

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
 Data File : BP009288.D
 Acq On : 07 Mar 2022 16:43
 Operator : CG/JU
 Sample : N1708-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B5-20.5-21.0

Quant Time: Mar 07 17:13:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

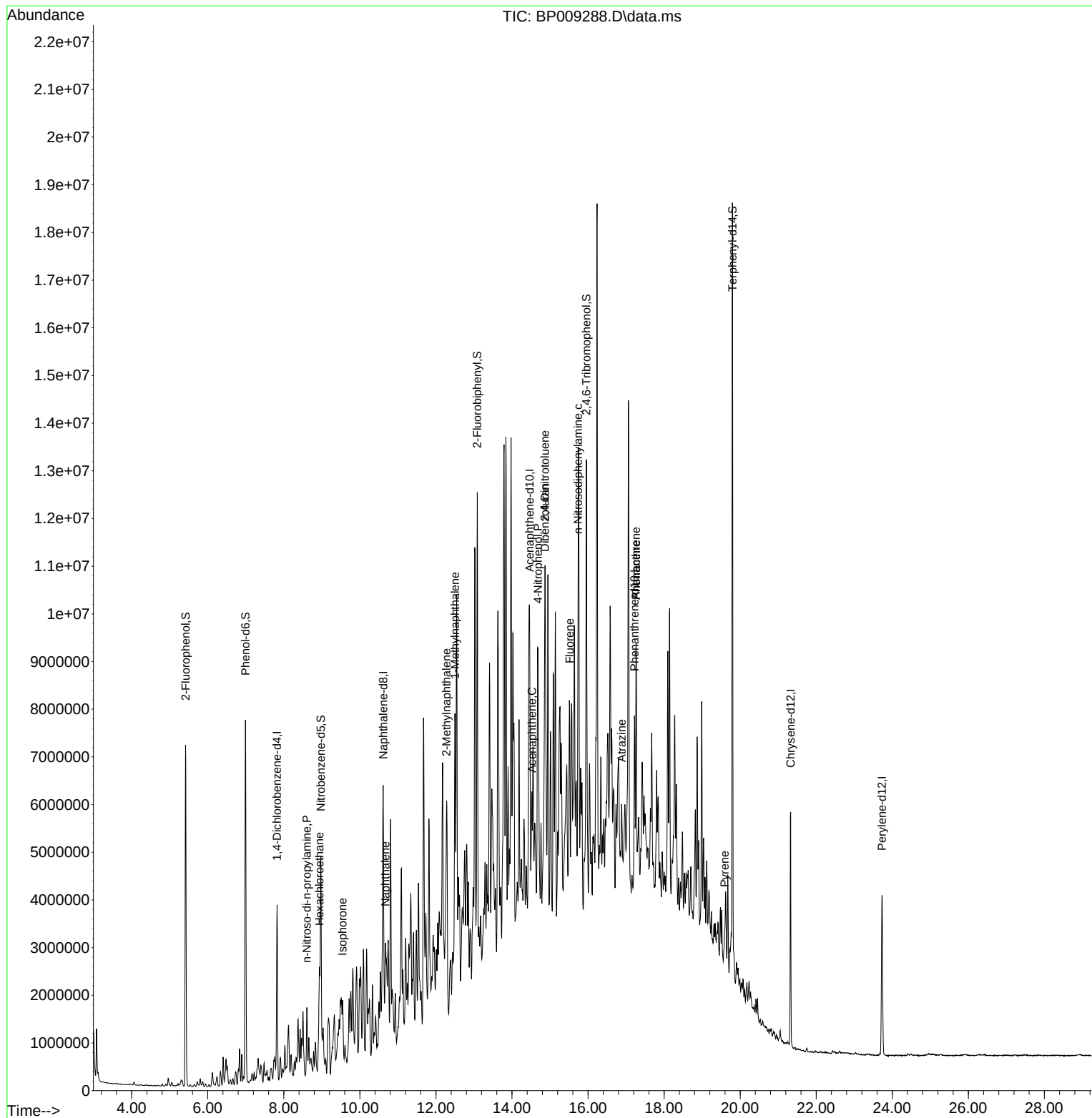
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	551039	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	2073109	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	1251686	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	2389904	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2496093	20.000	ng	0.00
86) Perylene-d12	23.733	264	2625736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3501038	92.741	ng	0.00
7) Phenol-d6	6.993	99	4357019	90.822	ng	0.00
23) Nitrobenzene-d5	8.975	82	2714655	72.123	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1540084	101.897	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	5490554	60.324	ng	0.00
79) Terphenyl-d14	19.798	244	8253868	62.402	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.934	117	160436	9.972	ng	# 1
19) n-Nitroso-di-n-propyla...	8.604	70	64550	2.231	ng	# 59
25) Isophorone	9.546	82	144159	2.048	ng	# 1
31) Naphthalene	10.669	128	281769	2.454	ng	# 74
37) 2-Methylnaphthalene	12.281	142	1259104	15.436	ng	95
38) 1-Methylnaphthalene	12.504	142	2505828	33.357	ng	99
52) Acenaphthene	14.528	154	295213	3.851	ng	# 89
55) Dibenzofuran	14.863	168	402581	3.467	ng	# 1
56) 4-Nitrophenol	14.681	139	260860	16.197	ng	# 51
57) 2,4-Dinitrotoluene	14.869	165	193466	8.288	ng	# 53
58) Fluorene	15.516	166	910349	10.012	ng	# 87
66) n-Nitrosodiphenylamine	15.739	169	1074422	14.322	ng	# 47
69) Atrazine	16.886	200	100194	3.794	ng	70
71) Phenanthrene	17.263	178	3048837	22.198	ng	97
72) Anthracene	17.263	178	3048837	22.301	ng	97
78) Pyrene	19.592	202	523264	3.105	ng	# 95

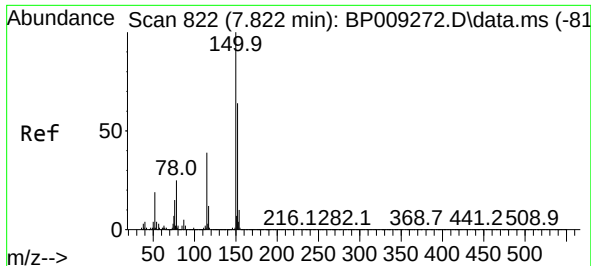
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

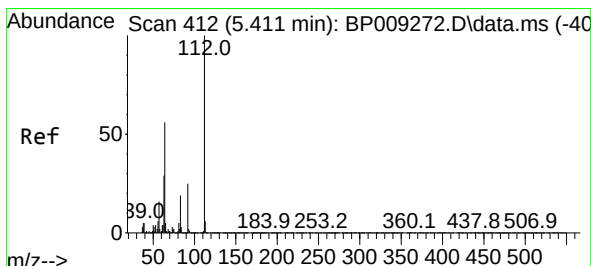
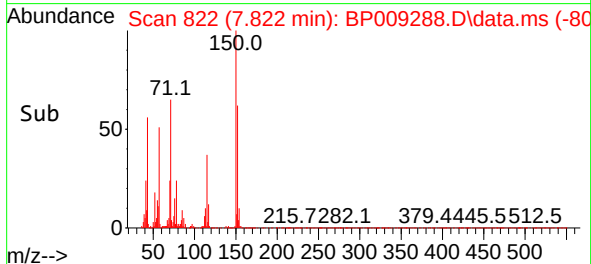
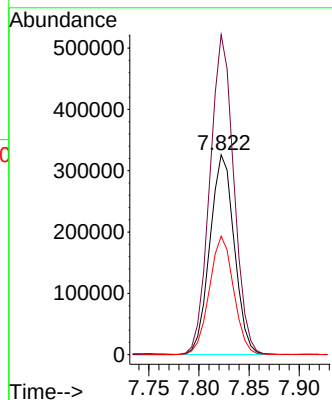
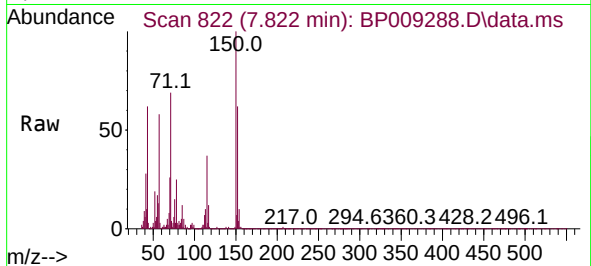




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

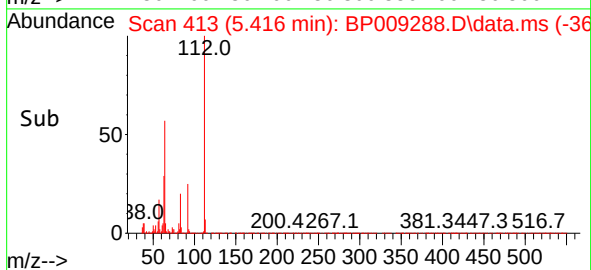
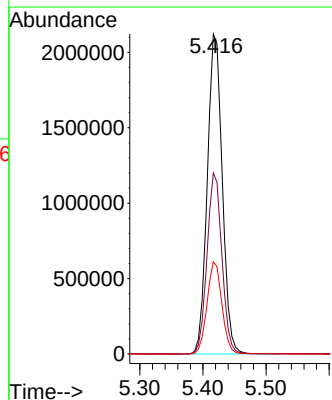
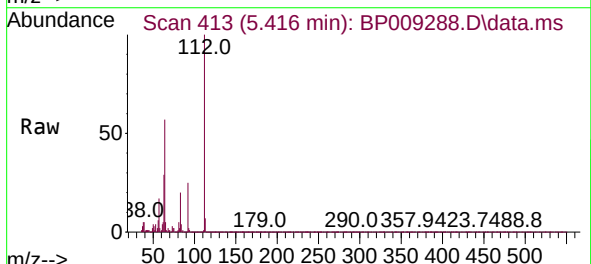
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BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

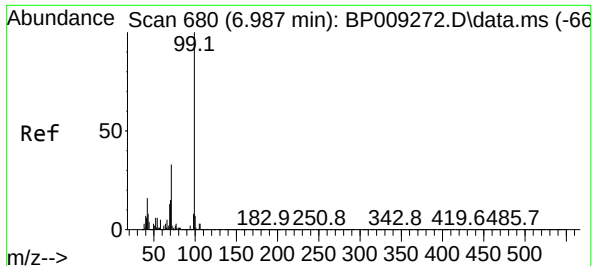
Tgt Ion:152 Resp: 551039
Ion Ratio Lower Upper
152 100
150 160.1 124.5 186.7
115 59.3 48.2 72.4



#5
2-Fluorophenol
Concen: 92.741 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:112 Resp: 3501038
Ion Ratio Lower Upper
112 100
64 56.6 45.0 67.4
63 28.8 23.0 34.6

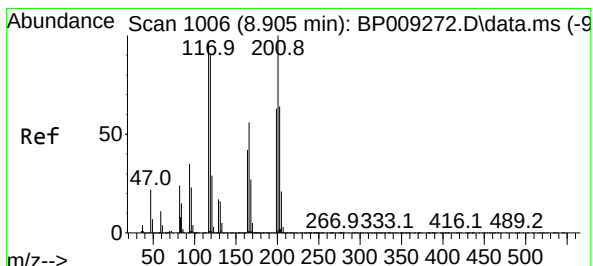
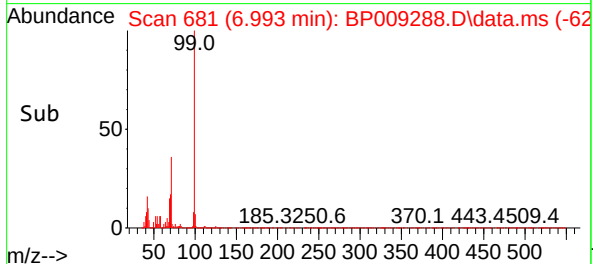
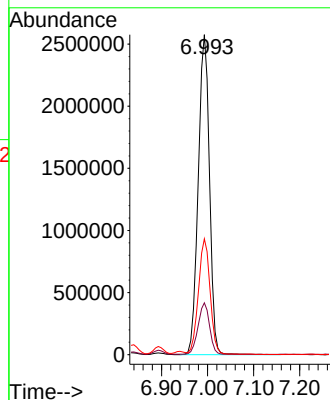
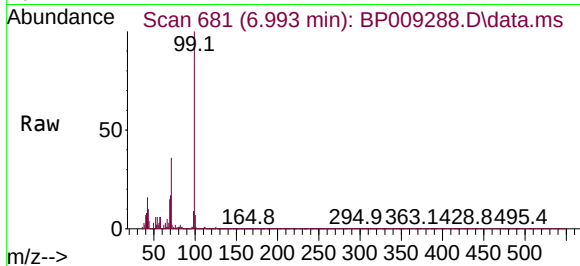




#7
Phenol-d6
Concen: 90.822 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

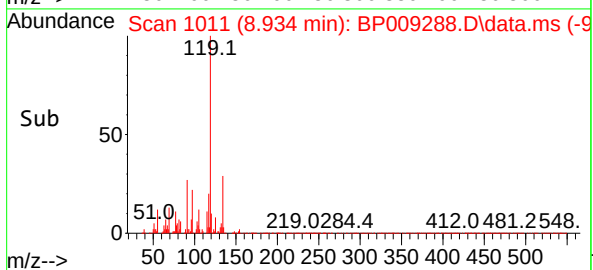
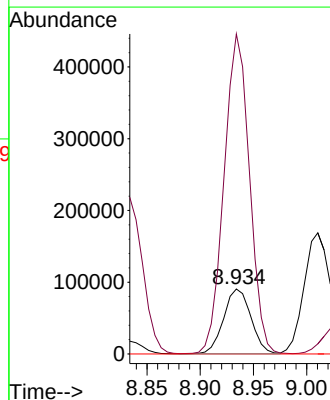
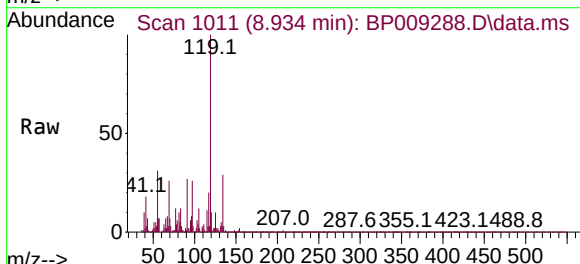
Instrument :
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ClientSampleId :
PPSP-B5-20.5-21.0

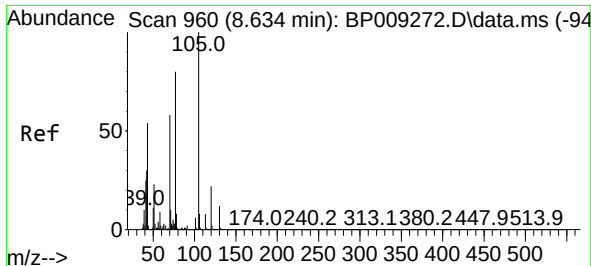
Tgt Ion: 99 Resp: 4357019
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 36.2 26.3 39.5



#18
Hexachloroethane
Concen: 9.972 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.029 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion: 117 Resp: 160436
Ion Ratio Lower Upper
117 100
119 493.1 76.4 114.6#
201 0.0 83.4 125.2#

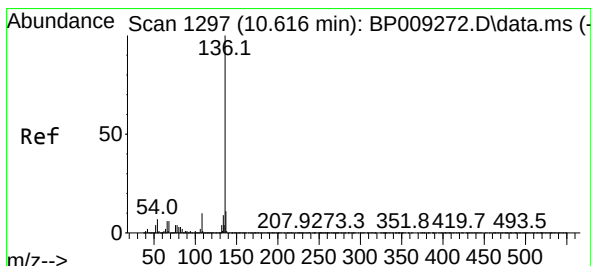
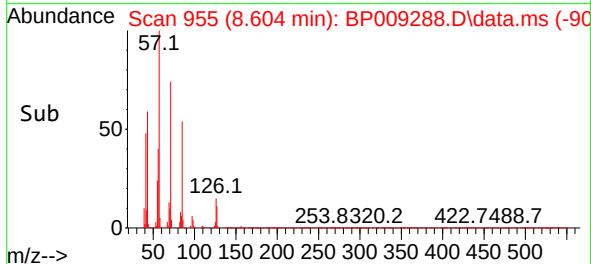
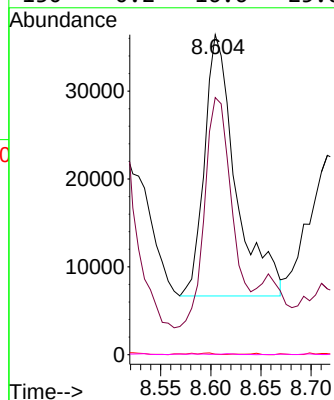
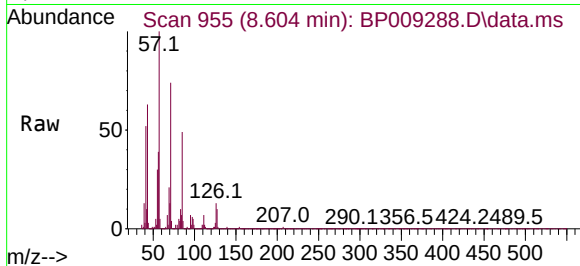




#19
n-Nitroso-di-n-propylamine
Concen: 2.231 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.030 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

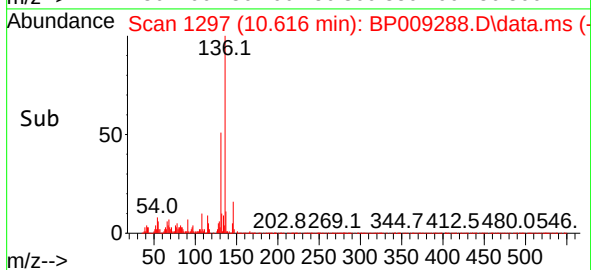
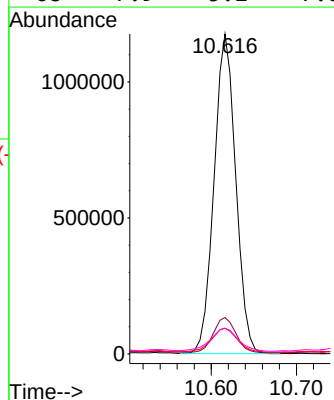
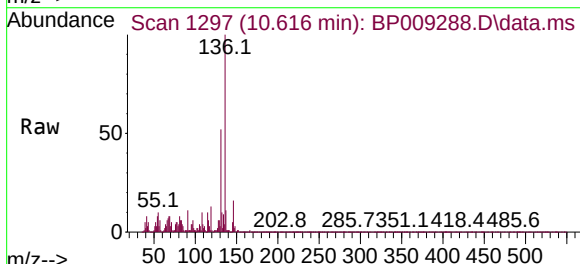
Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

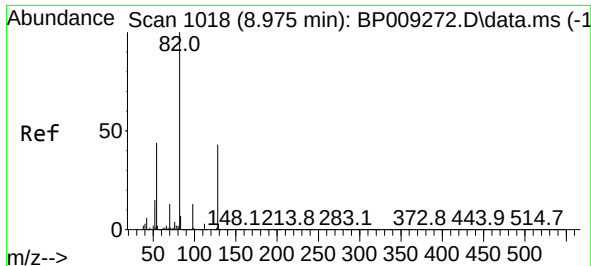
Tgt Ion: 70 Resp: 64550
Ion Ratio Lower Upper
70 100
42 80.3 41.0 61.4#
101 0.2 7.9 11.9#
130 0.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion: 136 Resp: 2073109
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.1 5.8 8.8
68 7.9 5.2 7.8#

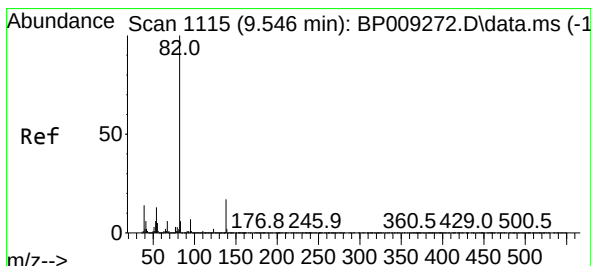
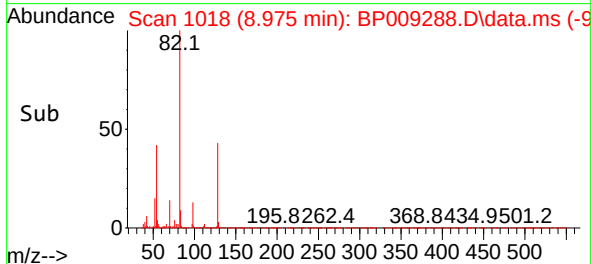
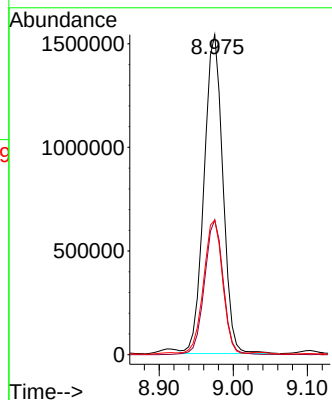
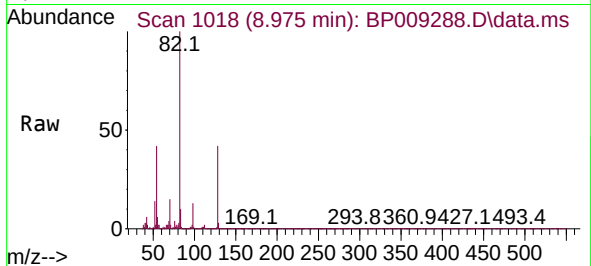




#23
Nitrobenzene-d5
Concen: 72.123 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

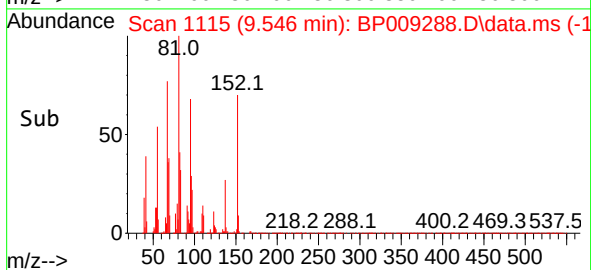
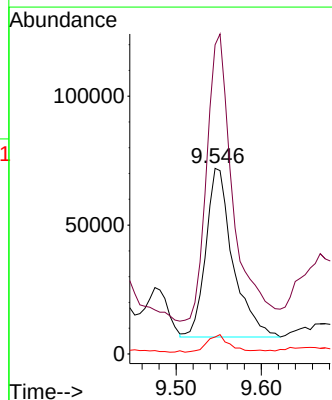
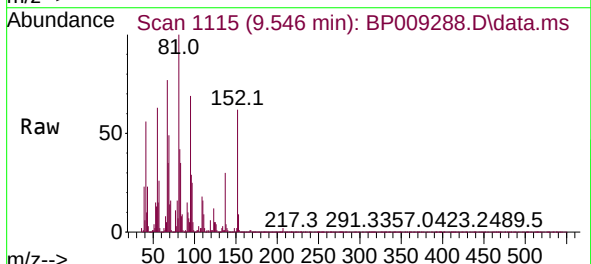
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BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

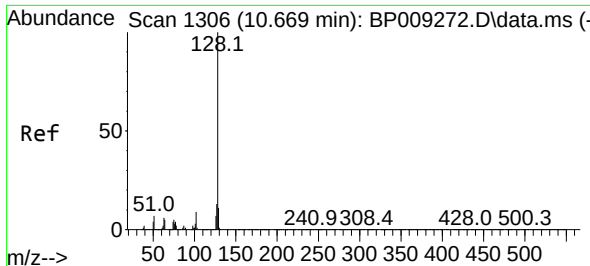
Tgt Ion: 82 Resp: 2714655
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 42.0 34.7 52.1



#25
Isophorone
Concen: 2.048 ng
RT: 9.546 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion: 82 Resp: 144159
Ion Ratio Lower Upper
82 100
95 166.5 5.5 8.3#
138 9.1 13.8 20.8#

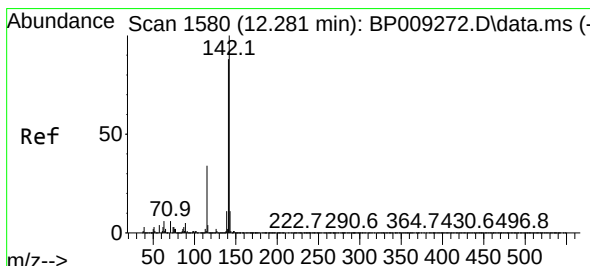
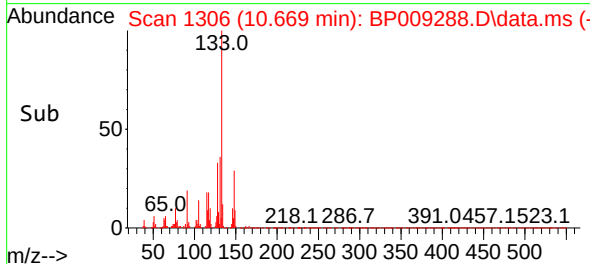
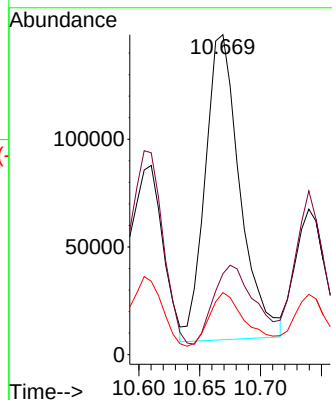
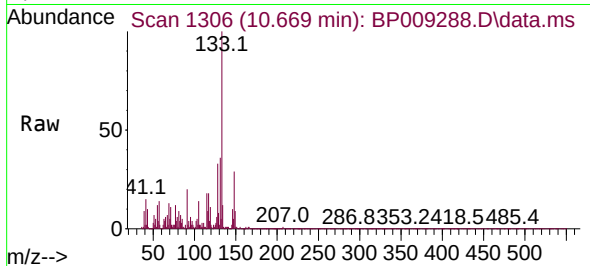




#31
Naphthalene
Concen: 2.454 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

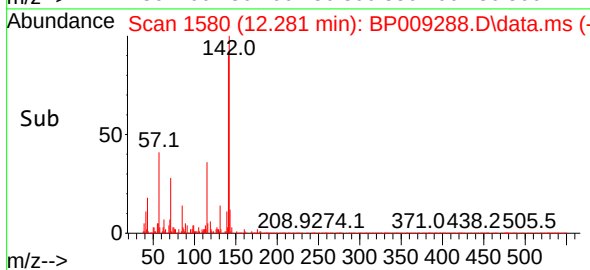
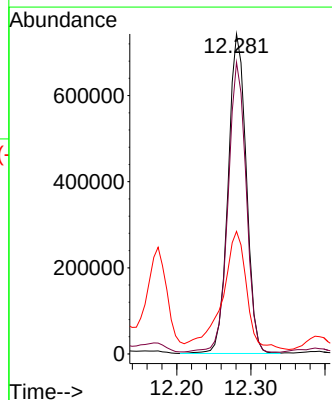
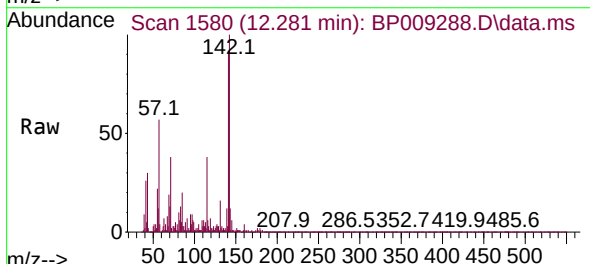
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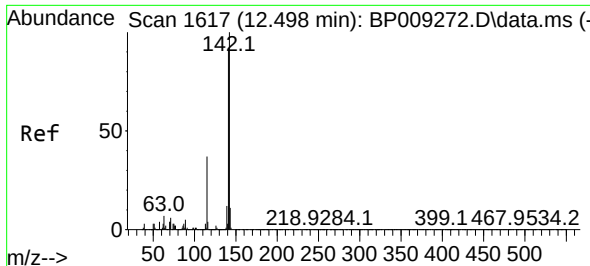
Tgt Ion:128 Resp: 281769
Ion Ratio Lower Upper
128 100
129 25.3 8.6 13.0#
127 19.4 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 15.436 ng
RT: 12.281 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:142 Resp: 1259104
Ion Ratio Lower Upper
142 100
141 91.1 70.2 105.4
115 38.3 27.4 41.2

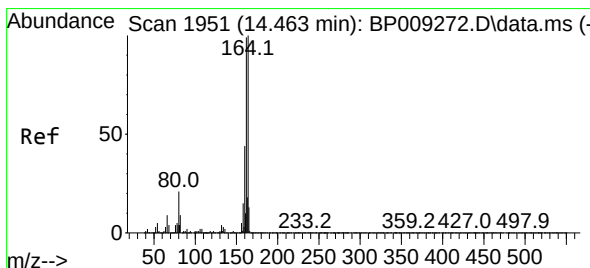
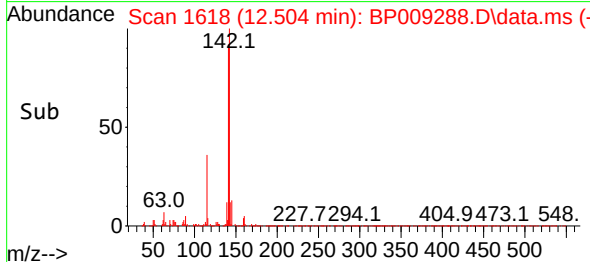
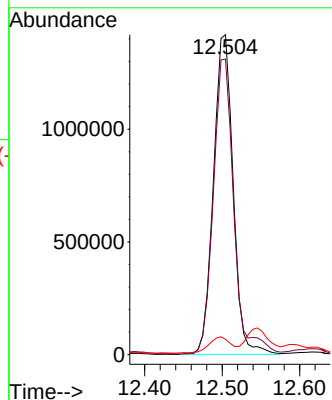
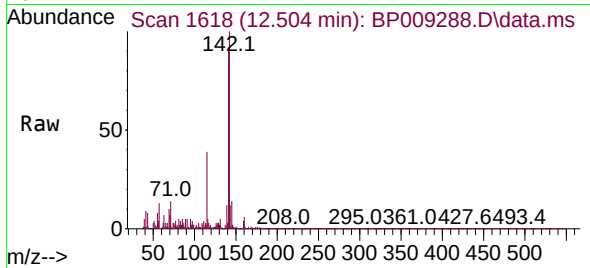




#38
1-Methylnaphthalene
Concen: 33.357 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

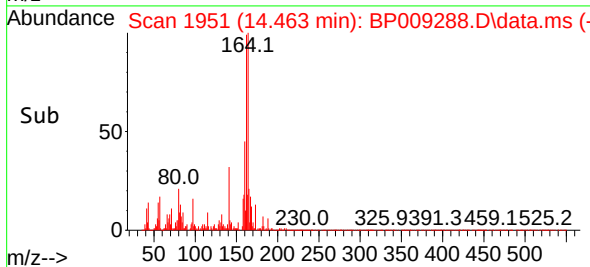
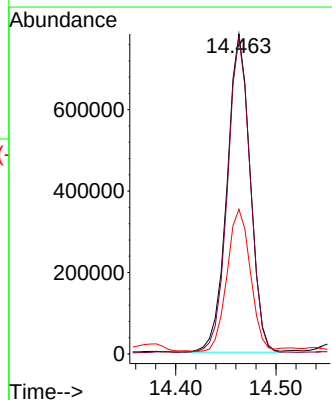
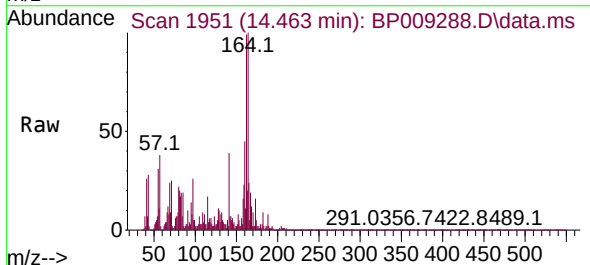
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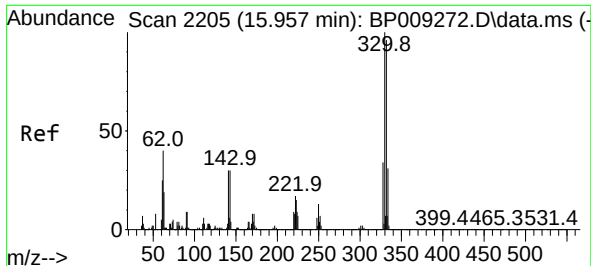
Tgt Ion:142 Resp: 2505828
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 4.8 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:164 Resp: 1251686
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 45.2 34.9 52.3

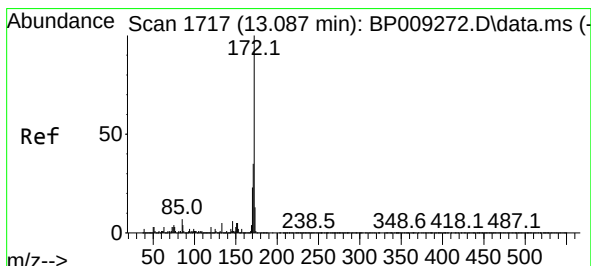
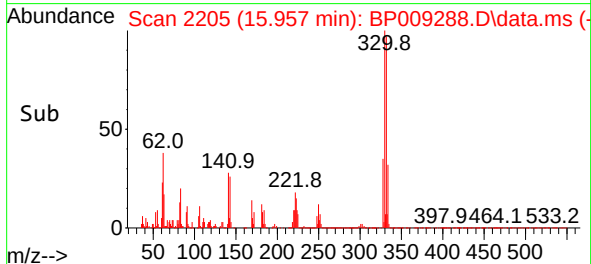
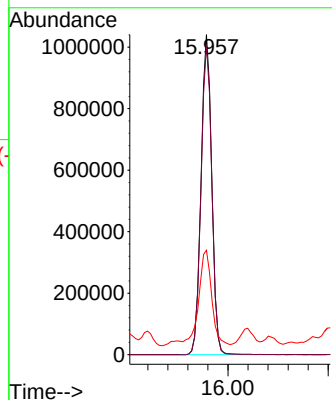
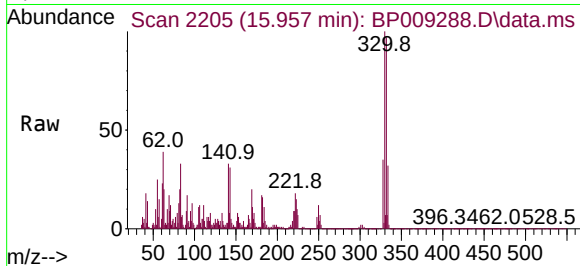




#42
2,4,6-Tribromophenol
Concen: 101.897 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

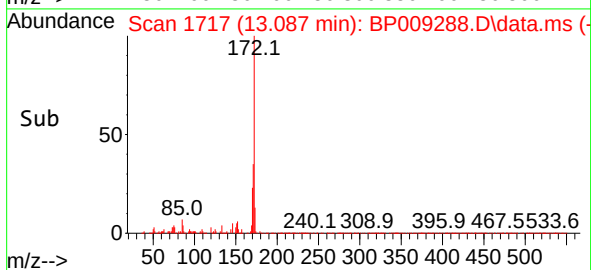
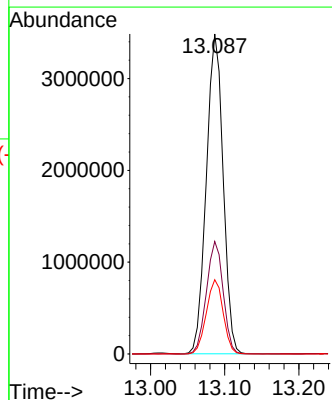
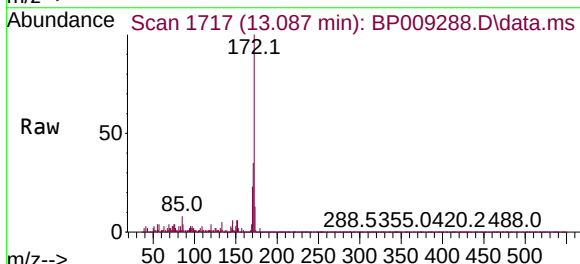
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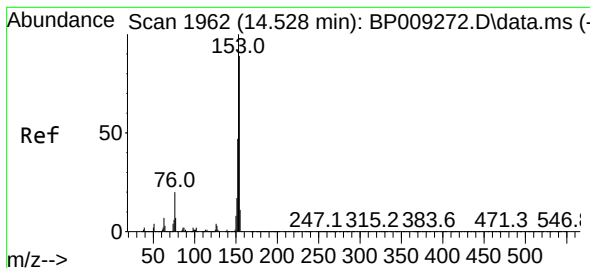
Tgt Ion:330 Resp: 1540084
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 35.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 60.324 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:172 Resp: 5490554
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.2 18.6 27.8





#52

Acenaphthene

Concen: 3.851 ng

RT: 14.528 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

Instrument :

BNA_P

ClientSampleId :

PPSP-B5-20.5-21.0

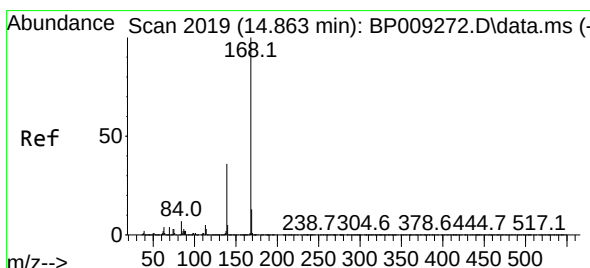
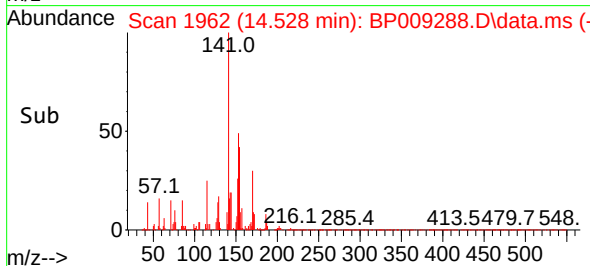
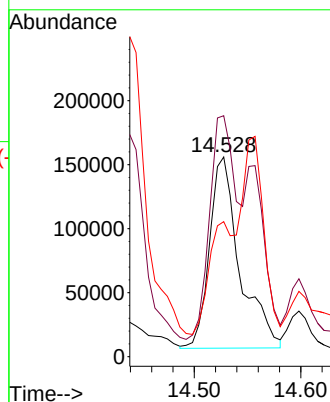
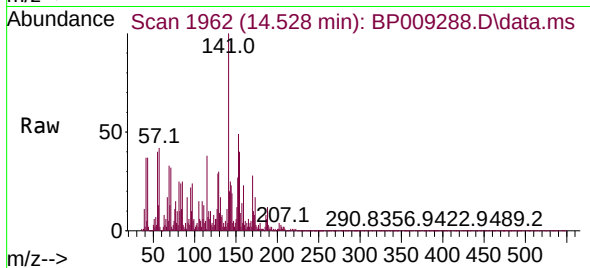
Tgt Ion:154 Resp: 295213

Ion Ratio Lower Upper

154 100

153 120.7 90.2 135.4

152 67.6 42.7 64.1#



#55

Dibenzofuran

Concen: 3.467 ng

RT: 14.863 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

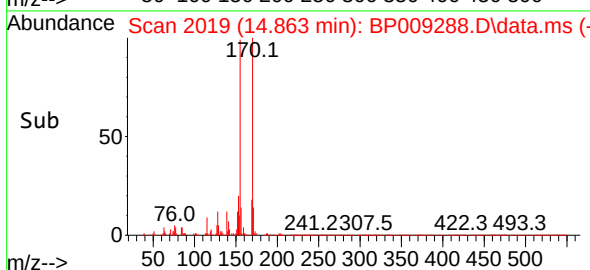
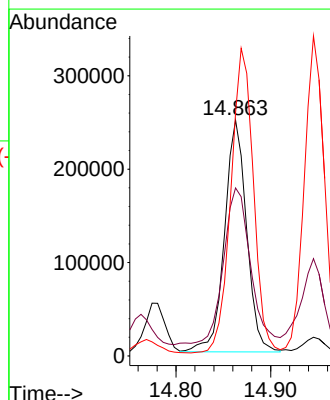
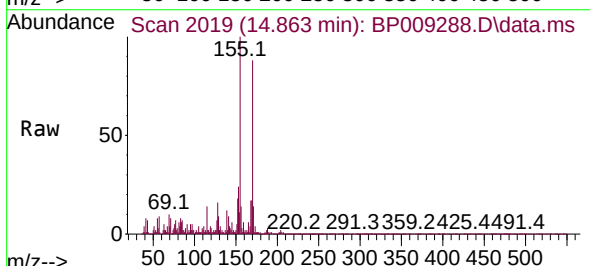
Tgt Ion:168 Resp: 402581

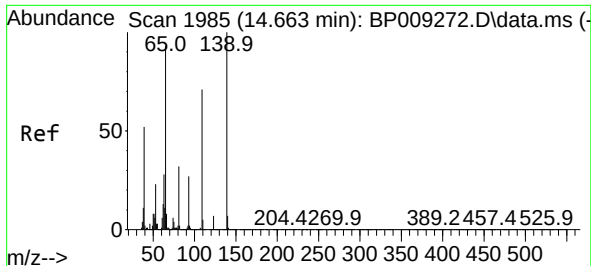
Ion Ratio Lower Upper

168 100

139 71.2 29.1 43.7#

169 103.1 10.6 16.0#

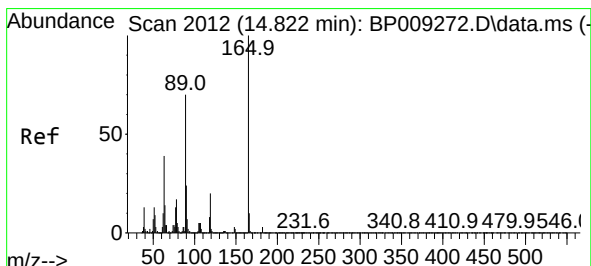
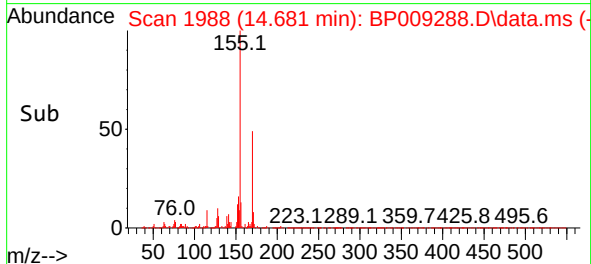
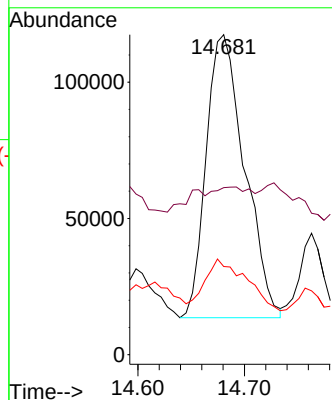
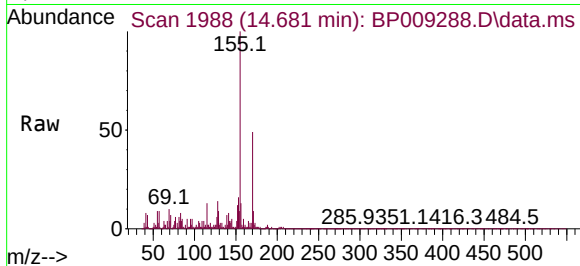




#56
4-Nitrophenol
Concen: 16.197 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

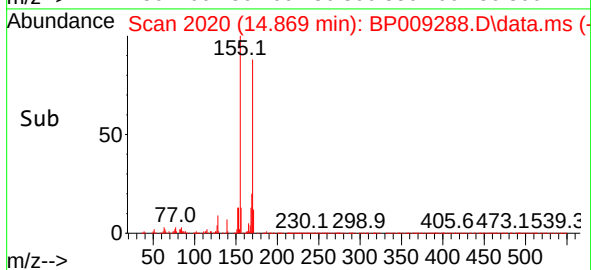
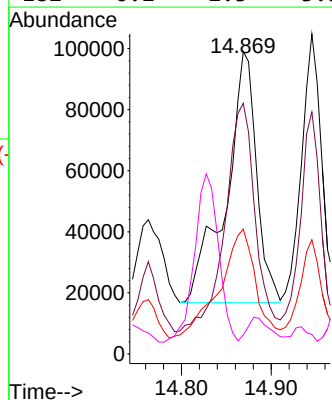
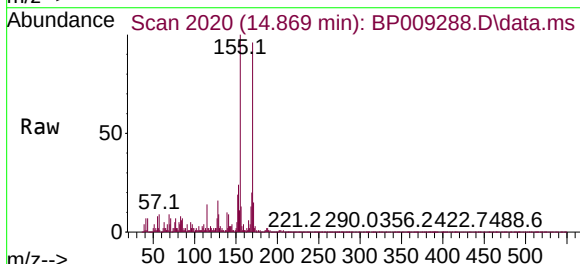
Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

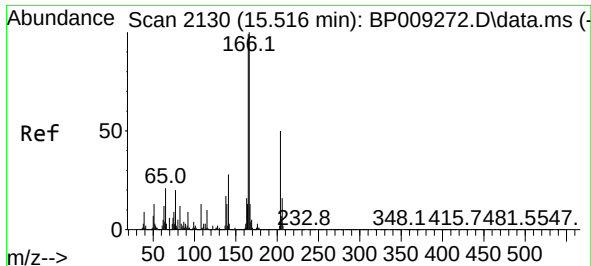
Tgt Ion:139 Resp: 260860
Ion Ratio Lower Upper
139 100
109 52.2 51.2 91.2
65 27.6 73.2 113.2#



#57
2,4-Dinitrotoluene
Concen: 8.288 ng
RT: 14.869 min Scan# 2020
Delta R.T. 0.047 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:165 Resp: 193466
Ion Ratio Lower Upper
165 100
63 82.9 31.4 47.2#
89 41.3 55.9 83.9#
182 6.2 2.3 3.5#

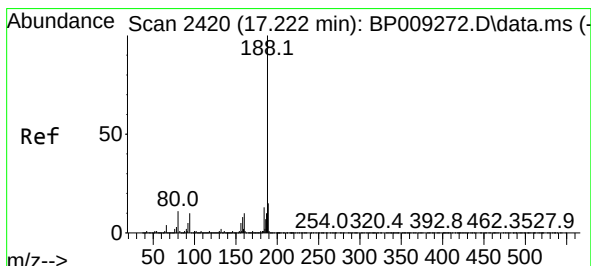
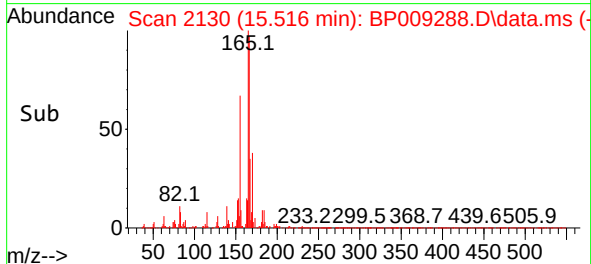
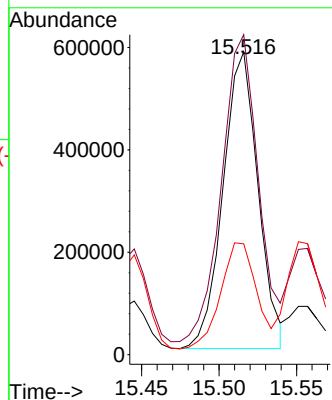
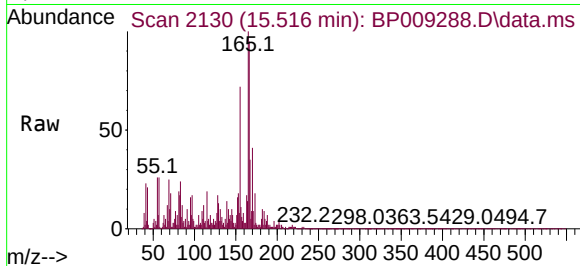




#58
Fluorene
Concen: 10.012 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

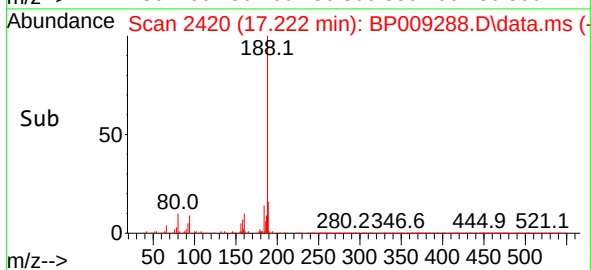
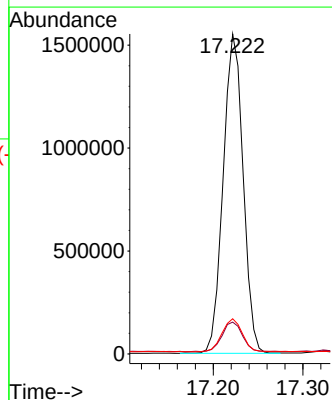
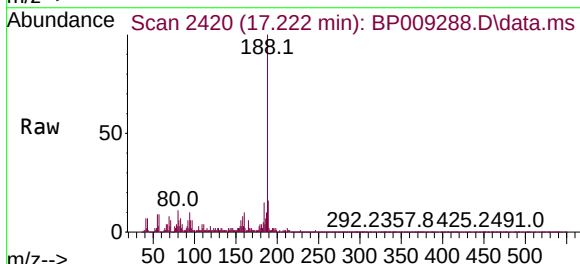
Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

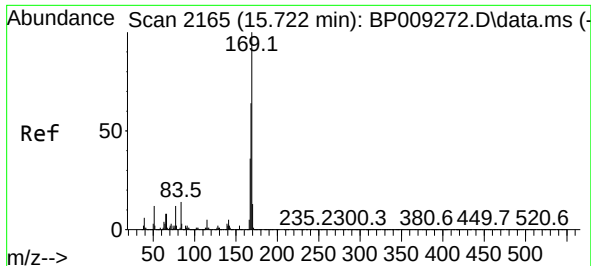
Tgt Ion:166 Resp: 910349
Ion Ratio Lower Upper
166 100
165 105.7 79.2 118.8
167 36.6 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:188 Resp: 2389904
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.0 8.8 13.2

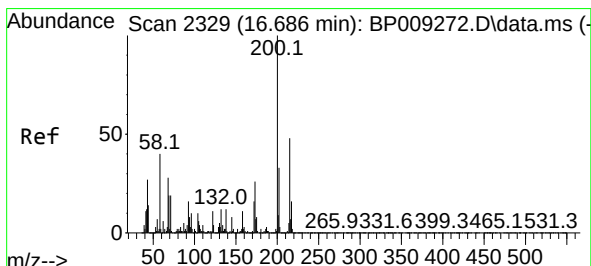
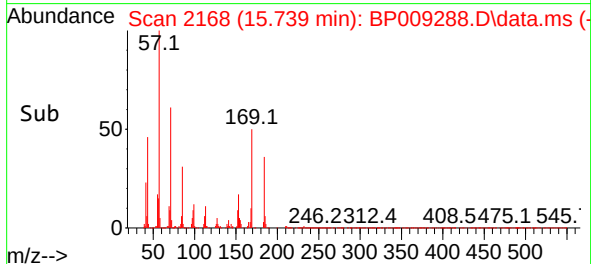
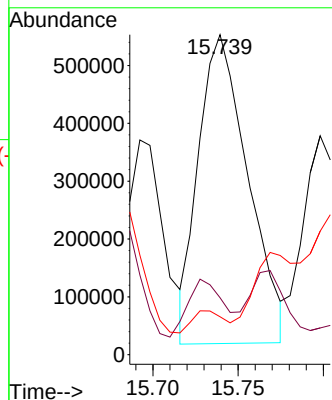
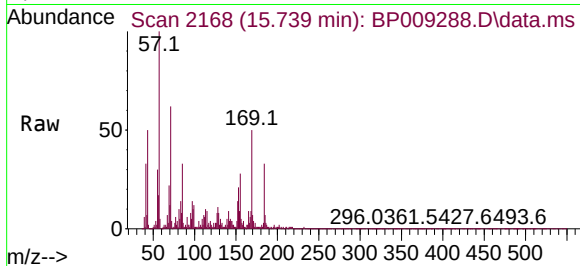




#66
n-Nitrosodiphenylamine
Concen: 14.322 ng
RT: 15.739 min Scan# 2165
Delta R.T. 0.018 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

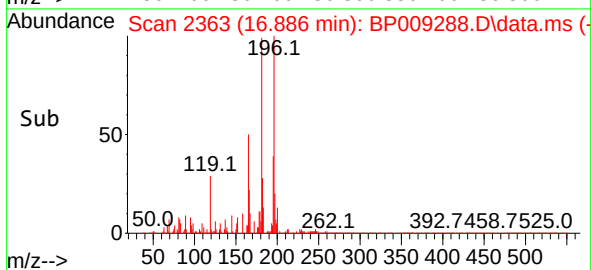
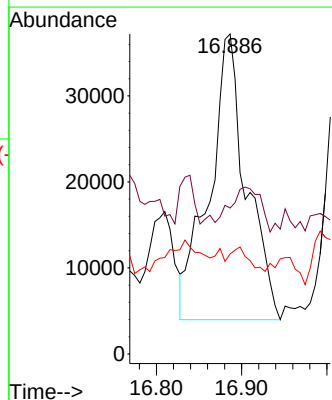
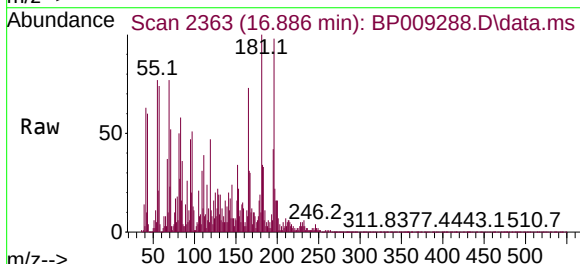
Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

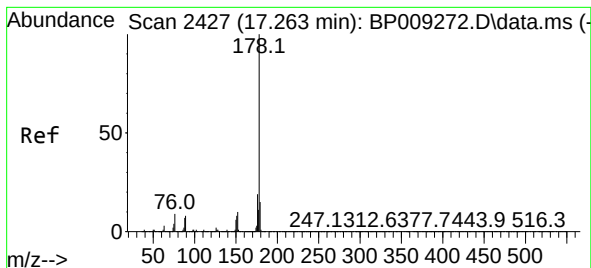
Tgt Ion:169 Resp: 1074422
Ion Ratio Lower Upper
169 100
168 17.8 51.6 77.4#
167 11.9 29.0 43.4#



#69
Atrazine
Concen: 3.794 ng
RT: 16.886 min Scan# 2363
Delta R.T. 0.200 min
Lab File: BP009288.D
Acq: 07 Mar 2022 16:43

Tgt Ion:200 Resp: 100194
Ion Ratio Lower Upper
200 100
173 45.6 6.2 46.2
215 31.2 28.5 68.5





#71

Phenanthrene

Concen: 22.198 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

Instrument :

BNA_P

ClientSampleId :

PPSP-B5-20.5-21.0

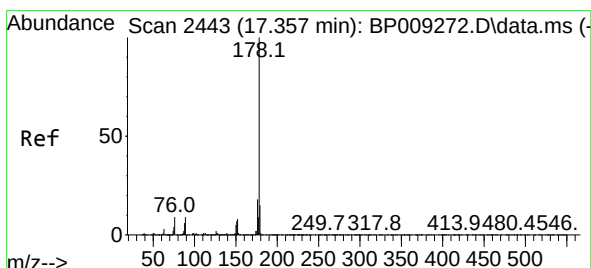
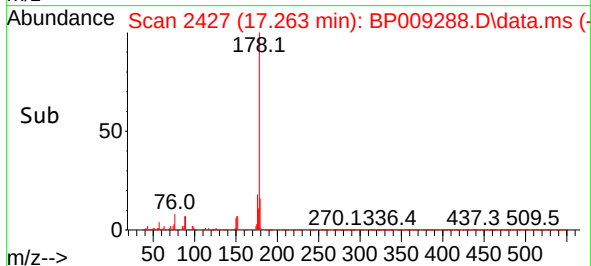
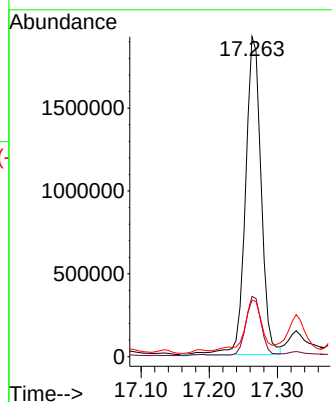
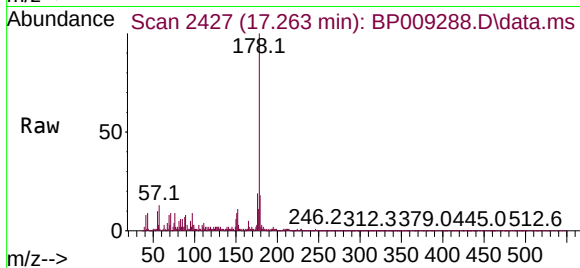
Tgt Ion:178 Resp: 3048837

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 17.6 12.3 18.5



#72

Anthracene

Concen: 22.301 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.094 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

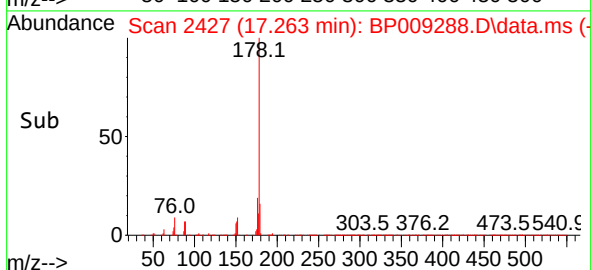
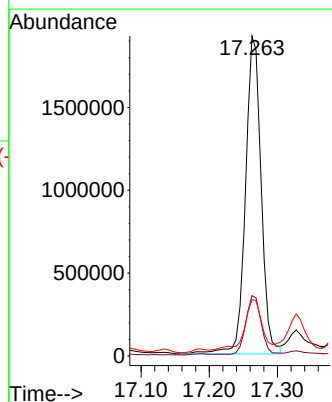
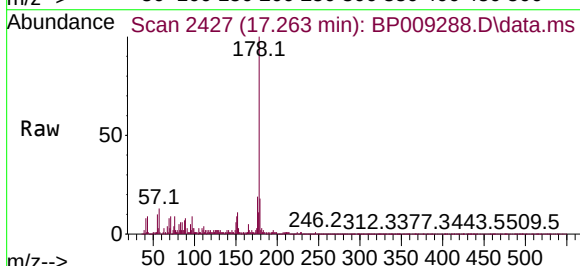
Tgt Ion:178 Resp: 3048837

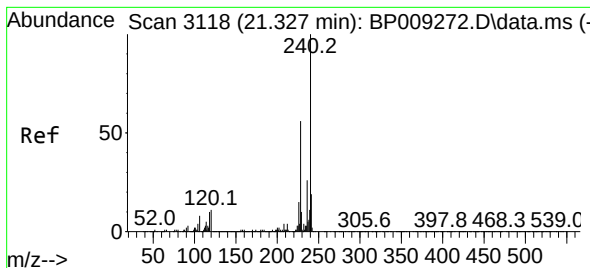
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 17.6 12.2 18.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

Instrument :

BNA_P

ClientSampleId :

PPSP-B5-20.5-21.0

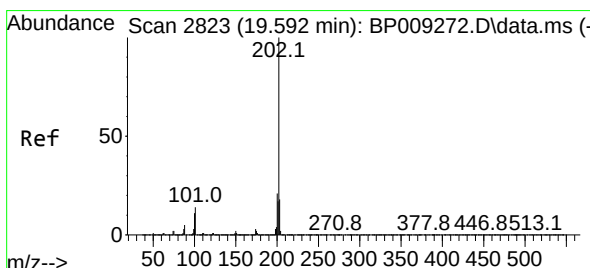
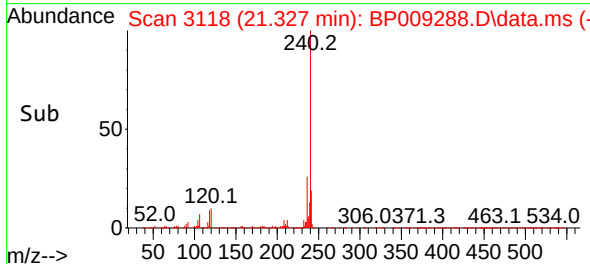
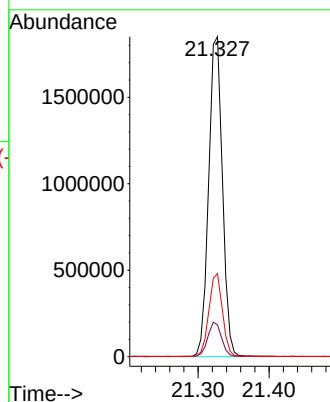
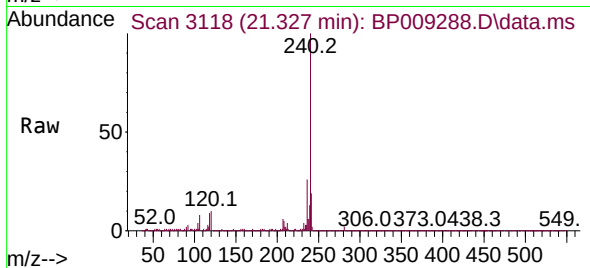
Tgt Ion:240 Resp: 2496093

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 25.9 20.6 30.8



#78

Pyrene

Concen: 3.105 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP009288.D

Acq: 07 Mar 2022 16:43

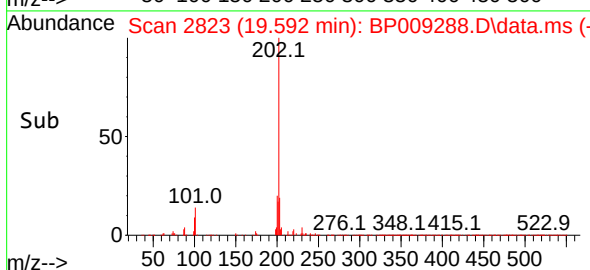
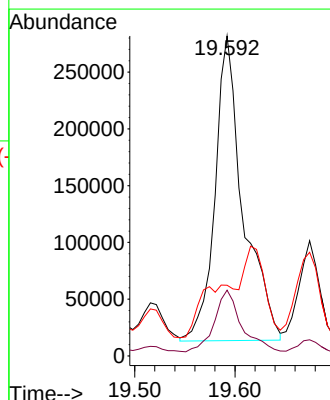
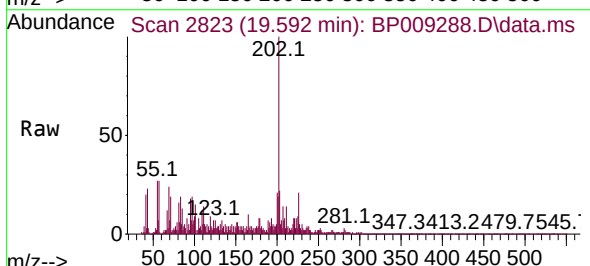
Tgt Ion:202 Resp: 523264

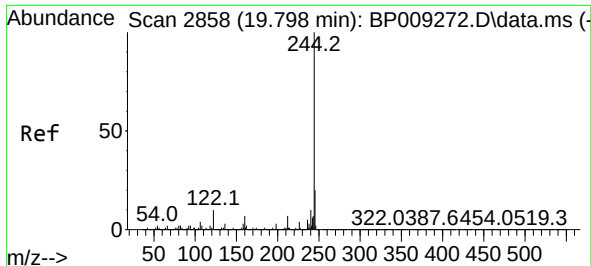
Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

203 22.1 14.2 21.4#

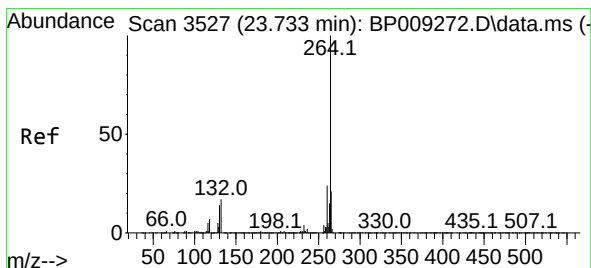
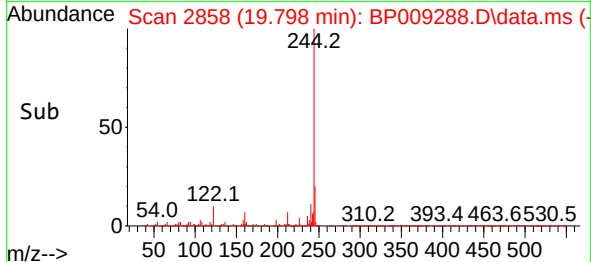
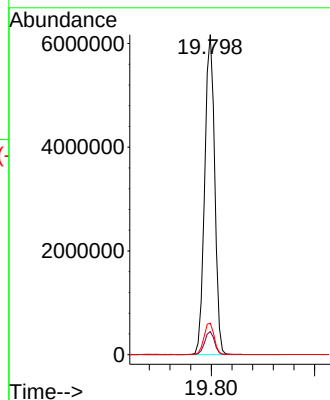
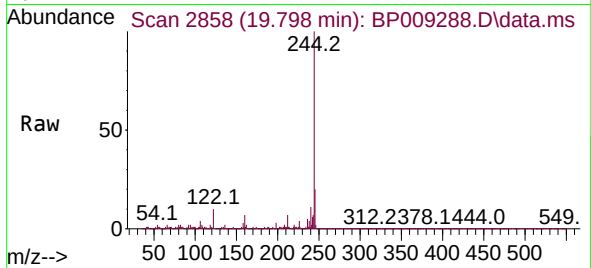




#79
 Terphenyl-d14
 Concen: 62.402 ng
 RT: 19.798 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: BP009288.D
 Acq: 07 Mar 2022 16:43

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B5-20.5-21.0

Tgt Ion:244 Resp: 8253868
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BP009288.D
 Acq: 07 Mar 2022 16:43

Tgt Ion:264 Resp: 2625736
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.6 17.2 25.8

