

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005766.D
 Acq On : 08 Jun 2021 06:27
 Operator : CG/JU
 Sample : M2580-33
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B6(0-6)

Quant Time: Jun 08 07:26:10 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)

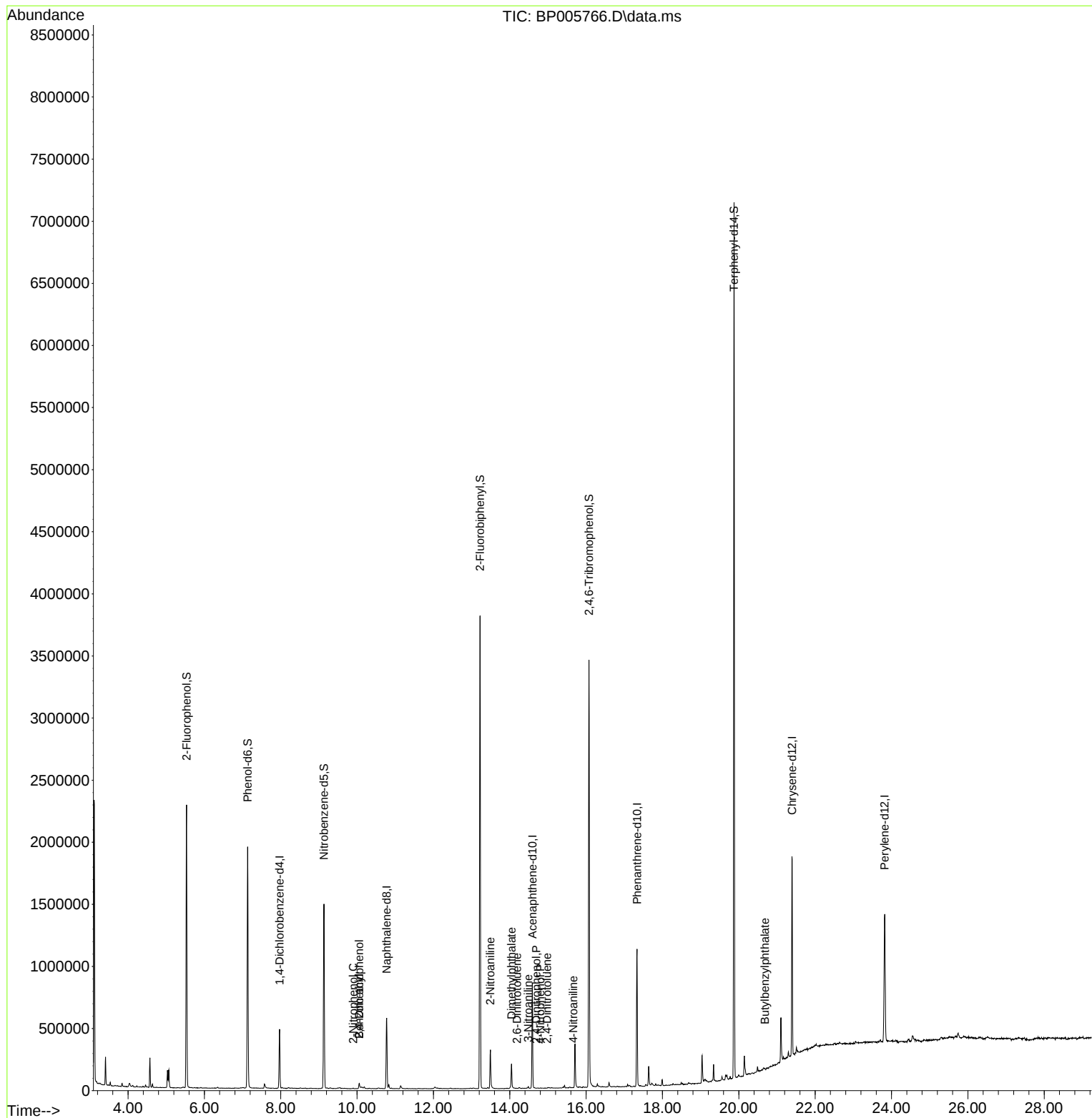
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	125806	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	476076	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	301607	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	676333	20.00	ng	-0.01
76) Chrysene-d12	21.398	240	804358	20.00	ng	#-0.02
86) Perylene-d12	23.821	264	832677	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	970469	119.93	ng	0.00
7) Phenol-d6	7.134	99	1070955	97.08	ng	0.00
23) Nitrobenzene-d5	9.134	82	844860	98.69	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	721311	186.51	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1945970	85.39	ng	-0.01
79) Terphenyl-d14	19.875	244	3177056	74.12	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	47	4.17	ng	# 55
27) 2,4-Dimethylphenol	10.057	122	22332	3.06	ng	# 4
32) Benzoic acid	10.057	122	22332	9.99	ng	96
48) 2-Nitroaniline	13.493	65	6903	5.81	ng	# 23
50) Dimethylphthalate	14.045	163	125391	5.23	ng	99
51) 2,6-Dinitrotoluene	14.187	165	95	5.07	ng	# 25
53) 3-Nitroaniline	14.481	138	34	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.698	184	8	6.53	ng	98
56) 4-Nitrophenol	14.798	139	74	3.76	ng	# 1
57) 2,4-Dinitrotoluene	14.981	165	141	4.28	ng	# 71
62) 4-Nitroaniline	15.663	138	41	3.64	ng	# 1
80) Butylbenzylphthalate	20.686	149	393	4.15	ng	89

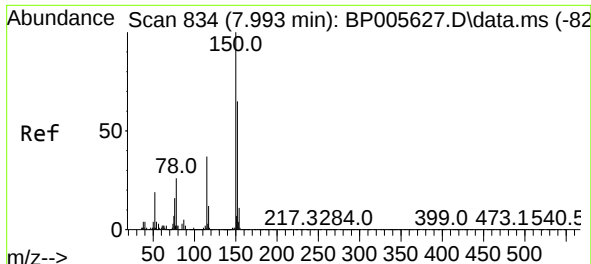
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005766.D
Acq On : 08 Jun 2021 06:27
Operator : CG/JU
Sample : M2580-33
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Quant Time: Jun 08 07:26:10 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

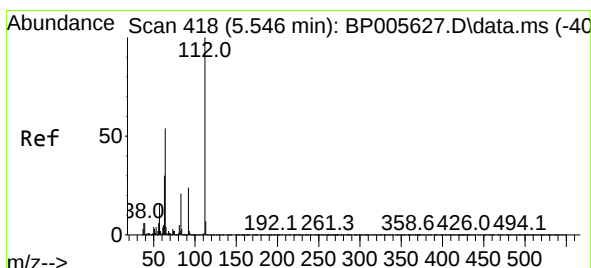
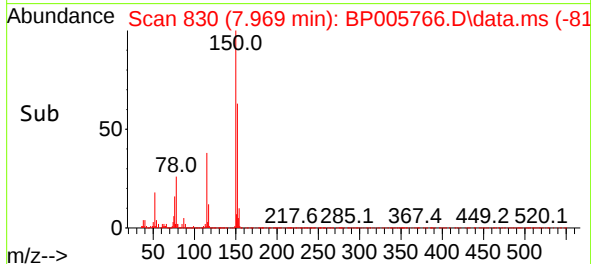
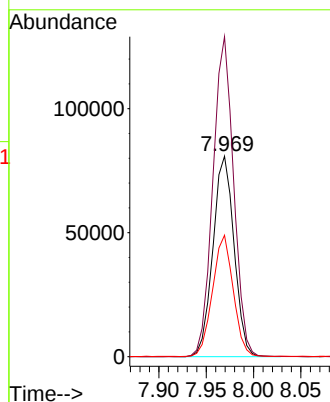
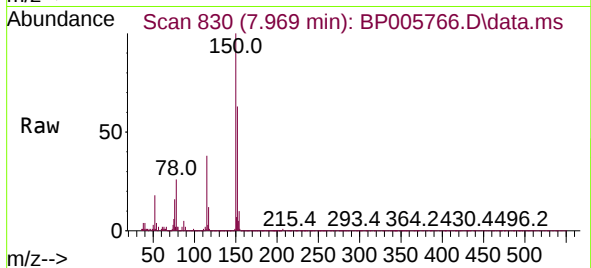




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

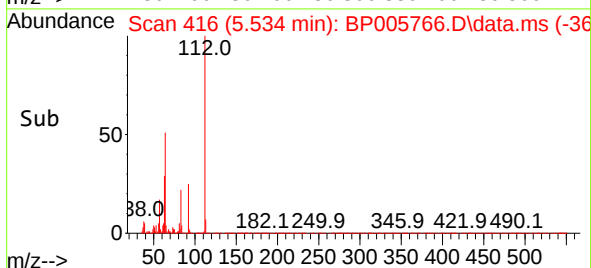
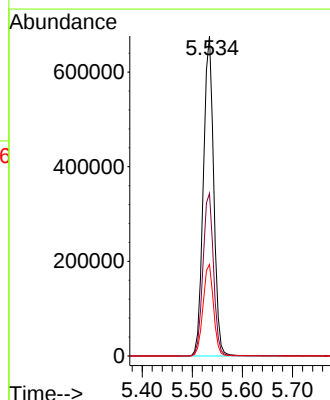
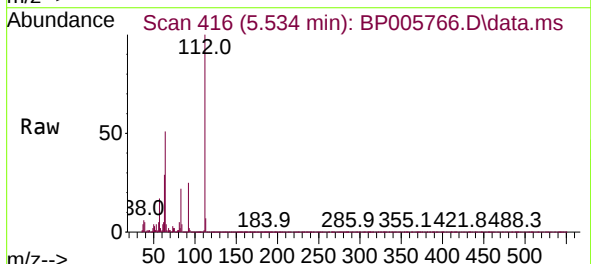
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

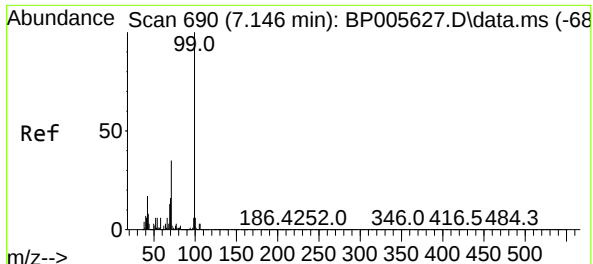
Tgt Ion:152 Resp: 125806
Ion Ratio Lower Upper
152 100
150 159.6 119.8 179.8
115 60.6 49.0 73.4



#5
2-Fluorophenol
Concen: 119.93 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:112 Resp: 970469
Ion Ratio Lower Upper
112 100
64 50.8 33.6 50.4#
63 28.6 18.6 27.8#



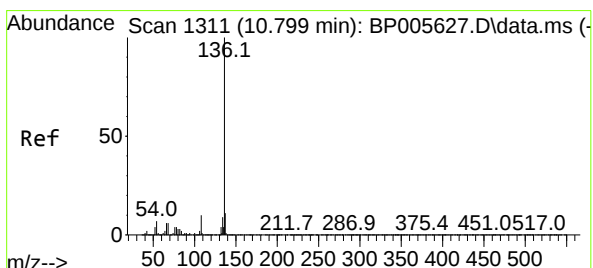
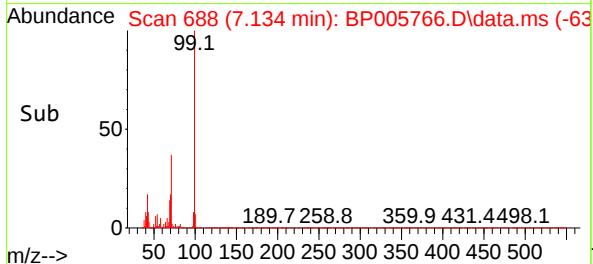
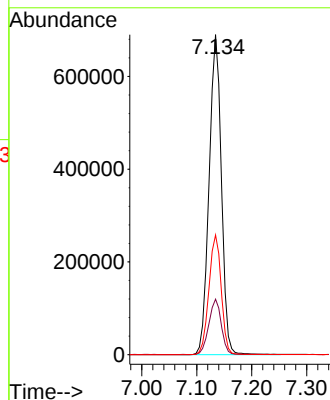
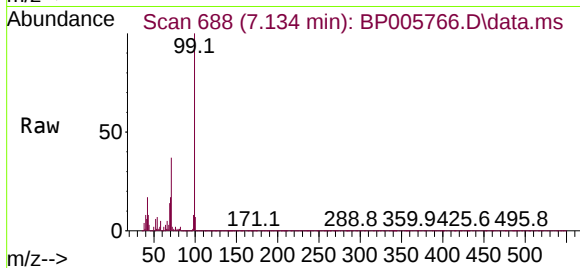


#7
Phenol-d6
Concen: 97.08 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Tgt Ion: 99 Resp: 1070955

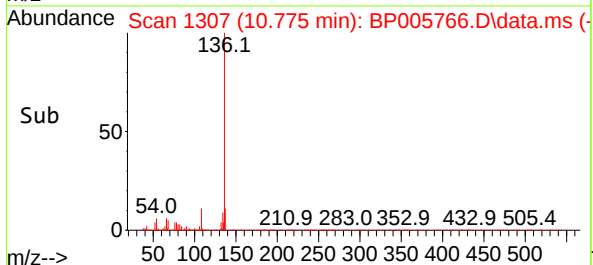
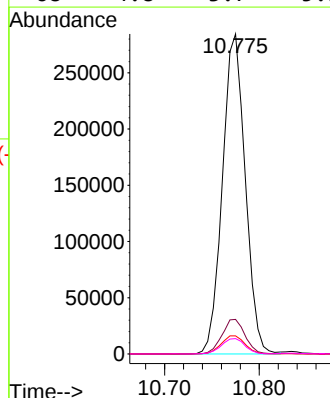
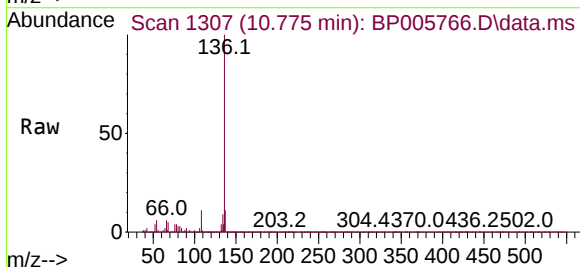
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.9	19.3
71	37.4	26.7	40.1

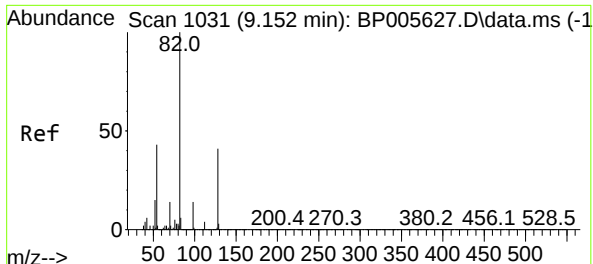


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion: 136 Resp: 476076

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.7	5.0	7.4
68	4.8	3.7	5.5

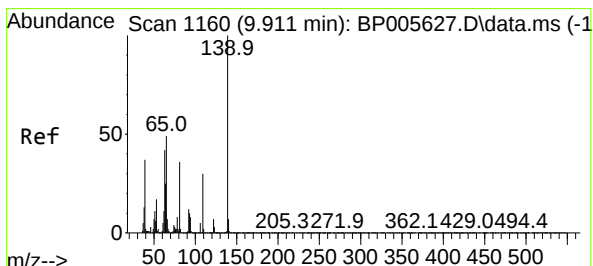
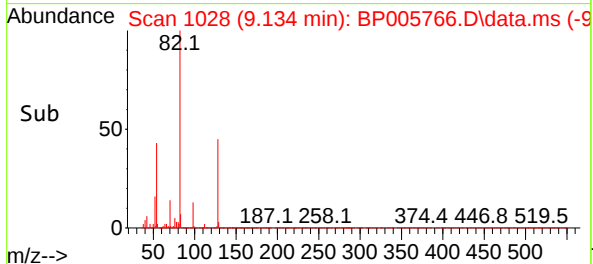
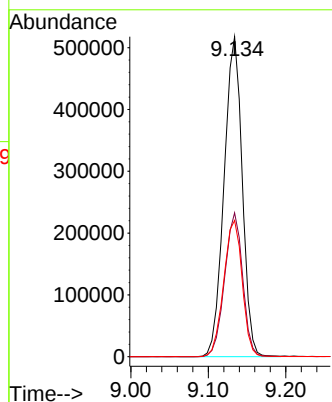
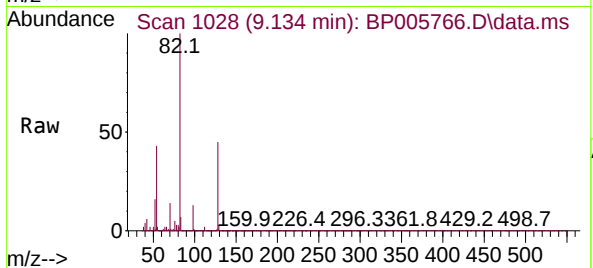




#23
Nitrobenzene-d5
Concen: 98.69 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

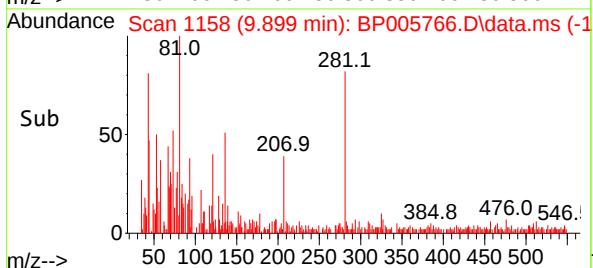
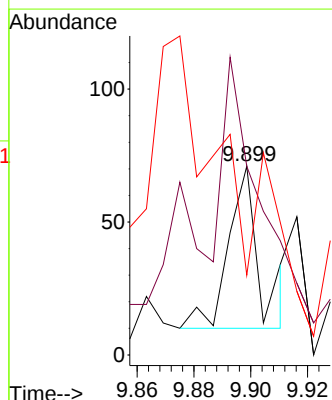
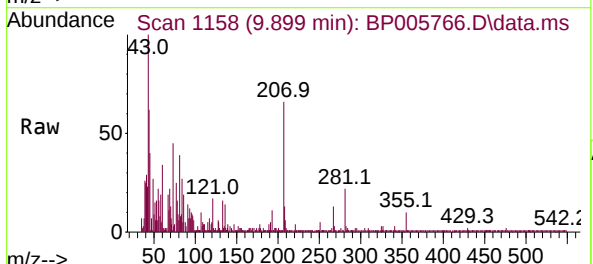
Instrument :
BNA_P
ClientSampled :
18-B6(0-6)

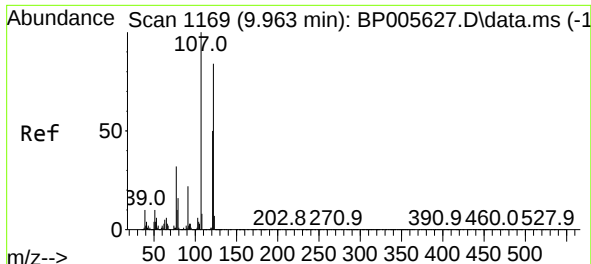
Tgt Ion: 82 Resp: 844860
Ion Ratio Lower Upper
82 100
128 44.9 30.5 45.7
54 42.5 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion: 139 Resp: 47
Ion Ratio Lower Upper
139 100
109 100.0 40.7 61.1#
65 42.3 47.8 71.6#





#27

2,4-Dimethylphenol

Concen: 3.06 ng

RT: 10.057 min Scan# 1185

Delta R.T. 0.100 min

Lab File: BP005766.D

Acq: 08 Jun 2021 06:27

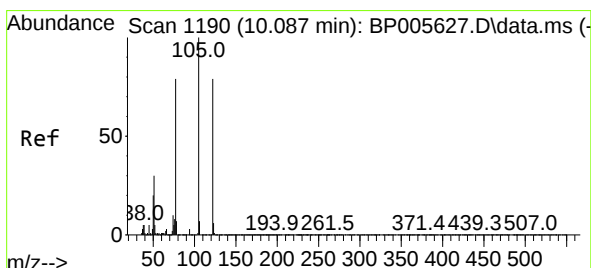
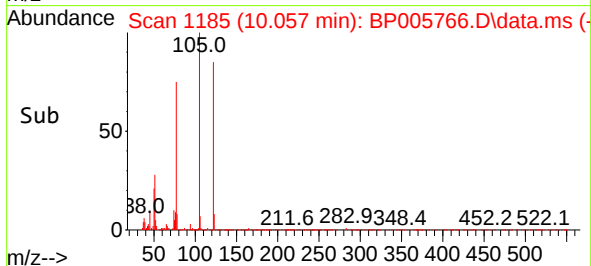
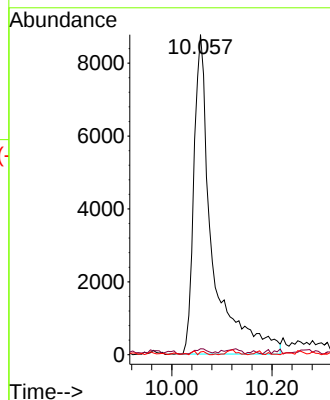
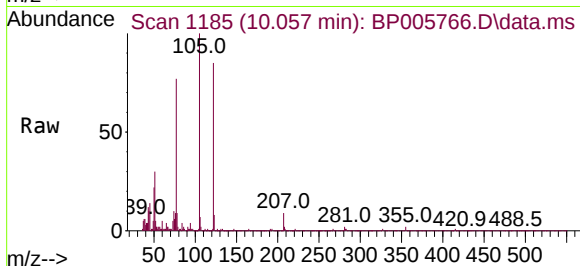
Instrument :

BNA_P

ClientSampleId :

18-B6(0-6)

Tgt Ion:122	Resp:	22332
Ion Ratio	Lower	Upper
122	100	
107	1.9	93.8 140.8#
121	0.9	45.6 68.4#



#32

Benzoic acid

Concen: 9.99 ng

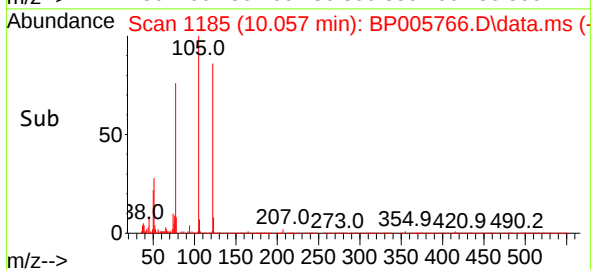
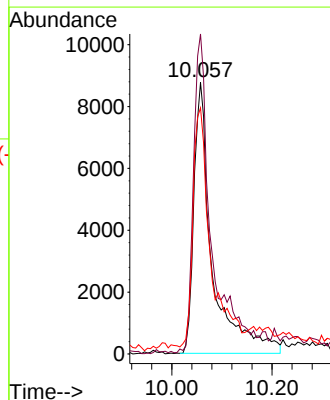
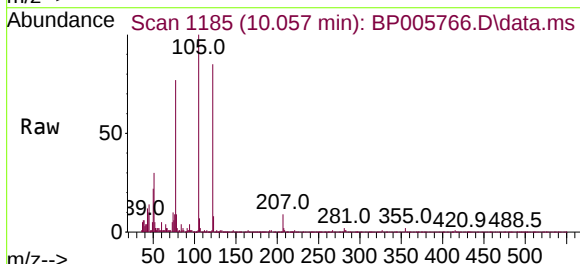
RT: 10.057 min Scan# 1185

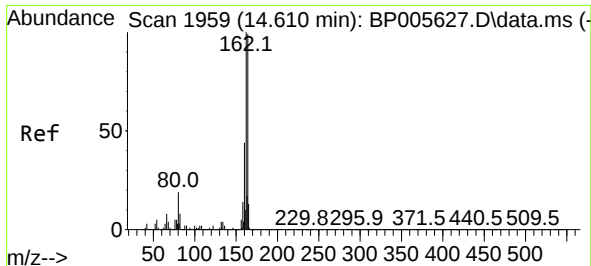
Delta R.T. -0.053 min

Lab File: BP005766.D

Acq: 08 Jun 2021 06:27

Tgt Ion:122	Resp:	22332
Ion Ratio	Lower	Upper
122	100	
105	117.8	105.1 145.1
77	90.6	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: BP005766.D

Acq: 08 Jun 2021 06:27

Tgt Ion:164 Resp: 301607

Ion Ratio Lower Upper

164 100

162 101.3 73.5 110.3

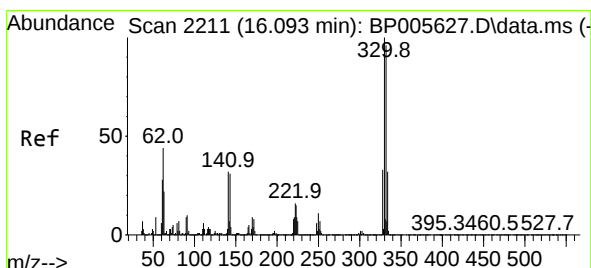
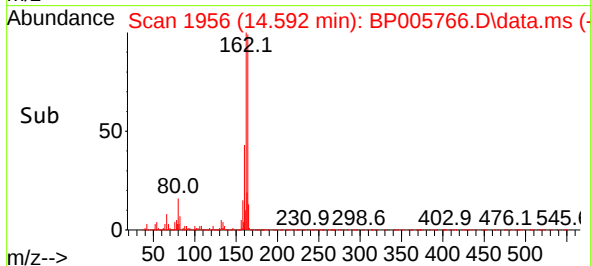
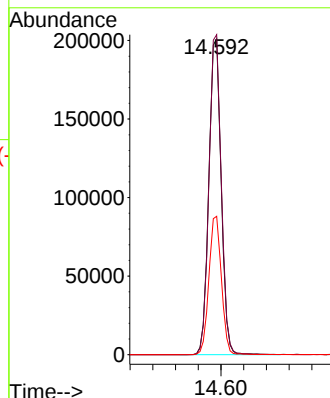
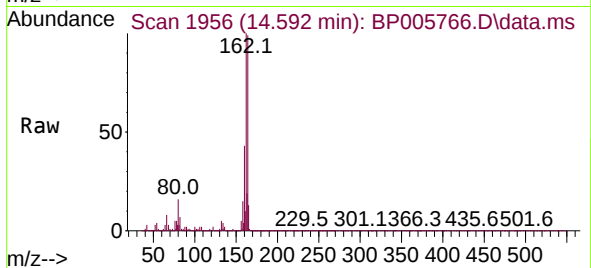
160 43.8 40.6 61.0

Instrument :

BNA_P

ClientSampleId :

18-B6(0-6)



#42

2,4,6-Tribromophenol

Concen: 186.51 ng

RT: 16.075 min Scan# 2208

Delta R.T. -0.018 min

Lab File: BP005766.D

Acq: 08 Jun 2021 06:27

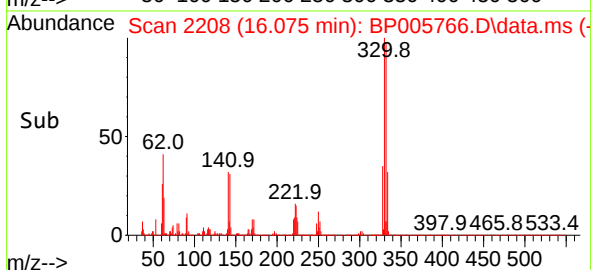
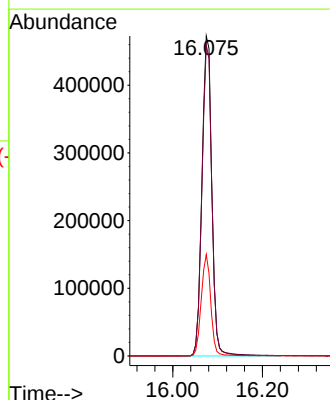
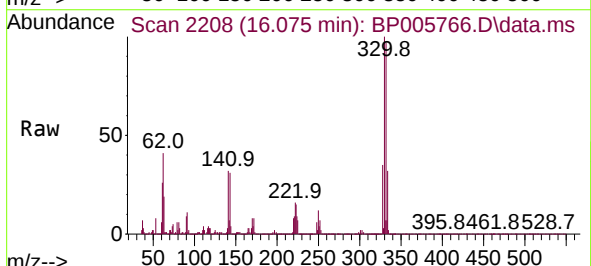
Tgt Ion:330 Resp: 721311

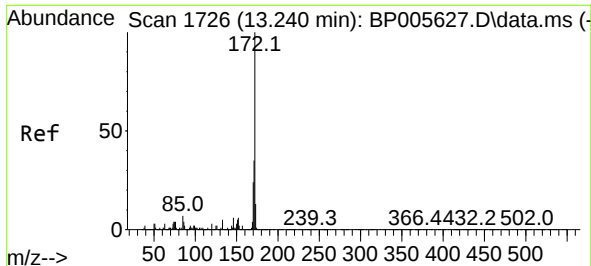
Ion Ratio Lower Upper

330 100

332 97.5 76.3 114.5

141 30.5 22.8 34.2



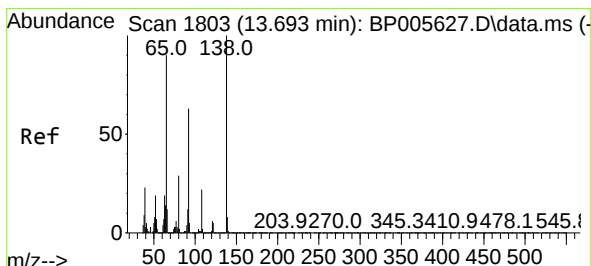
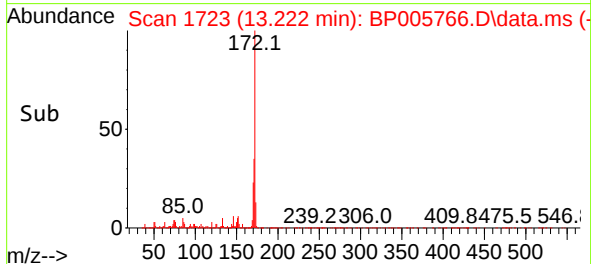
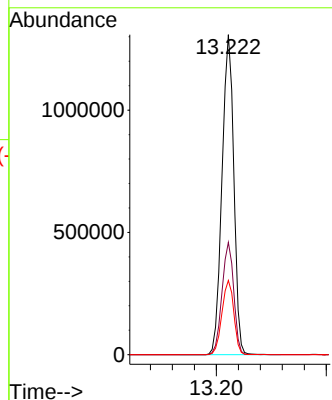
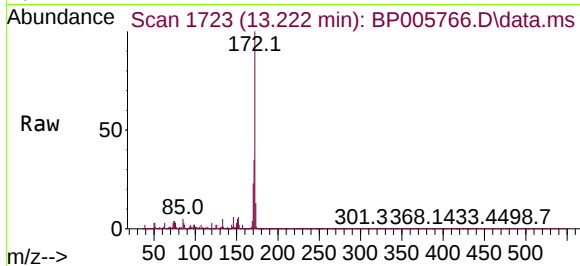


#45
2-Fluorobiphenyl
Concen: 85.39 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Tgt Ion:172 Resp: 1945970

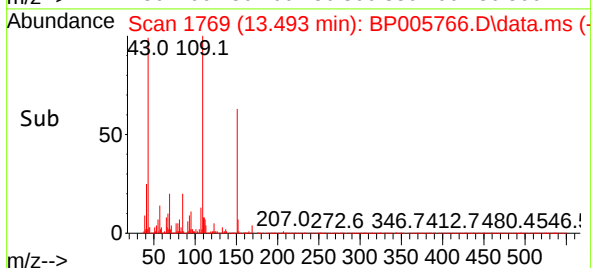
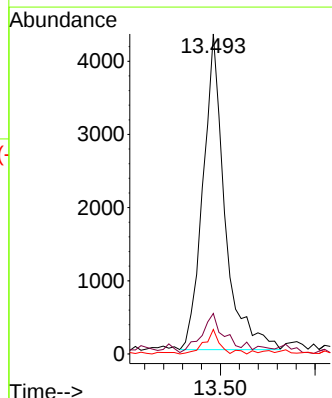
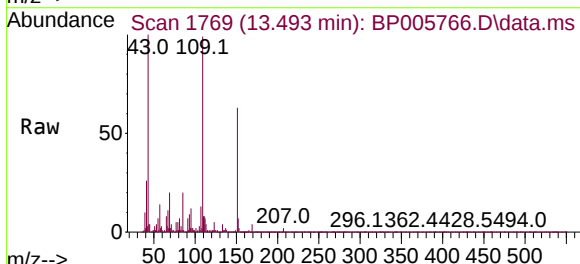
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.2	19.6	29.4

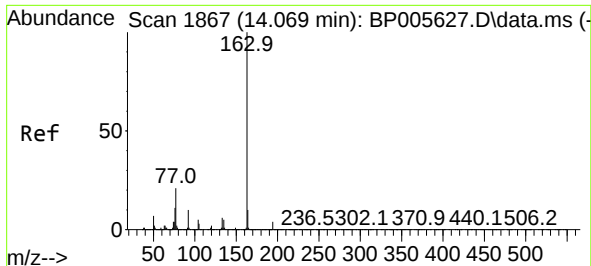


#48
2-Nitroaniline
Concen: 5.81 ng
RT: 13.493 min Scan# 1769
Delta R.T. -0.194 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion: 65 Resp: 6903

Ion	Ratio	Lower	Upper
65	100		
92	12.7	48.8	73.2#
138	7.6	69.5	104.3#

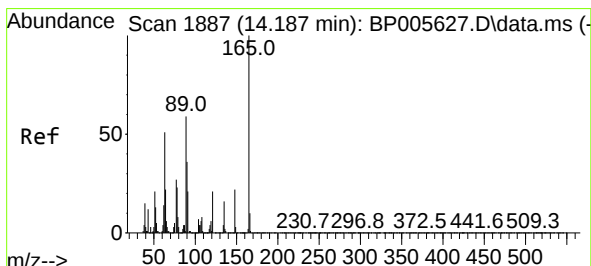
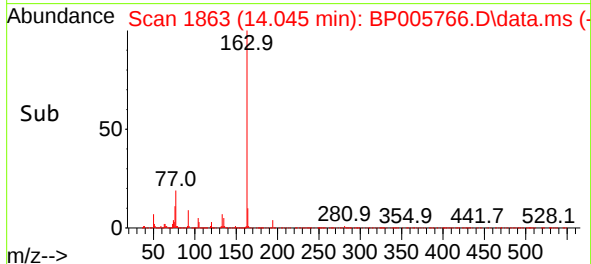
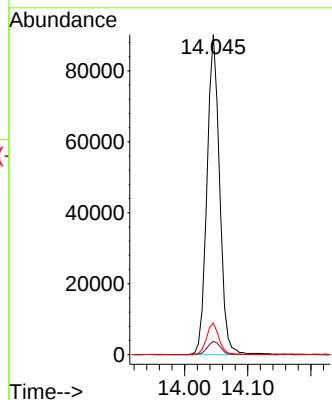
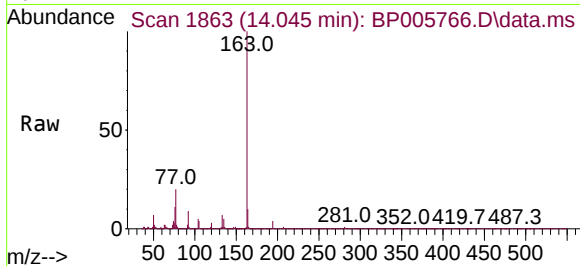




#50
Dimethylphthalate
Concen: 5.23 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

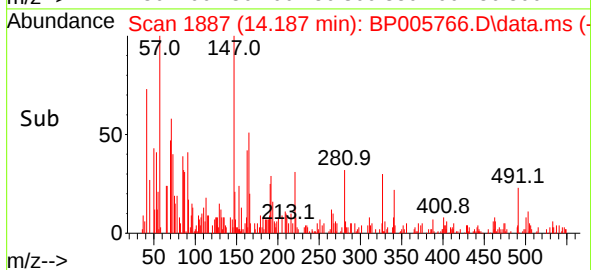
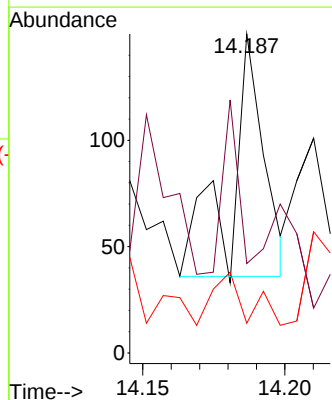
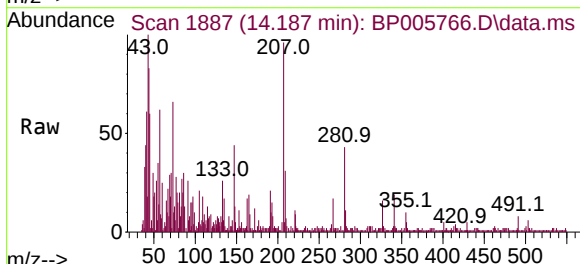
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

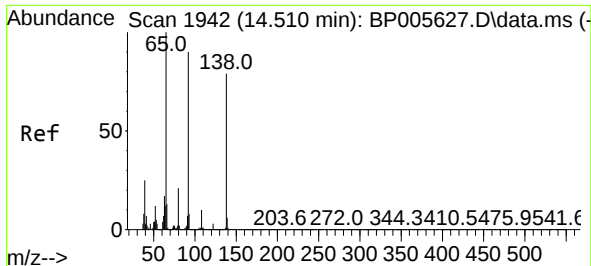
Tgt Ion:163 Resp: 125391
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.187 min Scan# 1887
Delta R.T. 0.006 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:165 Resp: 95
Ion Ratio Lower Upper
165 100
63 28.0 67.4 101.0#
89 9.3 73.8 110.6#

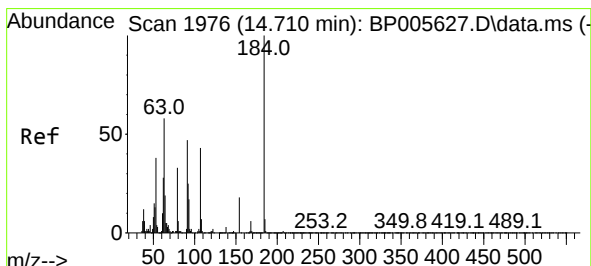
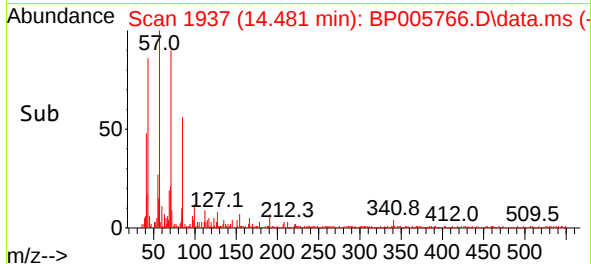
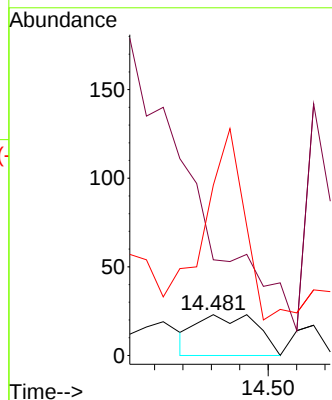
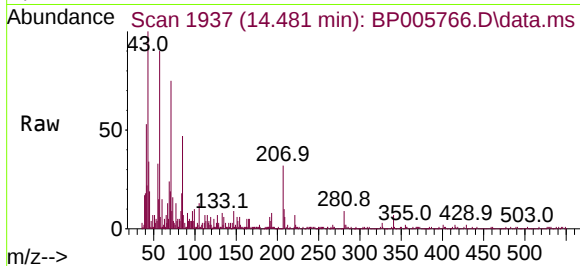




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.024 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

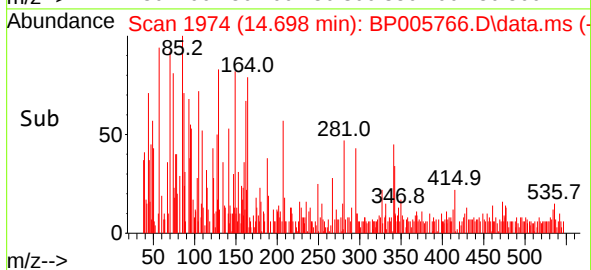
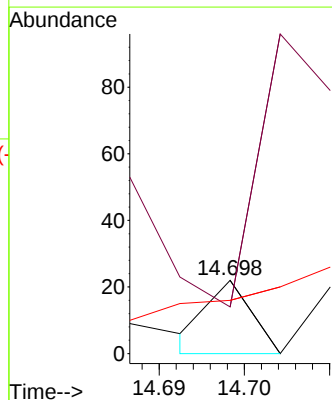
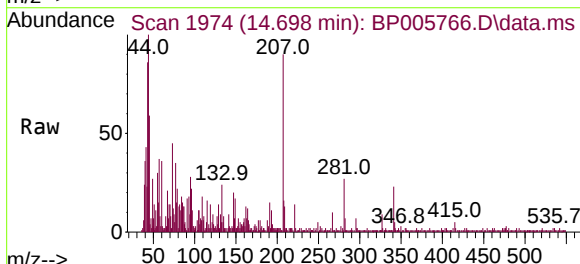
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

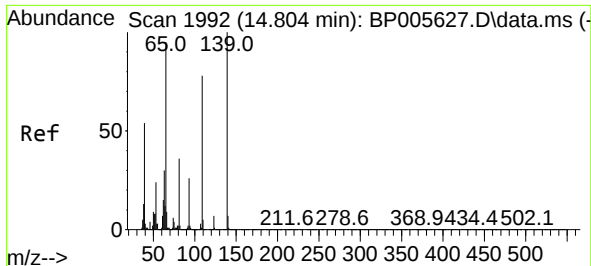
Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
108 234.8 10.2 15.4#
92 417.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 63.6 51.2 76.8
154 72.7 55.8 83.8

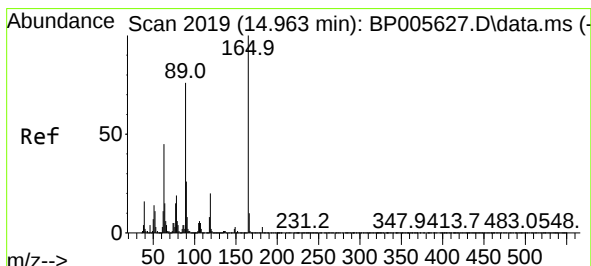
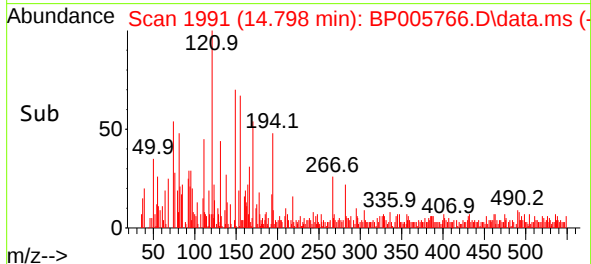
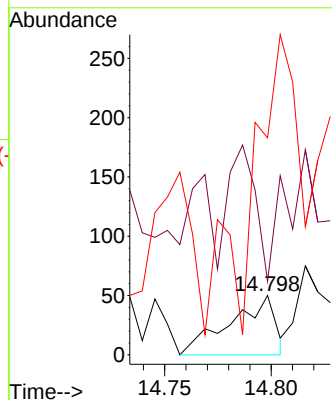
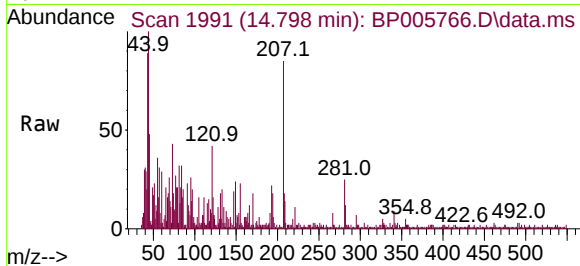




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

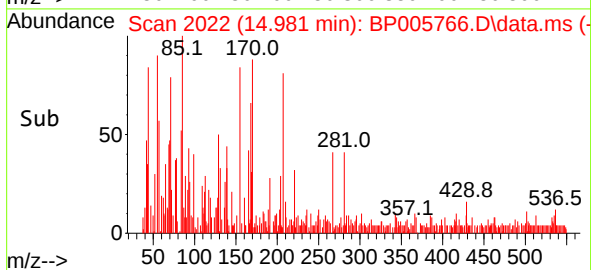
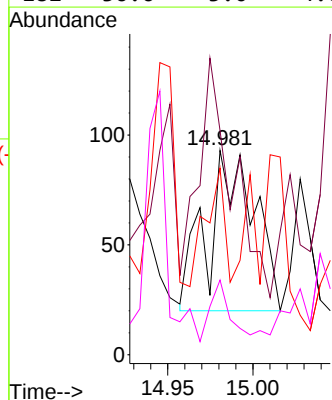
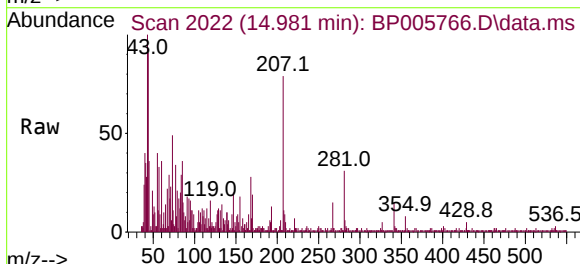
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

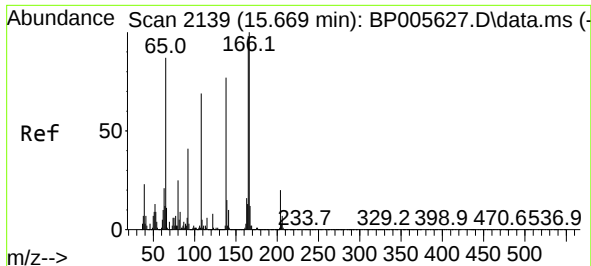
Tgt Ion:	139	Resp:	74
Ion	Ratio	Lower	Upper
139	100		
109	124.0	122.8	162.8
65	366.0	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.981 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:	165	Resp:	141
Ion	Ratio	Lower	Upper
165	100		
63	109.7	56.7	85.1#
89	91.4	85.8	128.6
182	36.6	3.0	4.6#

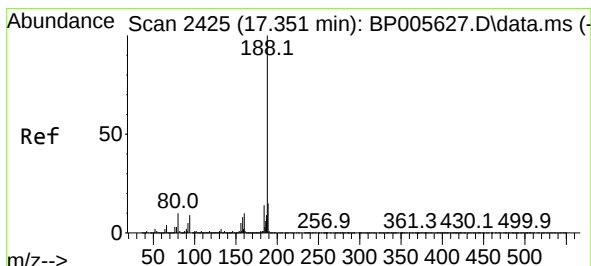
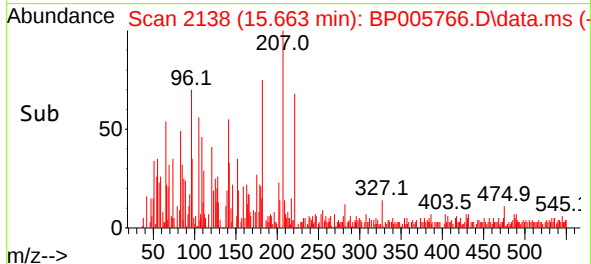
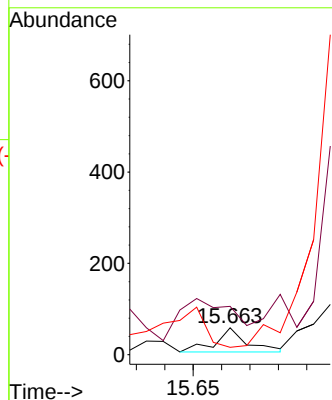
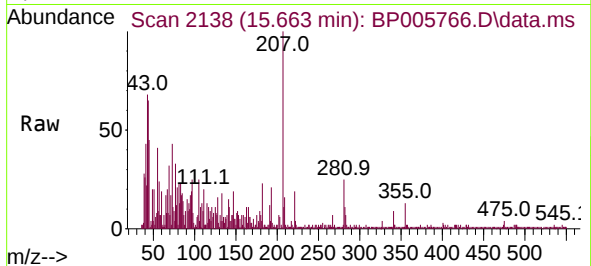




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

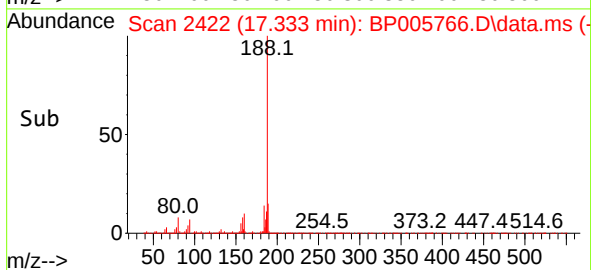
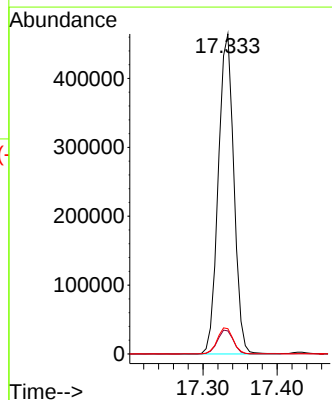
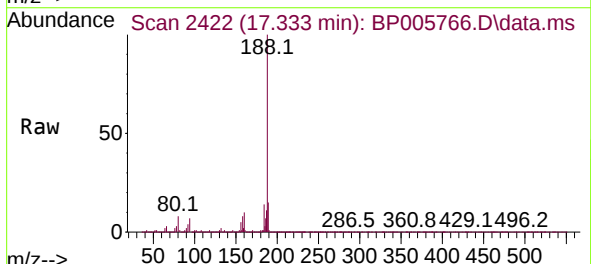
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

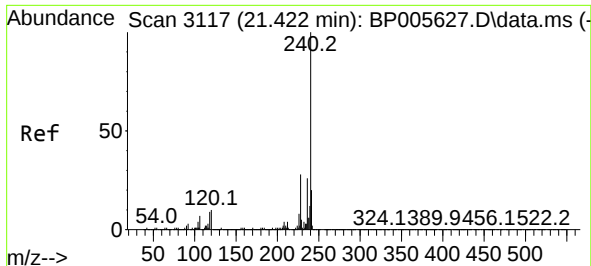
Tgt Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
92 179.7 50.9 90.9#
108 27.1 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:188 Resp: 676333
Ion Ratio Lower Upper
188 100
94 7.2 5.0 7.6
80 7.9 5.9 8.9

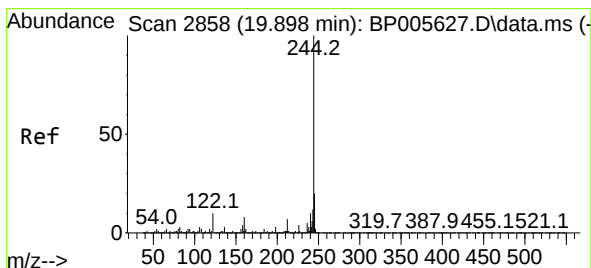
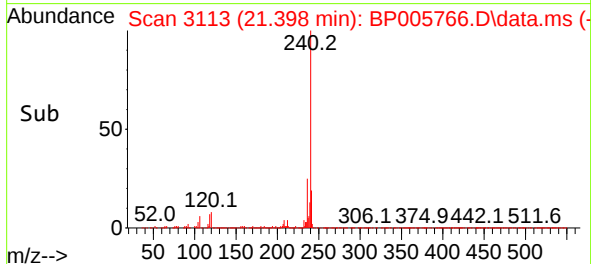
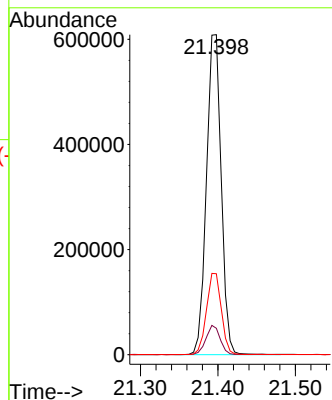
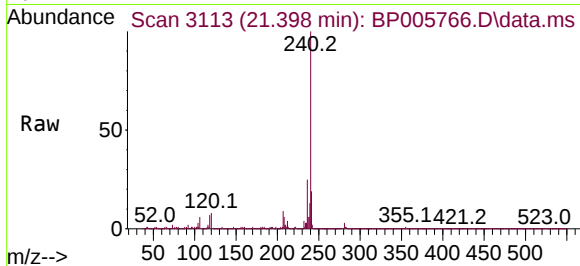




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

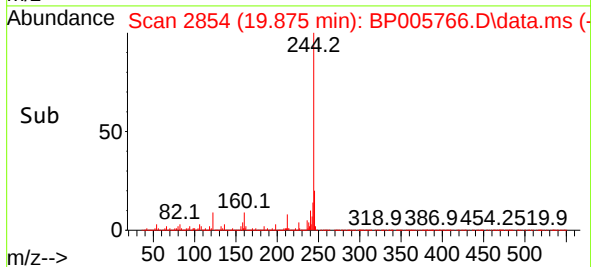
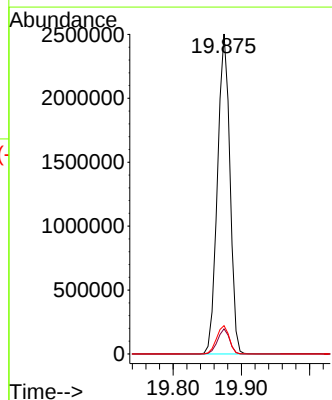
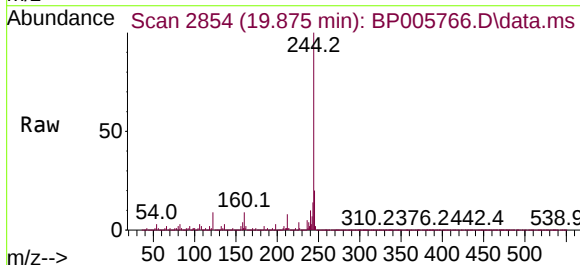
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

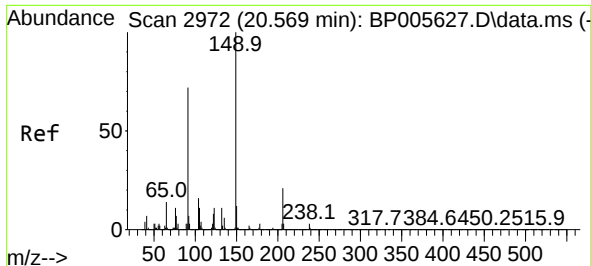
Tgt Ion:240 Resp: 804358
Ion Ratio Lower Upper
240 100
120 8.2 4.2 6.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 74.12 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:244 Resp: 3177056
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 8.9 5.2 7.8#

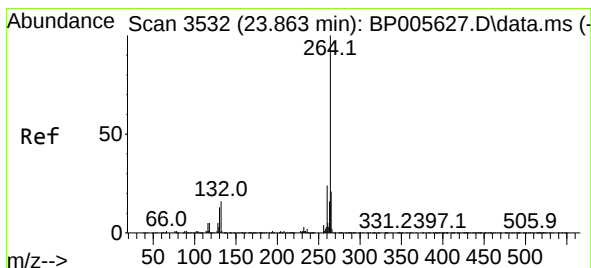
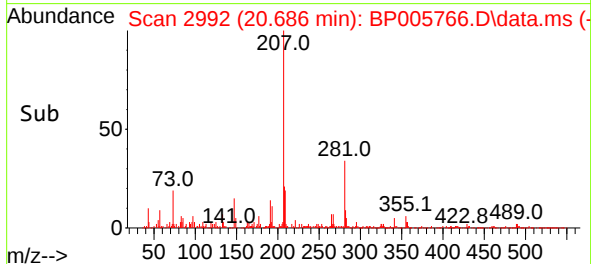
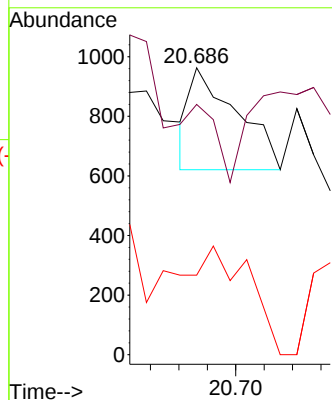
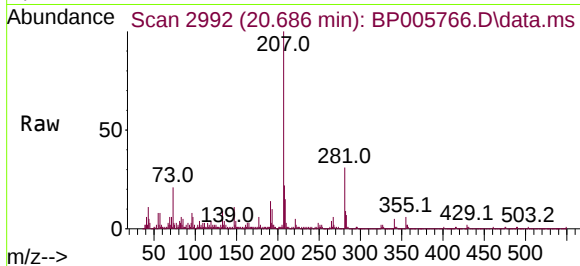




#80
Butylbenzylphthalate
Concen: 4.15 ng
RT: 20.686 min Scan# 2992
Delta R.T. 0.129 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

Tgt Ion:149 Resp: 393
Ion Ratio Lower Upper
149 100
91 87.2 60.2 90.4
206 27.7 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.029 min
Lab File: BP005766.D
Acq: 08 Jun 2021 06:27

Tgt Ion:264 Resp: 832677
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 22.2 19.0 28.6

