

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006232.D
 Acq On : 14 Jul 2021 22:59
 Operator : CG/JU
 Sample : M3023-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071321

Manual Integrations
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mohammad
 7/15/2021 11:33:29 AM

Quant Time: Jul 15 03:12:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	230722	20.000	ng	-0.02
21) Naphthalene-d8	10.652	136	919490	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	516216	20.000	ng	-0.01
64) Phenanthrene-d10	17.234	188	1038144	20.000	ng	#-0.02
76) Chrysene-d12	21.316	240	1103840	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	1113532	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	486069	36.249	ng	-0.01
7) Phenol-d6	7.046	99	587354	33.115	ng	0.00
23) Nitrobenzene-d5	9.022	82	317530	21.813	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	208359	33.902	ng	-0.02
45) 2-Fluorobiphenyl	13.110	172	704611	20.179	ng	-0.01
79) Terphenyl-d14	19.786	244	1058602	18.908	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.275	178	723781	12.345	ng	100
72) Anthracene	17.369	178	199375	3.471	ng	99
75) Fluoranthene	19.245	202	1315178	20.467	ng	96
78) Pyrene	19.598	202	1204760	16.148	ng	99
81) Benzo(a)anthracene	21.298	228	599388	8.585	ng	99
83) Chrysene	21.351	228	506928	7.347	ng	97
87) Indeno(1,2,3-cd)pyrene	26.198	276	270588	3.296	ng	# 93
88) Benzo(b)fluoranthene	22.969	252	630982	9.341	ng	# 90
89) Benzo(k)fluoranthene	23.010	252	167572m	2.538	ng	
90) Benzo(a)pyrene	23.592	252	437929	6.909	ng	# 90
92) Benzo(g,h,i)perylene	26.974	276	263504	3.788	ng	# 87

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

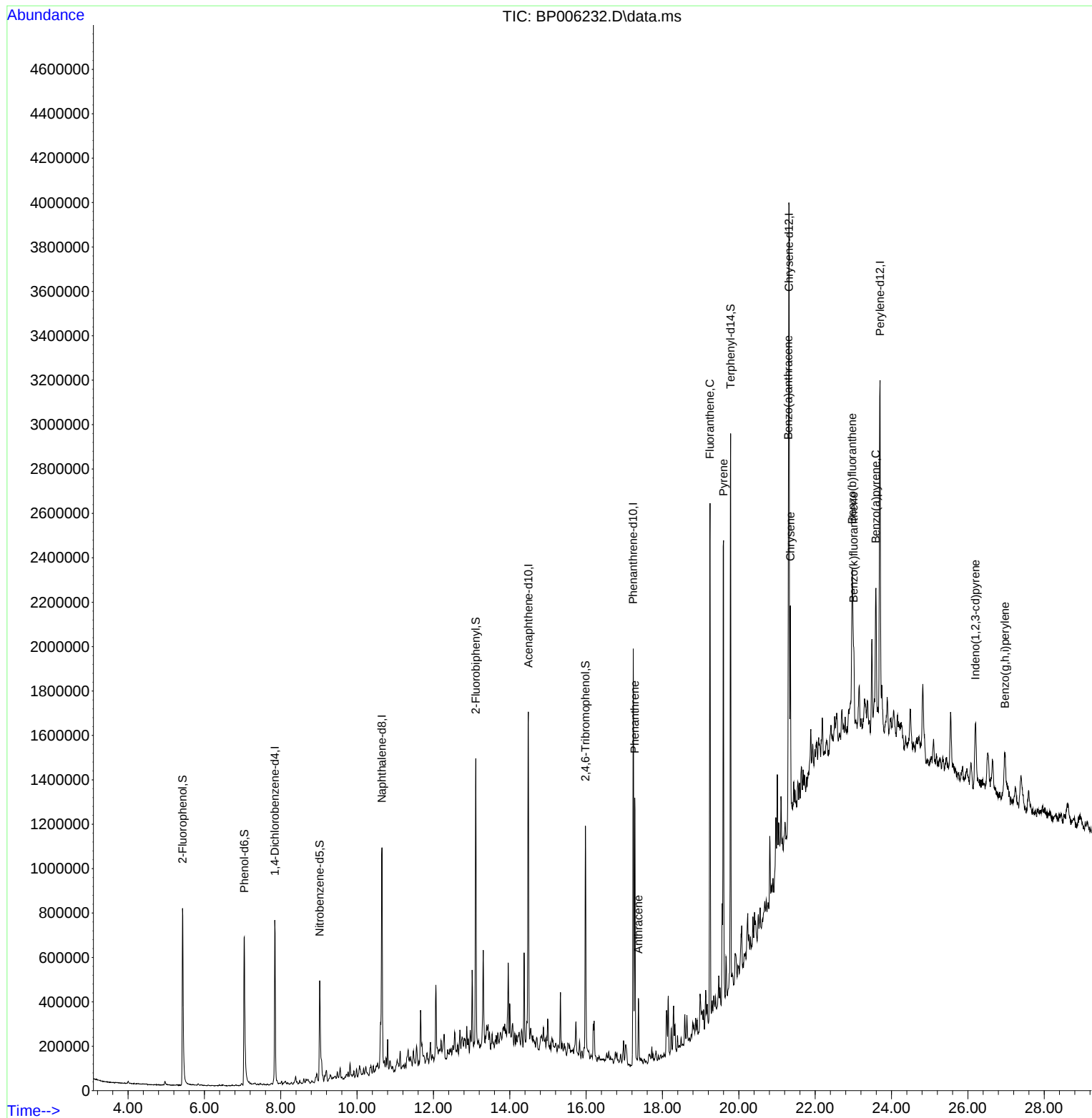
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006232.D
Acq On : 14 Jul 2021 22:59
Operator : CG/JU
Sample : M3023-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

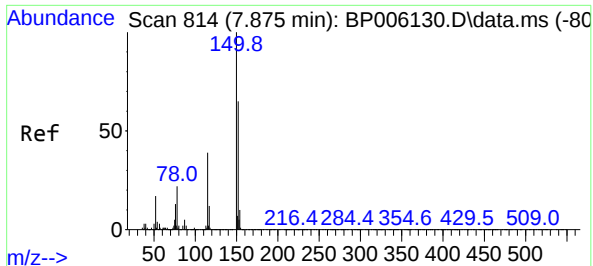
Instrument :
BNA_P
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Quant Time: Jul 15 03:12:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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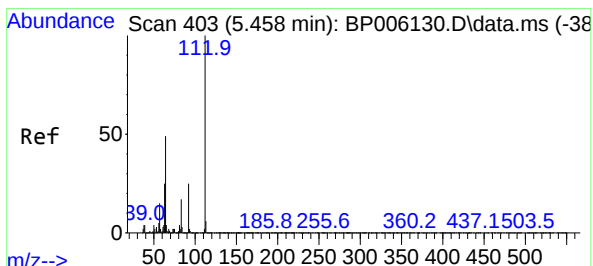
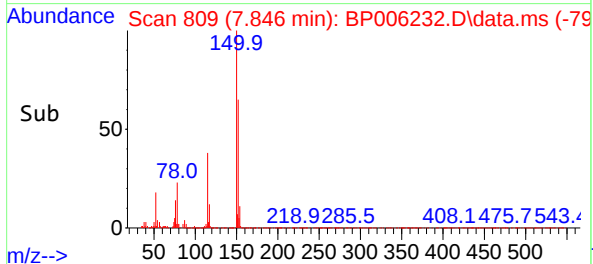
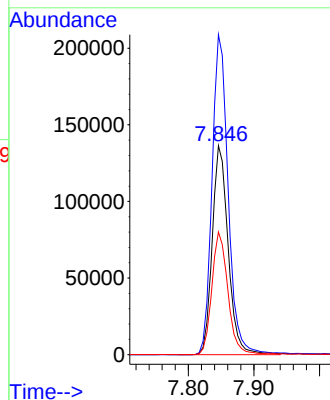
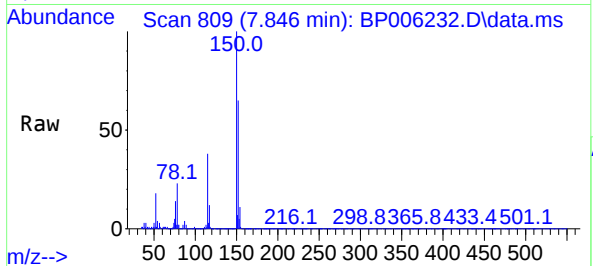
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:152 Resp: 230722
Ion Ratio Lower Upper
152 100
150 153.2 125.6 188.4
115 58.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
OR-02-071321

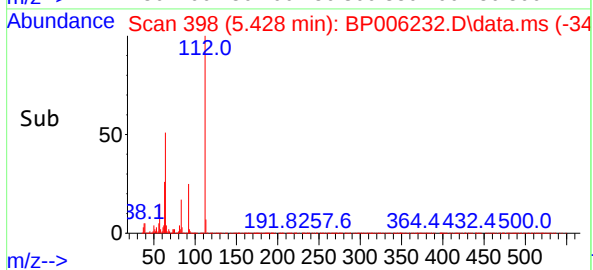
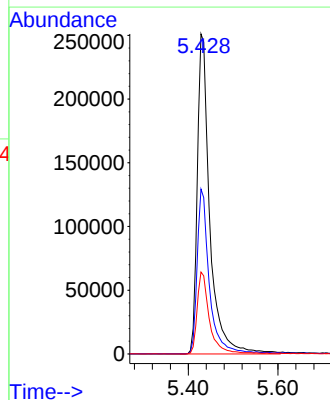
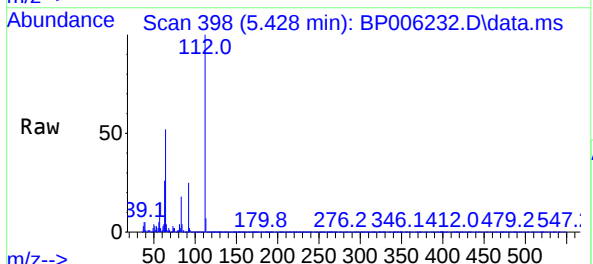
Manual Integrations
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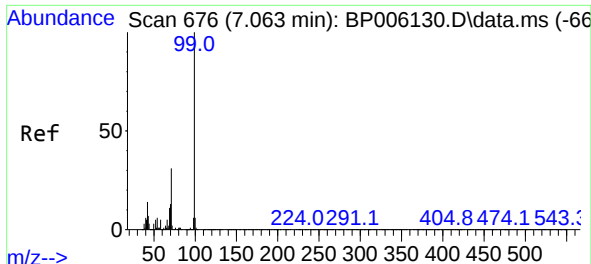
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#5
2-Fluorophenol
Concen: 36.249 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

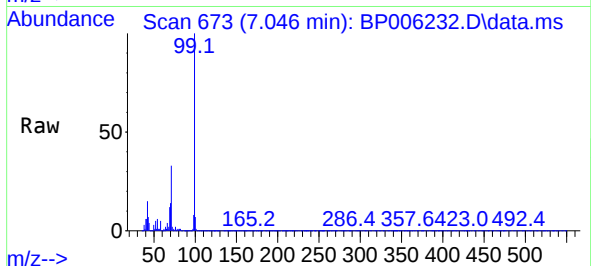
Tgt Ion:112 Resp: 486069
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 25.6 23.8 35.8





#7
Phenol-d6
Concen: 33.115 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

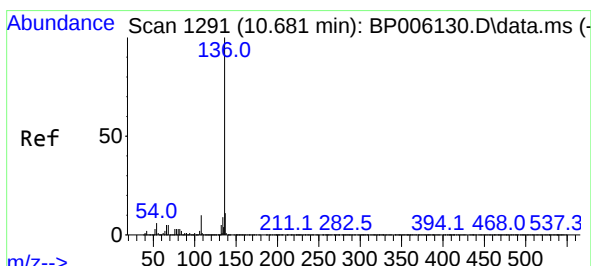
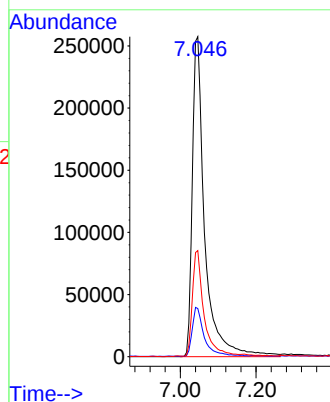
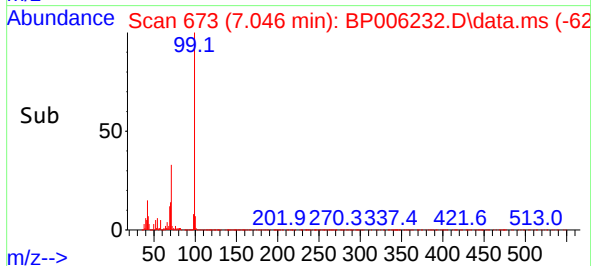
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BNA_P
ClientSampleId :
OR-02-071321



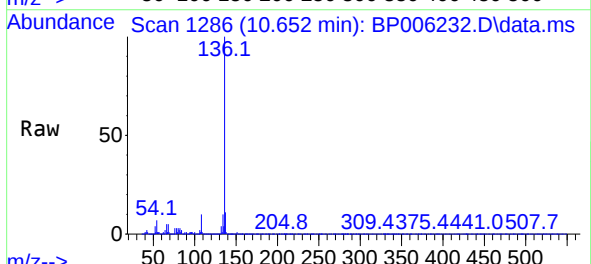
Tgt Ion: 99 Resp: 587354
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 33.2 30.6 46.0

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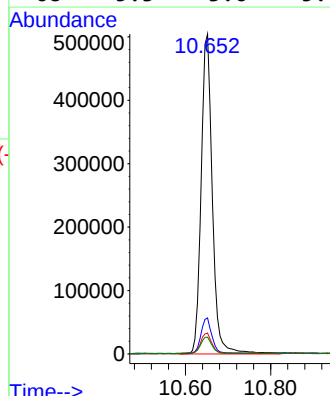
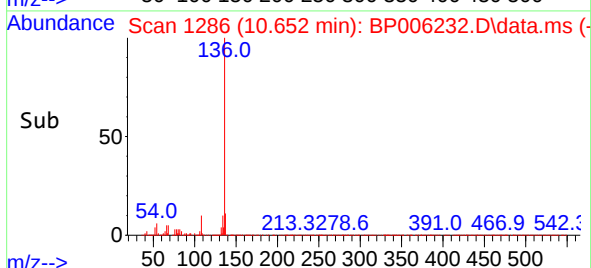
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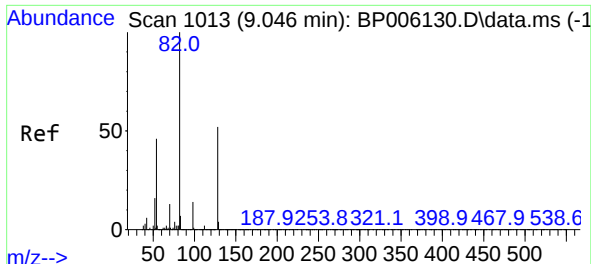


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



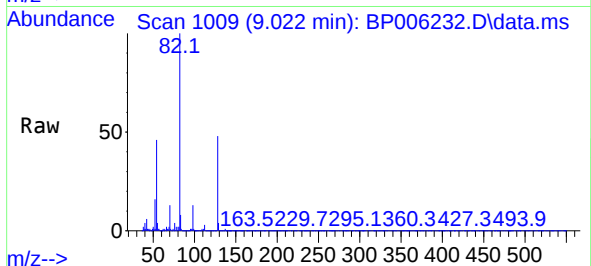
Tgt Ion: 136 Resp: 919490
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.5 4.6 6.8
68 5.3 3.6 5.4





#23
Nitrobenzene-d5
Concen: 21.813 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

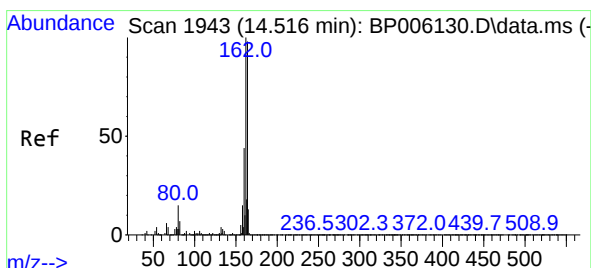
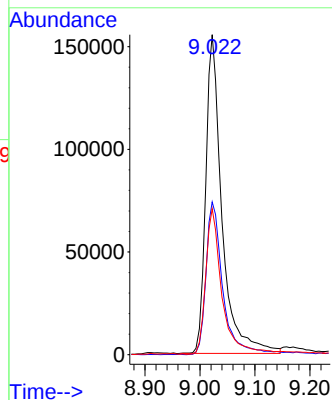
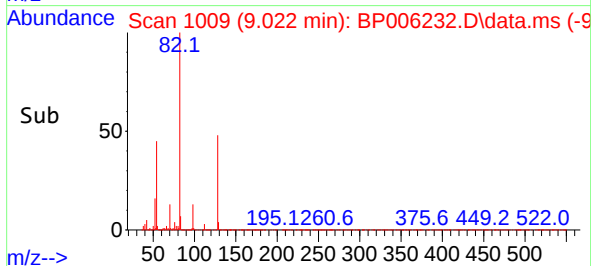
Instrument :
BNA_P
ClientSampleId :
OR-02-071321



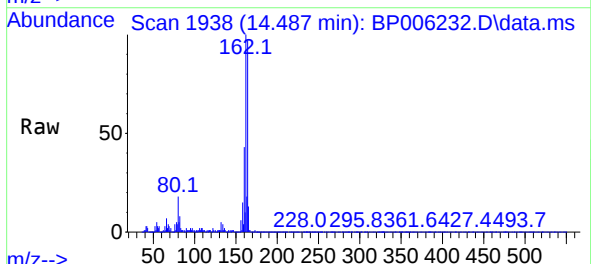
Tgt Ion: 82 Resp: 317530
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 45.6 35.0 52.4

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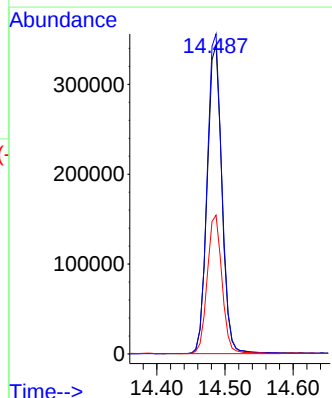
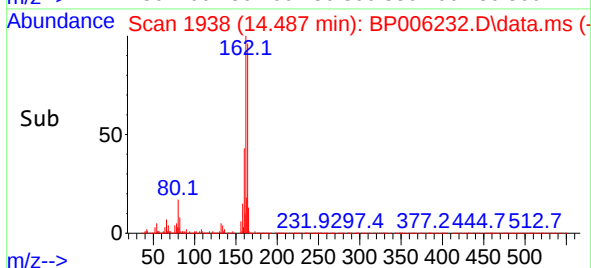
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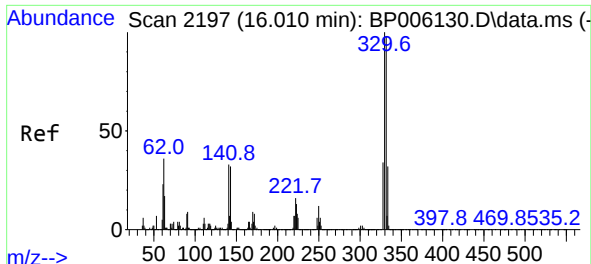


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



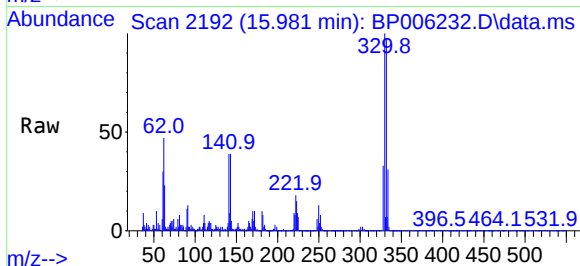
Tgt Ion: 164 Resp: 516216
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 44.9 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 33.902 ng
RT: 15.981 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

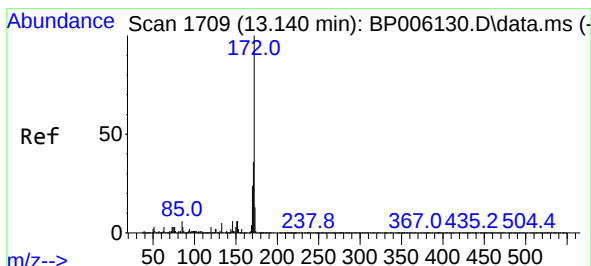
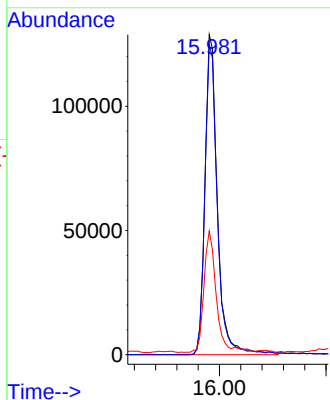
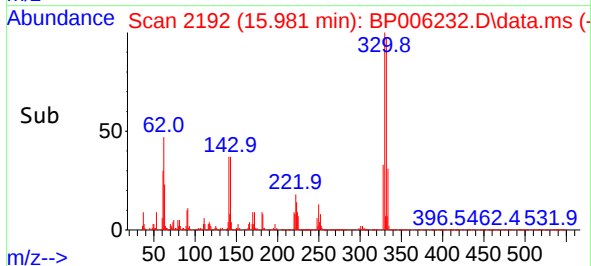
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ClientSampleId :
OR-02-071321



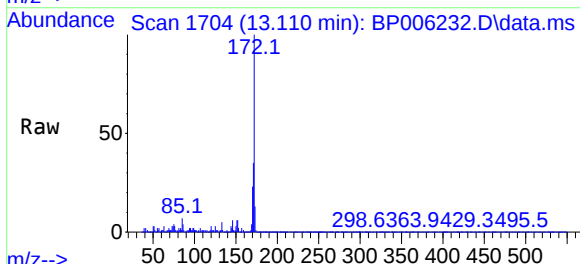
Tgt Ion:330 Resp: 208359
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 37.3 25.4 38.2

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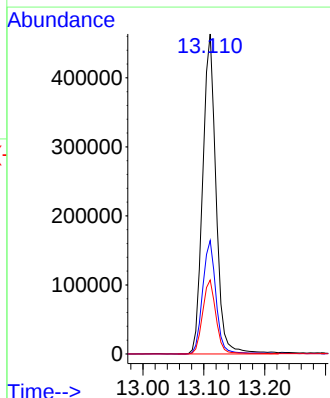
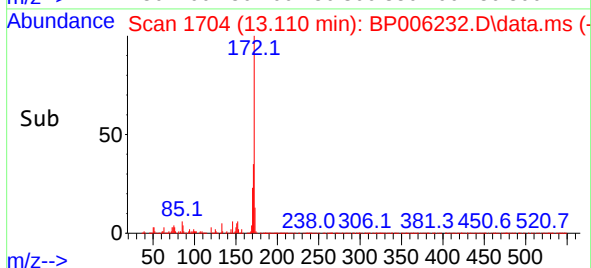
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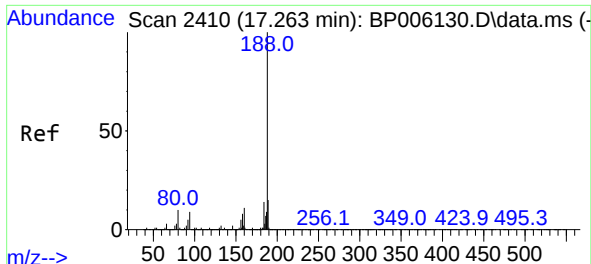


#45
2-Fluorobiphenyl
Concen: 20.179 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



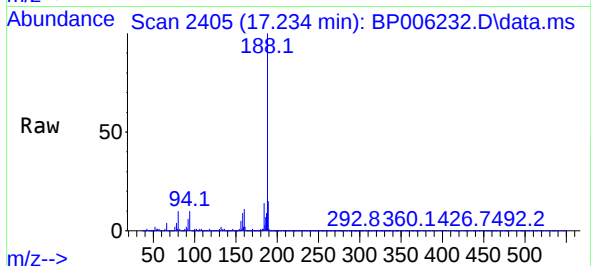
Tgt Ion:172 Resp: 704611
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

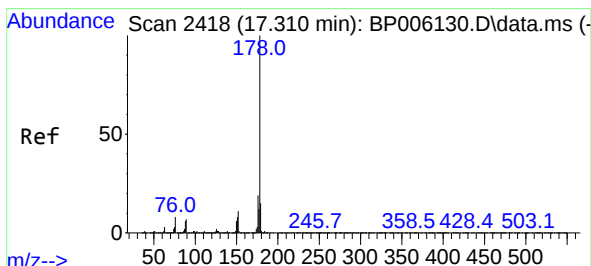
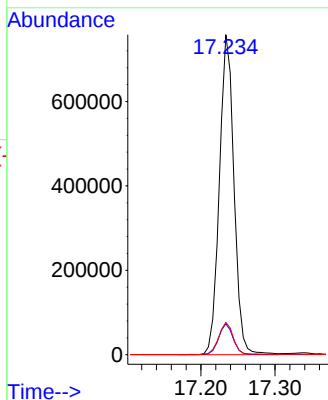
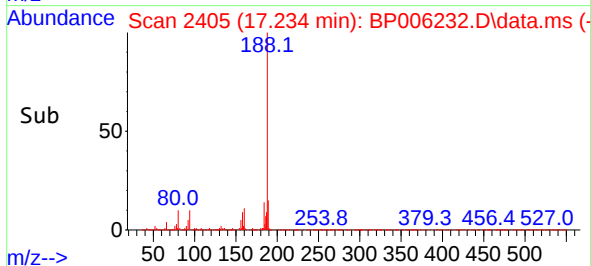
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ClientSampleId :
OR-02-071321



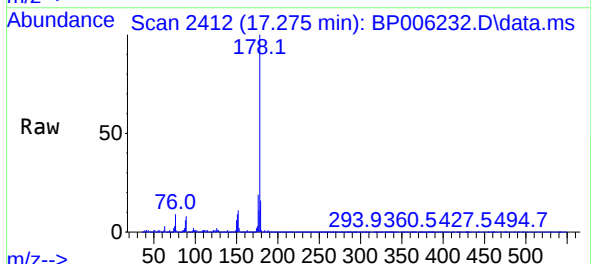
Tgt Ion:188 Resp: 1038144
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.1 6.3 9.5#

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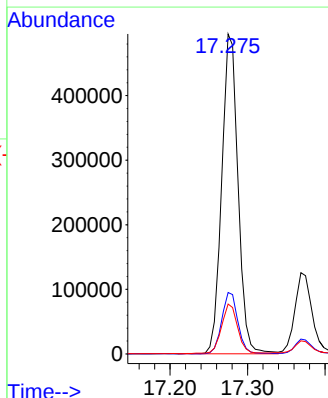
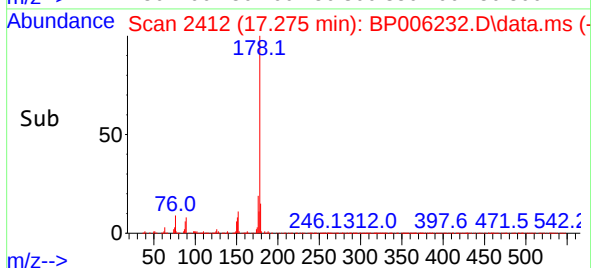
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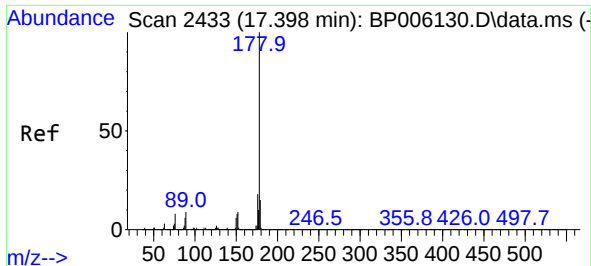


#71
Phenanthrene
Concen: 12.345 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



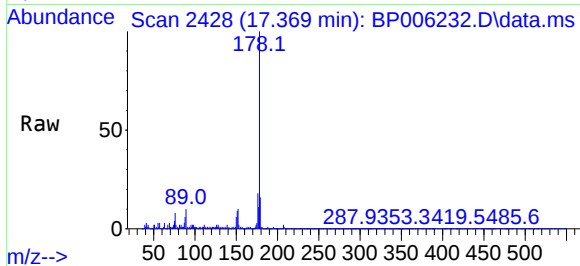
Tgt Ion:178 Resp: 723781
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 12.4 18.6





#72
 Anthracene
 Concen: 3.471 ng
 RT: 17.369 min Scan# 2428
 Delta R.T. -0.017 min
 Lab File: BP006232.D
 Acq: 14 Jul 2021 22:59

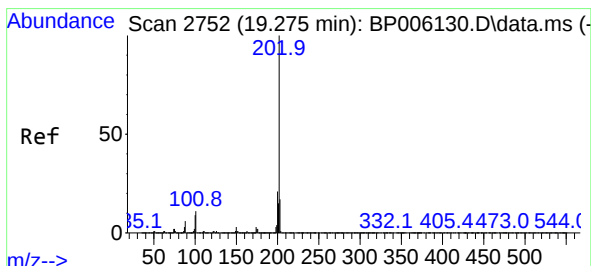
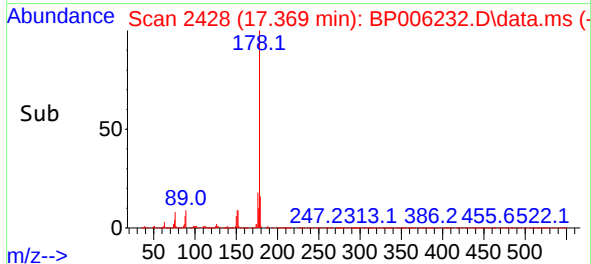
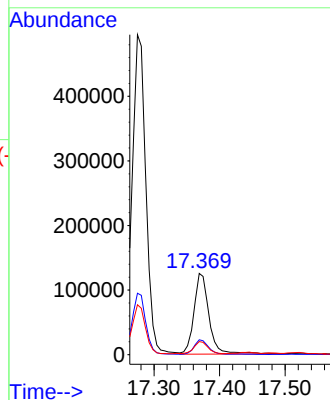
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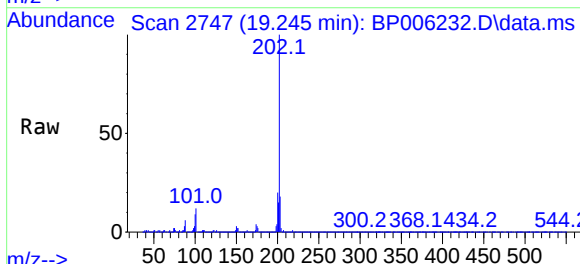
Tgt Ion:178 Resp: 199375
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 16.1 12.2 18.2

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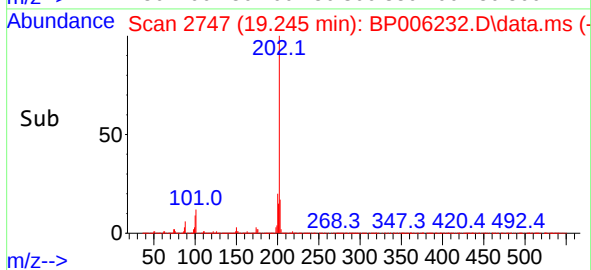
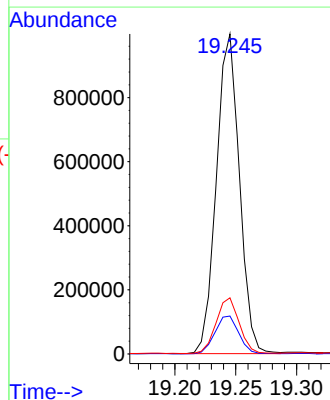
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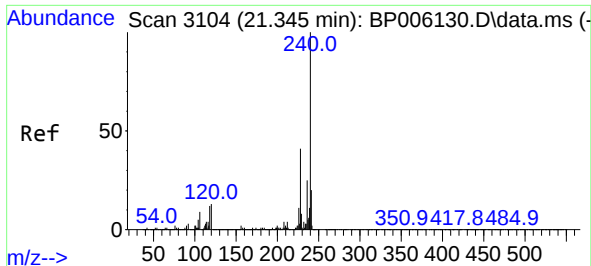


#75
 Fluoranthene
 Concen: 20.467 ng
 RT: 19.245 min Scan# 2747
 Delta R.T. -0.011 min
 Lab File: BP006232.D
 Acq: 14 Jul 2021 22:59



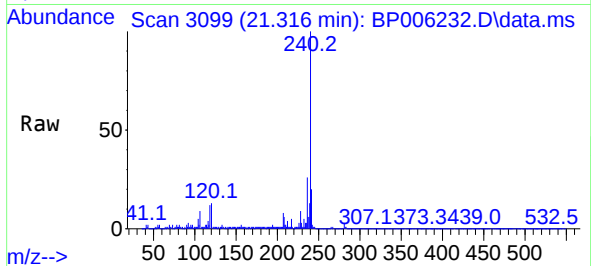
Tgt Ion:202 Resp: 1315178
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 27.6
 203 17.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

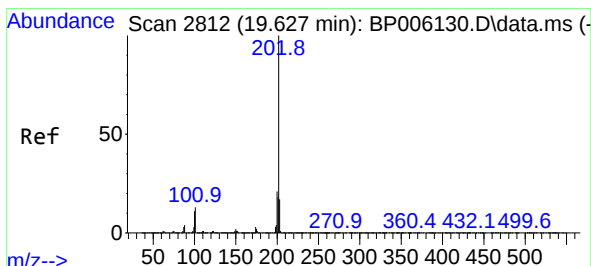
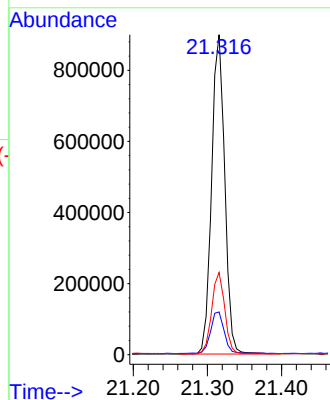
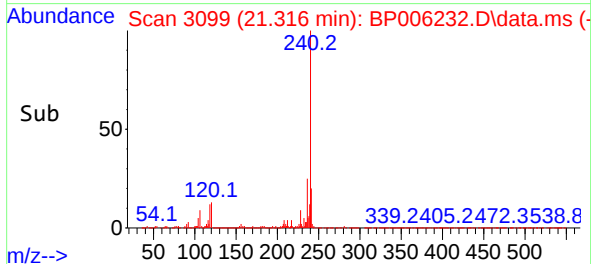
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ClientSampleId :
OR-02-071321



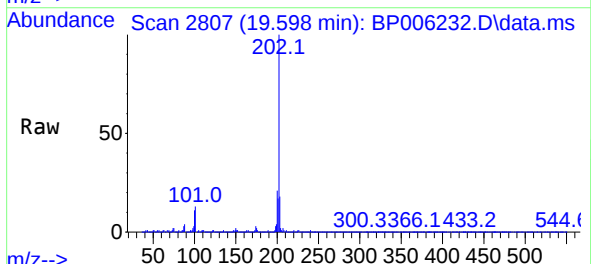
Tgt Ion:240 Resp: 1103840
Ion Ratio Lower Upper
240 100
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236 25.7 20.6 31.0

Manual Integrations
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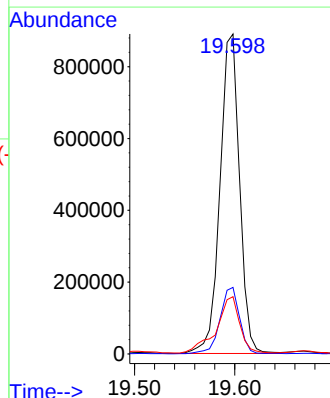
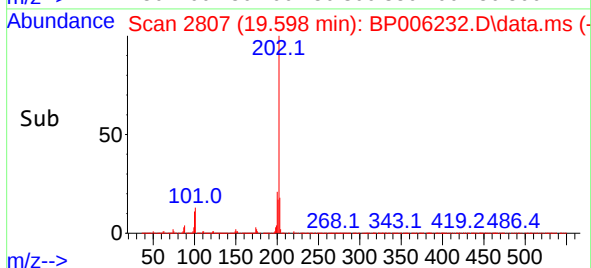
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7/15/2021 11:33:29 AM

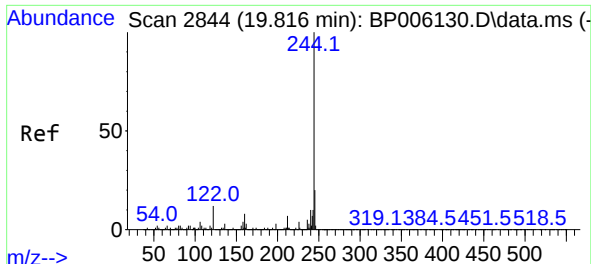


#78
Pyrene
Concen: 16.148 ng
RT: 19.598 min Scan# 2807
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



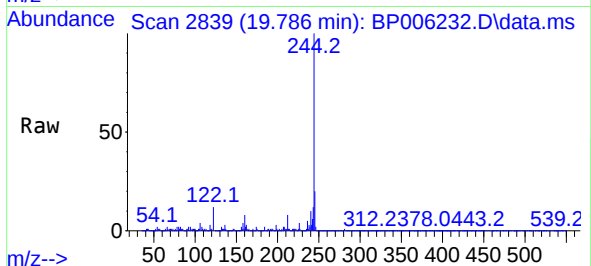
Tgt Ion:202 Resp: 1204760
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.9 14.2 21.2





#79
Terphenyl-d14
Concen: 18.908 ng
RT: 19.786 min Scan# 2839
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

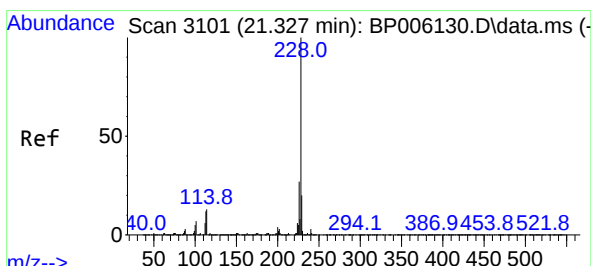
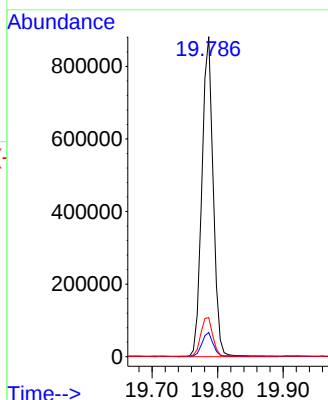
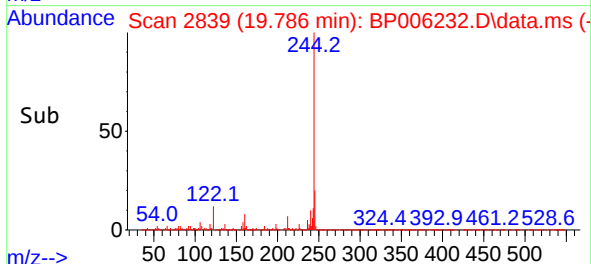
Instrument :
BNA_P
ClientSampleId :
OR-02-071321



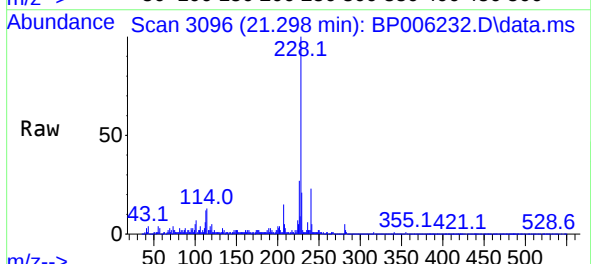
Tgt Ion:244 Resp: 1058602
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.2 7.1 10.7#

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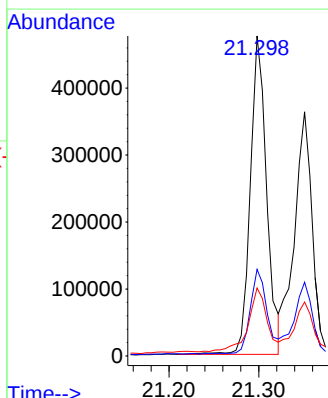
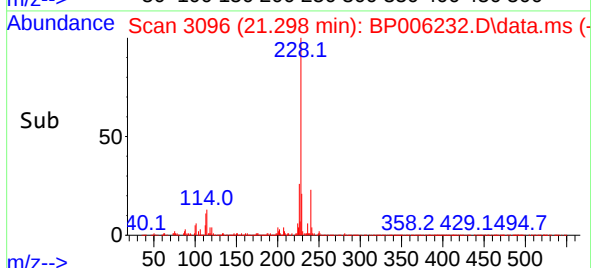
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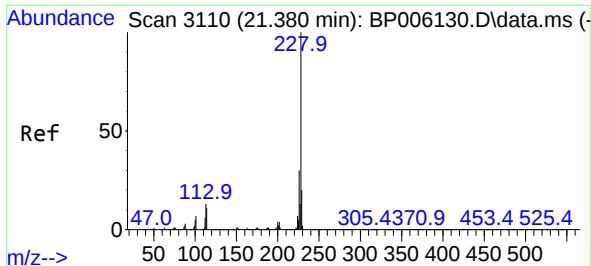


#81
Benzo(a)anthracene
Concen: 8.585 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59



Tgt Ion:228 Resp: 599388
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 21.3 15.8 23.6





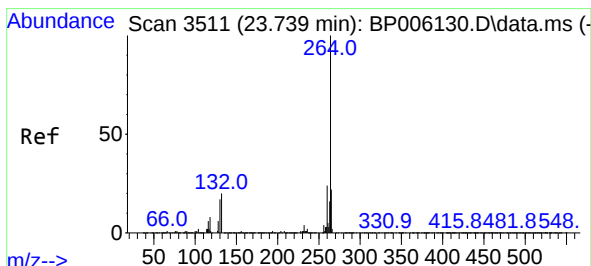
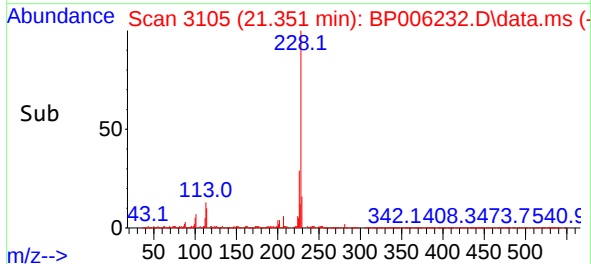
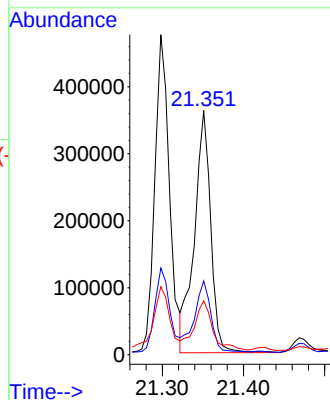
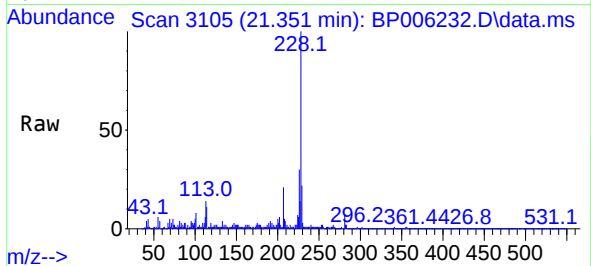
#83
Chrysene
Concen: 7.347 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:228 Resp: 506928
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 22.1 15.4 23.2

Instrument :
BNA_P
ClientSampleId :
OR-02-071321

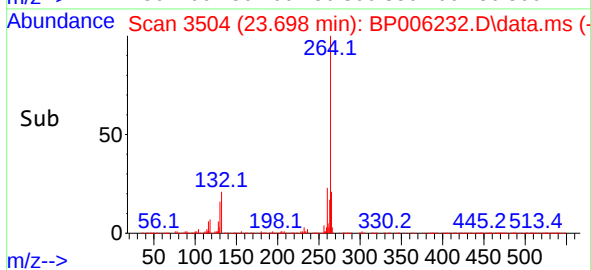
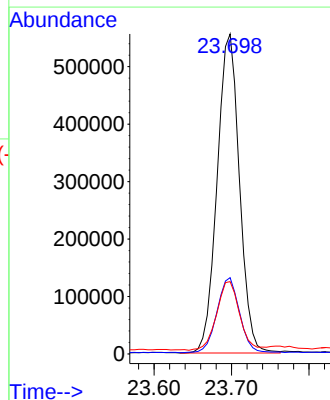
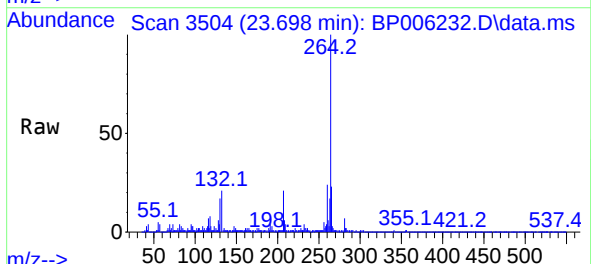
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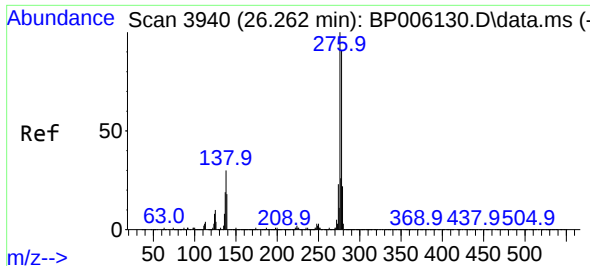
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

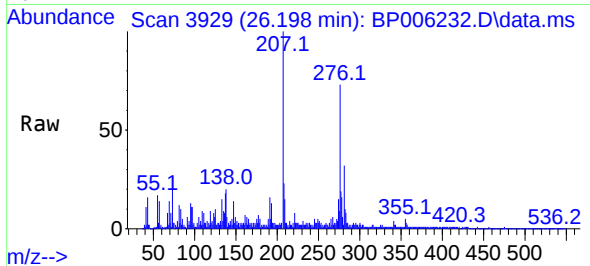
Tgt Ion:264 Resp: 1113532
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.6 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.296 ng
 RT: 26.198 min Scan# 3929
 Delta R.T. -0.035 min
 Lab File: BP006232.D
 Acq: 14 Jul 2021 22:59

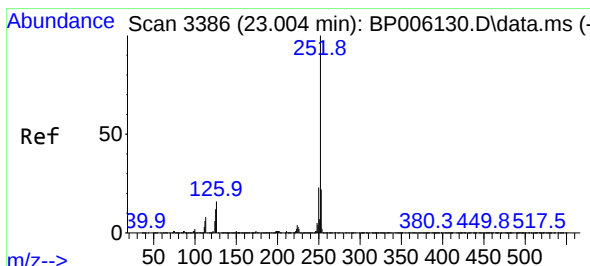
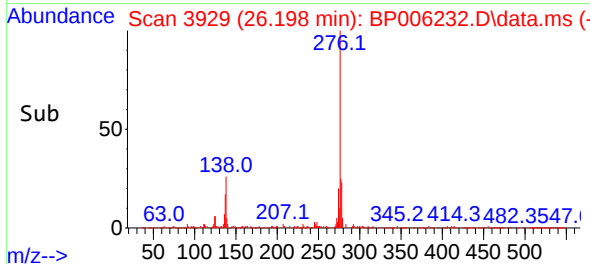
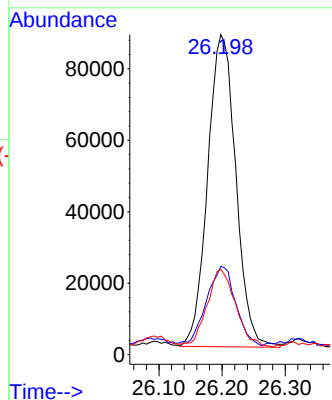
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071321



Tgt Ion:276 Resp: 270588
 Ion Ratio Lower Upper
 276 100
 138 26.3 15.3 22.9#
 277 25.5 20.4 30.6

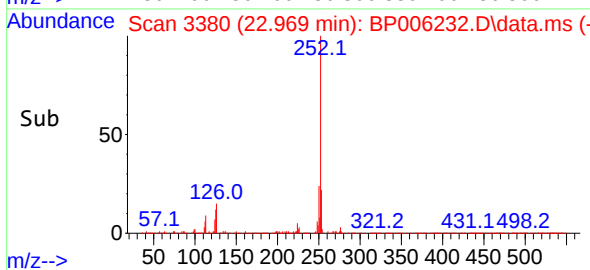
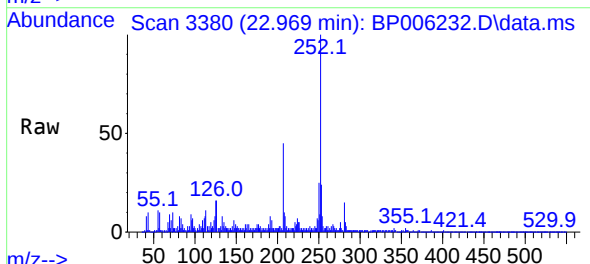
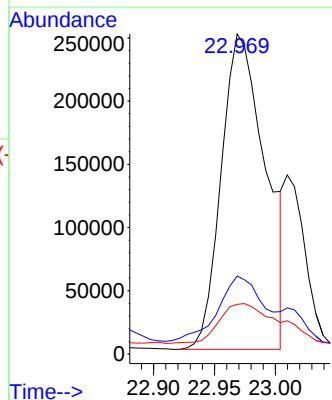
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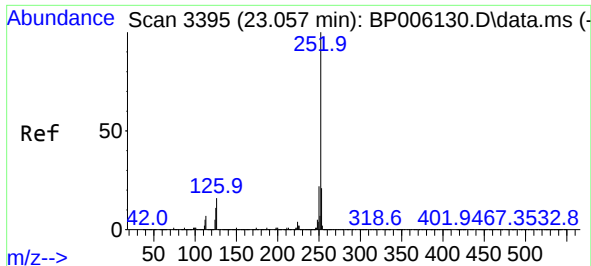
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 9.341 ng
 RT: 22.969 min Scan# 3380
 Delta R.T. -0.017 min
 Lab File: BP006232.D
 Acq: 14 Jul 2021 22:59

Tgt Ion:252 Resp: 630982
 Ion Ratio Lower Upper
 252 100
 253 24.4 17.5 26.3
 125 15.5 6.2 9.4#





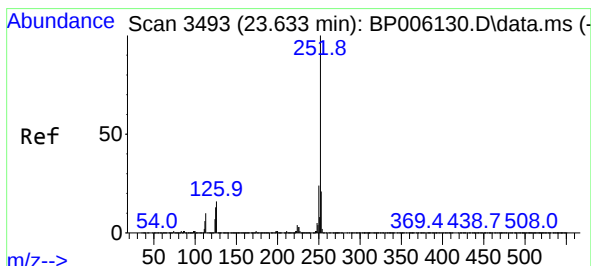
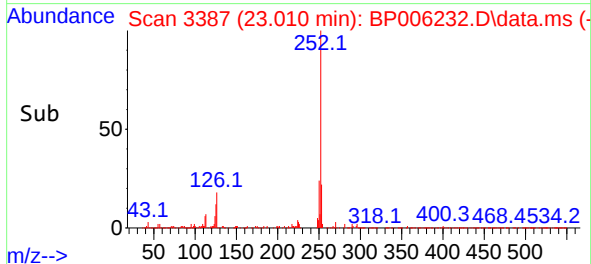
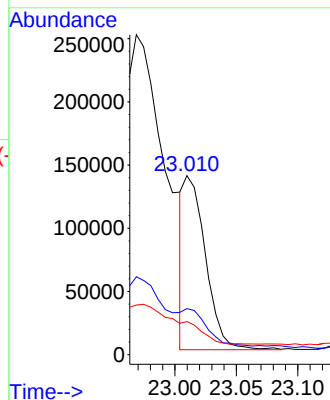
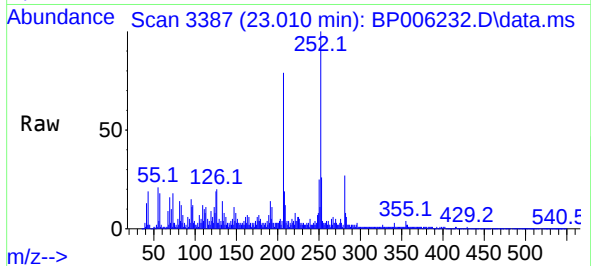
#89
Benzo(k)fluoranthene
Concen: 2.538 ng m
RT: 23.010 min Scan# 3387
Delta R.T. -0.023 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:252 Resp: 167572
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 18.5 6.0 9.0#

Instrument :
BNA_P
ClientSampleId :
OR-02-071321

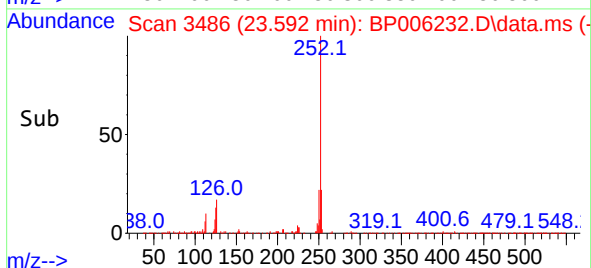
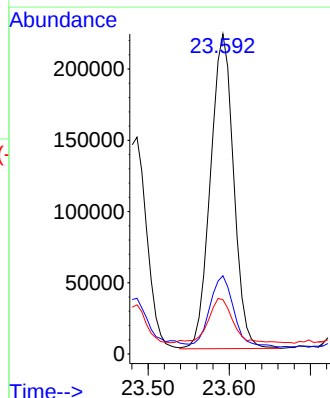
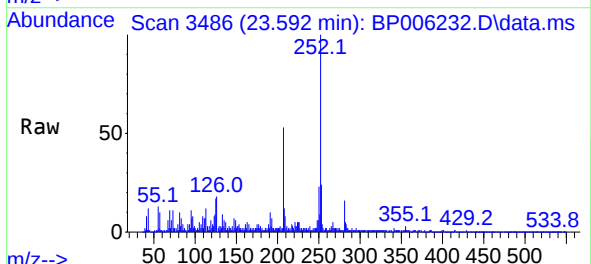
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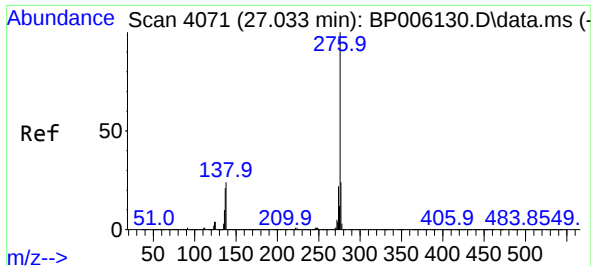
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#90
Benzo(a)pyrene
Concen: 6.909 ng
RT: 23.592 min Scan# 3486
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

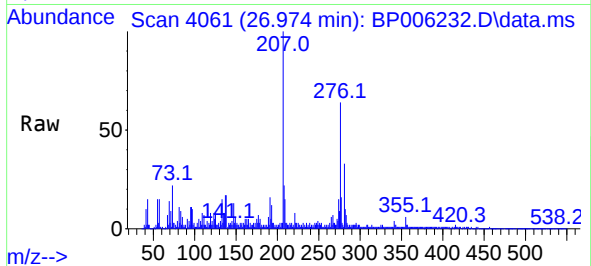
Tgt Ion:252 Resp: 437929
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 17.0 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.788 ng
RT: 26.974 min Scan# 4061
Delta R.T. -0.029 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Instrument :
BNA_P
ClientSampleId :
OR-02-071321



Tgt Ion: 276 Resp: 263504
Ion Ratio Lower Upper
276 100
277 25.5 18.9 28.3
138 27.0 12.6 18.8#

Manual Integrations
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