

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

Manual Integrations
 APPROVED

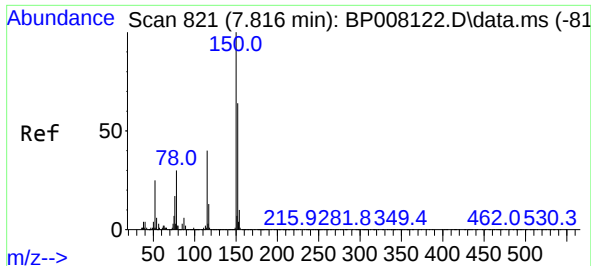
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

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
38) 1-Methylnaphthalene	12.493	142	408396	30.978	ng	# 96
49) Acenaphthylene	14.187	152	66072	3.112	ng	# 1
52) Acenaphthene	14.522	154	123576	9.766	ng	92
55) Dibenzofuran	14.863	168	104827	4.848	ng	# 1
58) Fluorene	15.516	166	187547m	10.675	ng	
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



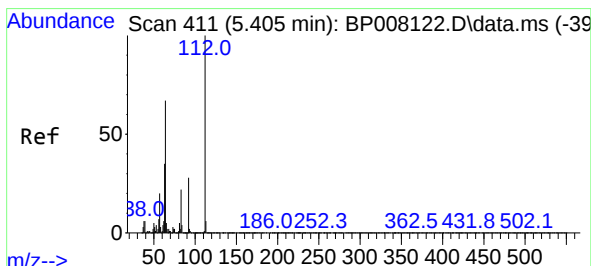
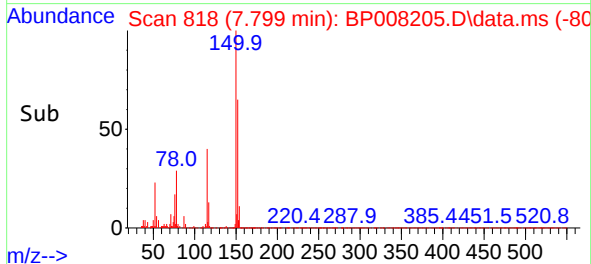
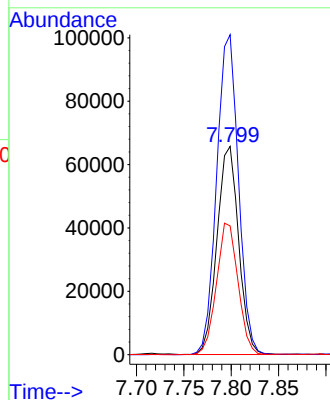
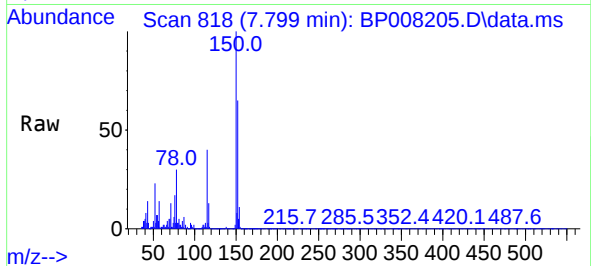
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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

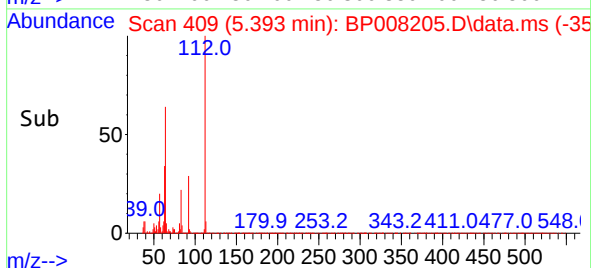
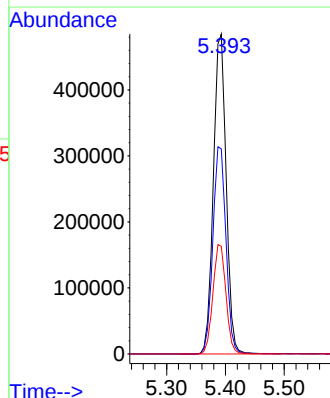
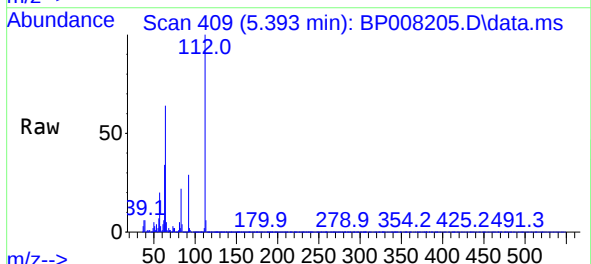
Manual Integrations
APPROVED

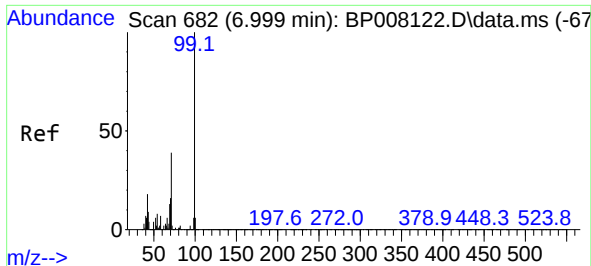
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

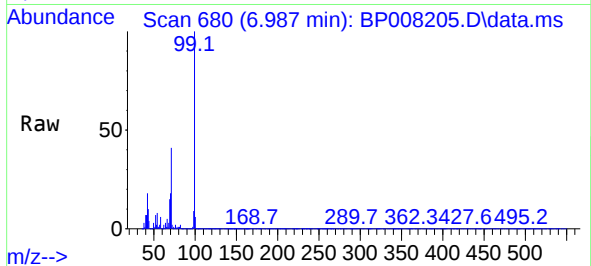
Tgt Ion:112 Resp: 731623
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 33.6 27.8 41.8





#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

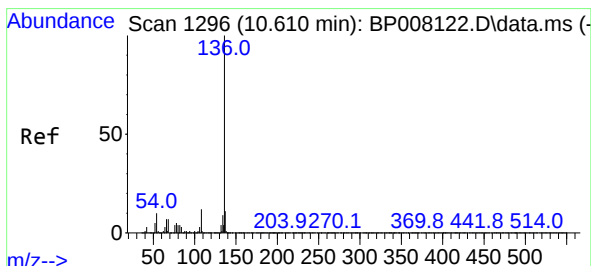
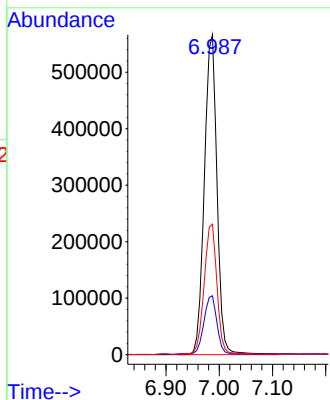
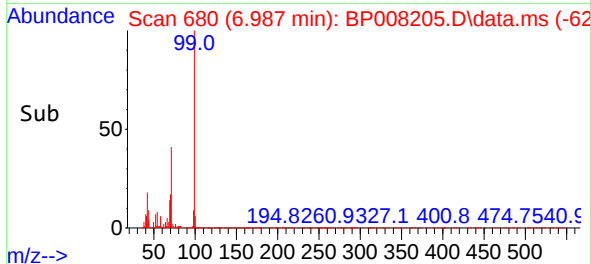
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



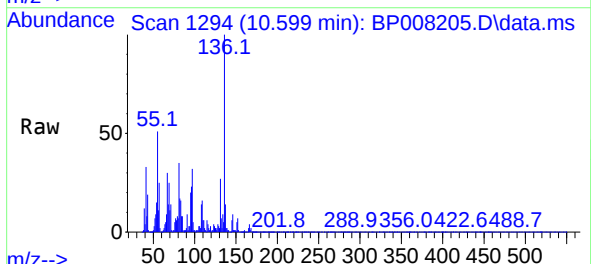
Tgt Ion: 99 Resp: 93260
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 40.8 31.1 46.7

Manual Integrations
APPROVED

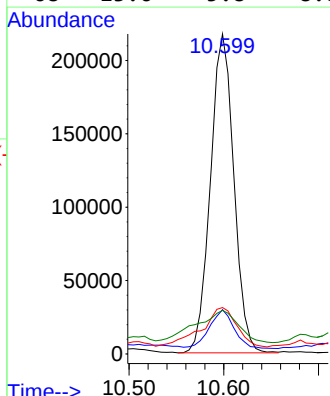
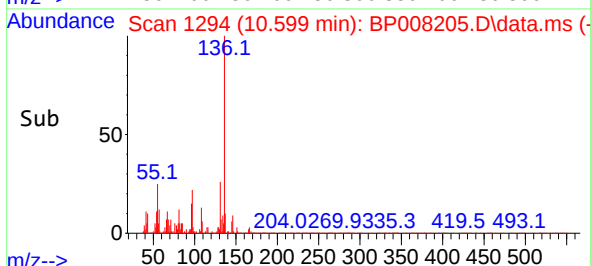
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

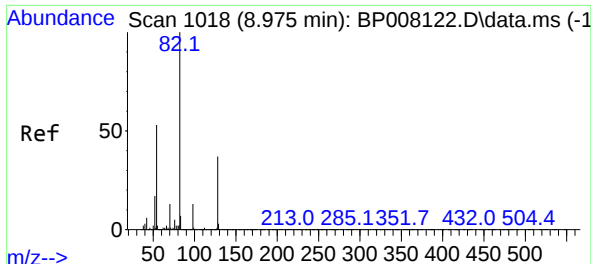


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11



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#





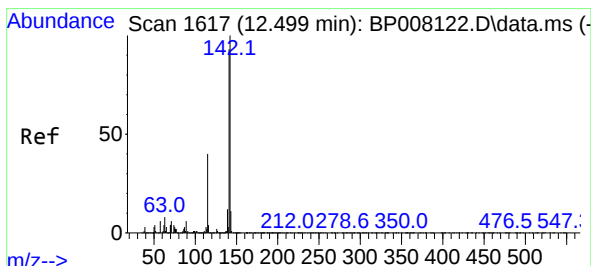
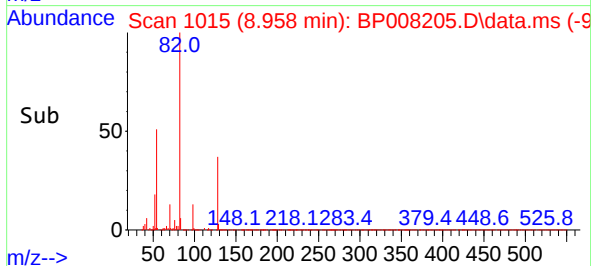
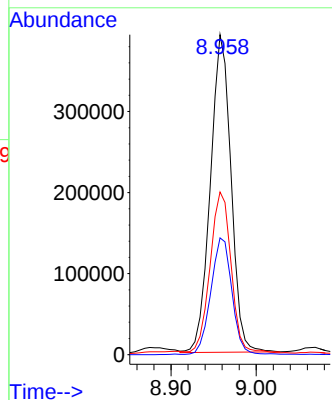
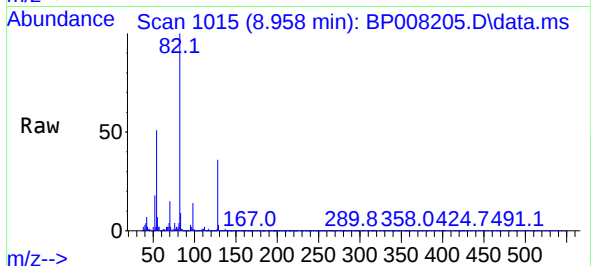
#23
Nitrobenzene-d5
Concen: 80.294 ng
RT: 8.958 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

Tgt Ion: 82 Resp: 66006
Ion Ratio Lower Upper
82 100
128 36.5 29.6 44.4
54 50.9 42.7 64.1

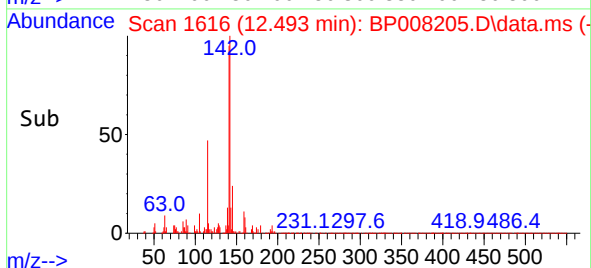
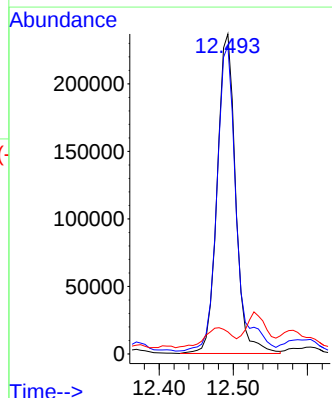
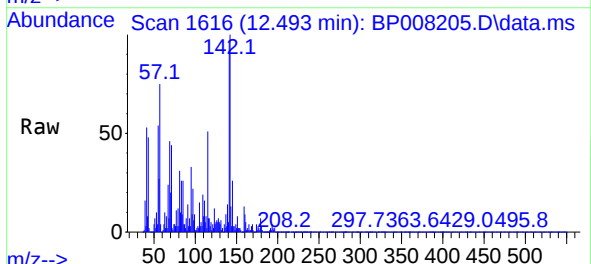
Manual Integrations
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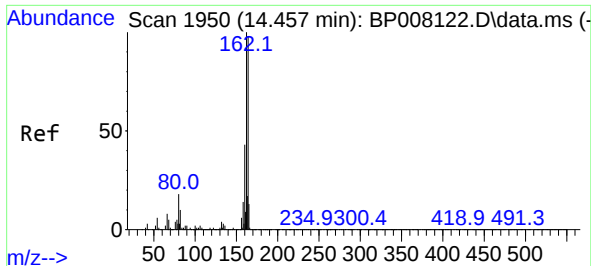
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

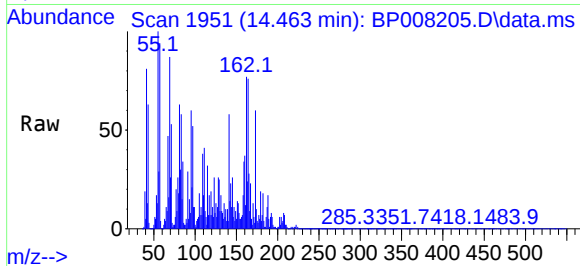
Tgt Ion:142 Resp: 408396
Ion Ratio Lower Upper
142 100
141 96.3 74.2 111.4
116 6.9 3.4 5.2#





#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

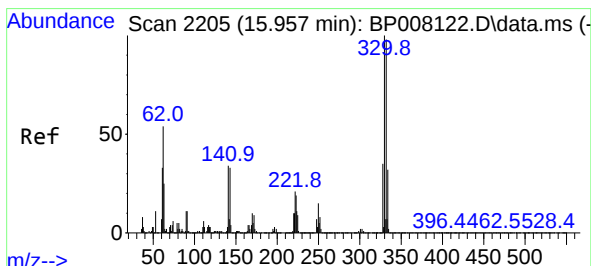
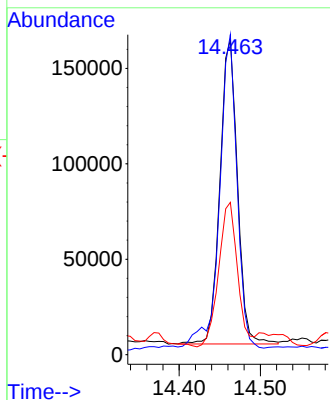
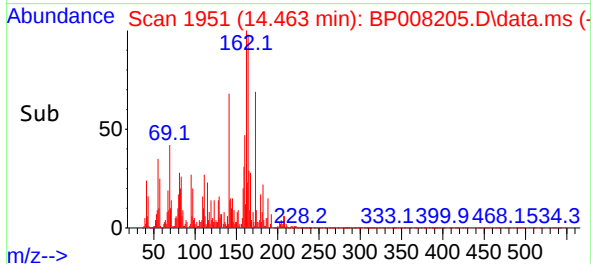
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



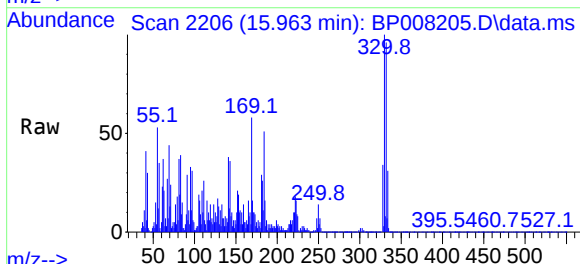
Tgt Ion:164 Resp: 240215
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 48.4 35.4 53.0

Manual Integrations
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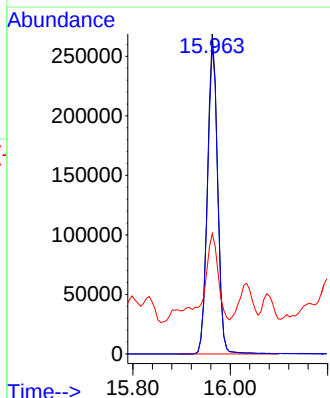
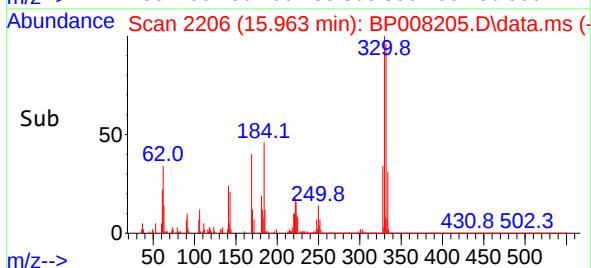
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

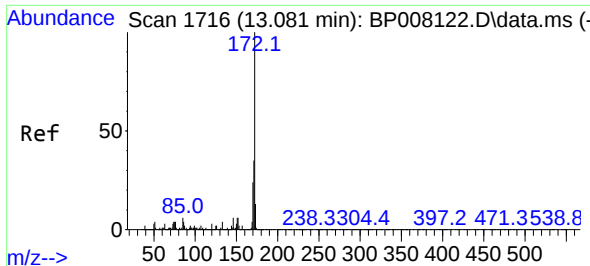


#42
2,4,6-Tribromophenol
Concen: 126.252 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11



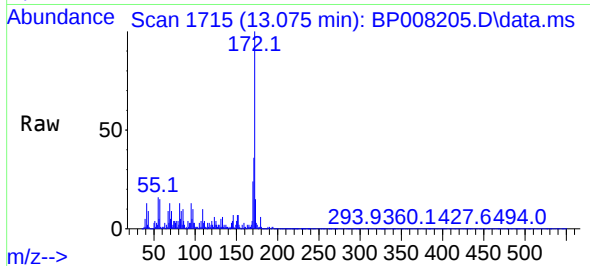
Tgt Ion:330 Resp: 387637
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 30.3 28.4 42.6





#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

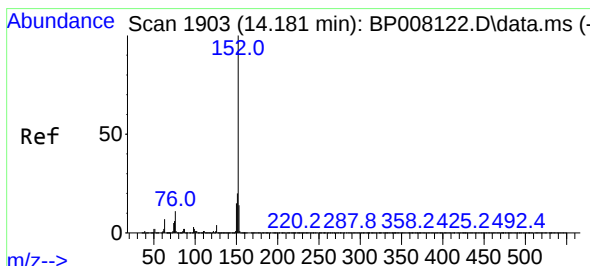
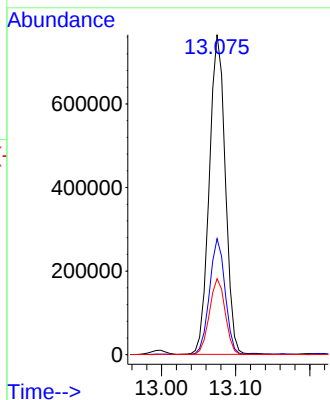
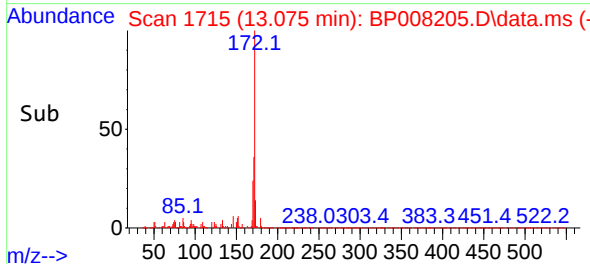
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



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

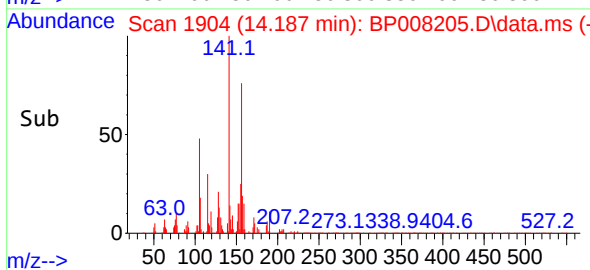
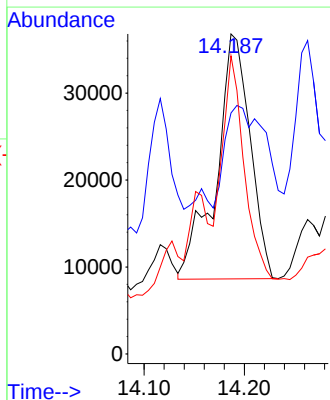
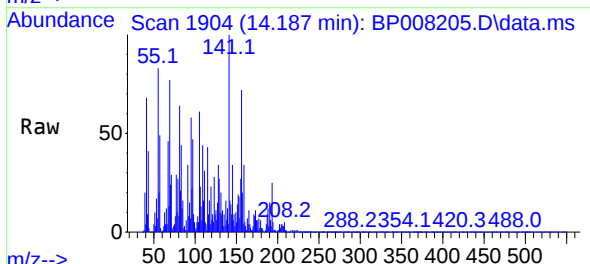
Manual Integrations
APPROVED

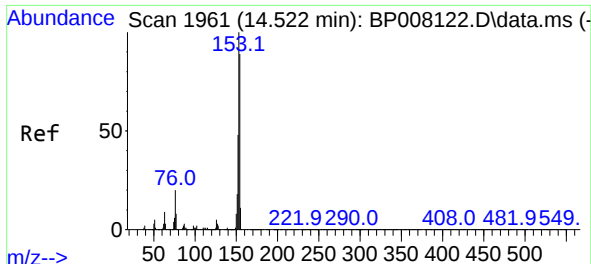
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

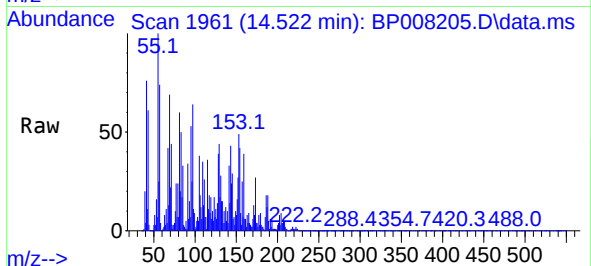
Tgt Ion:152 Resp: 66072
Ion Ratio Lower Upper
152 100
151 75.3 16.2 24.4#
153 93.2 10.9 16.3#





#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

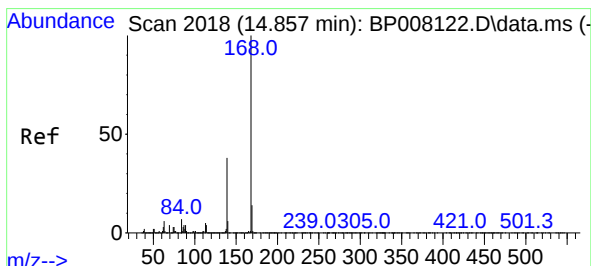
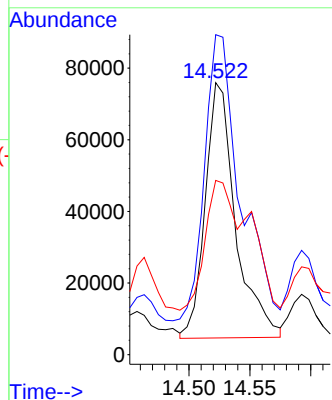
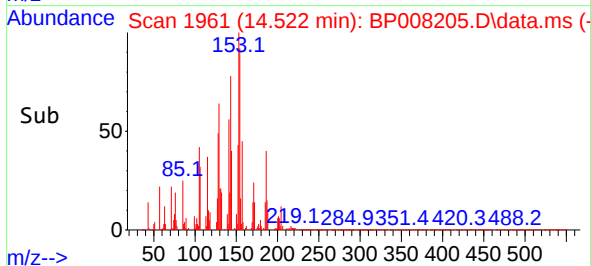
Instrument :
BNA_P
Client Sample Id :
SB-2-3.0



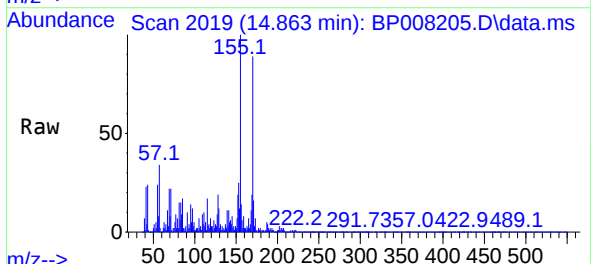
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Ion Ratio Lower Upper
154 100
153 117.7 90.3 135.5
152 64.1 43.3 64.9

Manual Integrations
APPROVED

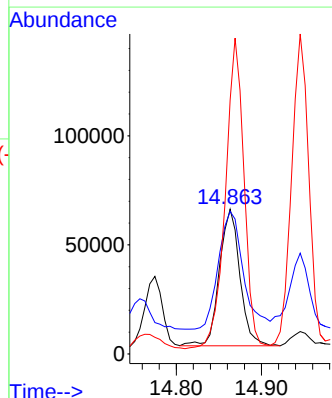
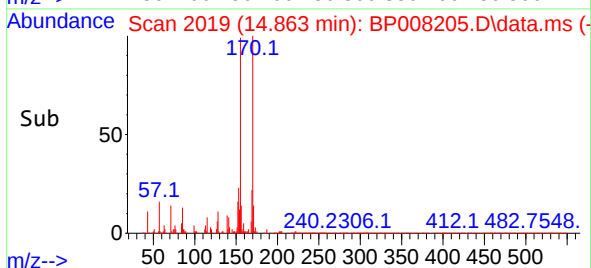
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

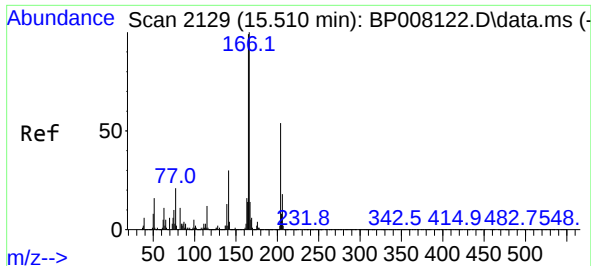


#55
Dibenzofuran
Concen: 4.848 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11



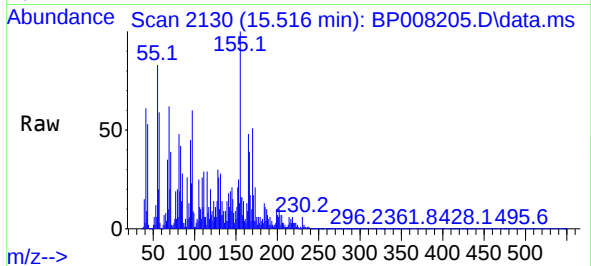
Tgt Ion:168 Resp: 104827
Ion Ratio Lower Upper
168 100
139 98.5 30.6 46.0#
169 175.1 11.0 16.4#





#58
Fluorene
Concen: 10.675 ng m
RT: 15.516 min Scan# 2129
Delta R.T. 0.012 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

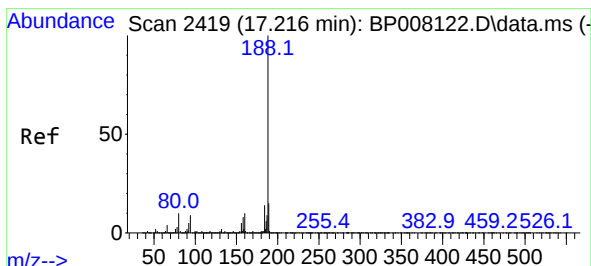
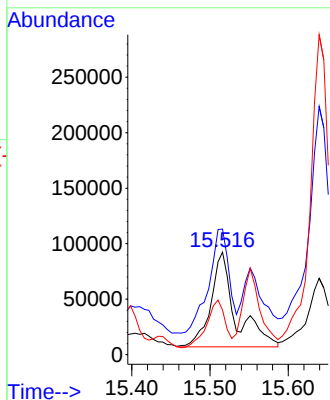
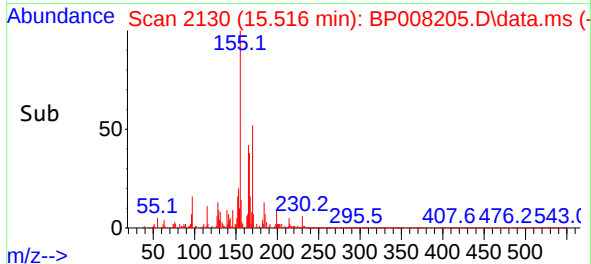
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



Tgt Ion:166 Resp: 18754
Ion Ratio Lower Upper
166 100
165 122.5 79.4 119.2
167 43.5 10.9 16.3

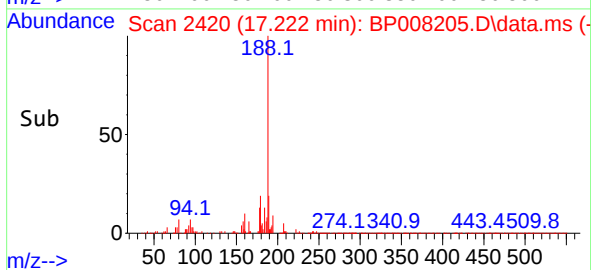
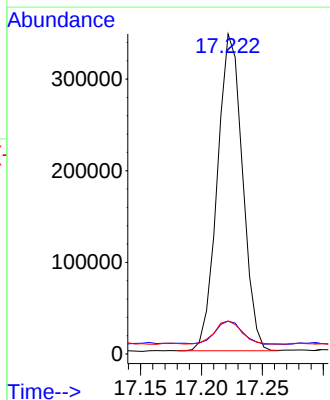
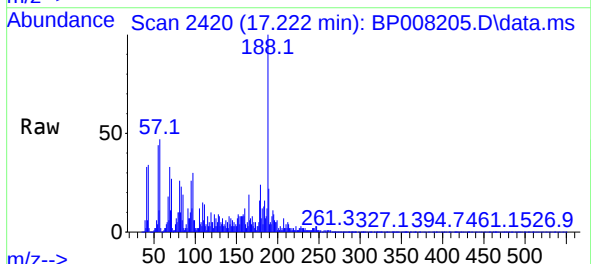
Manual Integrations
APPROVED

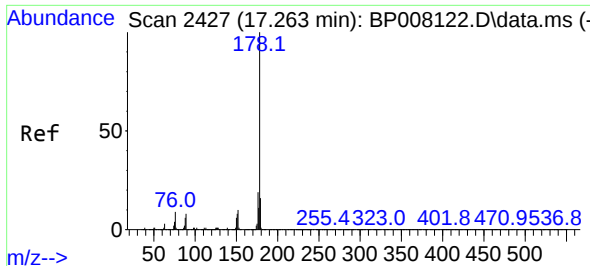
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

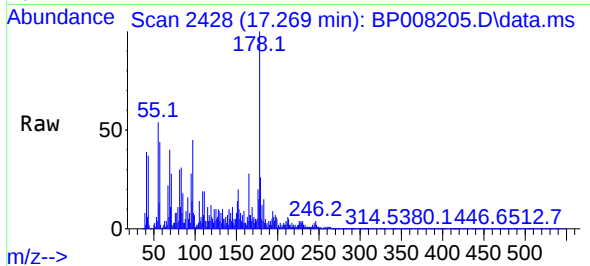
Tgt Ion:188 Resp: 497926
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.3 8.2 12.4





#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

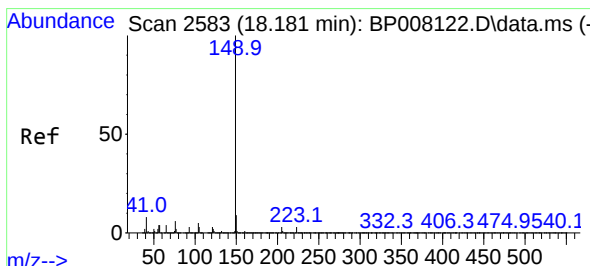
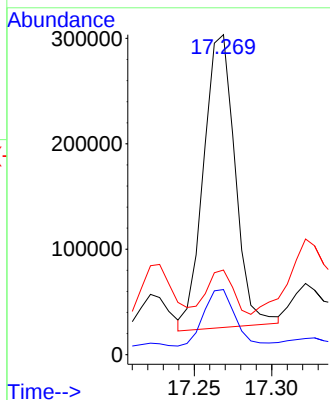
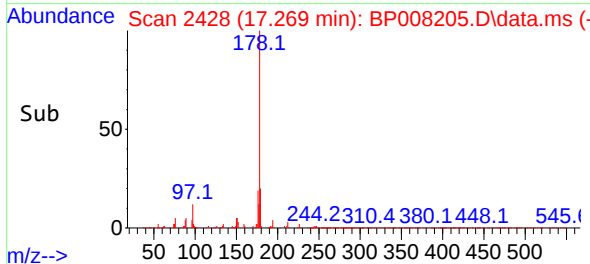
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



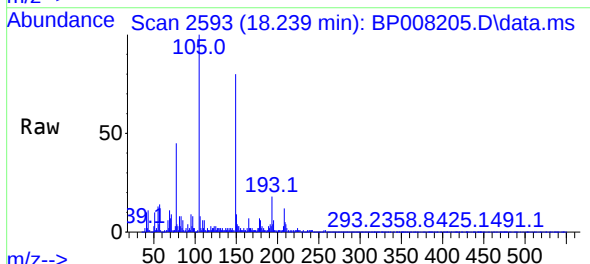
Tgt Ion:178 Resp: 393697
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 26.5 12.5 18.7

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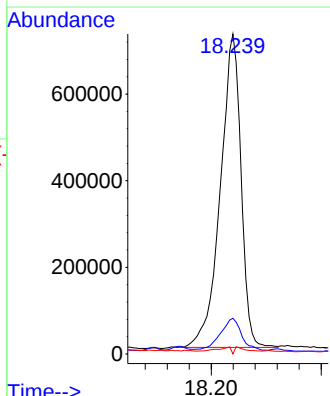
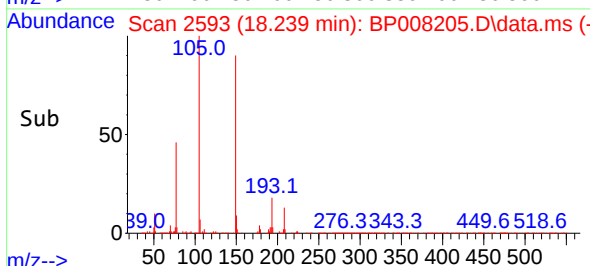
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

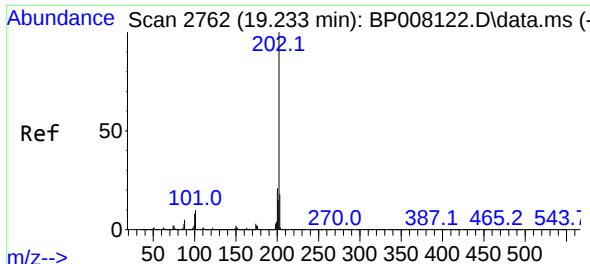


#74
Di-n-butylphthalate
Concen: 59.131 ng
RT: 18.239 min Scan# 2593
Delta R.T. 0.065 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11



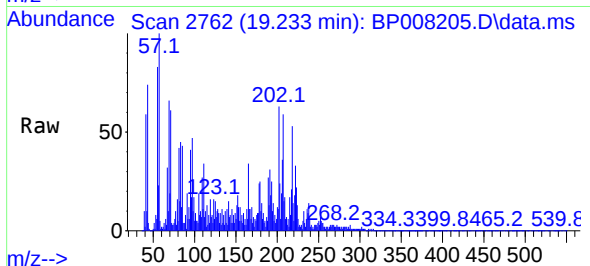
Tgt Ion:149 Resp: 1885205
Ion Ratio Lower Upper
149 100
150 11.1 7.4 11.2
104 0.0 4.4 6.6





#75
Fluoranthene
Concen: 2.036 ng
RT: 19.233 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11

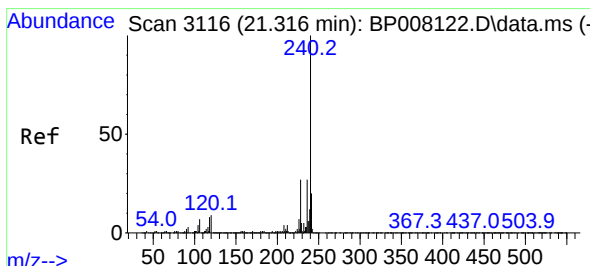
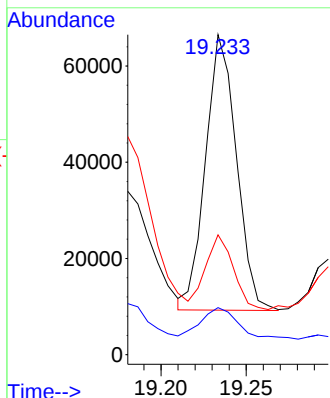
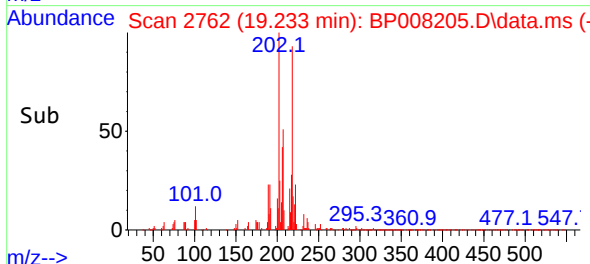
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



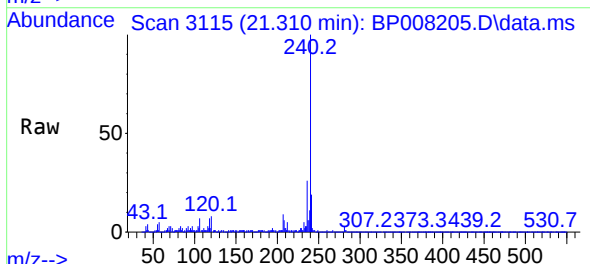
Tgt Ion:202 Resp: 7211
Ion Ratio Lower Upper
202 100
101 14.7 0.0 29.8
203 37.4 0.0 37.7

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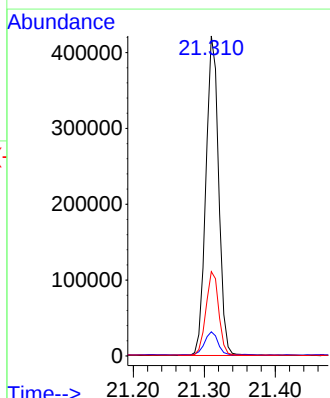
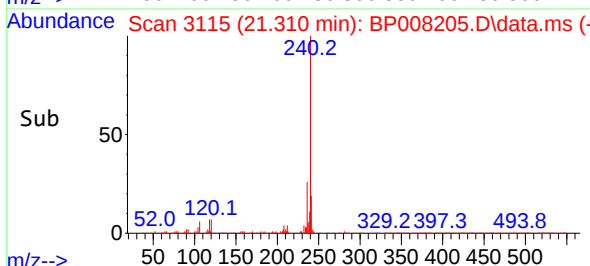
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

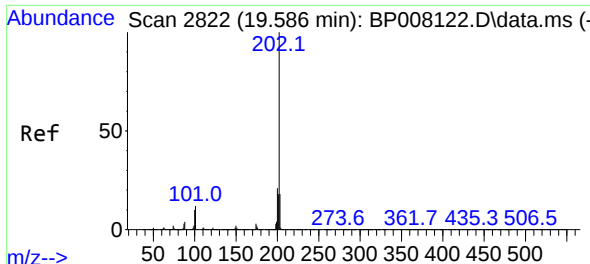


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008205.D
Acq: 03 Dec 2021 15:11



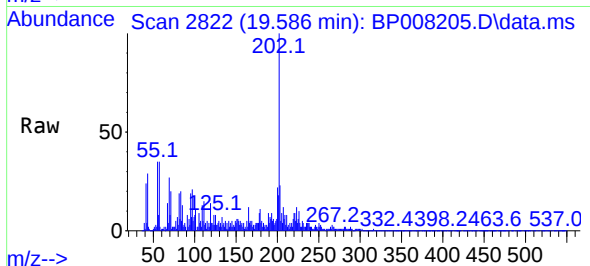
Tgt Ion:240 Resp: 526925
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.3 21.4 32.2





#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

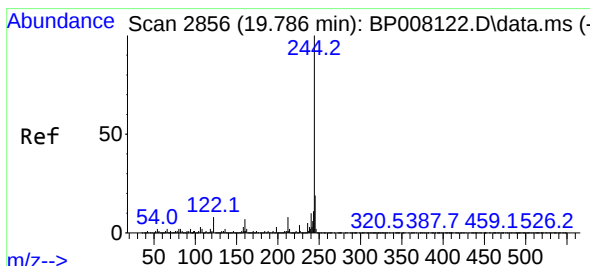
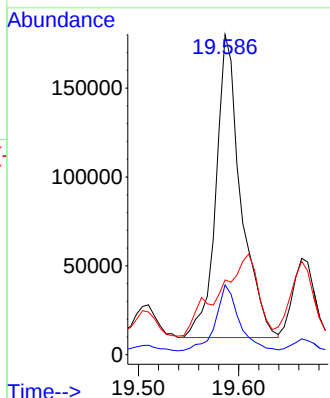
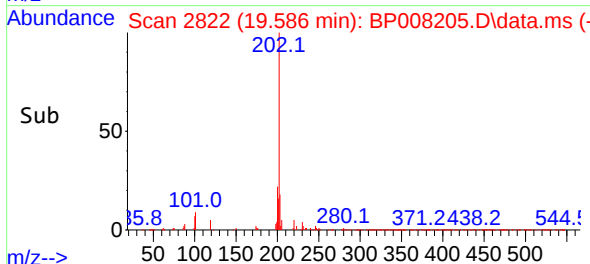
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



Tgt Ion:202 Resp: 29400
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 23.3 14.2 21.2

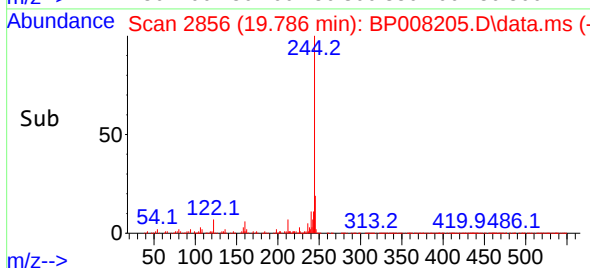
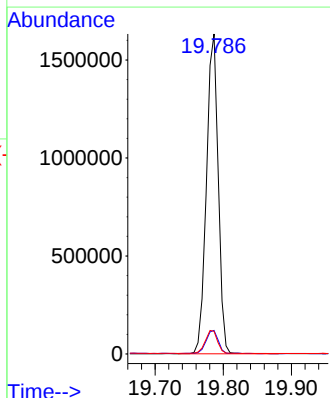
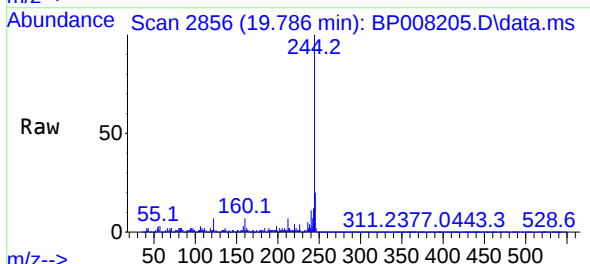
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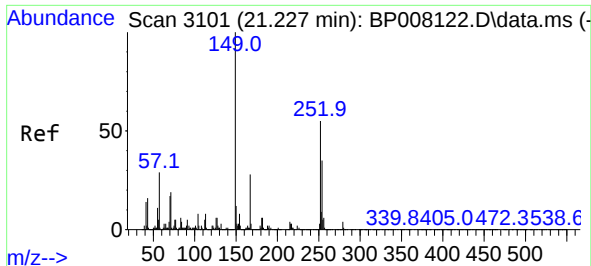
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

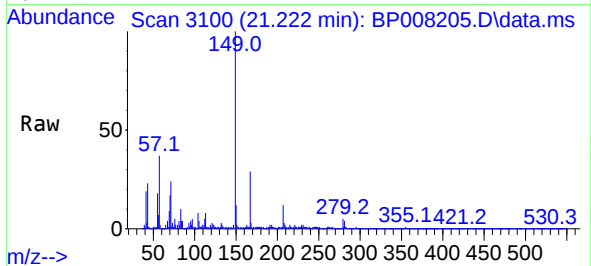
Tgt Ion:244 Resp: 1955256
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.1 6.6 9.8





#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

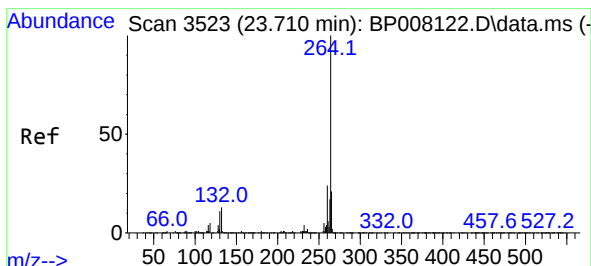
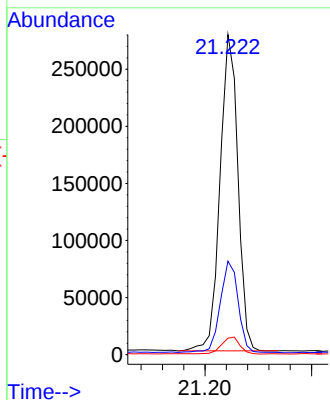
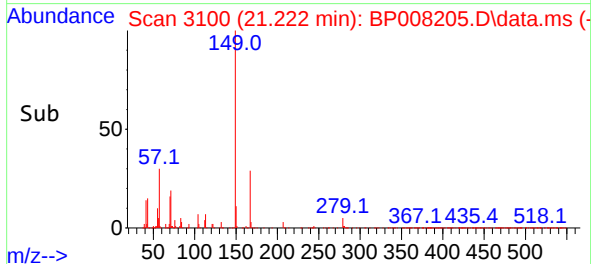
Instrument :
BNA_P
ClientSampleId :
SB-2-3.0



Tgt Ion:149 Resp: 32148
Ion Ratio Lower Upper
149 100
167 29.2 22.5 33.7
279 5.2 3.5 5.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#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

