

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005651.D
 Acq On : 28 May 2021 22:00
 Operator : CG/JU
 Sample : M2560-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S1-COMP-A-B-C-D

Quant Time: May 28 22:55:29 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)

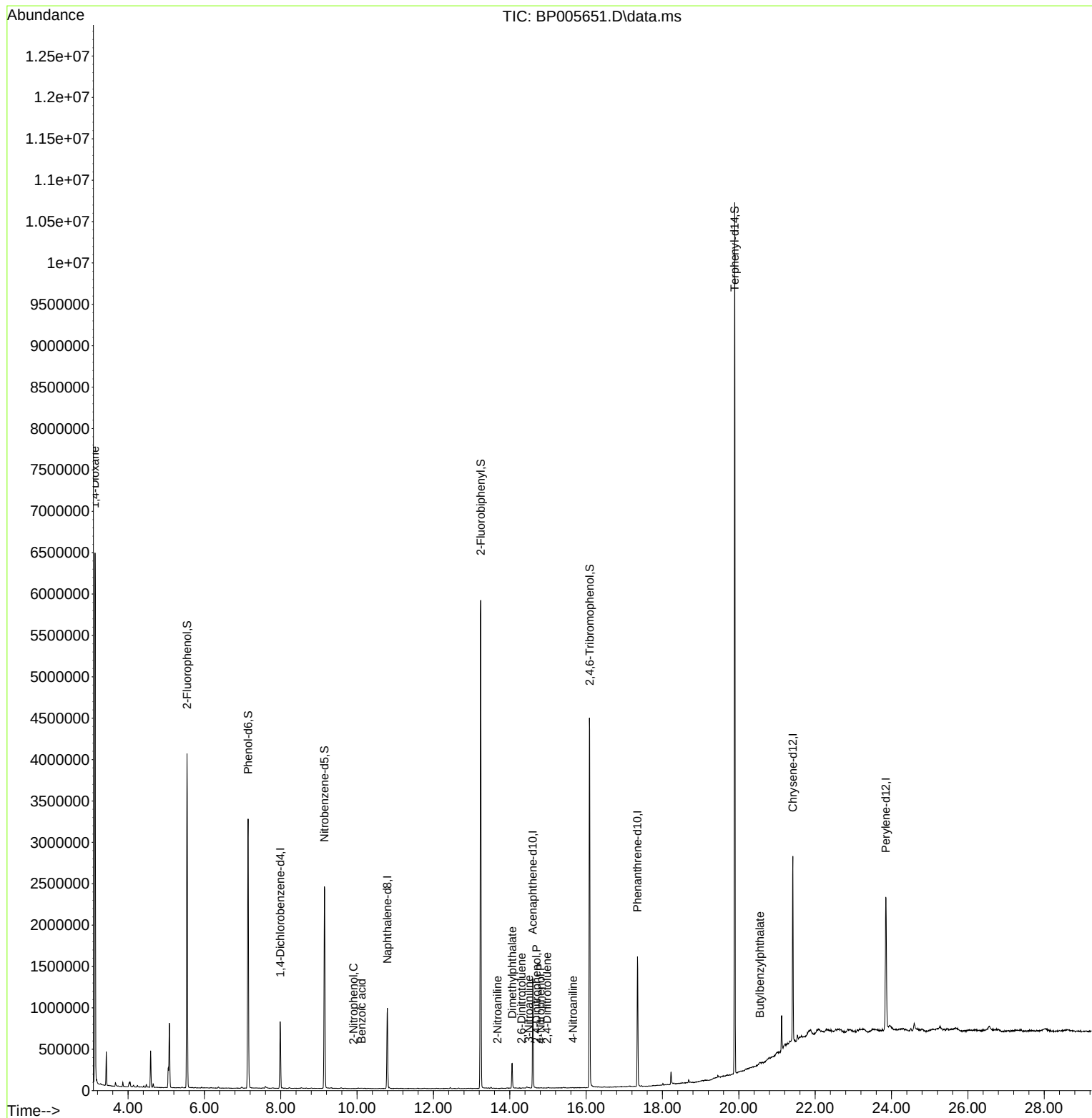
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	212658	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	787848	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	446013	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	924231	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1017719	20.00	ng	# 0.00
86) Perylene-d12	23.851	264	1231765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1683244	123.06	ng	0.00
7) Phenol-d6	7.146	99	1828624	98.07	ng	0.00
23) Nitrobenzene-d5	9.146	82	1435447	101.33	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	877073	153.36	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2989777	88.71	ng	0.00
79) Terphenyl-d14	19.892	244	4564286	84.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	35102	5.61	ng	# 1
26) 2-Nitrophenol	9.905	139	50	4.16	ng	# 1
32) Benzoic acid	10.122	122	180	5.04	ng	# 37
48) 2-Nitroaniline	13.675	65	43	4.49	ng	# 49
50) Dimethylphthalate	14.063	163	203699	5.74	ng	99
51) 2,6-Dinitrotoluene	14.310	165	141	5.07	ng	86
53) 3-Nitroaniline	14.498	138	56	3.66	ng	# 83
54) 2,4-Dinitrophenol	14.704	184	24	6.53	ng	# 1
56) 4-Nitrophenol	14.810	139	99	3.76	ng	# 42
57) 2,4-Dinitrotoluene	14.975	165	193	4.28	ng	# 60
62) 4-Nitroaniline	15.657	138	58	3.64	ng	# 23
80) Butylbenzylphthalate	20.551	149	1518	4.18	ng	# 83

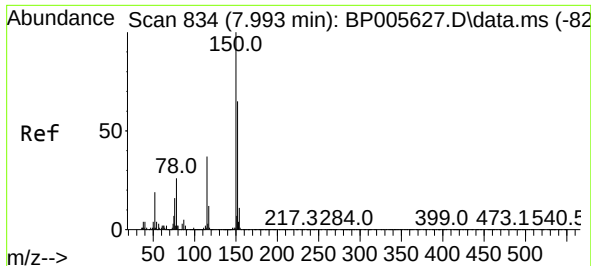
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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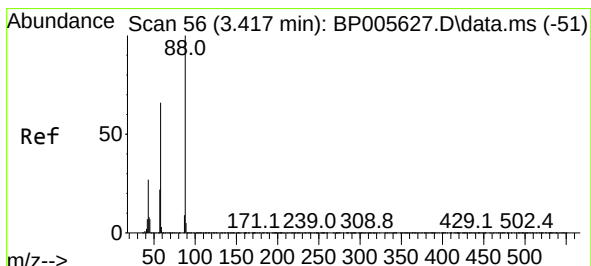
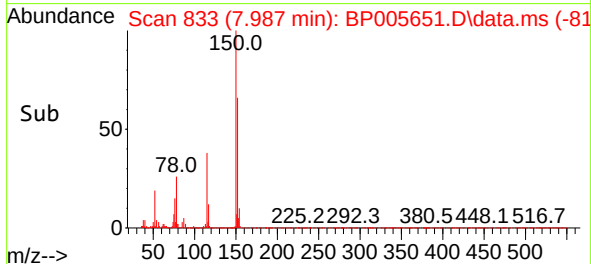
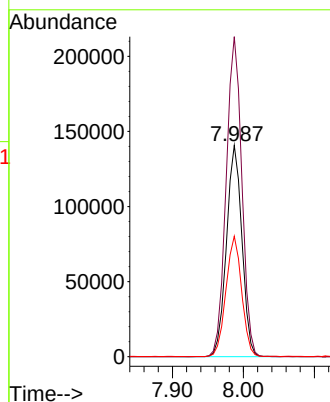
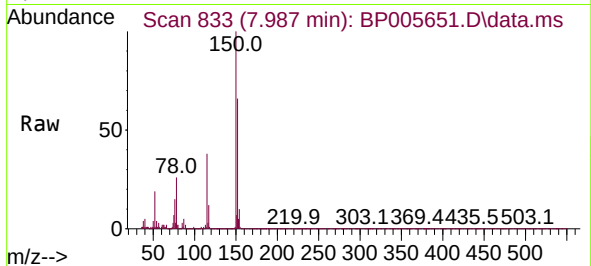




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

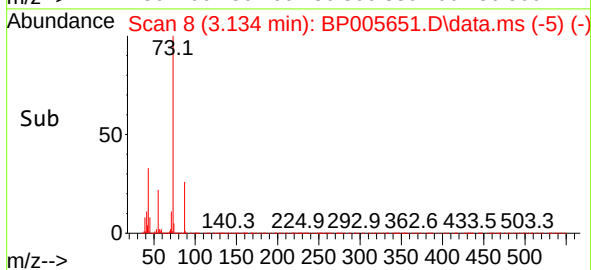
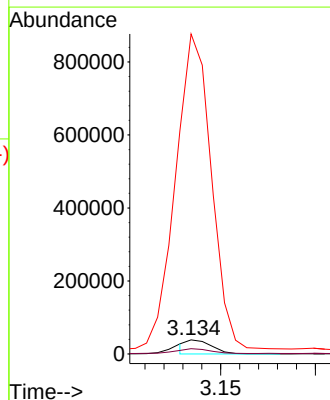
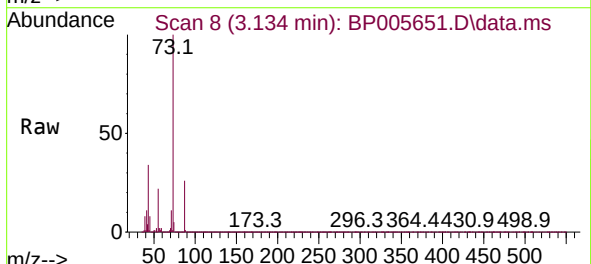
Instrument :
BNA_P
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S1-COMP-A-B-C-D

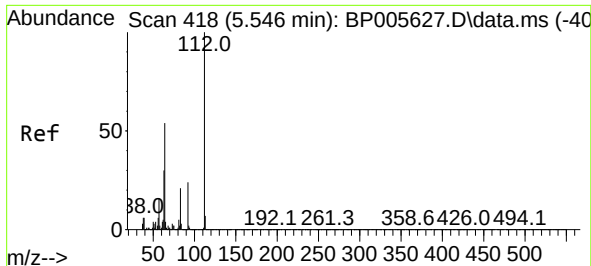
Tgt Ion:152 Resp: 212658
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 57.0 49.0 73.4



#2
1,4-Dioxane
Concen: 5.61 ng
RT: 3.134 min Scan# 8
Delta R.T. -0.282 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion: 88 Resp: 35102
Ion Ratio Lower Upper
88 100
58 33.2 42.5 63.7#
43 2229.8 19.8 29.8#

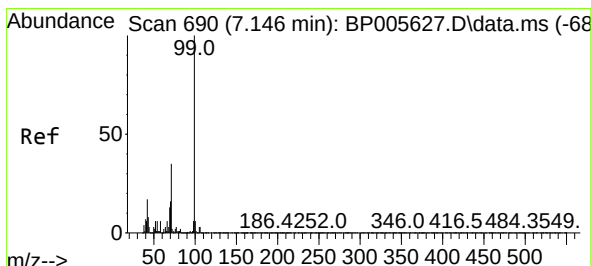
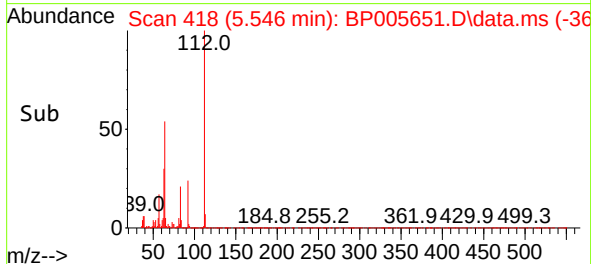
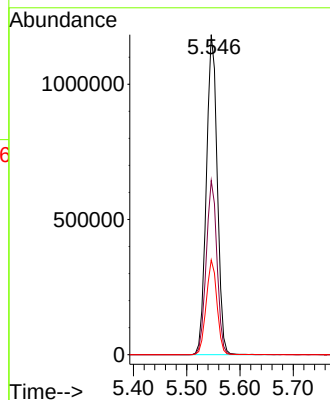
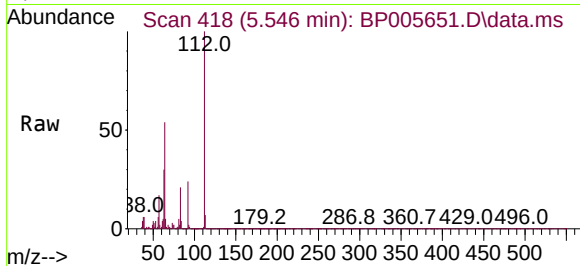




#5
2-Fluorophenol
Concen: 123.06 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

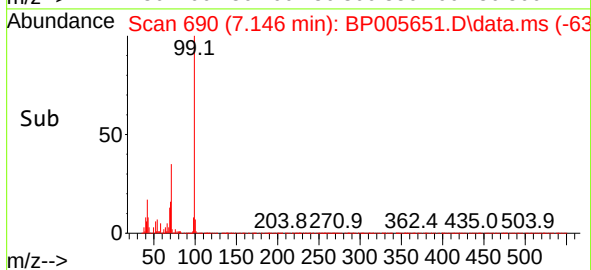
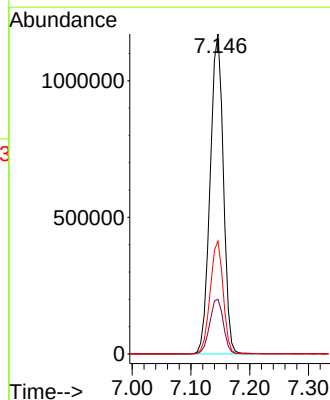
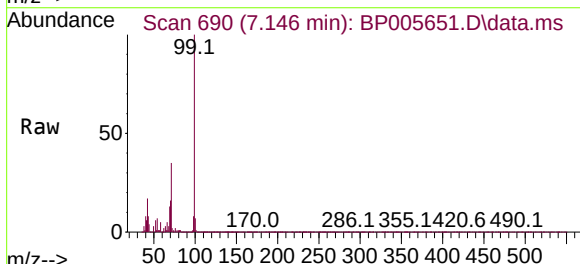
Instrument :
BNA_P
ClientSampleId :
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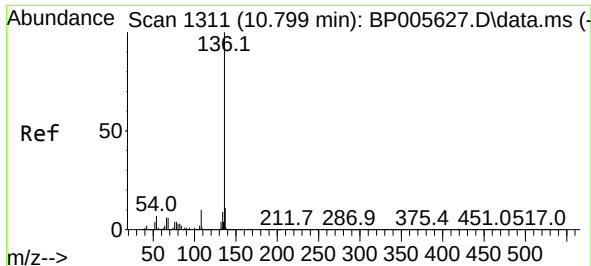
Tgt Ion:112 Resp: 1683244
Ion Ratio Lower Upper
112 100
64 54.4 33.6 50.4#
63 29.6 18.6 27.8#



#7
Phenol-d6
Concen: 98.07 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion: 99 Resp: 1828624
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 35.2 26.7 40.1

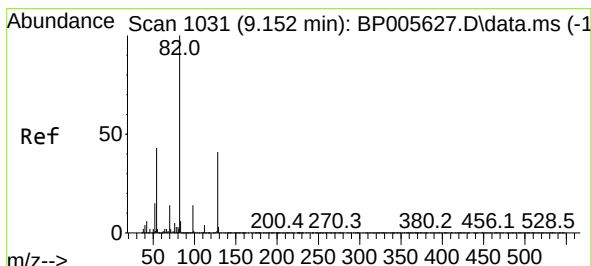
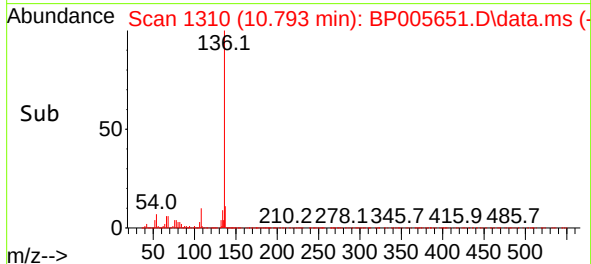
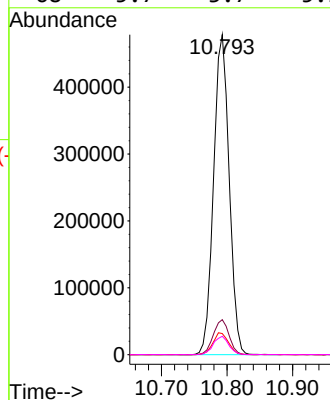
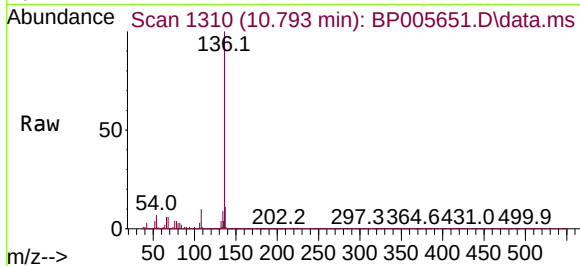




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

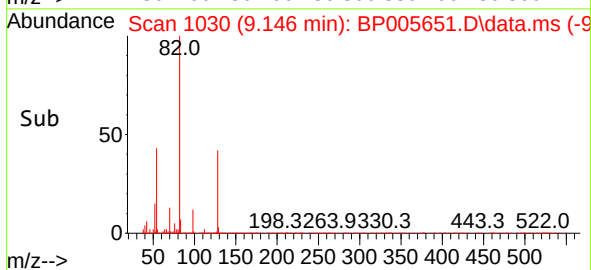
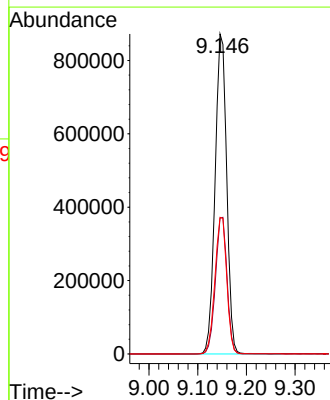
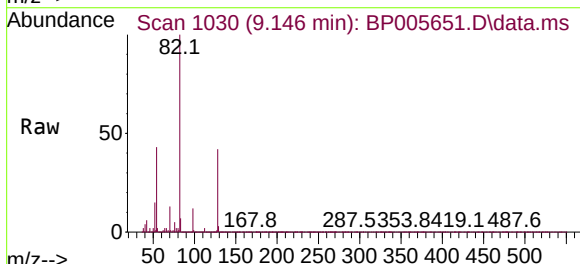
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

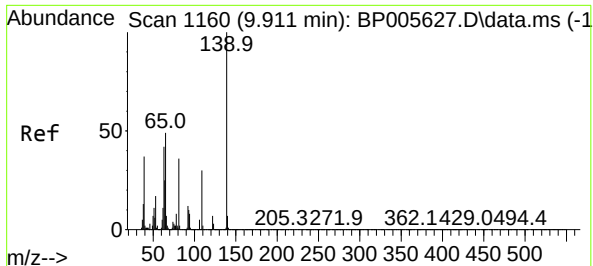
Tgt Ion:	136	Resp:	787848
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.0	7.4
68	5.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 101.33 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:	82	Resp:	1435447
Ion	Ratio	Lower	Upper
82	100		
128	42.5	30.5	45.7
54	42.7	33.9	50.9

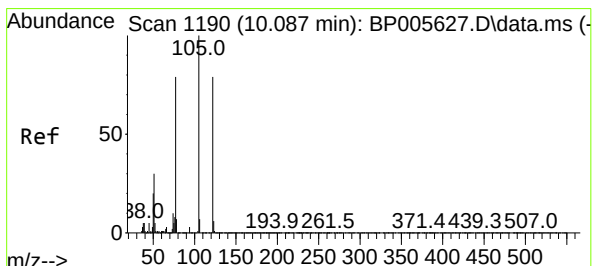
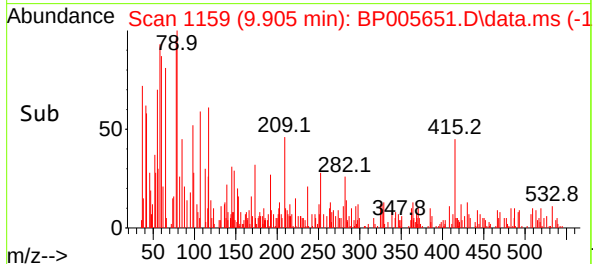
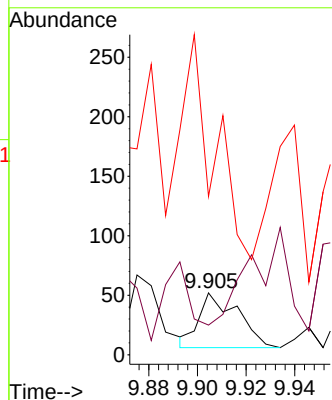
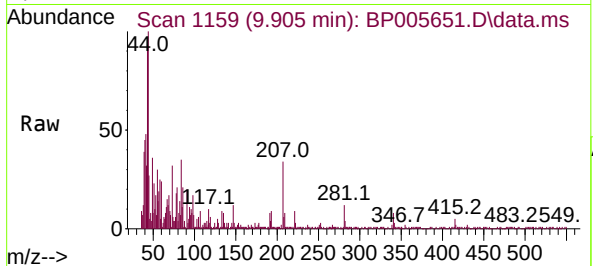




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

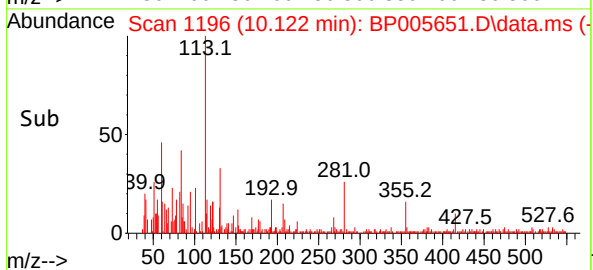
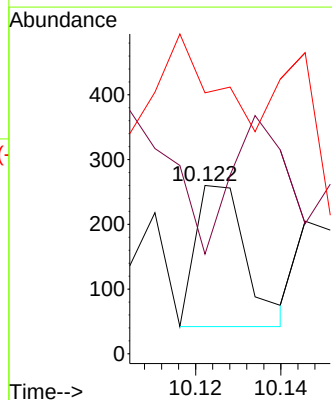
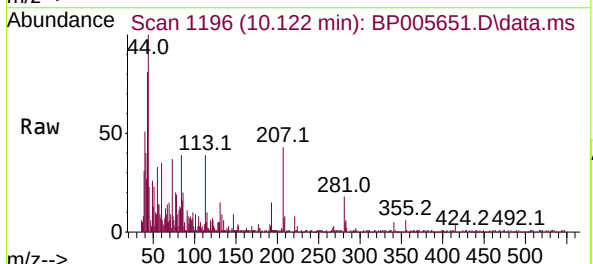
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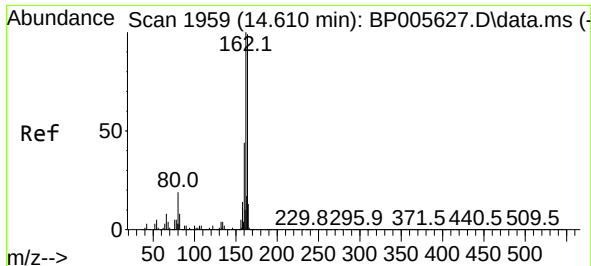
Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 48.1 40.7 61.1
65 255.8 47.8 71.6#



#32
Benzoic acid
Concen: 5.04 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.035 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 59.2 105.1 145.1#
77 155.0 69.6 109.6#

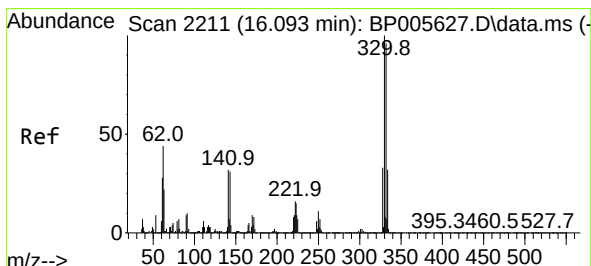
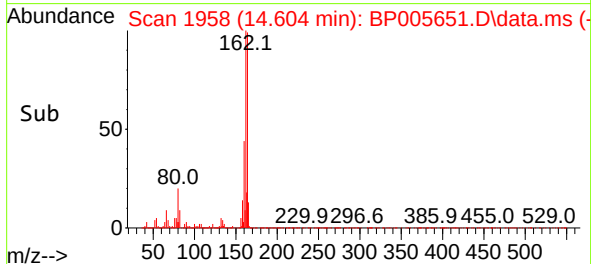
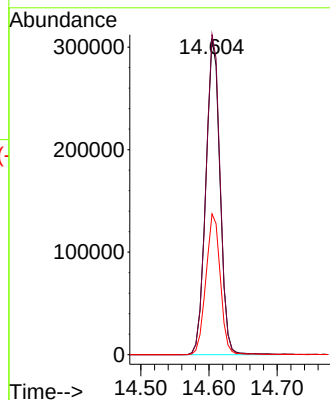
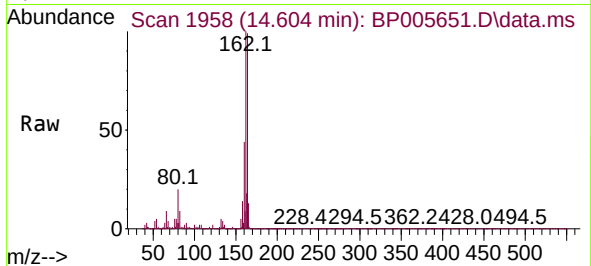




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

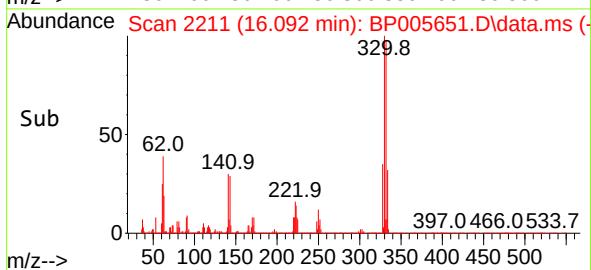
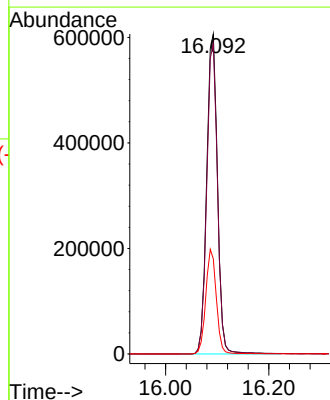
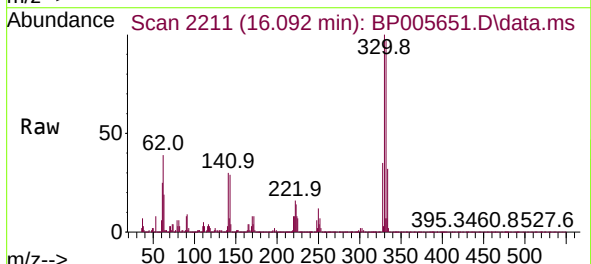
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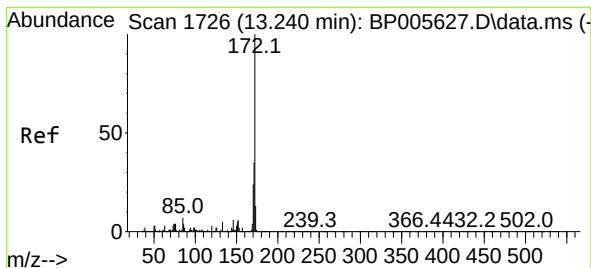
Tgt Ion:164 Resp: 446013
Ion Ratio Lower Upper
164 100
162 101.2 73.5 110.3
160 44.5 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 153.36 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:330 Resp: 877073
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 31.9 22.8 34.2



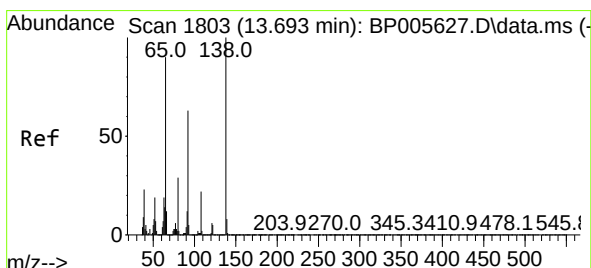
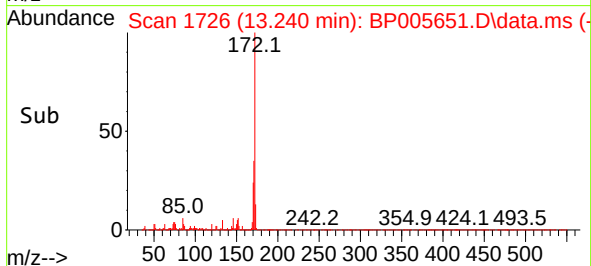
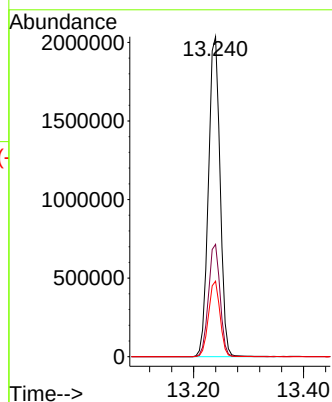
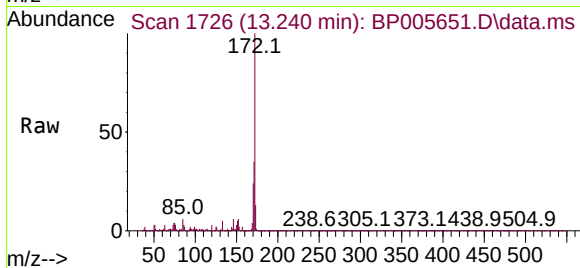


#45
2-Fluorobiphenyl
Concen: 88.71 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 2989777

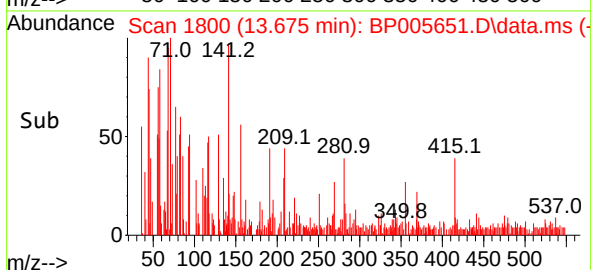
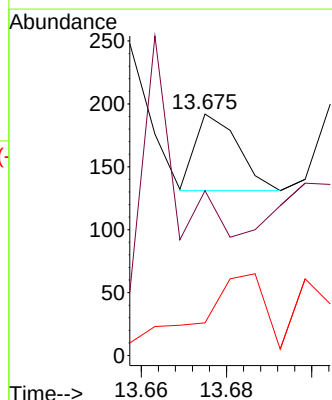
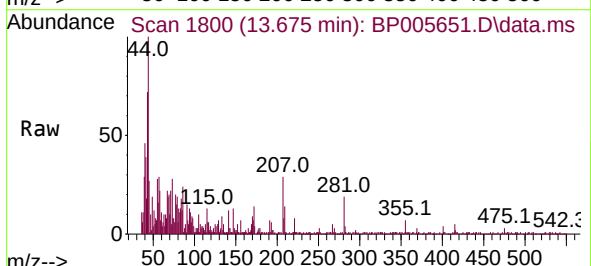
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.6	19.6	29.4

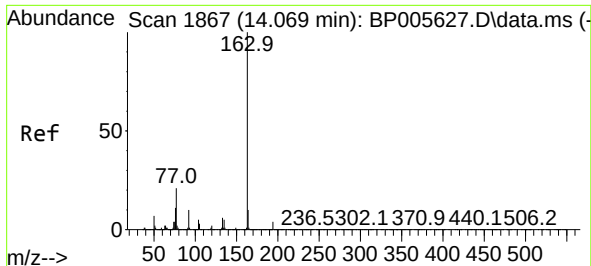


#48
2-Nitroaniline
Concen: 4.49 ng
RT: 13.675 min Scan# 1800
Delta R.T. -0.018 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion: 65 Resp: 43

Ion	Ratio	Lower	Upper
65	100		
92	68.2	48.8	73.2
138	13.5	69.5	104.3

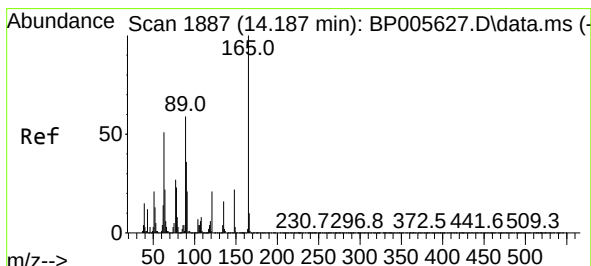
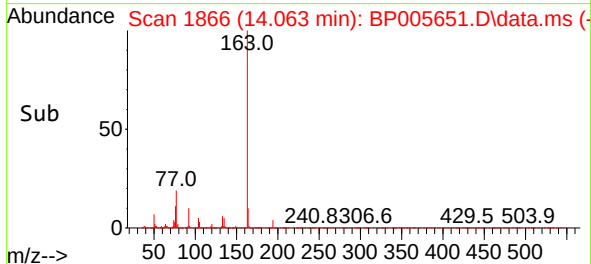
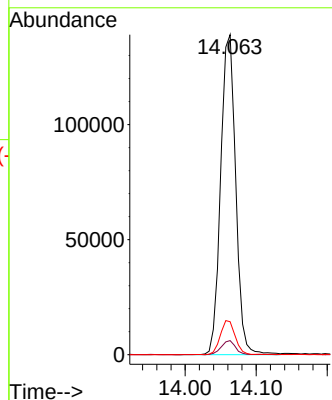
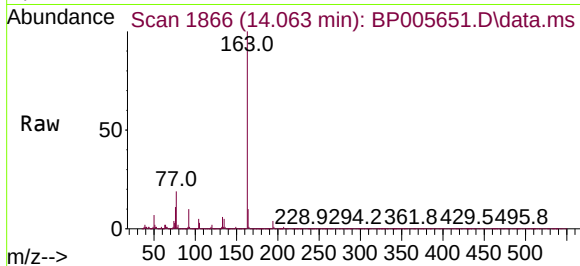




#50
Dimethylphthalate
Concen: 5.74 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

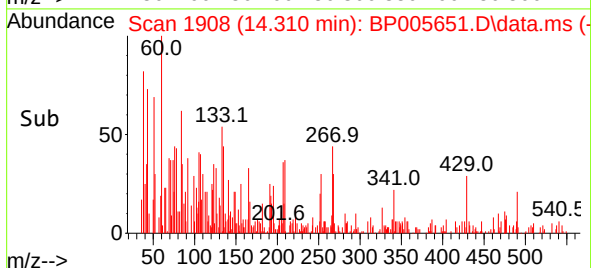
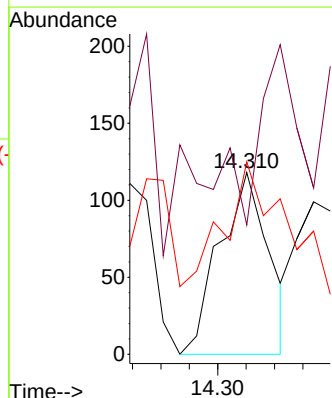
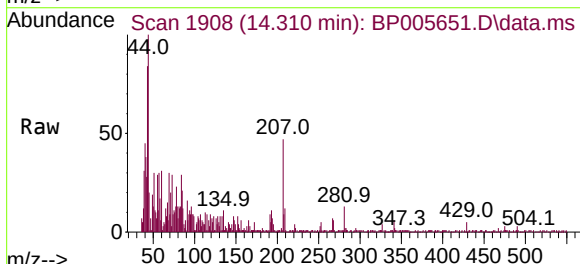
Instrument :
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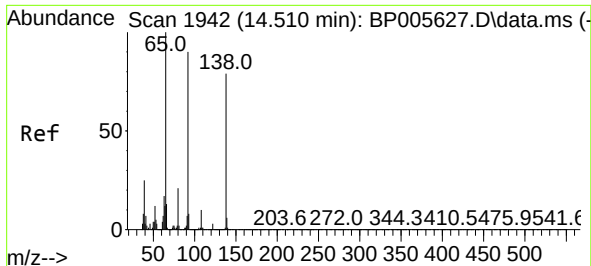
Tgt Ion:163 Resp: 203699
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.123 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:165 Resp: 141
Ion Ratio Lower Upper
165 100
63 71.2 67.4 101.0
89 105.9 73.8 110.6

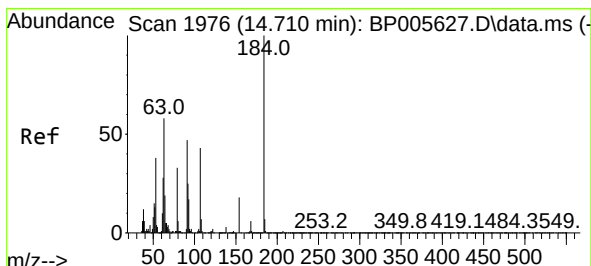
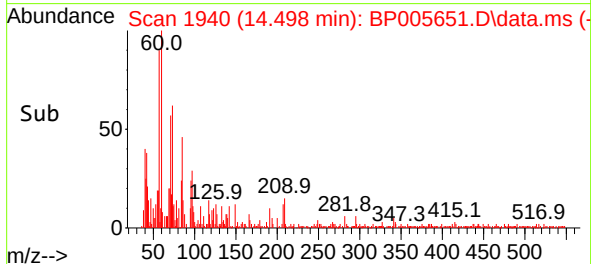
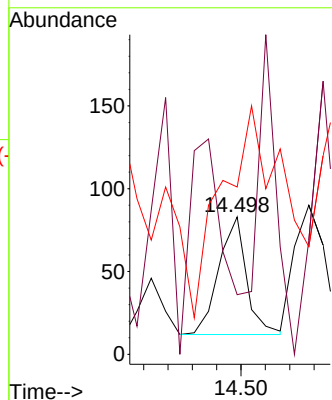
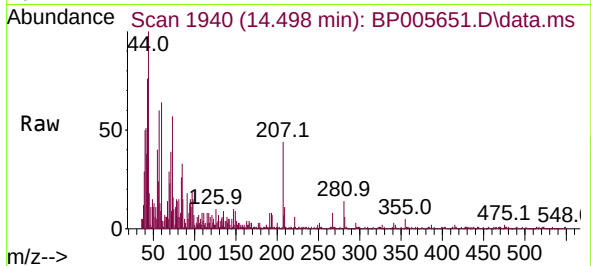




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

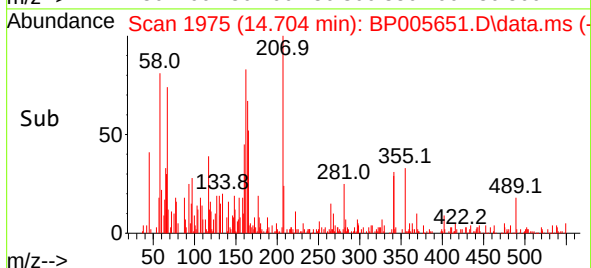
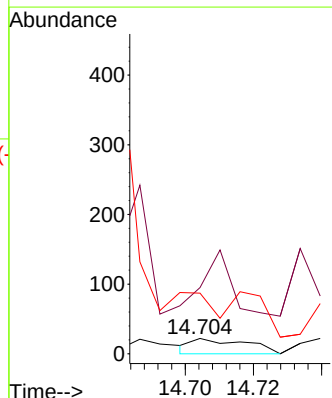
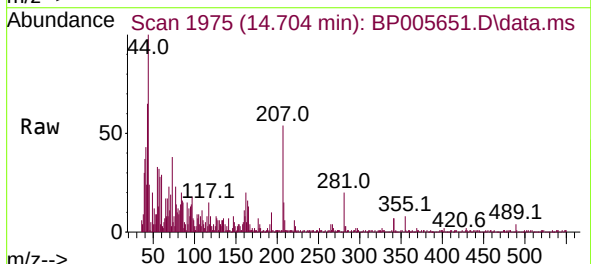
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

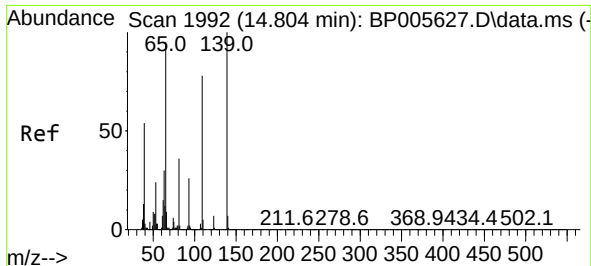
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 43.4 10.2 15.4#
92 121.7 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 431.8 51.2 76.8#
154 395.5 55.8 83.8#

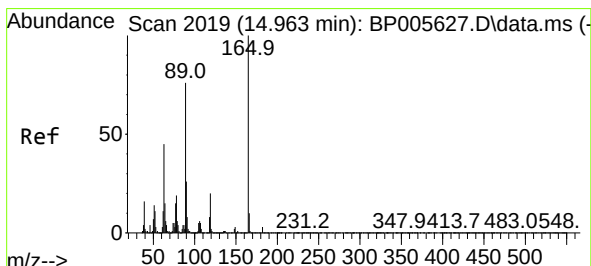
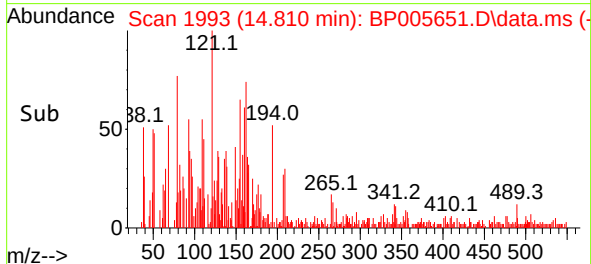
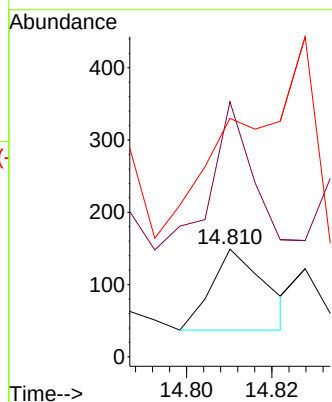
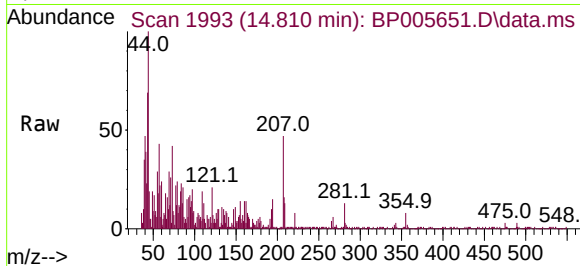




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

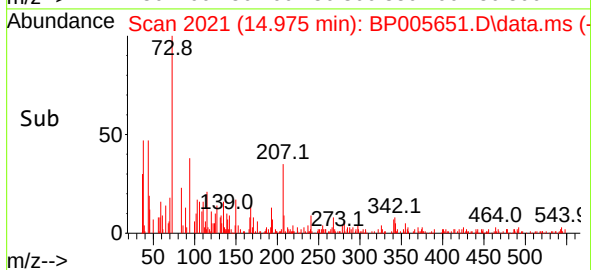
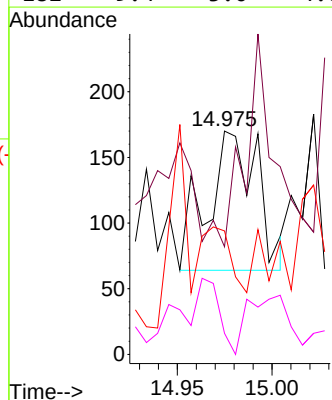
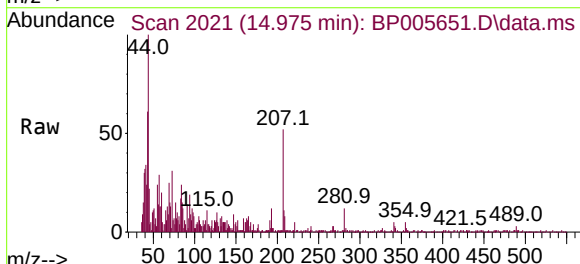
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

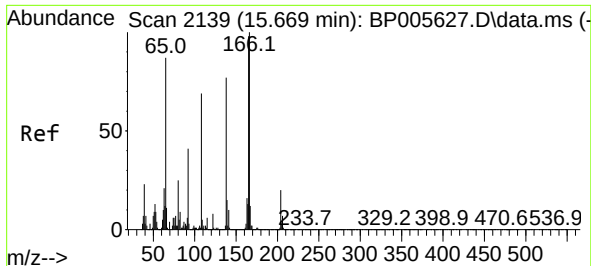
Tgt Ion:139 Resp: 99
Ion Ratio Lower Upper
139 100
109 212.7 122.8 162.8#
65 198.8 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:165 Resp: 193
Ion Ratio Lower Upper
165 100
63 48.2 56.7 85.1#
89 55.3 85.8 128.6#
182 9.4 3.0 4.6#

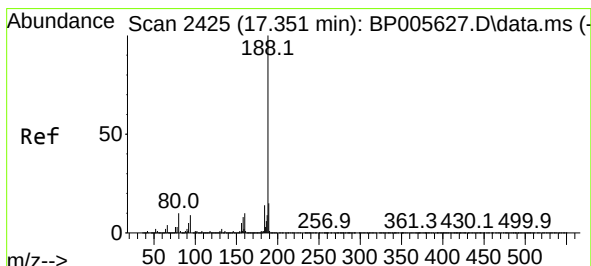
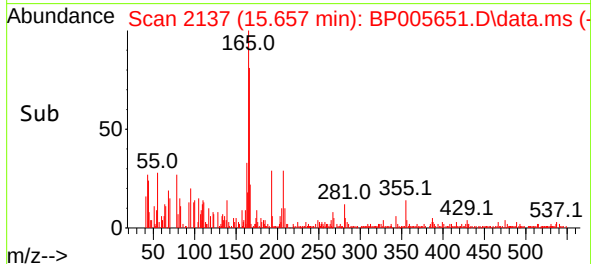
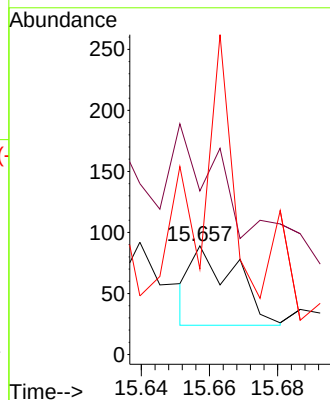
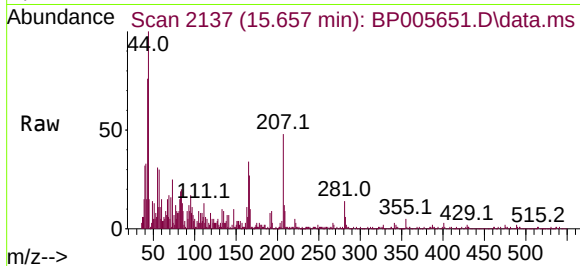




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

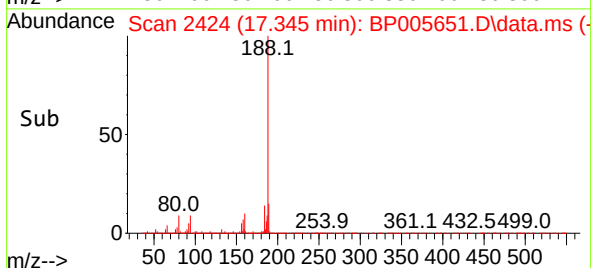
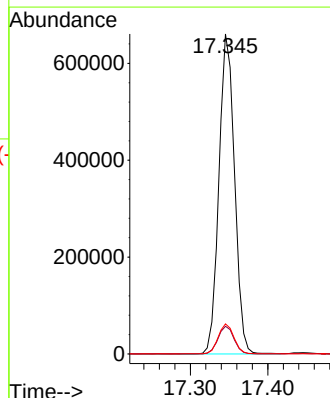
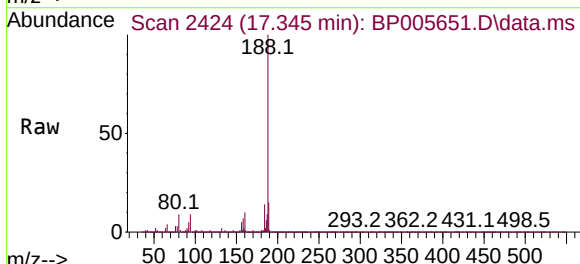
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

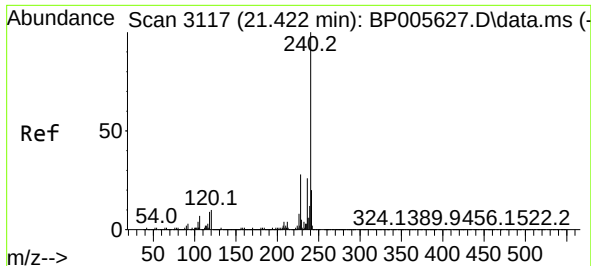
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 150.6 50.9 90.9#
108 78.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:188 Resp: 924231
Ion Ratio Lower Upper
188 100
94 8.7 5.0 7.6#
80 9.4 5.9 8.9#

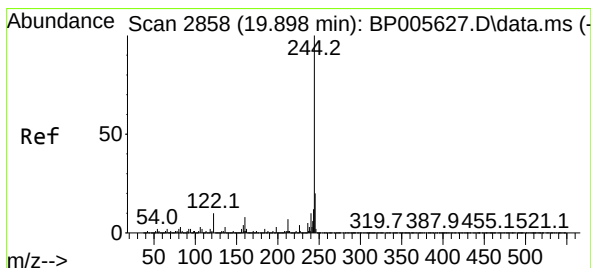
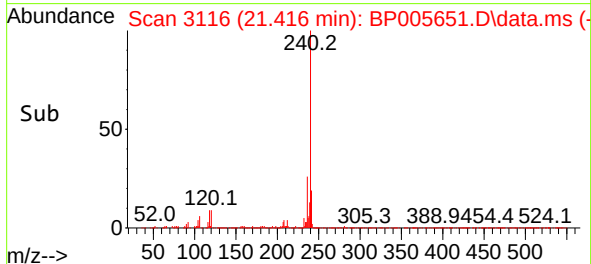
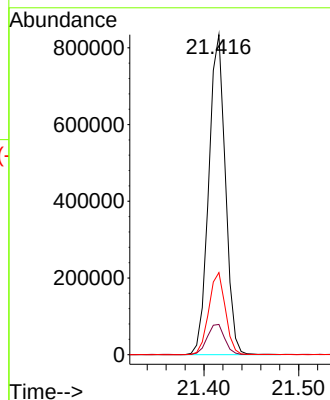
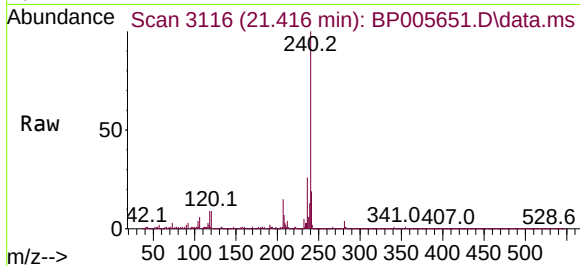




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

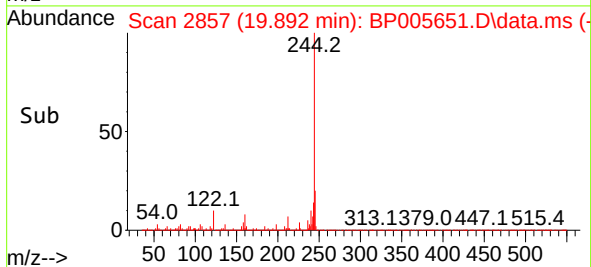
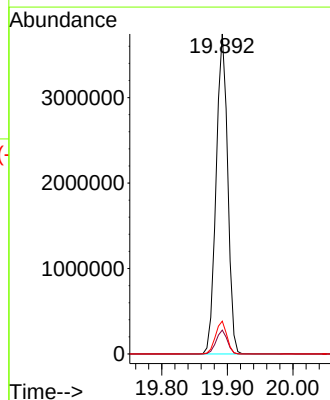
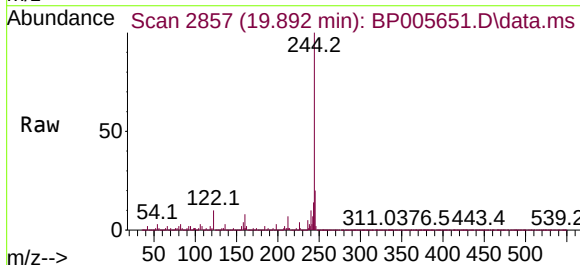
Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

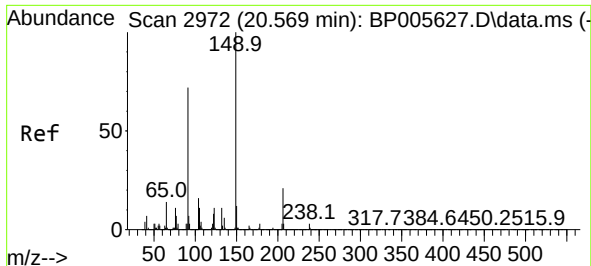
Tgt Ion:240 Resp: 1017719
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 84.16 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:244 Resp: 4564286
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.3 5.2 7.8#

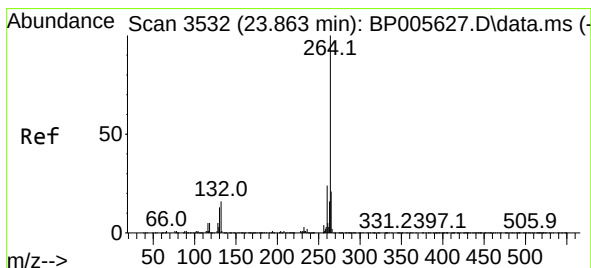
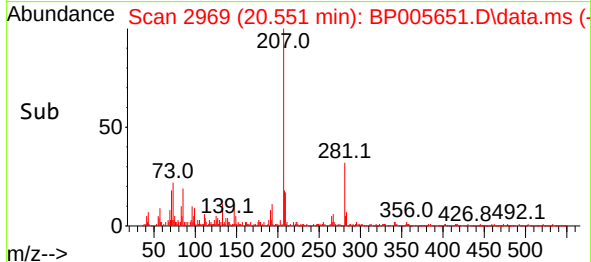
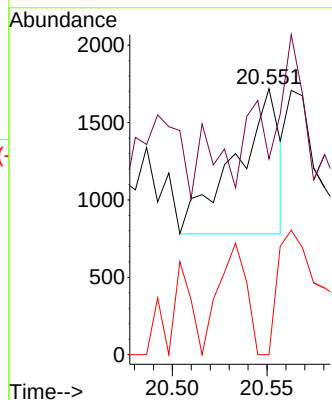
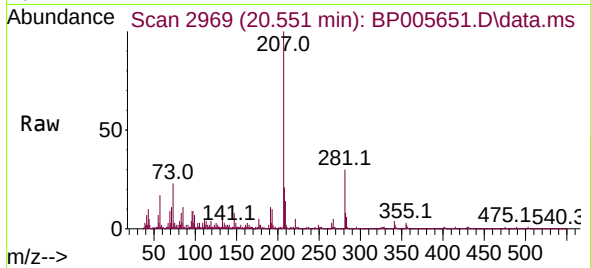




#80
Butylbenzylphthalate
Concen: 4.18 ng
RT: 20.551 min Scan# 2969
Delta R.T. -0.018 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-D

Tgt Ion:149 Resp: 1518
Ion Ratio Lower Upper
149 100
91 73.6 60.2 90.4
206 0.0 23.9 35.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP005651.D
Acq: 28 May 2021 22:00

Tgt Ion:264 Resp: 1231765
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.9 19.0 28.6

