

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005767.D
 Acq On : 08 Jun 2021 07:01
 Operator : CG/JU
 Sample : M2580-34
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B6(6-12)

Quant Time: Jun 08 08:06:17 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)

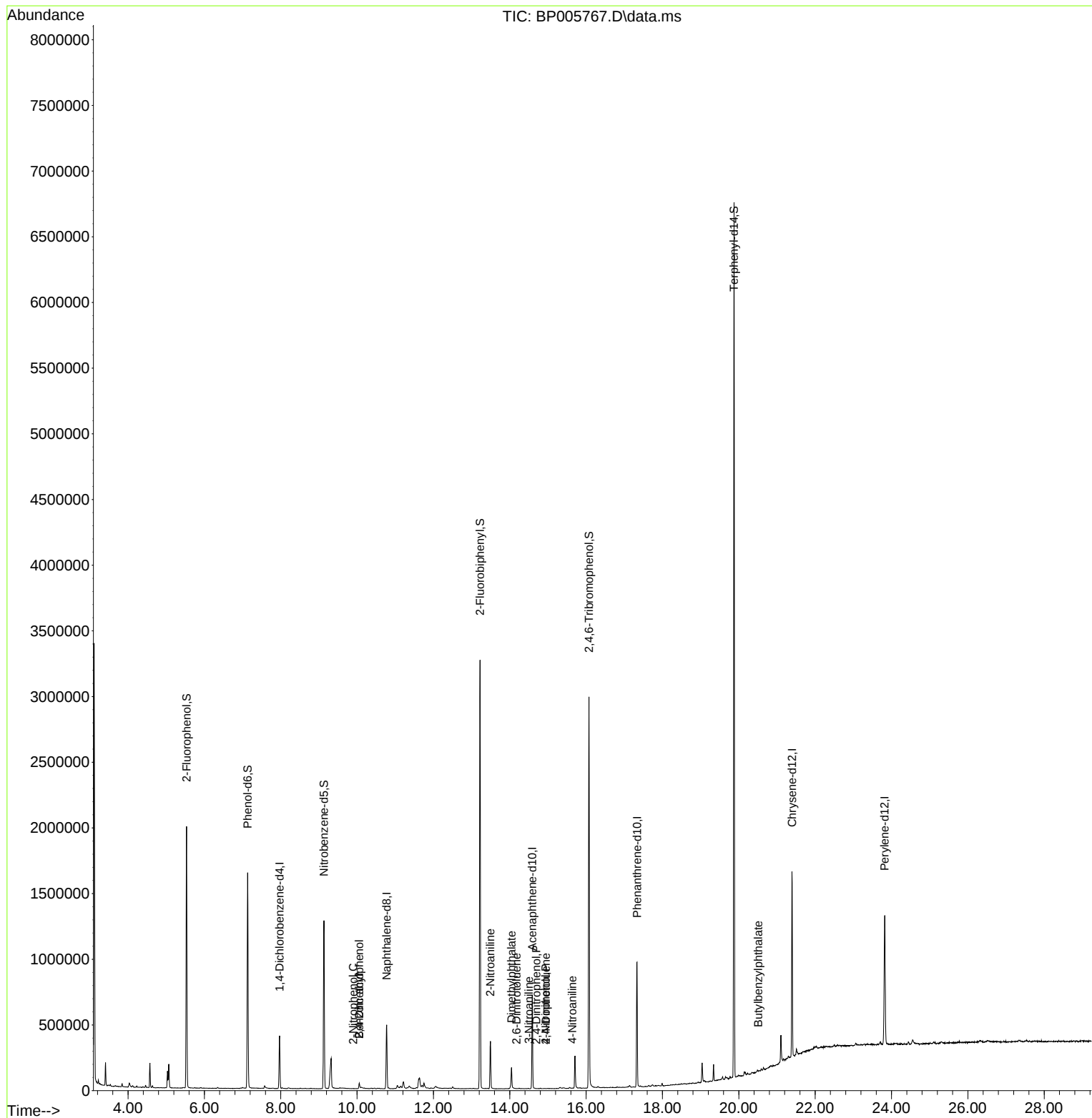
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	106777	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	406428	20.00	ng	-0.01
39) Acenaphthene-d10	14.587	164	255658	20.00	ng	-0.02
64) Phenanthrene-d10	17.333	188	580957	20.00	ng	-0.01
76) Chrysene-d12	21.392	240	707632	20.00	ng	#-0.02
86) Perylene-d12	23.821	264	776090	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	842527	122.68	ng	0.00
7) Phenol-d6	7.134	99	898063	95.92	ng	0.00
23) Nitrobenzene-d5	9.134	82	737157	100.87	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	623844	190.30	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1669468	86.42	ng	-0.01
79) Terphenyl-d14	19.875	244	2997671	79.49	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	9	4.16	ng	# 1
27) 2,4-Dimethylphenol	10.057	122	19194	3.08	ng	# 4
32) Benzoic acid	10.057	122	19194	10.02	ng	96
48) 2-Nitroaniline	13.492	65	7319	6.14	ng	# 25
50) Dimethylphthalate	14.045	163	99910	4.91	ng	99
51) 2,6-Dinitrotoluene	14.175	165	97	5.08	ng	# 34
53) 3-Nitroaniline	14.498	138	17	3.66	ng	# 63
54) 2,4-Dinitrophenol	14.698	184	17	6.54	ng	# 7
56) 4-Nitrophenol	14.939	139	24	3.75	ng	90
57) 2,4-Dinitrotoluene	14.945	165	67	4.27	ng	# 16
62) 4-Nitroaniline	15.639	138	31	3.64	ng	# 37
80) Butylbenzylphthalate	20.510	149	365	4.15	ng	97

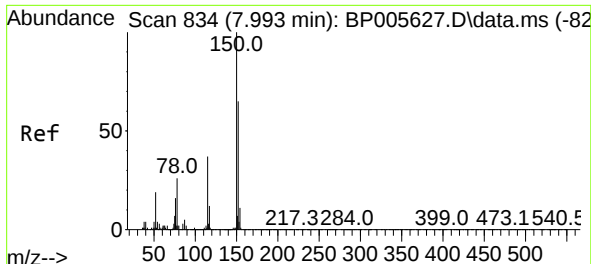
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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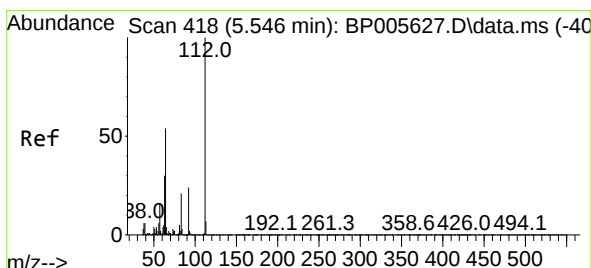
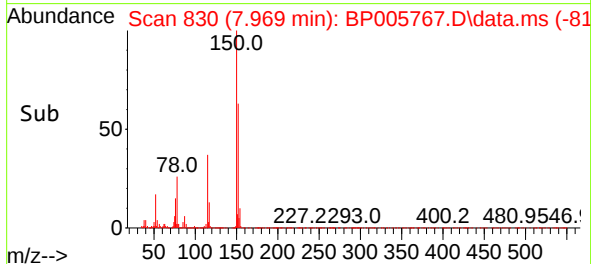
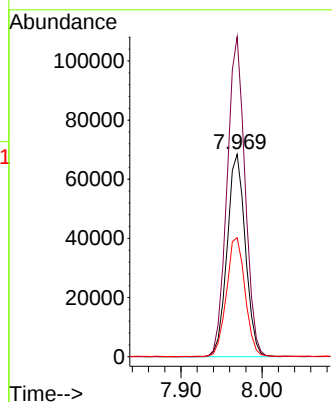
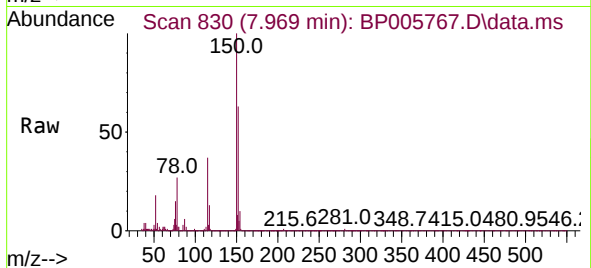




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

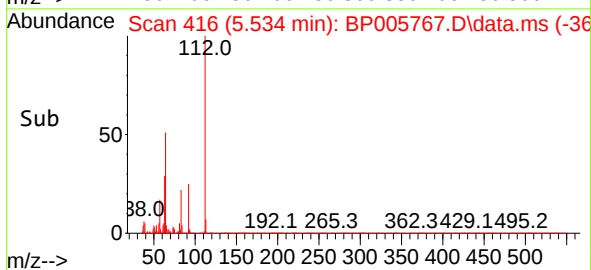
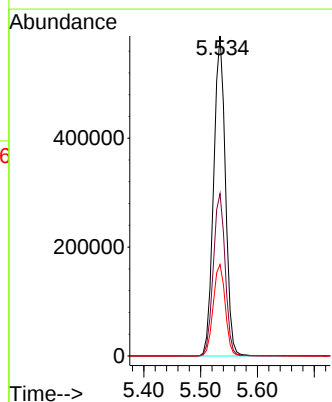
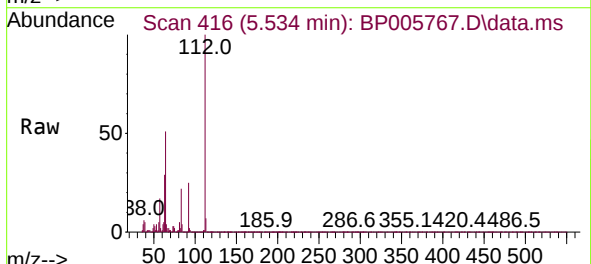
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

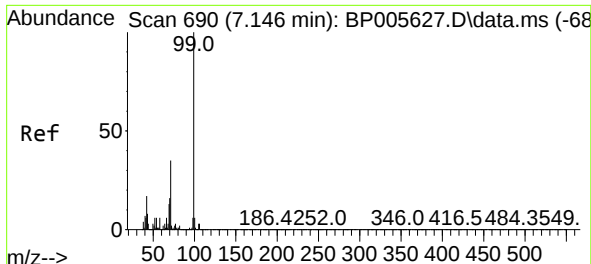
Tgt Ion:152 Resp: 106777
Ion Ratio Lower Upper
152 100
150 158.1 119.8 179.8
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 122.68 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:112 Resp: 842527
Ion Ratio Lower Upper
112 100
64 50.8 33.6 50.4#
63 28.6 18.6 27.8#

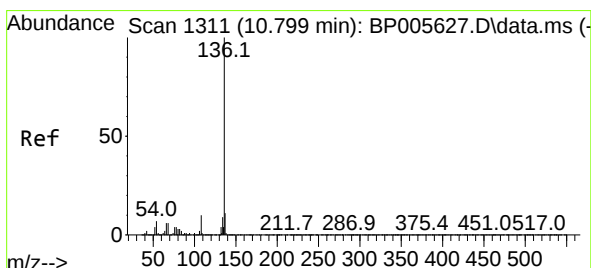
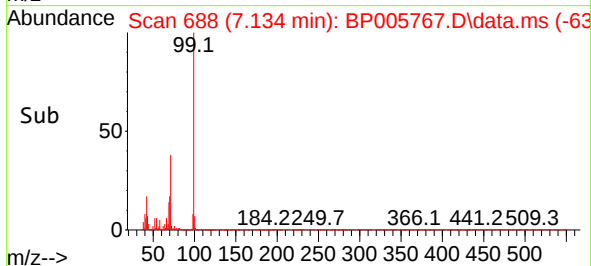
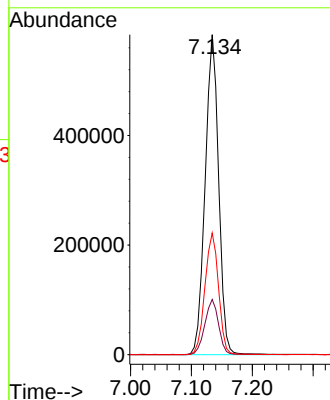
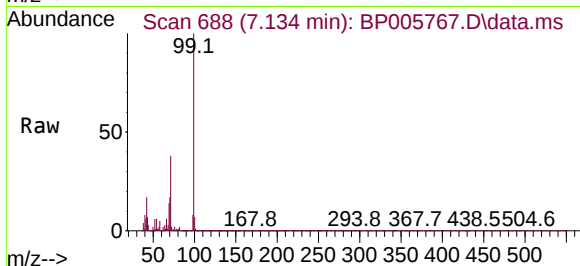




#7
Phenol-d6
Concen: 95.92 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

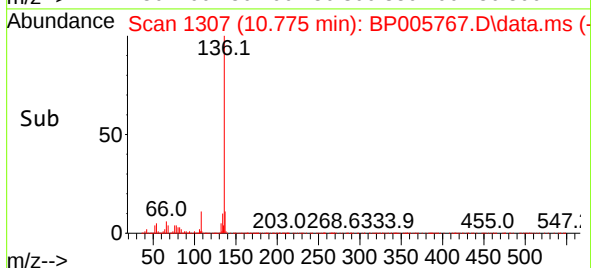
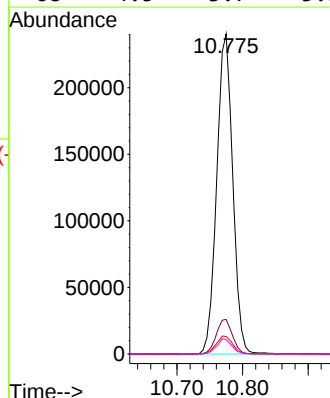
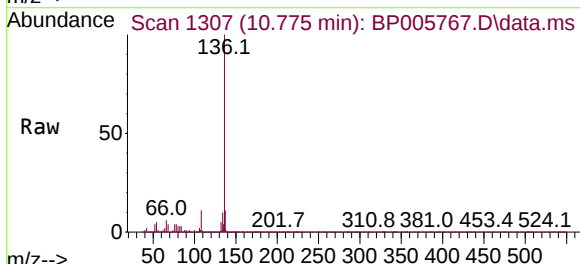
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

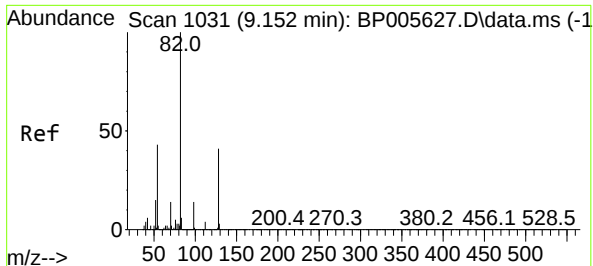
Tgt Ion:	99	Resp:	898063
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	38.1	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:	136	Resp:	406428
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.5	5.0	7.4
68	4.5	3.7	5.5

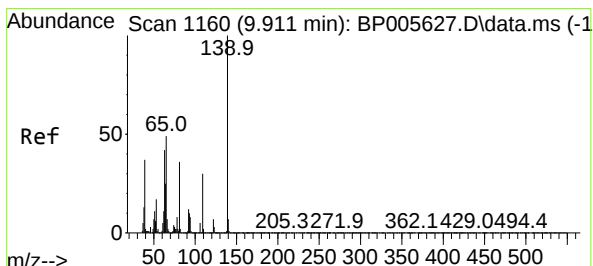
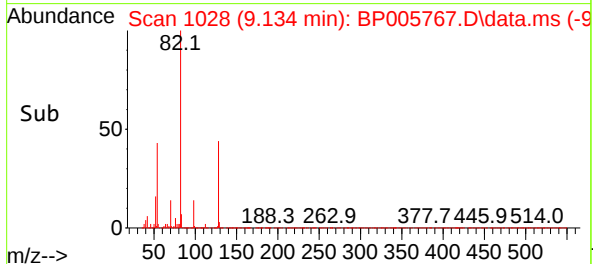
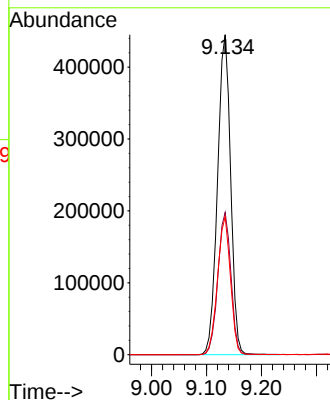
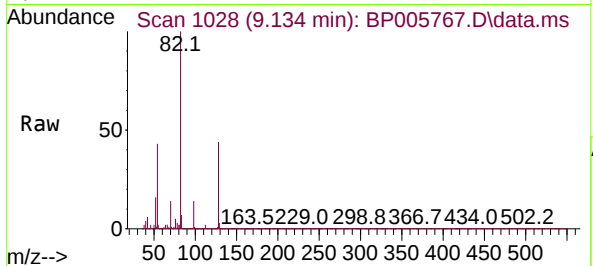




#23
Nitrobenzene-d5
Concen: 100.87 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

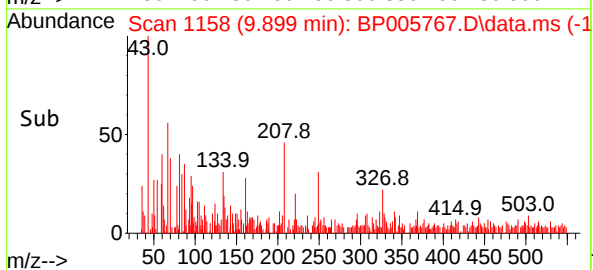
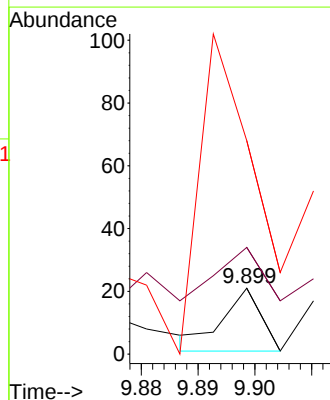
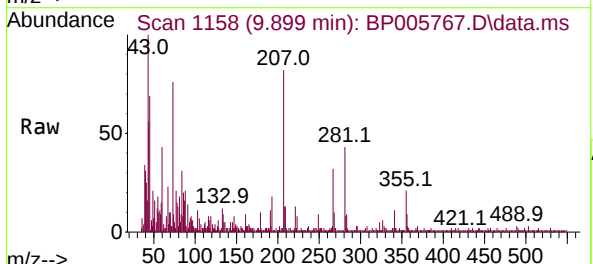
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

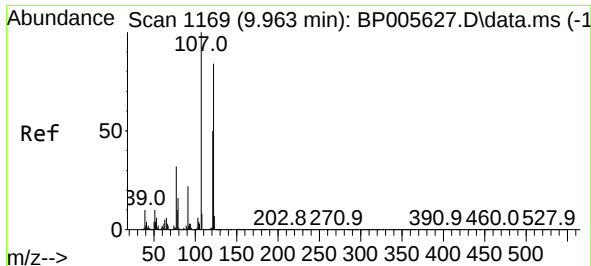
Tgt Ion:	82	Resp:	737157
Ion	Ratio	Lower	Upper
82	100		
128	44.4	30.5	45.7
54	43.1	33.9	50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:	139	Resp:	9
Ion	Ratio	Lower	Upper
139	100		
109	161.9	40.7	61.1#
65	323.8	47.8	71.6#

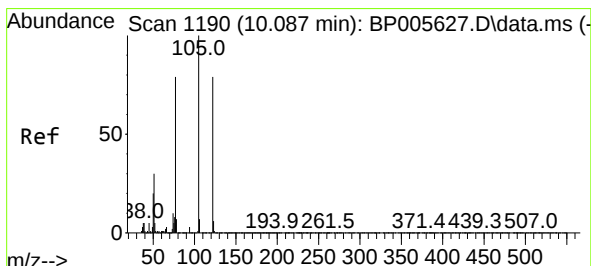
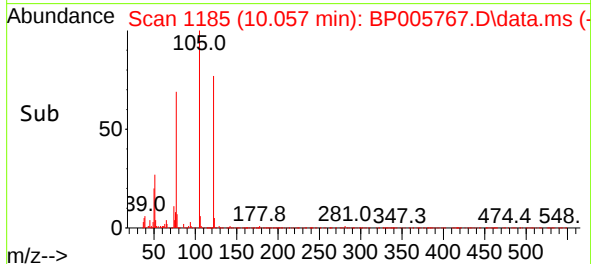
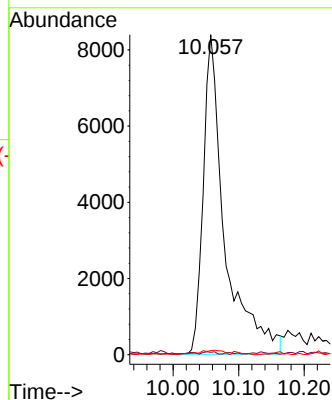
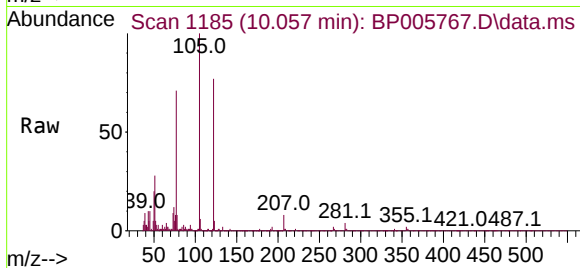




#27
2,4-Dimethylphenol
Concen: 3.08 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.100 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

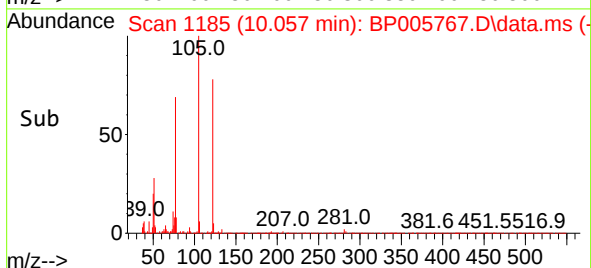
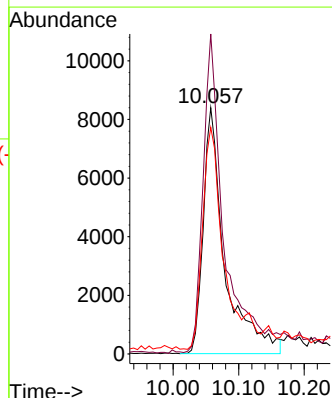
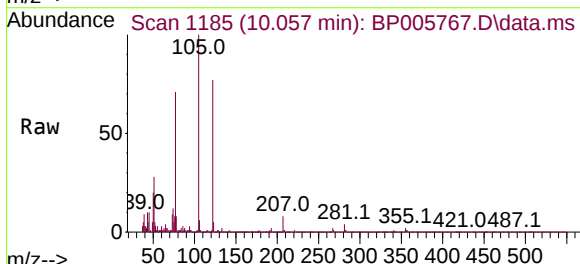
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

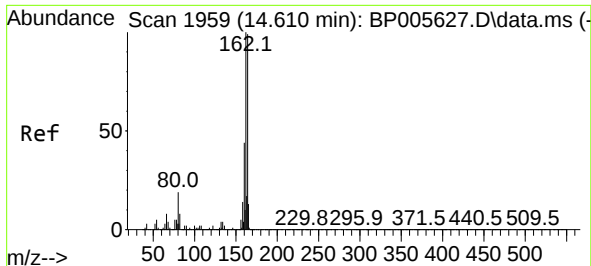
Tgt Ion:122 Resp: 19194
Ion Ratio Lower Upper
122 100
107 0.7 93.8 140.8#
121 1.3 45.6 68.4#



#32
Benzoic acid
Concen: 10.02 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.053 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:122 Resp: 19194
Ion Ratio Lower Upper
122 100
105 130.0 105.1 145.1
77 92.0 69.6 109.6

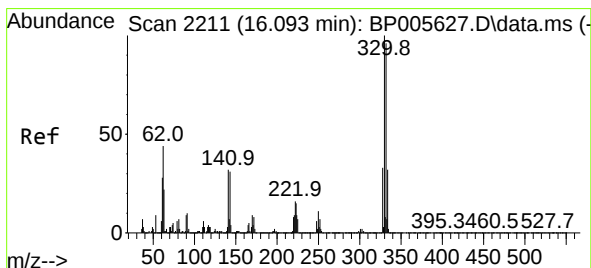
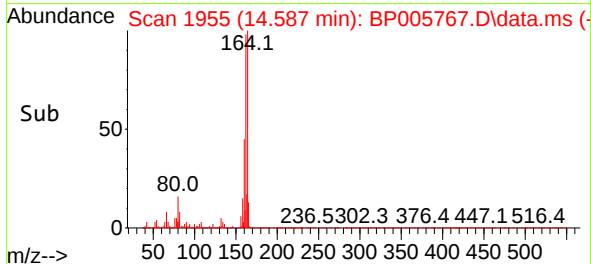
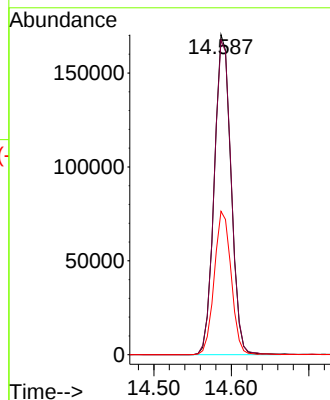
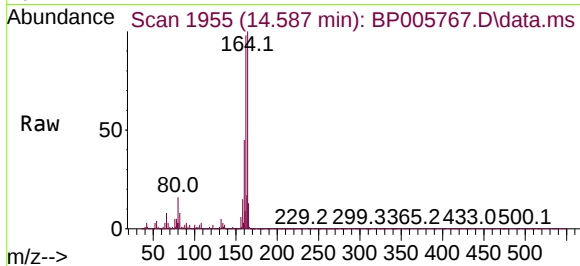




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

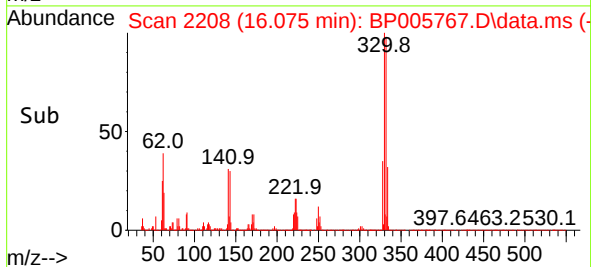
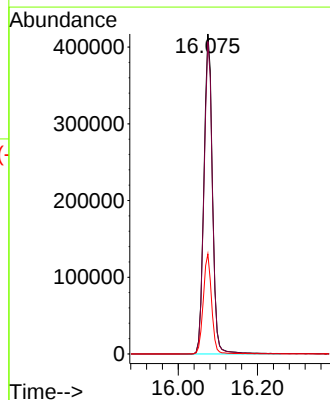
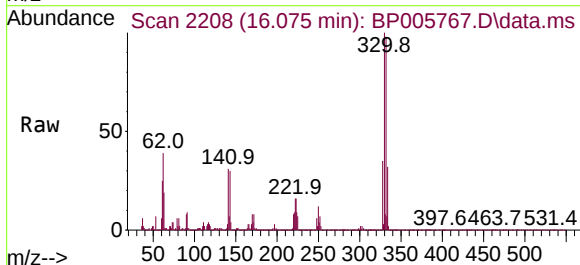
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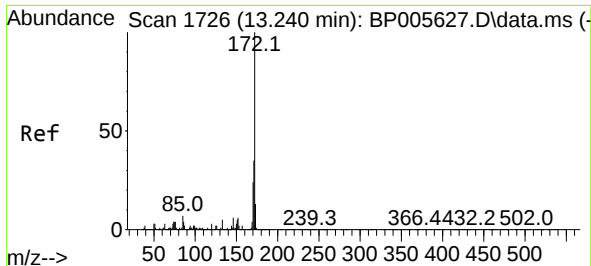
Tgt Ion:164 Resp: 255658
Ion Ratio Lower Upper
164 100
162 98.3 73.5 110.3
160 44.8 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 190.30 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:330 Resp: 623844
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 30.5 22.8 34.2

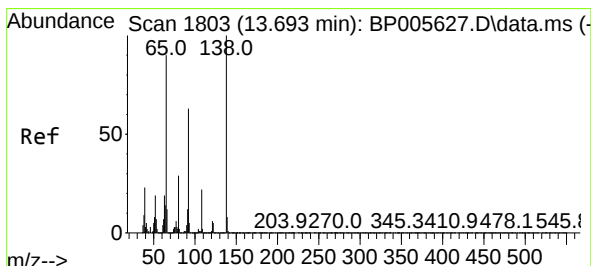
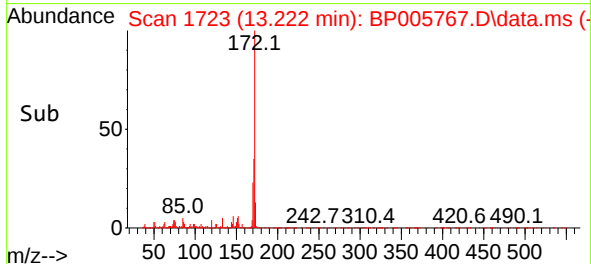
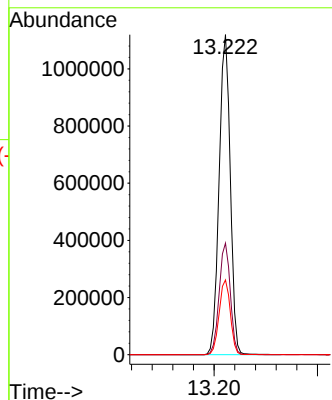
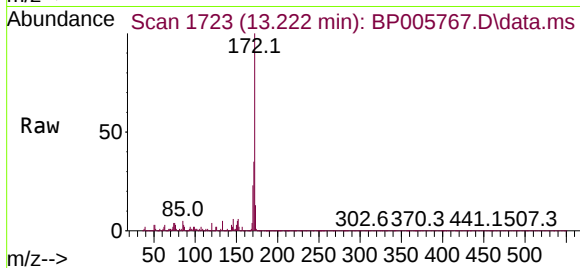




#45
2-Fluorobiphenyl
Concen: 86.42 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

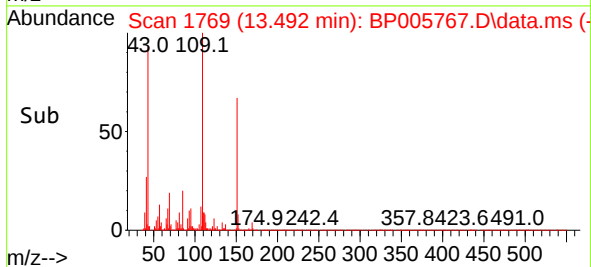
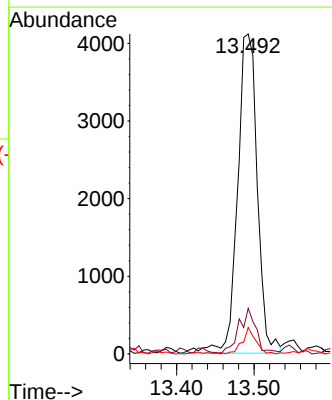
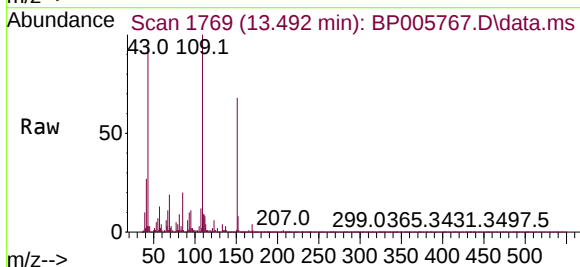
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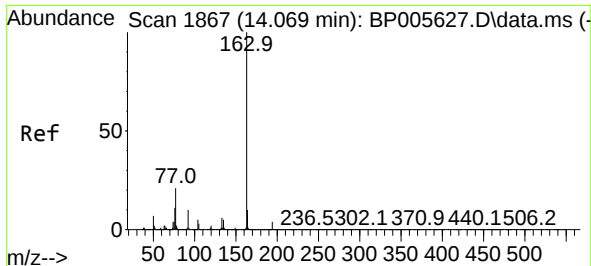
Tgt Ion:172 Resp: 1669468
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 19.6 29.4



#48
2-Nitroaniline
Concen: 6.14 ng
RT: 13.492 min Scan# 1769
Delta R.T. -0.194 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion: 65 Resp: 7319
Ion Ratio Lower Upper
65 100
92 14.3 48.8 73.2#
138 8.3 69.5 104.3#

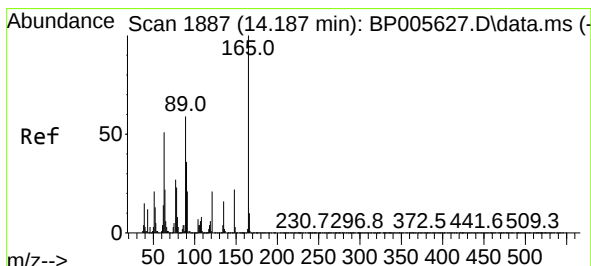
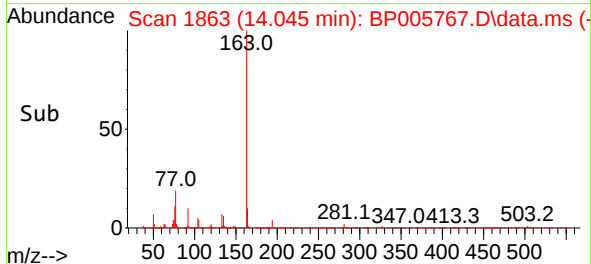
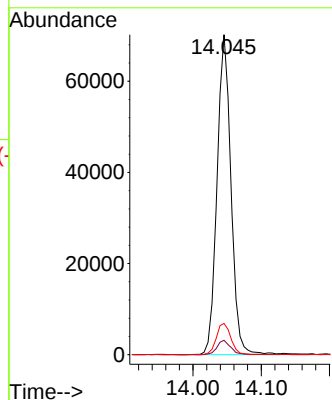
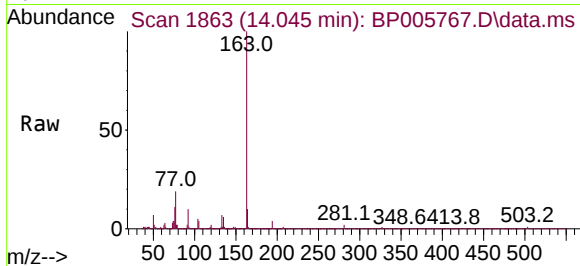




#50
Dimethylphthalate
Concen: 4.91 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

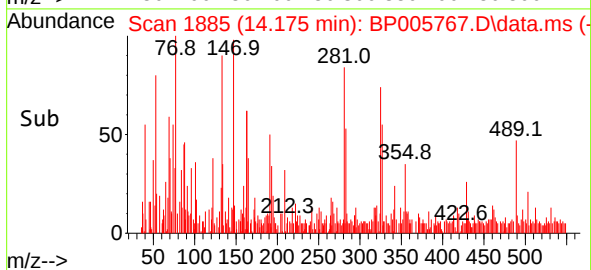
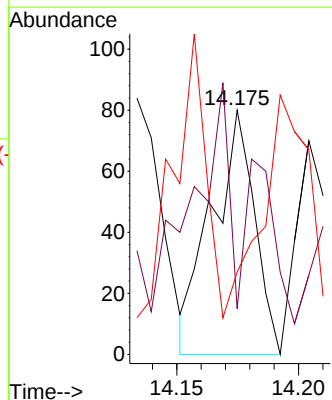
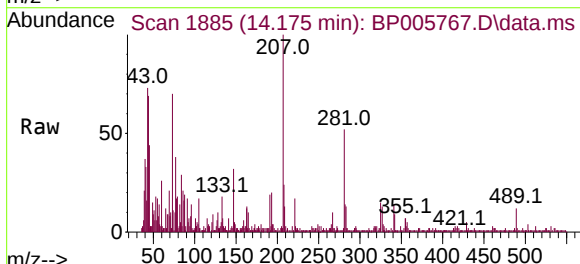
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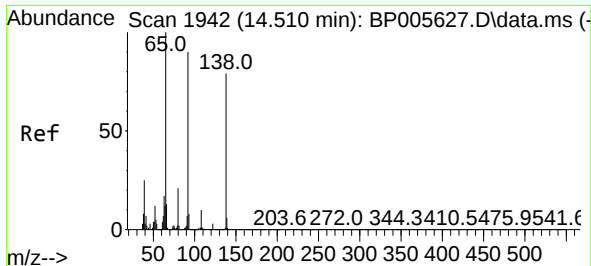
Tgt Ion:	163	Resp:	99910
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.9	5.9
164	9.7	8.1	12.1



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:	165	Resp:	97
Ion Ratio	Lower	Upper	
165	100		
63	18.8	67.4	101.0#
89	33.8	73.8	110.6#

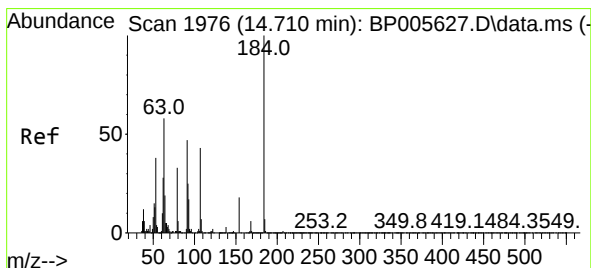
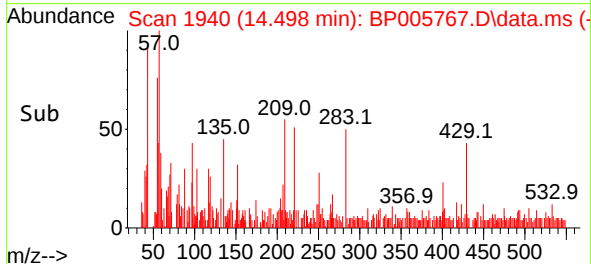
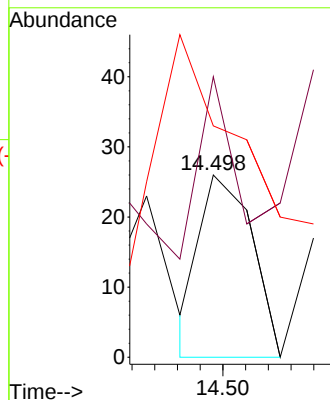
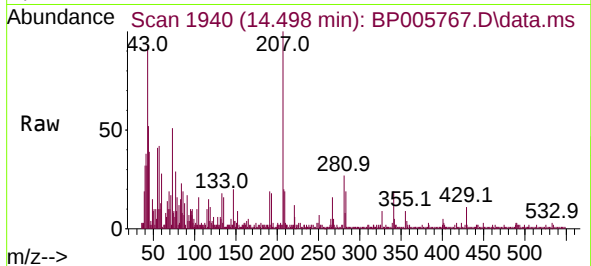




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

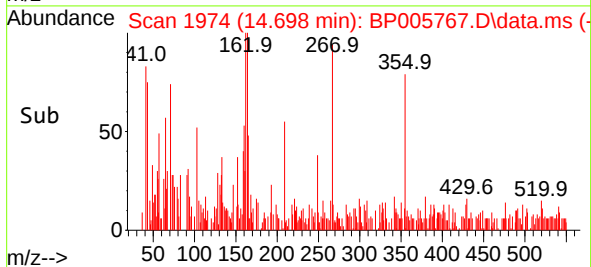
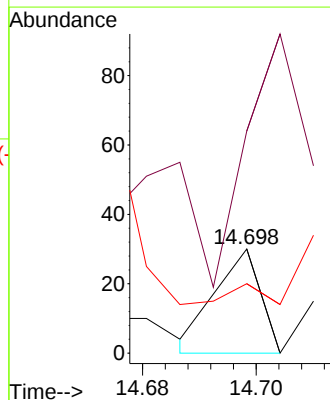
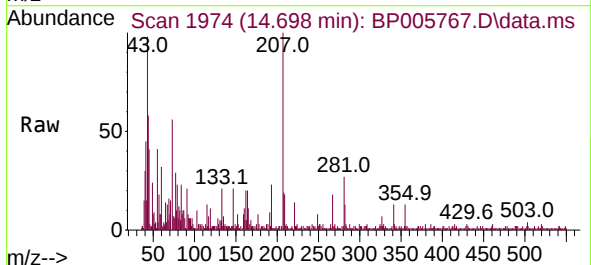
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

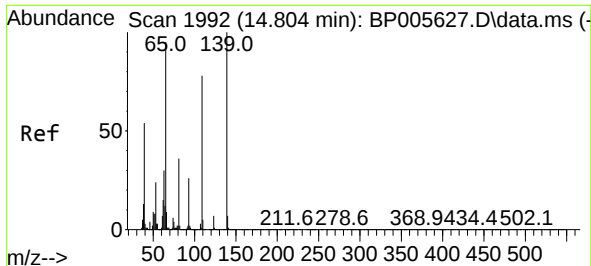
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
108 153.8 10.2 15.4#
92 126.9 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 213.3 51.2 76.8#
154 66.7 55.8 83.8

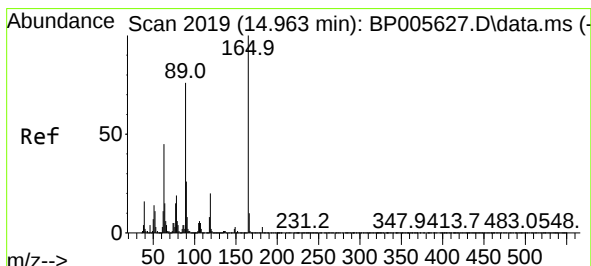
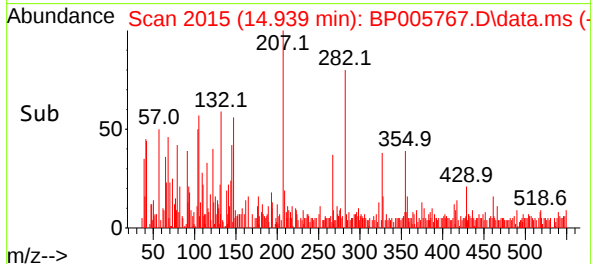
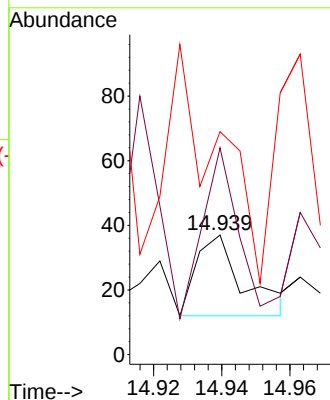
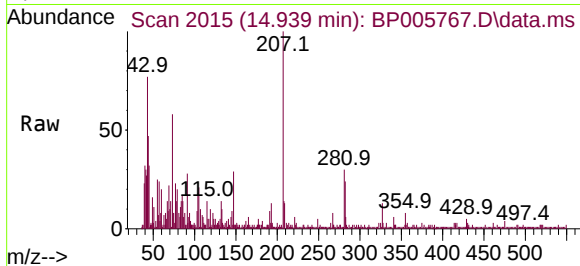




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.939 min Scan# 2015
Delta R.T. 0.123 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

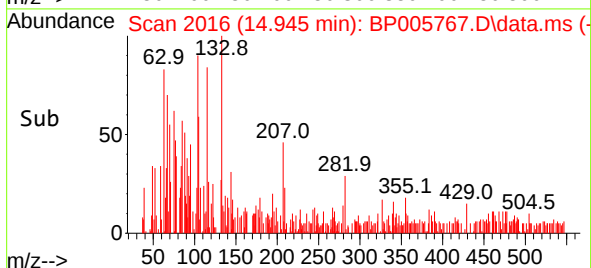
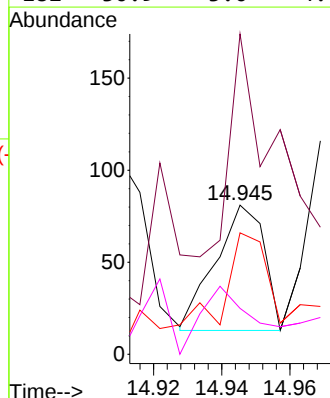
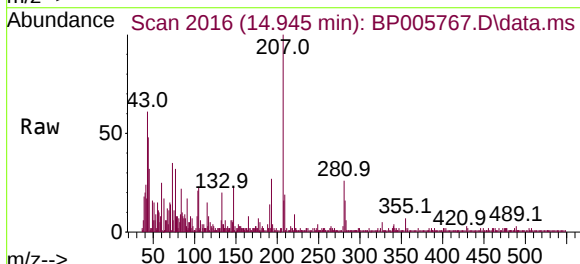
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

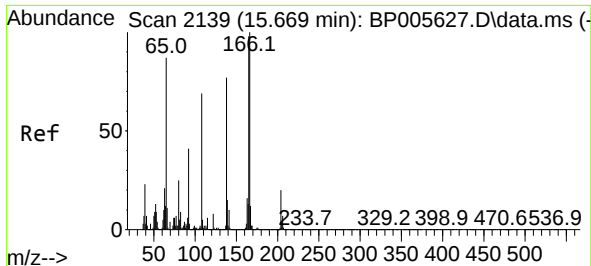
Tgt Ion:	139	Resp:	24
Ion	Ratio	Lower	Upper
139	100		
109	130.6	122.8	162.8
65	140.8	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:	165	Resp:	67
Ion	Ratio	Lower	Upper
165	100		
63	214.8	56.7	85.1#
89	81.5	85.8	128.6#
182	30.9	3.0	4.6#

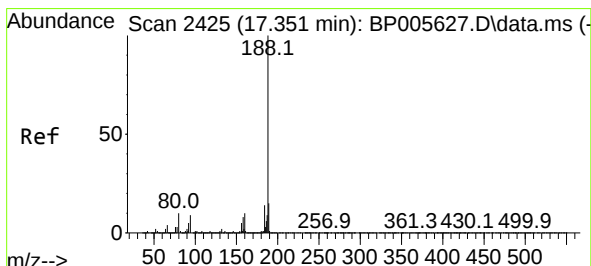
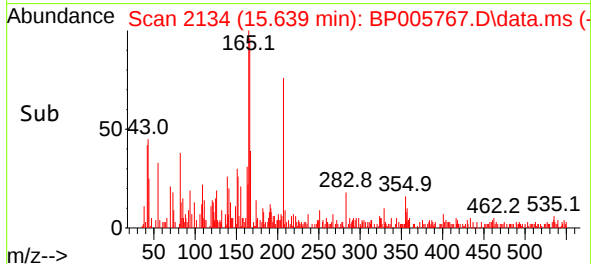
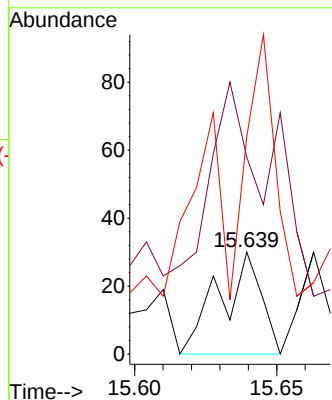
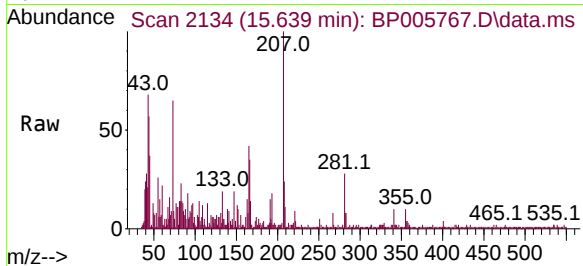




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.024 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

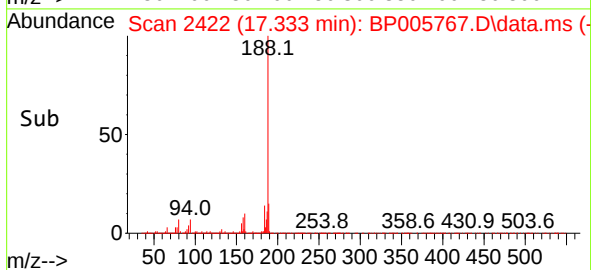
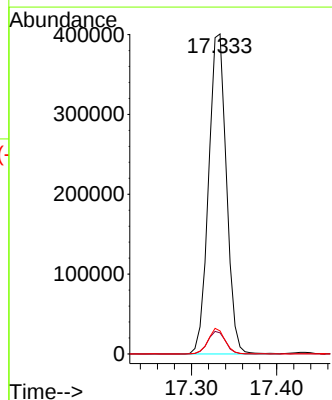
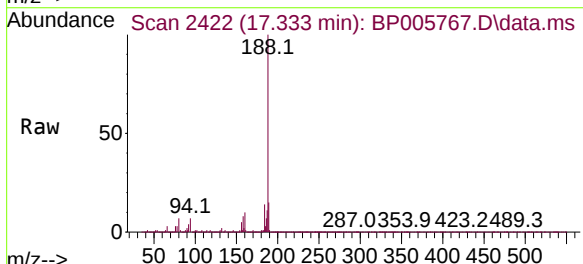
Instrument :
BNA_P
ClientSampled :
18-B6(6-12)

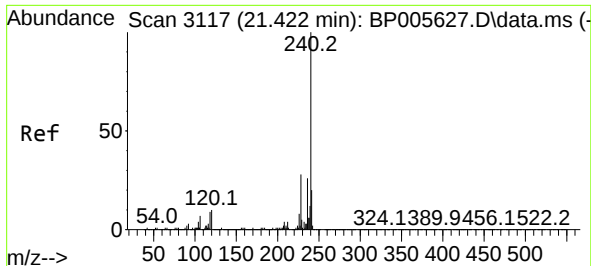
Tgt Ion:138 Resp: 31
Ion Ratio Lower Upper
138 100
92 193.3 50.9 90.9#
108 213.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:188 Resp: 580957
Ion Ratio Lower Upper
188 100
94 6.6 5.0 7.6
80 7.2 5.9 8.9

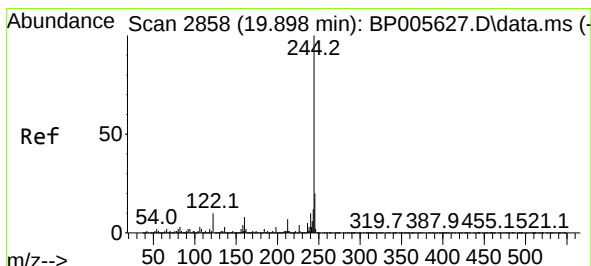
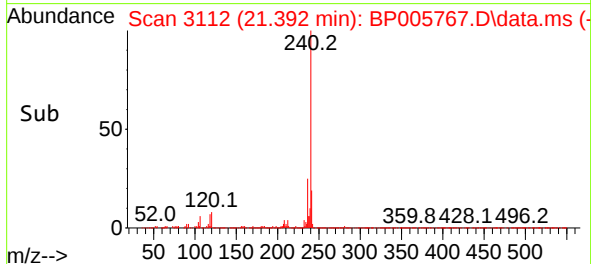
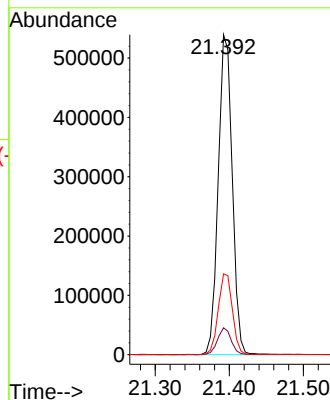
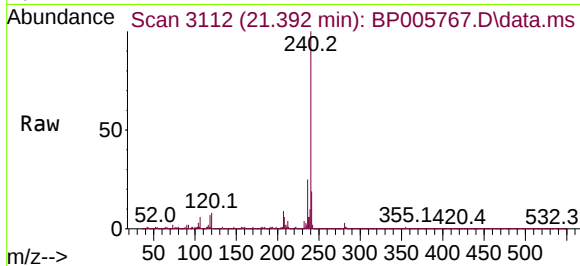




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

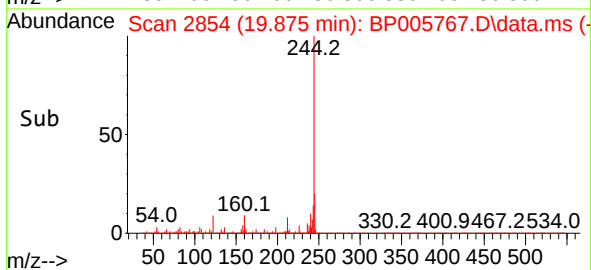
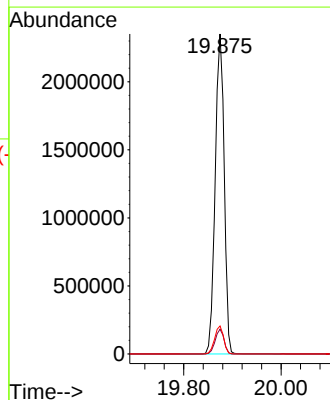
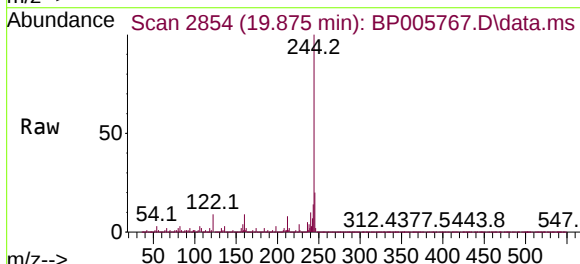
Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

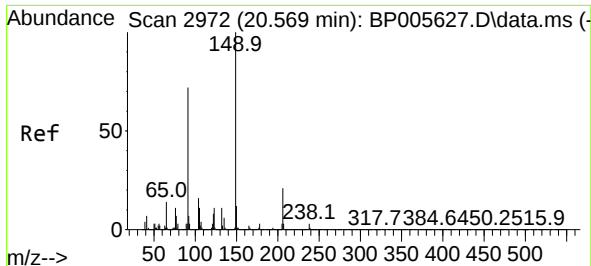
Tgt Ion:240 Resp: 707632
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 79.49 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:244 Resp: 2997671
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.7 5.2 7.8#

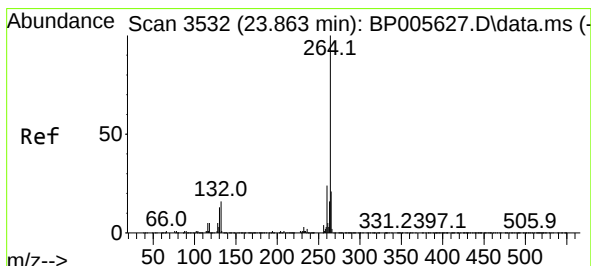
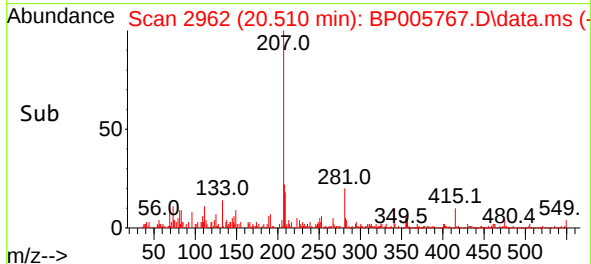
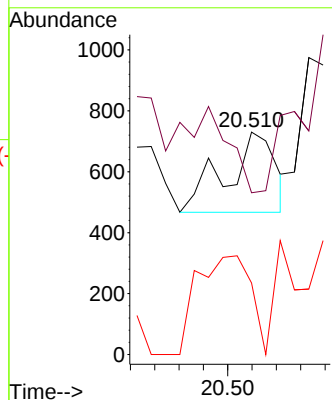
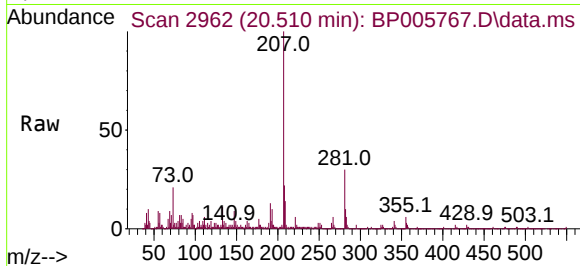




#80
Butylbenzylphthalate
Concen: 4.15 ng
RT: 20.510 min Scan# 2962
Delta R.T. -0.047 min
Lab File: BP005767.D
Acq: 08 Jun 2021 07:01

Instrument :
BNA_P
ClientSampleId :
18-B6(6-12)

Tgt Ion:	149	Resp:	365
Ion Ratio	Lower	Upper	
149	100		
91	72.7	60.2	90.4
206	32.2	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: BP005767.D
Acq: 08 Jun 2021 07:01

Tgt Ion:	264	Resp:	776090
Ion Ratio	Lower	Upper	
264	100		
260	23.2	20.6	30.8
265	21.8	19.0	28.6

