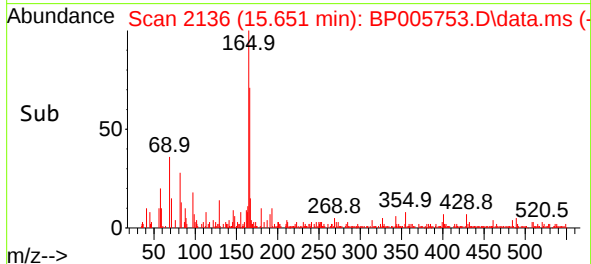
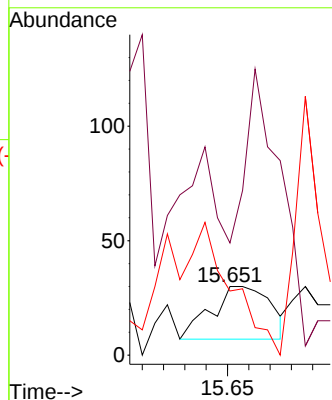
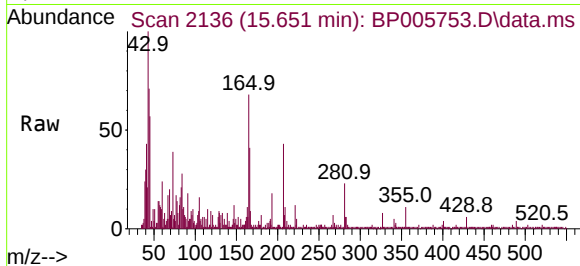




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

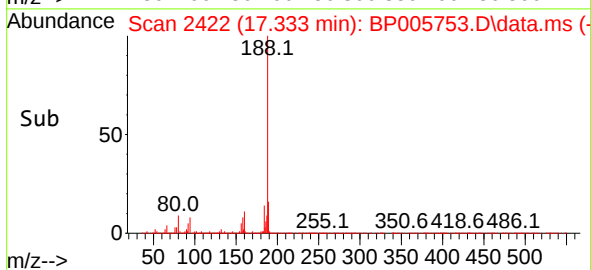
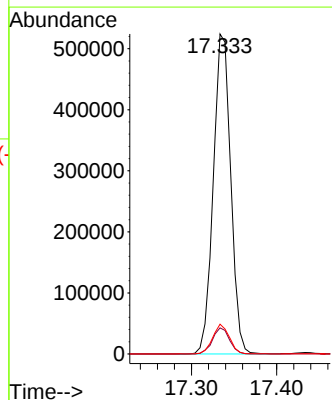
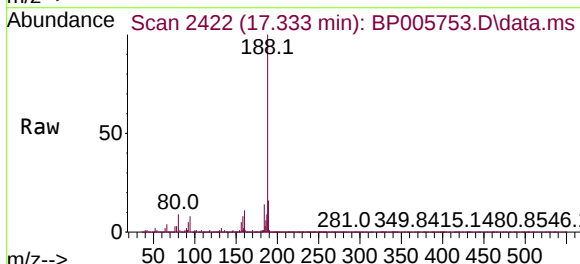
Instrument :
BNA_P
ClientSampleId :
18-B4(4-6)

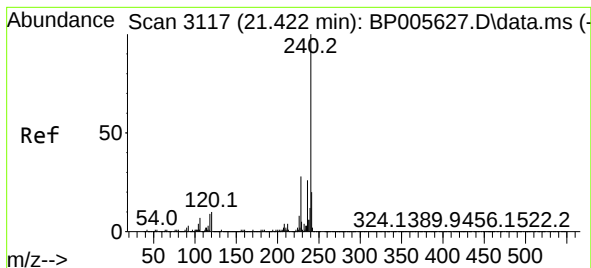
Tgt Ion:138 Resp: 44
Ion Ratio Lower Upper
138 100
92 163.3 50.9 90.9#
108 93.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005753.D
Acq: 07 Jun 2021 21:14

Tgt Ion:188 Resp: 743953
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 9.3 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.018 min

Lab File: BP005753.D

Acq: 07 Jun 2021 21:14

Tgt Ion:240 Resp: 833496

Ion Ratio Lower Upper

240 100

120 9.1 4.2 6.2#

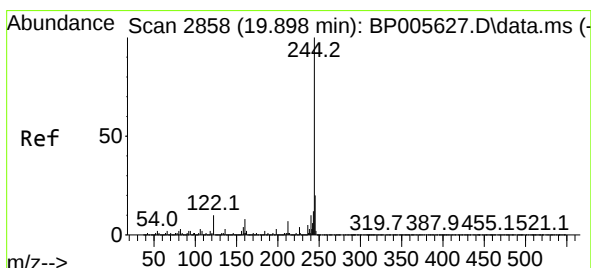
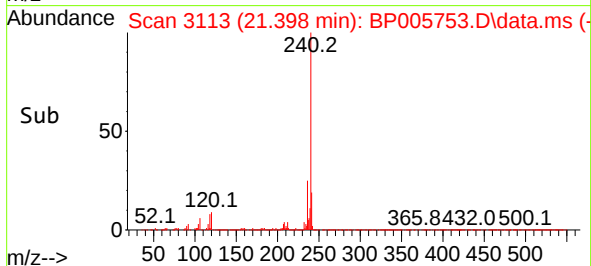
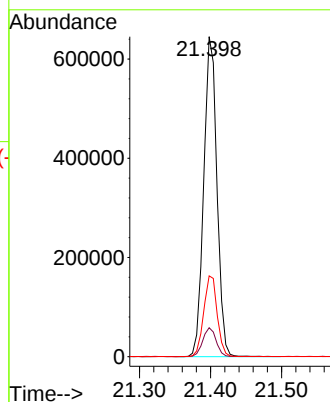
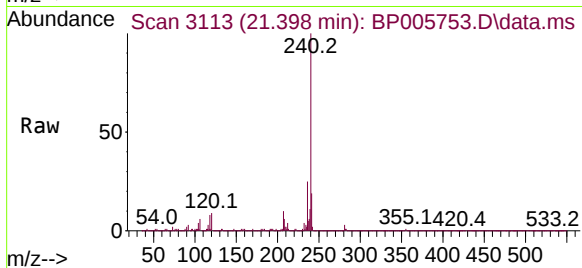
236 25.3 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

18-B4(4-6)



#79

Terphenyl-d14

Concen: 80.60 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005753.D

Acq: 07 Jun 2021 21:14

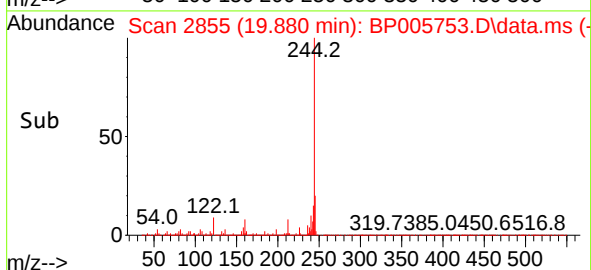
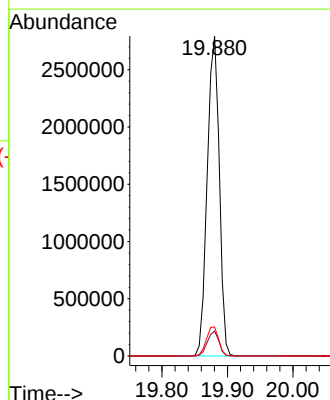
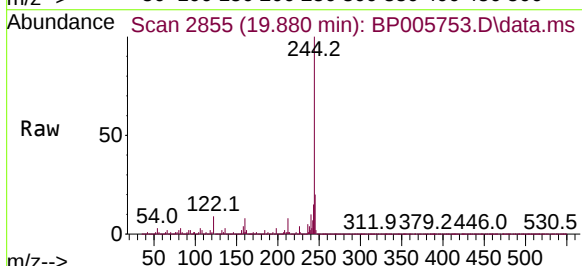
Tgt Ion:244 Resp: 3580188

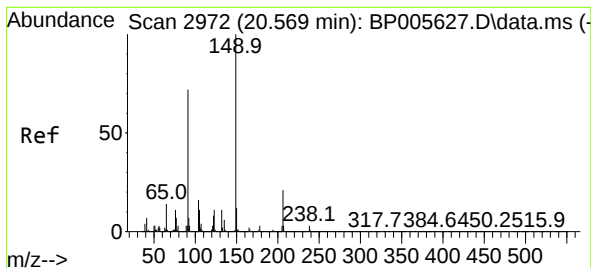
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.0 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.19 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP005753.D

Acq: 07 Jun 2021 21:14

Tgt Ion:149 Resp: 1655

Ion Ratio Lower Upper

149 100

91 86.4 60.2 90.4

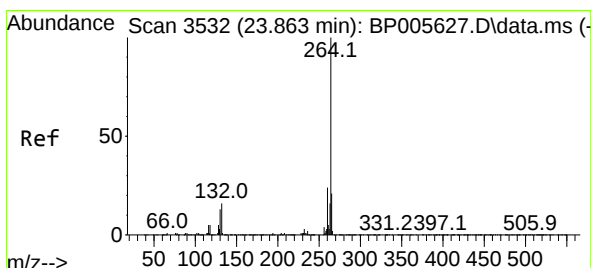
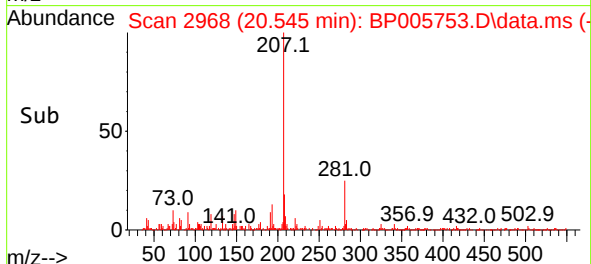
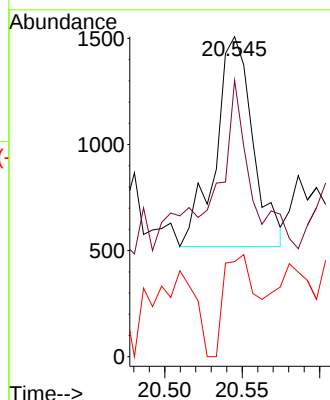
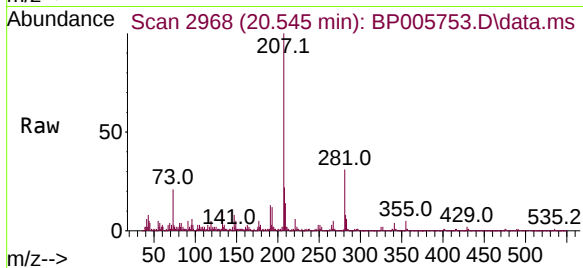
206 29.7 23.9 35.9

Instrument :

BNA_P

ClientSampleId :

18-B4(4-6)



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.024 min

Lab File: BP005753.D

Acq: 07 Jun 2021 21:14

Tgt Ion:264 Resp: 859647

Ion Ratio Lower Upper

264 100

260 24.0 20.6 30.8

265 21.7 19.0 28.6

