

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005692.D
 Acq On : 03 Jun 2021 18:06
 Operator : CG/JU
 Sample : M2569-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA0

Quant Time: Jun 04 01:03:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

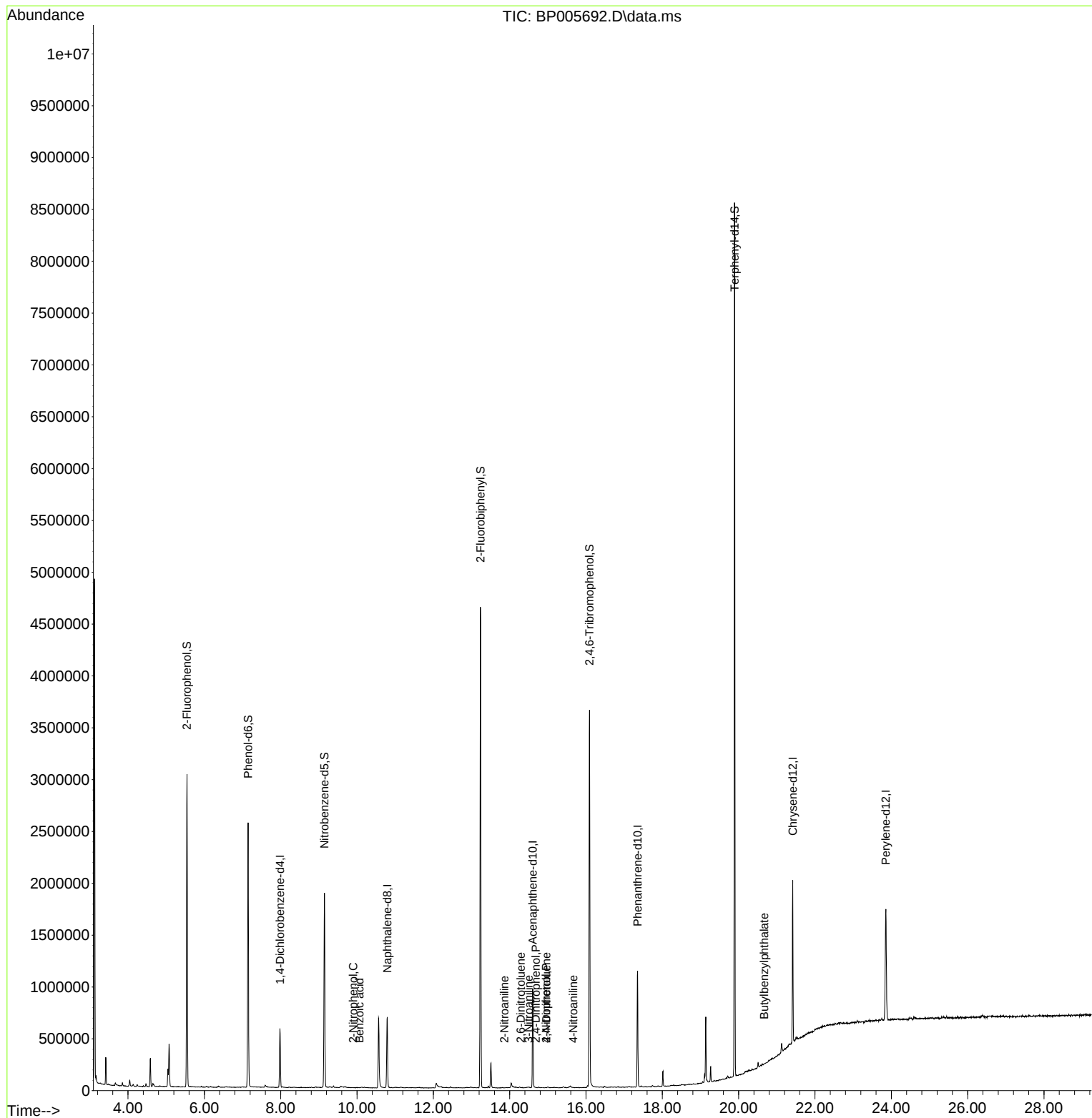
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	148513	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	559722	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	328695	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	675478	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	715841	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	834709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1256488	131.54	ng	0.00
7) Phenol-d6	7.146	99	1401424	107.62	ng	0.00
23) Nitrobenzene-d5	9.146	82	1081139	107.42	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	744950	176.74	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	2334871	94.01	ng	0.00
79) Terphenyl-d14	19.892	244	3650642	95.69	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.904	139	118	4.18	ng	# 23
32) Benzoic acid	10.063	122	776	5.16	ng	# 39
48) 2-Nitroaniline	13.863	65	243	4.53	ng	# 42
51) 2,6-Dinitrotoluene	14.292	165	52	5.07	ng	92
53) 3-Nitroaniline	14.498	138	56	3.66	ng	# 36
54) 2,4-Dinitrophenol	14.686	184	38	6.54	ng	# 1
56) 4-Nitrophenol	14.951	139	207	3.78	ng	97
57) 2,4-Dinitrotoluene	14.957	165	294	4.30	ng	# 72
62) 4-Nitroaniline	15.669	138	93	3.64	ng	# 32
80) Butylbenzylphthalate	20.669	149	626	4.16	ng	90

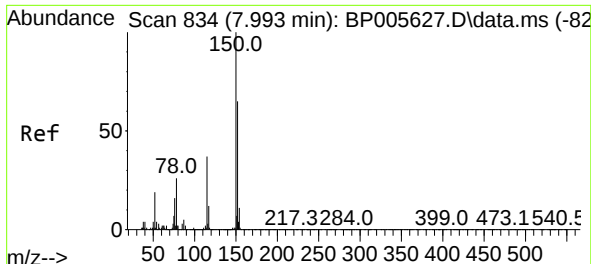
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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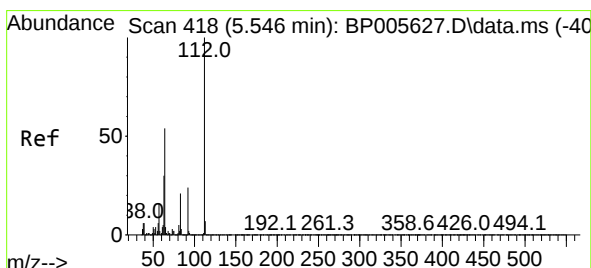
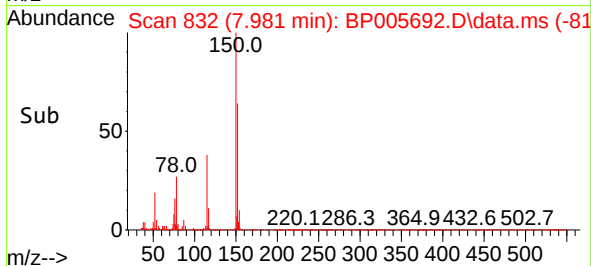
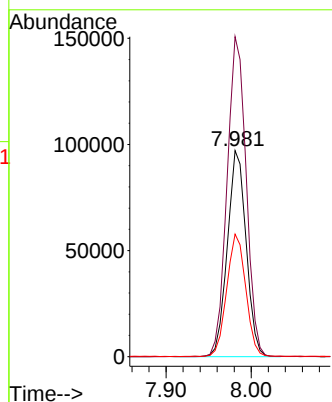
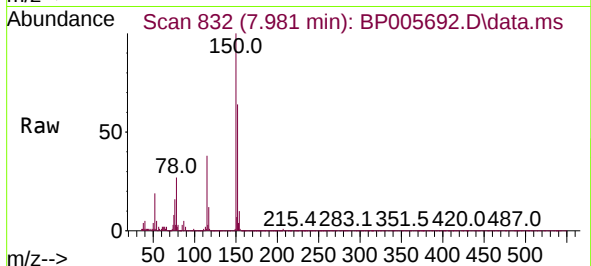




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

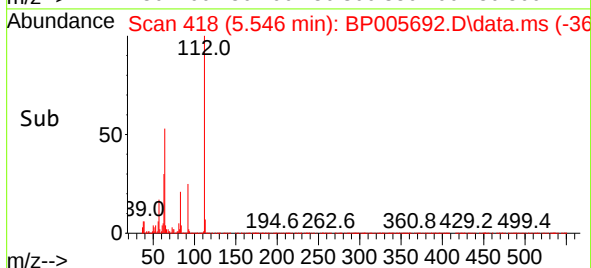
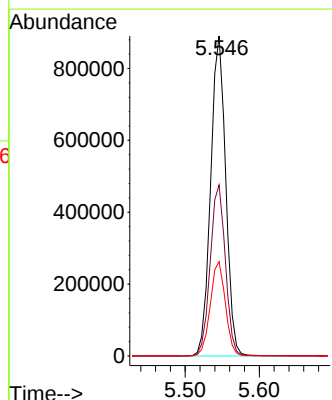
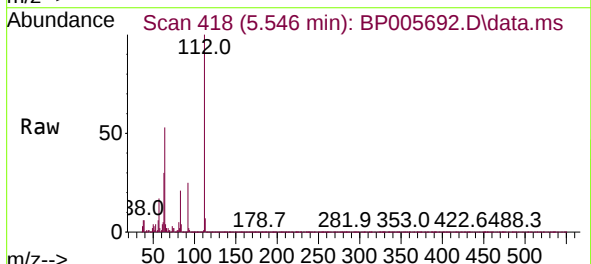
Instrument :
BNA_P
ClientSampleId :
C0AA0

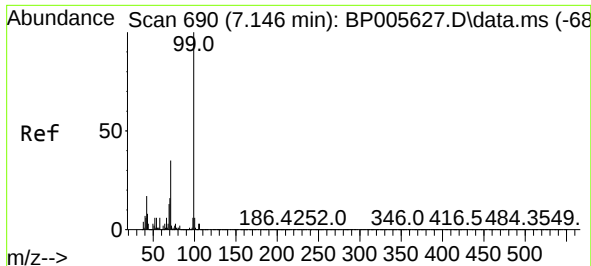
Tgt Ion:152 Resp: 148513
Ion Ratio Lower Upper
152 100
150 155.3 119.8 179.8
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 131.54 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:112 Resp: 1256488
Ion Ratio Lower Upper
112 100
64 53.5 33.6 50.4#
63 29.5 18.6 27.8#

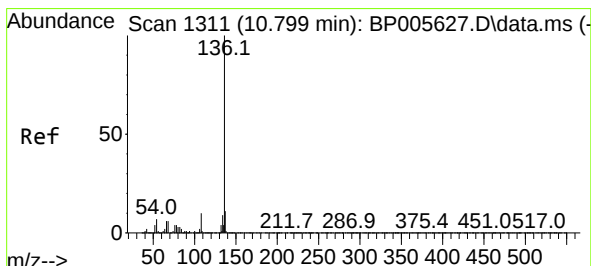
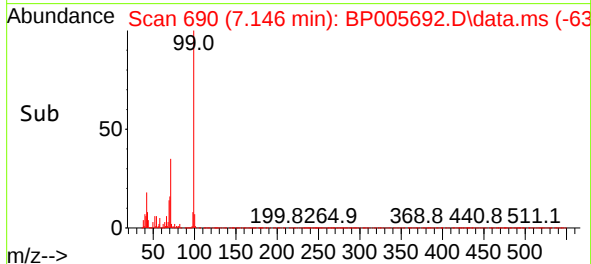
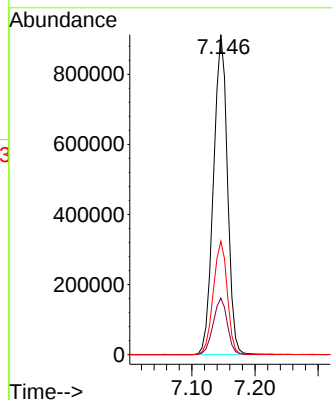
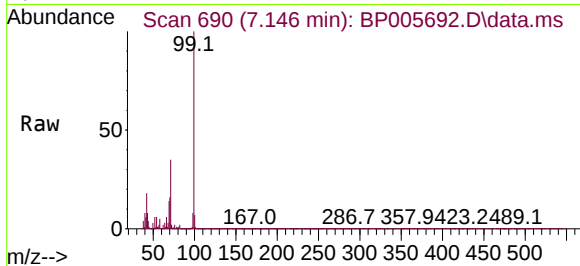




#7
Phenol-d6
Concen: 107.62 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

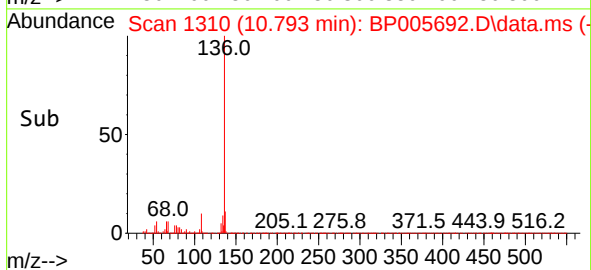
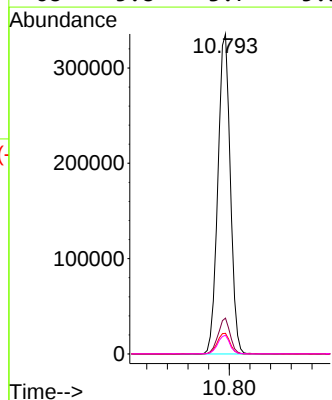
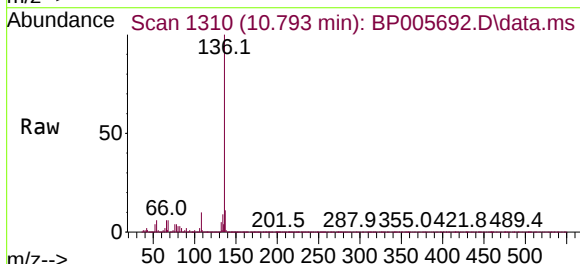
Instrument :
BNA_P
ClientSampleId :
C0AA0

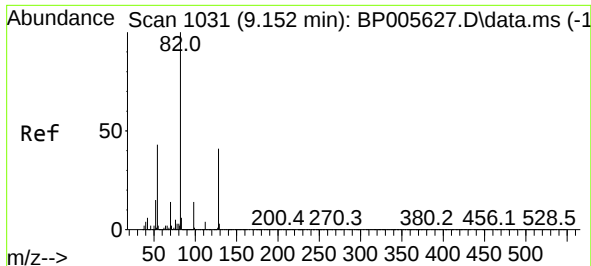
Tgt Ion: 99 Resp: 1401424
Ion Ratio Lower Upper
99 100
42 17.7 12.9 19.3
71 35.4 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:136 Resp: 559722
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.5 5.0 7.4
68 5.8 3.7 5.5#

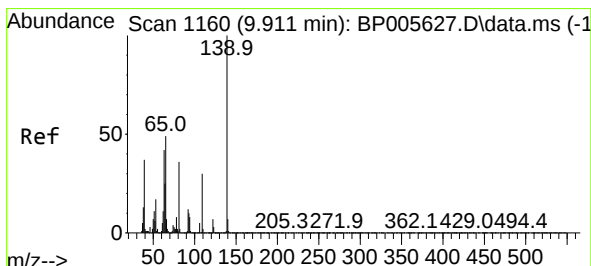
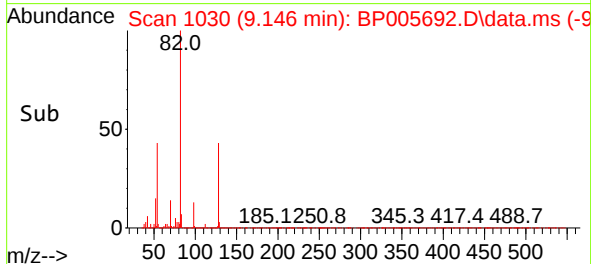
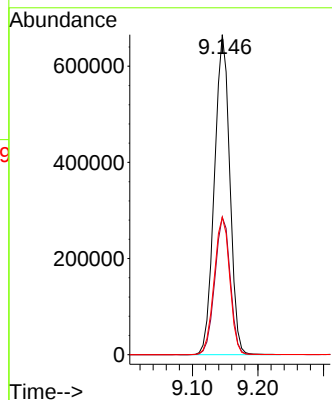
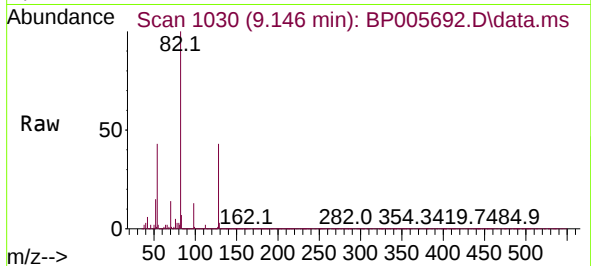




#23
Nitrobenzene-d5
Concen: 107.42 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

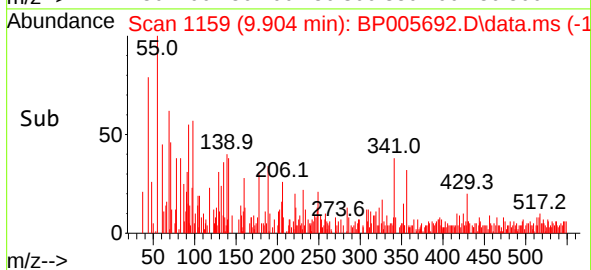
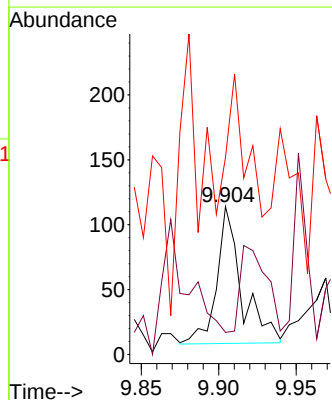
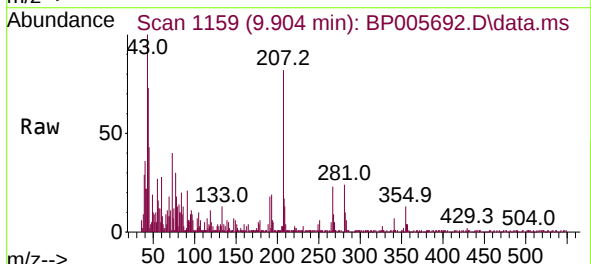
Instrument :
BNA_P
ClientSampleId :
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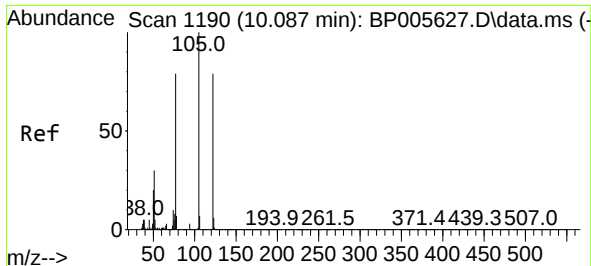
Tgt Ion: 82 Resp: 1081139
Ion Ratio Lower Upper
82 100
128 43.0 30.5 45.7
54 42.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.18 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.007 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion: 139 Resp: 118
Ion Ratio Lower Upper
139 100
109 14.9 40.7 61.1#
65 133.3 47.8 71.6#

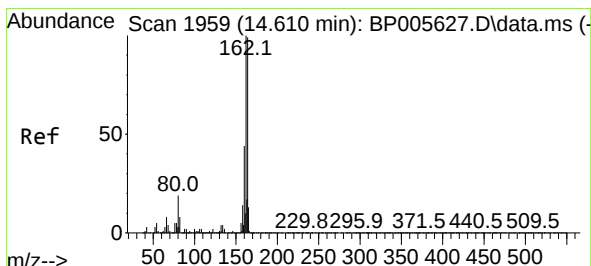
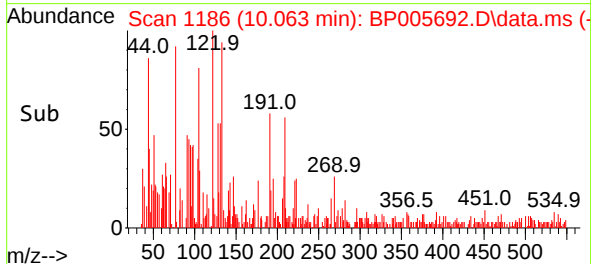
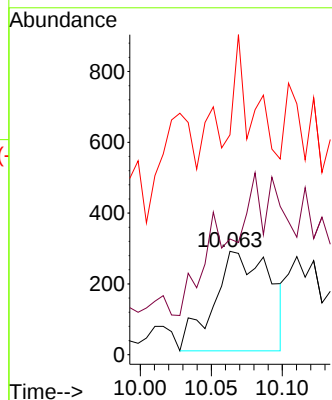
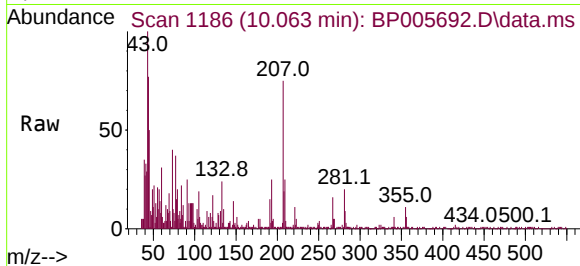




#32
Benzoic acid
Concen: 5.16 ng
RT: 10.063 min Scan# 1186
Delta R.T. -0.024 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

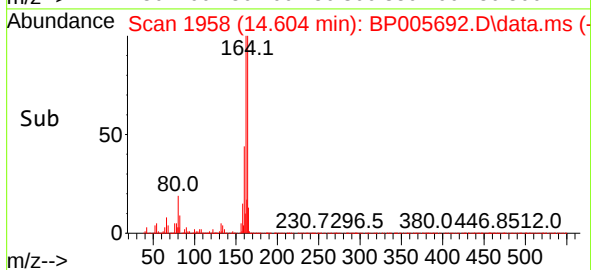
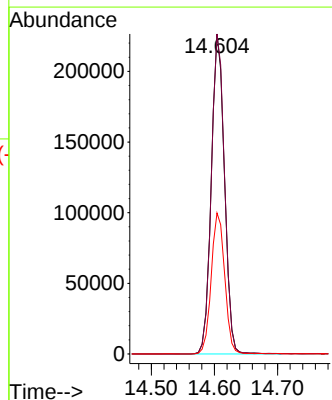
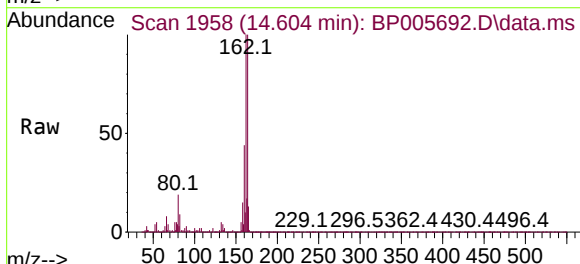
Instrument :
BNA_P
ClientSampleId :
C0AA0

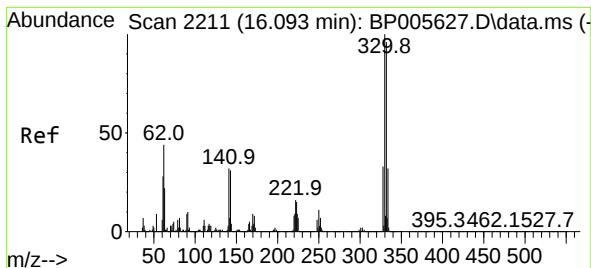
Tgt Ion:122 Resp: 776
Ion Ratio Lower Upper
122 100
105 112.0 105.1 145.1
77 212.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:164 Resp: 328695
Ion Ratio Lower Upper
164 100
162 99.9 73.5 110.3
160 44.0 40.6 61.0

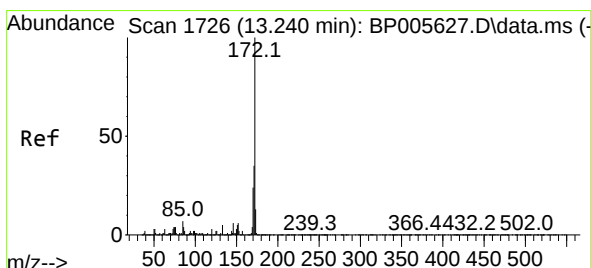
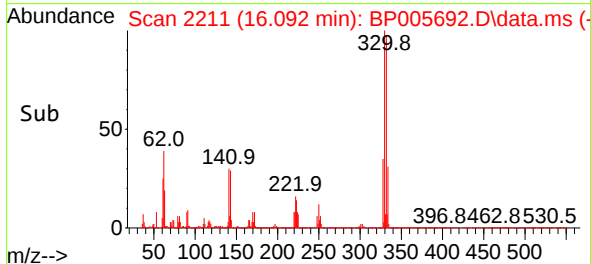
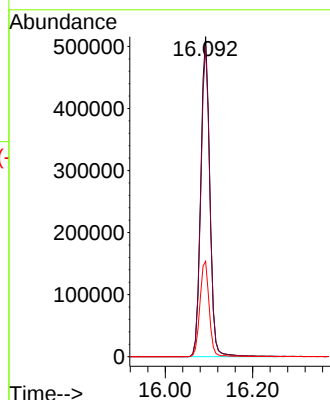
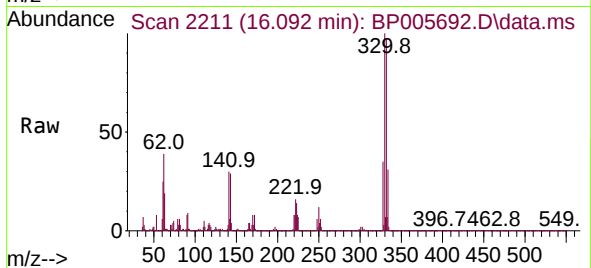




#42
2,4,6-Tribromophenol
Concen: 176.74 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

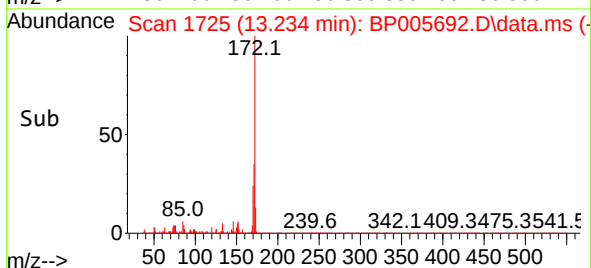
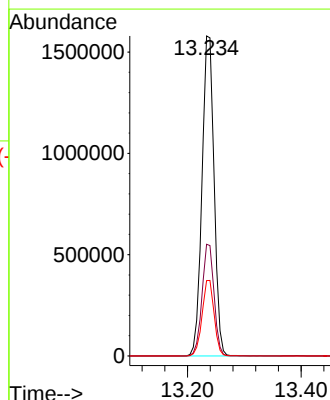
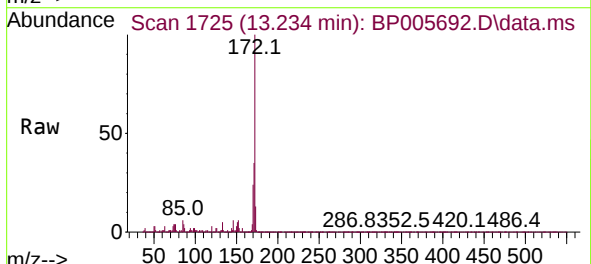
Instrument :
BNA_P
ClientSampleId :
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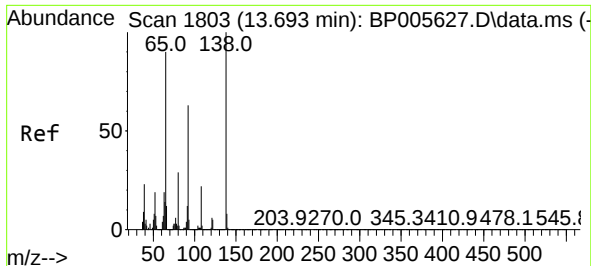
Tgt Ion:330 Resp: 744950
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 30.5 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 94.01 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:172 Resp: 2334871
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 19.6 29.4

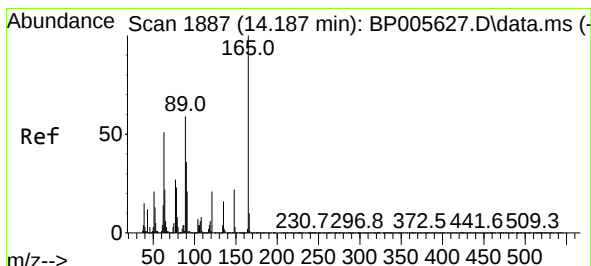
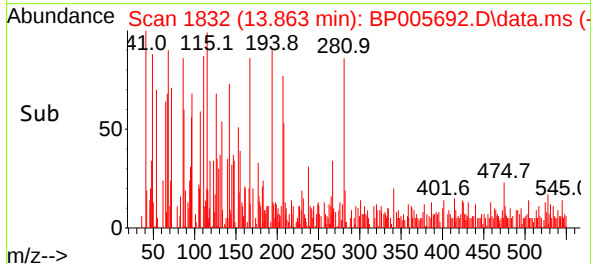
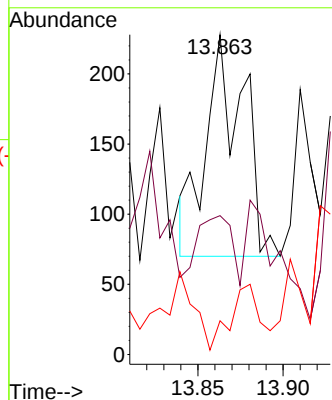
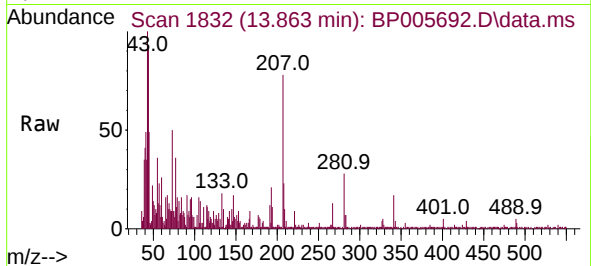




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.170 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

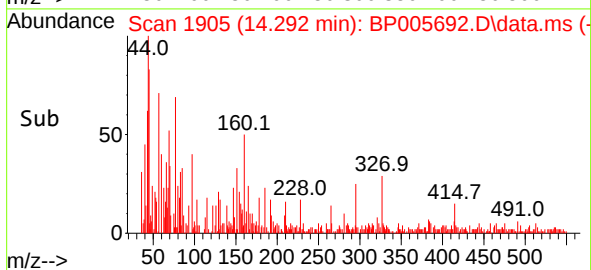
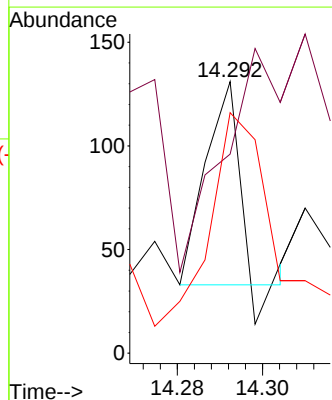
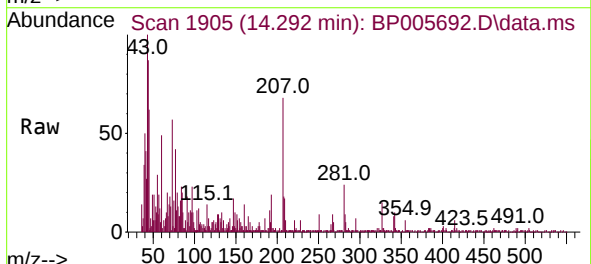
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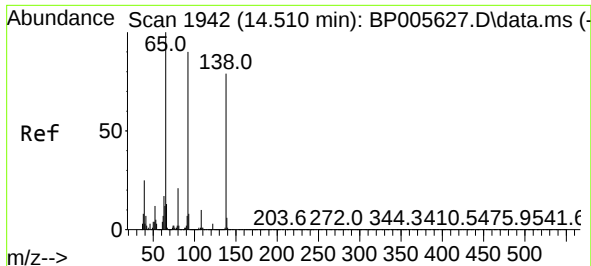
Tgt Ion: 65 Resp: 243
Ion Ratio Lower Upper
65 100
92 43.4 48.8 73.2#
138 10.5 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.292 min Scan# 1905
Delta R.T. 0.105 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:165 Resp: 52
Ion Ratio Lower Upper
165 100
63 73.3 67.4 101.0
89 88.5 73.8 110.6

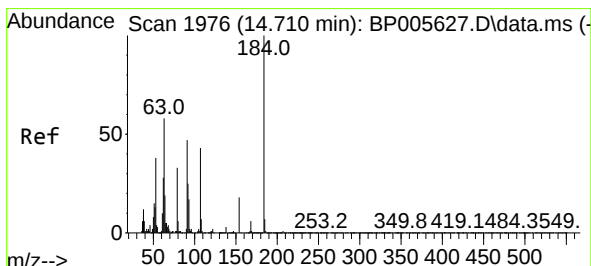
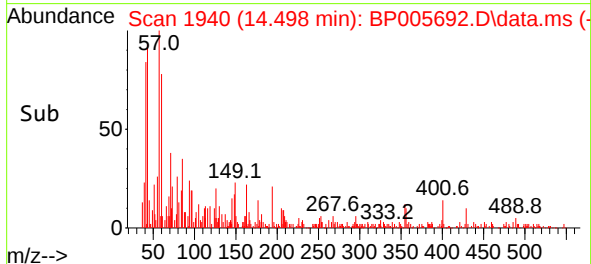
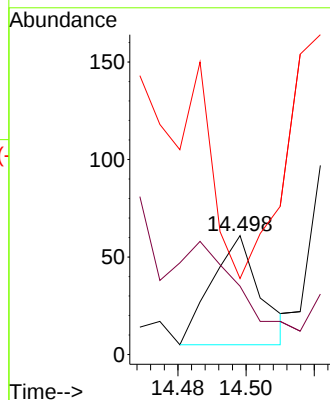
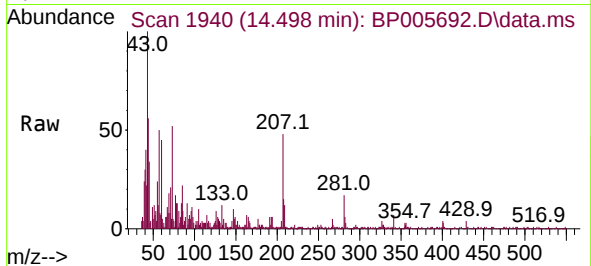




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

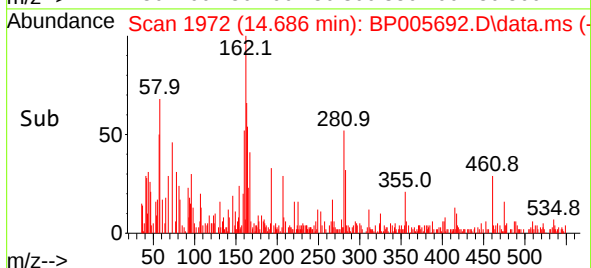
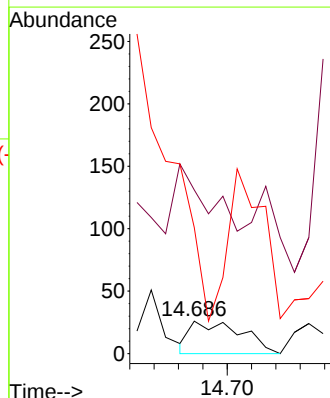
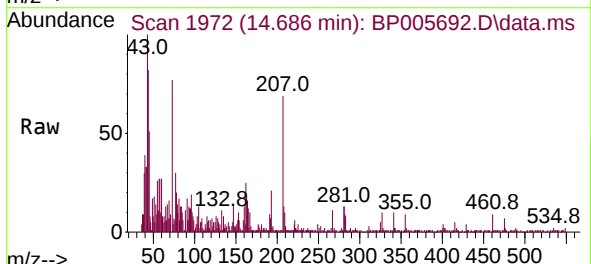
Instrument :
BNA_P
ClientSampled :
C0AA0

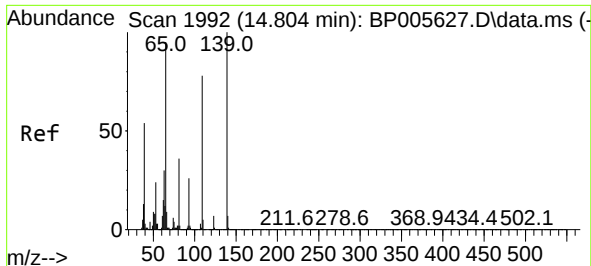
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 57.4 10.2 15.4#
92 63.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.024 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 503.8 51.2 76.8#
154 388.5 55.8 83.8#

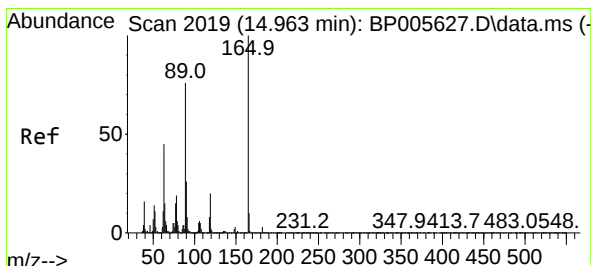
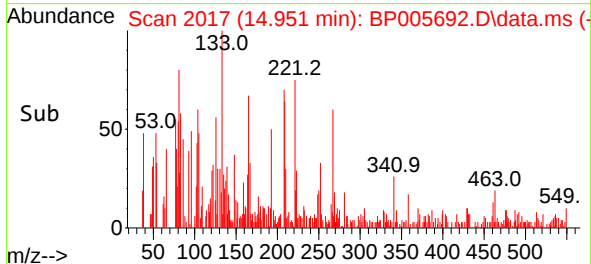
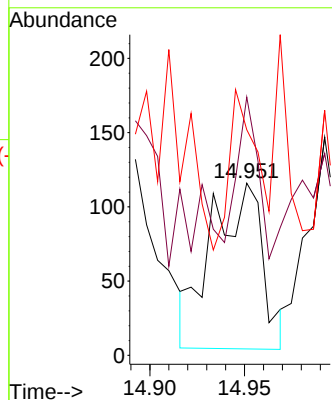
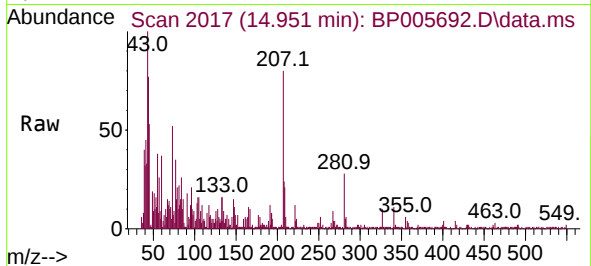




#56
4-Nitrophenol
Concen: 3.78 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.147 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

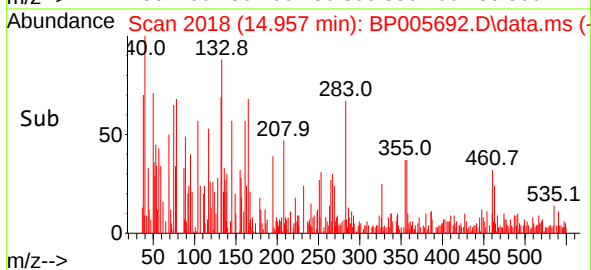
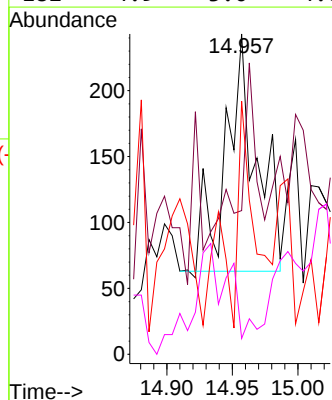
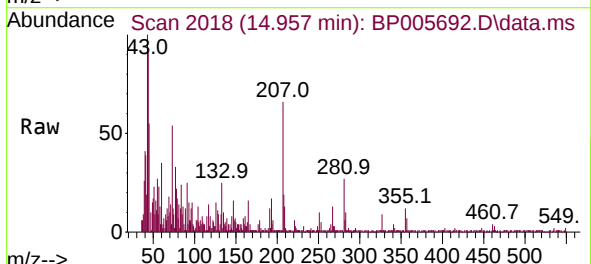
Instrument :
BNA_P
ClientSampled :
C0AA0

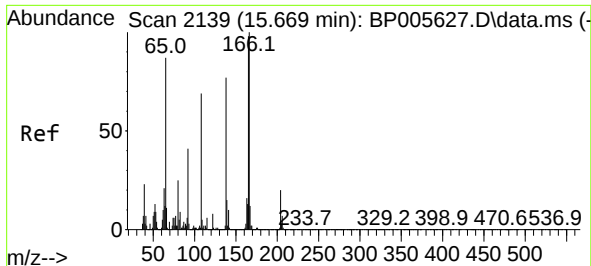
Tgt Ion:139 Resp: 207
Ion Ratio Lower Upper
139 100
109 150.0 122.8 162.8
65 131.0 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:165 Resp: 294
Ion Ratio Lower Upper
165 100
63 44.9 56.7 85.1#
89 79.0 85.8 128.6#
182 4.9 3.0 4.6#

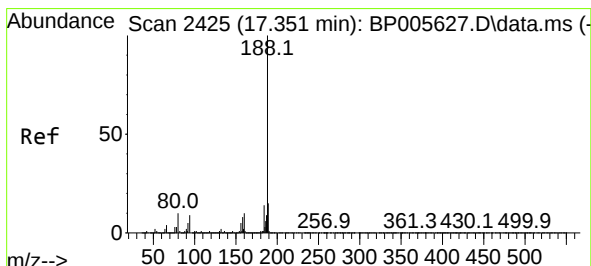
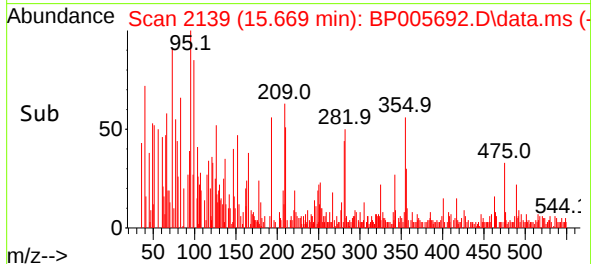
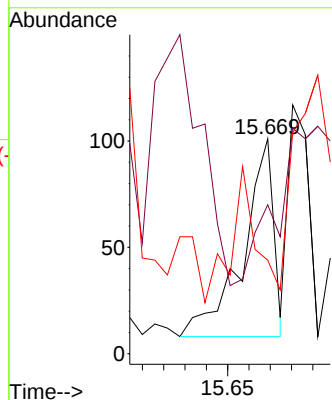
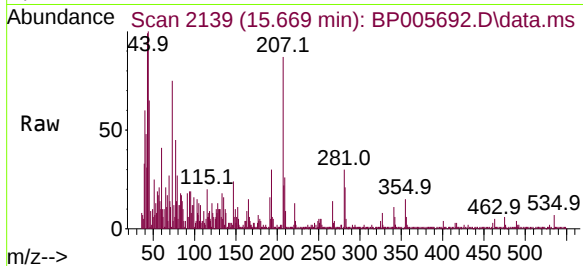




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

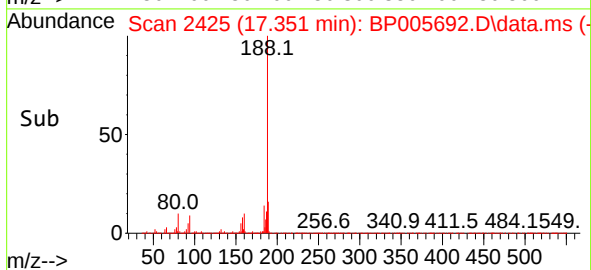
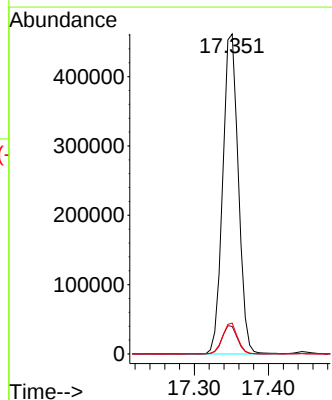
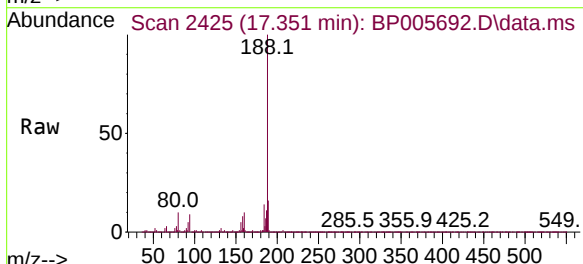
Instrument :
BNA_P
ClientSampled :
C0AA0

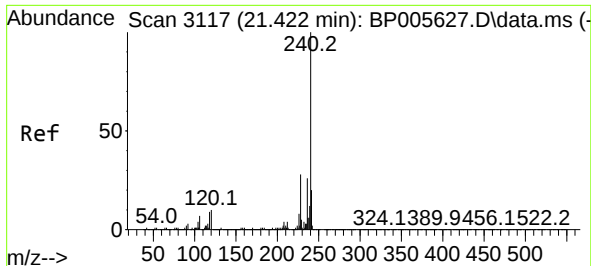
Tgt Ion:138 Resp: 93
Ion Ratio Lower Upper
138 100
92 69.3 50.9 90.9
108 43.6 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:188 Resp: 675478
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.6#
80 9.6 5.9 8.9#

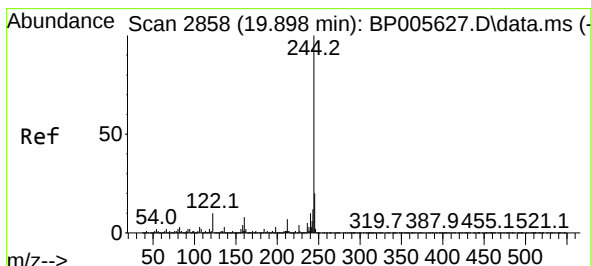
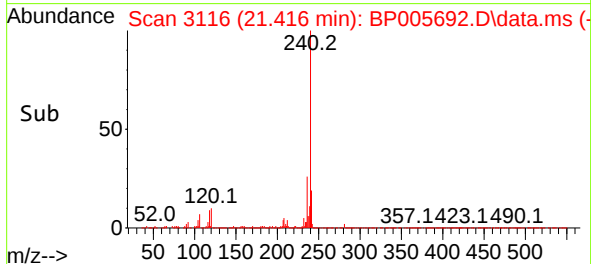
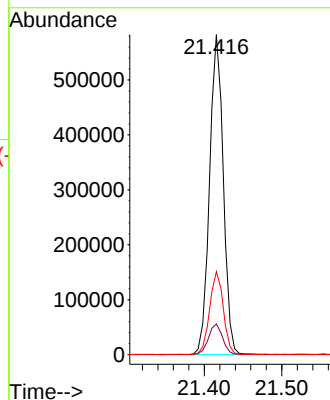
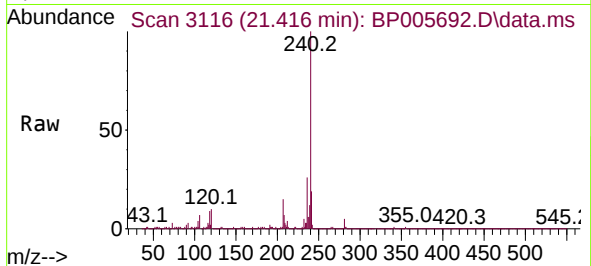




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

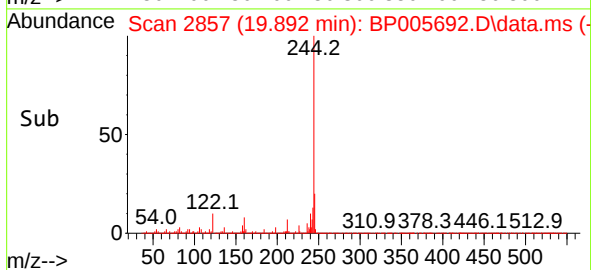
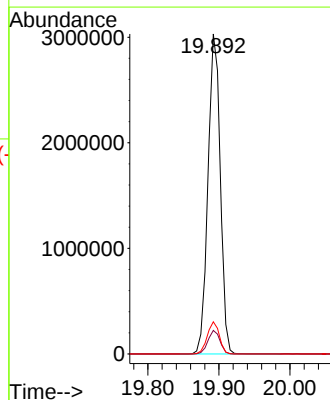
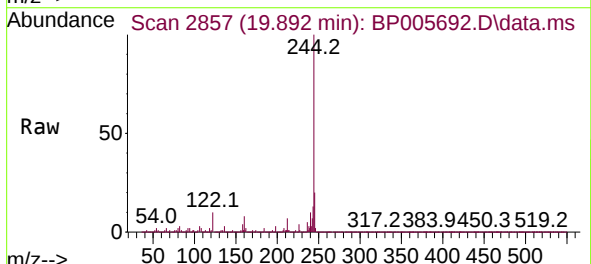
Instrument :
BNA_P
ClientSampleId :
C0AA0

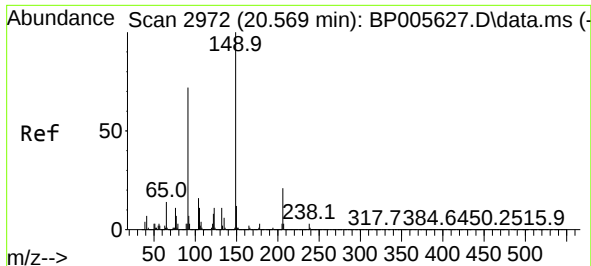
Tgt Ion:240 Resp: 715841
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 95.69 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:244 Resp: 3650642
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.0 5.2 7.8#

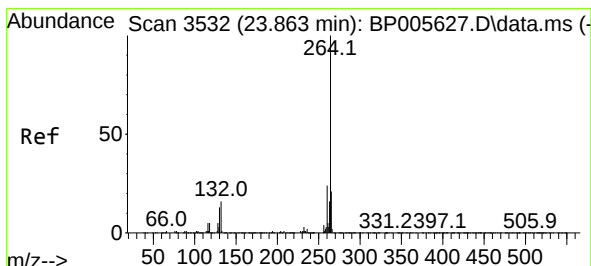
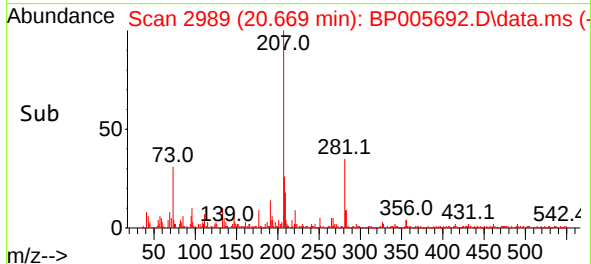
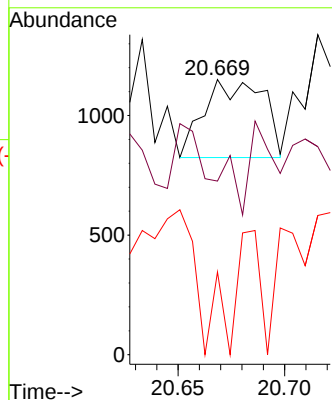
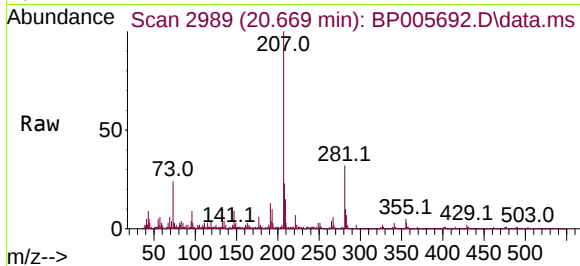




#80
Butylbenzylphthalate
Concen: 4.16 ng
RT: 20.669 min Scan# 2989
Delta R.T. 0.100 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Instrument :
BNA_P
ClientSampled :
C0AA0

Tgt Ion:149 Resp: 626
Ion Ratio Lower Upper
149 100
91 63.1 60.2 90.4
206 30.1 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005692.D
Acq: 03 Jun 2021 18:06

Tgt Ion:264 Resp: 834709
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 22.0 19.0 28.6

