

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005755.D
 Acq On : 07 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2580-31
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(2-4)

Quant Time: Jun 08 01:17:08 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)

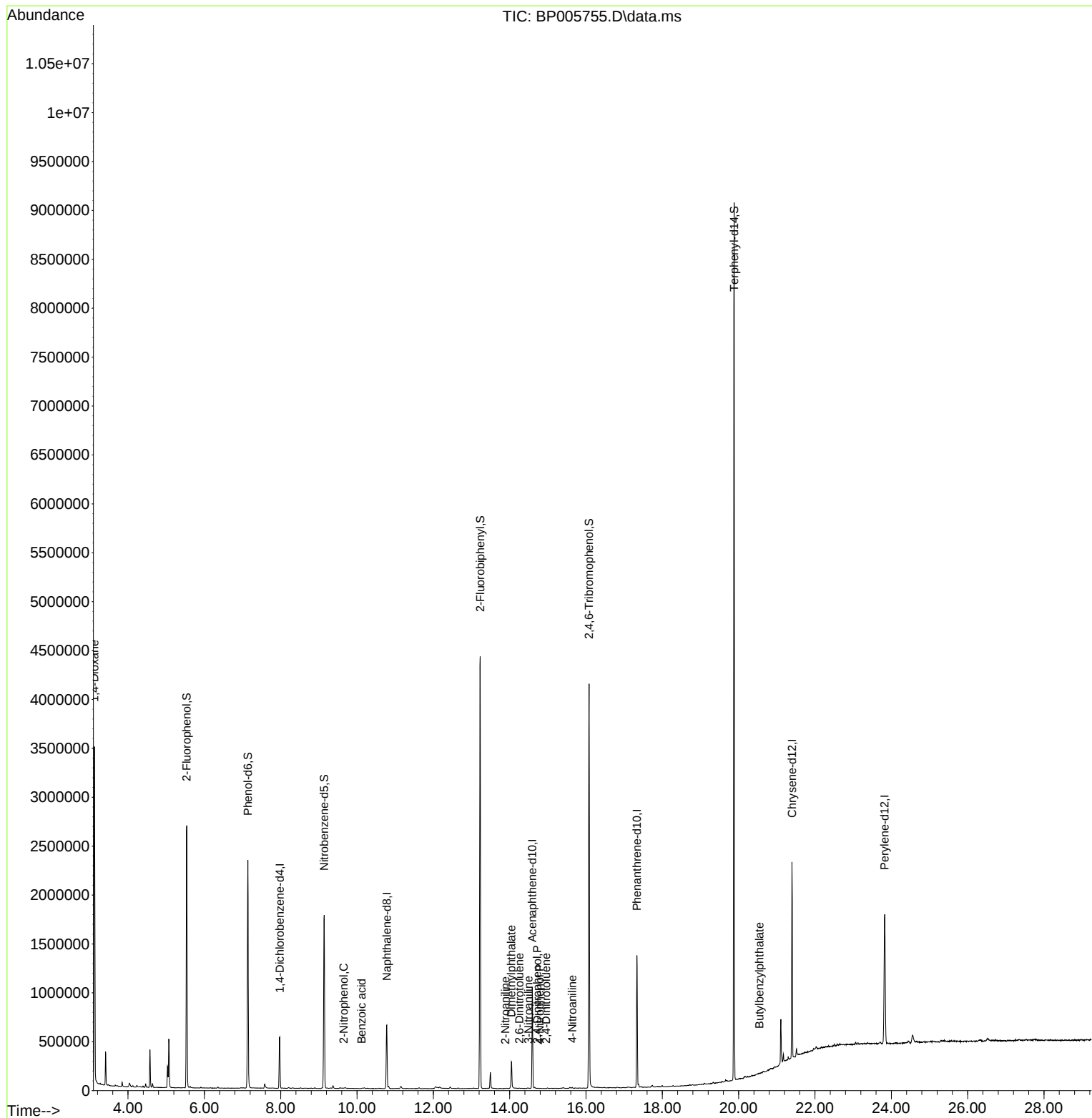
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	142111	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	546292	20.00	ng	0.00
39) Acenaphthene-d10	14.592	164	348183	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	792480	20.00	ng	#-0.01
76) Chrysene-d12	21.398	240	952287	20.00	ng	#-0.02
86) Perylene-d12	23.827	264	1065240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1166391	127.61	ng	0.00
7) Phenol-d6	7.140	99	1288349	103.39	ng	0.00
23) Nitrobenzene-d5	9.140	82	1039774	105.85	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	856681	191.88	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	2297764	87.34	ng	0.00
79) Terphenyl-d14	19.880	244	4079918	80.39	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.116	88	22012	5.26	ng	# 1
26) 2-Nitrophenol	9.651	139	12	4.16	ng	92
32) Benzoic acid	10.122	122	160	5.04	ng	# 1
48) 2-Nitroaniline	13.887	65	144	4.51	ng	92
50) Dimethylphthalate	14.045	163	171993	6.21	ng	99
51) 2,6-Dinitrotoluene	14.257	165	119	5.08	ng	94
53) 3-Nitroaniline	14.492	138	15	3.66	ng	# 23
54) 2,4-Dinitrophenol	14.722	184	37	6.54	ng	# 1
56) 4-Nitrophenol	14.786	139	54	3.75	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	106	4.27	ng	# 40
62) 4-Nitroaniline	15.639	138	93	3.64	ng	# 18
80) Butylbenzylphthalate	20.545	149	1399	4.18	ng	97

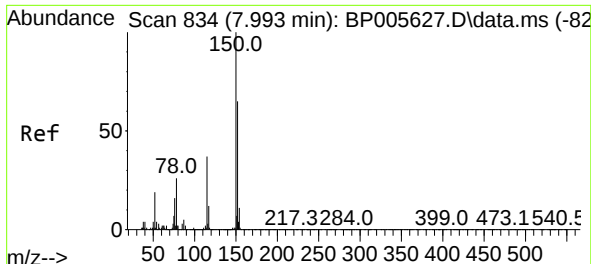
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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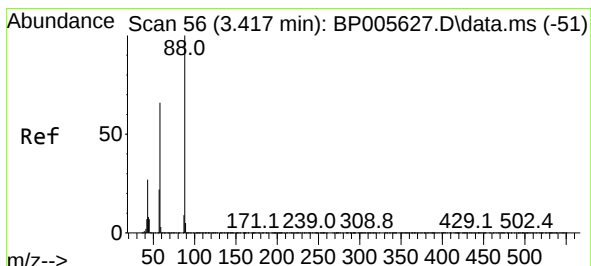
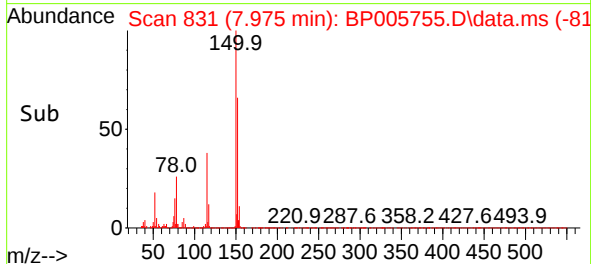
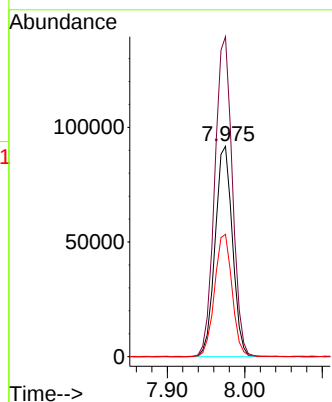
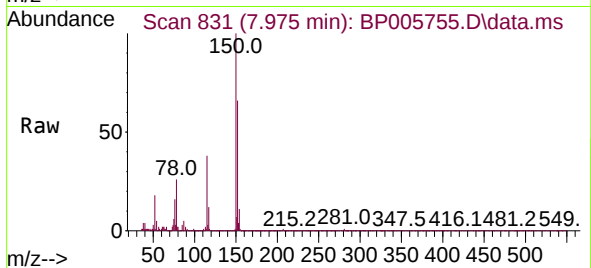




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.975 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: BP005755.D
 Acq: 07 Jun 2021 22:23

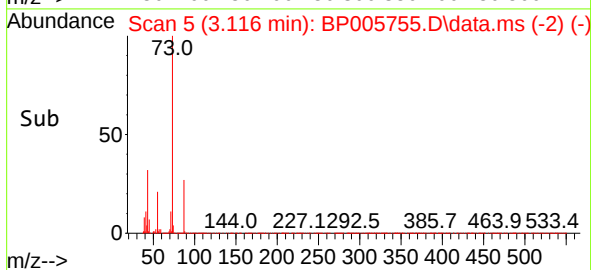
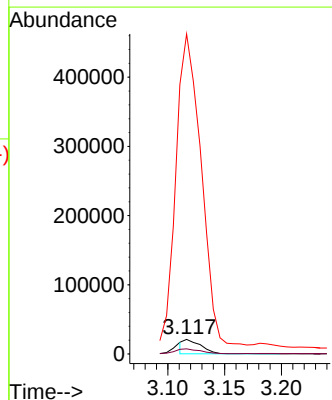
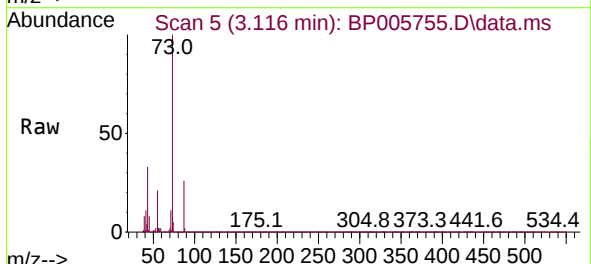
Instrument :
 BNA_P
 ClientSampleId :
 18-B5(2-4)

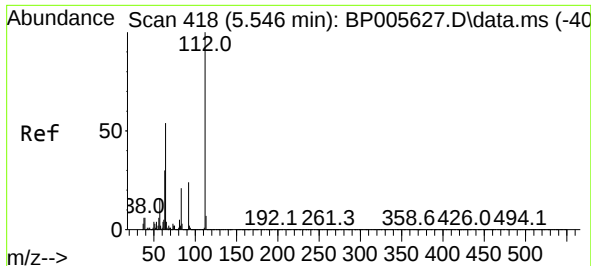
Tgt Ion:152 Resp: 142111
 Ion Ratio Lower Upper
 152 100
 150 152.1 119.8 179.8
 115 58.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 5.26 ng
 RT: 3.116 min Scan# 5
 Delta R.T. -0.282 min
 Lab File: BP005755.D
 Acq: 07 Jun 2021 22:23

Tgt Ion: 88 Resp: 22012
 Ion Ratio Lower Upper
 88 100
 58 0.0 42.5 63.7#
 43 2162.4 19.8 29.8#

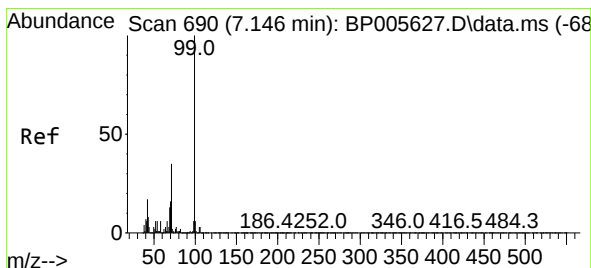
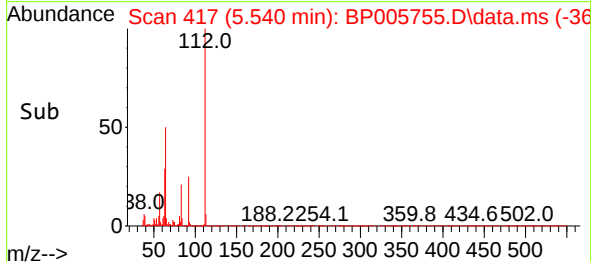
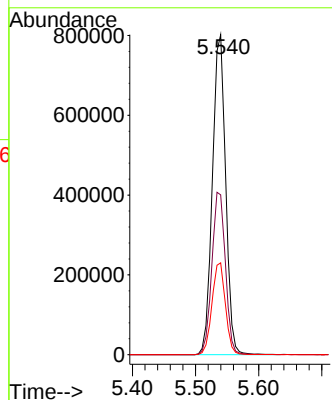
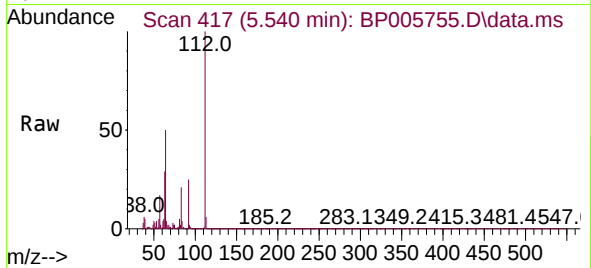




#5
2-Fluorophenol
Concen: 127.61 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

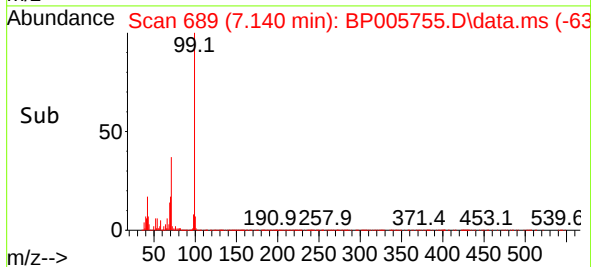
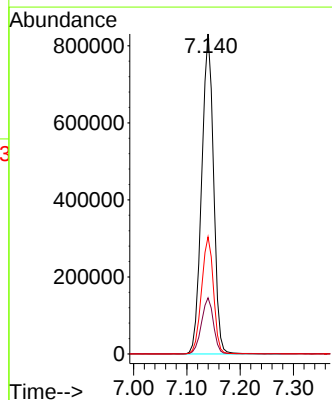
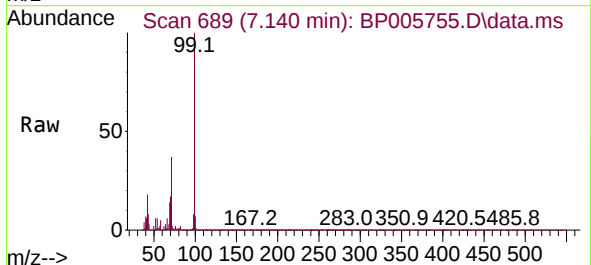
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

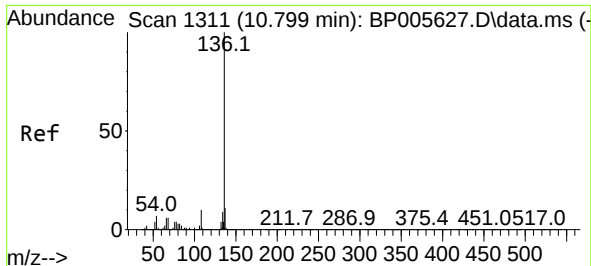
Tgt Ion:112 Resp: 1166391
Ion Ratio Lower Upper
112 100
64 50.0 33.6 50.4
63 28.7 18.6 27.8#



#7
Phenol-d6
Concen: 103.39 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion: 99 Resp: 1288349
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 36.6 26.7 40.1

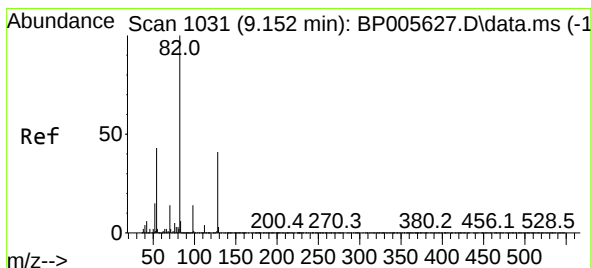
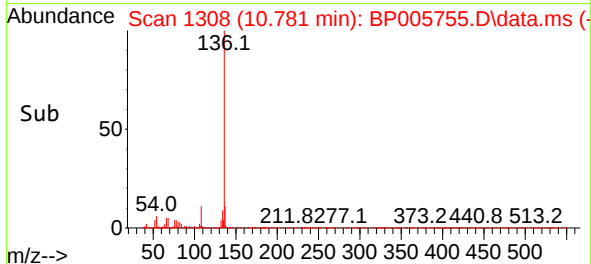
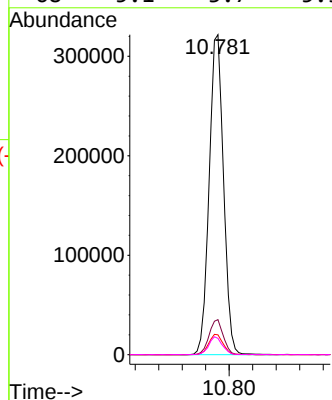
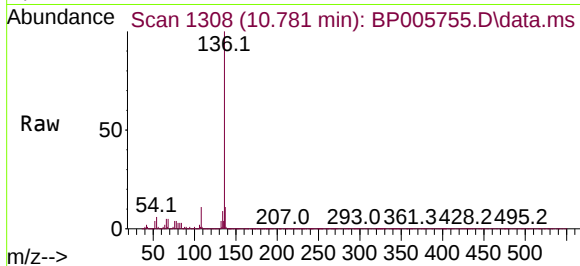




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

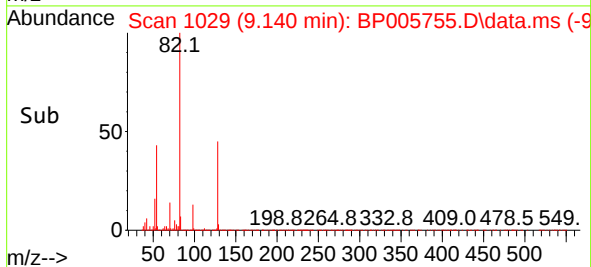
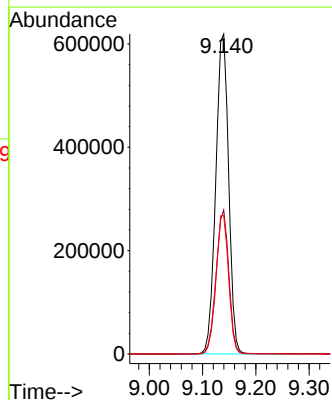
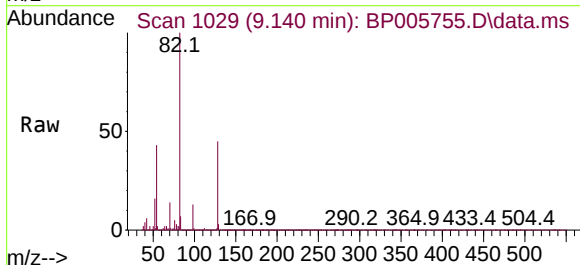
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

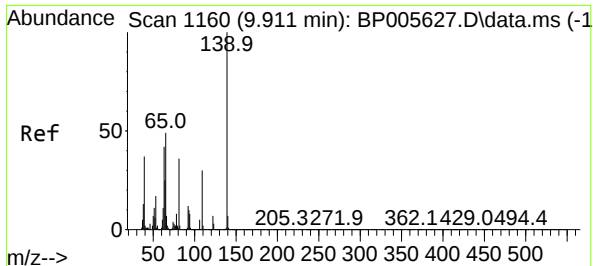
Tgt	Ion:136	Resp:	546292
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	5.0	7.4
68	5.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: 105.85 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion: 82		Resp: 1039774	
Ion	Ratio	Lower	Upper
82	100		
128	45.0	30.5	45.7
54	43.2	33.9	50.9

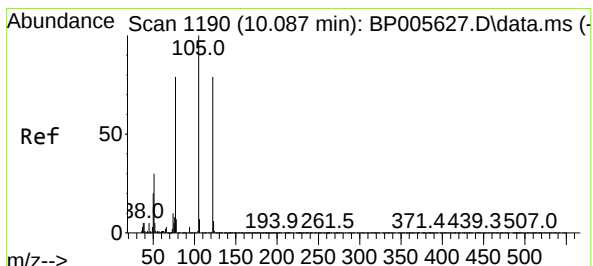
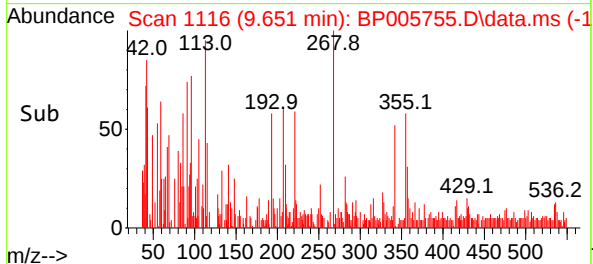
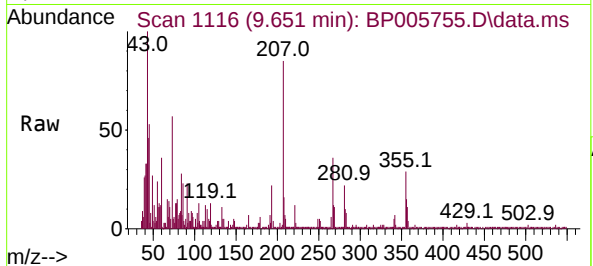




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.247 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

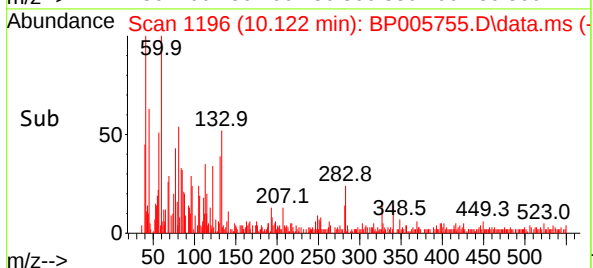
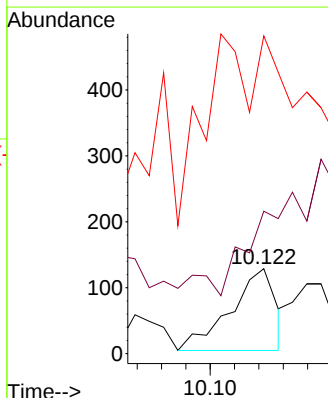
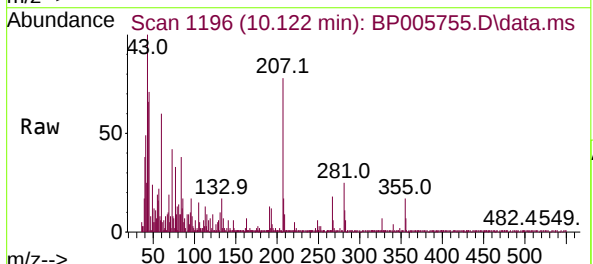
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

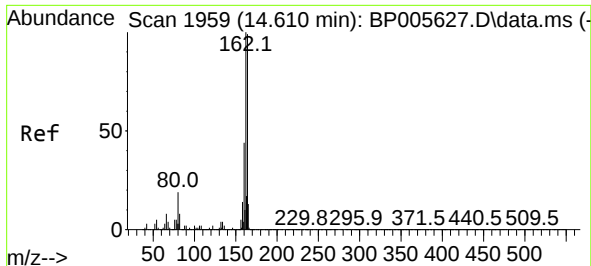
Tgt Ion:	139	Resp:	12
Ion	Ratio	Lower	Upper
139	100		
109	52.2	40.7	61.1
65	69.6	47.8	71.6



#32
Benzoic acid
Concen: 5.04 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:	122	Resp:	160
Ion	Ratio	Lower	Upper
122	100		
105	167.4	105.1	145.1#
77	373.6	69.6	109.6#

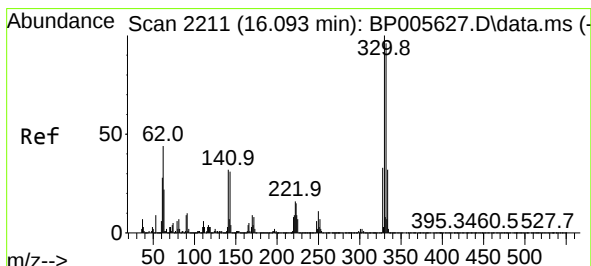
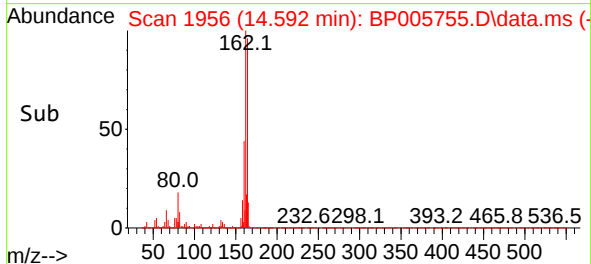
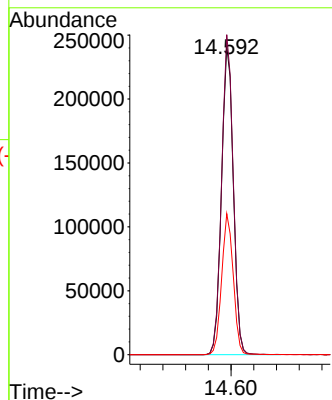
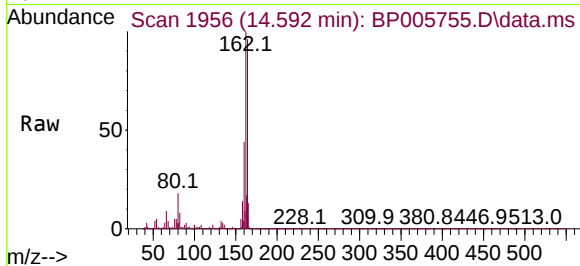




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

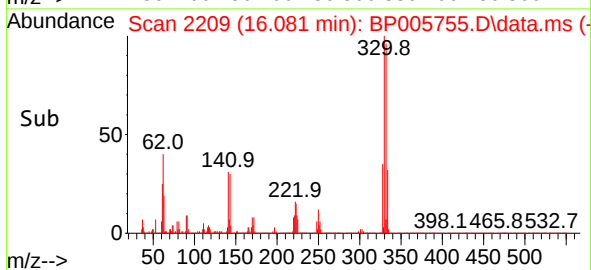
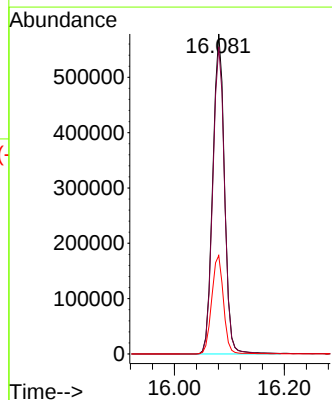
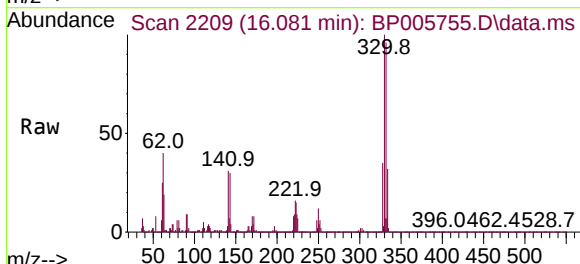
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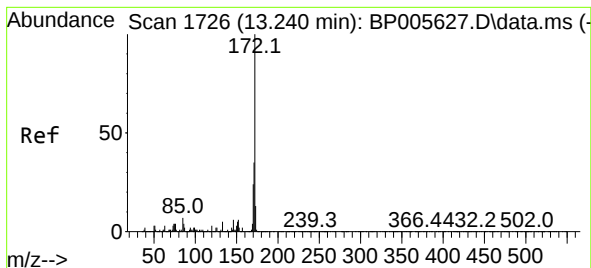
Tgt Ion:164 Resp: 348183
Ion Ratio Lower Upper
164 100
162 103.7 73.5 110.3
160 45.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 191.88 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:330 Resp: 856681
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 30.9 22.8 34.2



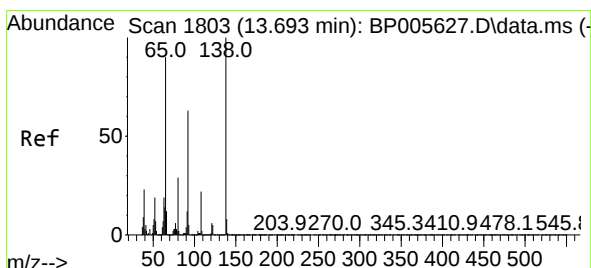
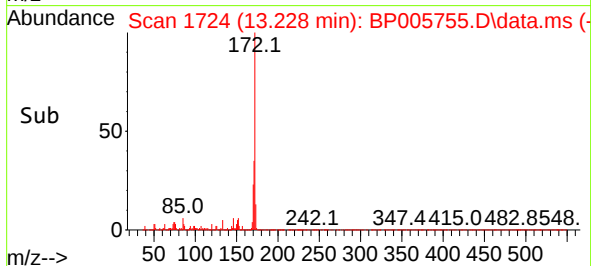
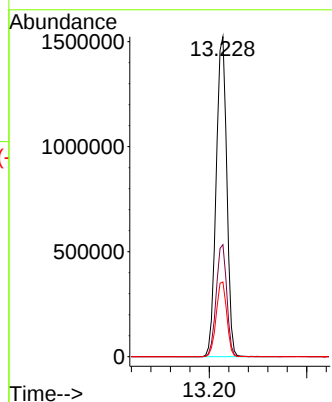
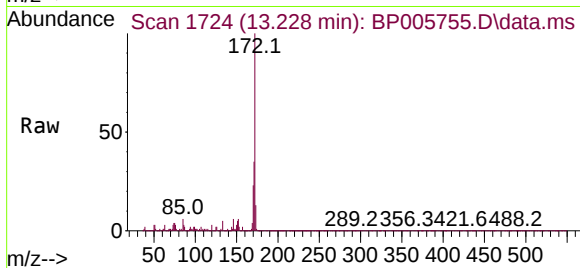


#45
2-Fluorobiphenyl
Concen: 87.34 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Instrument :
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ClientSampleId :
18-B5(2-4)

Tgt Ion:172 Resp: 2297764

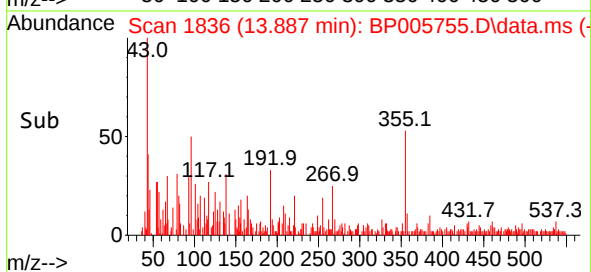
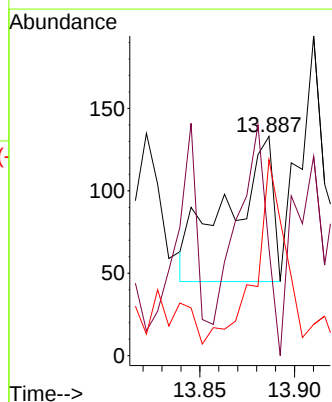
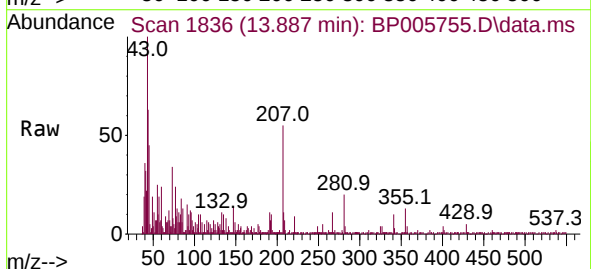
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.4	19.6	29.4

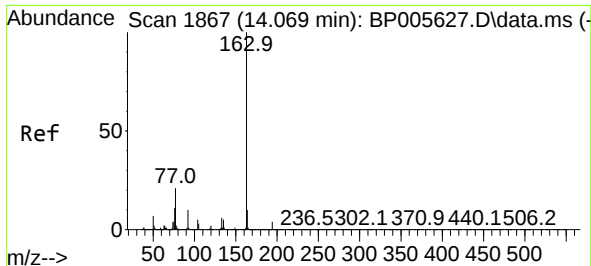


#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.887 min Scan# 1836
Delta R.T. 0.200 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion: 65 Resp: 144

Ion	Ratio	Lower	Upper
65	100		
92	48.9	48.8	73.2
138	89.5	69.5	104.3

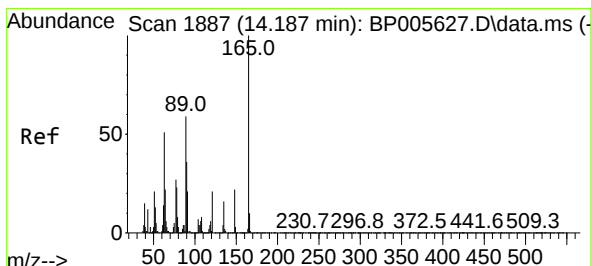
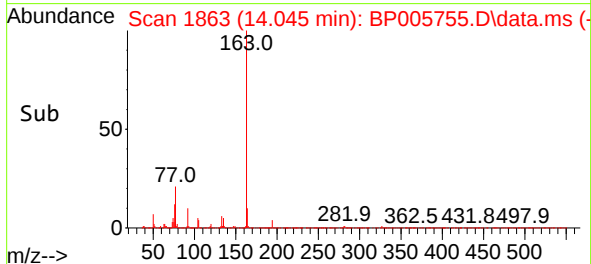
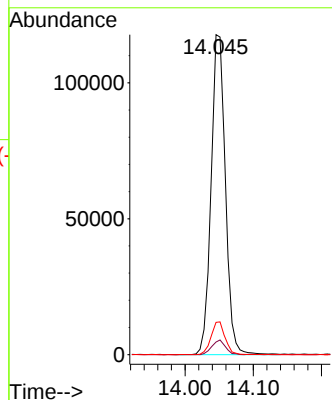
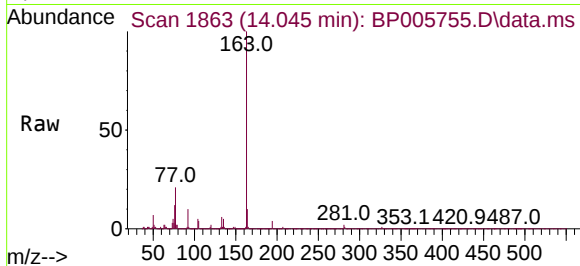




#50
Dimethylphthalate
Concen: 6.21 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

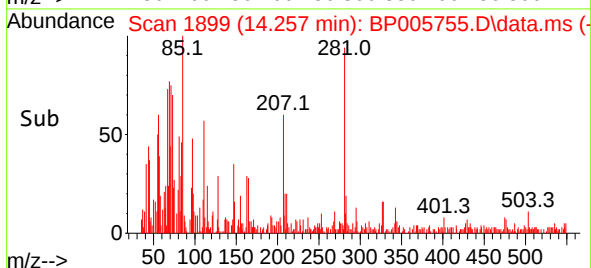
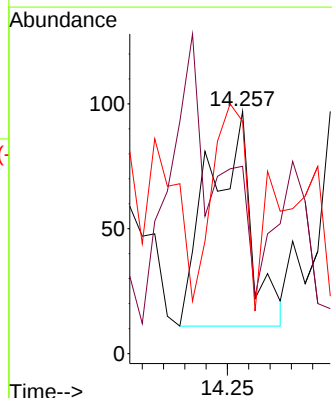
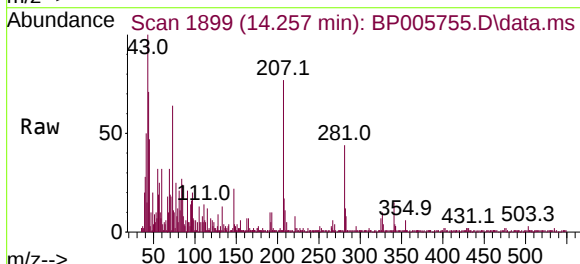
Instrument :
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ClientSampleId :
18-B5(2-4)

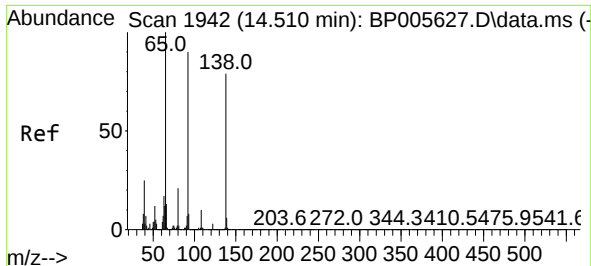
Tgt Ion:163 Resp: 171993
Ion Ratio Lower Upper
163 100
194 3.9 3.9 5.9
164 10.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.076 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 77.3 67.4 101.0
89 95.9 73.8 110.6

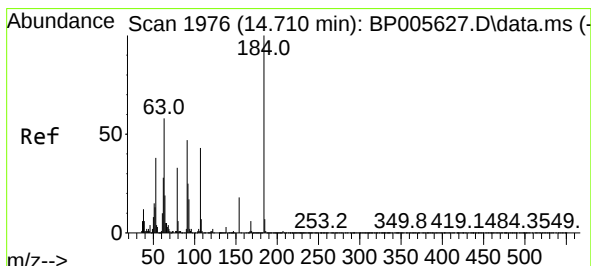
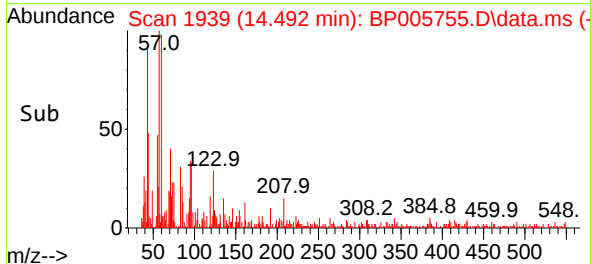
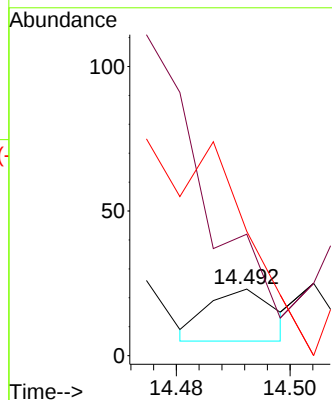
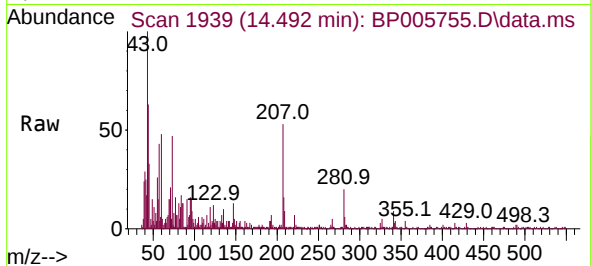




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

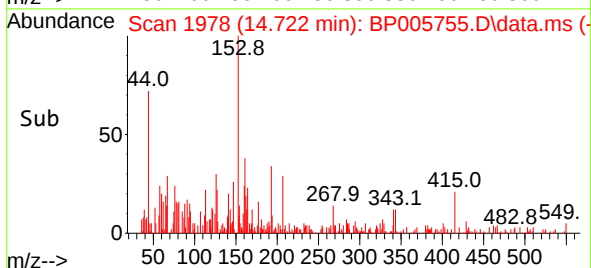
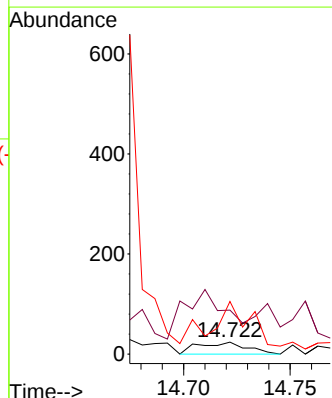
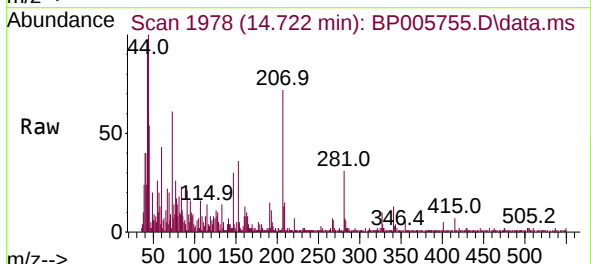
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

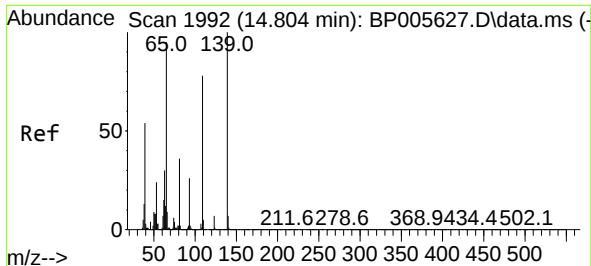
Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
108 182.6 10.2 15.4#
92 187.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 366.7 51.2 76.8#
154 437.5 55.8 83.8#

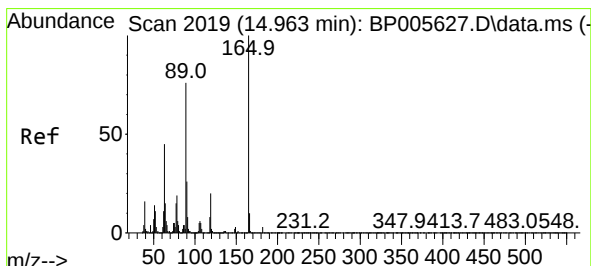
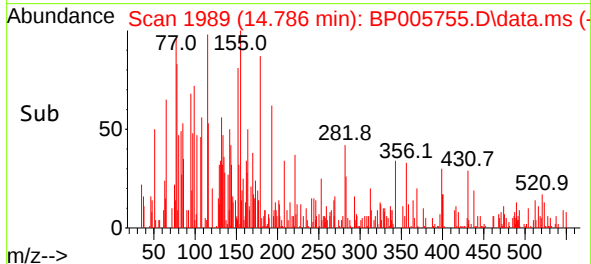
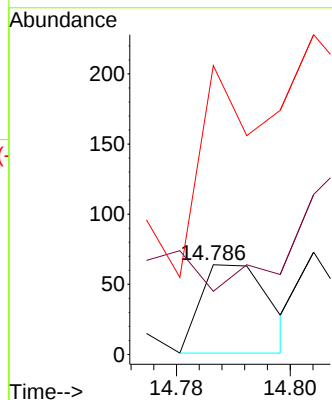
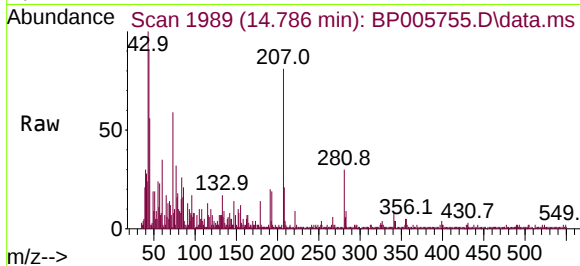




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.030 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

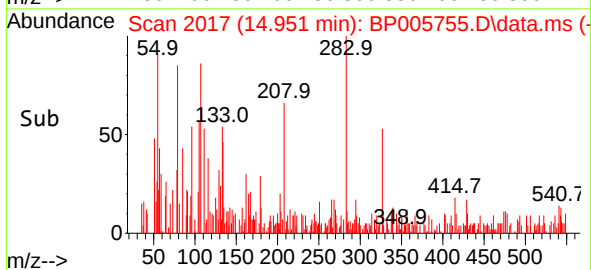
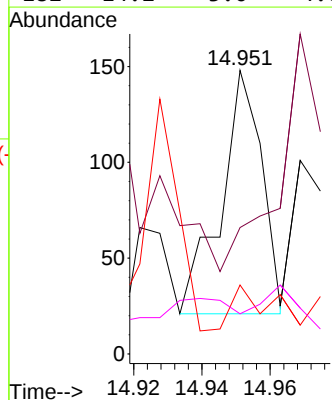
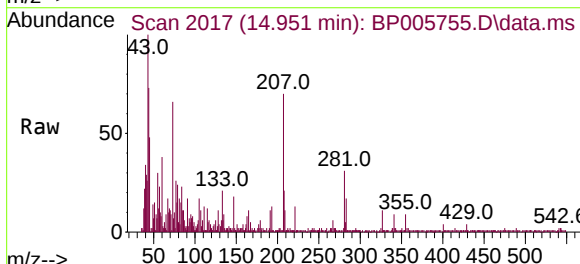
Instrument :
BNA_P
ClientSampled :
18-B5(2-4)

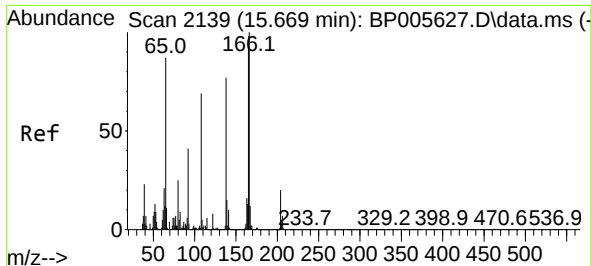
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 70.3 122.8 162.8#
65 321.9 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:165 Resp: 106
Ion Ratio Lower Upper
165 100
63 44.6 56.7 85.1#
89 24.3 85.8 128.6#
182 14.2 3.0 4.6#

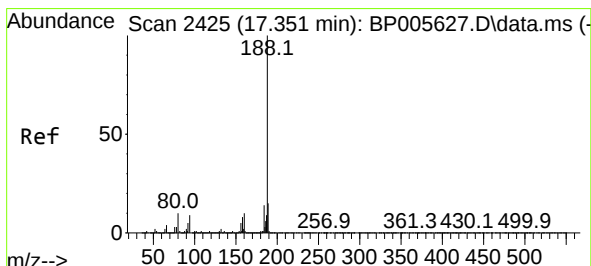
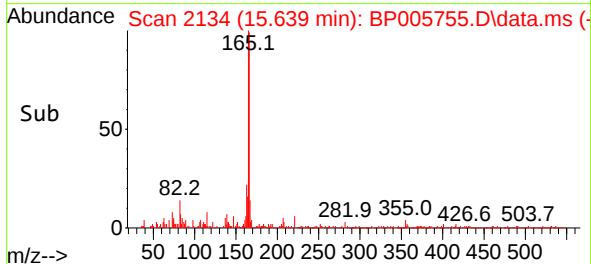
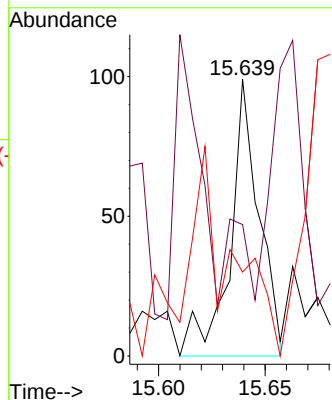
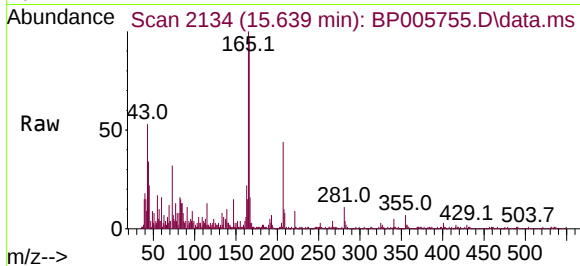




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.024 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

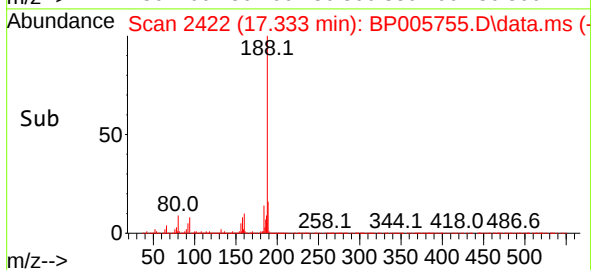
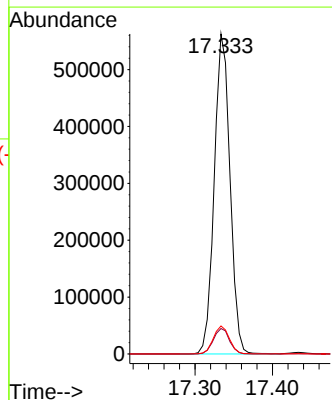
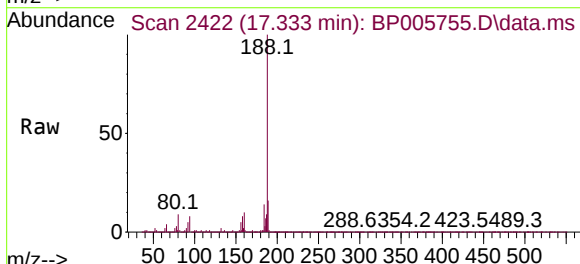
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

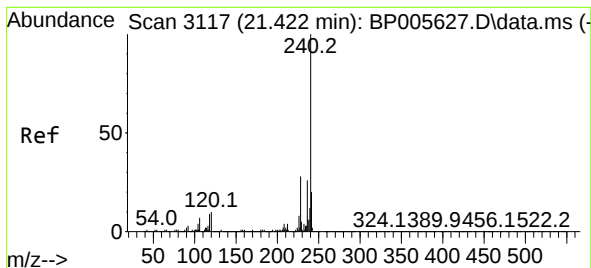
Tgt Ion:138 Resp: 93
Ion Ratio Lower Upper
138 100
92 47.5 50.9 90.9#
108 30.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:188 Resp: 792480
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.7 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: BP005755.D

Acq: 07 Jun 2021 22:23

Tgt Ion:240 Resp: 952287

Ion Ratio Lower Upper

240 100

120 9.2 4.2 6.2#

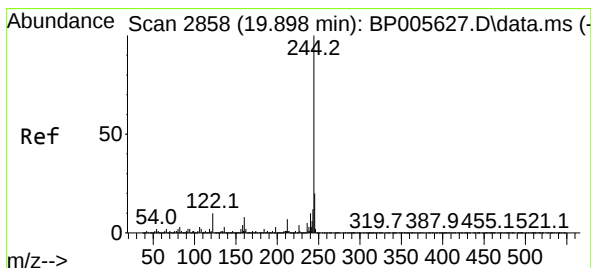
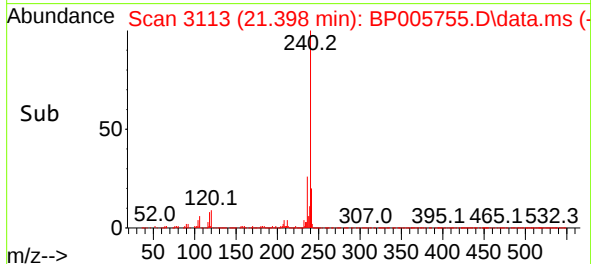
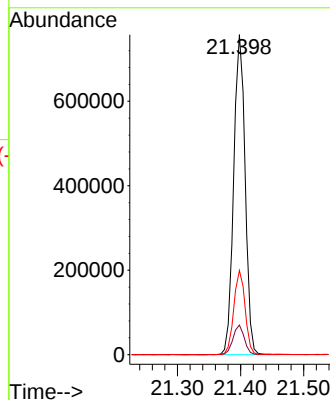
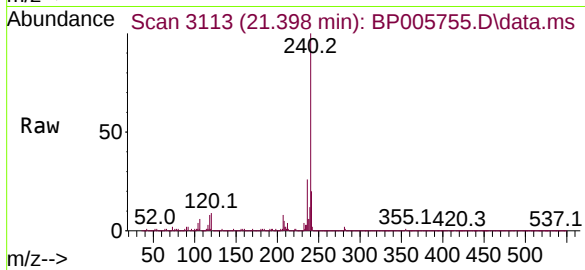
236 26.3 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

18-B5(2-4)



#79

Terphenyl-d14

Concen: 80.39 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005755.D

Acq: 07 Jun 2021 22:23

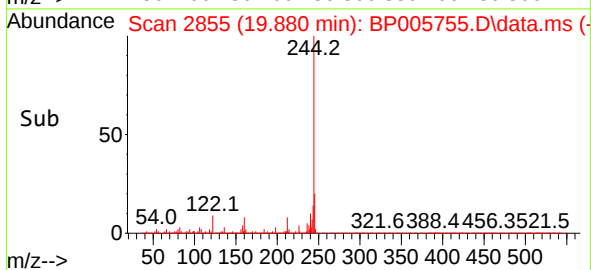
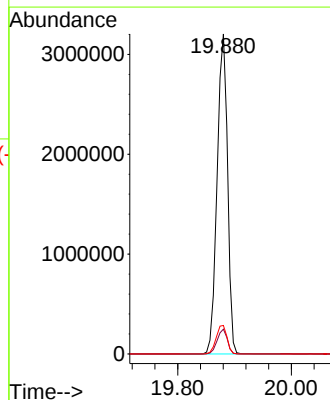
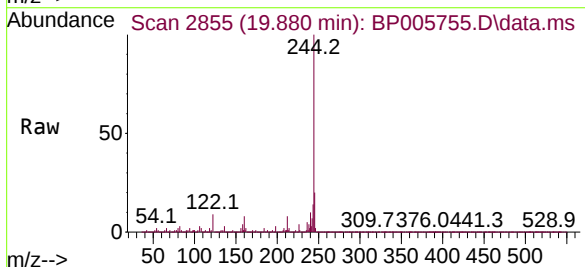
Tgt Ion:244 Resp: 4079918

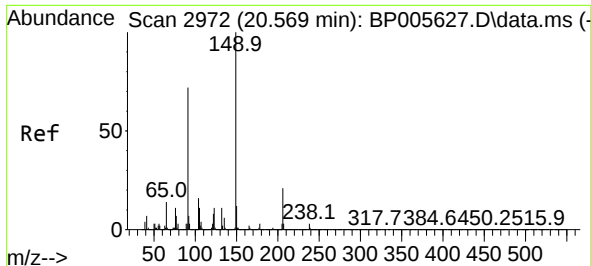
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 8.9 5.2 7.8#

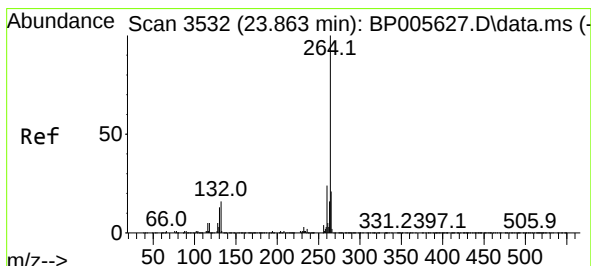
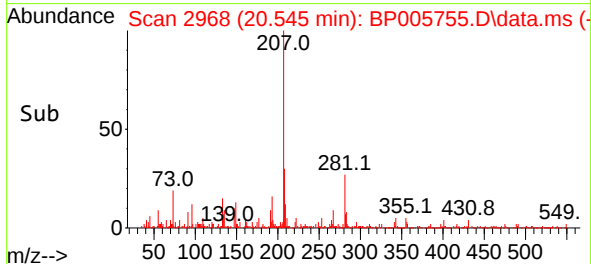
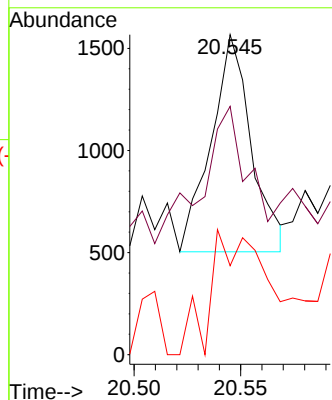
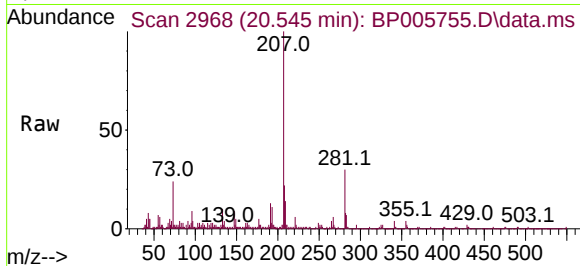




#80
Butylbenzylphthalate
Concen: 4.18 ng
RT: 20.545 min Scan# 2968
Delta R.T. -0.012 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

Tgt Ion:	149	Resp:	1399
Ion	Ratio	Lower	Upper
149	100		
91	77.6	60.2	90.4
206	27.8	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.024 min
Lab File: BP005755.D
Acq: 07 Jun 2021 22:23

Tgt Ion:	264	Resp:	1065240
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	21.6	19.0	28.6

