

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006231.D
 Acq On : 14 Jul 2021 22:25
 Operator : CG/JU
 Sample : M3026-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-2

Manual Integrations
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mohammad
 7/15/2021 11:33:26 AM

Quant Time: Jul 15 03:12:19 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	304430	20.000	ng	-0.02
21) Naphthalene-d8	10.652	136	1228215	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	697257	20.000	ng	-0.01
64) Phenanthrene-d10	17.234	188	1287808	20.000	ng	#-0.02
76) Chrysene-d12	21.316	240	1055972	20.000	ng	#-0.01
86) Perylene-d12	23.692	264	943435	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	297225	16.799	ng	0.00
7) Phenol-d6	7.040	99	934200	39.918	ng	0.00
23) Nitrobenzene-d5	9.016	82	1196971	61.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.993	330	50701	6.108	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2826110	59.920	ng	-0.01
79) Terphenyl-d14	19.786	244	3410962	63.687	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.275	178	591588	8.134	ng	99
75) Fluoranthene	19.245	202	1143216	14.342	ng	96
78) Pyrene	19.592	202	1048412	14.689	ng	99
81) Benzo(a)anthracene	21.298	228	482208	7.220	ng	99
83) Chrysene	21.351	228	397507	6.023	ng	97
87) Indeno(1,2,3-cd)pyrene	26.192	276	235471	3.385	ng	# 92
88) Benzo(b)fluoranthene	22.969	252	491884	8.595	ng	# 94
89) Benzo(k)fluoranthene	23.010	252	161131m	2.881	ng	
90) Benzo(a)pyrene	23.586	252	348685	6.493	ng	# 91
92) Benzo(g,h,i)perylene	26.957	276	235856	4.001	ng	# 92

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

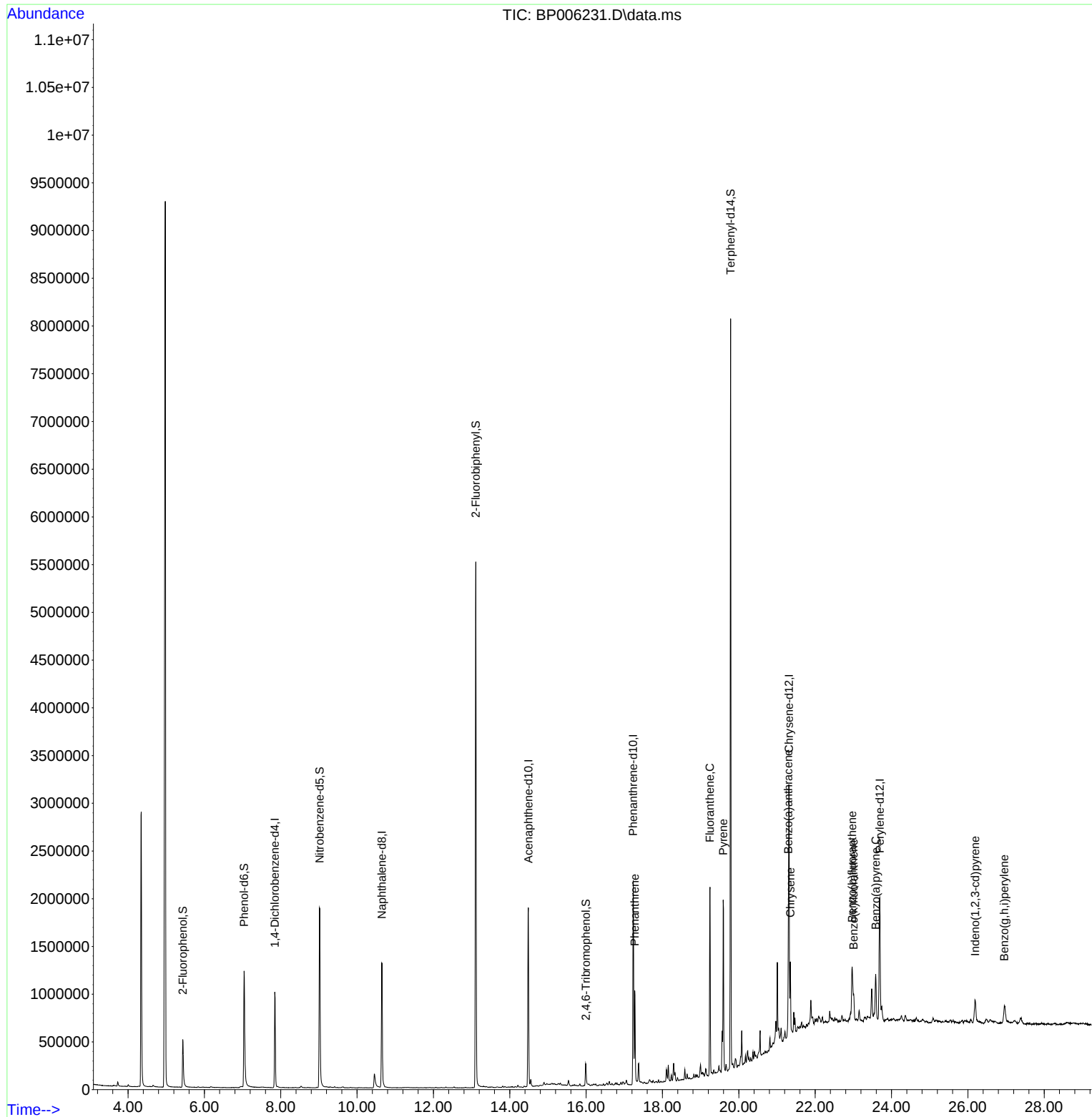
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Data File : BP006231.D
Acq On : 14 Jul 2021 22:25
Operator : CG/JU
Sample : M3026-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

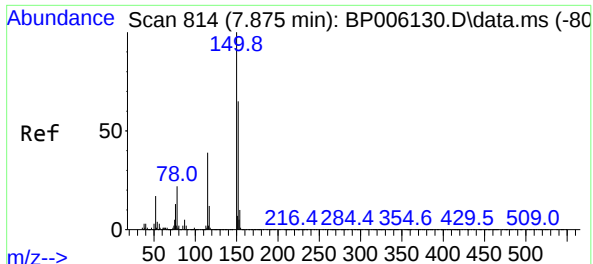
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jul 15 03:12:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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QLast Update : Mon Jul 12 14:59:51 2021
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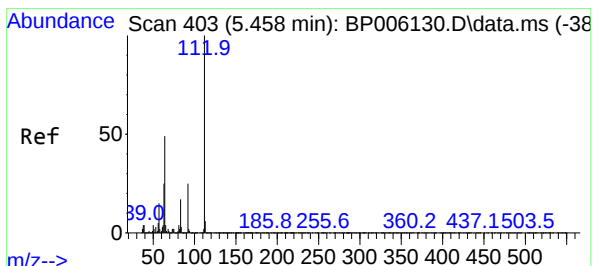
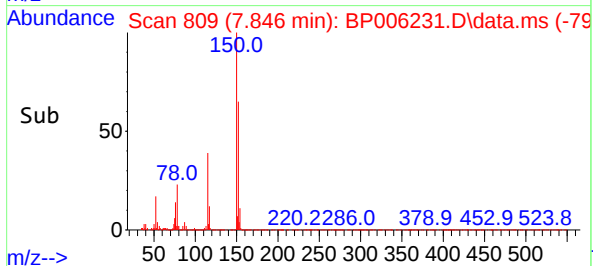
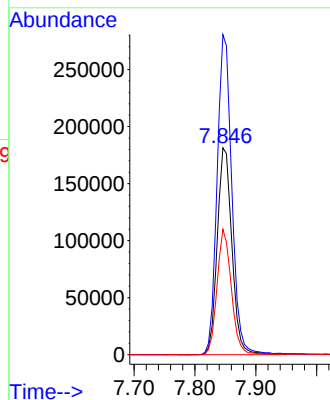
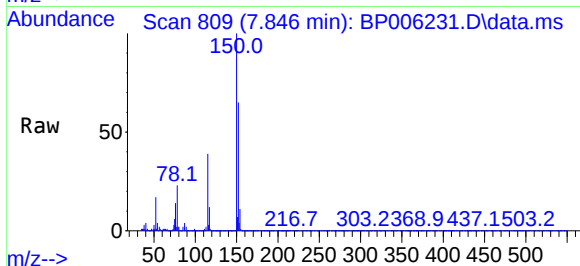
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:152 Resp: 304430
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 60.6 48.5 72.7

Instrument :
BNA_P
ClientSampled :
ABN-JG-2

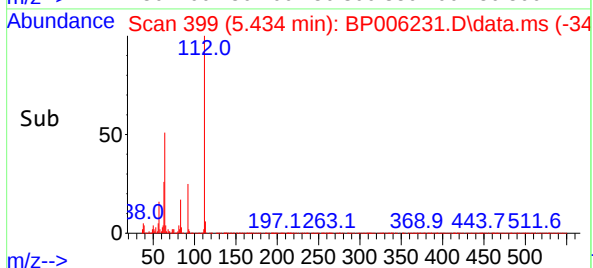
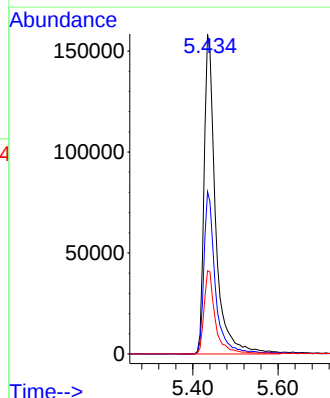
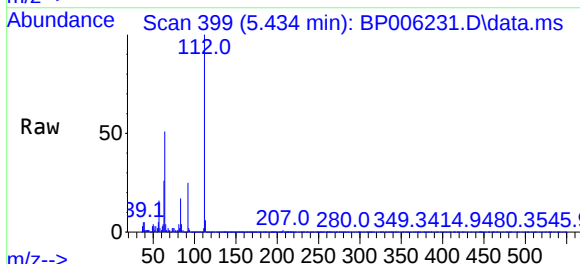
Manual Integrations
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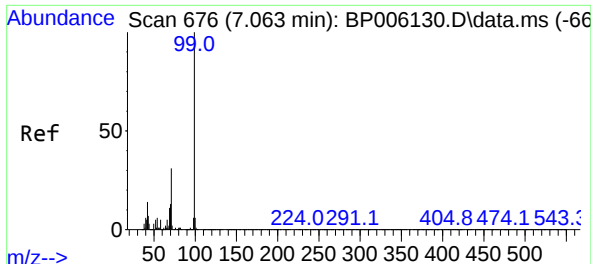
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#5
2-Fluorophenol
Concen: 16.799 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

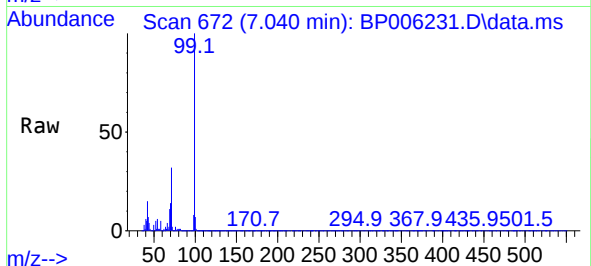
Tgt Ion:112 Resp: 297225
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 26.0 23.8 35.8





#7
Phenol-d6
Concen: 39.918 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

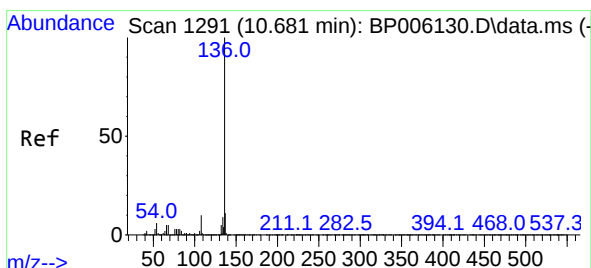
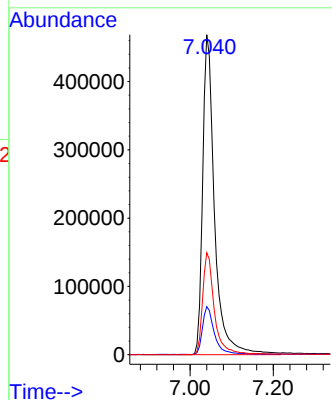
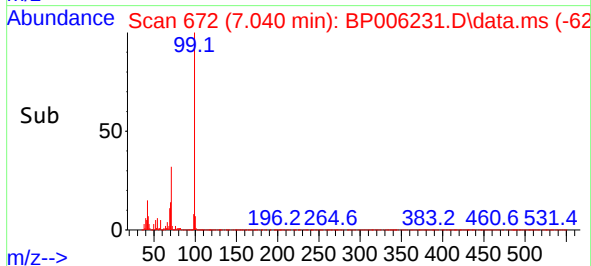
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



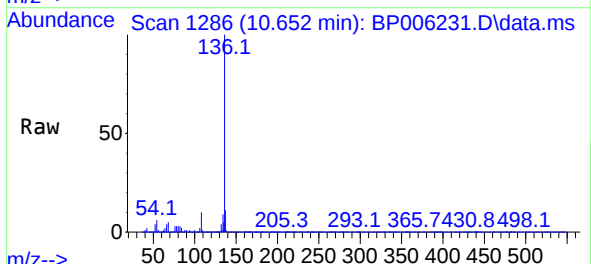
Tgt Ion: 99 Resp: 934200
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 31.9 30.6 46.0

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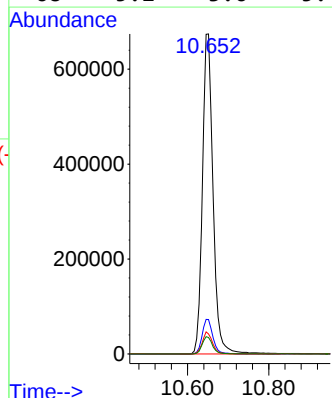
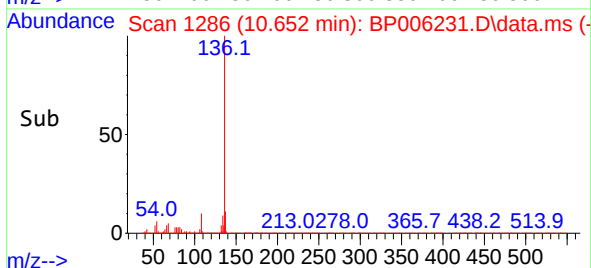
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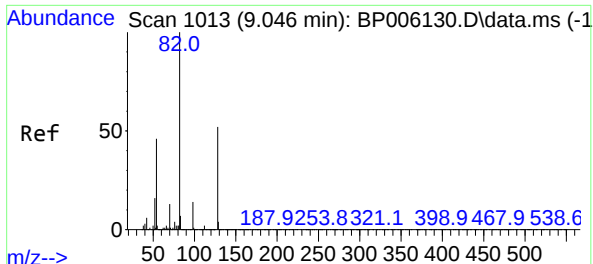


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



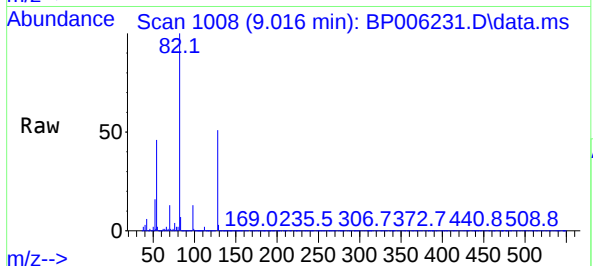
Tgt Ion: 136 Resp: 1228215
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.3 4.6 6.8
68 5.2 3.6 5.4





#23
Nitrobenzene-d5
Concen: 61.558 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

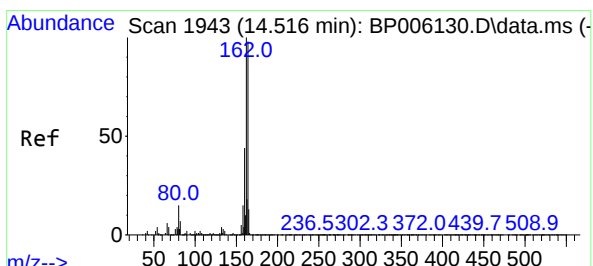
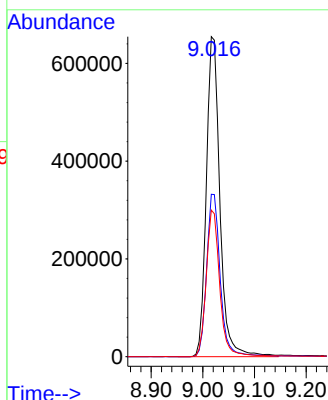
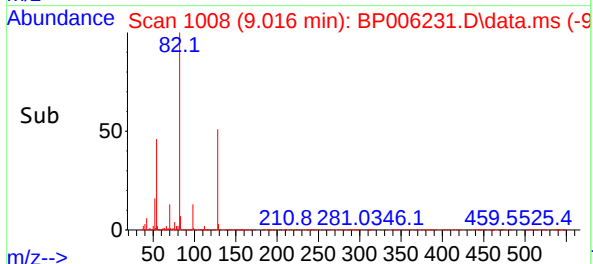
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



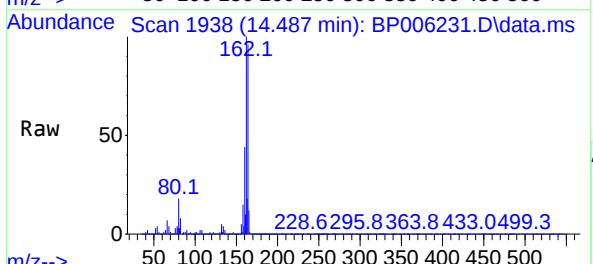
Tgt Ion: 82 Resp: 1196971
Ion Ratio Lower Upper
82 100
128 50.7 35.7 53.5
54 45.8 35.0 52.4

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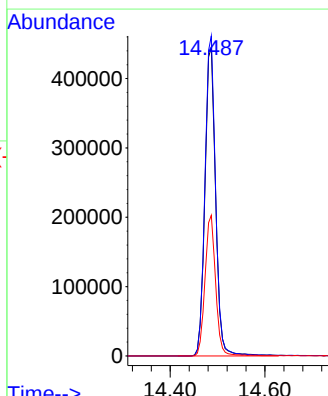
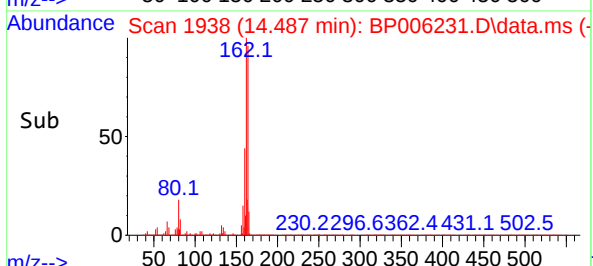
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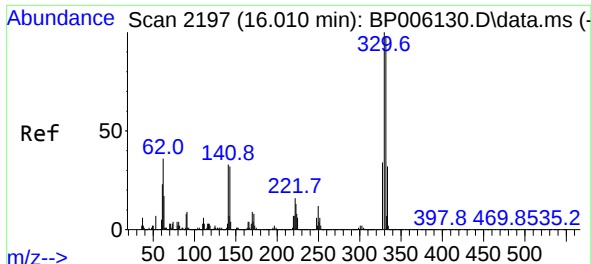


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



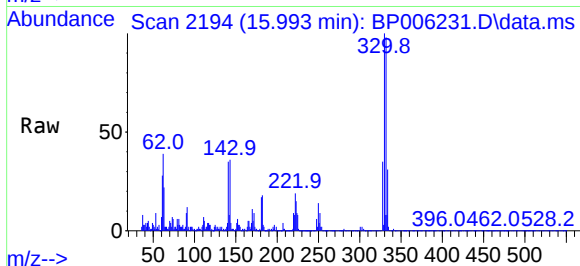
Tgt Ion: 164 Resp: 697257
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 45.6 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 6.108 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

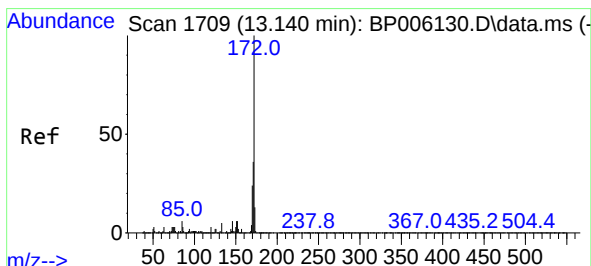
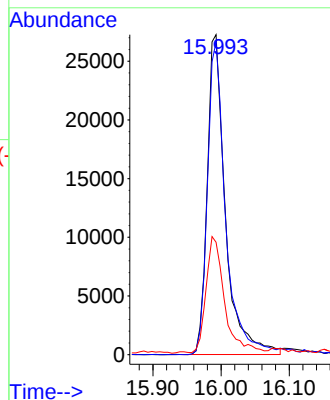
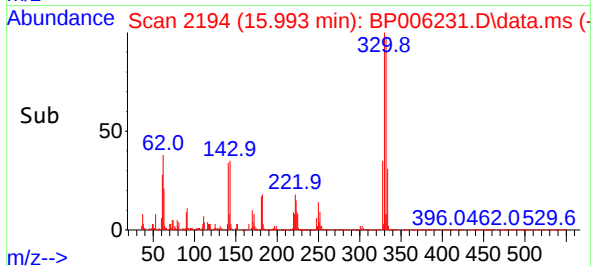
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



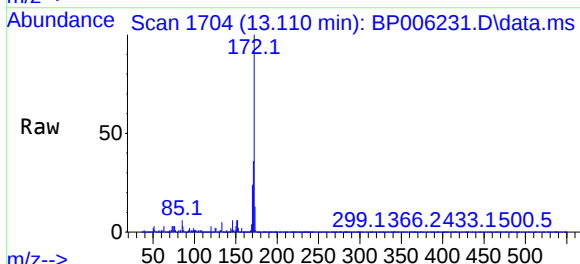
Tgt Ion:330 Resp: 50701
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 36.5 25.4 38.2

Manual Integrations
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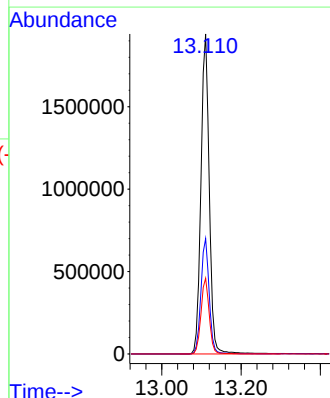
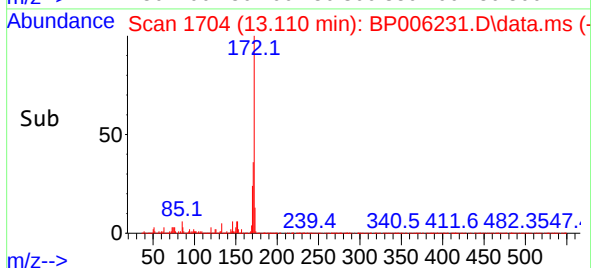
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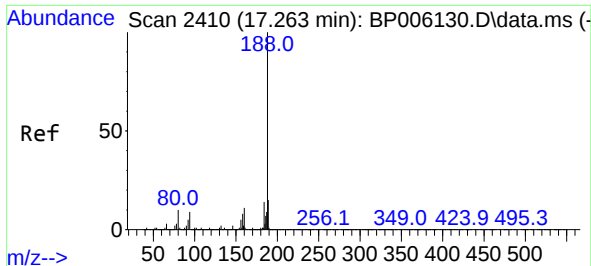


#45
2-Fluorobiphenyl
Concen: 59.920 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



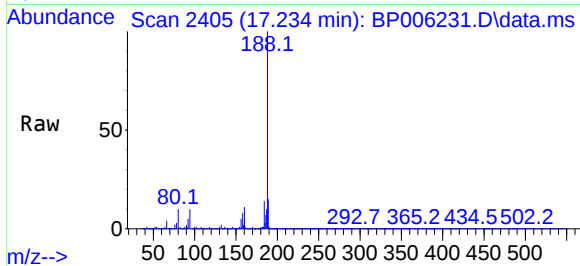
Tgt Ion:172 Resp: 2826110
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

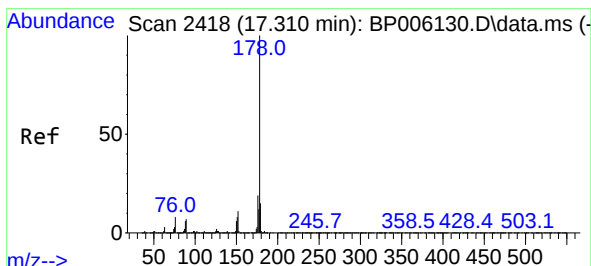
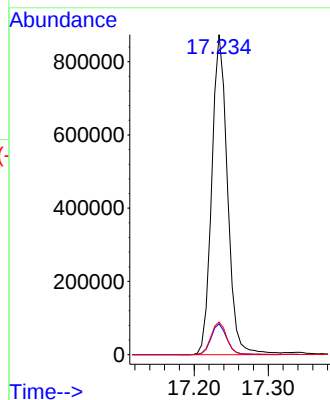
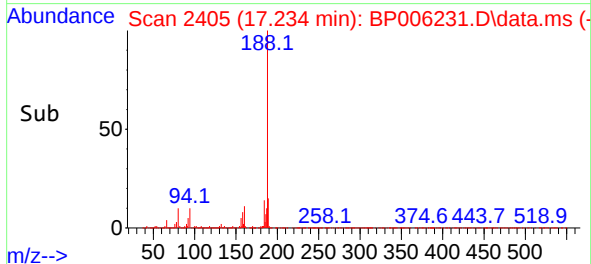
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BNA_P
ClientSampleId :
ABN-JG-2



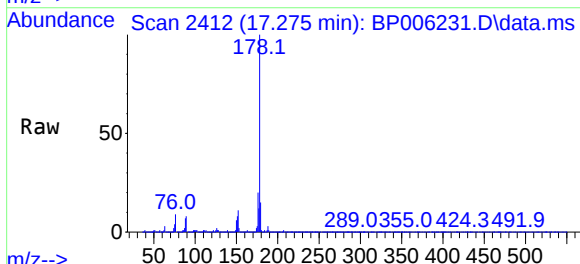
Tgt Ion:188 Resp: 1287808
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.2 6.3 9.5#

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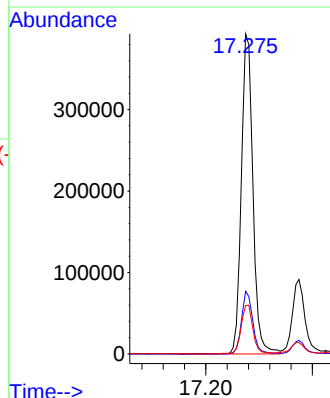
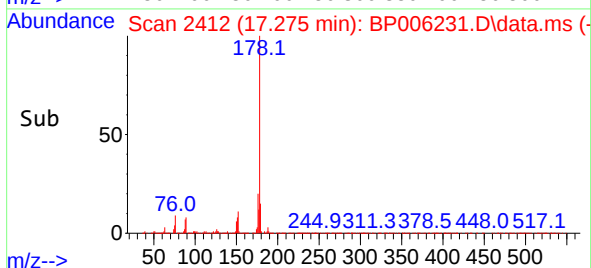
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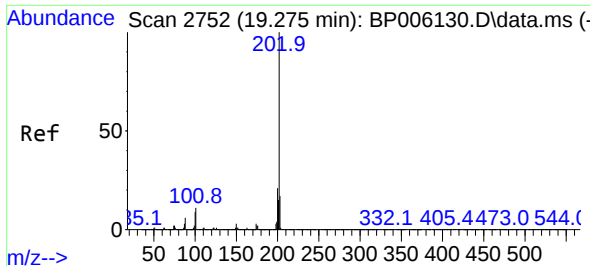


#71
Phenanthrene
Concen: 8.134 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



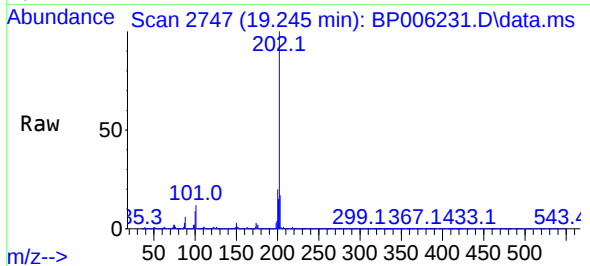
Tgt Ion:178 Resp: 591588
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 14.342 ng
RT: 19.245 min Scan# 2747
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

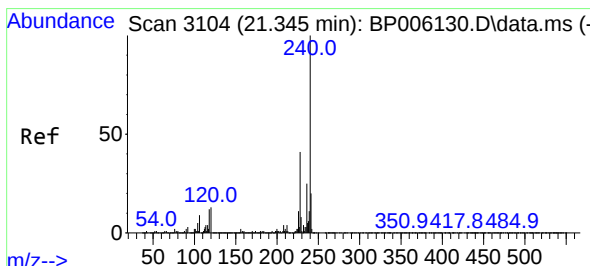
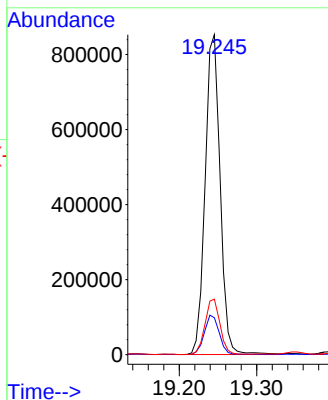
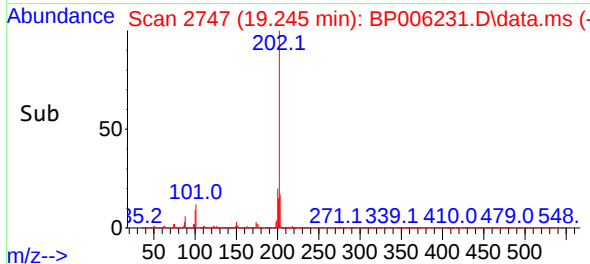
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BNA_P
ClientSampleId :
ABN-JG-2



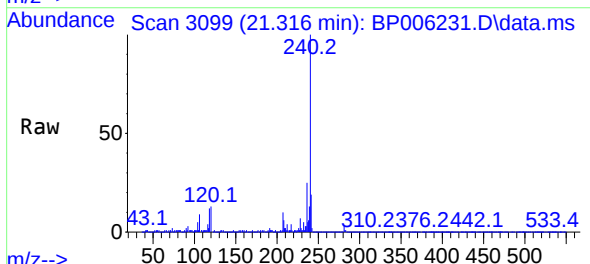
Tgt Ion:202 Resp: 1143216
Ion Ratio Lower Upper
202 100
101 11.6 0.0 27.6
203 17.4 0.0 37.8

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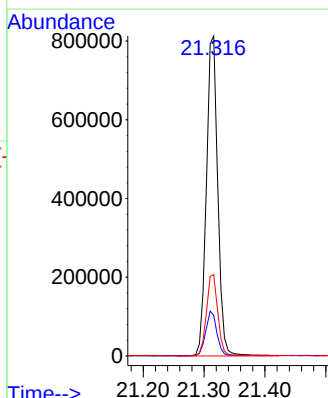
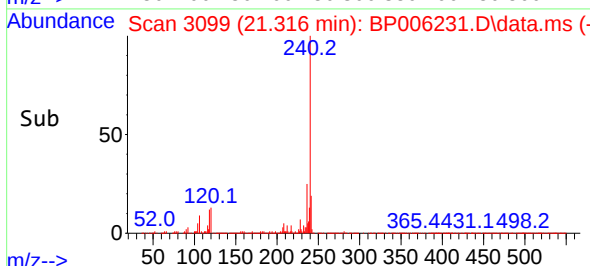
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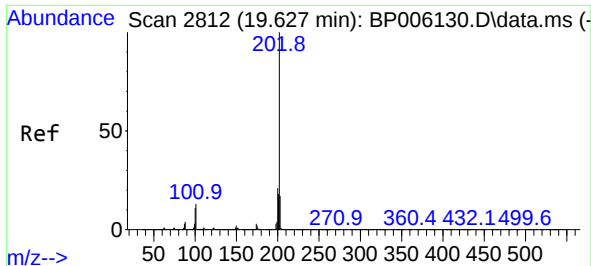


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



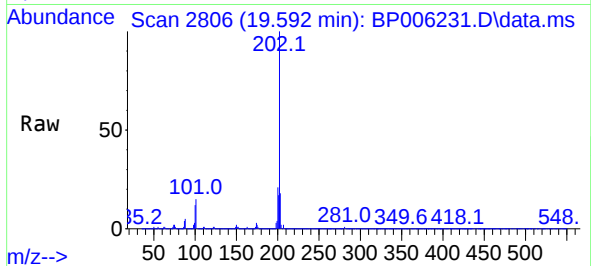
Tgt Ion:240 Resp: 1055972
Ion Ratio Lower Upper
240 100
120 12.7 6.5 9.7#
236 25.4 20.6 31.0





#78
Pyrene
Concen: 14.689 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

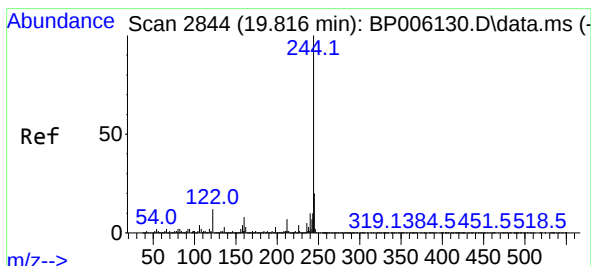
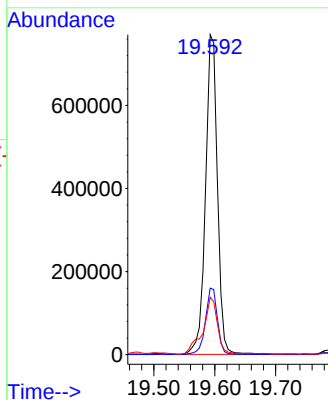
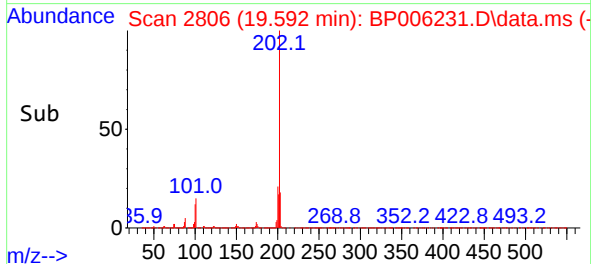
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



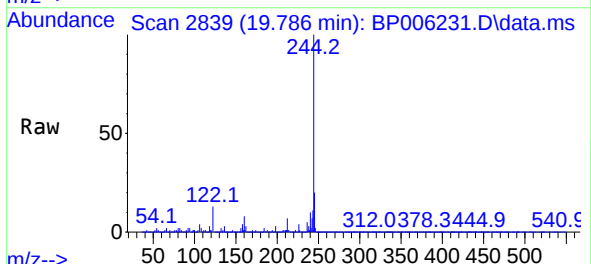
Tgt Ion:202 Resp: 1048412
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.9 14.2 21.2

Manual Integrations
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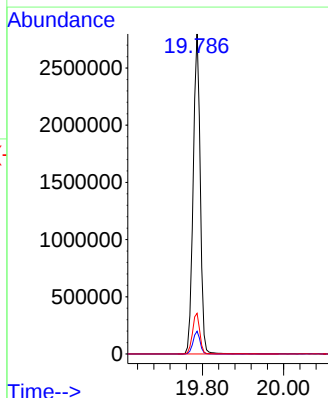
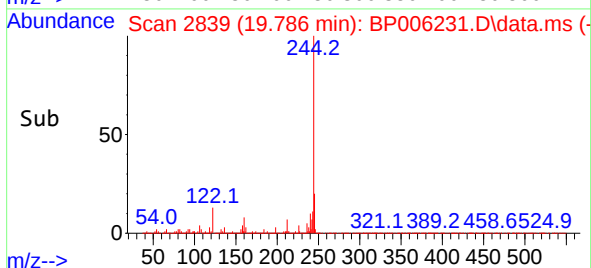
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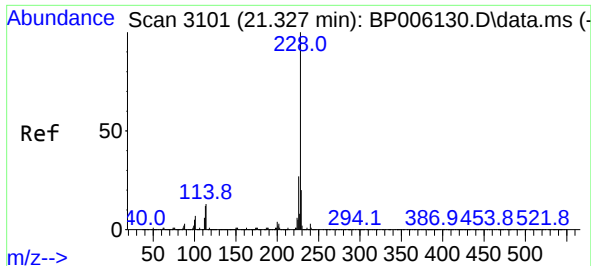


#79
Terphenyl-d14
Concen: 63.687 ng
RT: 19.786 min Scan# 2839
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



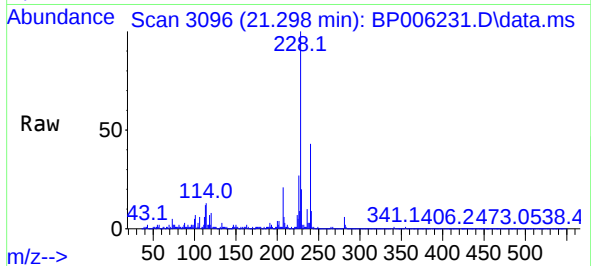
Tgt Ion:244 Resp: 3410962
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.7 7.1 10.7#





#81
Benzo(a)anthracene
Concen: 7.220 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

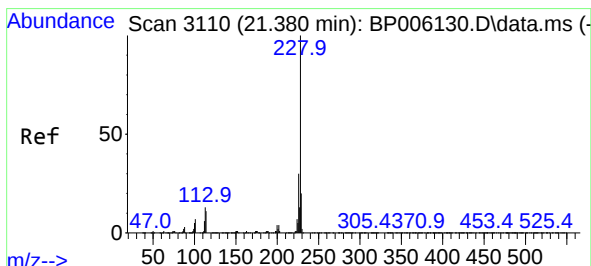
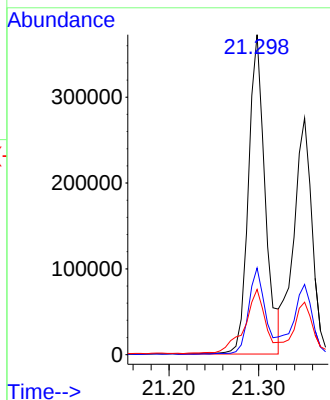
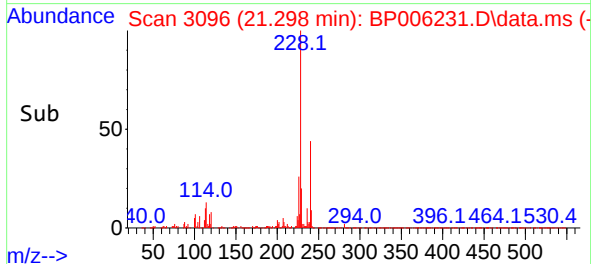
Instrument :
BNA_P
ClientSampled :
ABN-JG-2



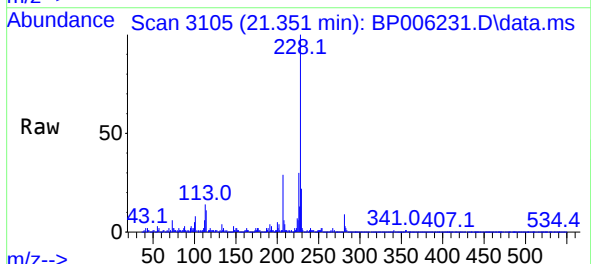
Tgt Ion:228 Resp: 482208
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.4 15.8 23.6

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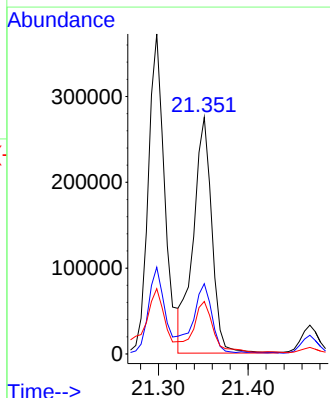
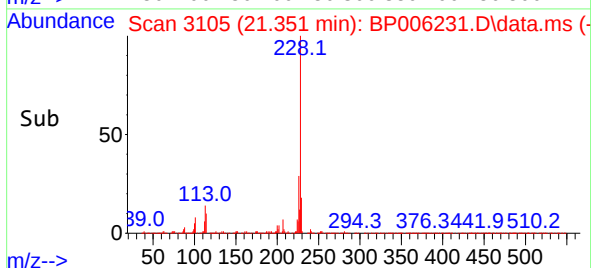
mohammad
7/15/2021 11:33:26 AM

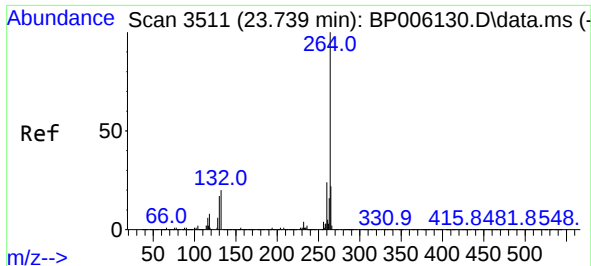


#83
Chrysene
Concen: 6.023 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



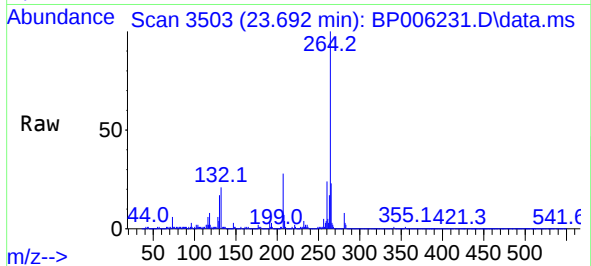
Tgt Ion:228 Resp: 397507
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 22.2 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.023 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

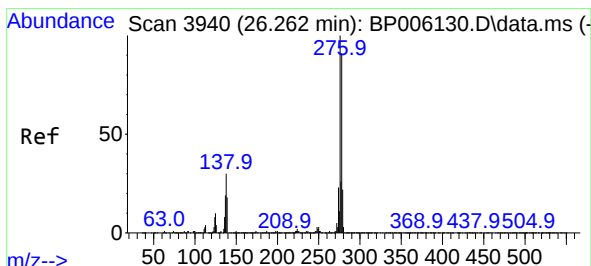
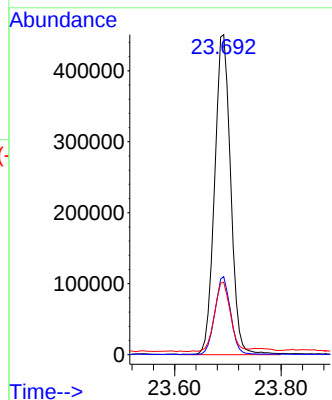
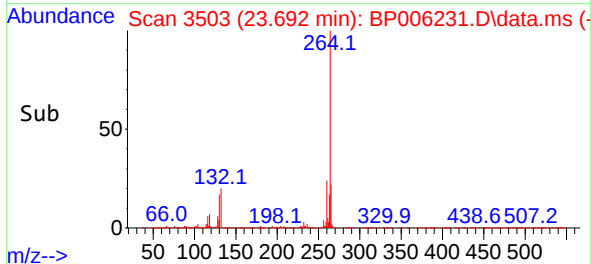
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



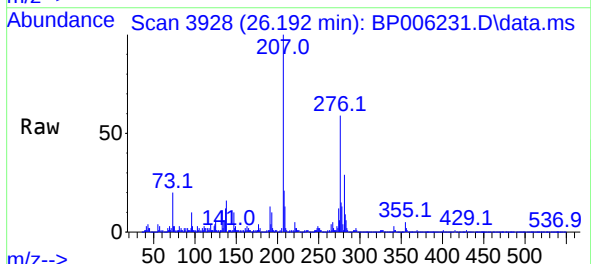
Tgt Ion:264 Resp: 943435
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.6 17.6 26.4

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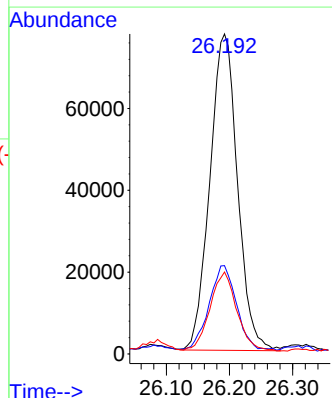
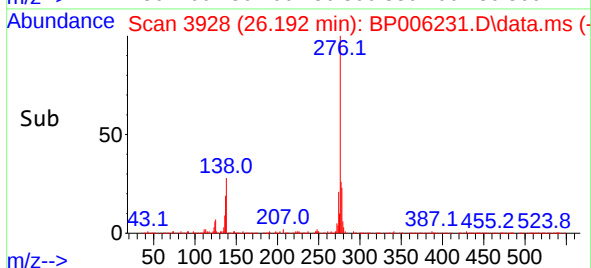
mohammad
7/15/2021 11:33:26 AM

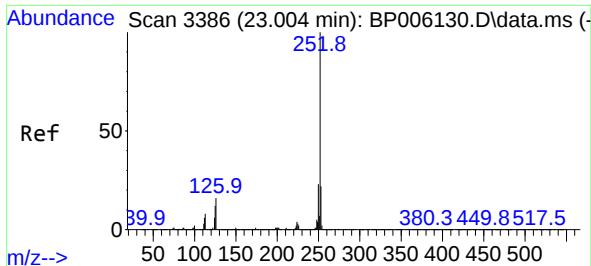


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.385 ng
RT: 26.192 min Scan# 3928
Delta R.T. -0.041 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



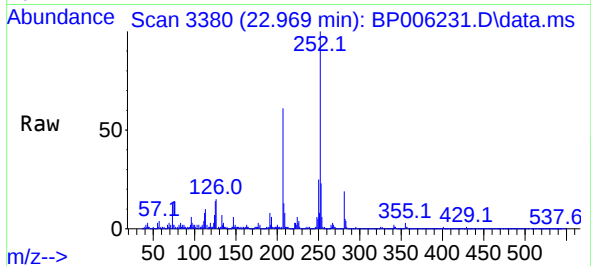
Tgt Ion:276 Resp: 235471
Ion Ratio Lower Upper
276 100
138 26.4 15.3 22.9#
277 24.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 8.595 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

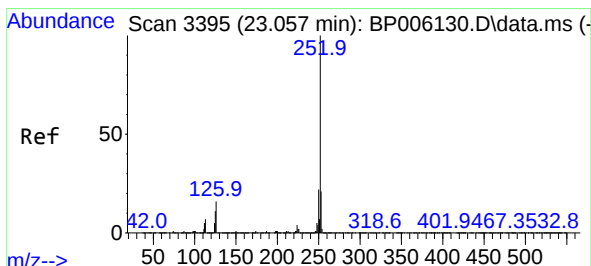
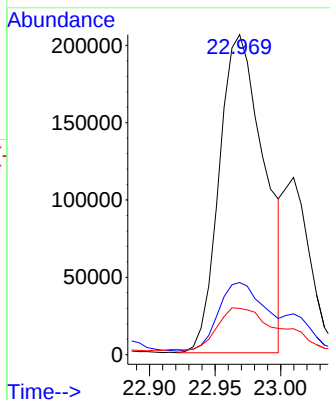
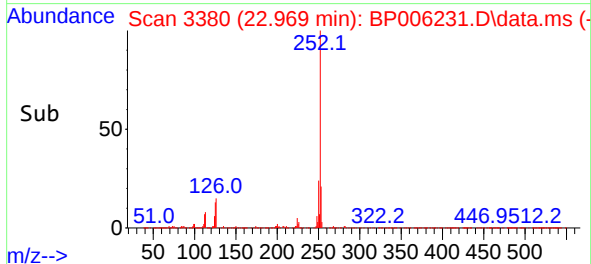
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



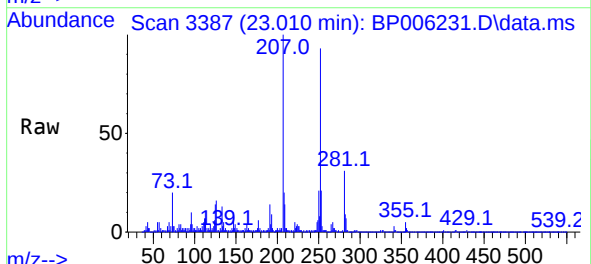
Tgt Ion:252 Resp: 491884
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 14.5 6.2 9.4#

Manual Integrations
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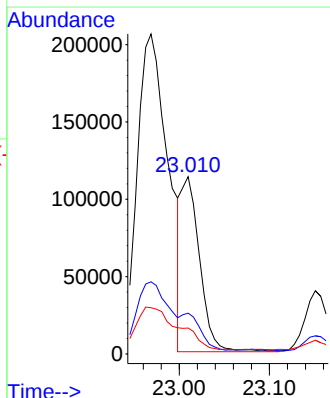
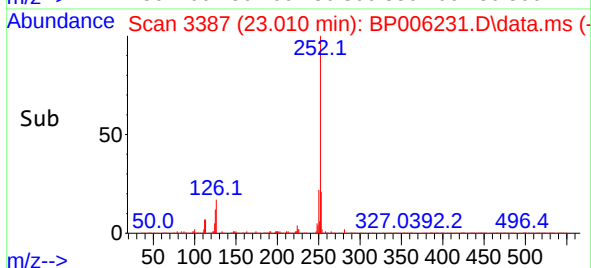
mohammad
7/15/2021 11:33:26 AM

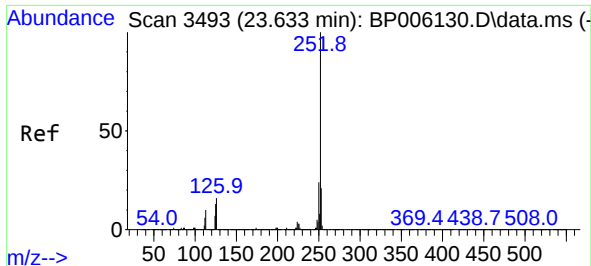


#89
Benzo(k)fluoranthene
Concen: 2.881 ng m
RT: 23.010 min Scan# 3387
Delta R.T. -0.023 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25



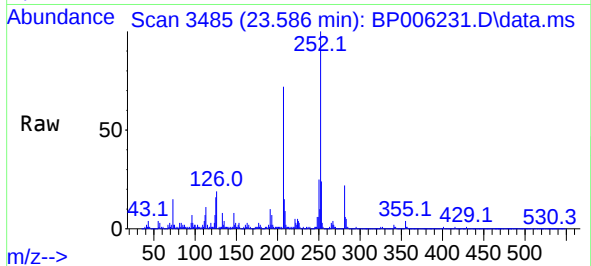
Tgt Ion:252 Resp: 161131
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 14.6 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 6.493 ng
RT: 23.586 min Scan# 3485
Delta R.T. -0.023 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

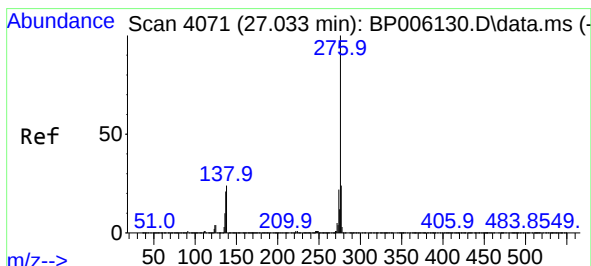
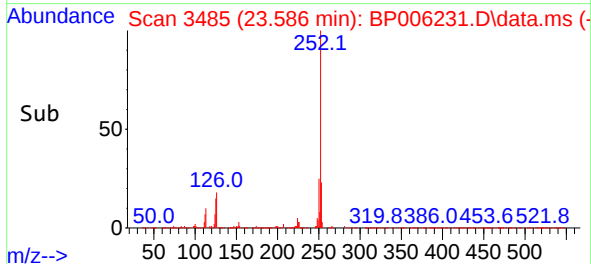
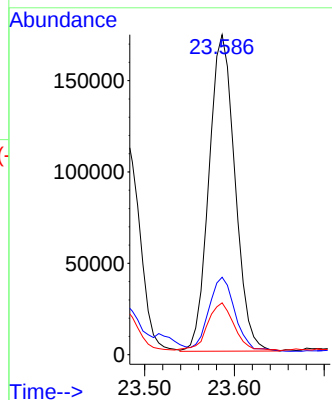
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2



Tgt Ion:252 Resp: 348685
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 16.2 6.5 9.7#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.001 ng
RT: 26.957 min Scan# 4058
Delta R.T. -0.047 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:276 Resp: 235856
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 23.9 12.6 18.8#

