

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008205.D
 Acq On : 03 Dec 2021 15:11
 Operator : CG/JU
 Sample : M4798-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-3.0

Quant Time: Dec 03 15:36:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

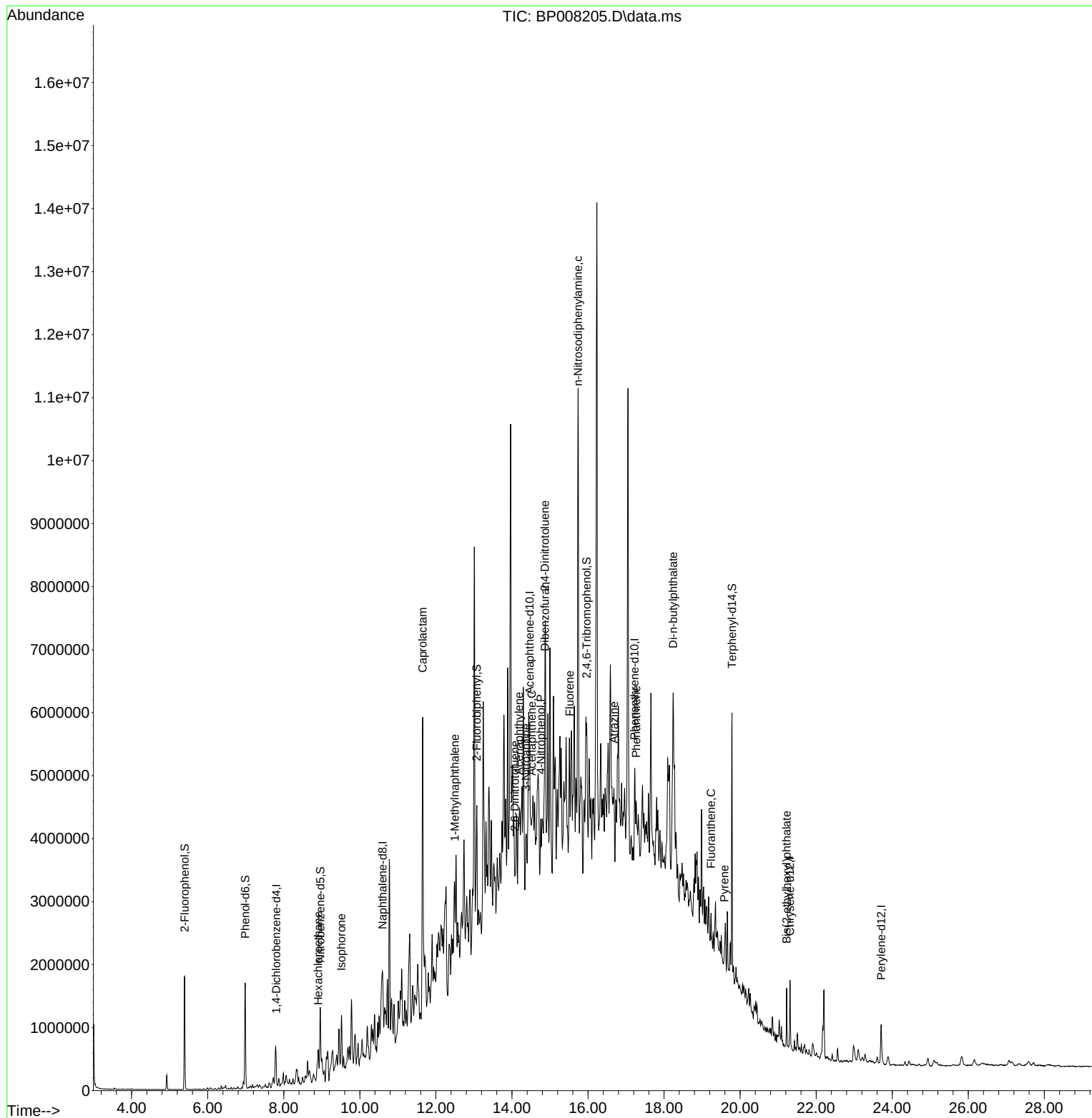
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	104639	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	373815	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	240215	20.000	ng	0.02
64) Phenanthrene-d10	17.222	188	497926	20.000	ng	0.01
76) Chrysene-d12	21.310	240	526925	20.000	ng	0.00
86) Perylene-d12	23.710	264	481644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	731623	112.576	ng	0.00
7) Phenol-d6	6.987	99	932605	106.303	ng	0.00
23) Nitrobenzene-d5	8.958	82	660061	80.294	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	387637	126.252	ng	0.01
45) 2-Fluorobiphenyl	13.075	172	1148708	69.460	ng	0.00
79) Terphenyl-d14	19.786	244	1955256	77.551	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.940	77	1449	Below Cal	#	25
18) Hexachloroethane	8.905	117	10680	3.689	ng	# 1
25) Isophorone	9.516	82	90608	6.300	ng	# 1
35) Caprolactam	11.651	113	221931	162.620	ng	93
38) 1-Methylnaphthalene	12.493	142	408396	30.978	ng	# 96
49) Acenaphthylene	14.187	152	66072	3.112	ng	# 1
51) 2,6-Dinitrotoluene	14.075	165	19917	5.320	ng	# 44
52) Acenaphthene	14.522	154	123576	9.766	ng	92
53) 3-Nitroaniline	14.369	138	31034	8.180	ng	# 35
55) Dibenzofuran	14.863	168	104827	4.848	ng	# 1
56) 4-Nitrophenol	14.757	139	25013	8.602	ng	# 19
57) 2,4-Dinitrotoluene	14.869	165	72905	14.190	ng	# 63
58) Fluorene	15.516	166	143397	8.162	ng	# 71
66) n-Nitrosodiphenylamine	15.734	169	613666	42.547	ng	# 50
69) Atrazine	16.681	200	10868	2.903	ng	# 28
71) Phenanthrene	17.269	178	393697	14.975	ng	# 87
74) Di-n-butylphthalate	18.239	149	1885205	59.131	ng	# 91
75) Fluoranthene	19.233	202	72111	2.036	ng	66
78) Pyrene	19.586	202	294007	6.654	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.222	149	321481	14.111	ng	98

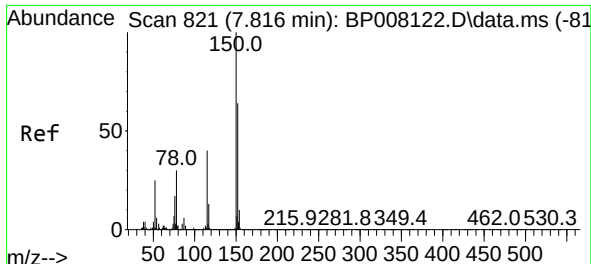
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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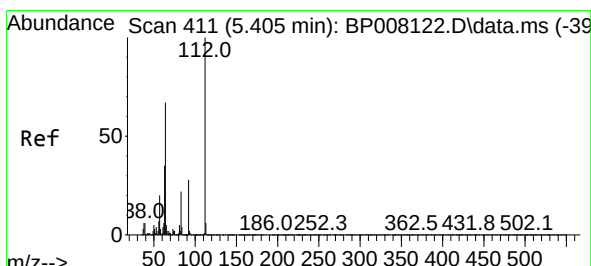
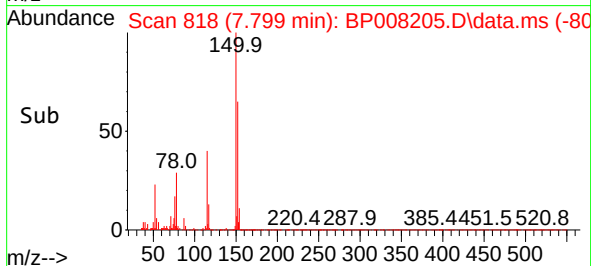
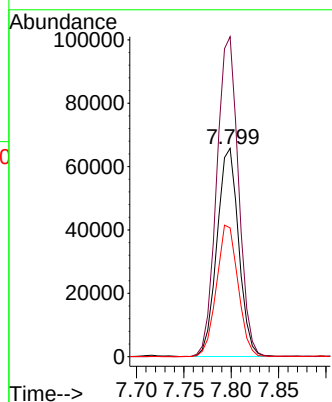
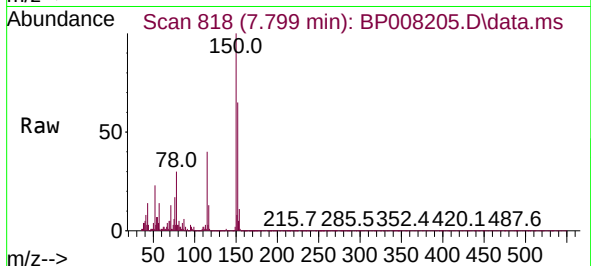




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

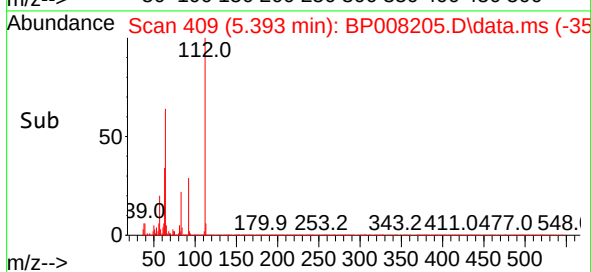
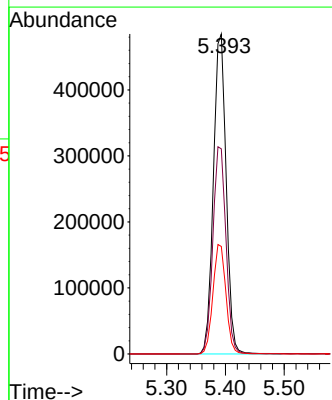
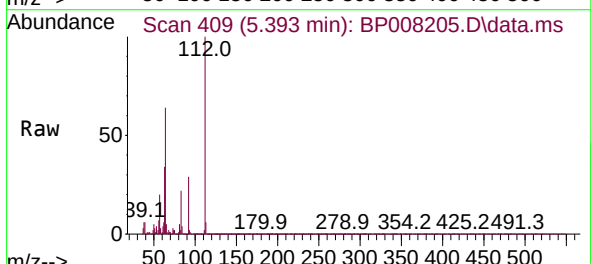
Instrument :
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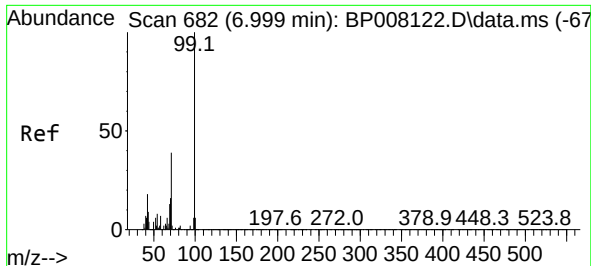
Tgt Ion:152 Resp: 104639
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 61.9 50.7 76.1



#5
2-Fluorophenol
Concen: 112.576 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:112 Resp: 731623
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 33.6 27.8 41.8

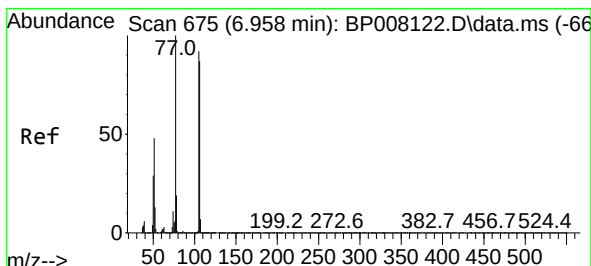
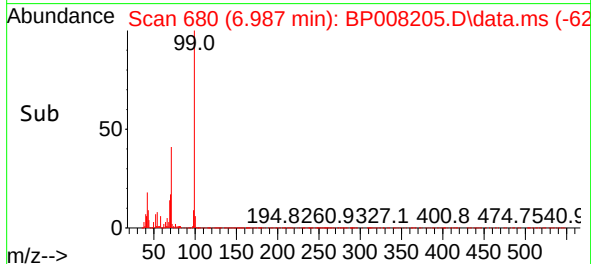
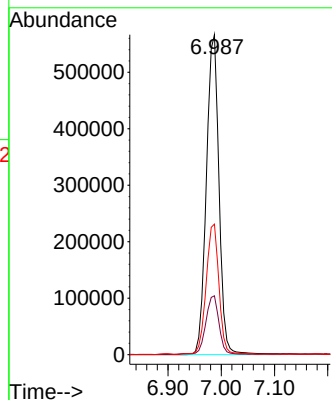
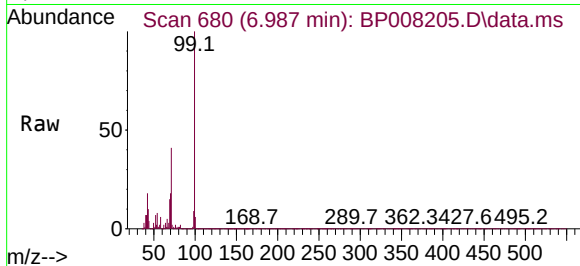




#7
Phenol-d6
Concen: 106.303 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

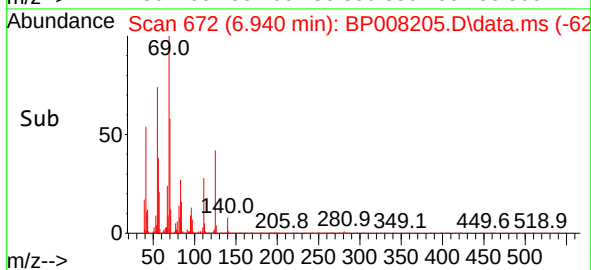
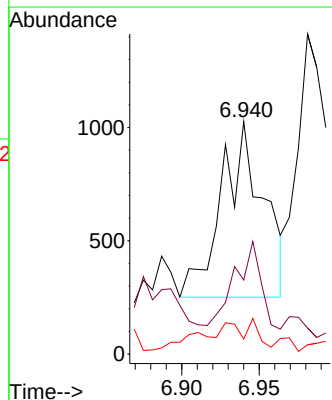
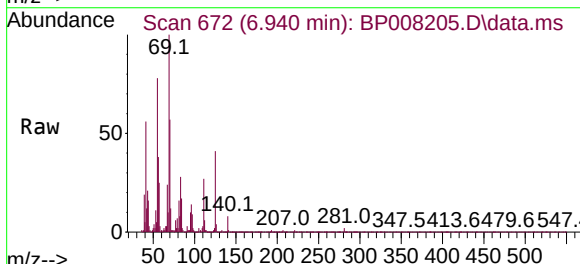
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

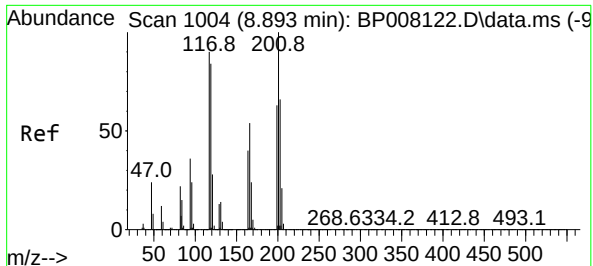
Tgt Ion: 99 Resp: 932605
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 40.8 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion: 77 Resp: 1449
Ion Ratio Lower Upper
77 100
105 31.8 71.8 111.8#
106 6.4 67.3 107.3#

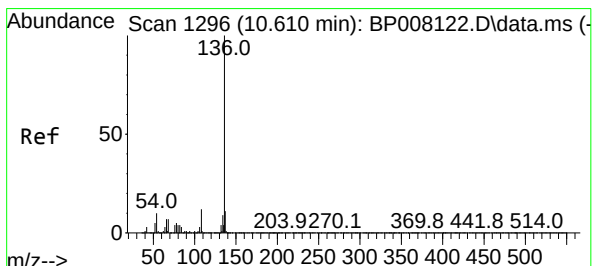
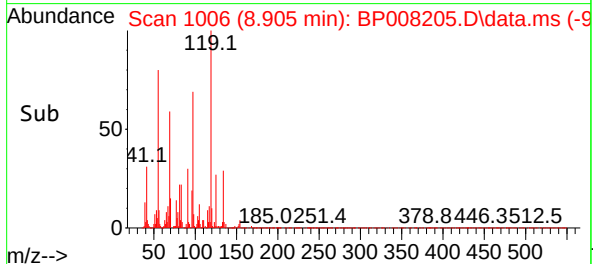
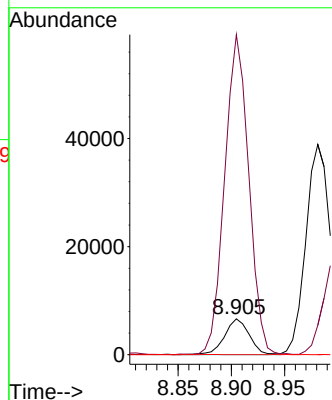
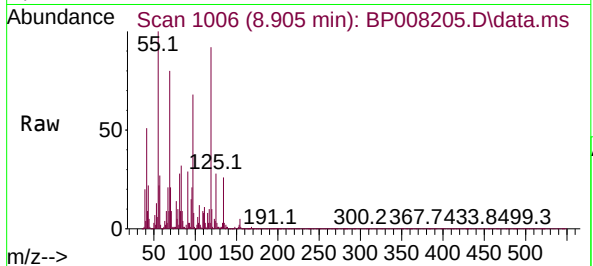




#18
Hexachloroethane
Concen: 3.689 ng
RT: 8.905 min Scan# 1006
Delta R.T. 0.029 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

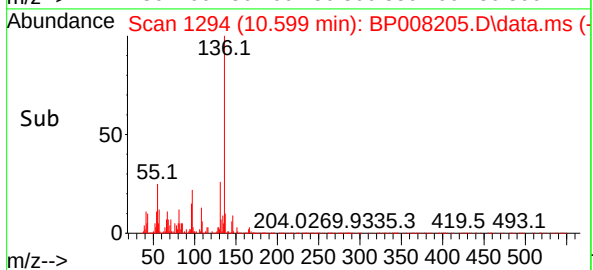
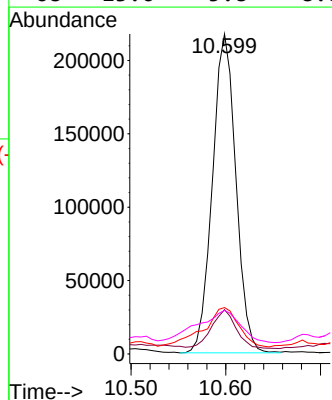
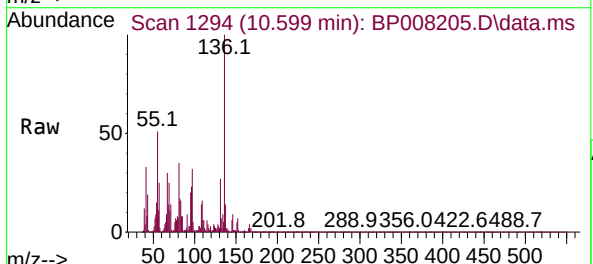
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

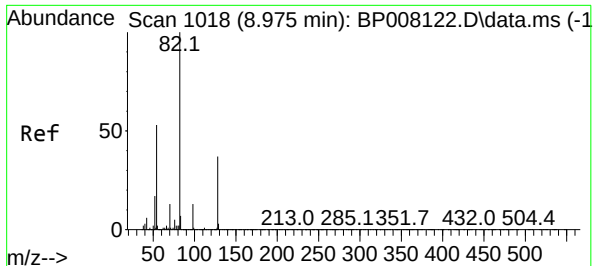
Tgt Ion:117 Resp: 10680
Ion Ratio Lower Upper
117 100
119 891.9 74.7 112.1#
201 0.1 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:136 Resp: 373815
Ion Ratio Lower Upper
136 100
137 13.8 9.0 13.6#
54 14.5 8.2 12.4#
68 13.6 5.8 8.8#

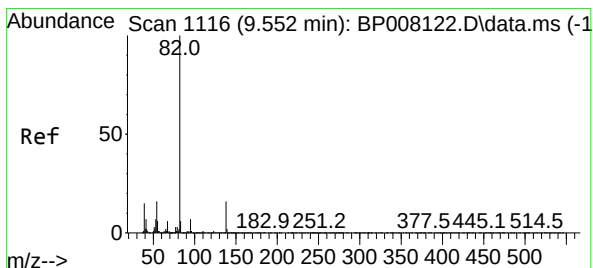
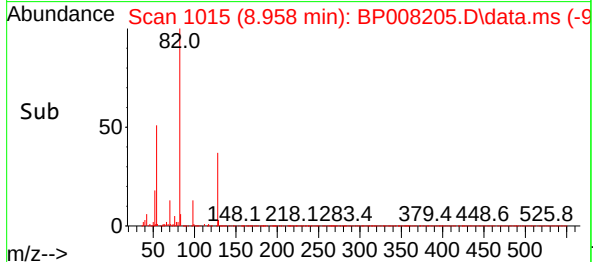
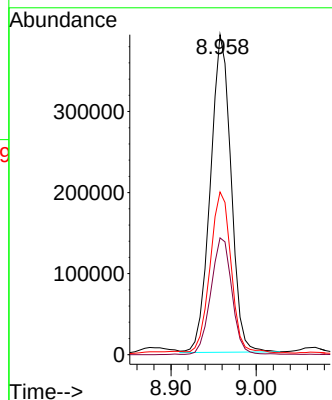
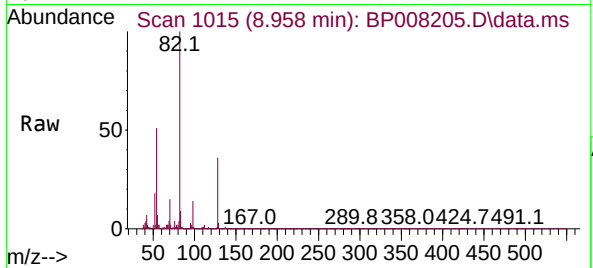




#23
Nitrobenzene-d5
Concen: 80.294 ng
RT: 8.958 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

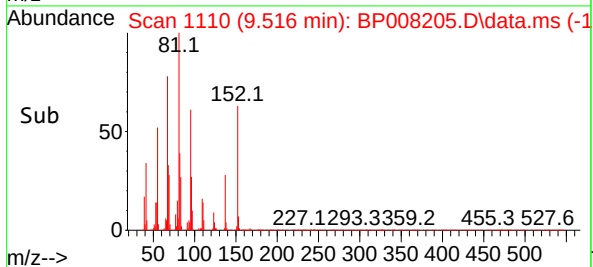
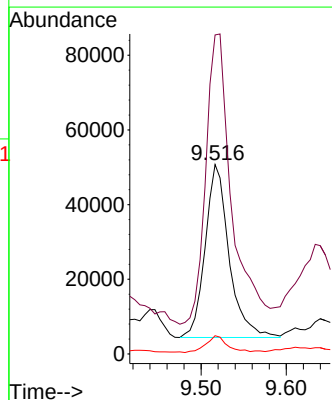
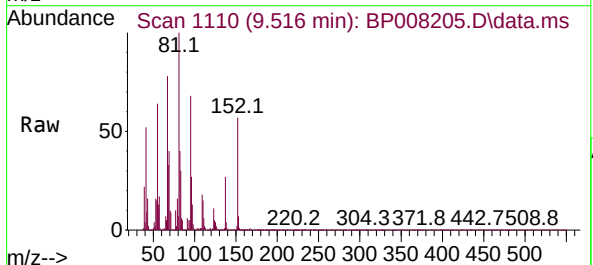
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BNA_P
ClientSampleId :
SB-2-3.0

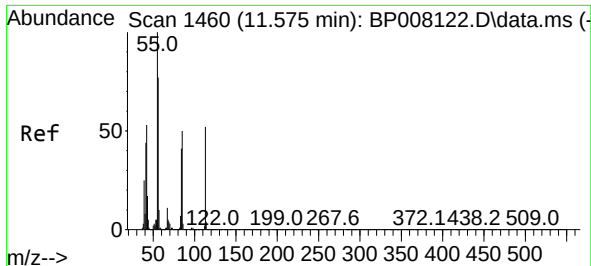
Tgt Ion: 82 Resp: 660061
Ion Ratio Lower Upper
82 100
128 36.5 29.6 44.4
54 50.9 42.7 64.1



#25
Isophorone
Concen: 6.300 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion: 82 Resp: 90608
Ion Ratio Lower Upper
82 100
95 168.4 5.9 8.9#
138 9.7 12.7 19.1#

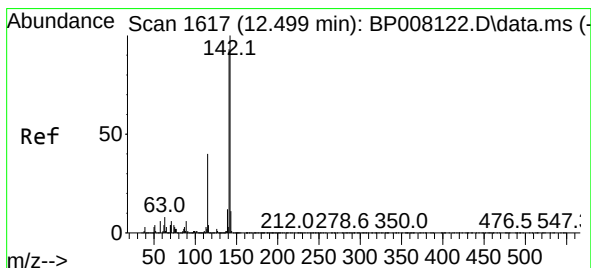
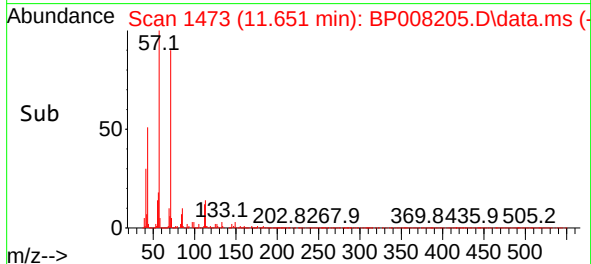
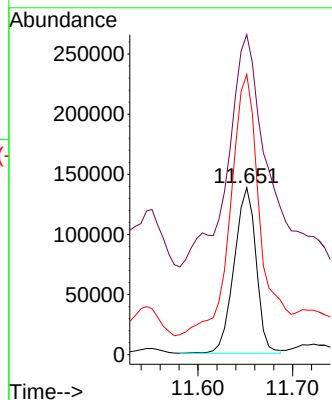
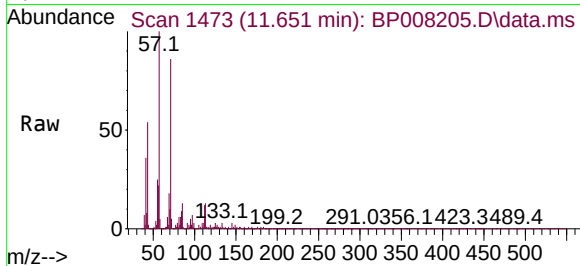




#35
Caprolactam
Concen: 162.620 ng
RT: 11.651 min Scan# 1460
Delta R.T. 0.076 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

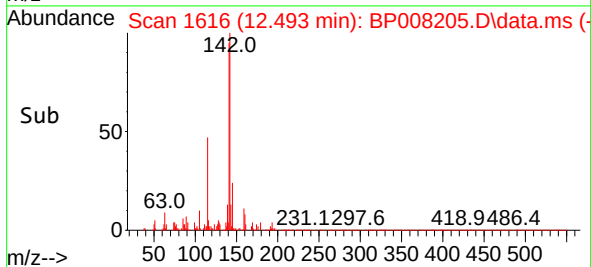
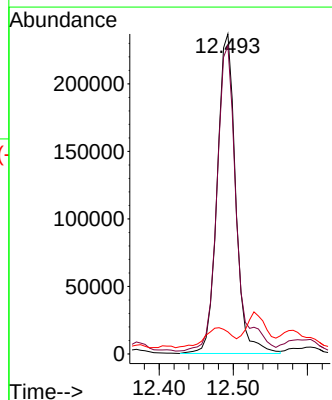
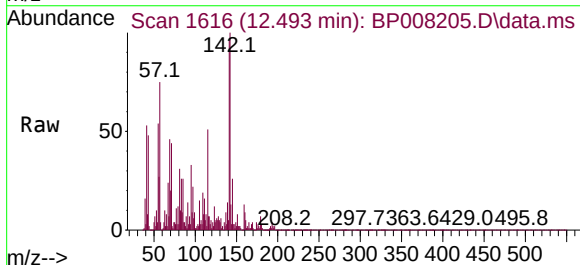
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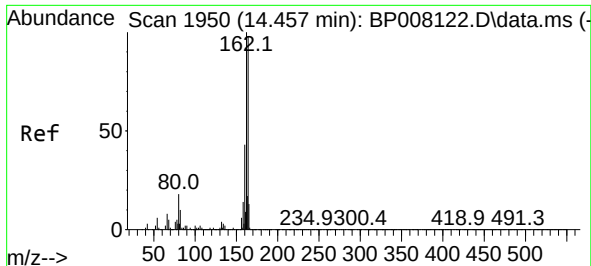
Tgt Ion:113 Resp: 221931
Ion Ratio Lower Upper
113 100
55 191.5 174.2 214.2
56 167.7 130.3 170.3



#38
1-Methylnaphthalene
Concen: 30.978 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:142 Resp: 408396
Ion Ratio Lower Upper
142 100
141 96.3 74.2 111.4
116 6.9 3.4 5.2#

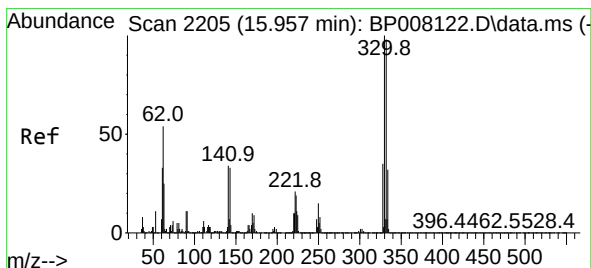
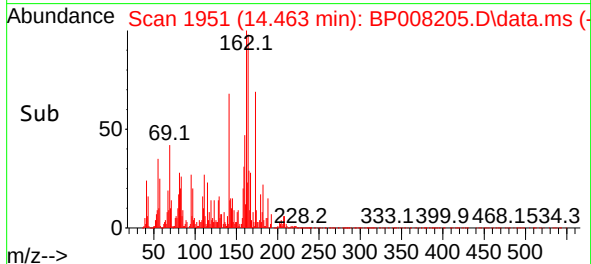
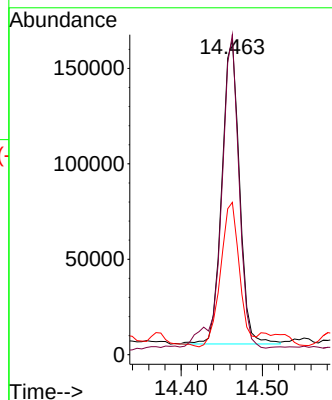
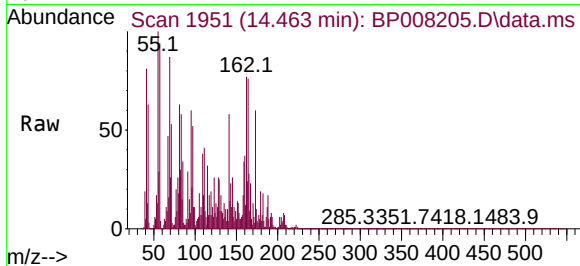




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

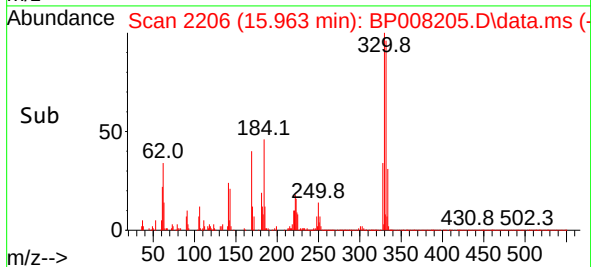
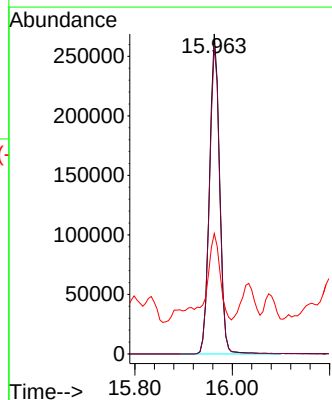
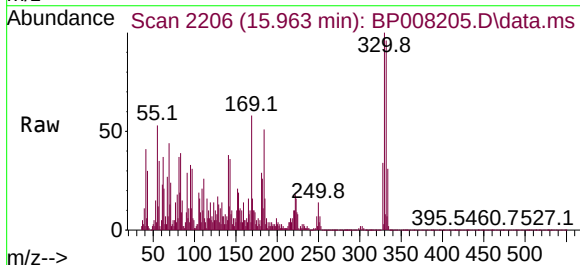
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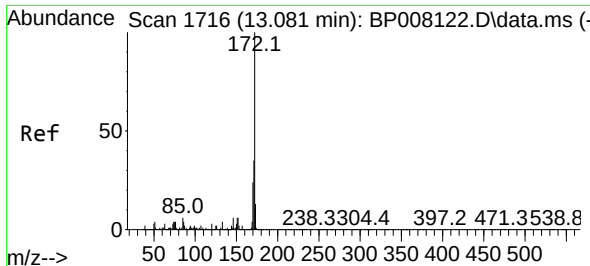
Tgt Ion:164 Resp: 240215
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 48.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 126.252 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:330 Resp: 387637
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 30.3 28.4 42.6

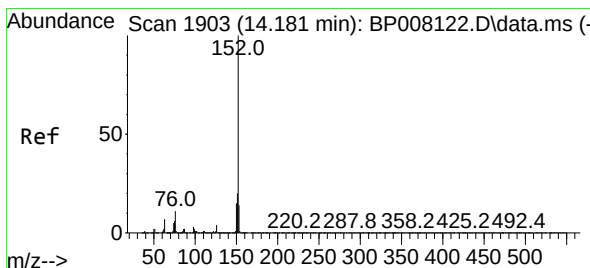
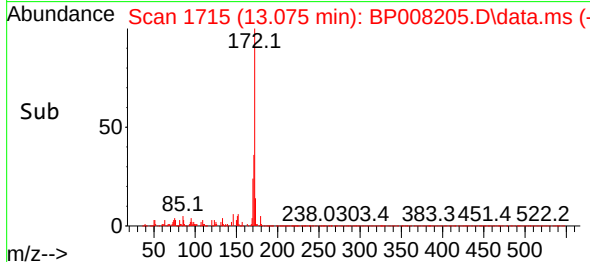
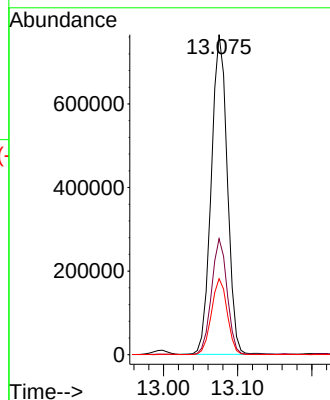
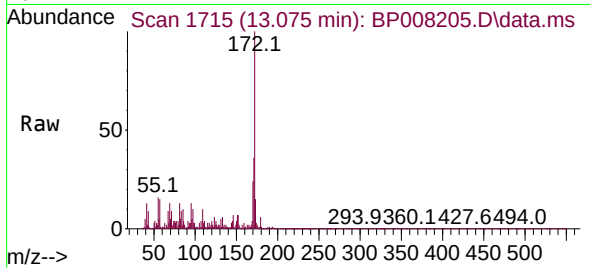




#45
2-Fluorobiphenyl
Concen: 69.460 ng
RT: 13.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

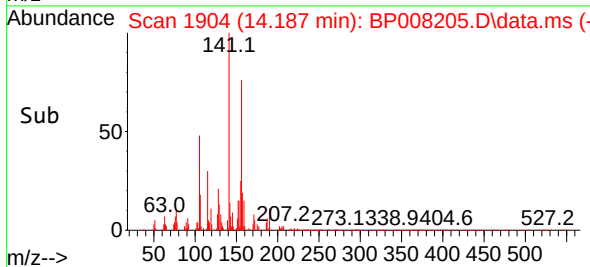
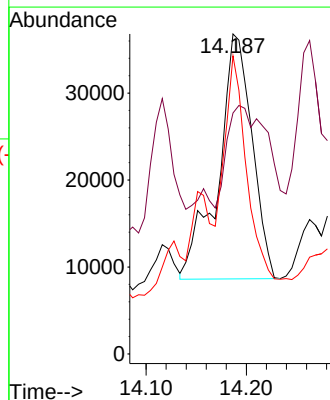
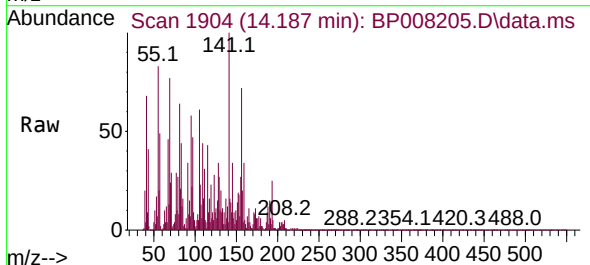
Instrument :
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ClientSampleId :
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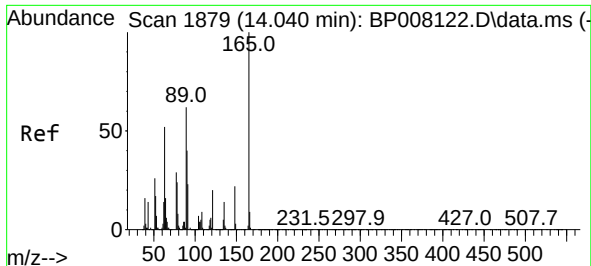
Tgt Ion:172 Resp: 1148708
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.7 18.9 28.3



#49
Acenaphthylene
Concen: 3.112 ng
RT: 14.187 min Scan# 1904
Delta R.T. 0.018 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:152 Resp: 66072
Ion Ratio Lower Upper
152 100
151 75.3 16.2 24.4#
153 93.2 10.9 16.3#

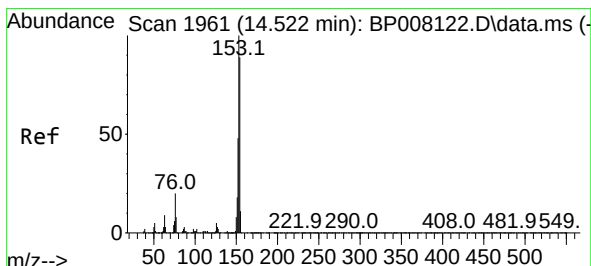
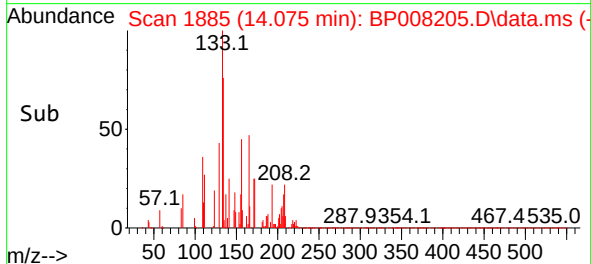
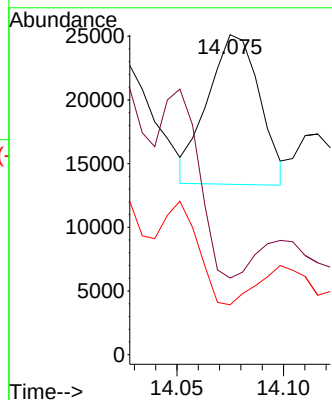
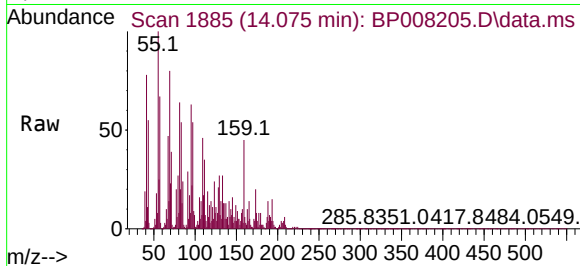




#51
2,6-Dinitrotoluene
Concen: 5.320 ng
RT: 14.075 min Scan# 1885
Delta R.T. 0.041 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

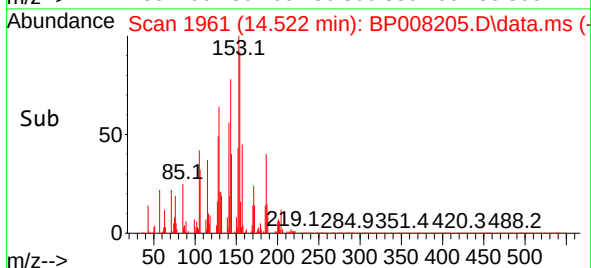
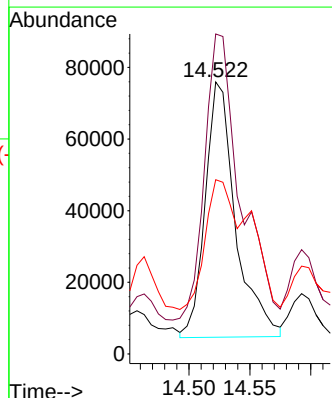
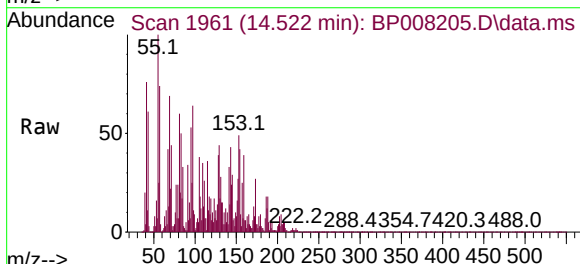
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

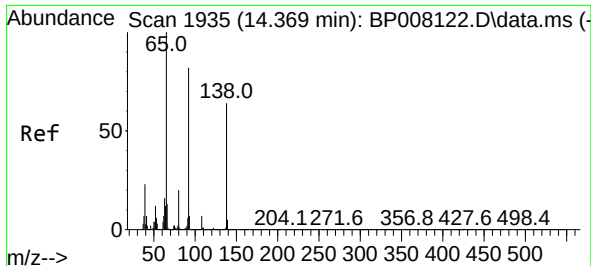
Tgt Ion:165 Resp: 19917
Ion Ratio Lower Upper
165 100
63 23.9 50.8 76.2#
89 15.6 50.0 75.0#



#52
Acenaphthene
Concen: 9.766 ng
RT: 14.522 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:154 Resp: 123576
Ion Ratio Lower Upper
154 100
153 117.7 90.3 135.5
152 64.1 43.3 64.9

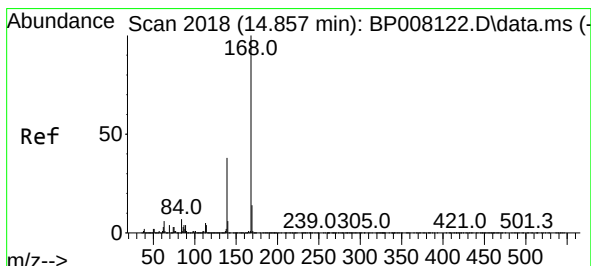
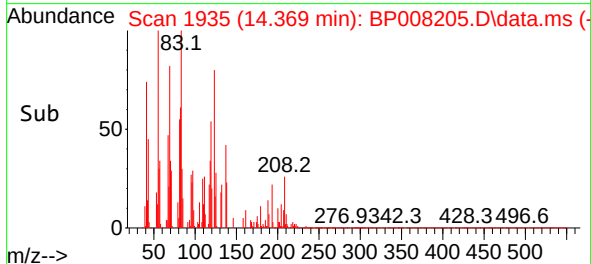
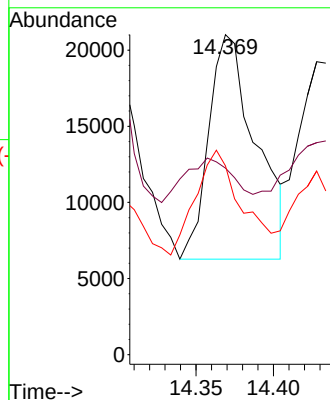
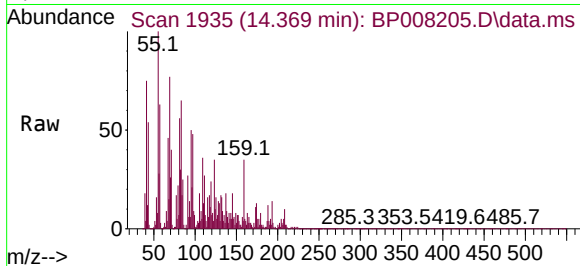




#53
3-Nitroaniline
Concen: 8.180 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

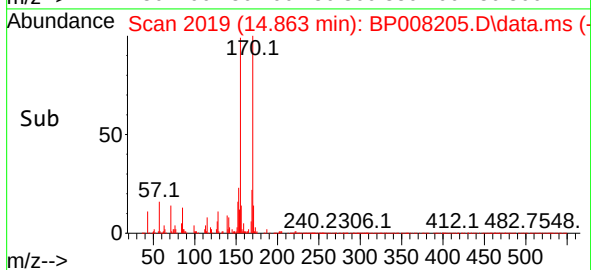
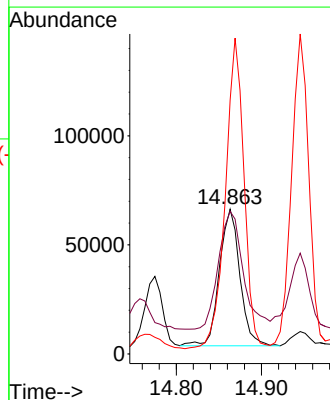
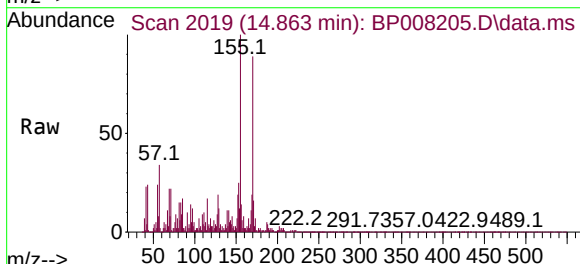
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

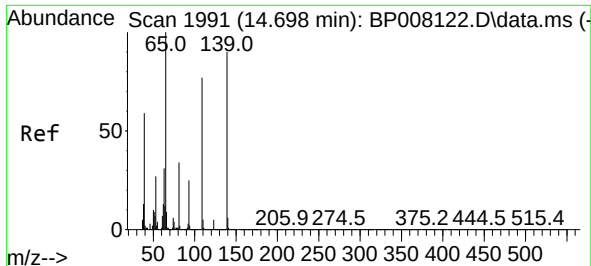
Tgt Ion:138 Resp: 31034
Ion Ratio Lower Upper
138 100
108 58.3 9.2 13.8#
92 59.0 102.9 154.3#



#55
Dibenzofuran
Concen: 4.848 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:168 Resp: 104827
Ion Ratio Lower Upper
168 100
139 98.5 30.6 46.0#
169 175.1 11.0 16.4#

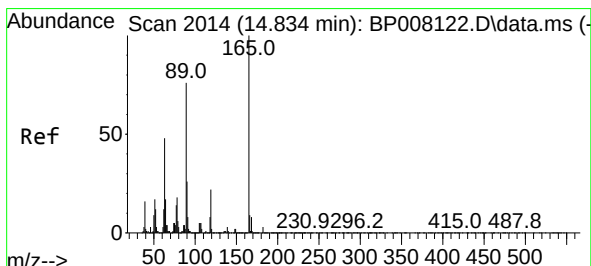
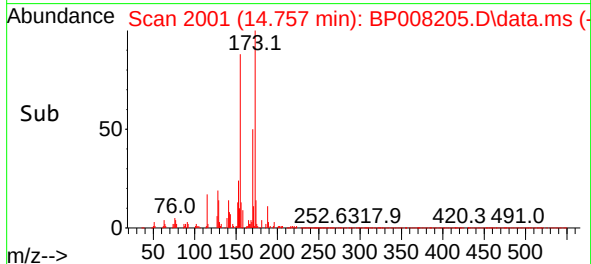
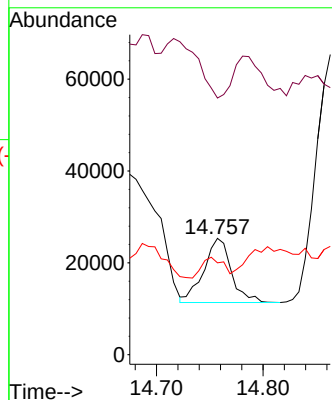
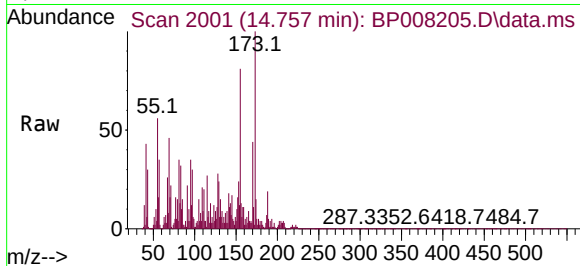




#56
4-Nitrophenol
Concen: 8.602 ng
RT: 14.757 min Scan# 2001
Delta R.T. 0.053 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

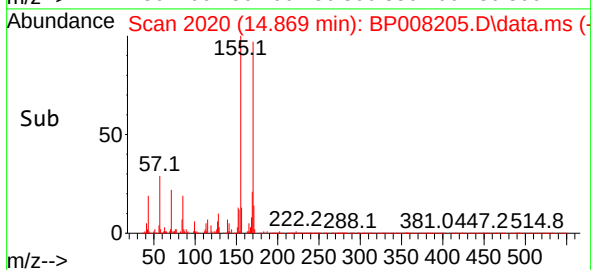
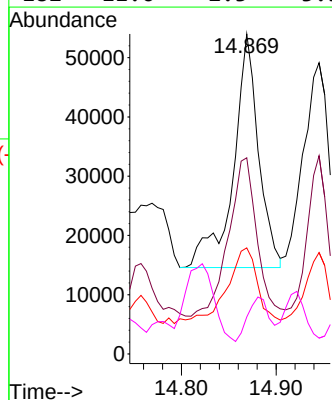
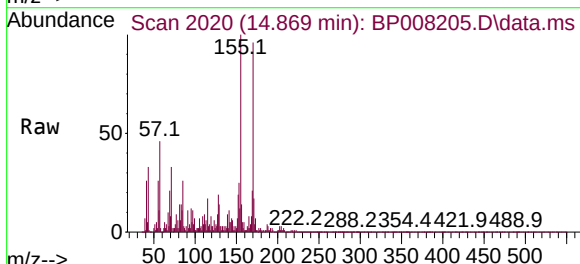
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

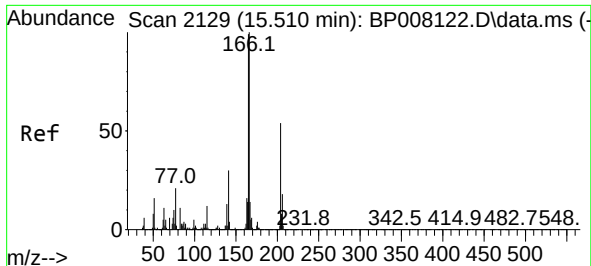
Tgt Ion:139 Resp: 25013
Ion Ratio Lower Upper
139 100
109 220.6 65.9 105.9#
65 78.9 91.9 131.9#



#57
2,4-Dinitrotoluene
Concen: 14.190 ng
RT: 14.869 min Scan# 2020
Delta R.T. 0.041 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:165 Resp: 72905
Ion Ratio Lower Upper
165 100
63 61.3 38.9 58.3#
89 33.2 60.5 90.7#
182 11.6 2.3 3.5#

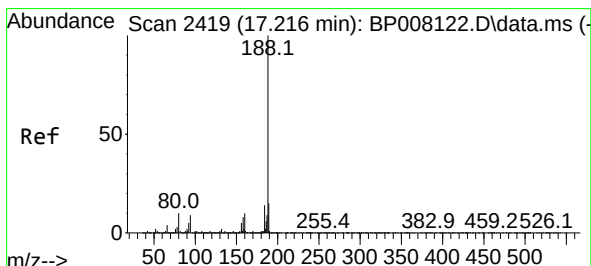
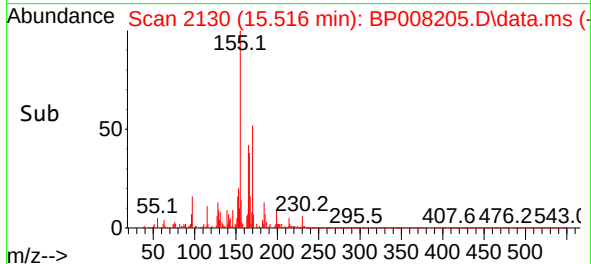
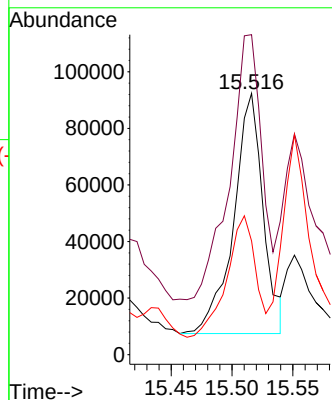
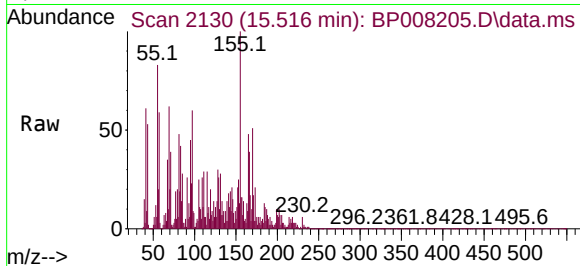




#58
Fluorene
Concen: 8.162 ng
RT: 15.516 min Scan# 2129
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

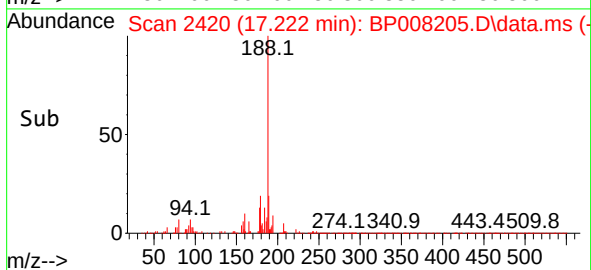
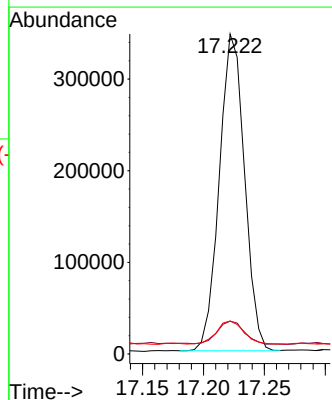
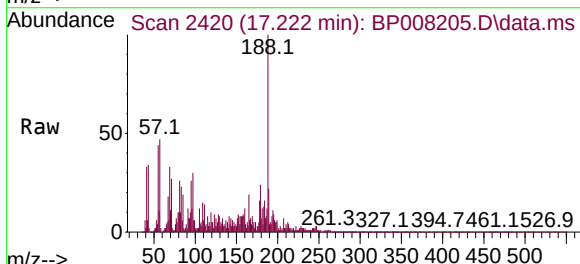
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

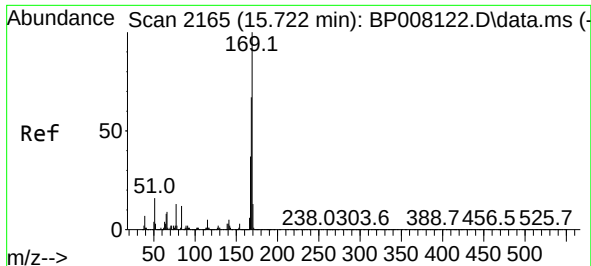
Tgt Ion:166 Resp: 143397
Ion Ratio Lower Upper
166 100
165 122.5 79.4 119.2#
167 43.5 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:188 Resp: 497926
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.3 8.2 12.4

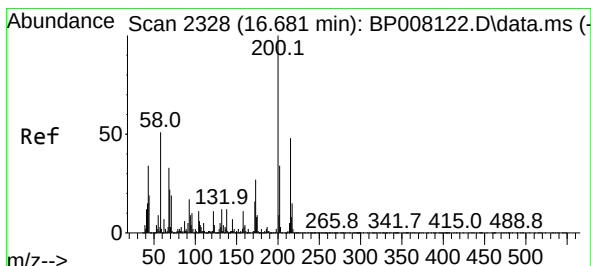
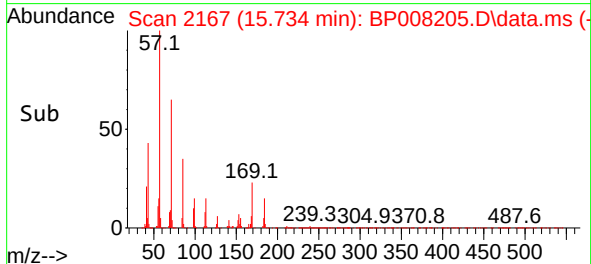
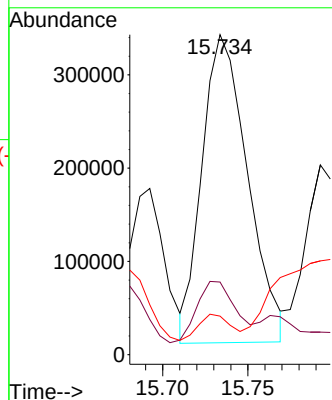
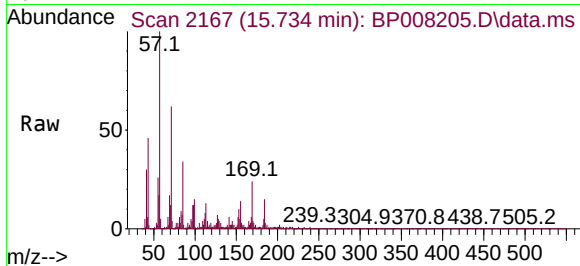




#66
n-Nitrosodiphenylamine
Concen: 42.547 ng
RT: 15.734 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

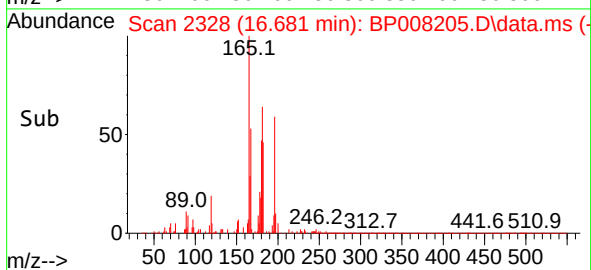
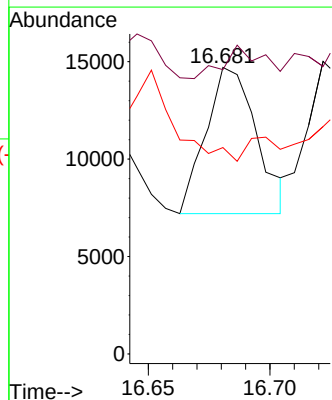
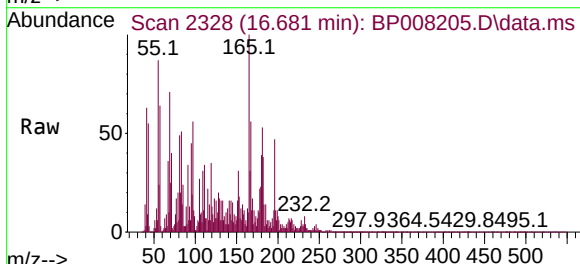
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

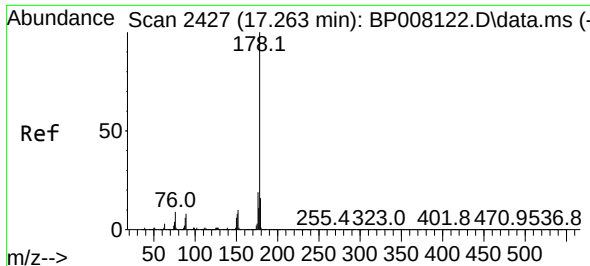
Tgt Ion:169 Resp: 613666
Ion Ratio Lower Upper
169 100
168 22.7 53.5 80.3#
167 12.1 29.3 43.9#



#69
Atrazine
Concen: 2.903 ng
RT: 16.681 min Scan# 2328
Delta R.T. 0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:200 Resp: 10868
Ion Ratio Lower Upper
200 100
173 99.2 6.8 46.8#
215 72.0 28.4 68.4#

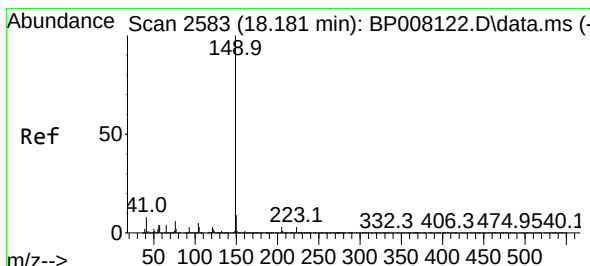
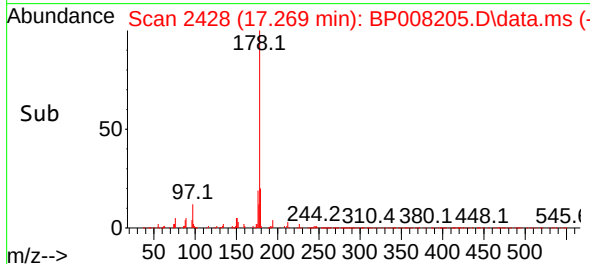
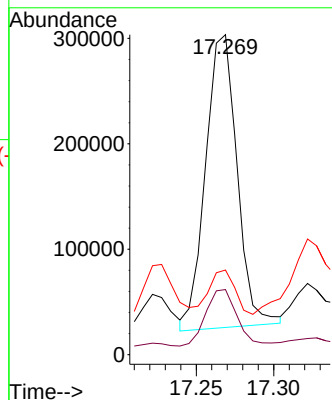
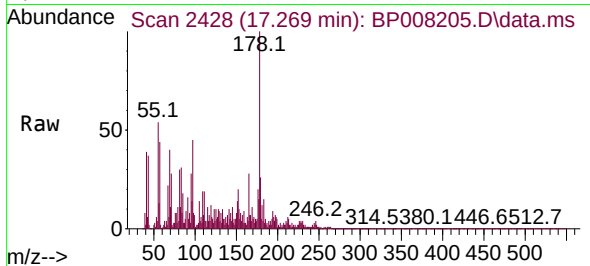




#71
Phenanthrene
Concen: 14.975 ng
RT: 17.269 min Scan# 2427
Delta R.T. 0.018 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

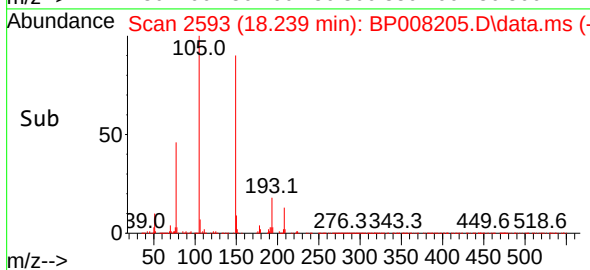
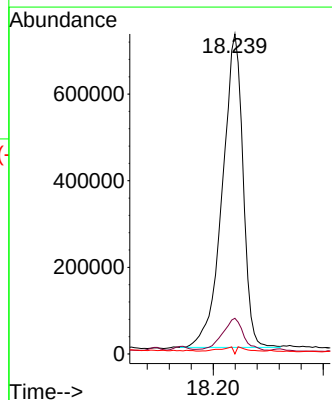
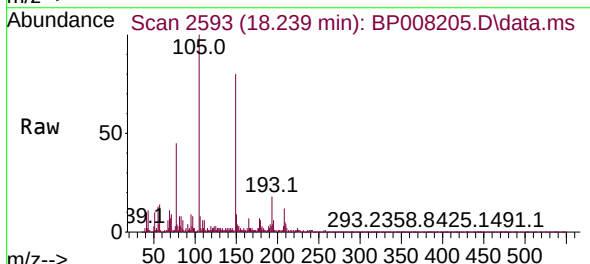
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

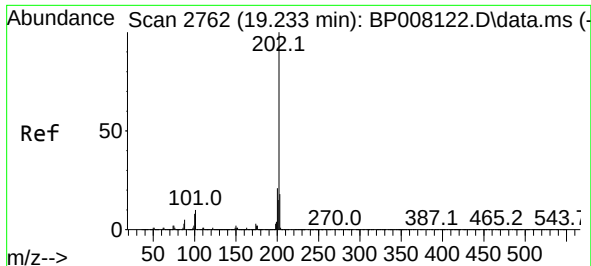
Tgt Ion:178 Resp: 393697
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 26.5 12.5 18.7#



#74
Di-n-butylphthalate
Concen: 59.131 ng
RT: 18.239 min Scan# 2593
Delta R.T. 0.065 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:149 Resp: 1885205
Ion Ratio Lower Upper
149 100
150 11.1 7.4 11.2
104 0.0 4.4 6.6#

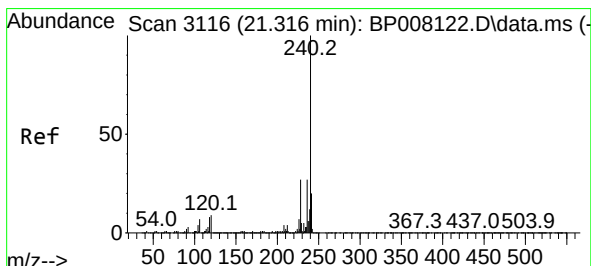
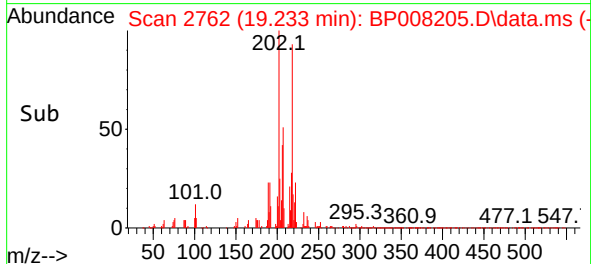
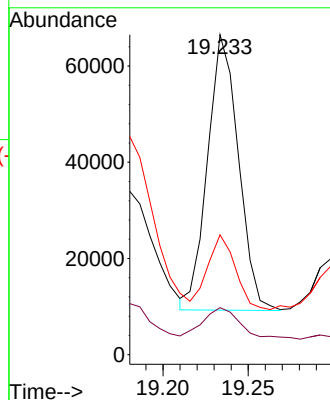
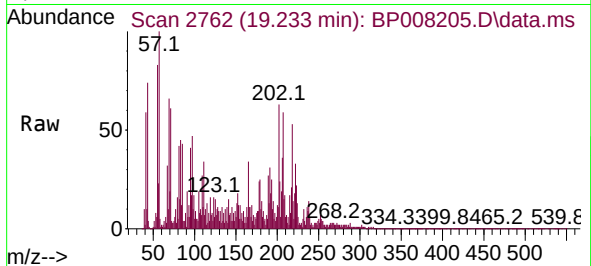




#75
Fluoranthene
Concen: 2.036 ng
RT: 19.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

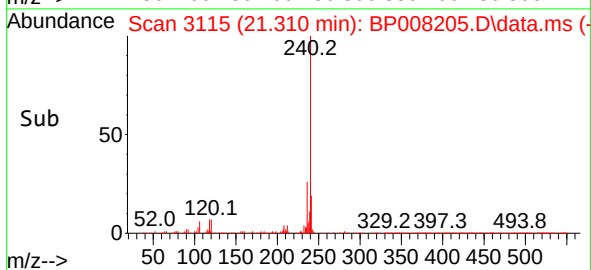
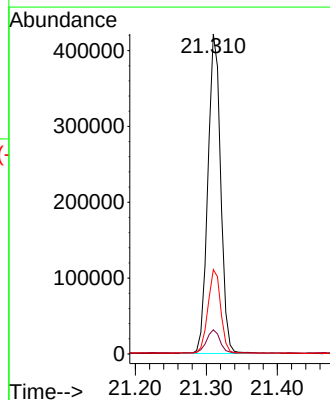
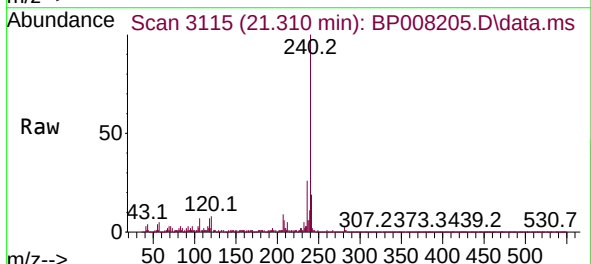
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

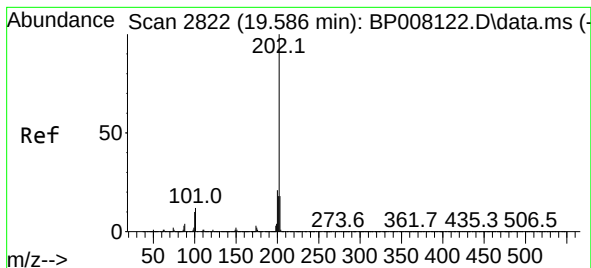
Tgt Ion:202 Resp: 72111
Ion Ratio Lower Upper
202 100
101 14.7 0.0 29.8
203 37.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:240 Resp: 526925
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.3 21.4 32.2





#78

Pyrene

Concen: 6.654 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP008205.D

Acq: 03 Dec 2021 15:11

Instrument :

BNA_P

ClientSampleId :

SB-2-3.0

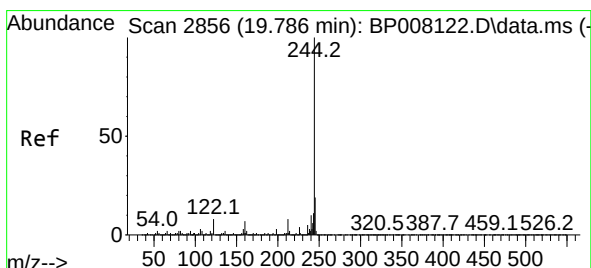
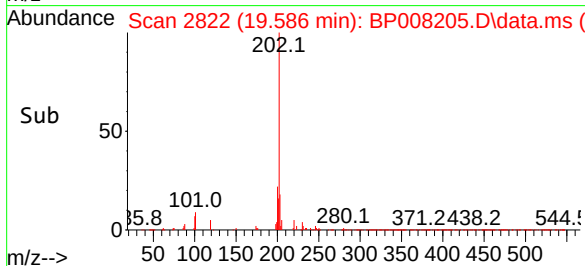
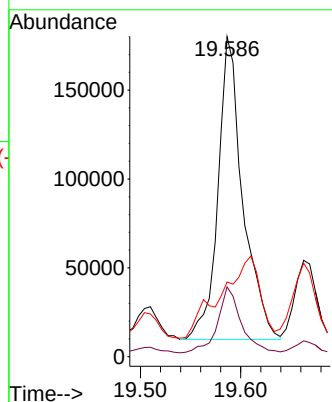
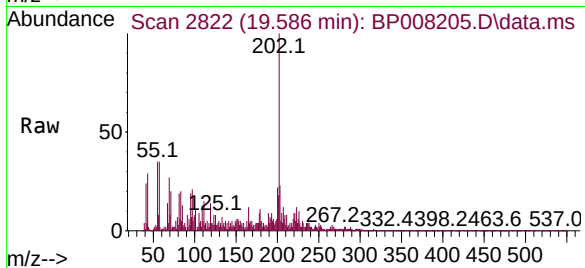
Tgt Ion:202 Resp: 294007

Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 23.3 14.2 21.2#



#79

Terphenyl-d14

Concen: 77.551 ng

RT: 19.786 min Scan# 2856

Delta R.T. 0.006 min

Lab File: BP008205.D

Acq: 03 Dec 2021 15:11

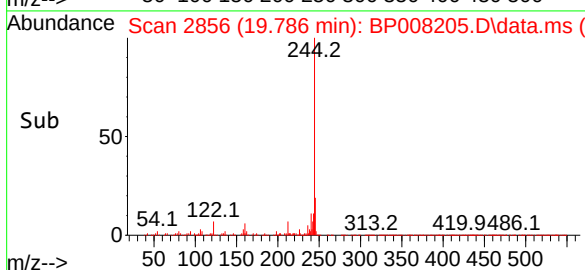
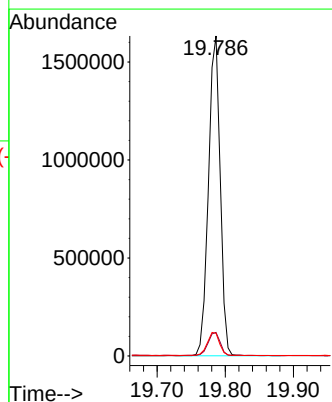
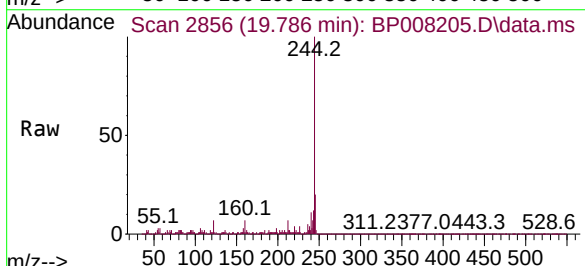
Tgt Ion:244 Resp: 1955256

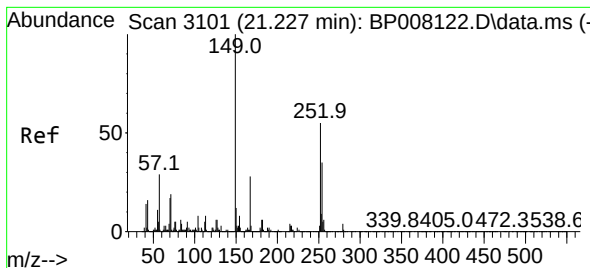
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.1 6.6 9.8

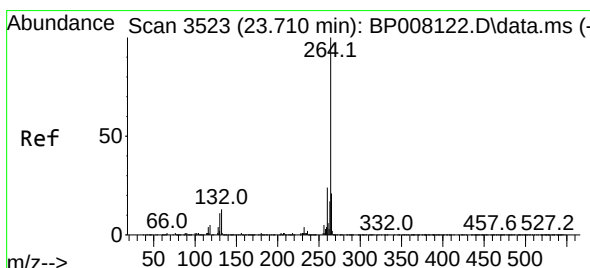
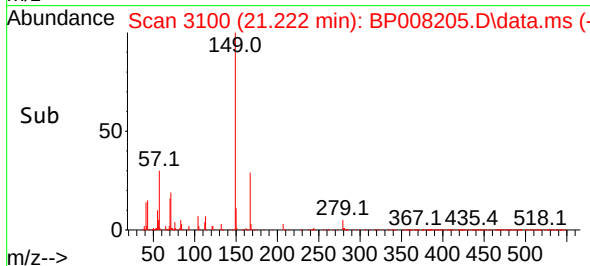
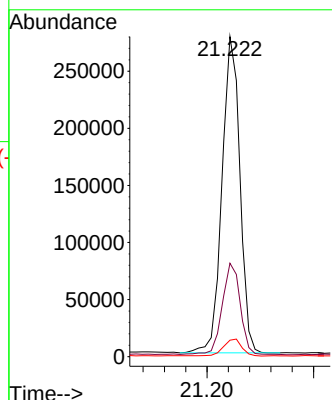
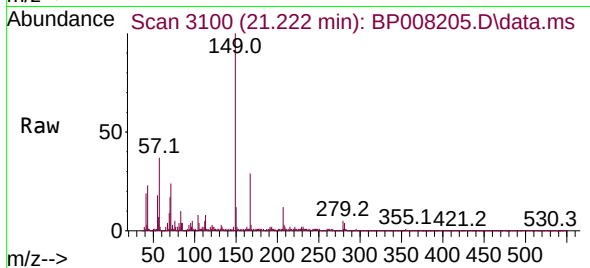




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.111 ng
RT: 21.222 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

Tgt Ion:149 Resp: 321481
Ion Ratio Lower Upper
149 100
167 29.2 22.5 33.7
279 5.2 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Tgt Ion:264 Resp: 481644
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.0 17.6 26.4

