

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006246.D
 Acq On : 15 Jul 2021 19:30
 Operator : CG/JU
 Sample : M3038-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-COMP

Manual Integrations
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mohammad
 7/16/2021 10:56:12 AM

Quant Time: Jul 16 03:21:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 13:37:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	178267	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	693761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	398841	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	751004	20.000	ng	# 0.00
76) Chrysene-d12	21.310	240	723919	20.000	ng	# 0.00
86) Perylene-d12	23.680	264	793456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1385781	133.756	ng	0.00
7) Phenol-d6	7.034	99	1721115	125.591	ng	0.00
23) Nitrobenzene-d5	9.011	82	960649	87.465	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	615937	129.713	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2064256	76.514	ng	0.00
79) Terphenyl-d14	19.781	244	2701862	73.586	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.546	154	49908	2.212	ng	97
58) Fluorene	15.534	166	72697	2.576	ng	98
71) Phenanthrene	17.269	178	1025884	24.188	ng	99
72) Anthracene	17.363	178	294221	7.081	ng	98
73) Carbazole	17.651	167	99729	2.422	ng	99
75) Fluoranthene	19.239	202	1214611	26.129	ng	96
78) Pyrene	19.592	202	979975	20.028	ng	99
81) Benzo(a)anthracene	21.292	228	506598	11.064	ng	99
83) Chrysene	21.345	228	416437	9.203	ng	97
87) Indeno(1,2,3-cd)pyrene	26.180	276	269391m	4.605	ng	
88) Benzo(b)fluoranthene	22.957	252	569534	11.833	ng	# 94
89) Benzo(k)fluoranthene	22.998	252	166622m	3.542	ng	
90) Benzo(a)pyrene	23.580	252	389725	8.629	ng	# 94
92) Benzo(g,h,i)perylene	26.951	276	263226	5.310	ng	# 88

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

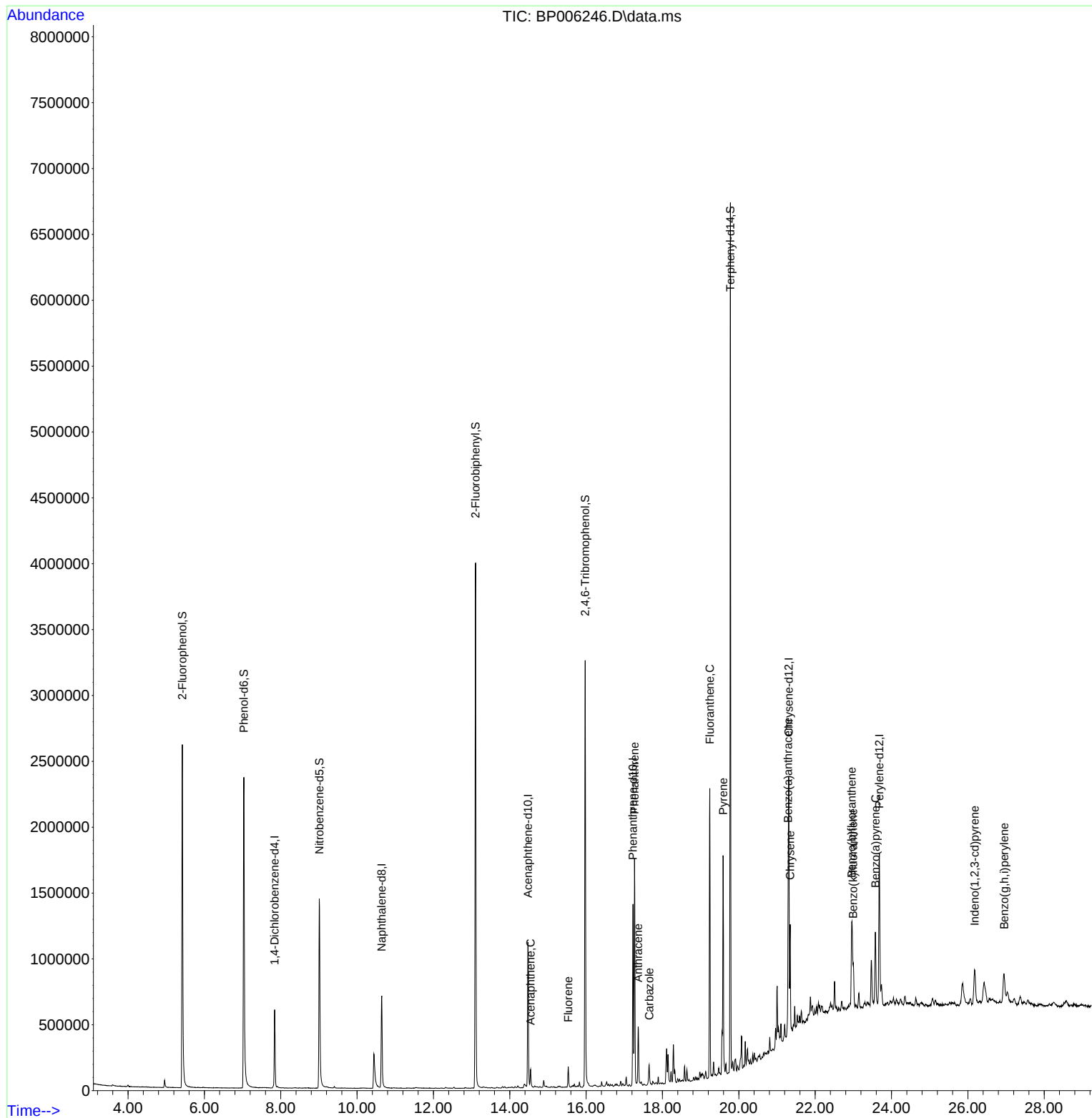
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
Data File : BP006246.D
Acq On : 15 Jul 2021 19:30
Operator : CG/JU
Sample : M3038-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

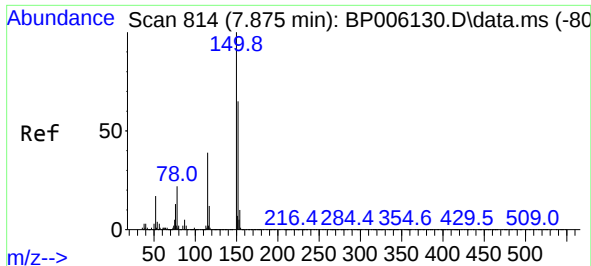
Instrument :
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Quant Time: Jul 16 03:21:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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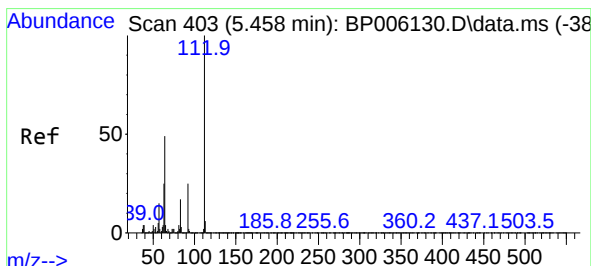
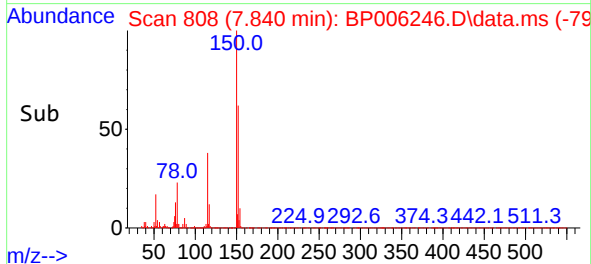
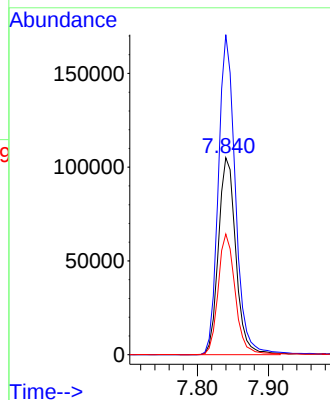
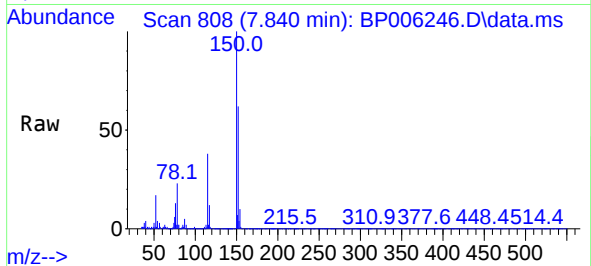
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

Tgt Ion:152 Resp: 178267
Ion Ratio Lower Upper
152 100
150 162.4 125.6 188.4
115 61.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

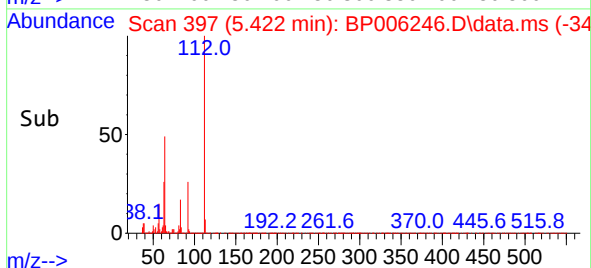
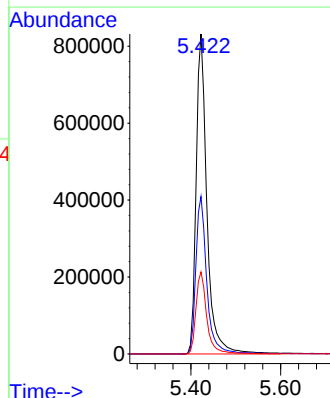
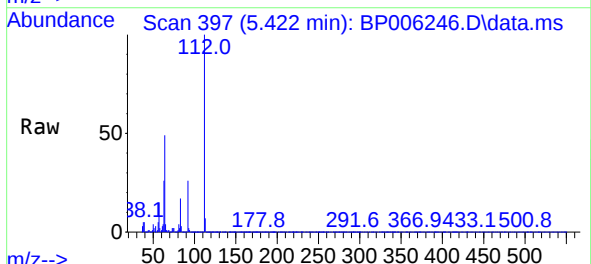
Manual Integrations
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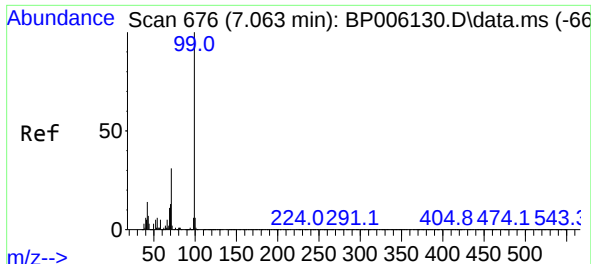
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#5
2-Fluorophenol
Concen: 133.756 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

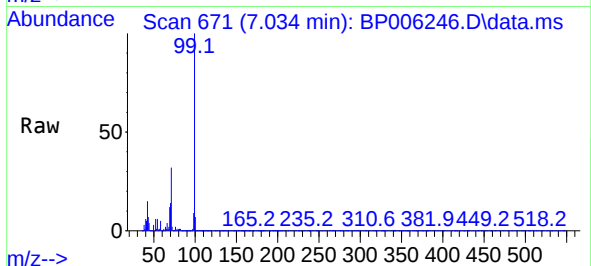
Tgt Ion:112 Resp: 1385781
Ion Ratio Lower Upper
112 100
64 49.2 41.4 62.2
63 25.7 23.8 35.8





#7
Phenol-d6
Concen: 125.591 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

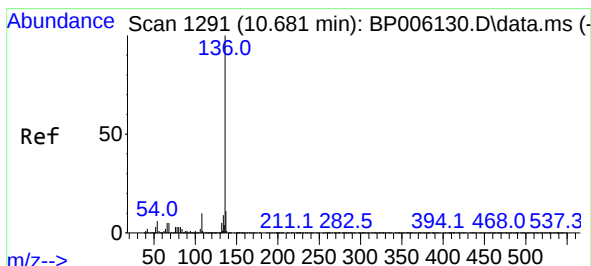
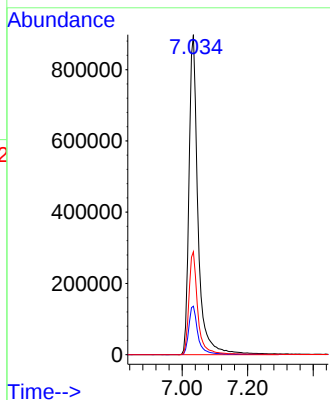
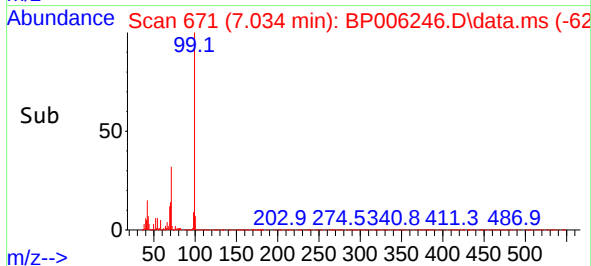
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



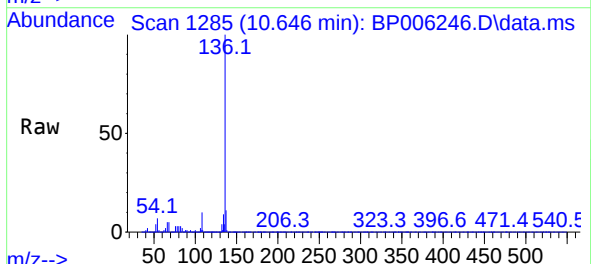
Tgt Ion: 99 Resp: 1721115
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.2 30.6 46.0

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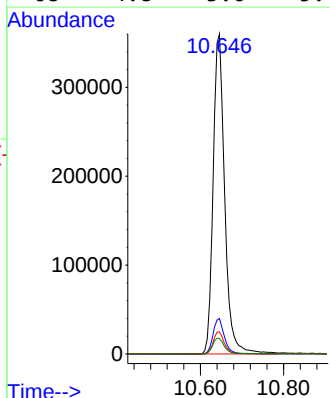
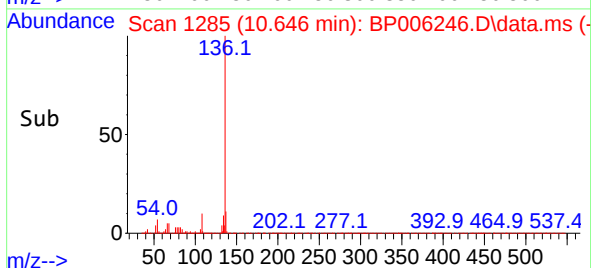
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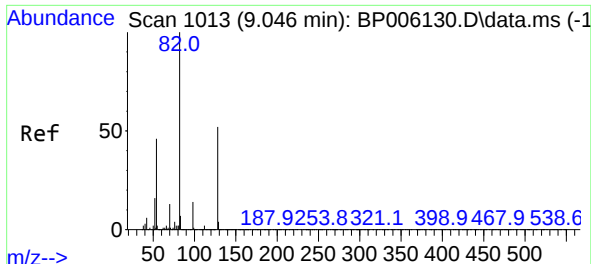


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



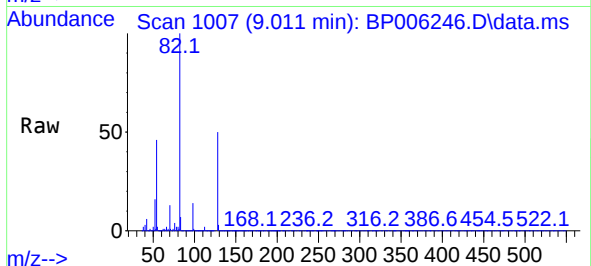
Tgt Ion: 136 Resp: 693761
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 4.6 6.8#
68 4.8 3.6 5.4





#23
Nitrobenzene-d5
Concen: 87.465 ng
RT: 9.011 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

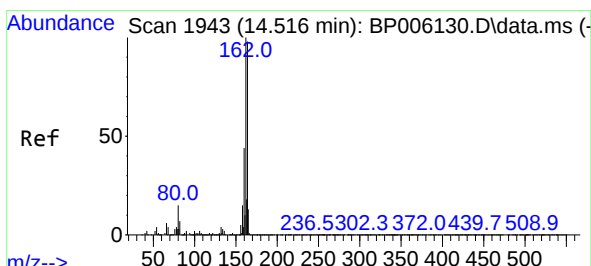
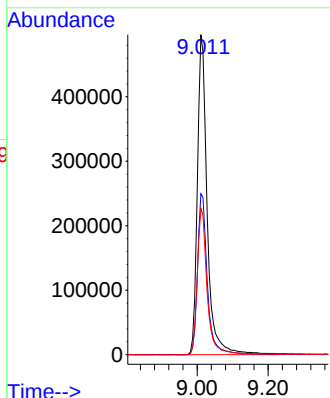
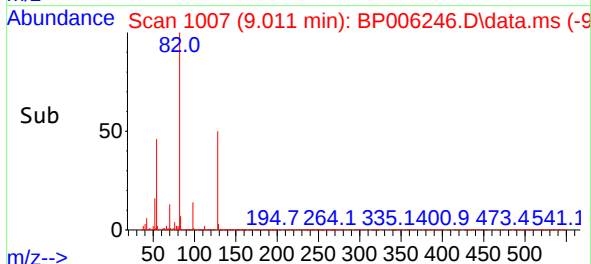
Instrument :
BNA_P
ClientSampleId :
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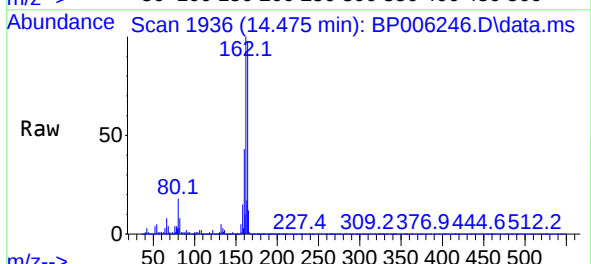
Tgt Ion: 82 Resp: 960649
Ion Ratio Lower Upper
82 100
128 50.3 35.7 53.5
54 45.8 35.0 52.4

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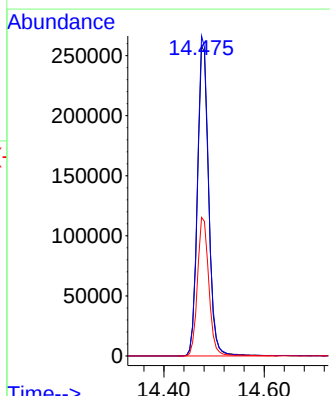
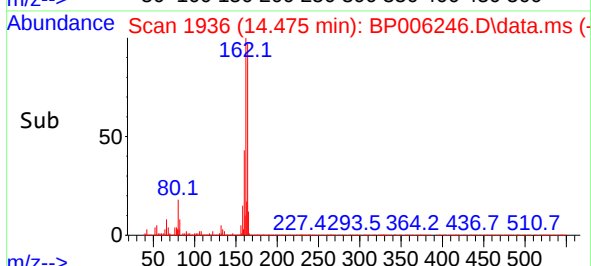
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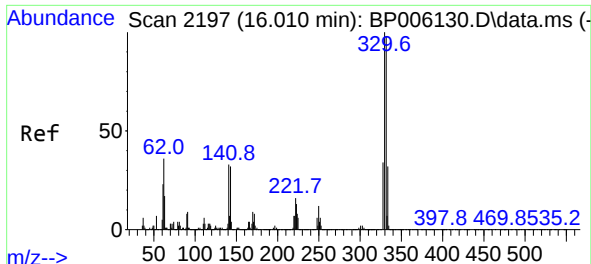


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



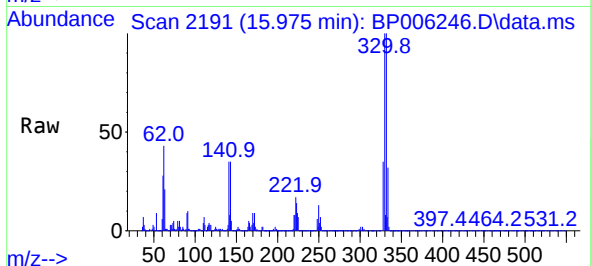
Tgt Ion: 164 Resp: 398841
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 44.7 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 129.713 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

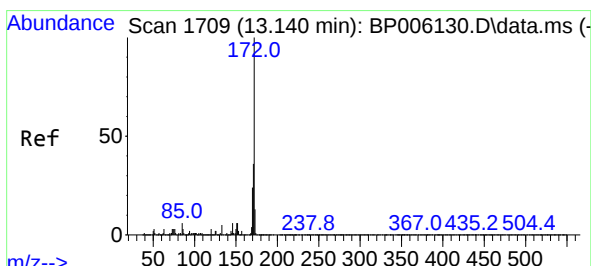
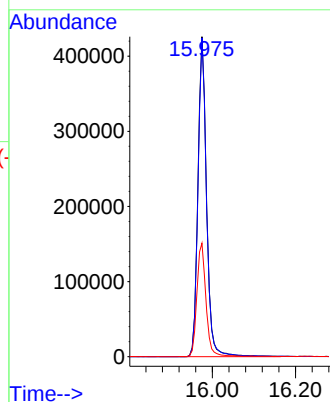
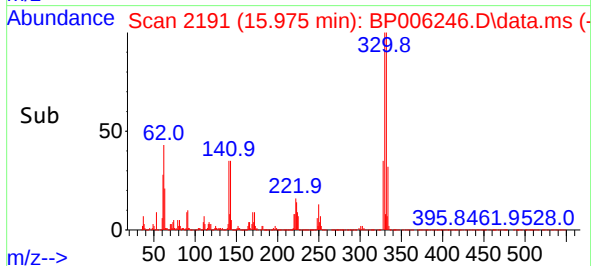
Instrument :
BNA_P
ClientSampled :
SB-11-COMP



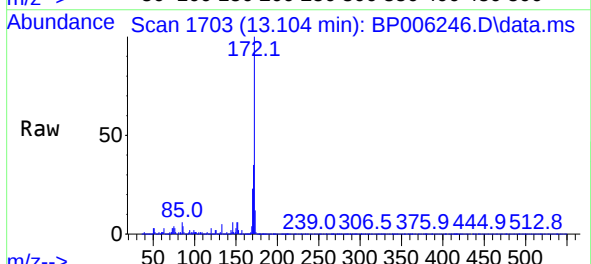
Tgt Ion:330 Resp: 615937
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 37.3 25.4 38.2

Manual Integrations
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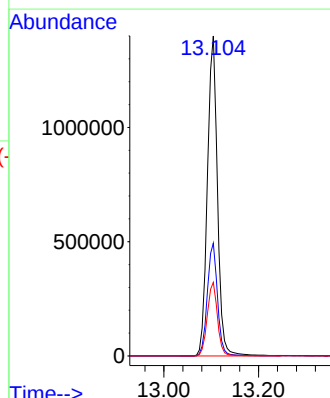
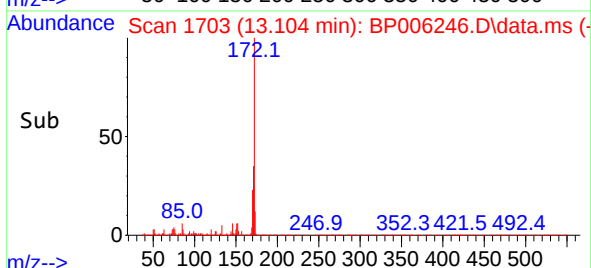
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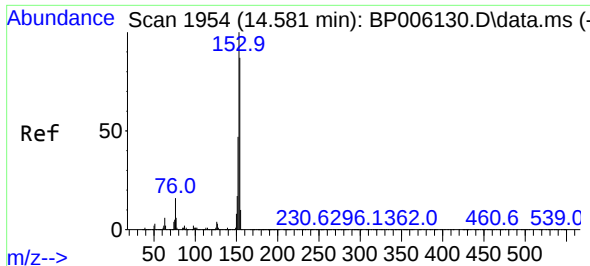


#45
2-Fluorobiphenyl
Concen: 76.514 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



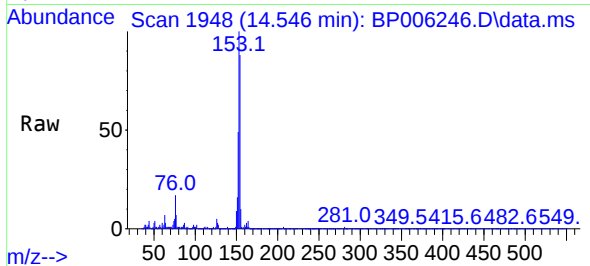
Tgt Ion:172 Resp: 2064256
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.0 18.6 27.8





#52
Acenaphthene
Concen: 2.212 ng
RT: 14.546 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

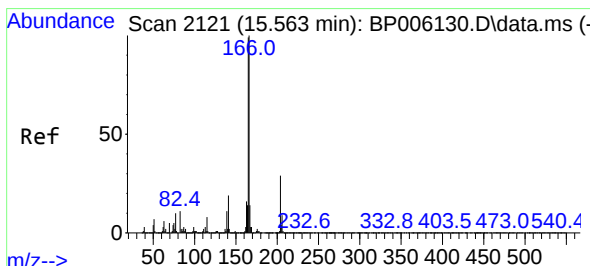
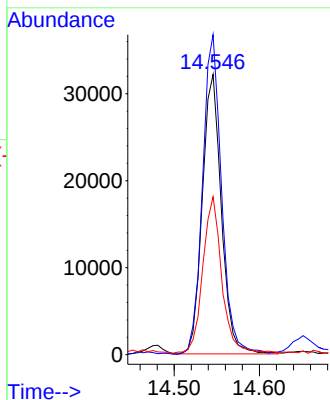
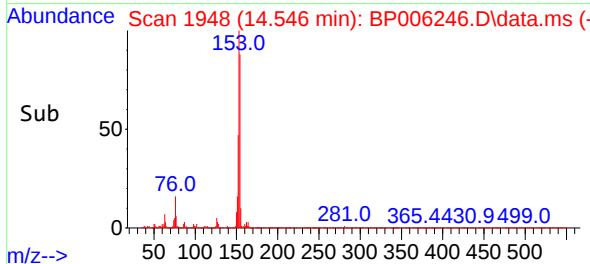
Instrument :
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ClientSampleId :
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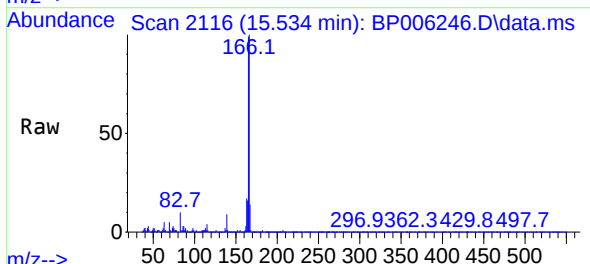
Tgt Ion:154 Resp: 49908
Ion Ratio Lower Upper
154 100
153 114.1 89.4 134.2
152 56.3 43.0 64.4

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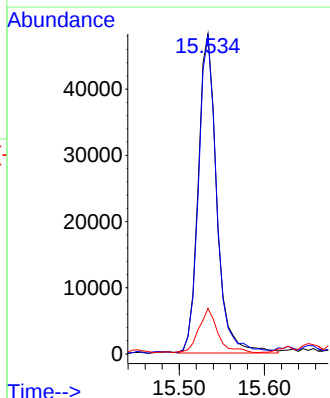
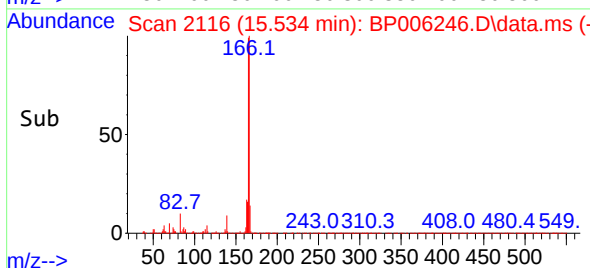
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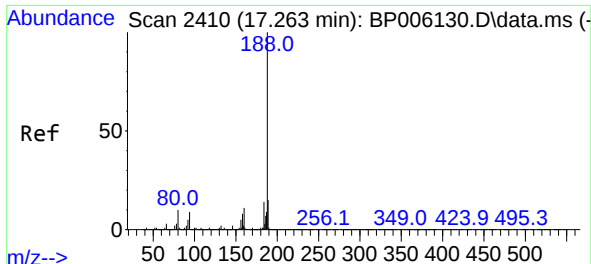


#58
Fluorene
Concen: 2.576 ng
RT: 15.534 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



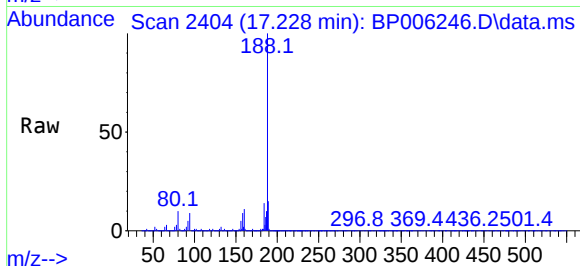
Tgt Ion:166 Resp: 72697
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 14.3 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

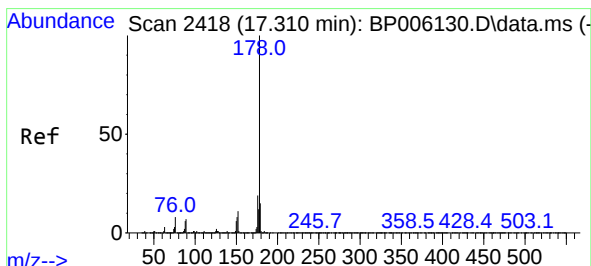
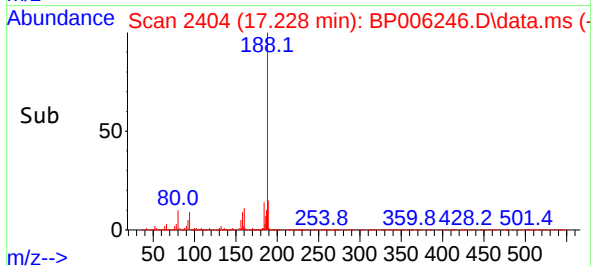
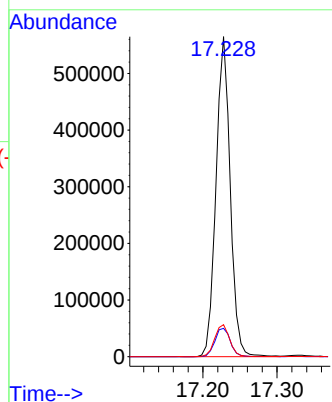
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



Tgt Ion:188 Resp: 751004
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 10.0 6.3 9.5#

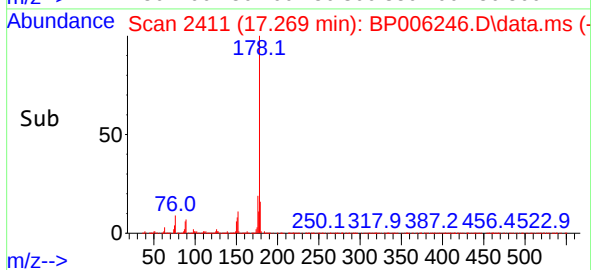
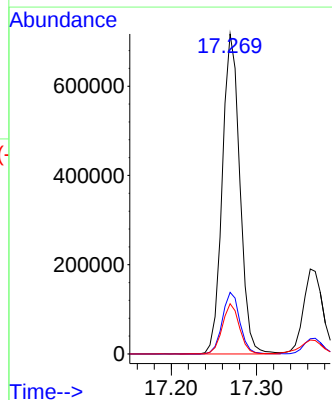
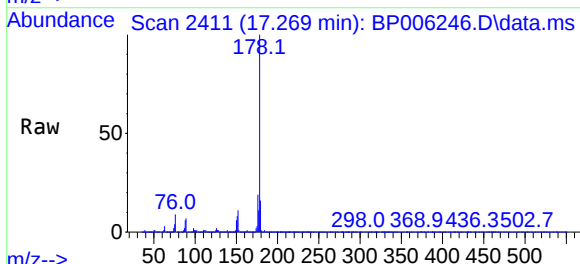
Manual Integrations
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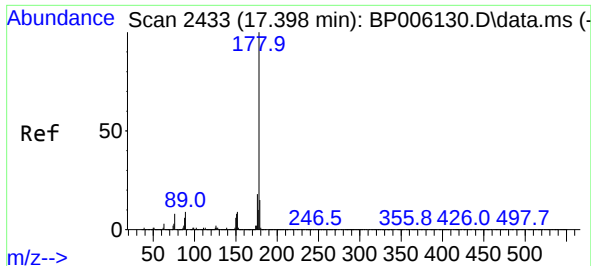
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#71
Phenanthrene
Concen: 24.188 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

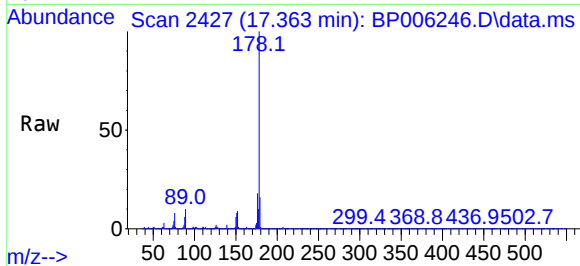
Tgt Ion:178 Resp: 1025884
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.7 12.4 18.6





#72
 Anthracene
 Concen: 7.081 ng
 RT: 17.363 min Scan# 2427
 Delta R.T. 0.000 min
 Lab File: BP006246.D
 Acq: 15 Jul 2021 19:30

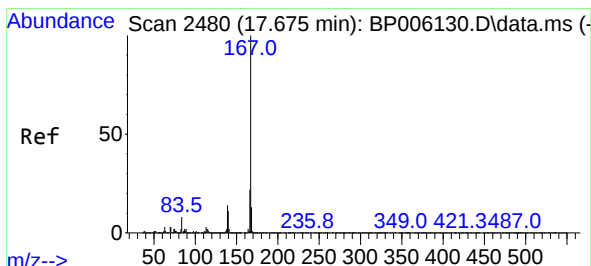
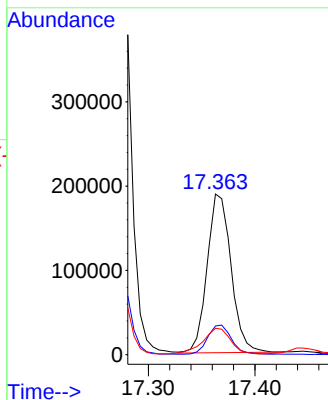
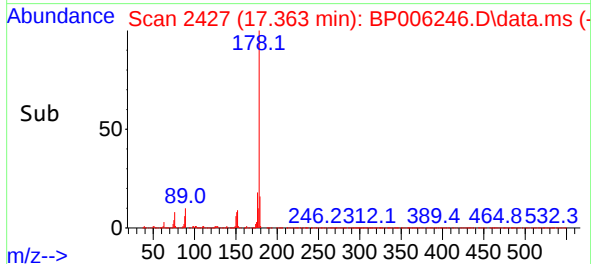
Instrument :
 BNA_P
 ClientSampleID :
 SB-11-COMP



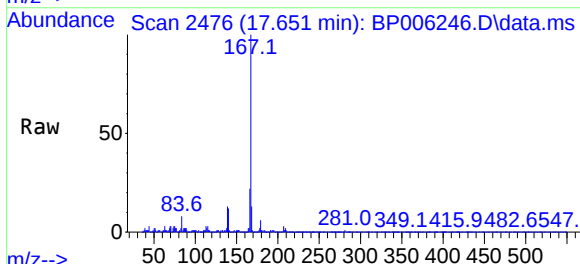
Tgt Ion:178 Resp: 294221
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.9 22.3
 179 16.4 12.2 18.2

Manual Integrations
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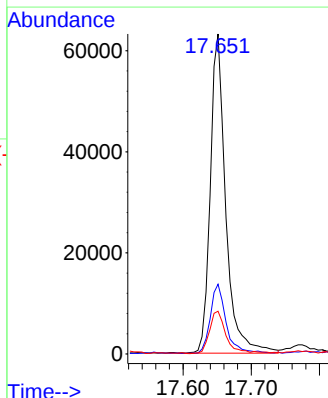
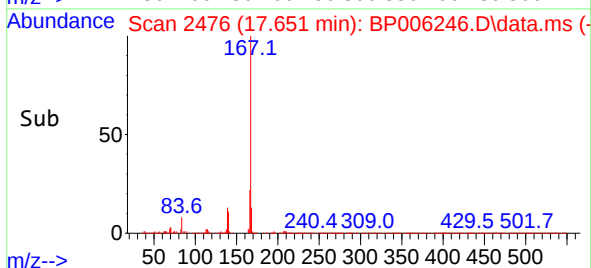
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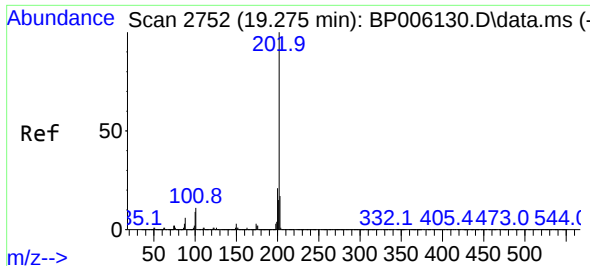


#73
 Carbazole
 Concen: 2.422 ng
 RT: 17.651 min Scan# 2476
 Delta R.T. 0.006 min
 Lab File: BP006246.D
 Acq: 15 Jul 2021 19:30



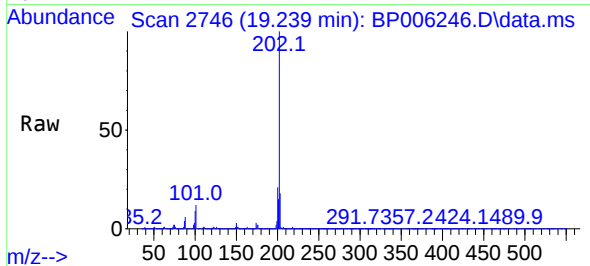
Tgt Ion:167 Resp: 99729
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.4 10.7 16.1





#75
Fluoranthene
Concen: 26.129 ng
RT: 19.239 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

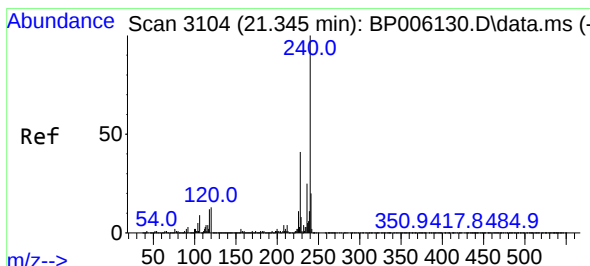
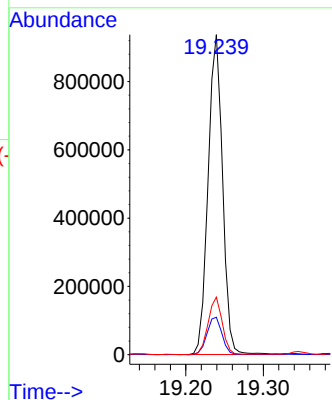
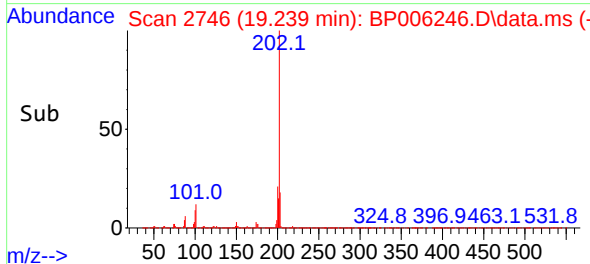
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



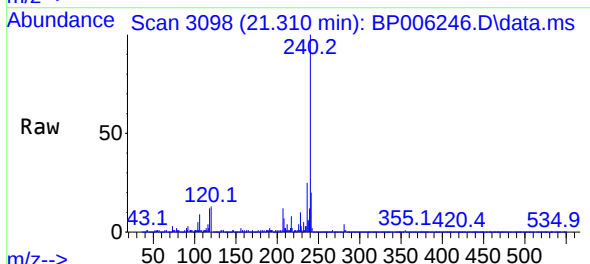
Tgt Ion:202 Resp: 1214611
Ion Ratio Lower Upper
202 100
101 11.7 0.0 27.6
203 18.0 0.0 37.8

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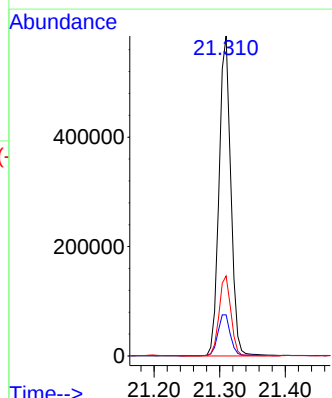
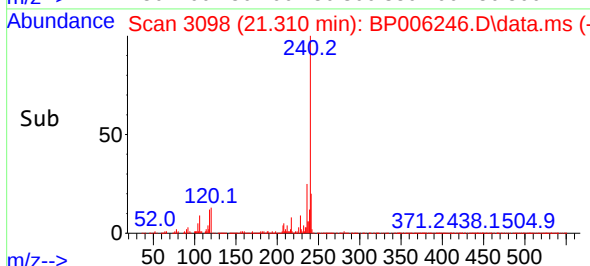
mohammad
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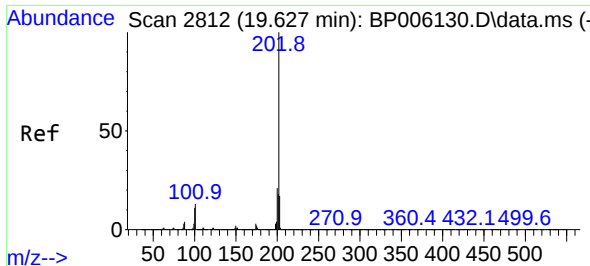


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



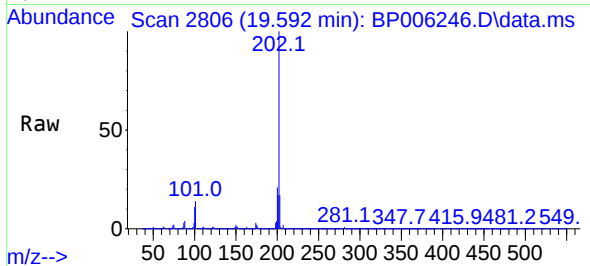
Tgt Ion:240 Resp: 723919
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 25.0 20.6 31.0





#78
Pyrene
Concen: 20.028 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

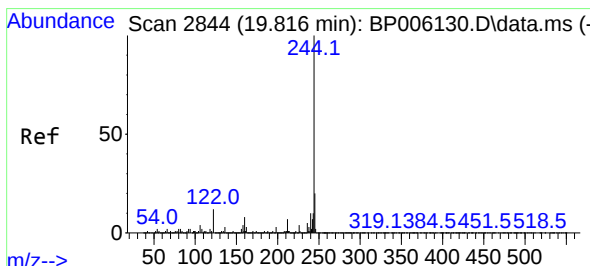
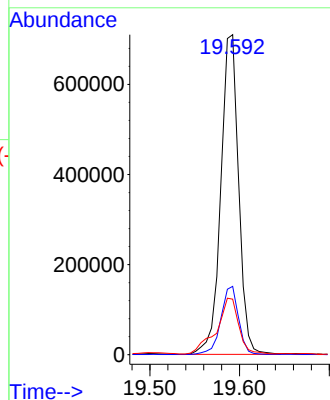
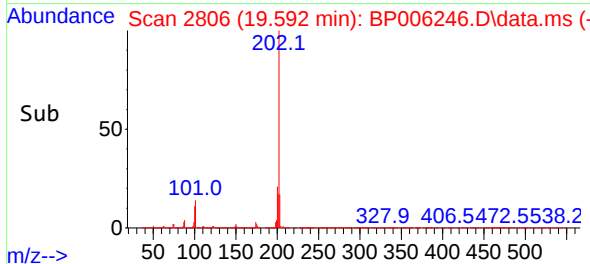
Instrument :
BNA_P
ClientSampled :
SB-11-COMP



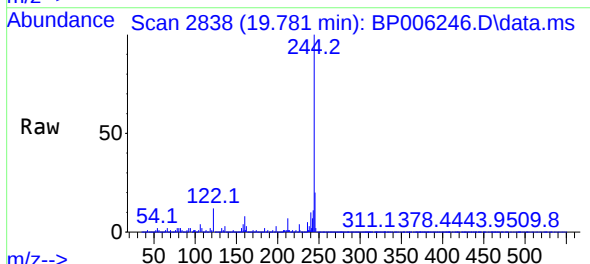
Tgt Ion:202 Resp: 979975
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.4 14.2 21.2

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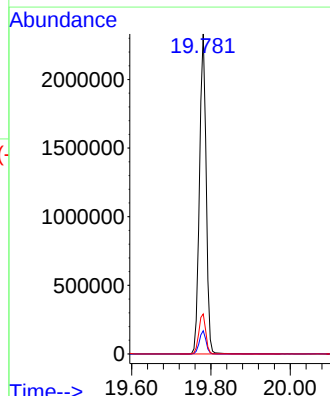
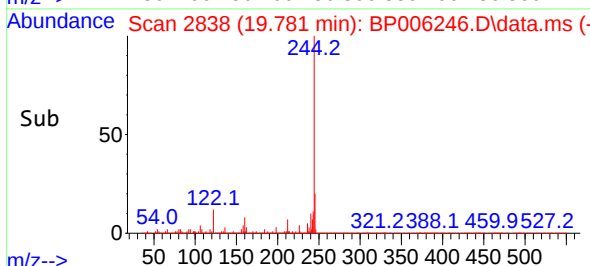
mohammad
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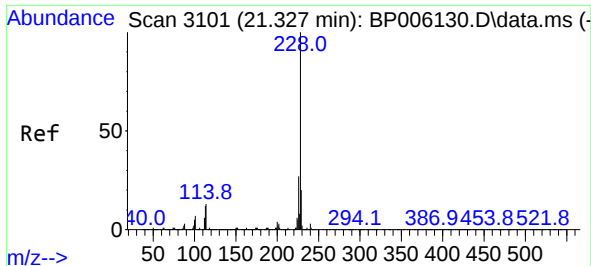


#79
Terphenyl-d14
Concen: 73.586 ng
RT: 19.781 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30



Tgt Ion:244 Resp: 2701862
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.5 7.1 10.7#





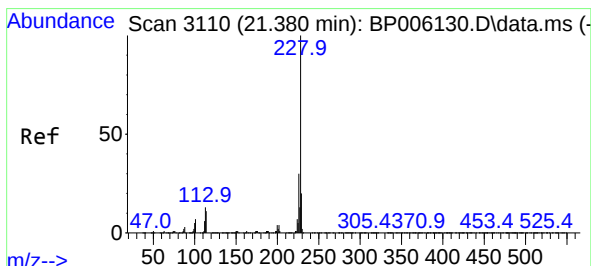
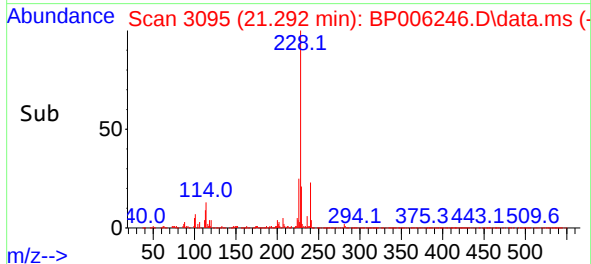
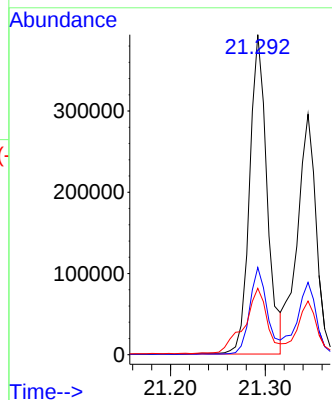
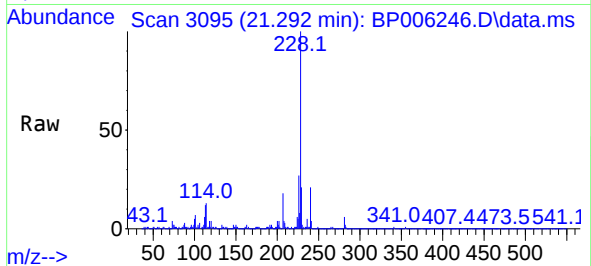
#81
Benzo(a)anthracene
Concen: 11.064 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

Tgt Ion:228 Resp: 506598
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.8 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

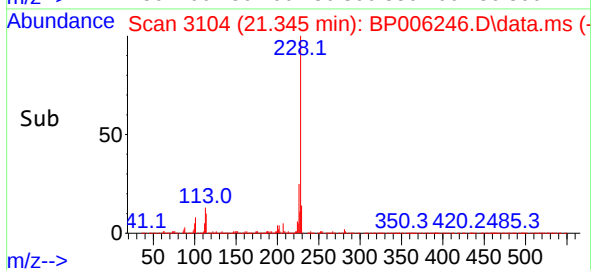
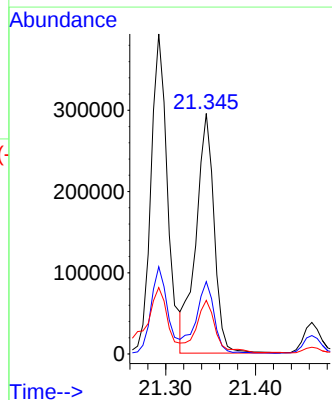
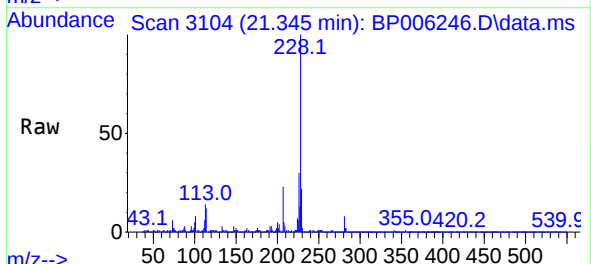
Manual Integrations
APPROVED

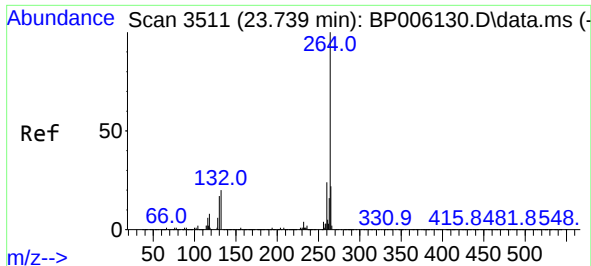
mohammad
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#83
Chrysene
Concen: 9.203 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

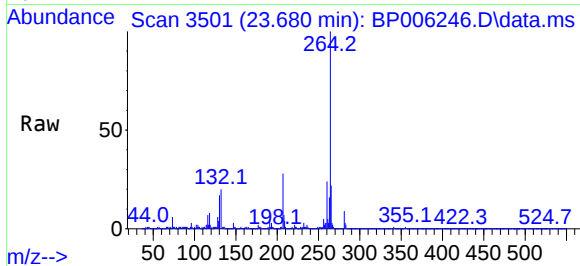
Tgt Ion:228 Resp: 416437
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 22.3 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.012 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

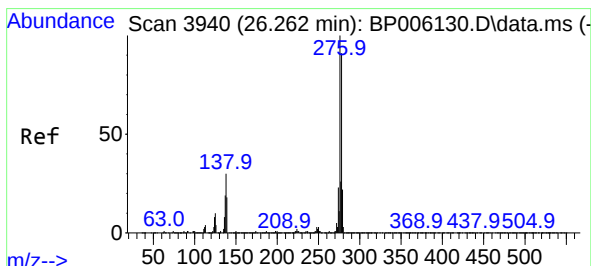
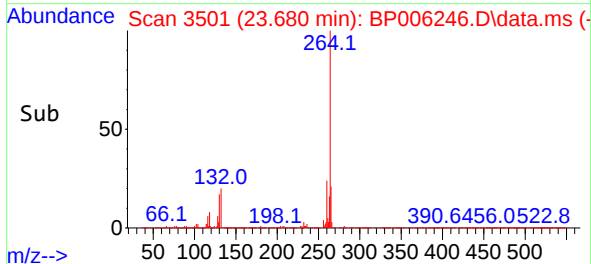
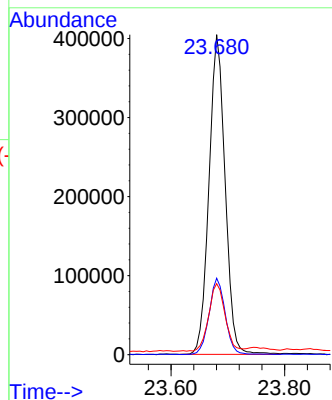
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



Tgt Ion:264 Resp: 793456
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.2 17.6 26.4

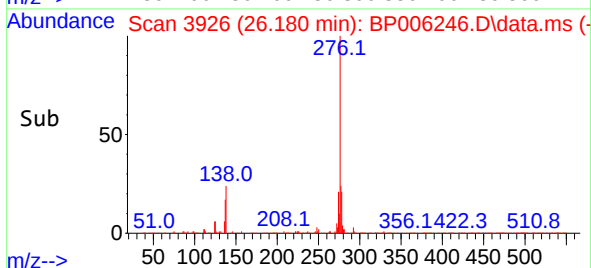
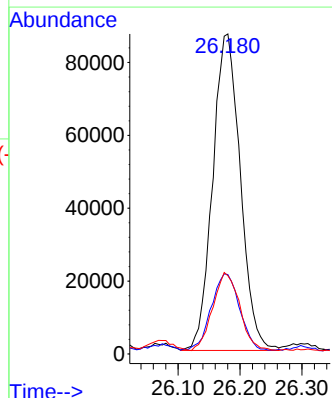
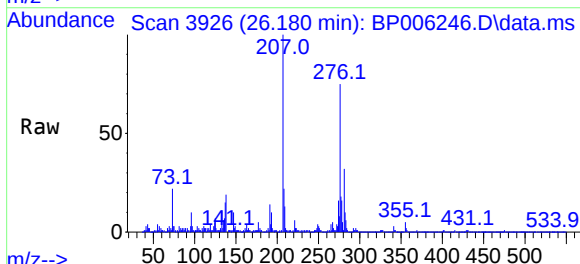
Manual Integrations
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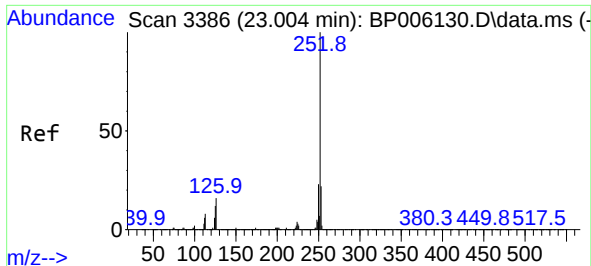
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.605 ng m
RT: 26.180 min Scan# 3926
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

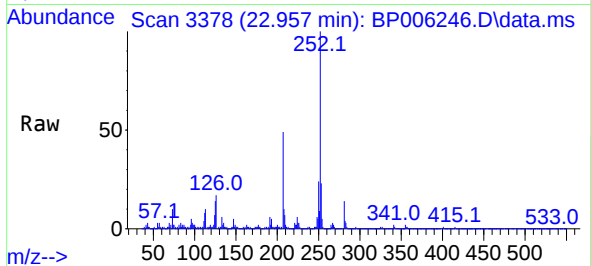
Tgt Ion:276 Resp: 269391
Ion Ratio Lower Upper
276 100
138 1.9 15.3 22.9#
277 2.3 20.4 30.6#





#88
Benzo(b)fluoranthene
Concen: 11.833 ng
RT: 22.957 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

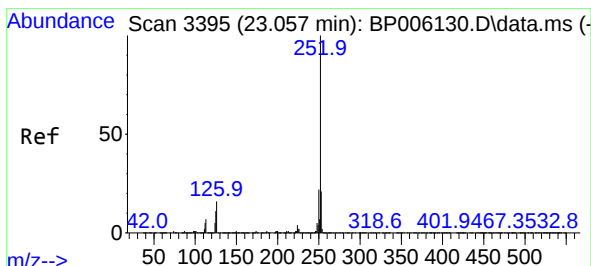
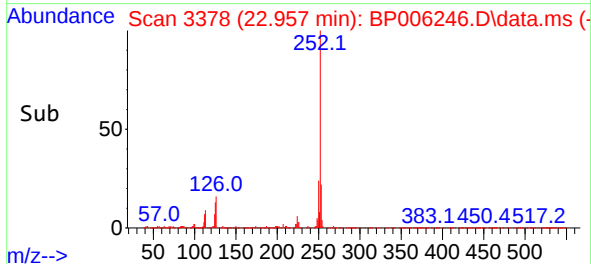
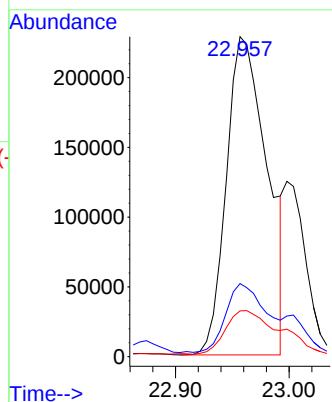
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



Tgt Ion:252 Resp: 569534
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.3 6.2 9.4#

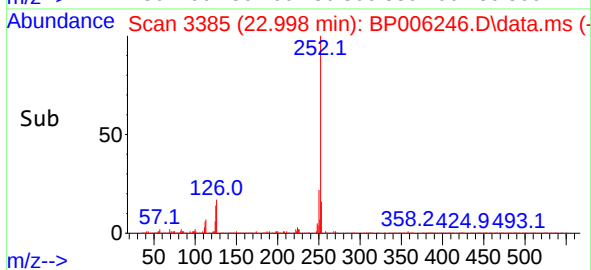
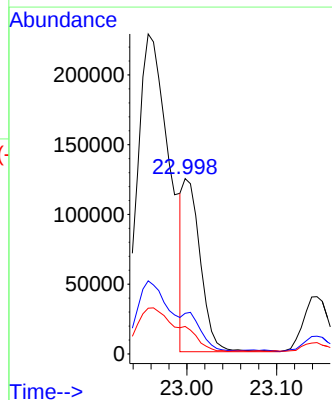
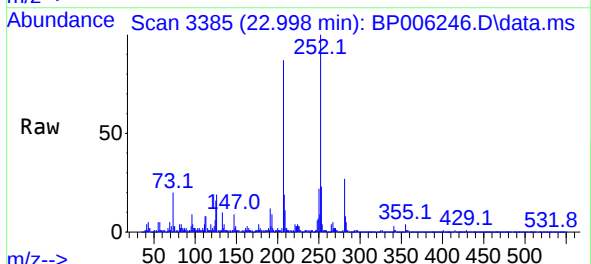
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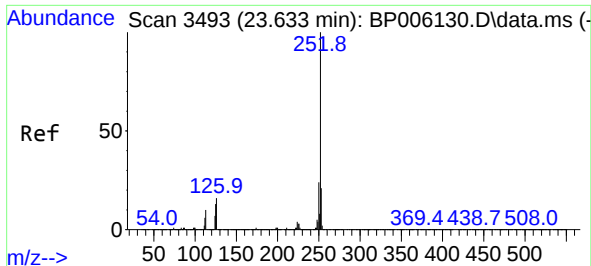
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.542 ng m
RT: 22.998 min Scan# 3385
Delta R.T. -0.012 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

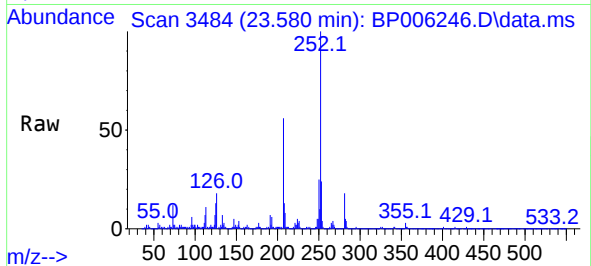
Tgt Ion:252 Resp: 166622
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 15.7 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 8.629 ng
RT: 23.580 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

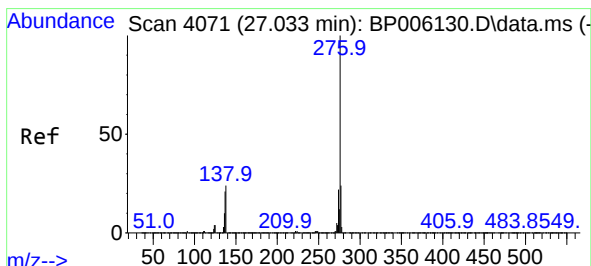
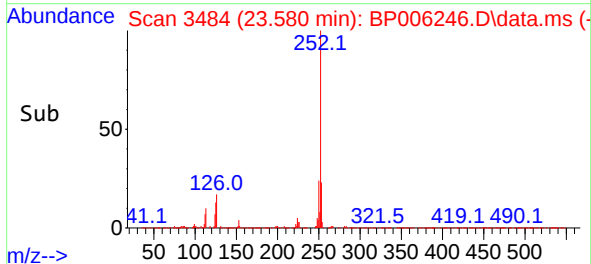
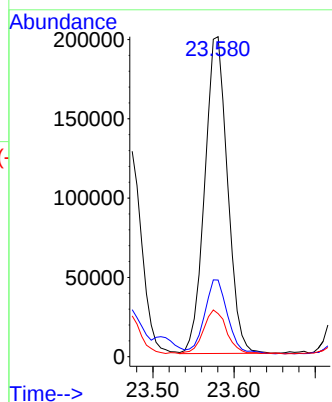
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



Tgt Ion:252 Resp: 389725
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 13.5 6.5 9.7#

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#92
Benzo(g,h,i)perylene
Concen: 5.310 ng
RT: 26.951 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BP006246.D
Acq: 15 Jul 2021 19:30

Tgt Ion:276 Resp: 263226
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 26.8 12.6 18.8#

