

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006177.D
 Acq On : 10 Jul 2021 00:22
 Operator : CG/JU
 Sample : M2989-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-070821

Manual Integrations
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Quant Time: Jul 10 01:16:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	196196	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	747052	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	423469	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	802645	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	722360	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	883036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	198673	17.424	ng	0.00
7) Phenol-d6	7.063	99	227973	15.115	ng	0.00
23) Nitrobenzene-d5	9.052	82	128050	10.827	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	77342	15.341	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	305696	10.672	ng	0.00
79) Terphenyl-d14	19.810	244	403567	11.015	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	161295	3.558	ng	98
75) Fluoranthene	19.269	202	261842	5.270	ng	94
78) Pyrene	19.622	202	254734	5.217	ng	100
81) Benzo(a)anthracene	21.327	228	107389	2.351	ng	97
83) Chrysene	21.380	228	98108m	2.173	ng	
88) Benzo(b)fluoranthene	23.010	252	150781	2.815	ng	# 83
90) Benzo(a)pyrene	23.633	252	117923	2.346	ng	# 83

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

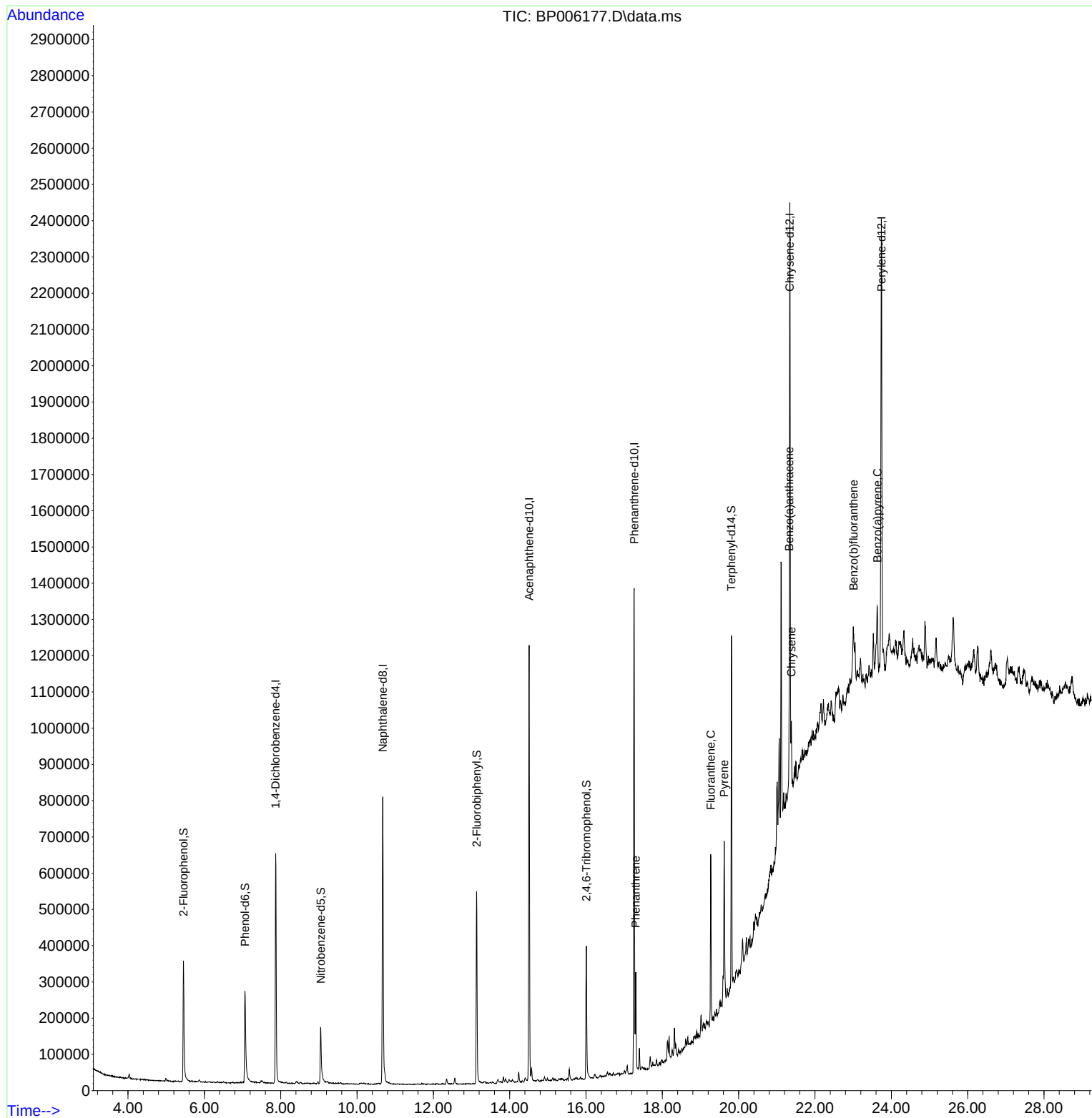
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
Data File : BP006177.D
Acq On : 10 Jul 2021 00:22
Operator : CG/JU
Sample : M2989-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

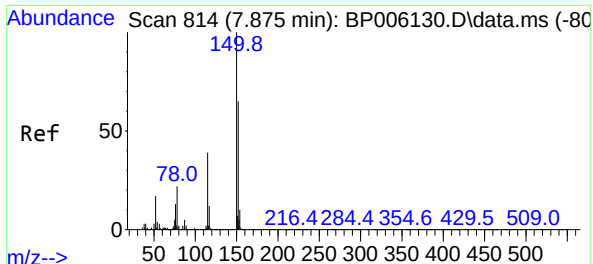
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

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Quant Time: Jul 10 01:16:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





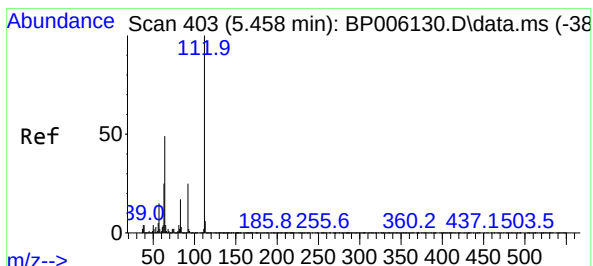
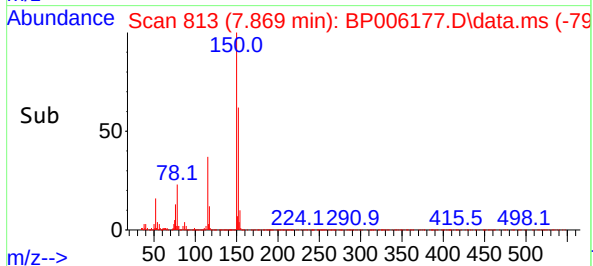
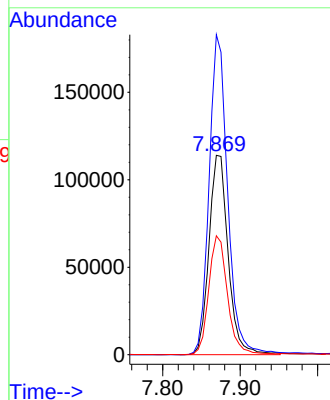
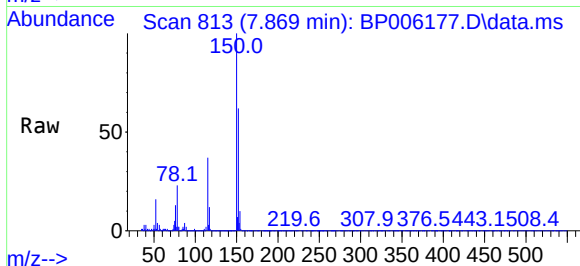
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:152 Resp: 196196
Ion Ratio Lower Upper
152 100
150 160.5 125.6 188.4
115 59.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
OR-03-070821

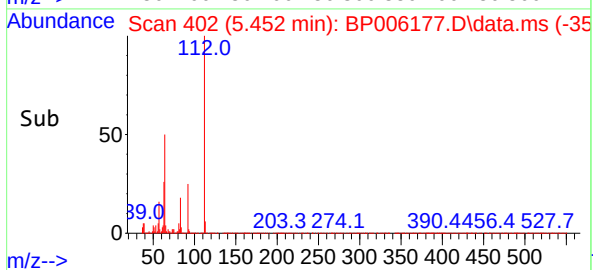
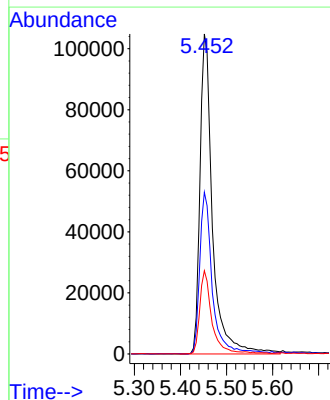
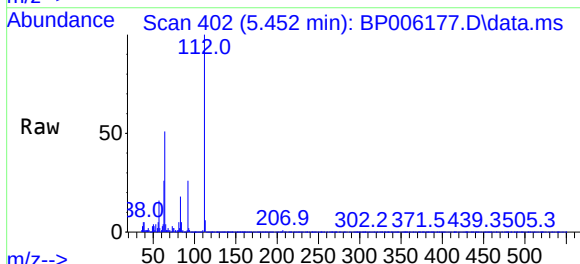
Manual Integrations
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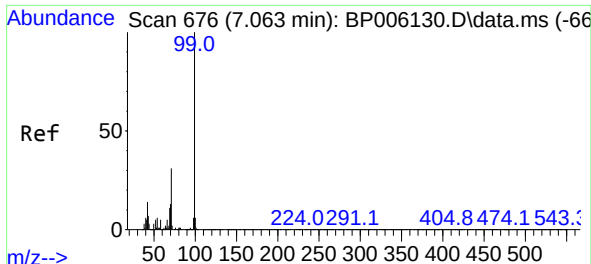
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#5
2-Fluorophenol
Concen: 17.424 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

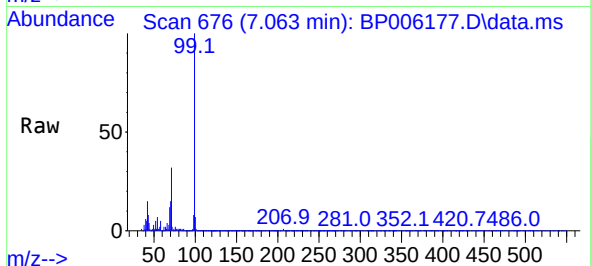
Tgt Ion:112 Resp: 198673
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.0 23.8 35.8





#7
Phenol-d6
Concen: 15.115 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

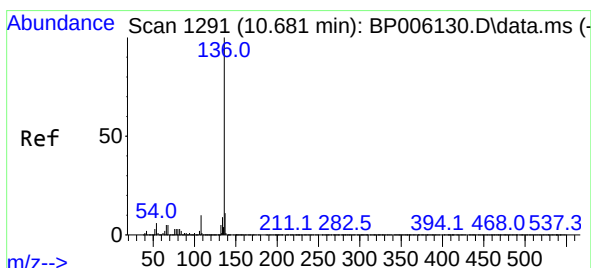
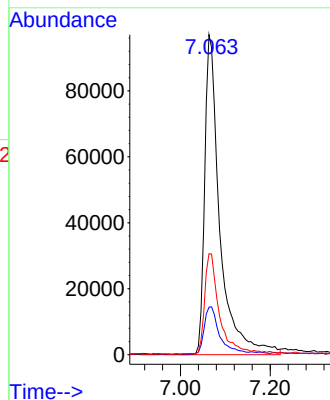
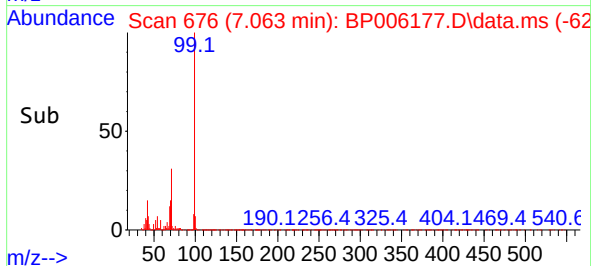
Instrument :
BNA_P
ClientSampleId :
OR-03-070821



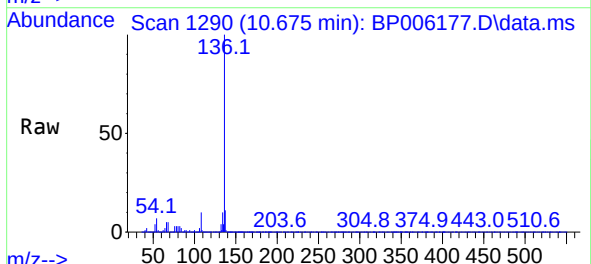
Tgt Ion: 99 Resp: 227973
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 31.5 30.6 46.0

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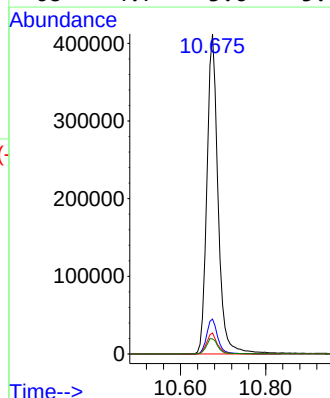
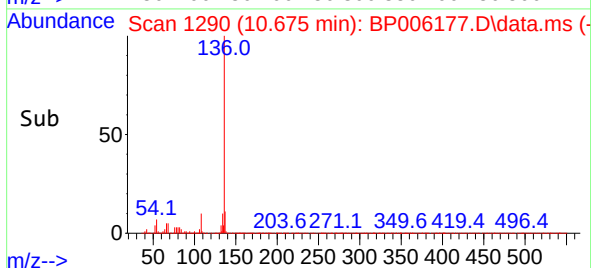
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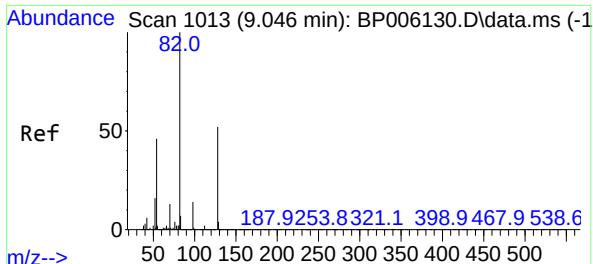


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



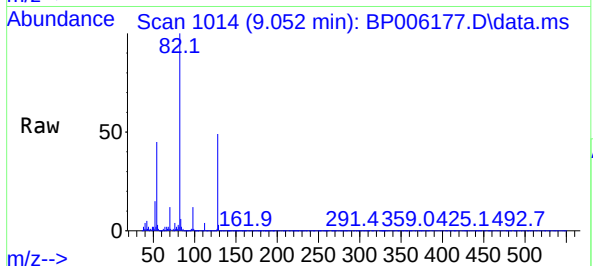
Tgt Ion: 136 Resp: 747052
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.5 4.6 6.8
68 4.7 3.6 5.4





#23
Nitrobenzene-d5
Concen: 10.827 ng
RT: 9.052 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

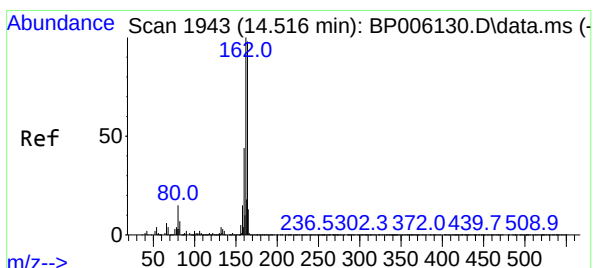
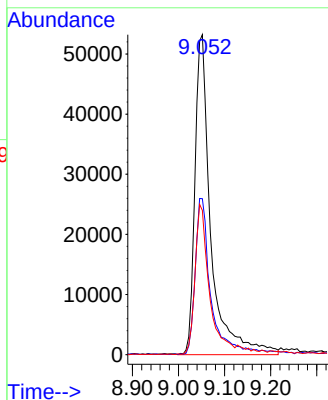
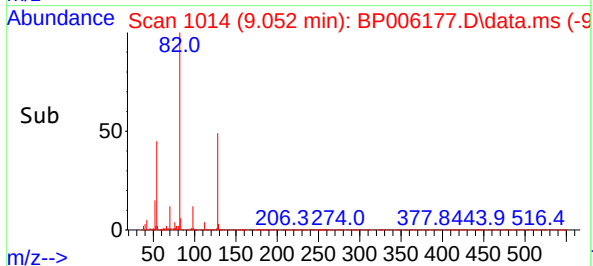
Instrument :
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ClientSampleId :
OR-03-070821



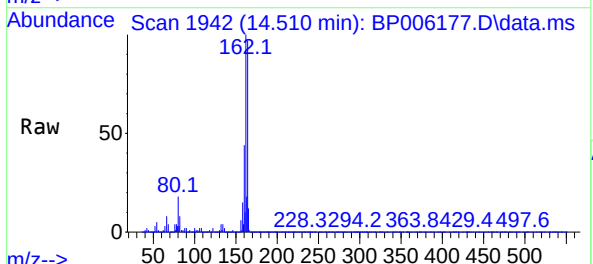
Tgt Ion: 82 Resp: 128050
Ion Ratio Lower Upper
82 100
128 48.8 35.7 53.5
54 45.1 35.0 52.4

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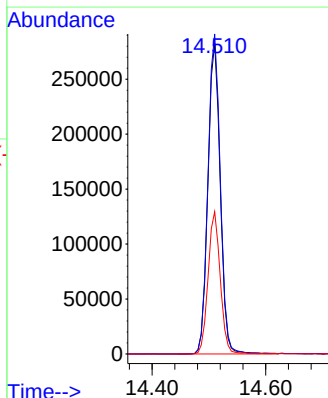
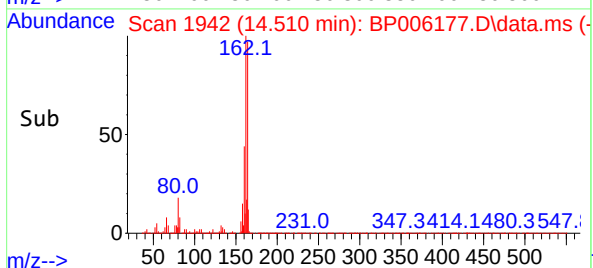
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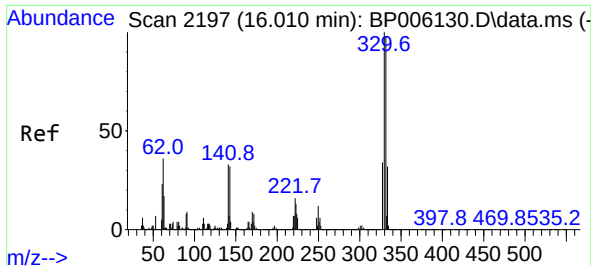


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



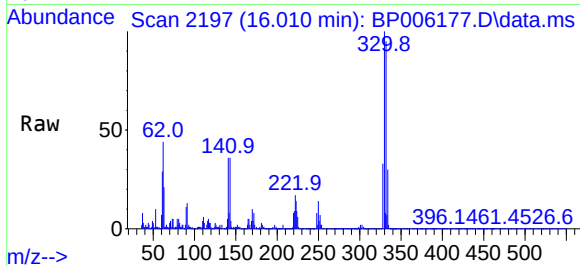
Tgt Ion: 164 Resp: 423469
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 45.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 15.341 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

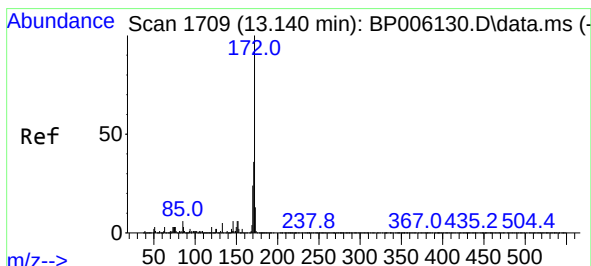
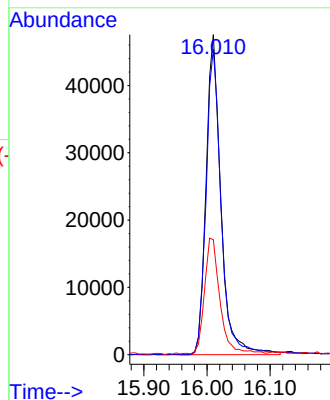
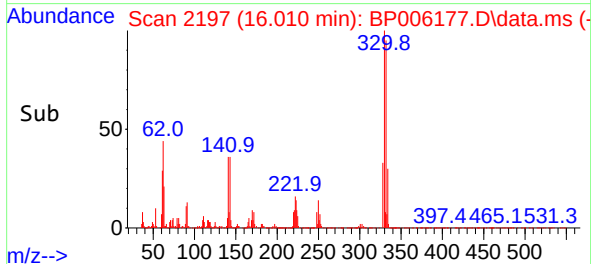
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ClientSampleId :
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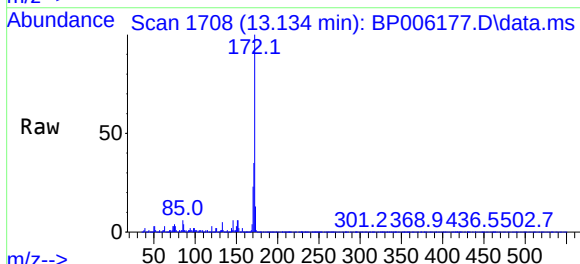
Tgt Ion:330 Resp: 77342
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.8
141 37.1 25.4 38.2

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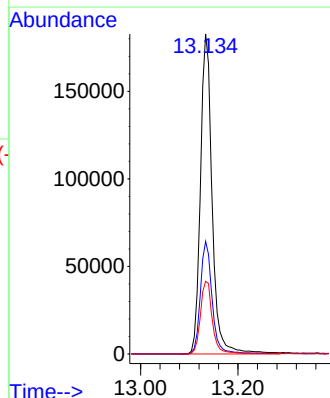
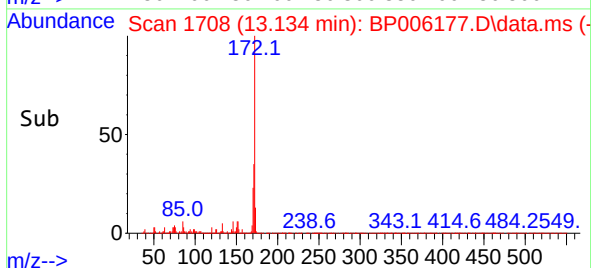
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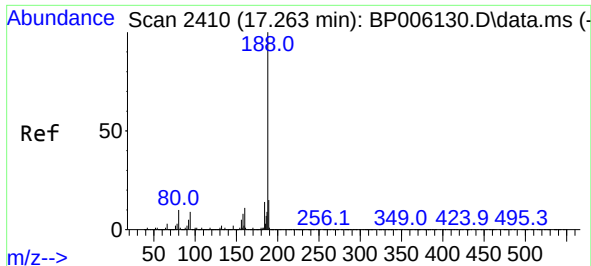


#45
2-Fluorobiphenyl
Concen: 10.672 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



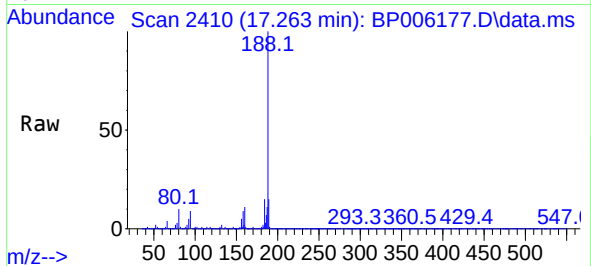
Tgt Ion:172 Resp: 305696
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

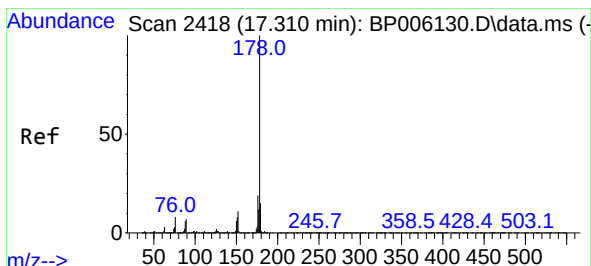
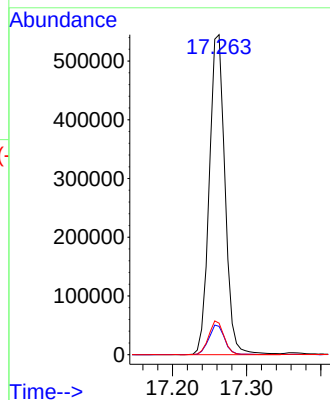
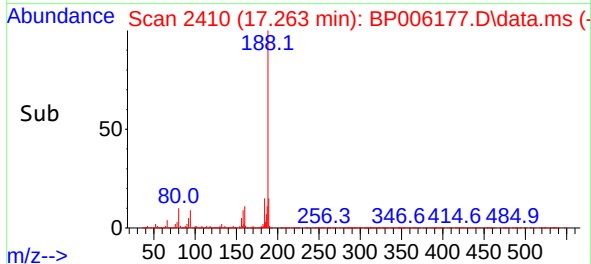
Instrument :
BNA_P
ClientSampleId :
OR-03-070821



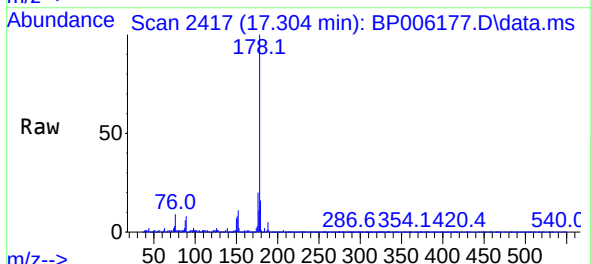
Tgt Ion:188 Resp: 802645
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 9.9 6.3 9.5#

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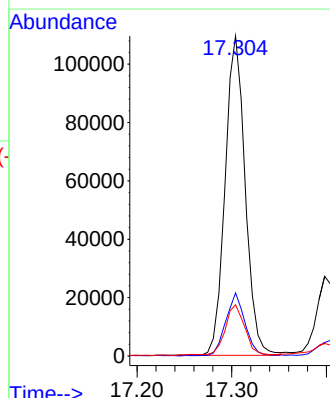
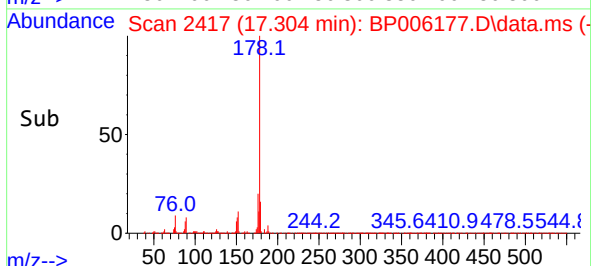
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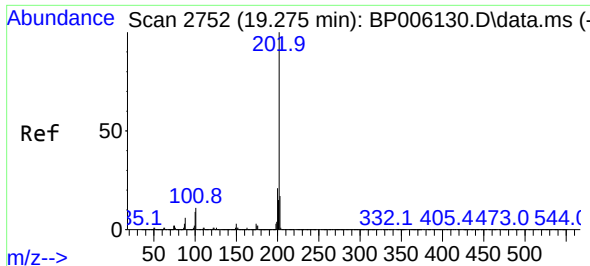


#71
Phenanthrene
Concen: 3.558 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



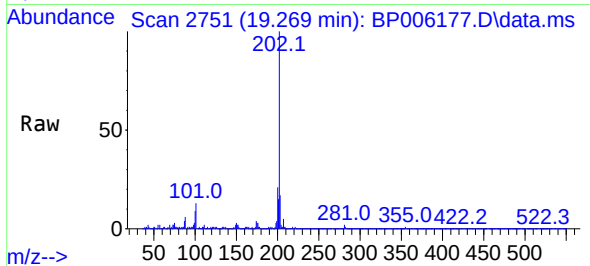
Tgt Ion:178 Resp: 161295
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.0 12.4 18.6





#75
Fluoranthene
Concen: 5.270 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

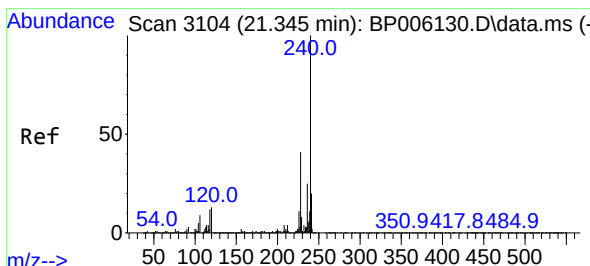
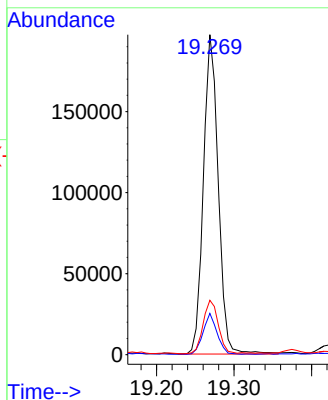
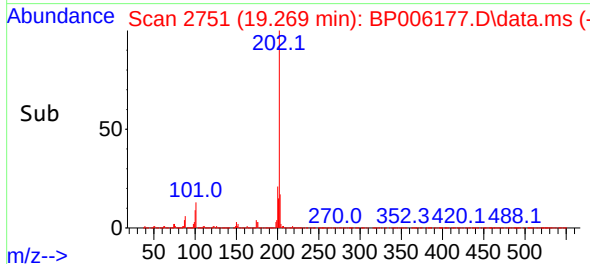
Instrument :
BNA_P
ClientSampleId :
OR-03-070821



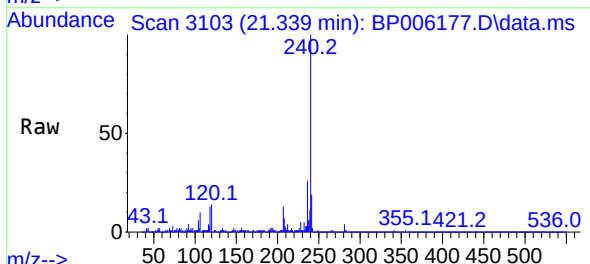
Tgt Ion:202 Resp: 261842
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.0 0.0 37.8

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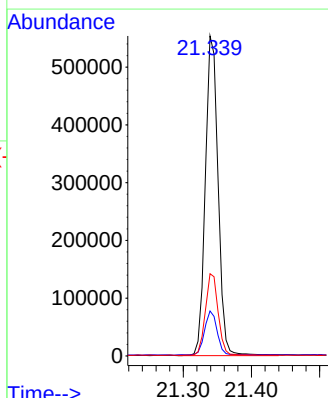
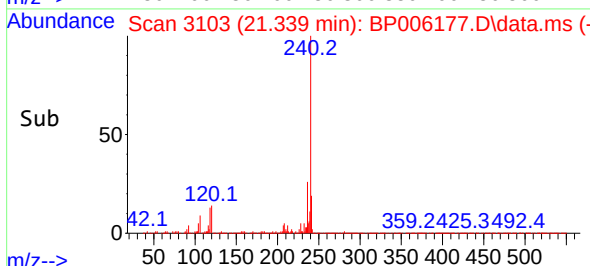
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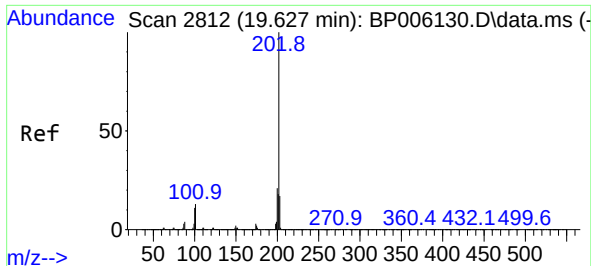


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



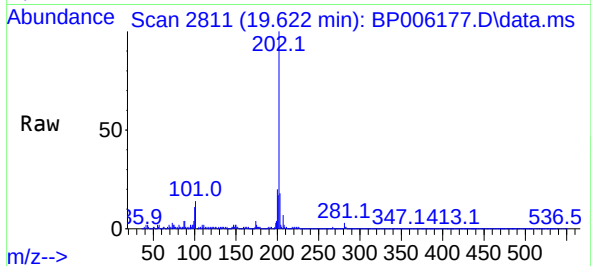
Tgt Ion:240 Resp: 722360
Ion Ratio Lower Upper
240 100
120 14.1 6.5 9.7#
236 25.7 20.6 31.0





#78
 Pyrene
 Concen: 5.217 ng
 RT: 19.622 min Scan# 2811
 Delta R.T. -0.006 min
 Lab File: BP006177.D
 Acq: 10 Jul 2021 00:22

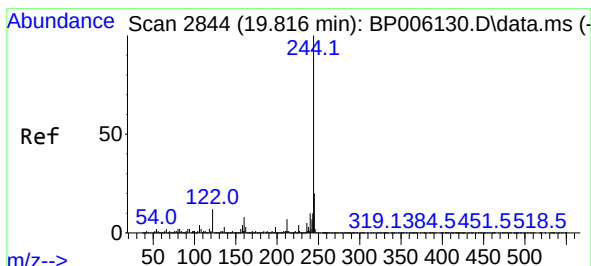
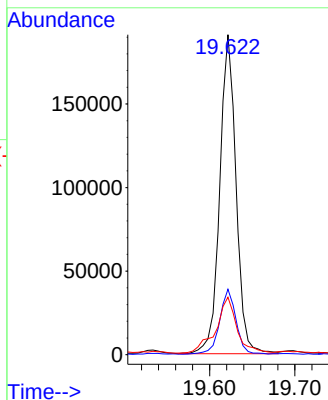
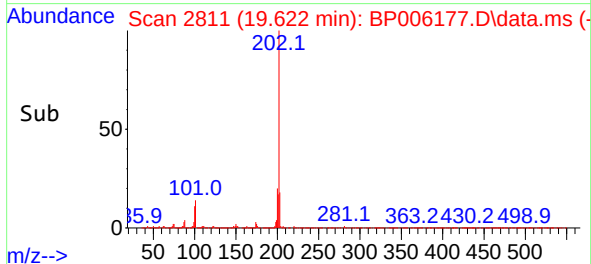
Instrument :
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 OR-03-070821



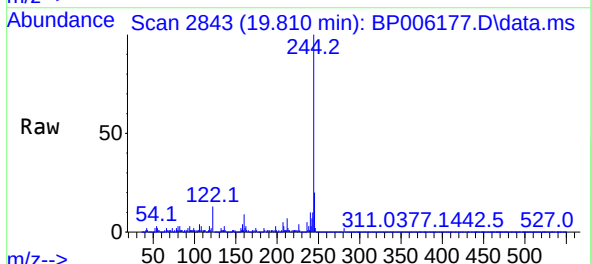
Tgt Ion:202 Resp: 254734
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.3 24.5
 203 18.0 14.2 21.2

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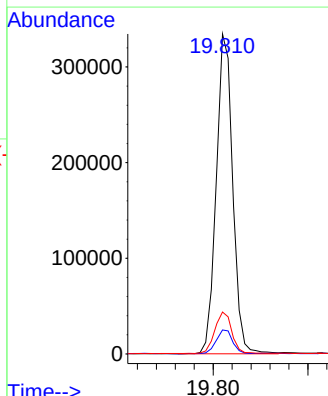
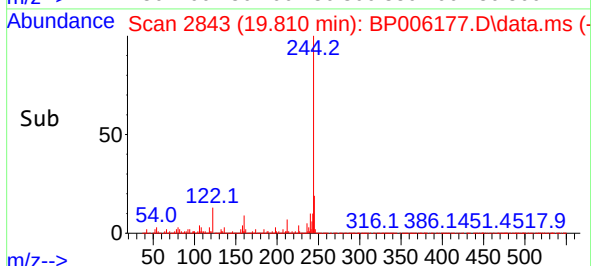
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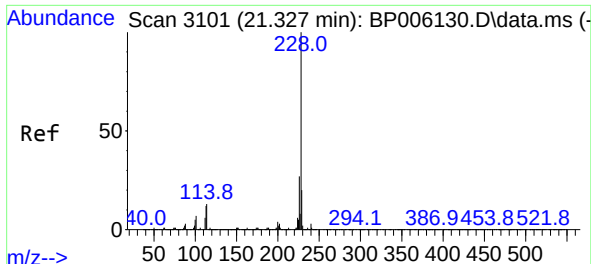


#79
 Terphenyl-d14
 Concen: 11.015 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP006177.D
 Acq: 10 Jul 2021 00:22



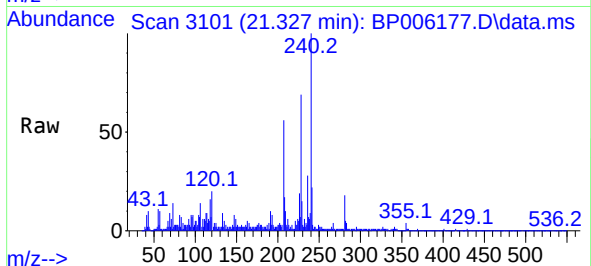
Tgt Ion:244 Resp: 403567
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.1 7.1 10.7#





#81
Benzo(a)anthracene
Concen: 2.351 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

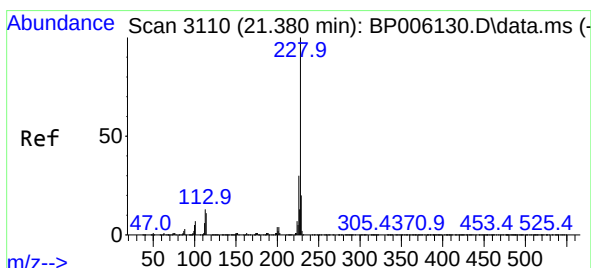
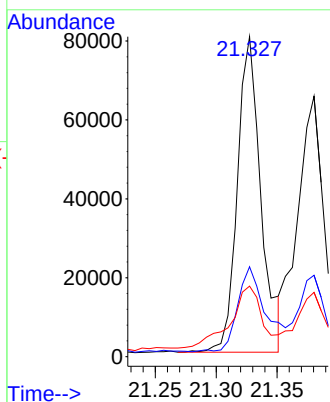
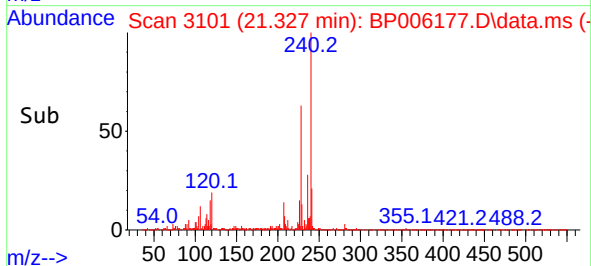
Instrument :
BNA_P
ClientSampleId :
OR-03-070821



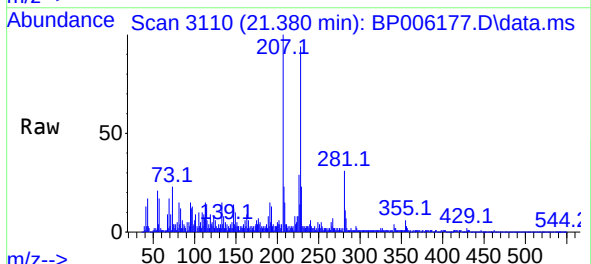
Tgt Ion:228 Resp: 107389
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 22.1 15.8 23.6

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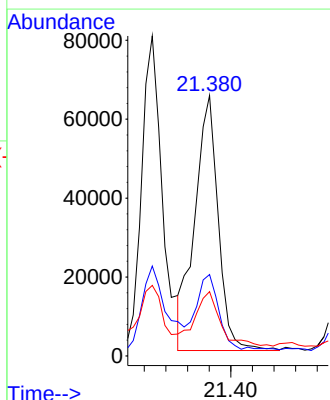
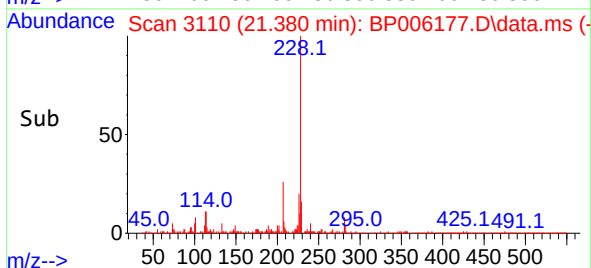
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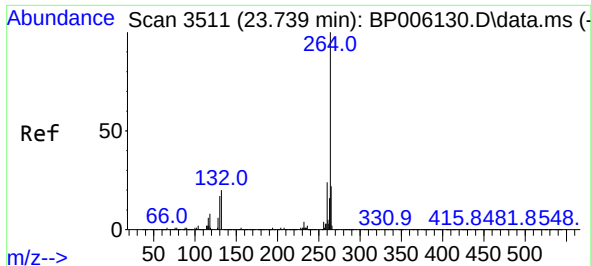


#83
Chrysene
Concen: 2.173 ng m
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22



Tgt Ion:228 Resp: 98108
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.6
229 24.7 15.4 23.2#





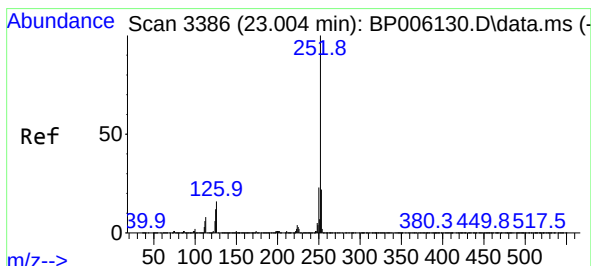
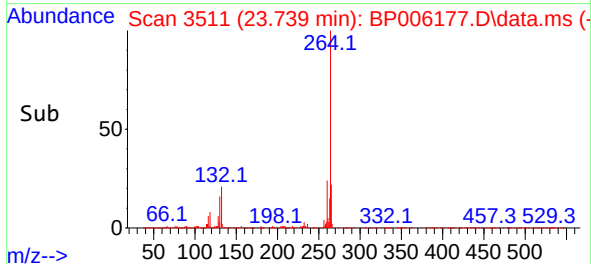
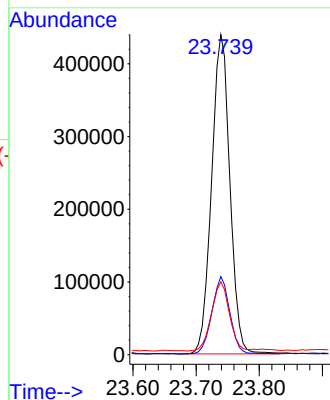
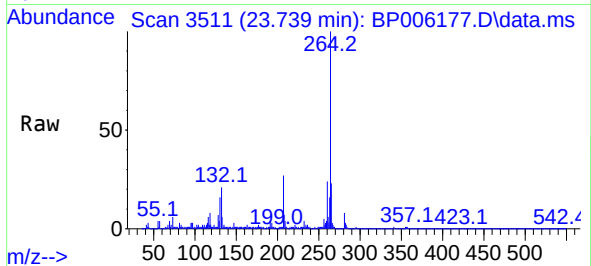
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:264 Resp: 883036
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.6 26.4

Instrument :
BNA_P
ClientSampleId :
OR-03-070821

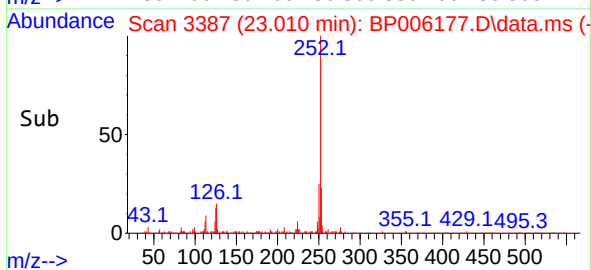
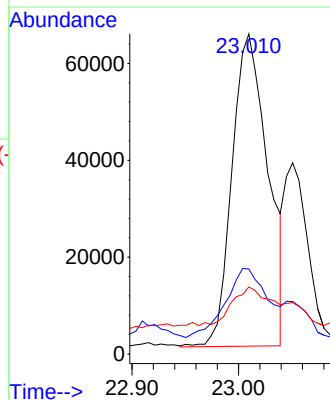
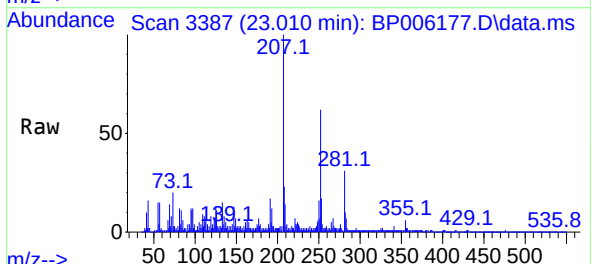
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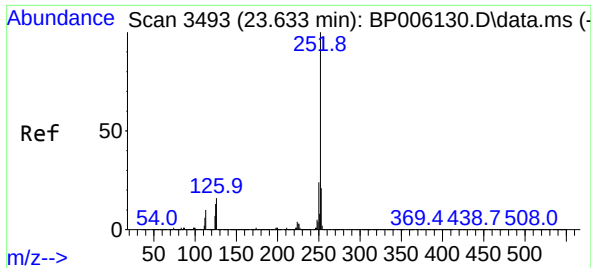
mohammad
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#88
Benzo(b)fluoranthene
Concen: 2.815 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

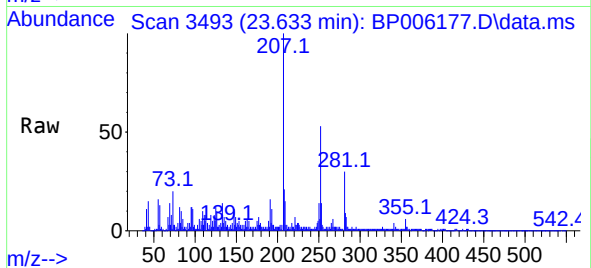
Tgt Ion:252 Resp: 150781
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 20.9 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.346 ng
RT: 23.633 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Instrument :
BNA_P
ClientSampleId :
OR-03-070821



Tgt Ion:252 Resp: 117923
Ion Ratio Lower Upper
252 100
253 26.6 17.9 26.9
125 22.0 6.5 9.7#

Manual Integrations
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