

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005747.D
 Acq On : 07 Jun 2021 17:48
 Operator : CG/JU
 Sample : M2580-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B2(4-6)

Quant Time: Jun 08 01:15:04 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)

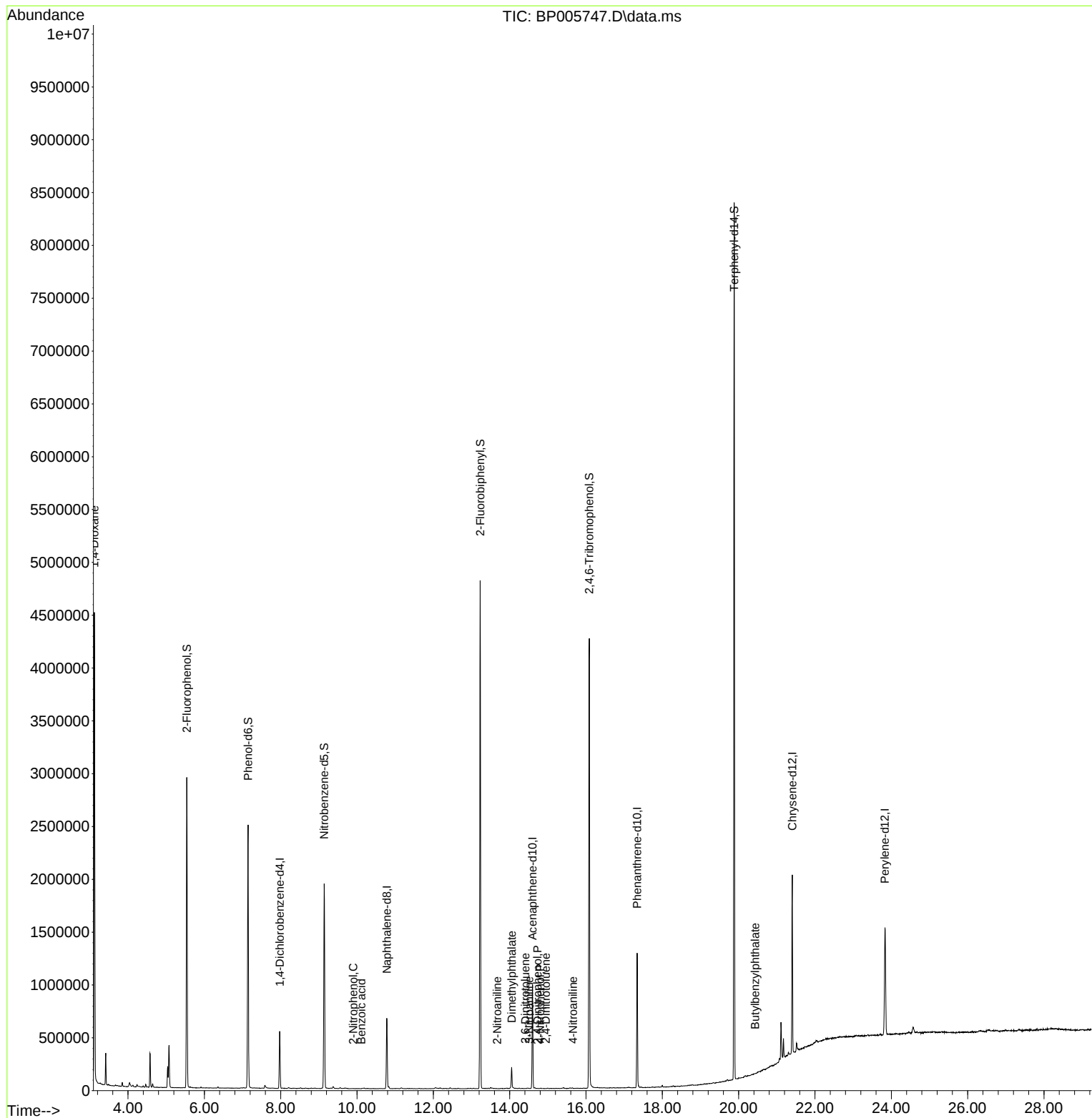
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	143950	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	549761	20.00	ng	0.00
39) Acenaphthene-d10	14.598	164	344710	20.00	ng	0.00
64) Phenanthrene-d10	17.339	188	757817	20.00	ng	# 0.00
76) Chrysene-d12	21.404	240	816661	20.00	ng	#-0.01
86) Perylene-d12	23.833	264	807825	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1276574	137.88	ng	0.00
7) Phenol-d6	7.146	99	1403178	111.17	ng	0.00
23) Nitrobenzene-d5	9.140	82	1117975	113.09	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	897739	203.10	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2432760	93.40	ng	0.00
79) Terphenyl-d14	19.880	244	4035675	92.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	26628	6.28	ng	# 1
26) 2-Nitrophenol	9.904	139	50	4.17	ng	# 1
32) Benzoic acid	10.116	122	32	5.02	ng	# 1
48) 2-Nitroaniline	13.675	65	135	4.51	ng	# 25
50) Dimethylphthalate	14.051	163	125725	4.59	ng	98
51) 2,6-Dinitrotoluene	14.410	165	57	5.07	ng	90
53) 3-Nitroaniline	14.510	138	42	3.66	ng	# 56
54) 2,4-Dinitrophenol	14.728	184	7	6.53	ng	# 1
56) 4-Nitrophenol	14.798	139	58	3.76	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	124	4.28	ng	# 38
62) 4-Nitroaniline	15.663	138	51	3.64	ng	# 29
80) Butylbenzylphthalate	20.433	149	248	4.14	ng	94

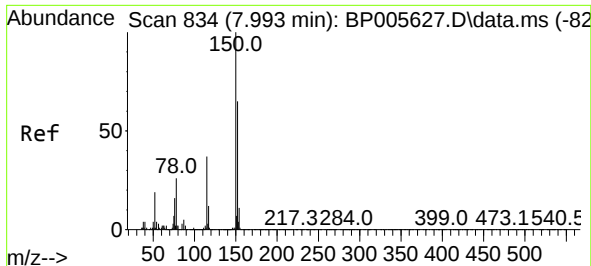
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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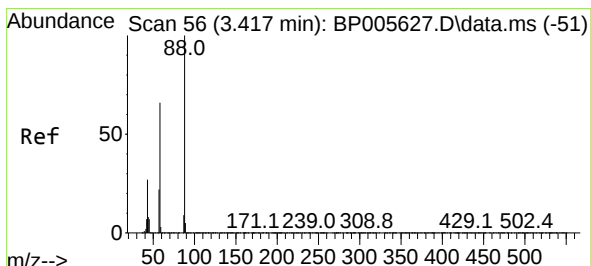
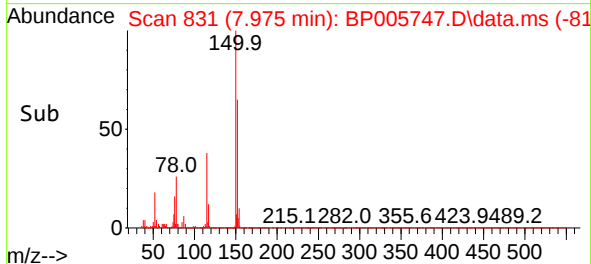
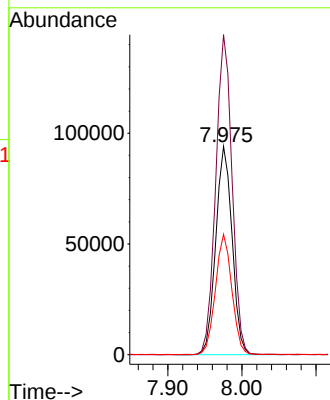
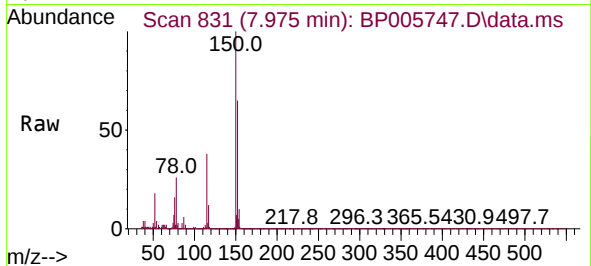




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.975 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: BP005747.D
 Acq: 07 Jun 2021 17:48

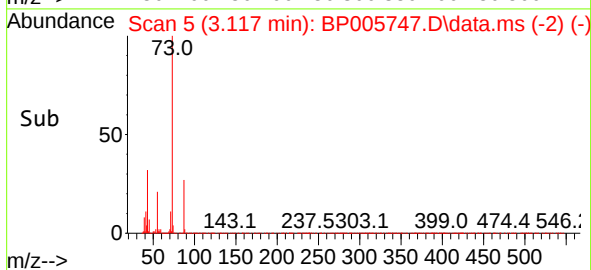
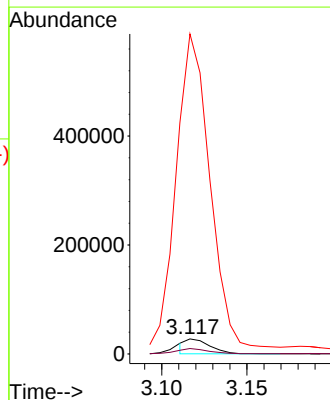
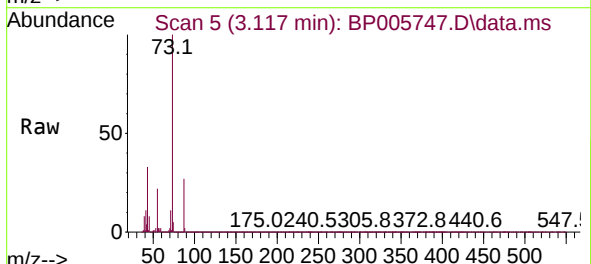
Instrument :
 BNA_P
 ClientSampleId :
 18-B2(4-6)

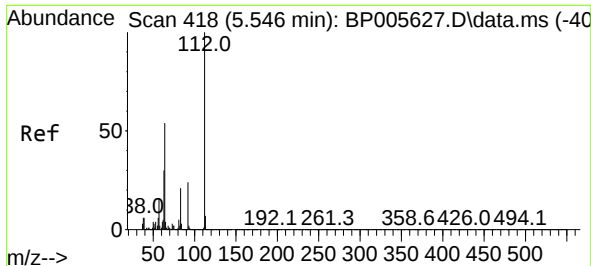
Tgt Ion:152 Resp: 143950
 Ion Ratio Lower Upper
 152 100
 150 153.6 119.8 179.8
 115 57.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 6.28 ng
 RT: 3.117 min Scan# 5
 Delta R.T. -0.282 min
 Lab File: BP005747.D
 Acq: 07 Jun 2021 17:48

Tgt Ion: 88 Resp: 26628
 Ion Ratio Lower Upper
 88 100
 58 32.0 42.5 63.7#
 43 2095.9 19.8 29.8#

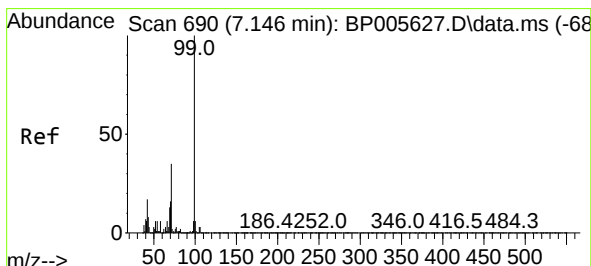
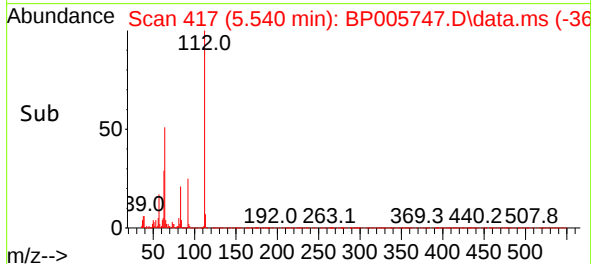
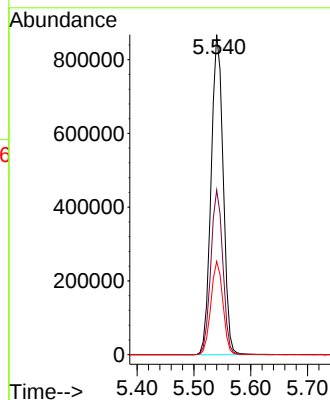
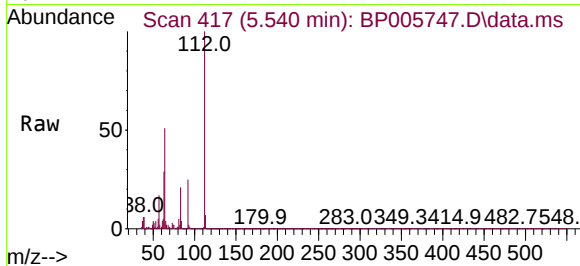




#5
2-Fluorophenol
Concen: 137.88 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

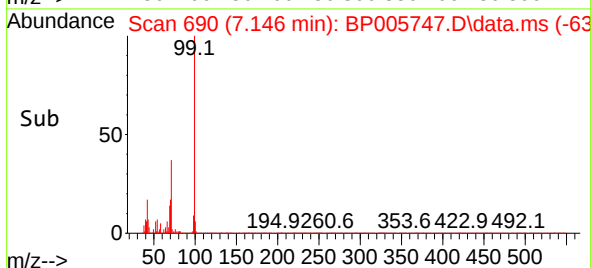
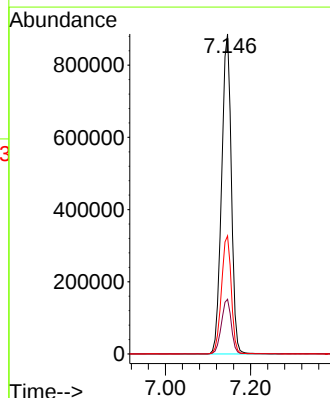
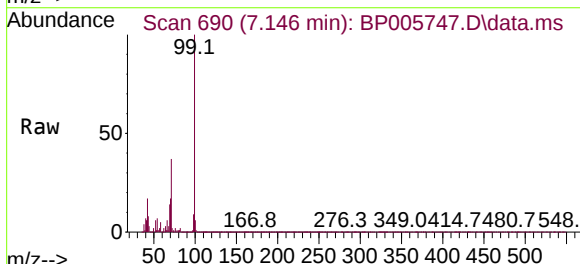
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

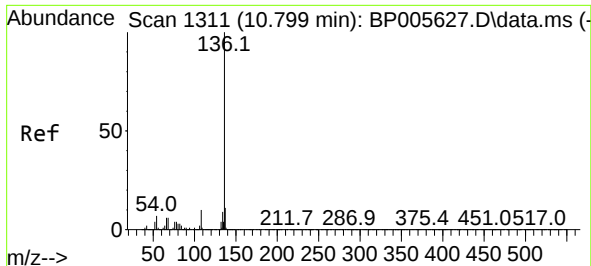
Tgt Ion:112 Resp: 1276574
Ion Ratio Lower Upper
112 100
64 51.5 33.6 50.4#
63 29.1 18.6 27.8#



#7
Phenol-d6
Concen: 111.17 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion: 99 Resp: 1403178
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 36.9 26.7 40.1

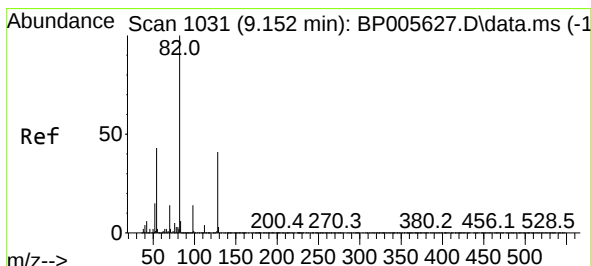
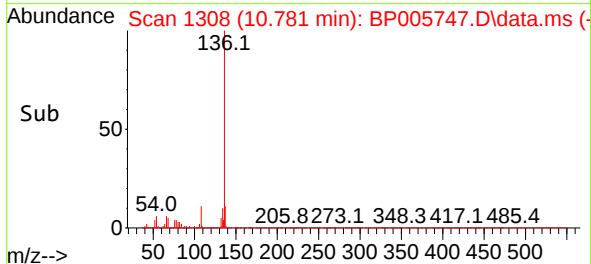
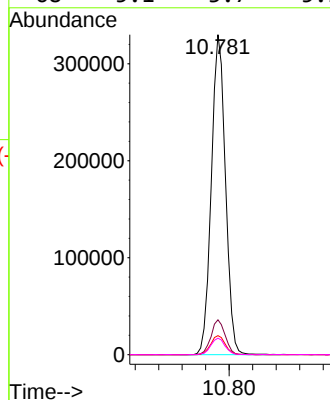
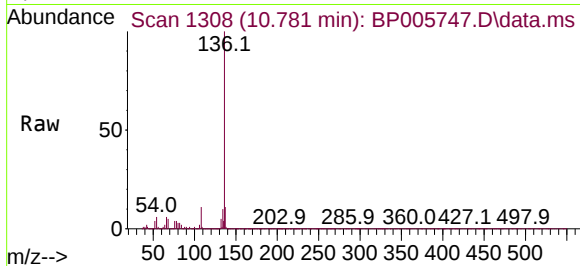




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

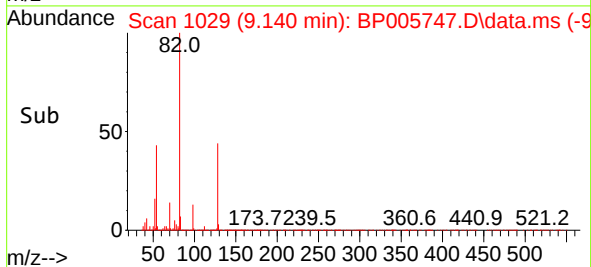
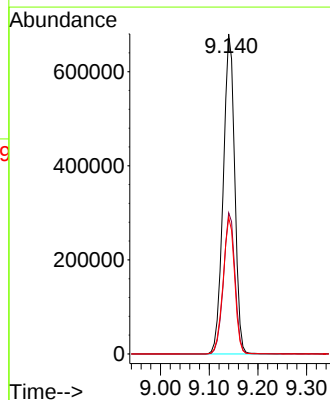
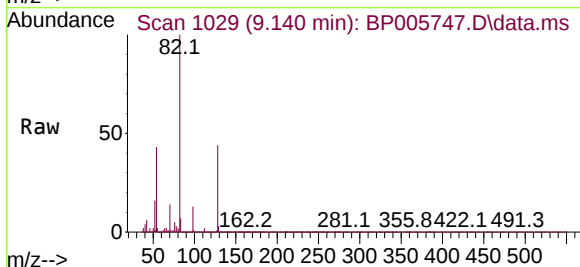
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

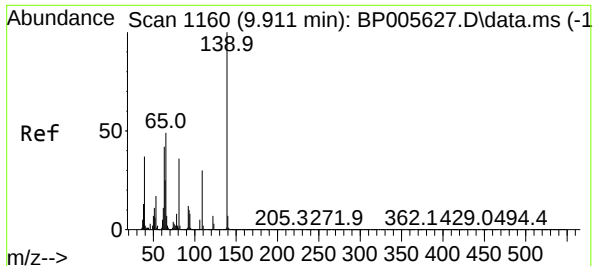
Tgt Ion:	136	Resp:	549761
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	5.0	7.4
68	5.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: 113.09 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:	82	Resp:	1117975
Ion	Ratio	Lower	Upper
82	100		
128	44.1	30.5	45.7
54	42.7	33.9	50.9

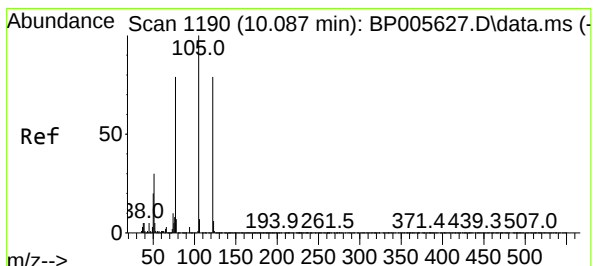
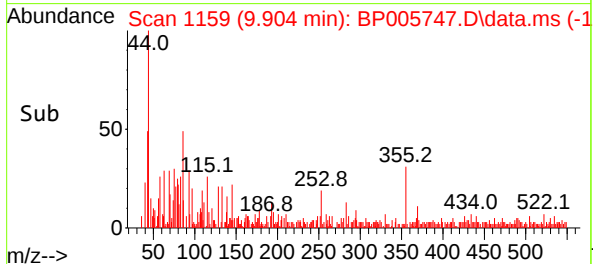
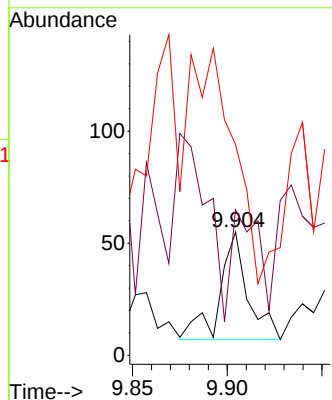
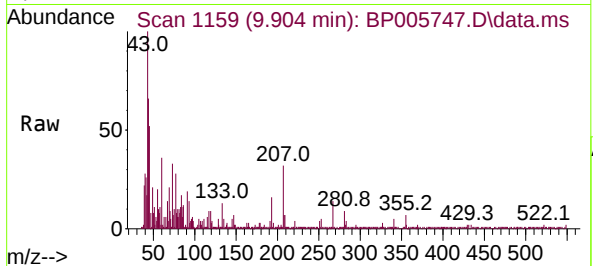




#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

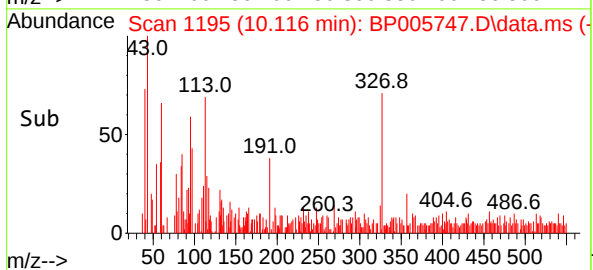
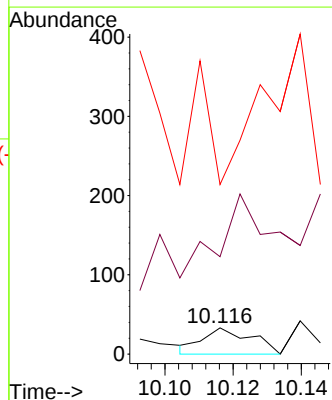
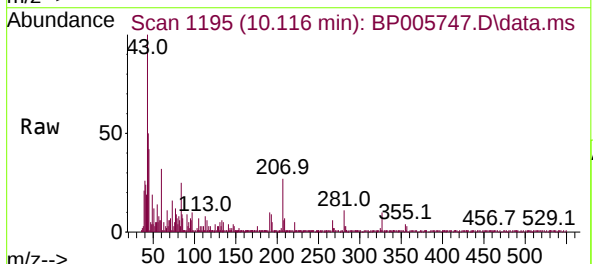
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

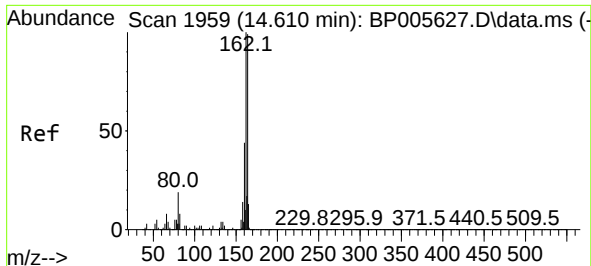
Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 118.2 40.7 61.1#
65 170.9 47.8 71.6#



#32
Benzoic acid
Concen: 5.02 ng
RT: 10.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:122 Resp: 32
Ion Ratio Lower Upper
122 100
105 442.4 105.1 145.1#
77 648.5 69.6 109.6#

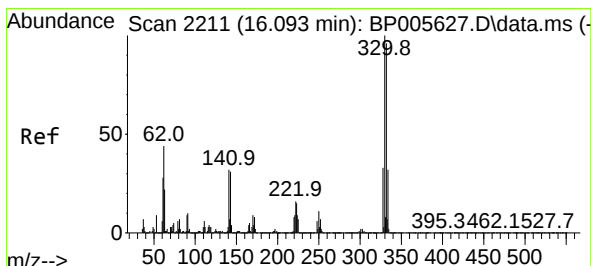
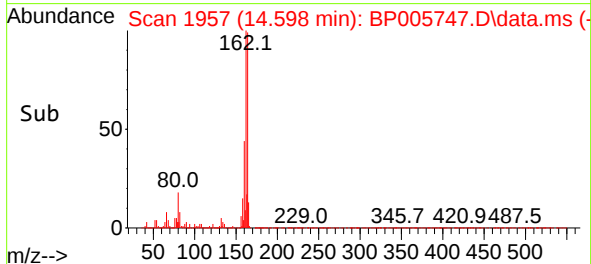
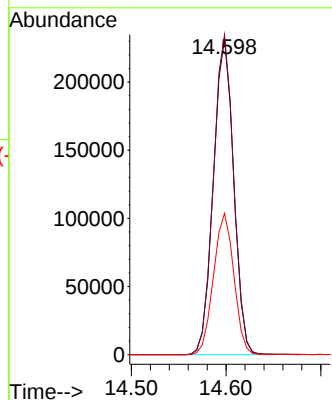
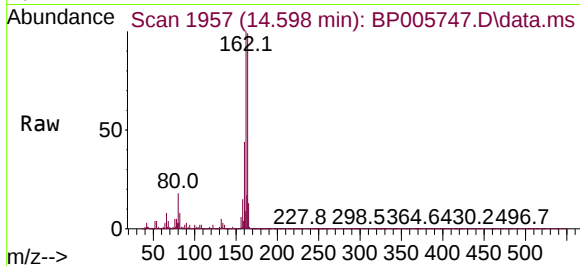




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

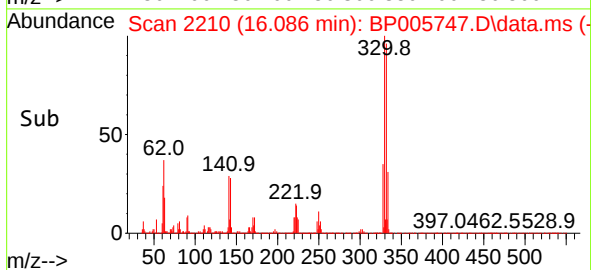
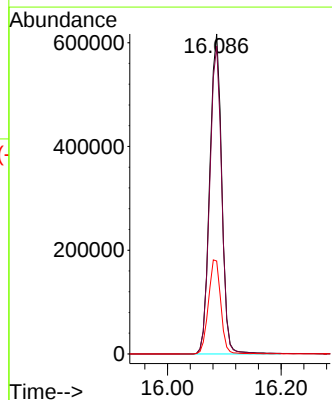
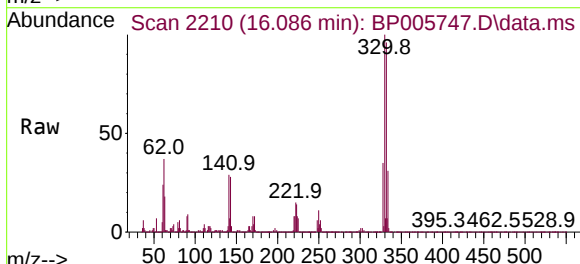
Instrument :
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18-B2(4-6)

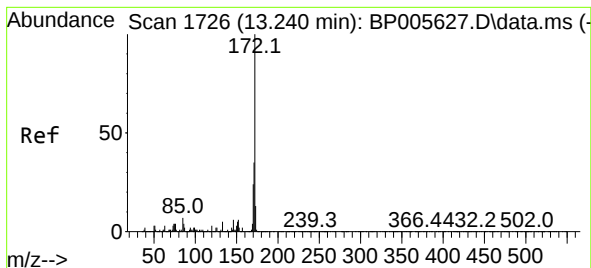
Tgt Ion:164 Resp: 344710
Ion Ratio Lower Upper
164 100
162 101.3 73.5 110.3
160 44.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 203.10 ng
RT: 16.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:330 Resp: 897739
Ion Ratio Lower Upper
330 100
332 96.5 76.3 114.5
141 30.4 22.8 34.2

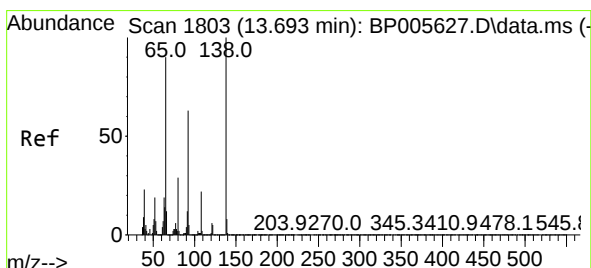
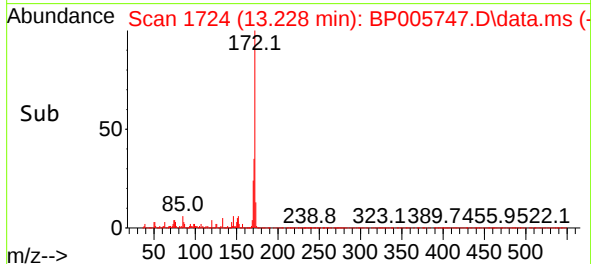
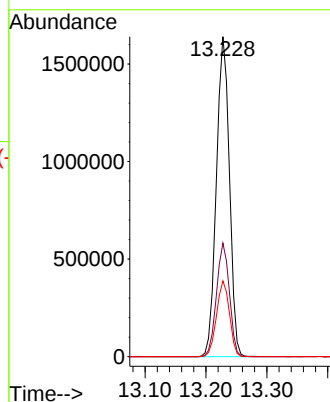
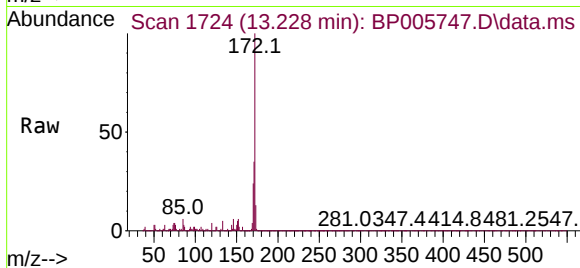




#45
2-Fluorobiphenyl
Concen: 93.40 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

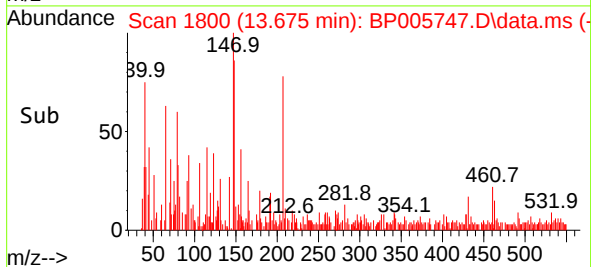
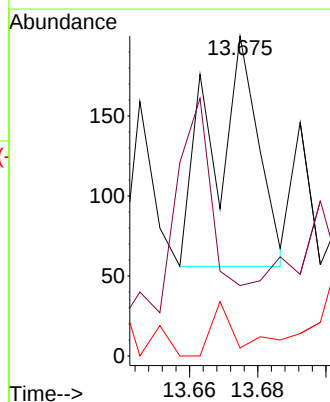
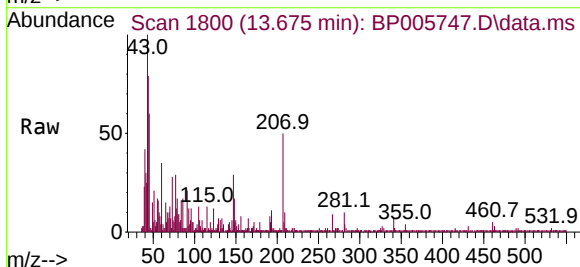
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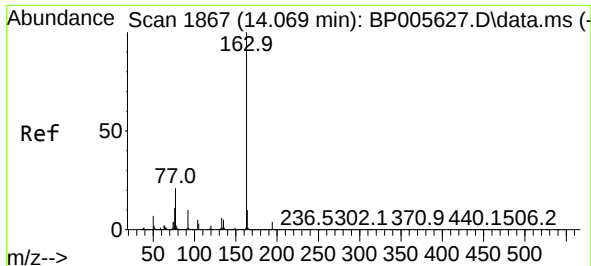
Tgt Ion:172 Resp: 2432760
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.6 29.4



#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.675 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion: 65 Resp: 135
Ion Ratio Lower Upper
65 100
92 22.0 48.8 73.2#
138 2.5 69.5 104.3#

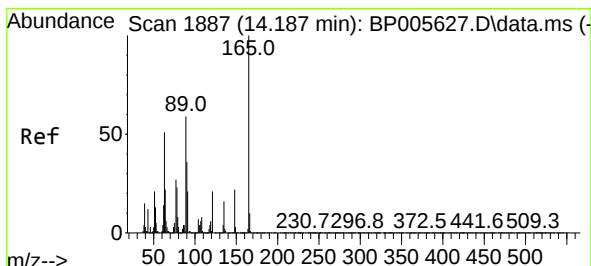
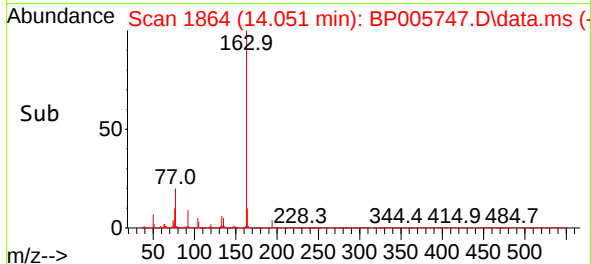
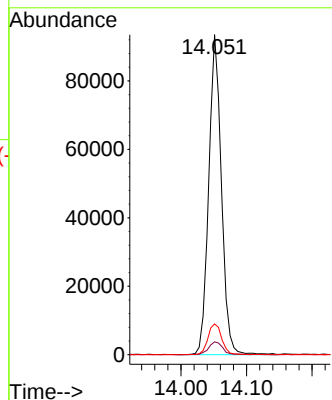
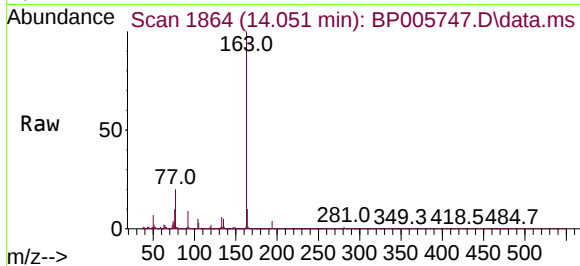




#50
Dimethylphthalate
Concen: 4.59 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

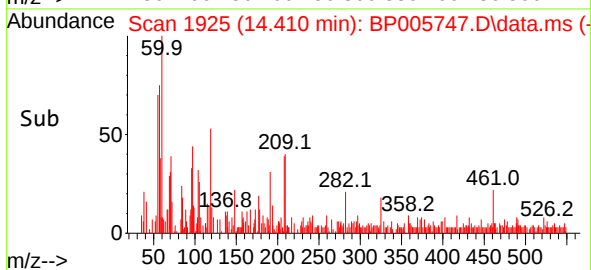
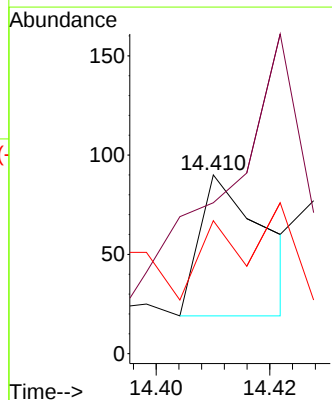
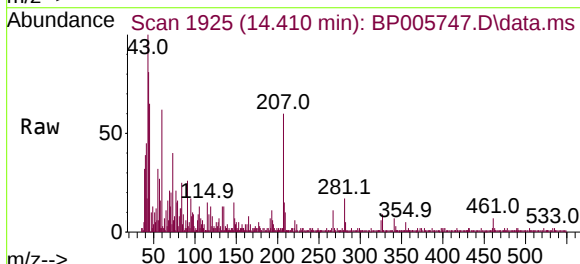
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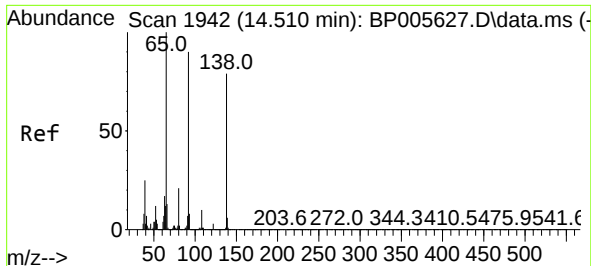
Tgt Ion:163	Resp:	125725
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.9 5.9
164	9.6	8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.229 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:165	Resp:	57
Ion Ratio	Lower	Upper
165	100	
63	84.4	67.4 101.0
89	74.4	73.8 110.6

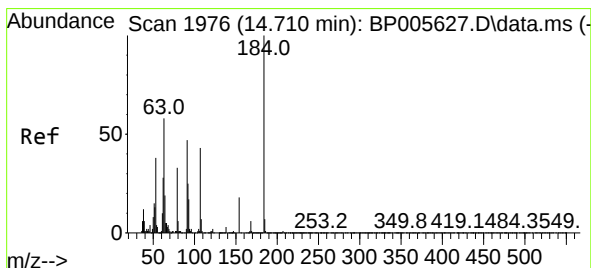
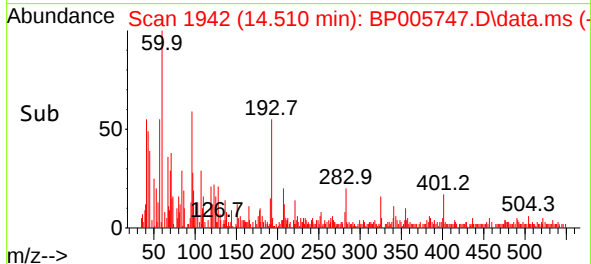
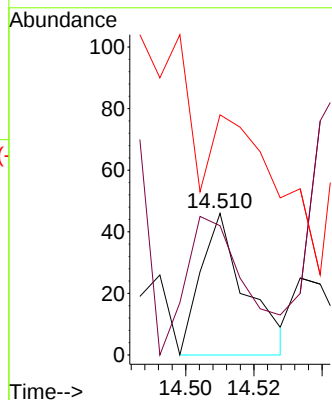
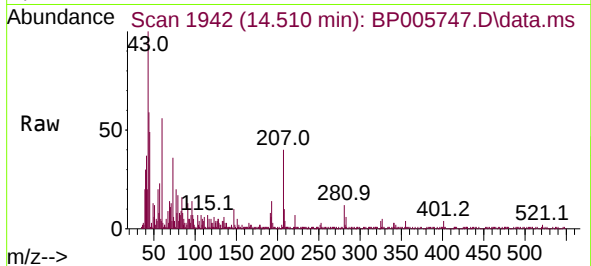




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

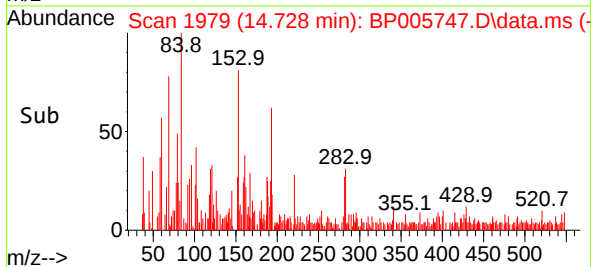
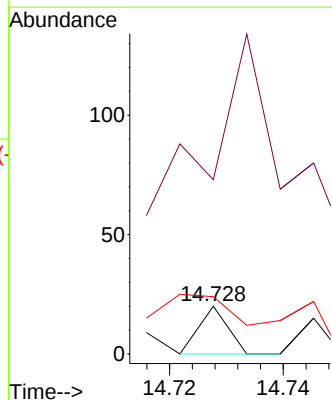
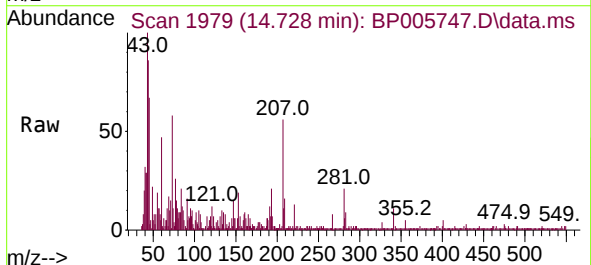
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

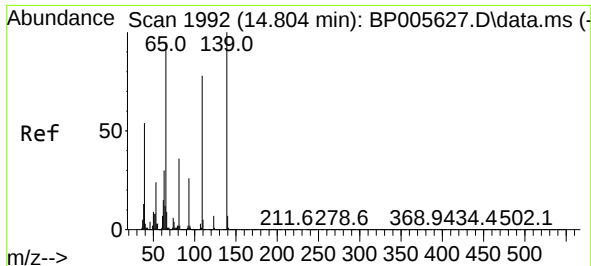
Tgt Ion:138 Resp: 42
Ion Ratio Lower Upper
138 100
108 91.3 10.2 15.4#
92 169.6 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.728 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 365.0 51.2 76.8#
154 120.0 55.8 83.8#

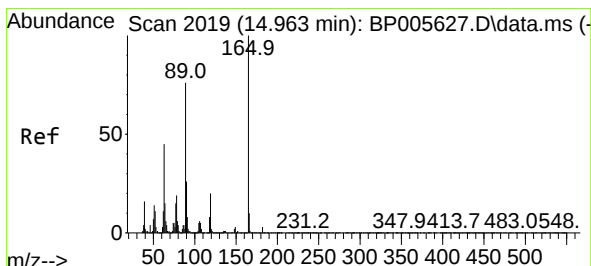
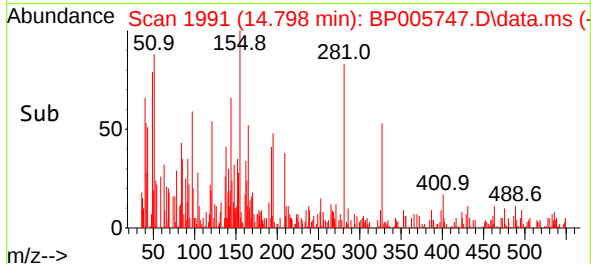
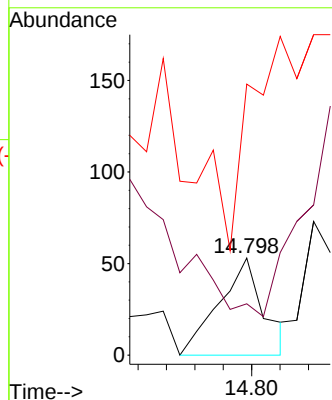
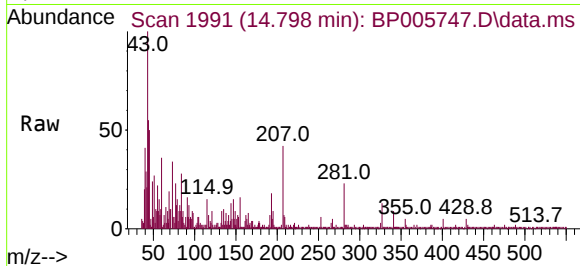




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

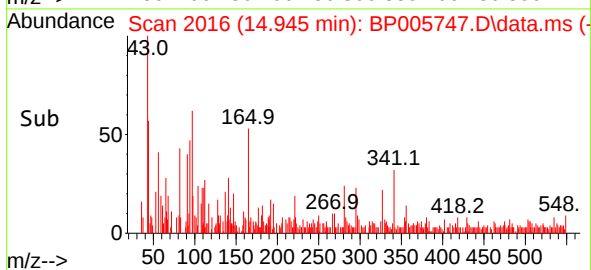
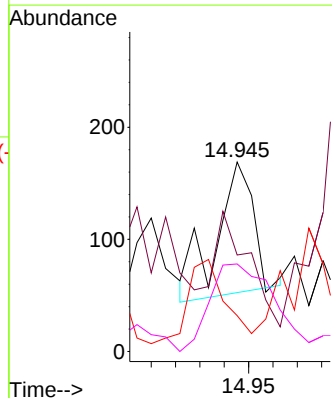
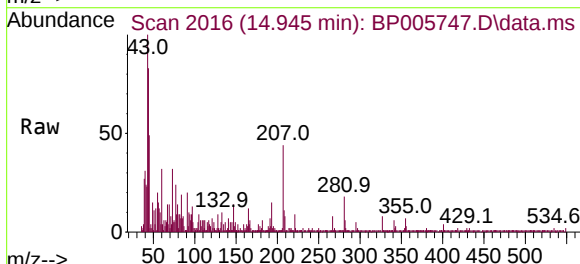
Instrument :
BNA_P
ClientSampled :
18-B2(4-6)

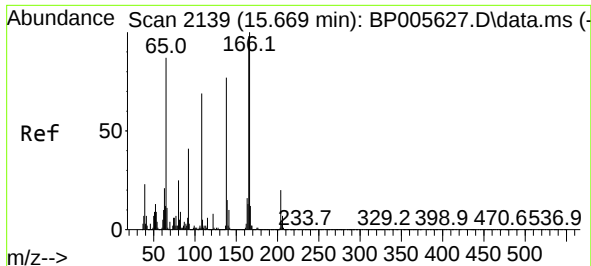
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 52.8 122.8 162.8#
65 279.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:165 Resp: 124
Ion Ratio Lower Upper
165 100
63 50.9 56.7 85.1#
89 18.9 85.8 128.6#
182 46.2 3.0 4.6#

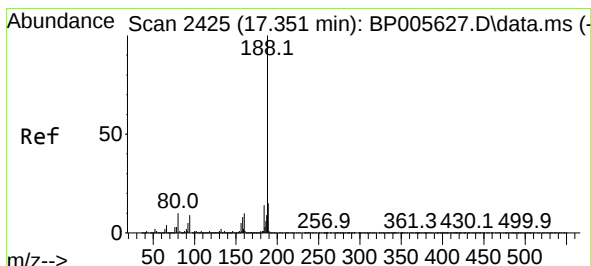
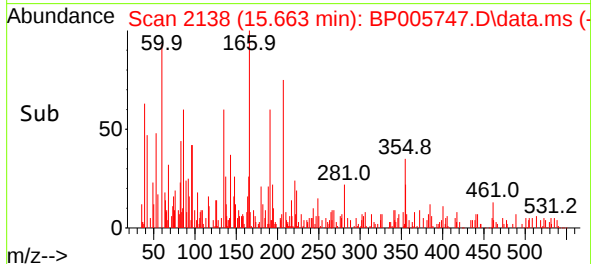
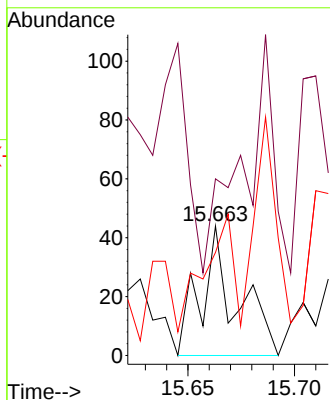
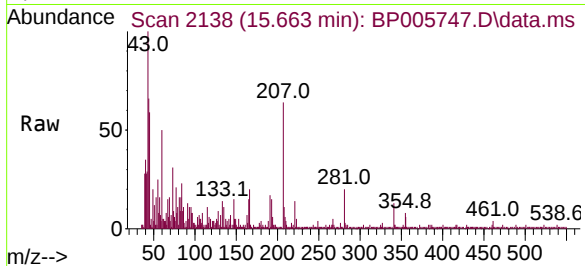




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

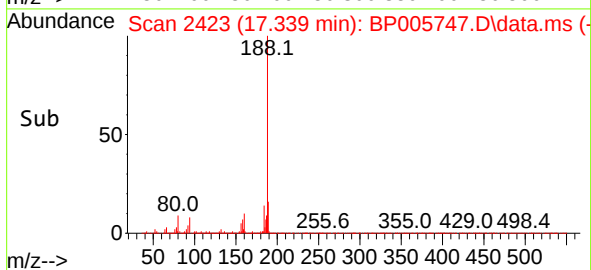
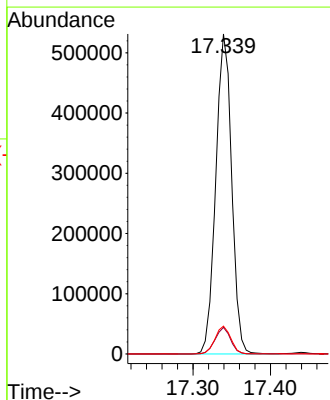
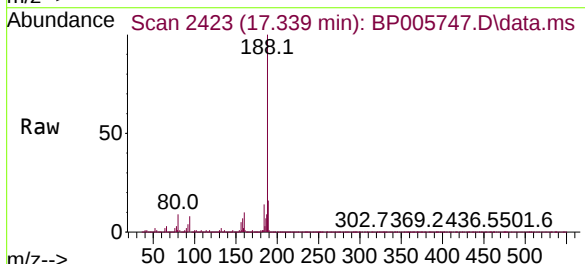
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

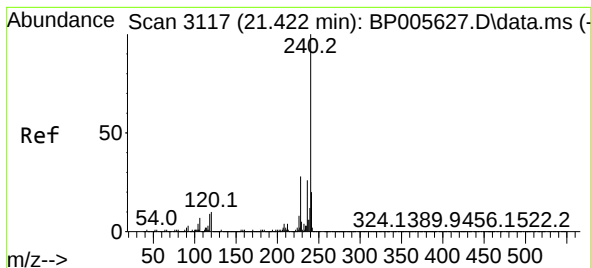
Tgt Ion:138 Resp: 51
Ion Ratio Lower Upper
138 100
92 136.4 50.9 90.9#
108 79.5 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005747.D
Acq: 07 Jun 2021 17:48

Tgt Ion:188 Resp: 757817
Ion Ratio Lower Upper
188 100
94 8.3 5.0 7.6#
80 8.7 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: BP005747.D

Acq: 07 Jun 2021 17:48

Tgt Ion:240 Resp: 816661

Ion Ratio Lower Upper

240 100

120 8.6 4.2 6.2#

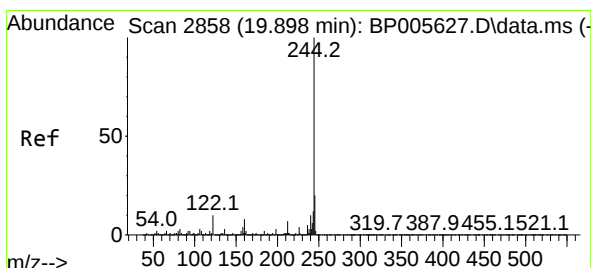
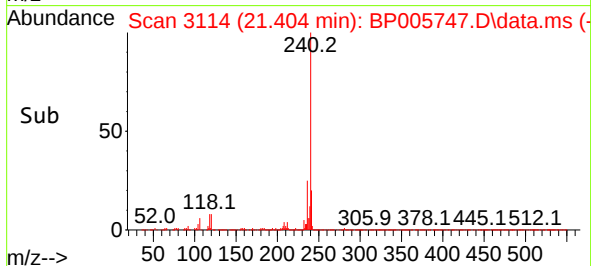
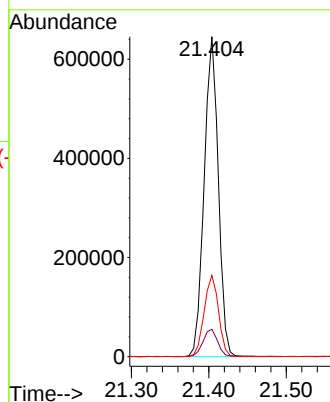
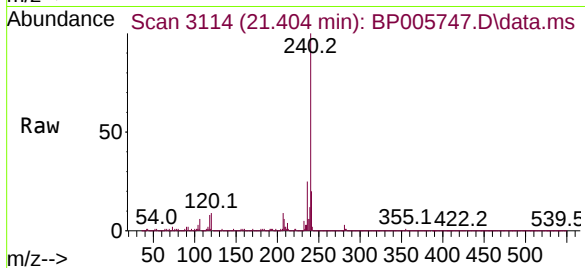
236 25.4 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

18-B2(4-6)



#79

Terphenyl-d14

Concen: 92.73 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005747.D

Acq: 07 Jun 2021 17:48

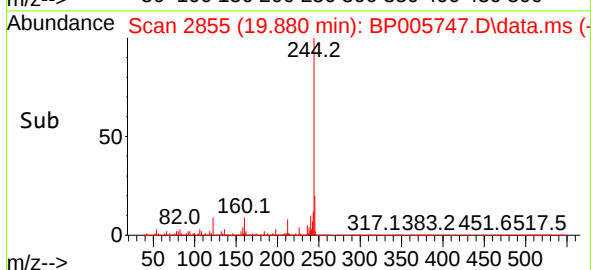
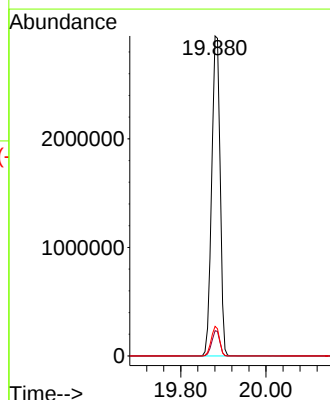
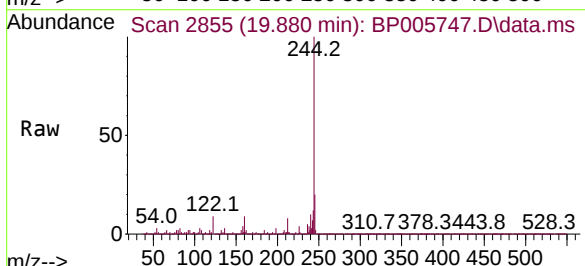
Tgt Ion:244 Resp: 4035675

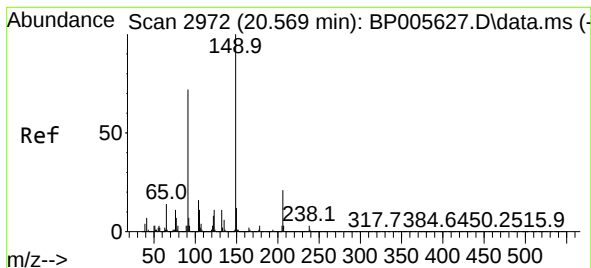
Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

122 9.3 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.14 ng

RT: 20.433 min Scan# 2949

Delta R.T. -0.124 min

Lab File: BP005747.D

Acq: 07 Jun 2021 17:48

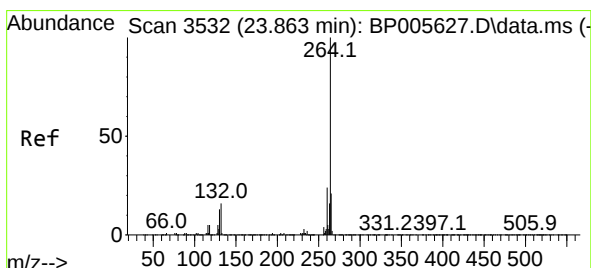
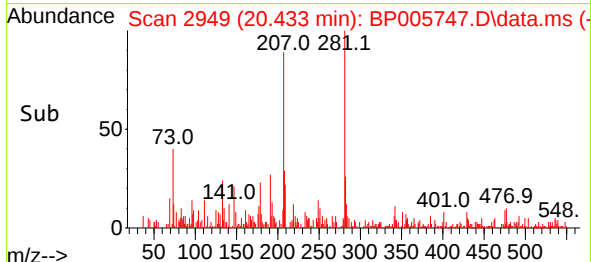
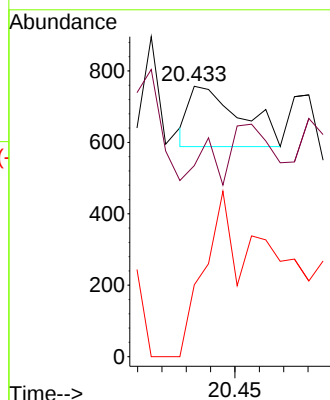
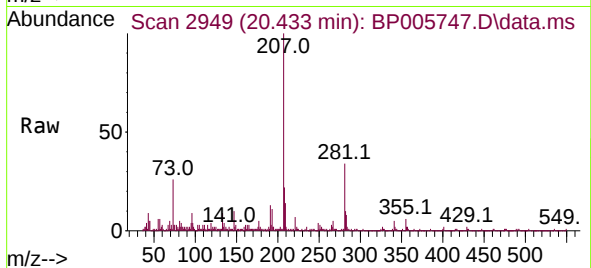
Instrument :

BNA_P

ClientSampleId :

18-B2(4-6)

Tgt Ion:	149	Resp:	248
Ion	Ratio	Lower	Upper
149	100		
91	70.7	60.2	90.4
206	26.6	23.9	35.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.018 min

Lab File: BP005747.D

Acq: 07 Jun 2021 17:48

Tgt Ion:	264	Resp:	807825
Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.6	30.8
265	21.8	19.0	28.6

