

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005752.D
 Acq On : 07 Jun 2021 20:40
 Operator : CG/JU
 Sample : M2580-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B4(2-4)

Quant Time: Jun 08 01:16:26 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)

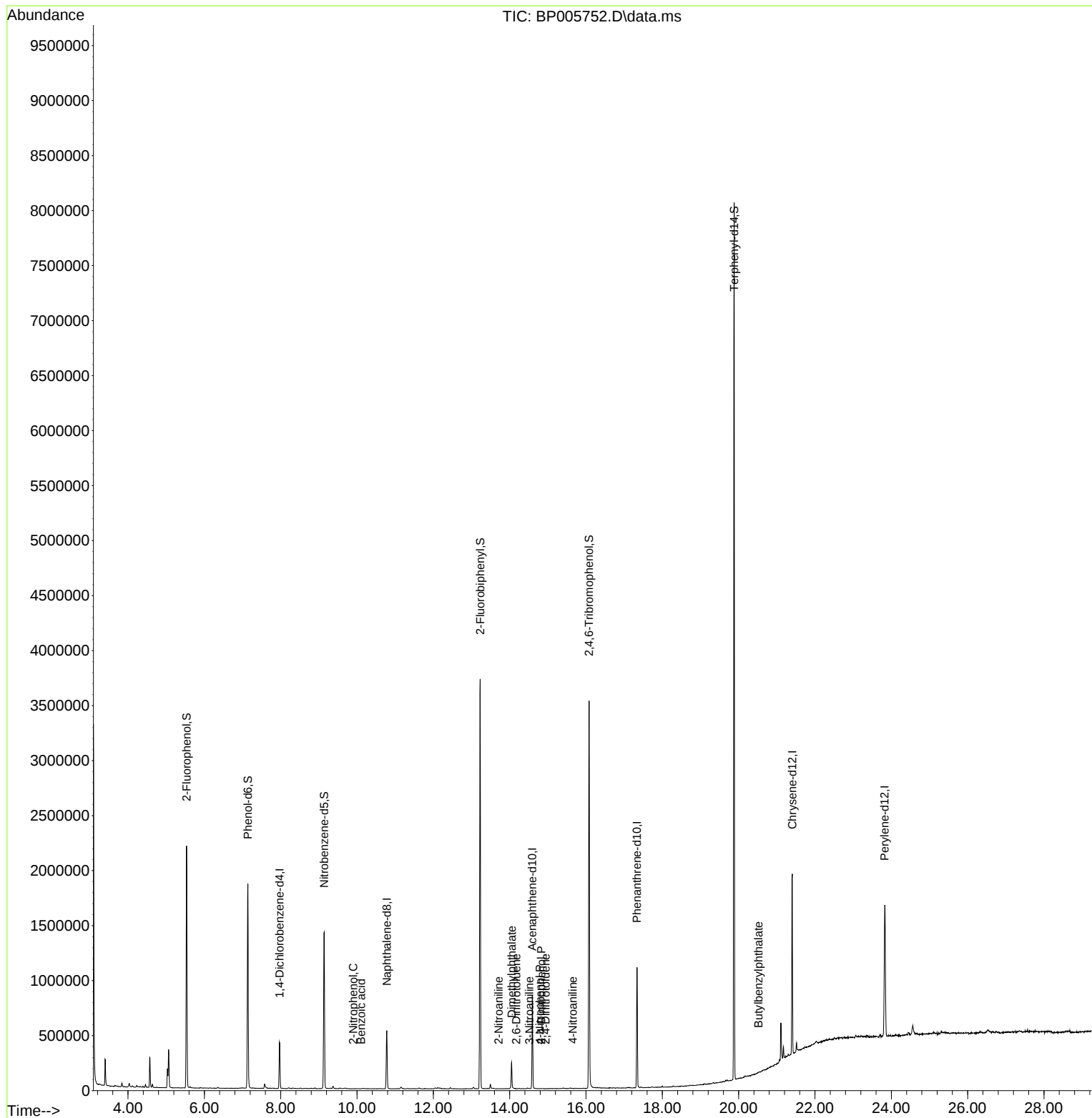
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	113352	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	438550	20.00	ng	0.00
39) Acenaphthene-d10	14.592	164	293243	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	669045	20.00	ng	#-0.01
76) Chrysene-d12	21.404	240	830797	20.00	ng	#-0.01
86) Perylene-d12	23.827	264	966077	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	931407	127.75	ng	0.00
7) Phenol-d6	7.140	99	1028442	103.47	ng	0.00
23) Nitrobenzene-d5	9.140	82	838045	106.27	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	737204	196.05	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	1916684	86.50	ng	0.00
79) Terphenyl-d14	19.880	244	3670086	82.89	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.904	139	47	4.17	ng	# 6
32) Benzoic acid	10.110	122	76	5.03	ng	# 1
48) 2-Nitroaniline	13.710	65	309	4.55	ng	# 44
50) Dimethylphthalate	14.051	163	156011	6.69	ng	99
51) 2,6-Dinitrotoluene	14.175	165	119	5.08	ng	# 43
53) 3-Nitroaniline	14.516	138	38	3.66	ng	# 39
54) 2,4-Dinitrophenol	14.833	184	14	6.53	ng	91
56) 4-Nitrophenol	14.792	139	82	3.76	ng	# 69
57) 2,4-Dinitrotoluene	14.939	165	29	4.26	ng	# 1
62) 4-Nitroaniline	15.657	138	24	3.63	ng	# 50
80) Butylbenzylphthalate	20.521	149	163	4.14	ng	96

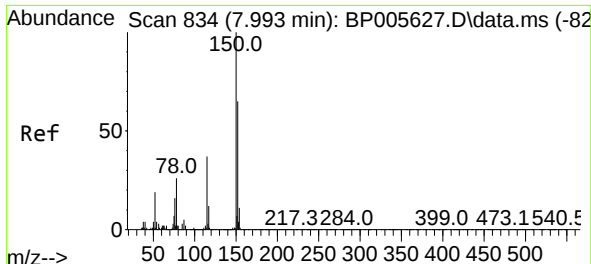
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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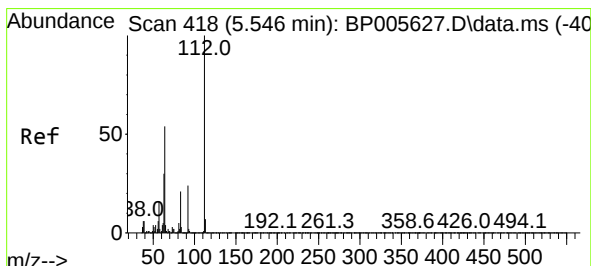
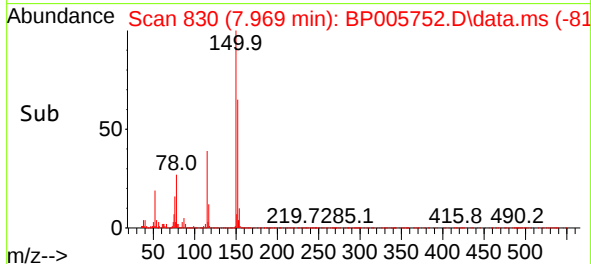
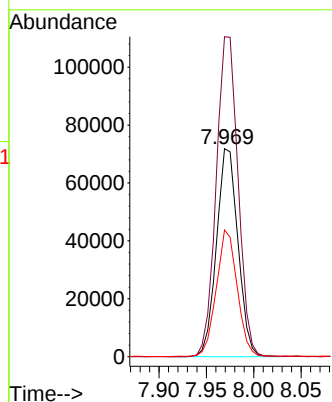
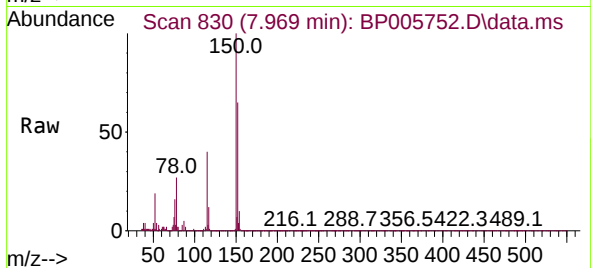




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

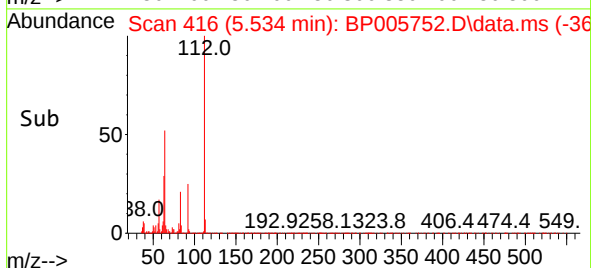
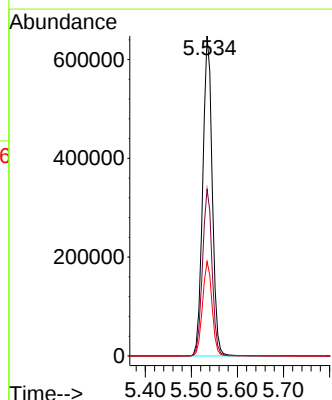
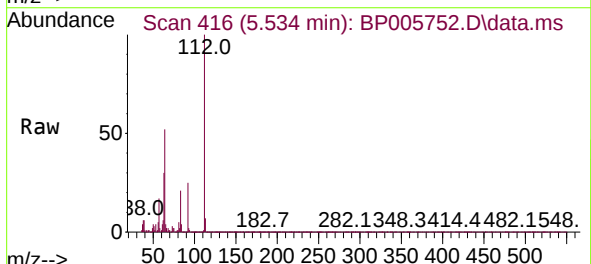
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

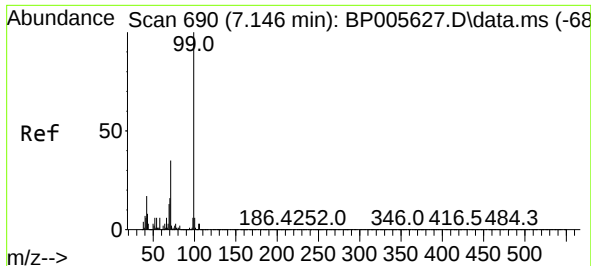
Tgt Ion:152 Resp: 113352
Ion Ratio Lower Upper
152 100
150 153.8 119.8 179.8
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 127.75 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:112 Resp: 931407
Ion Ratio Lower Upper
112 100
64 52.1 33.6 50.4#
63 29.5 18.6 27.8#



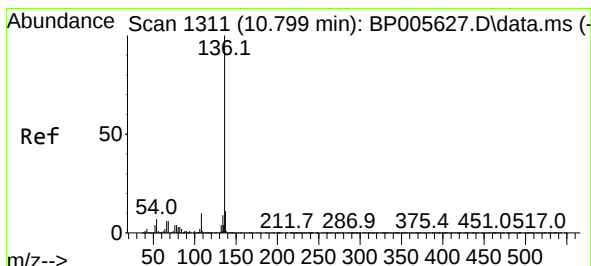
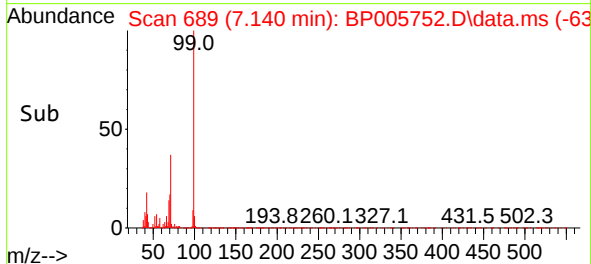
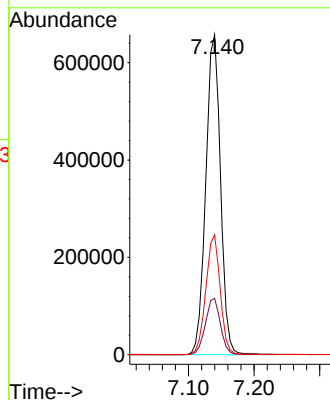
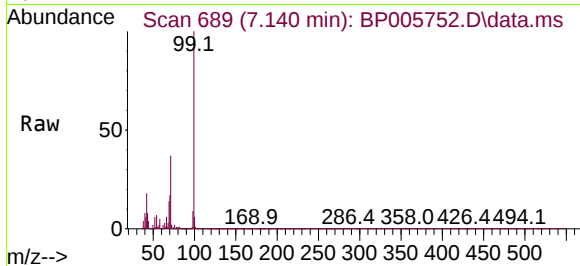


#7
Phenol-d6
Concen: 103.47 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

Tgt Ion: 99 Resp: 1028442

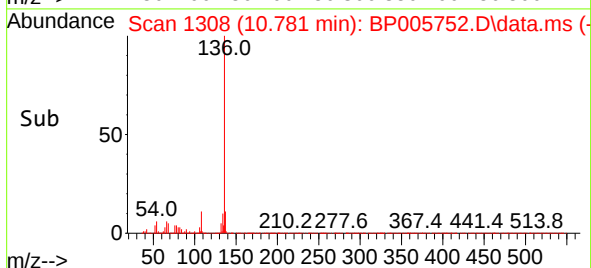
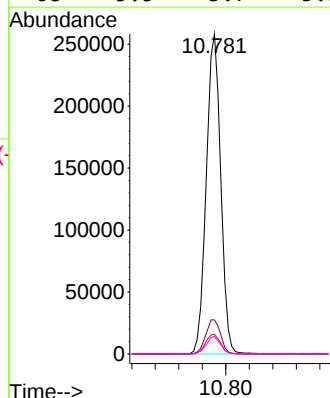
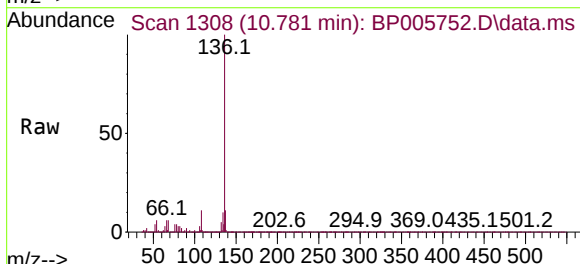
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	37.4	26.7	40.1

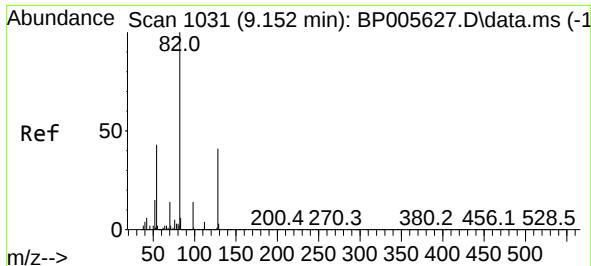


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion: 136 Resp: 438550

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	5.0	7.4
68	5.5	3.7	5.5

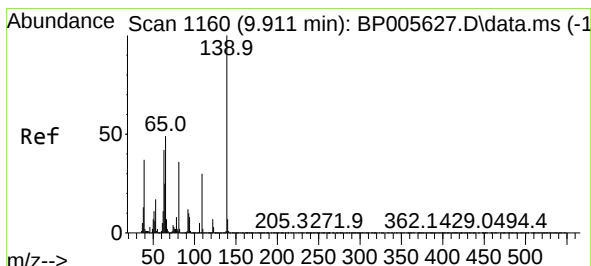
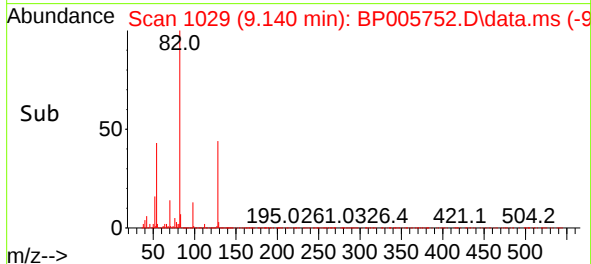
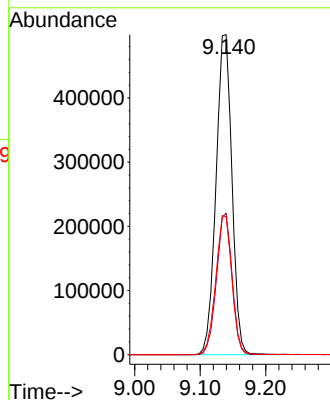
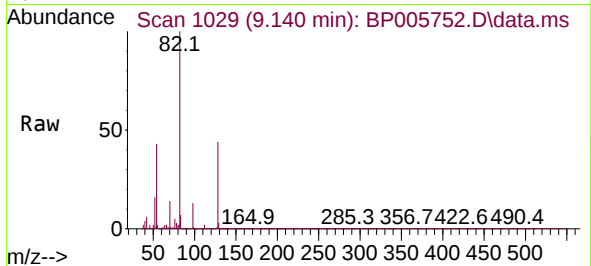




#23
Nitrobenzene-d5
Concen: 106.27 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

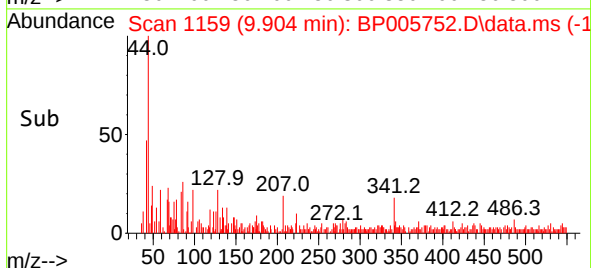
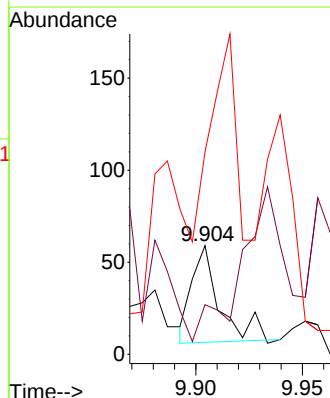
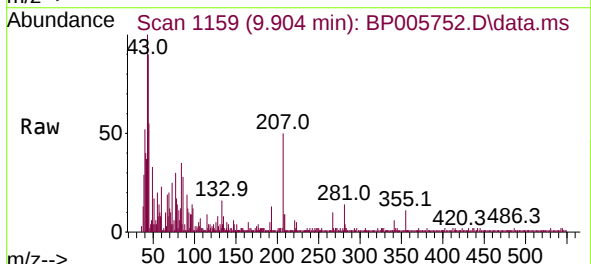
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

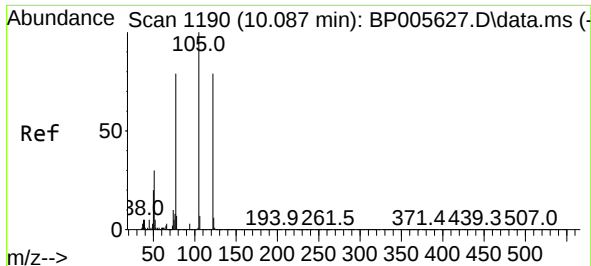
Tgt Ion:	82	Resp:	838045
Ion	Ratio	Lower	Upper
82	100		
128	44.2	30.5	45.7
54	43.1	33.9	50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:	139	Resp:	47
Ion	Ratio	Lower	Upper
139	100		
109	45.8	40.7	61.1
65	186.4	47.8	71.6#

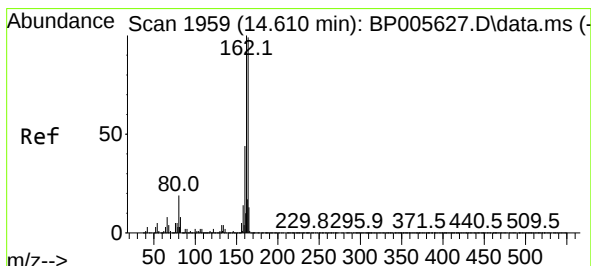
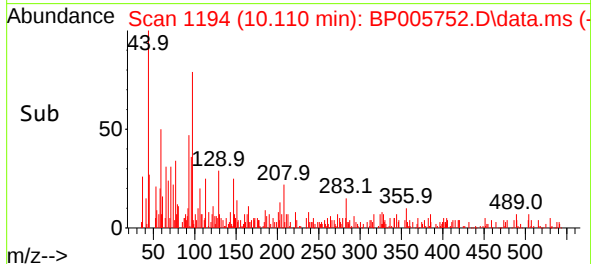
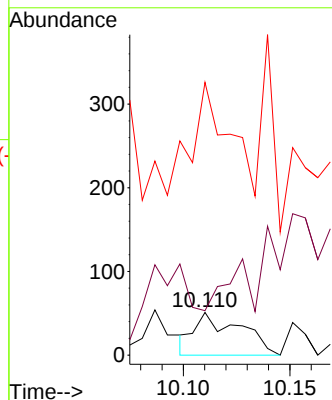
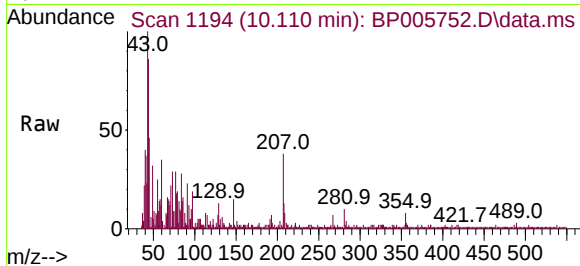




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

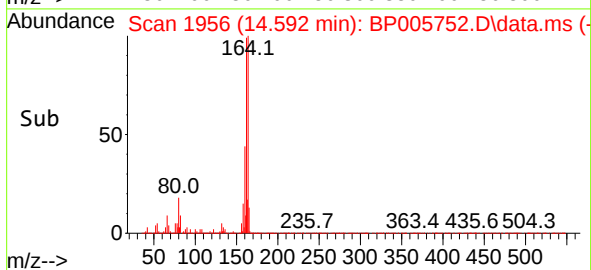
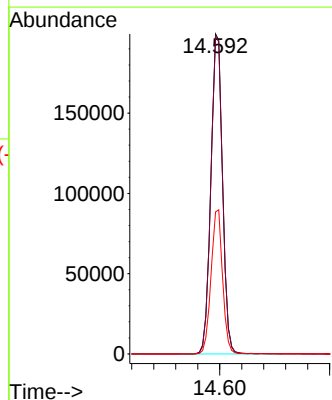
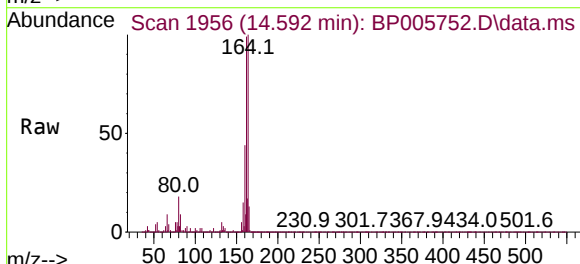
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

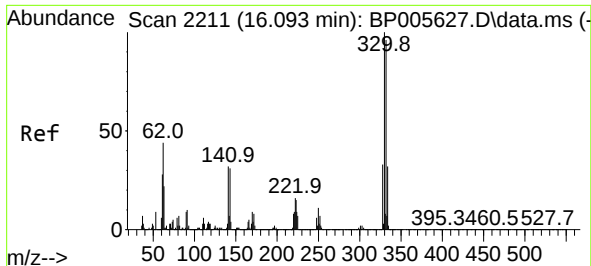
Tgt Ion:	122	Resp:	76
Ion	Ratio	Lower	Upper
122	100		
105	121.6	105.1	145.1
77	639.2	69.6	109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:	164	Resp:	293243
Ion	Ratio	Lower	Upper
164	100		
162	99.4	73.5	110.3
160	44.4	40.6	61.0

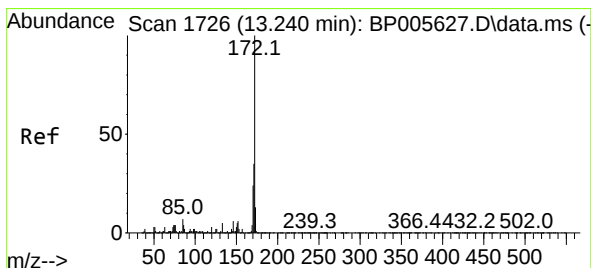
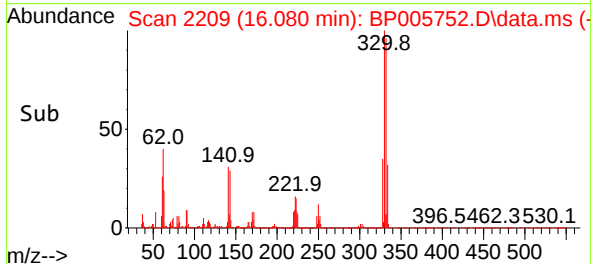
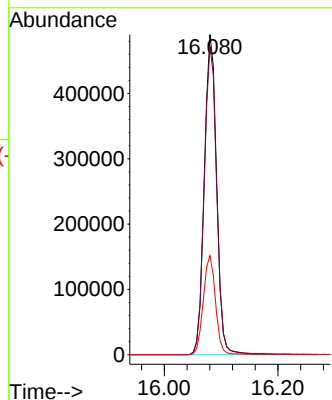
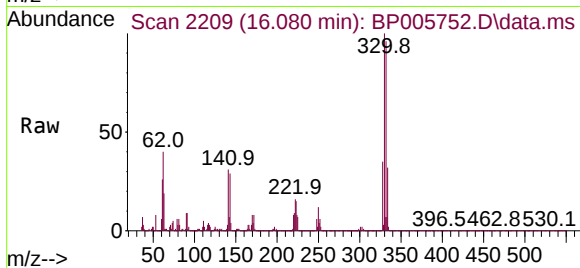




#42
2,4,6-Tribromophenol
Concen: 196.05 ng
RT: 16.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

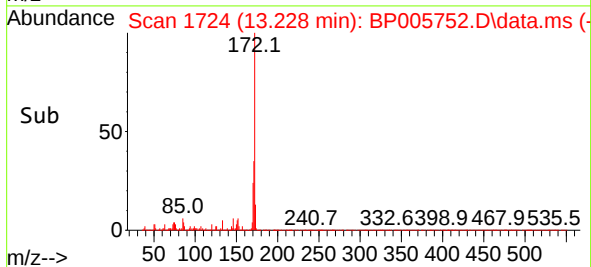
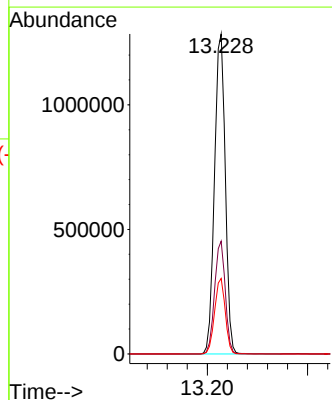
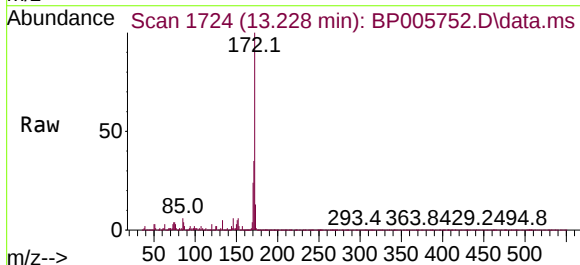
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

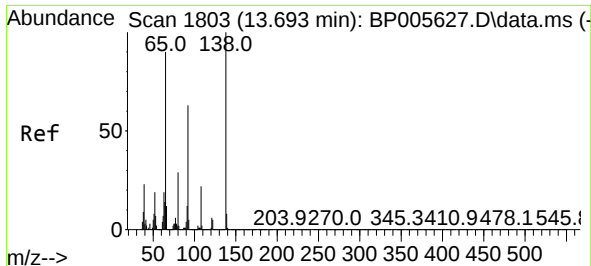
Tgt Ion:330 Resp: 737204
Ion Ratio Lower Upper
330 100
332 97.2 76.3 114.5
141 30.7 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 86.50 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:172 Resp: 1916684
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.6 29.4

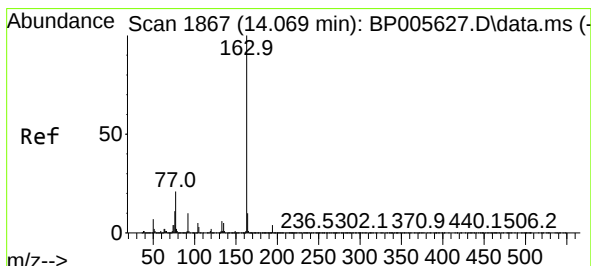
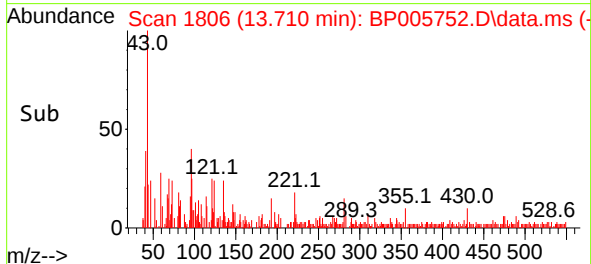
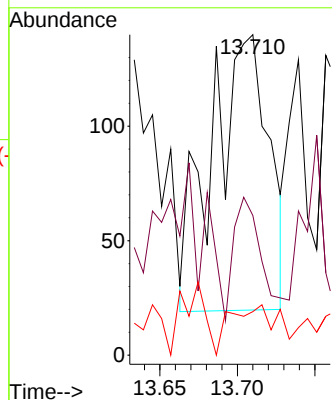
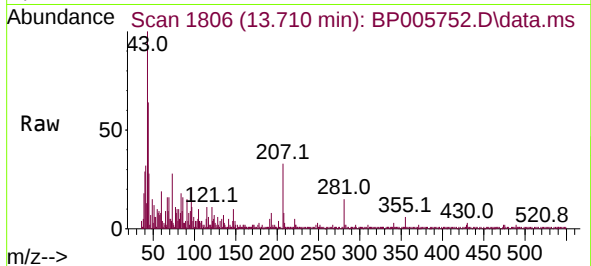




#48
2-Nitroaniline
Concen: 4.55 ng
RT: 13.710 min Scan# 1806
Delta R.T. 0.023 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

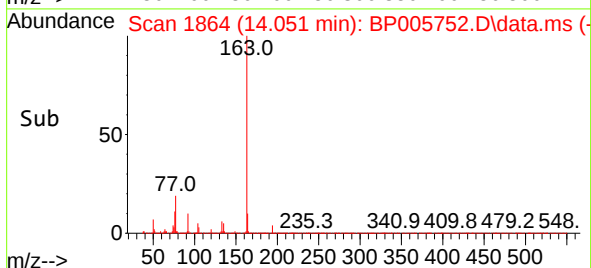
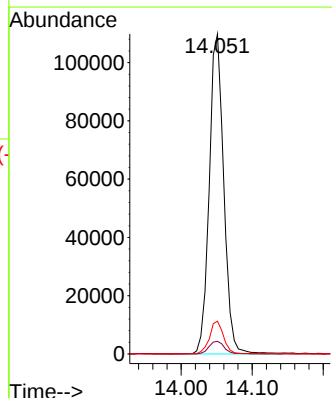
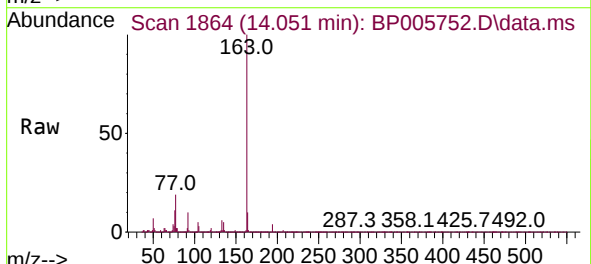
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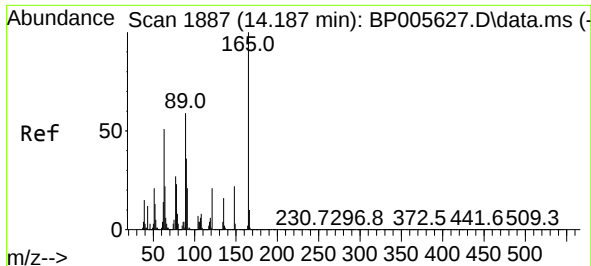
Tgt Ion: 65 Resp: 309
Ion Ratio Lower Upper
65 100
92 43.6 48.8 73.2#
138 13.6 69.5 104.3#



#50
Dimethylphthalate
Concen: 6.69 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion: 163 Resp: 156011
Ion Ratio Lower Upper
163 100
194 4.0 3.9 5.9
164 10.2 8.1 12.1

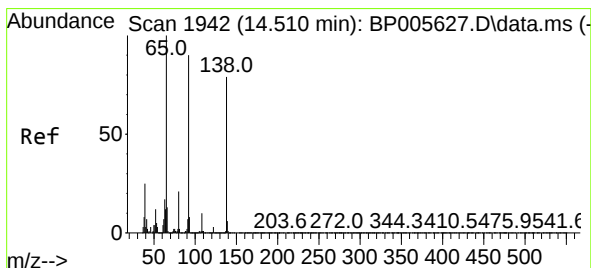
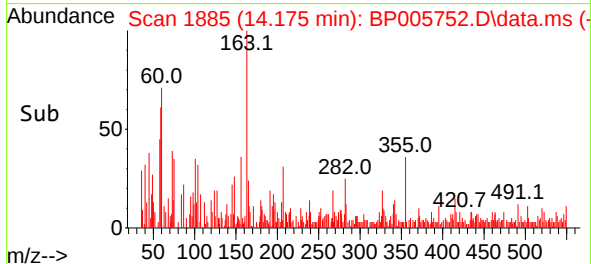
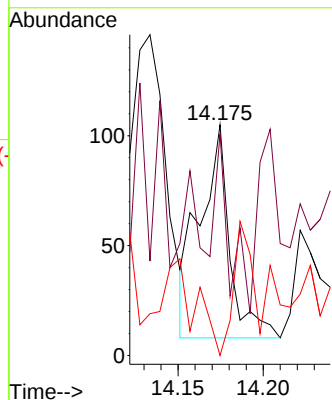
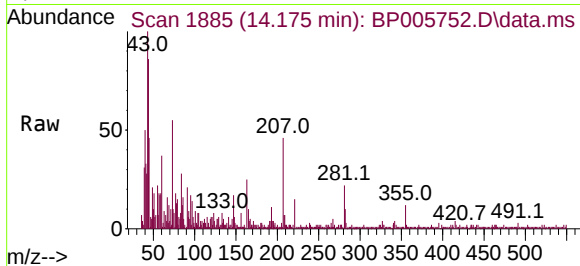




#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

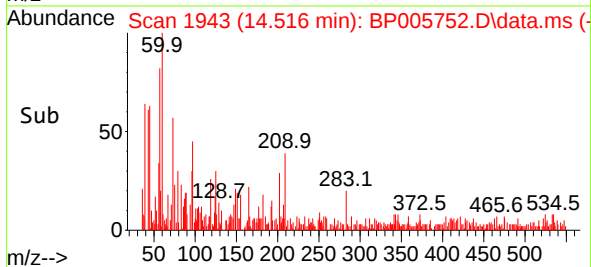
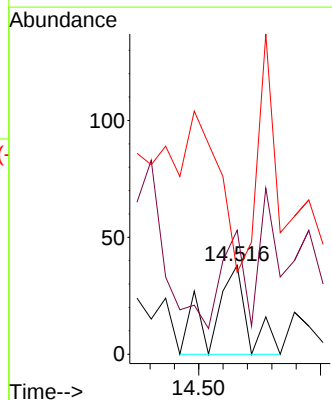
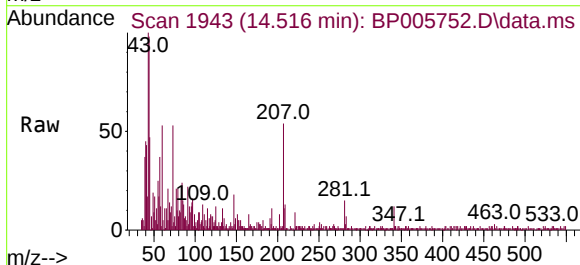
Instrument :
BNA_P
ClientSampled :
18-B4(2-4)

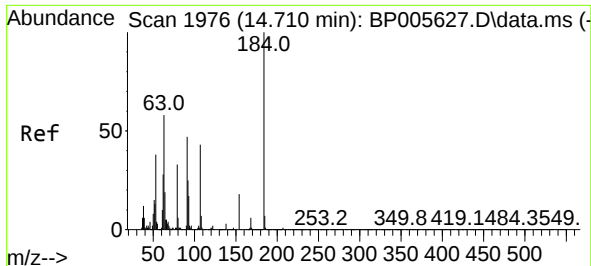
Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 96.2 67.4 101.0
89 0.0 73.8 110.6#



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:138 Resp: 38
Ion Ratio Lower Upper
138 100
108 139.5 10.2 15.4#
92 92.1 108.1 162.1#

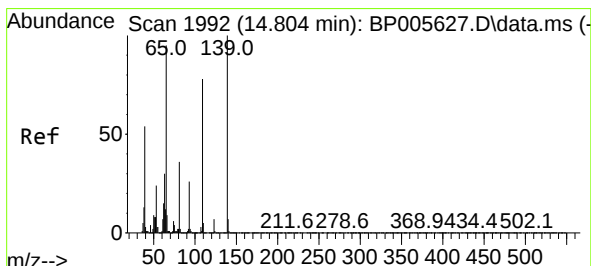
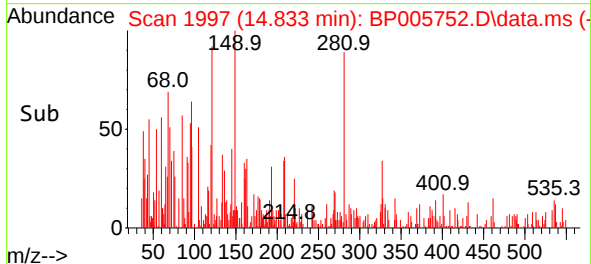
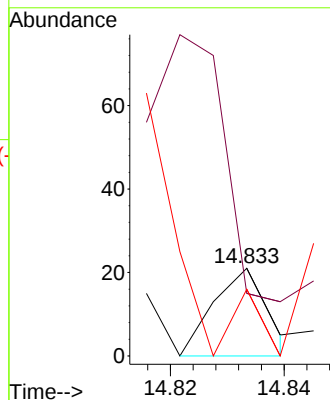
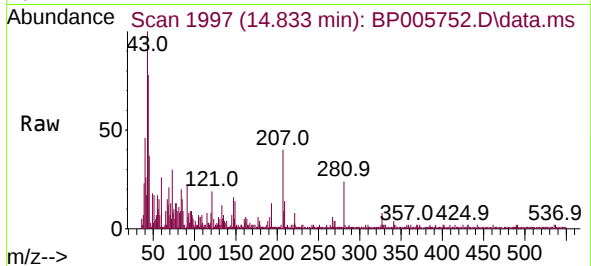




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.833 min Scan# 1997
Delta R.T. 0.112 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

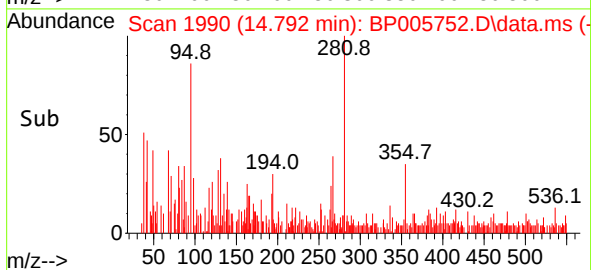
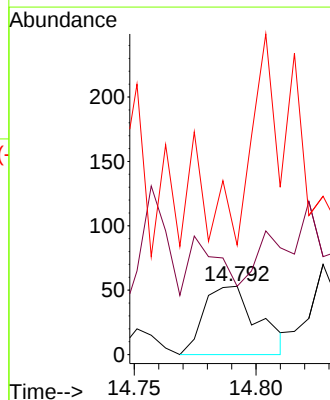
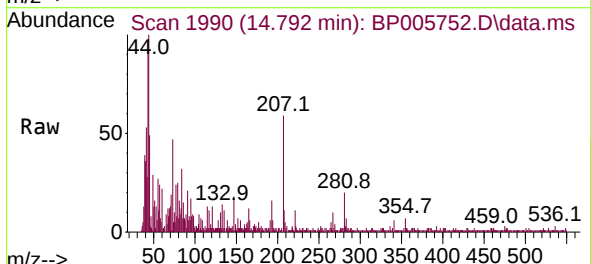
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

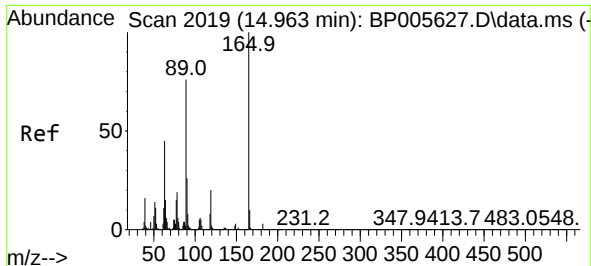
Tgt Ion:184	Resp:	14	
Ion	Ratio	Lower	Upper
184	100		
63	71.4	51.2	76.8
154	76.2	55.8	83.8



#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.024 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:139	Resp:	82	
Ion	Ratio	Lower	Upper
139	100		
109	100.0	122.8	162.8#
65	160.4	110.0	150.0#

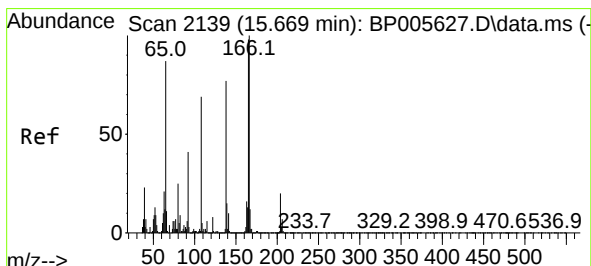
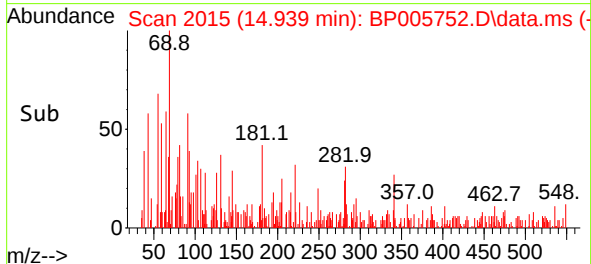
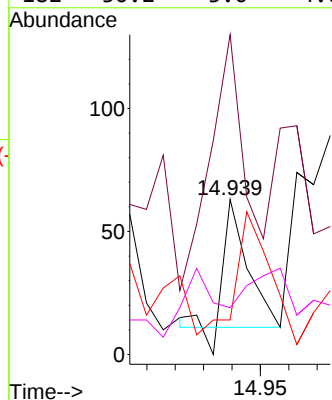
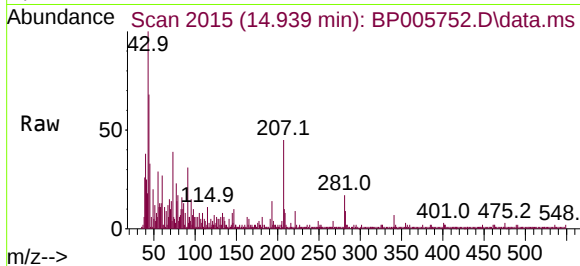




#57
2,4-Dinitrotoluene
Concen: 4.26 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.030 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

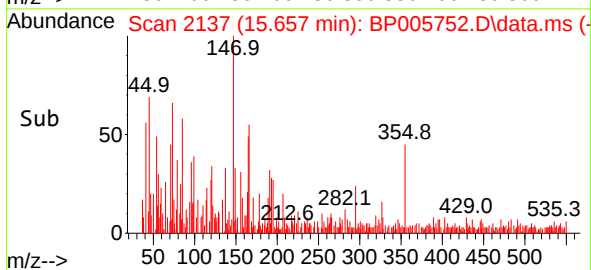
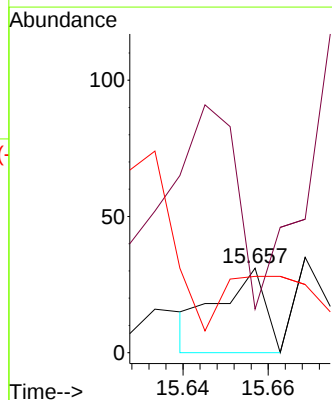
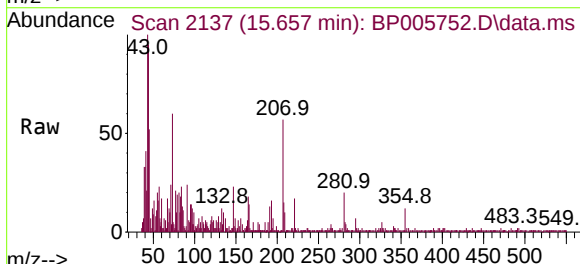
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

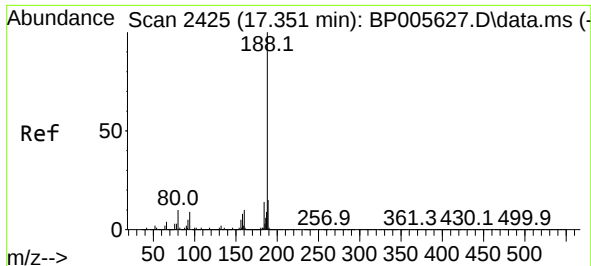
Tgt Ion:	165	Resp:	29
Ion Ratio	Lower	Upper	
165	100		
63	206.3	56.7	85.1#
89	22.2	85.8	128.6#
182	30.2	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:	138	Resp:	24
Ion Ratio	Lower	Upper	
138	100		
92	51.6	50.9	90.9
108	90.3	154.7	194.7#

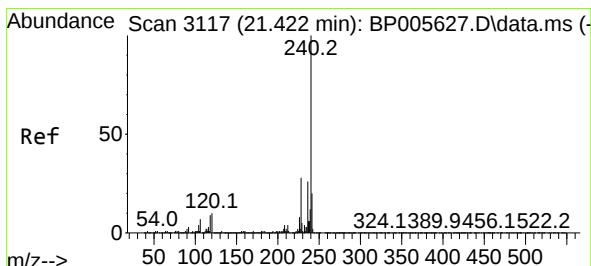
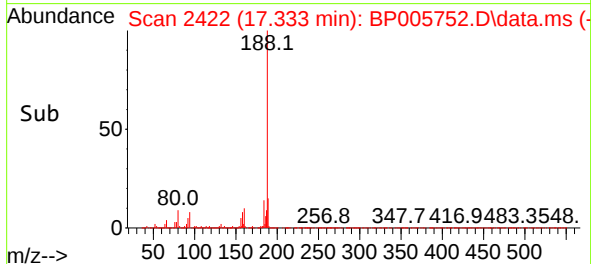
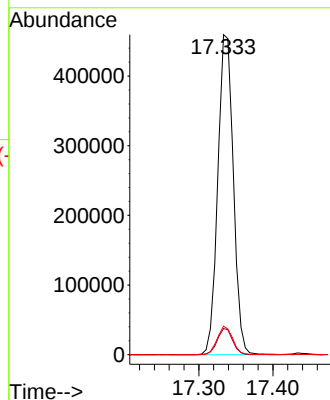
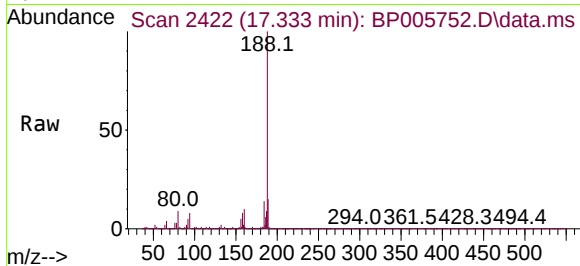




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

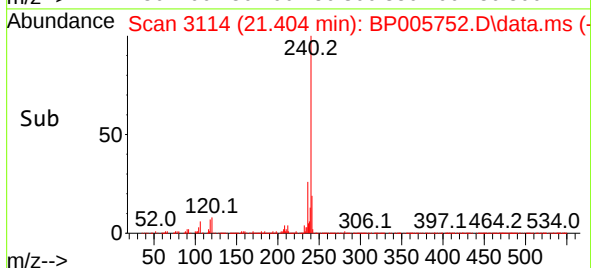
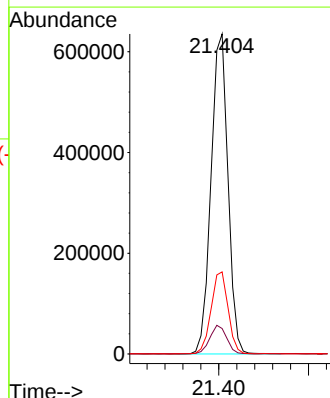
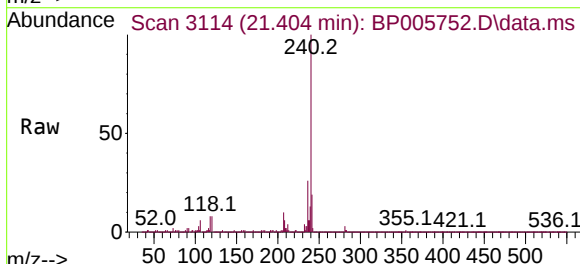
Instrument :
BNA_P
ClientSampleId :
18-B4(2-4)

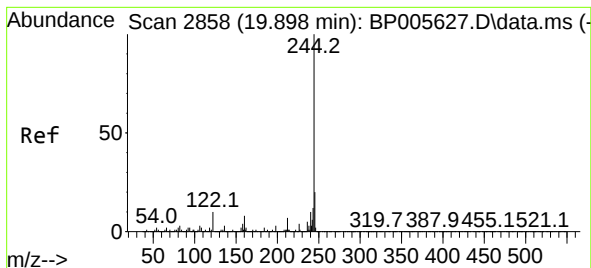
Tgt Ion:188 Resp: 669045
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 8.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005752.D
Acq: 07 Jun 2021 20:40

Tgt Ion:240 Resp: 830797
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 82.89 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005752.D

Acq: 07 Jun 2021 20:40

Instrument :

BNA_P

ClientSampleId :

18-B4(2-4)

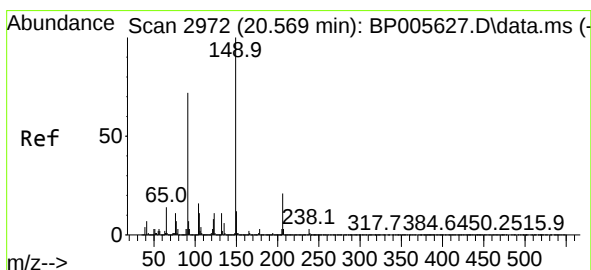
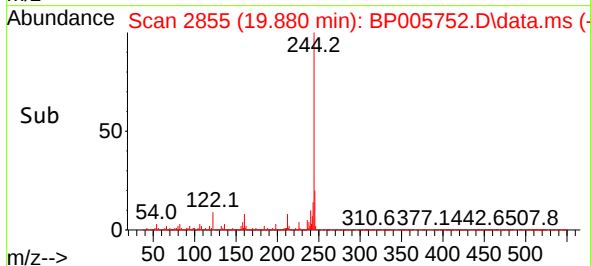
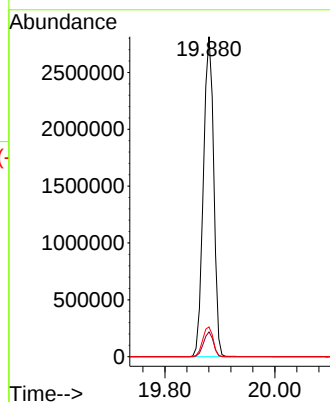
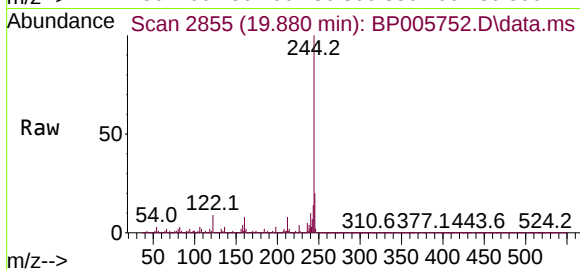
Tgt Ion:244 Resp: 3670086

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.3 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.14 ng

RT: 20.521 min Scan# 2964

Delta R.T. -0.036 min

Lab File: BP005752.D

Acq: 07 Jun 2021 20:40

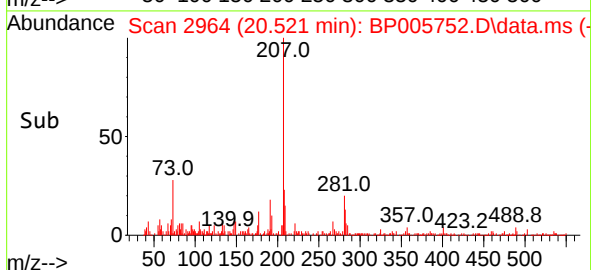
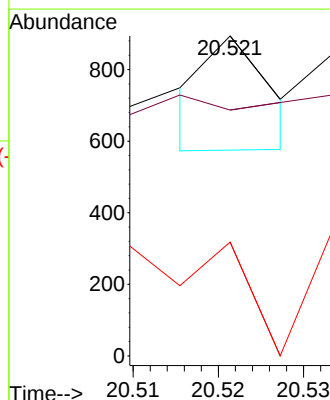
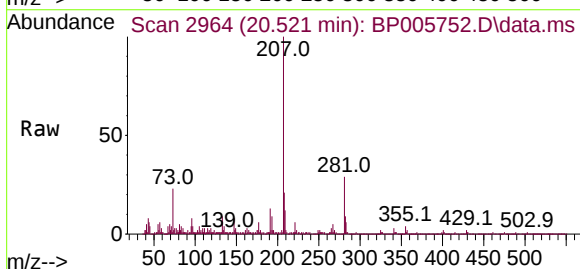
Tgt Ion:149 Resp: 163

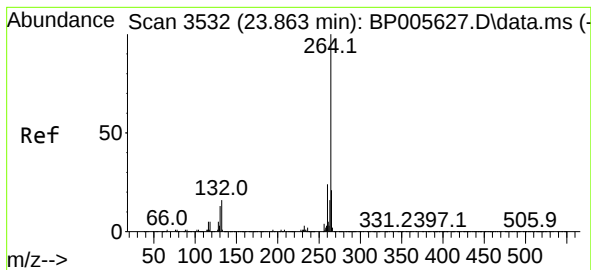
Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.4

206 35.6 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: BP005752.D
 Acq: 07 Jun 2021 20:40

Instrument :
 BNA_P
 ClientSampleId :
 18-B4(2-4)

Tgt Ion:	264	Resp:	966077
Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.6	30.8
265	22.0	19.0	28.6

