

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006189.D
 Acq On : 12 Jul 2021 19:39
 Operator : CG/JU
 Sample : M3006-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-070921

Manual Integrations
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Quant Time: Jul 13 04:16:31 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	7.864	152	239718	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	967329	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	552067	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1015403	20.000	ng	# 0.00
76) Chrysene-d12	21.328	240	912298	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	1029741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	817773	58.698	ng	0.00
7) Phenol-d6	7.052	99	1022912	55.508	ng	0.00
23) Nitrobenzene-d5	9.028	82	571719	37.332	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	389446	59.252	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1404317	37.605	ng	0.00
79) Terphenyl-d14	19.798	244	1742905	37.667	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	207443	3.617	ng	97
75) Fluoranthene	19.257	202	327923	5.217	ng	96
78) Pyrene	19.604	202	308431	5.002	ng	98
81) Benzo(a)anthracene	21.310	228	170992	2.963	ng	97
83) Chrysene	21.363	228	148015m	2.596	ng	
88) Benzo(b)fluoranthene	22.980	252	226149	3.620	ng	# 46
90) Benzo(a)pyrene	23.604	252	171997	2.934	ng	# 47

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

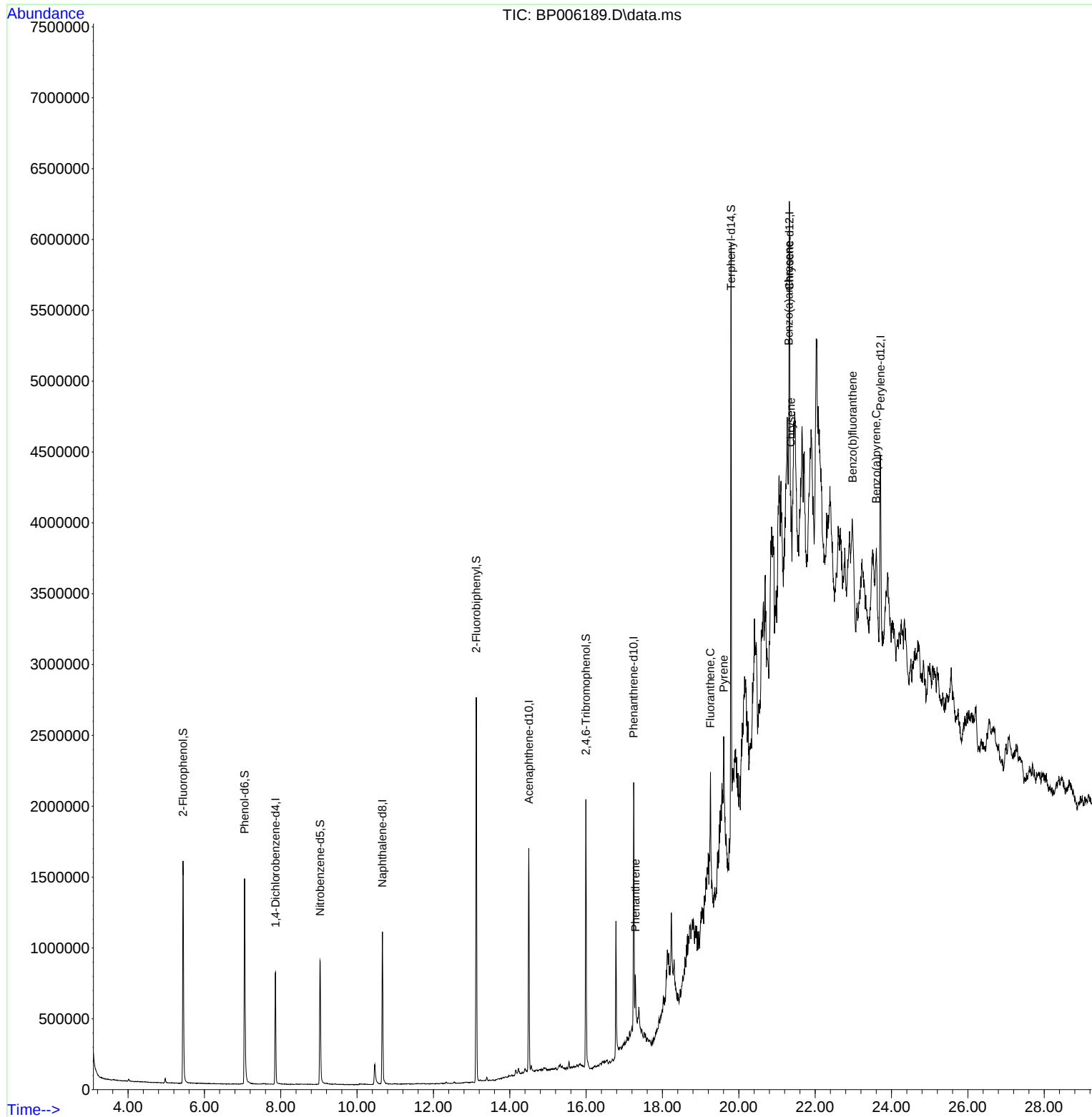
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006189.D
Acq On : 12 Jul 2021 19:39
Operator : CG/JU
Sample : M3006-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

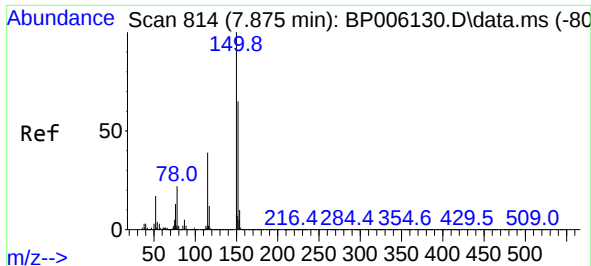
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

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Quant Time: Jul 13 04:16:31 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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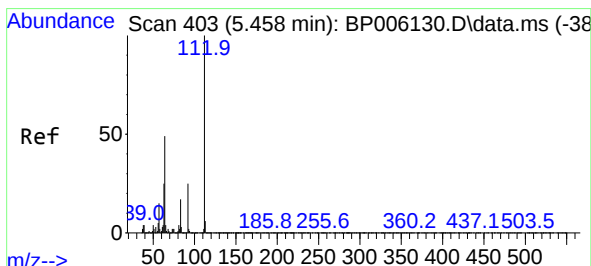
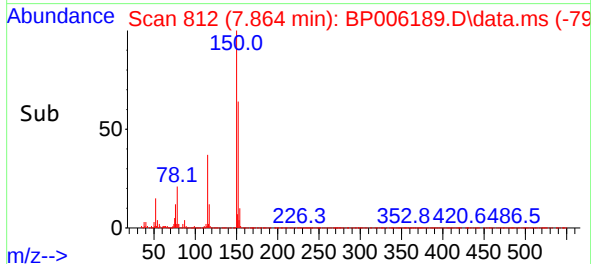
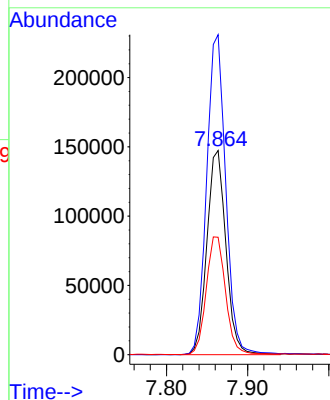
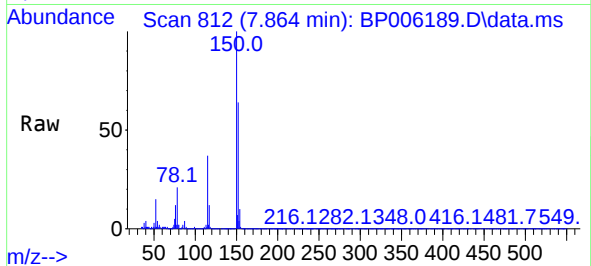
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 812
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:152 Resp: 239718
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 57.6 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
CL-02-070921

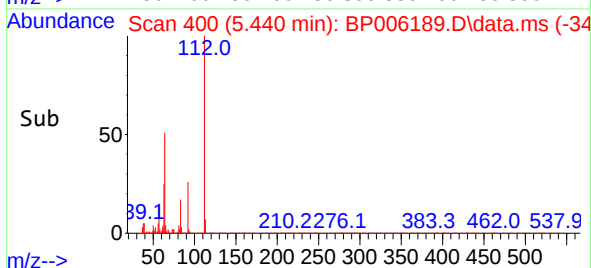
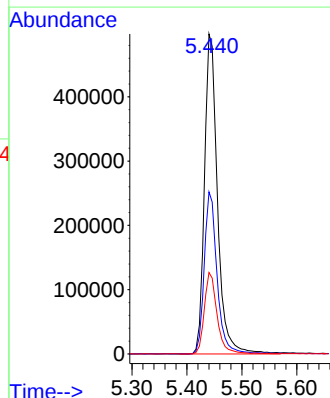
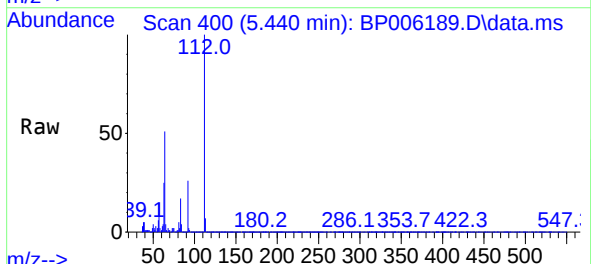
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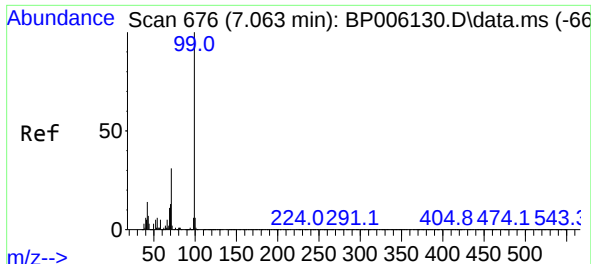
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#5
2-Fluorophenol
Concen: 58.698 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

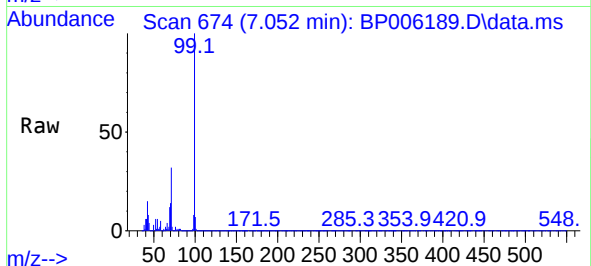
Tgt Ion:112 Resp: 817773
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 25.4 23.8 35.8





#7
Phenol-d6
Concen: 55.508 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

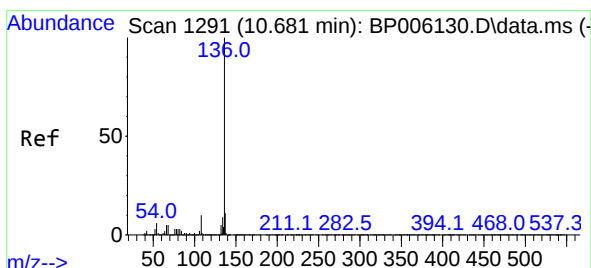
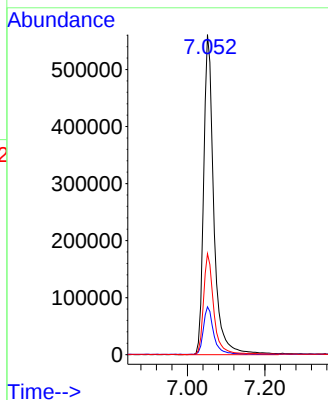
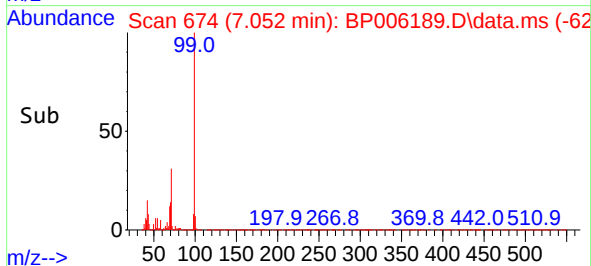
Instrument :
BNA_P
ClientSampleId :
CL-02-070921



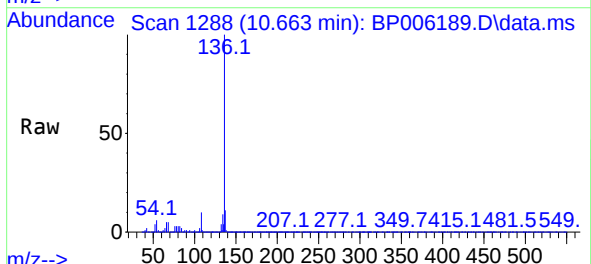
Tgt Ion: 99 Resp: 1022912
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.6 30.6 46.0

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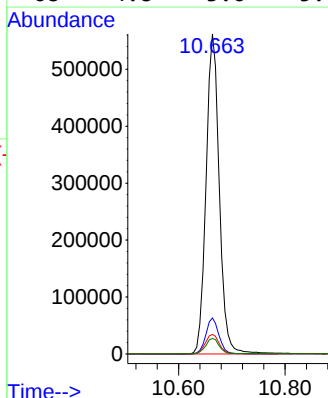
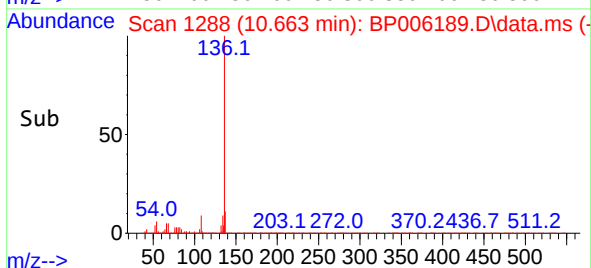
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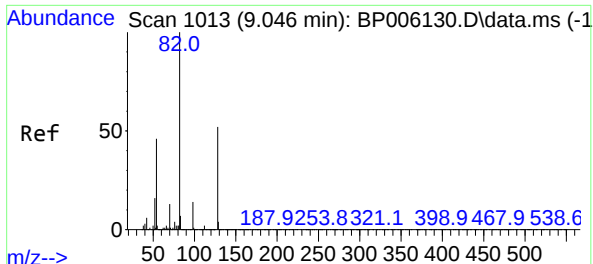


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39



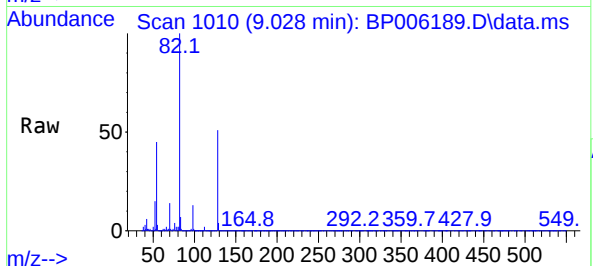
Tgt Ion: 136 Resp: 967329
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.1 4.6 6.8
68 4.8 3.6 5.4





#23
Nitrobenzene-d5
Concen: 37.332 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

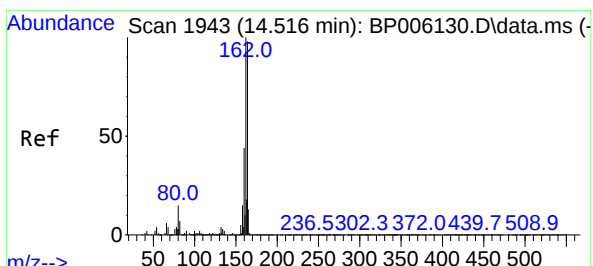
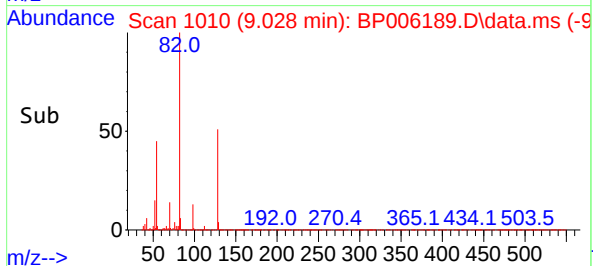
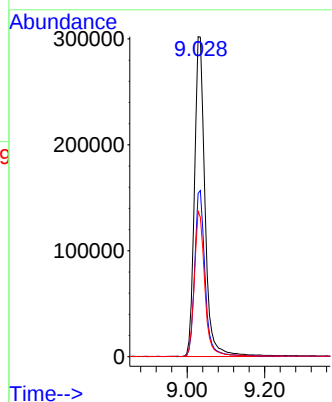
Instrument :
BNA_P
ClientSampleId :
CL-02-070921



Tgt Ion: 82 Resp: 571719
Ion Ratio Lower Upper
82 100
128 51.1 35.7 53.5
54 45.5 35.0 52.4

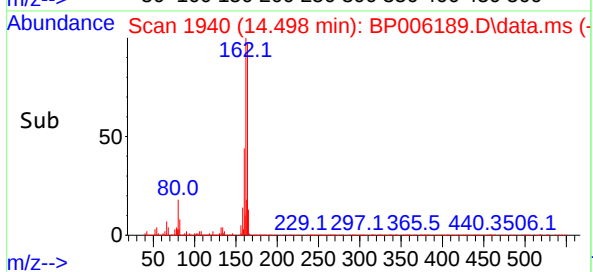
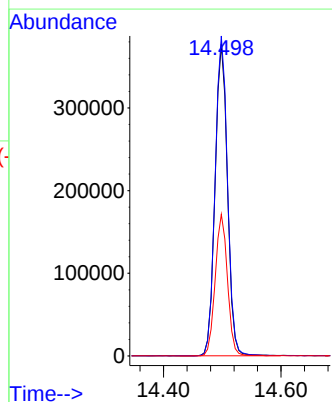
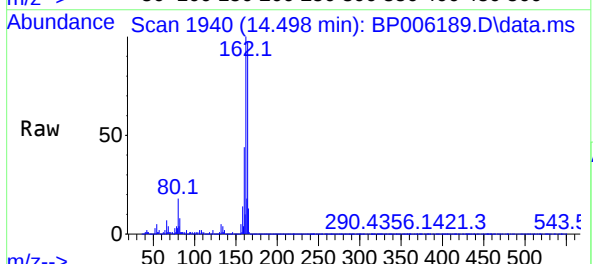
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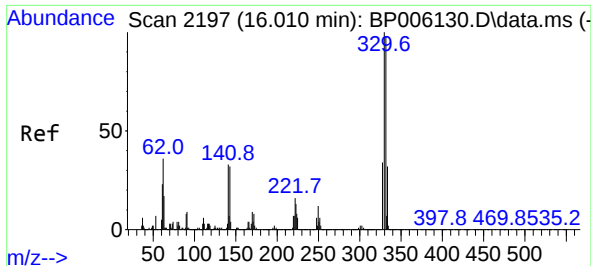
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

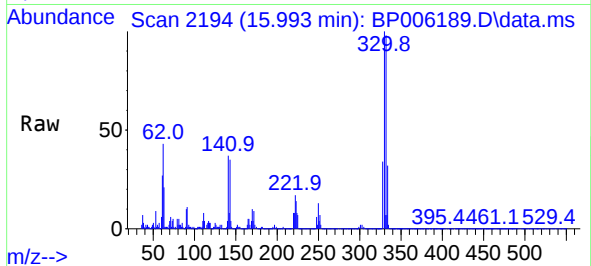
Tgt Ion: 164 Resp: 552067
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.4 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 59.252 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

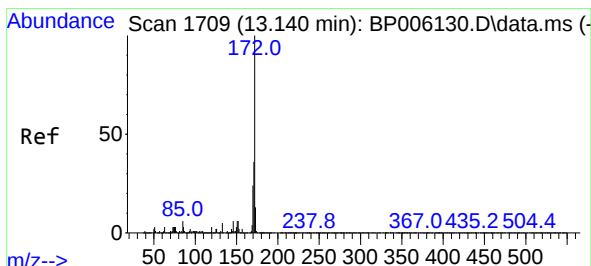
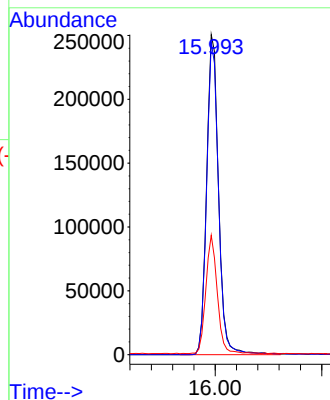
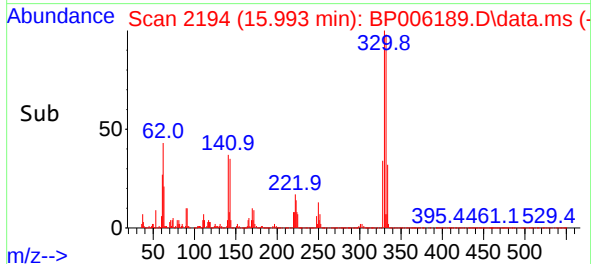
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ClientSampleId :
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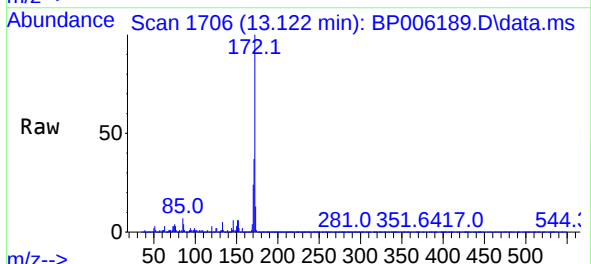
Tgt Ion:330 Resp: 389446
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 35.6 25.4 38.2

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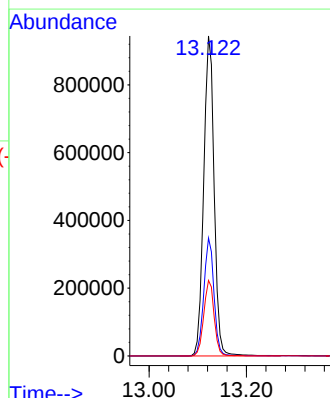
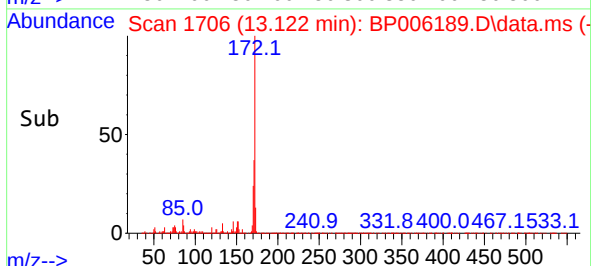
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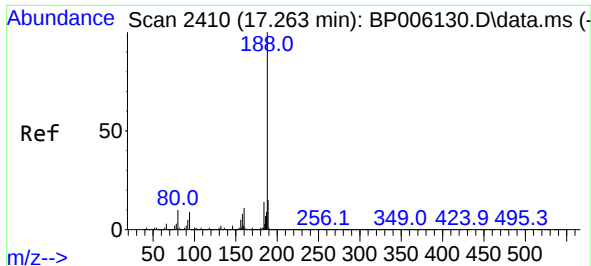


#45
2-Fluorobiphenyl
Concen: 37.605 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39



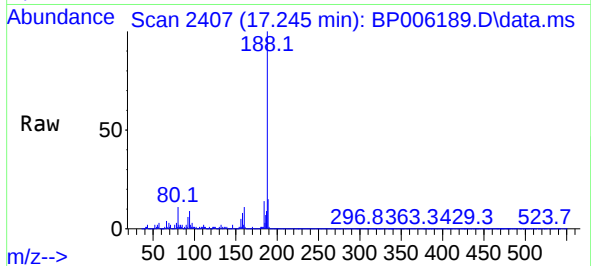
Tgt Ion:172 Resp: 1404317
Ion Ratio Lower Upper
172 100
171 36.9 27.9 41.9
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

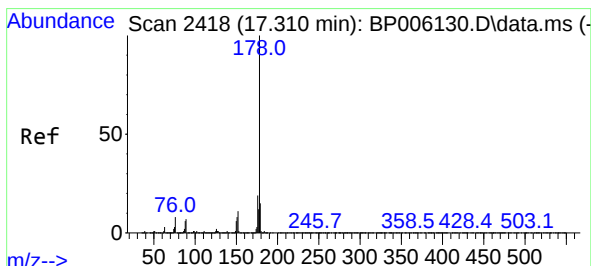
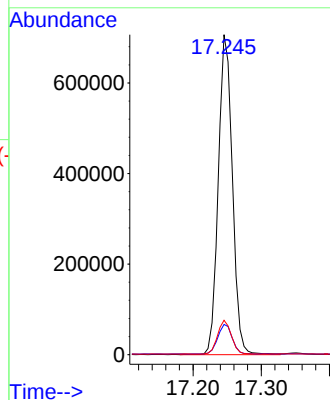
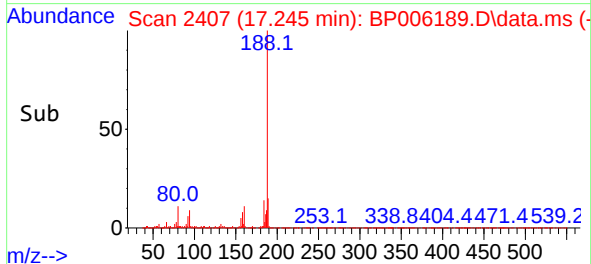
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ClientSampleId :
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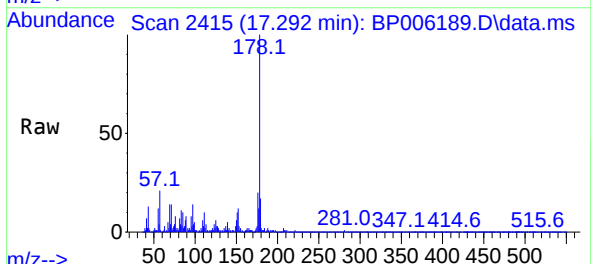
Tgt Ion:188 Resp: 1015403
Ion Ratio Lower Upper
188 100
94 9.5 5.6 8.4#
80 10.8 6.3 9.5#

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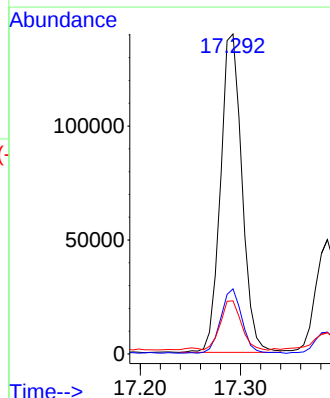
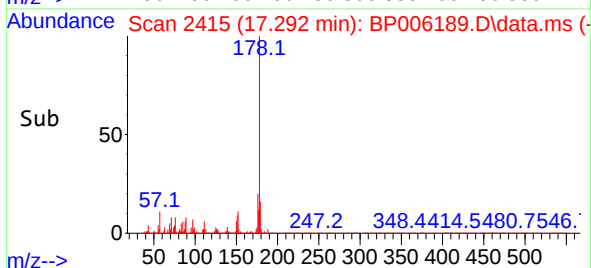
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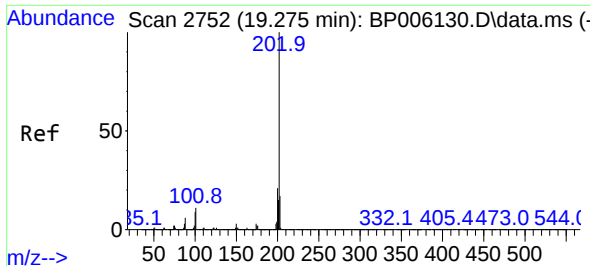


#71
Phenanthrene
Concen: 3.617 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39



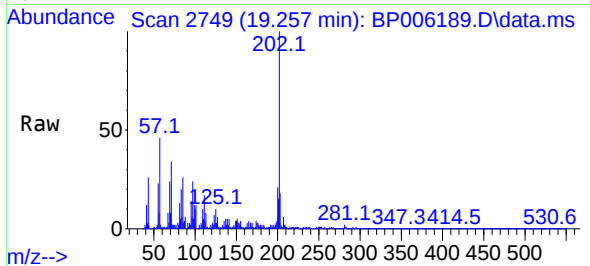
Tgt Ion:178 Resp: 207443
Ion Ratio Lower Upper
178 100
176 20.4 15.1 22.7
179 16.6 12.4 18.6





#75
Fluoranthene
Concen: 5.217 ng
RT: 19.257 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

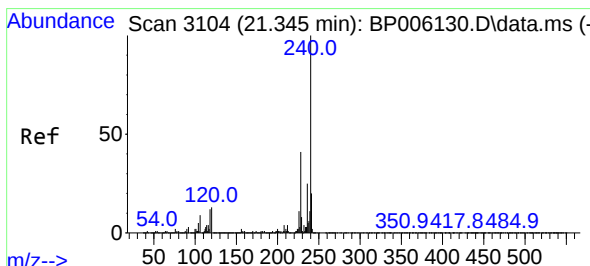
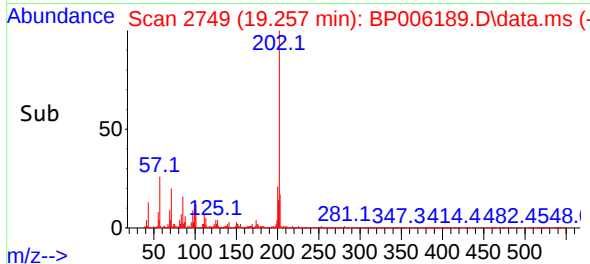
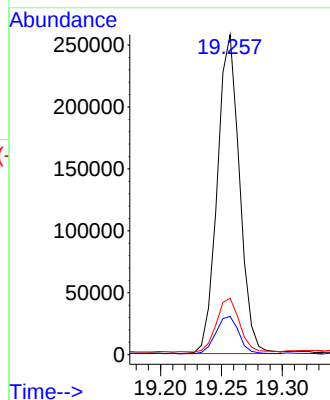
Instrument :
BNA_P
ClientSampled :
CL-02-070921



Tgt Ion:202 Resp: 327923
Ion Ratio Lower Upper
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101 12.0 0.0 27.6
203 17.7 0.0 37.8

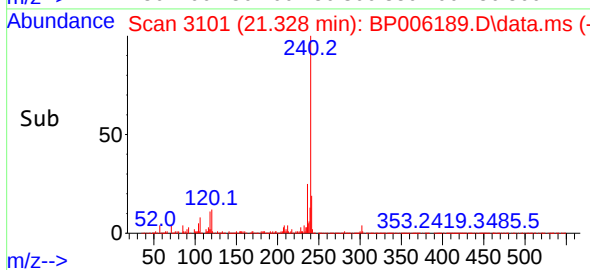
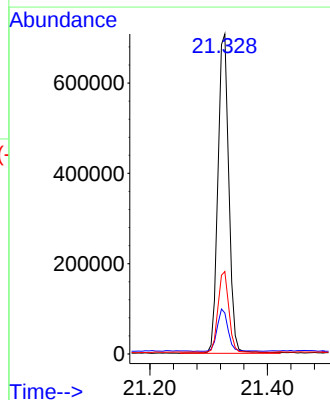
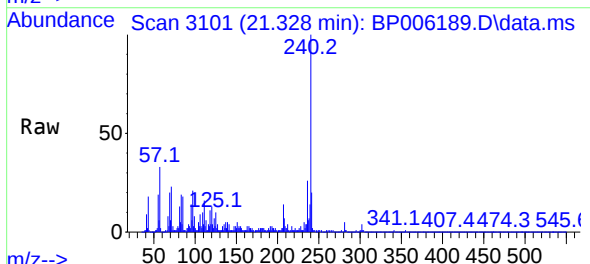
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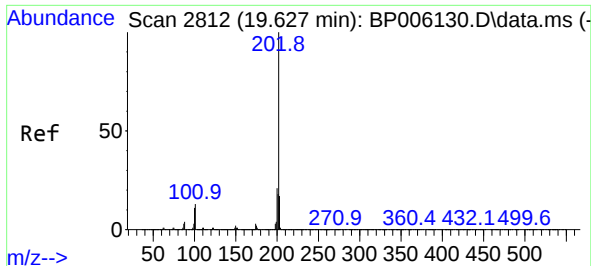
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.328 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

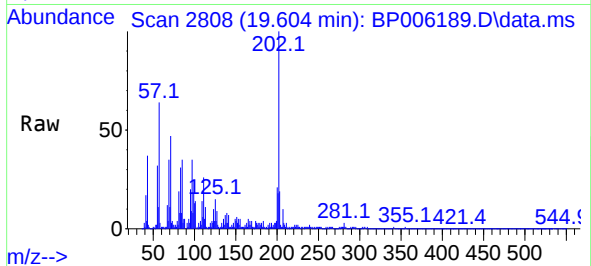
Tgt Ion:240 Resp: 912298
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 25.7 20.6 31.0





#78
 Pyrene
 Concen: 5.002 ng
 RT: 19.604 min Scan# 2808
 Delta R.T. -0.005 min
 Lab File: BP006189.D
 Acq: 12 Jul 2021 19:39

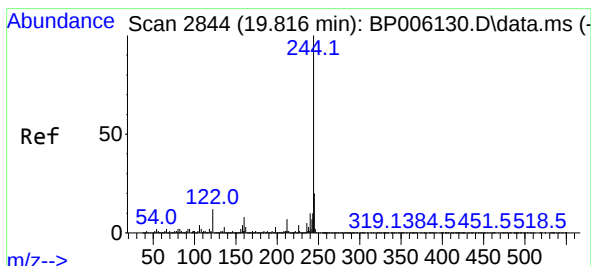
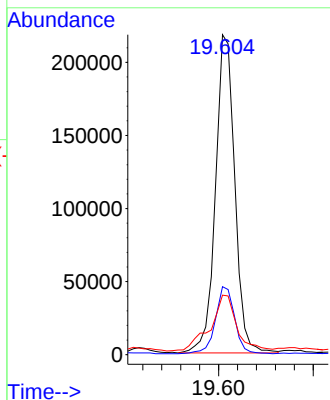
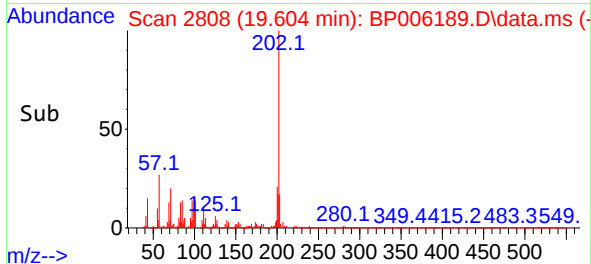
Instrument :
 BNA_P
 ClientSampled :
 CL-02-070921



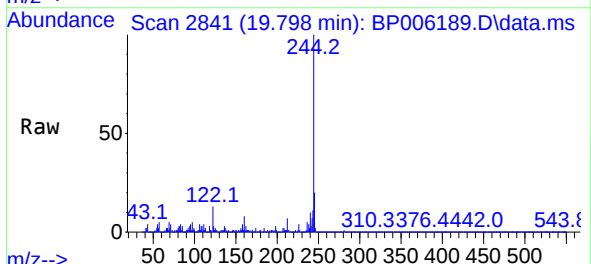
Tgt Ion:202 Resp: 308431
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.3 24.5
 203 18.6 14.2 21.2

Manual Integrations
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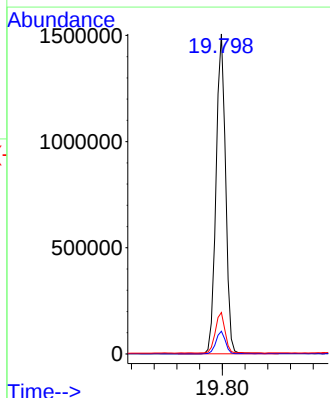
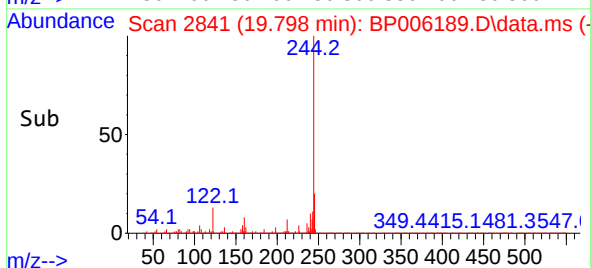
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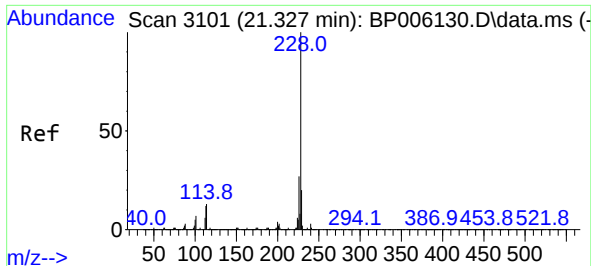


#79
 Terphenyl-d14
 Concen: 37.667 ng
 RT: 19.798 min Scan# 2841
 Delta R.T. -0.005 min
 Lab File: BP006189.D
 Acq: 12 Jul 2021 19:39



Tgt Ion:244 Resp: 1742905
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.0 7.1 10.7#





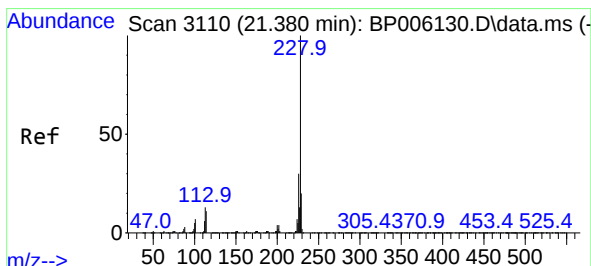
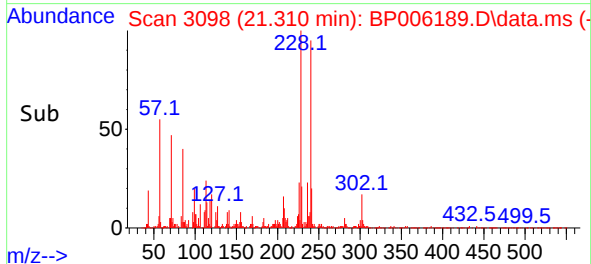
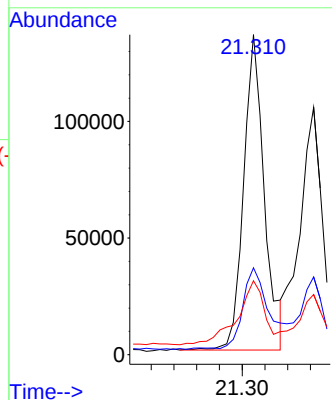
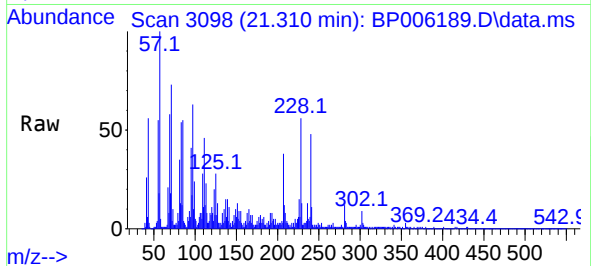
#81
Benzo(a)anthracene
Concen: 2.963 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Instrument :
BNA_P
ClientSampled :
CL-02-070921

Tgt Ion:228 Resp: 170992
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 23.1 15.8 23.6

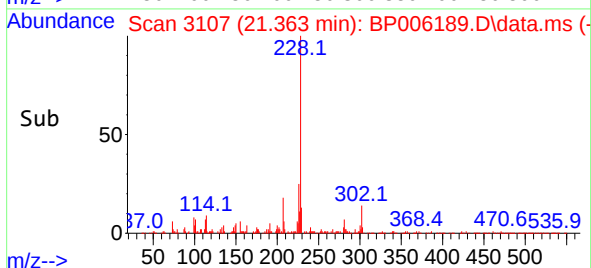
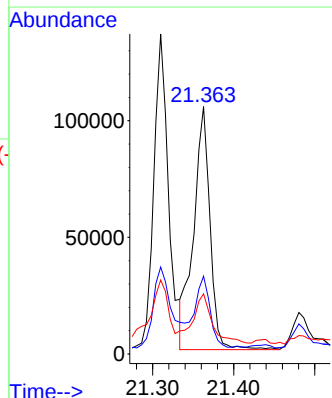
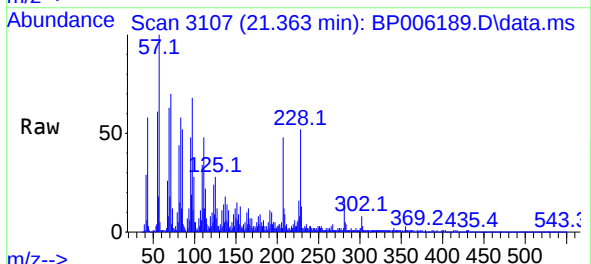
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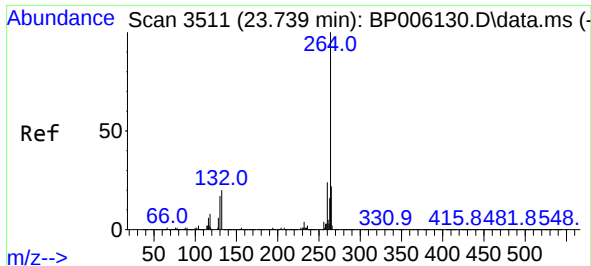
mohammad
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#83
Chrysene
Concen: 2.596 ng m
RT: 21.363 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

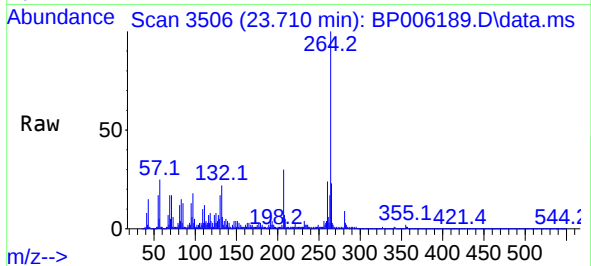
Tgt Ion:228 Resp: 148015
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 24.3 15.4 23.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3506
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Instrument :
BNA_P
ClientSampleId :
CL-02-070921

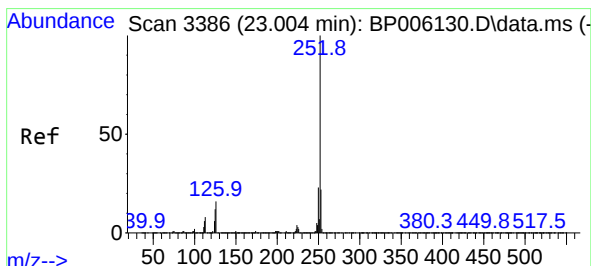
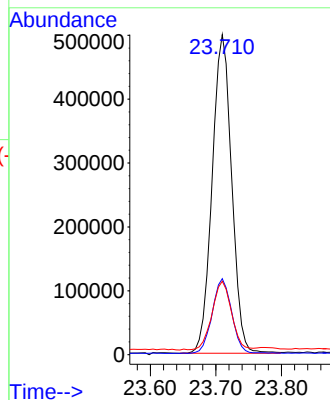
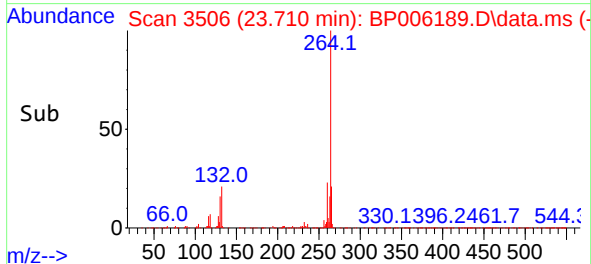


Tgt Ion:264 Resp: 1029741

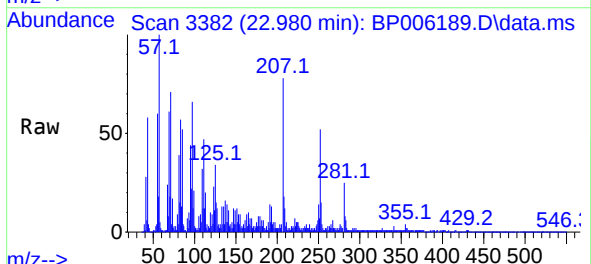
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.9	17.6	26.4

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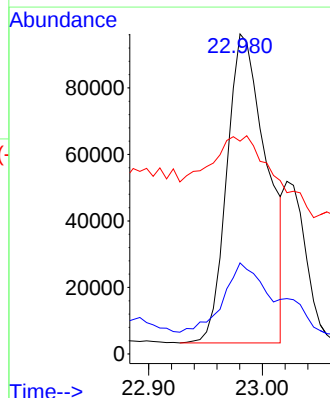
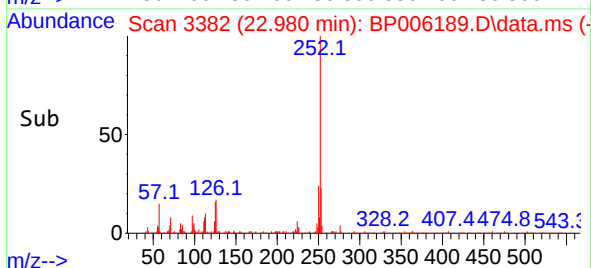


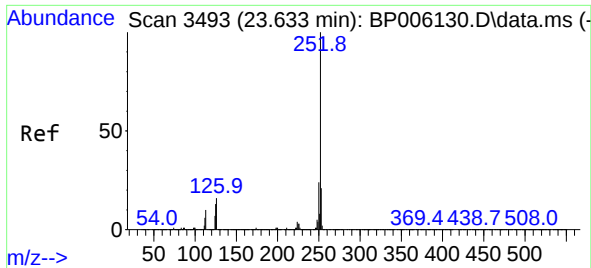
#88
Benzo(b)fluoranthene
Concen: 3.620 ng
RT: 22.980 min Scan# 3382
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39



Tgt Ion:252 Resp: 226149

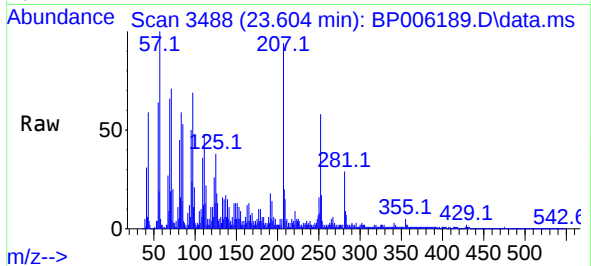
Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.5	26.3#
125	66.5	6.2	9.4#





#90
Benzo(a)pyrene
Concen: 2.934 ng
RT: 23.604 min Scan# 3488
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Instrument :
BNA_P
ClientSampleId :
CL-02-070921



Tgt Ion:252 Resp: 171997
Ion Ratio Lower Upper
252 100
253 28.7 17.9 26.9#
125 65.6 6.5 9.7#

Manual Integrations
APPROVED

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