

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054829.D
 Acq On : 1 Sep 2022 19:44
 Operator : CG/JU
 Sample : N4439-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-01-0-20

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 02:56:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	51954	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	218700	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	137693	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	278113	20.000	ng	0.00
76) Chrysene-d12	21.825	240	257992	20.000	ng	0.00
86) Perylene-d12	25.198	264	279184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	347848	116.589	ng	0.00
7) Phenol-d6	7.301	99	472427	115.785	ng	0.00
23) Nitrobenzene-d5	9.322	82	286341	68.733	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	186484	108.385	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	631410	68.923	ng	0.00
79) Terphenyl-d14	20.127	244	826050	63.441	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.026	128	33065	2.818	ng	97
37) 2-Methylnaphthalene	12.618	142	19061	2.318	ng	100
38) 1-Methylnaphthalene	12.836	142	16010m	2.001	ng	
50) Dimethylphthalate	14.222	163	30066	2.834	ng	98
52) Acenaphthene	14.845	154	24142	2.933	ng	99
58) Fluorene	15.826	166	26462	2.597	ng	98
71) Phenanthrene	17.571	178	237352	16.021	ng	100
72) Anthracene	17.660	178	61578	4.275	ng	97
75) Fluoranthene	19.575	202	429225	23.816	ng	99
78) Pyrene	19.939	202	519975	28.904	ng	99
81) Benzo(a)anthracene	21.802	228	239518	13.693	ng	97
83) Chrysene	21.872	228	246656	14.747	ng	98
87) Indeno(1,2,3-cd)pyrene	29.070	276	115012	5.426	ng	99
88) Benzo(b)fluoranthene	24.123	252	277852	15.865	ng	97
89) Benzo(k)fluoranthene	24.181	252	80342m	4.558	ng	
90) Benzo(a)pyrene	25.039	252	206439	13.797	ng	99
92) Benzo(g,h,i)perylene	30.298	276	124573	7.141	ng	99

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

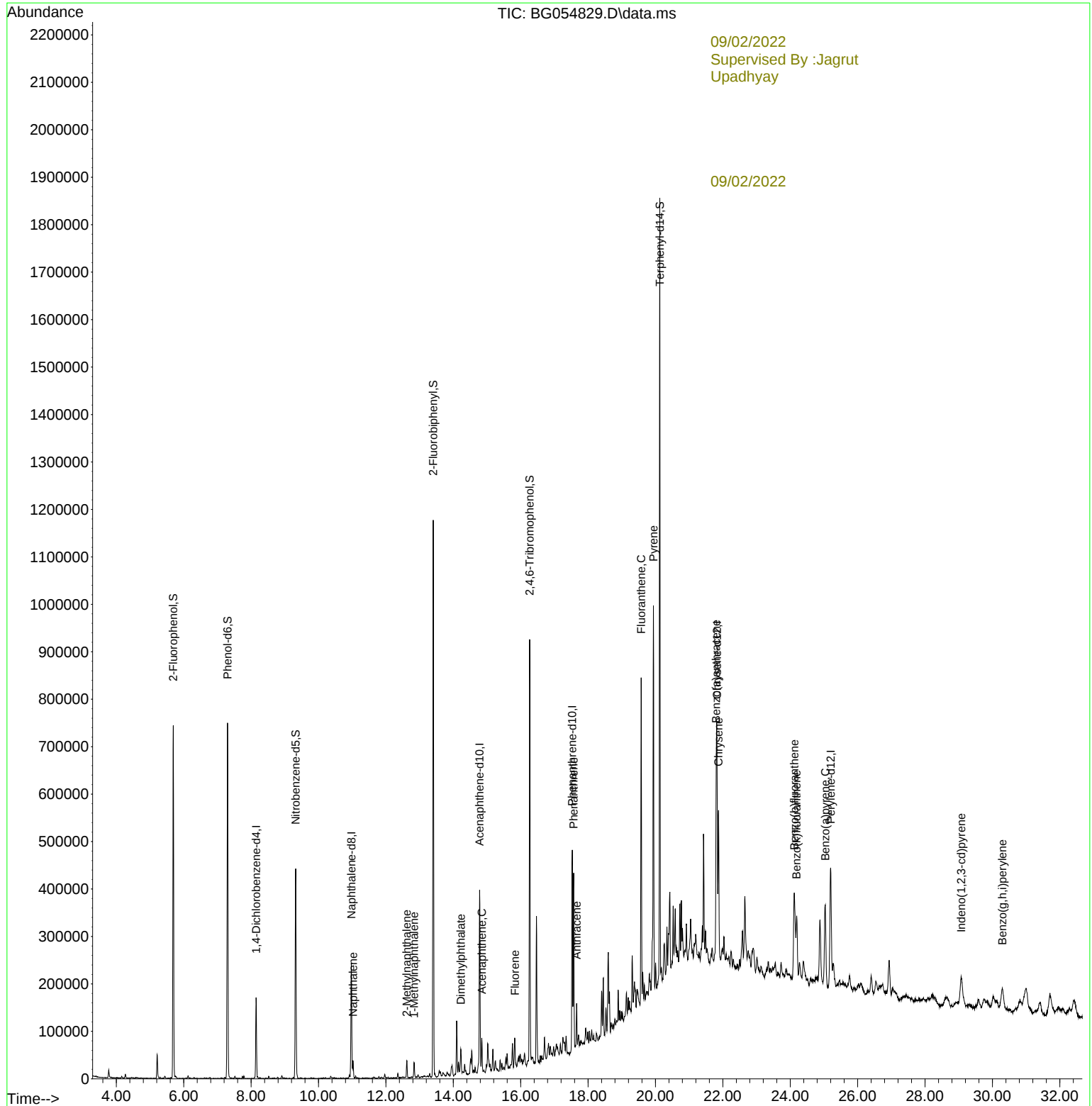
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054829.D
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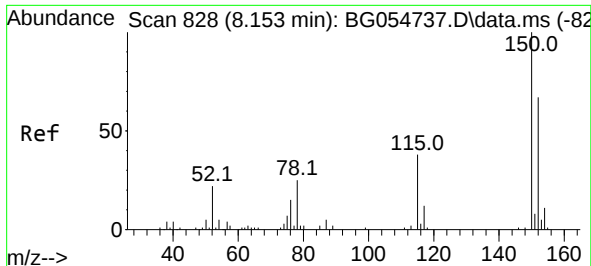
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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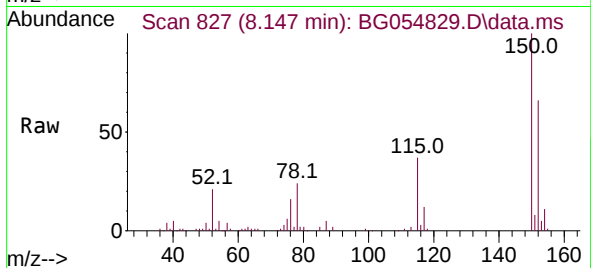
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Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

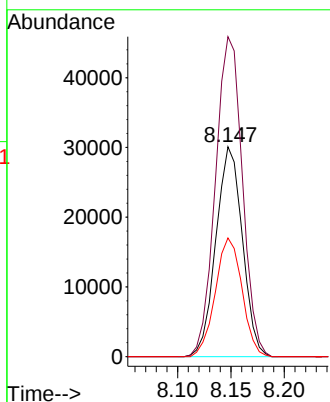
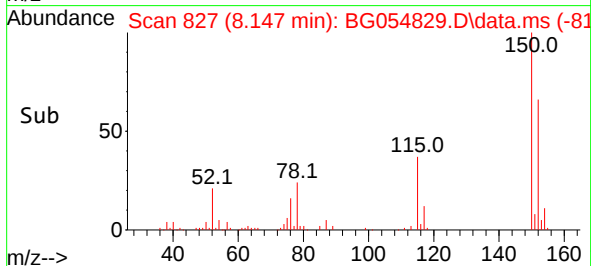
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:152 Resp: 51954
Ion Ratio Lower Upper
152 100
150 152.4 125.2 187.8
115 56.5 47.9 71.9

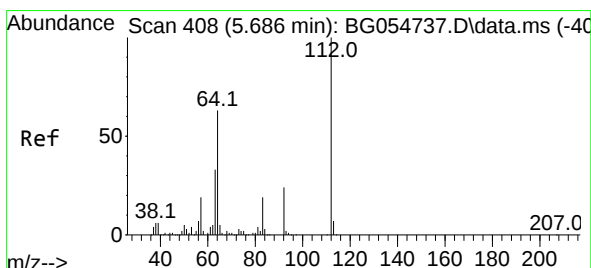
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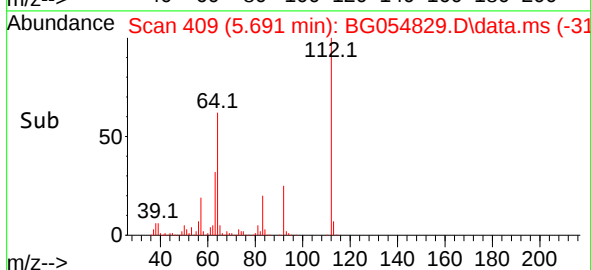
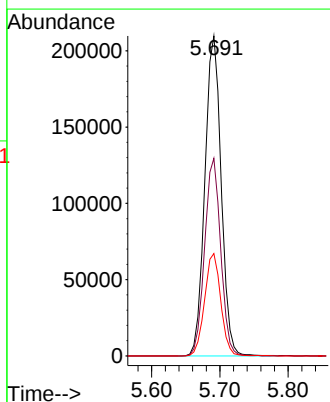
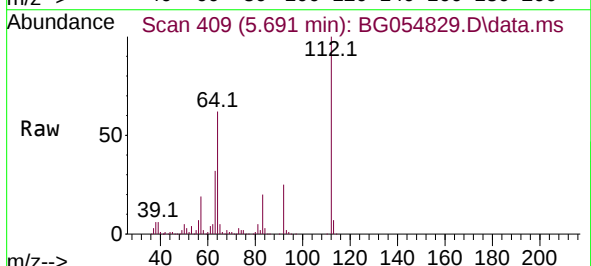
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#5
2-Fluorophenol
Concen: 116.589 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

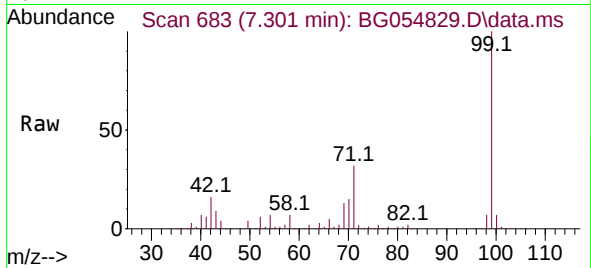
Tgt Ion:112 Resp: 347848
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 32.0 26.3 39.5





#7
Phenol-d6
Concen: 115.785 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

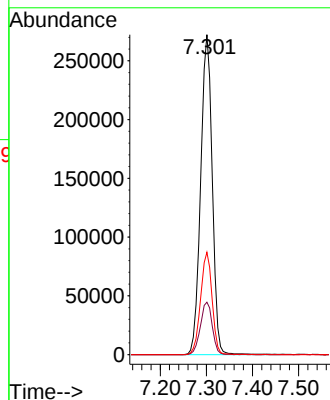
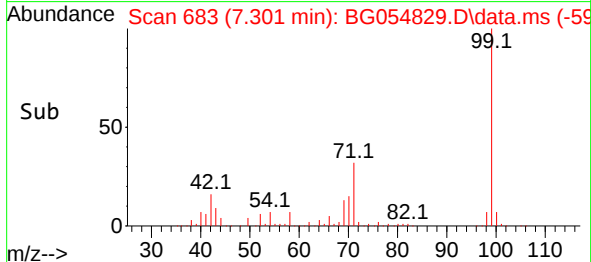
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion: 99 Resp: 472427
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 32.0 24.6 37.0

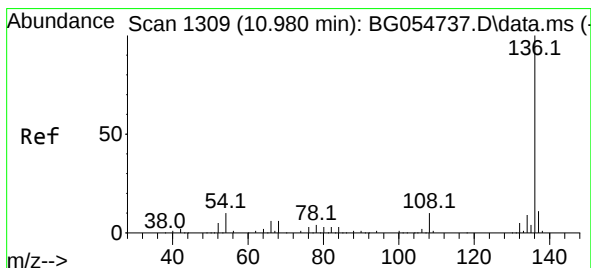
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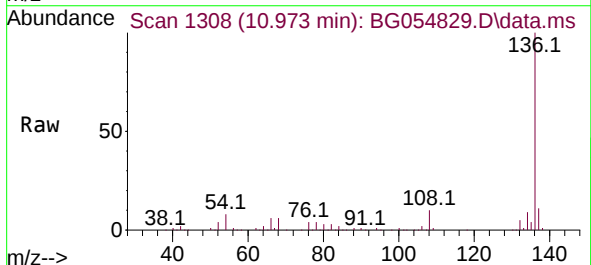


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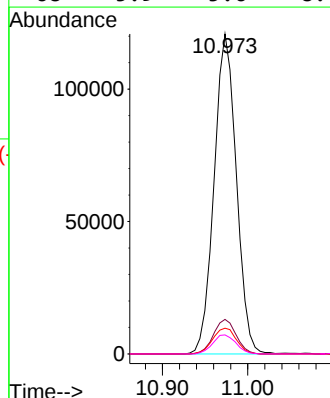
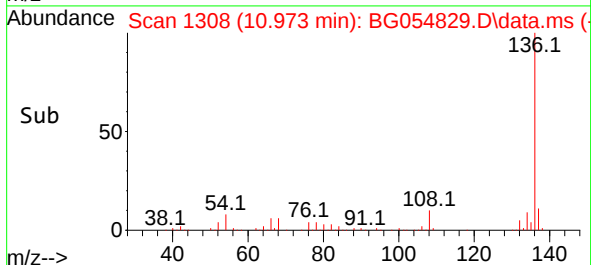
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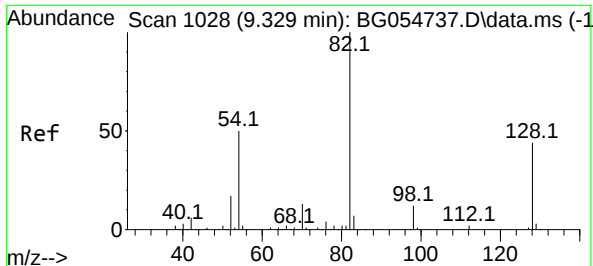


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44



Tgt Ion:136 Resp: 218700
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.0 7.7 11.5
68 5.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 68.733 ng

RT: 9.322 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BG054829.D

Acq: 1 Sep 2022 19:44

Instrument :

BNA_G

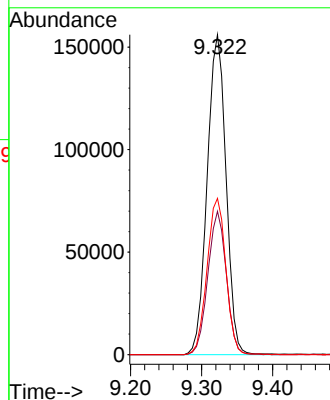
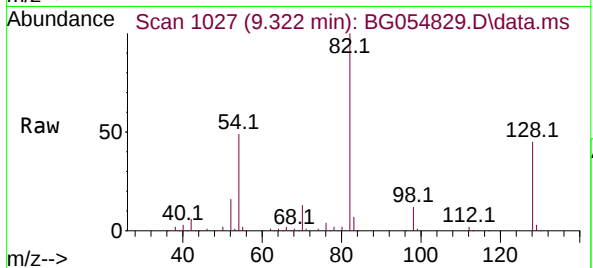
ClientSampleId :

KTS2-MH-01-0-20

Tgt Ion: 82 Resp: 28634
 Ion Ratio Lower Upper
 82 100
 128 44.8 32.2 48.2
 54 48.8 41.4 62.0

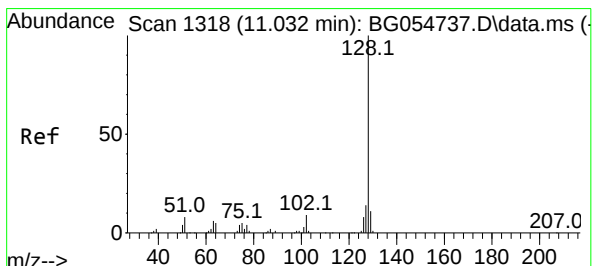
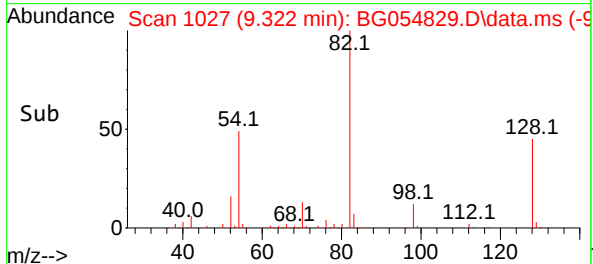
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 Upadhyay

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#31

Naphthalene

Concen: 2.818 ng

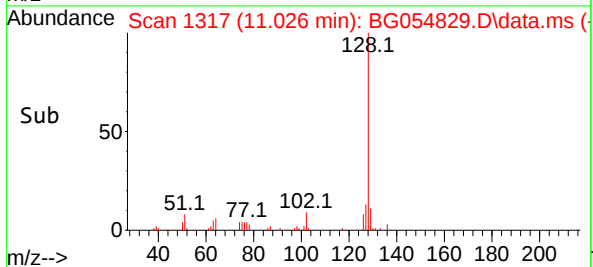
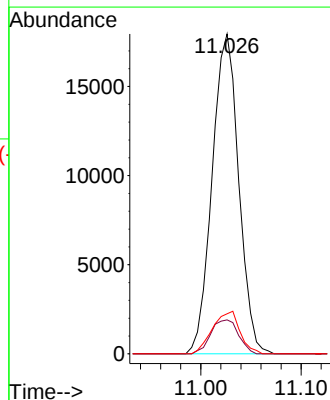
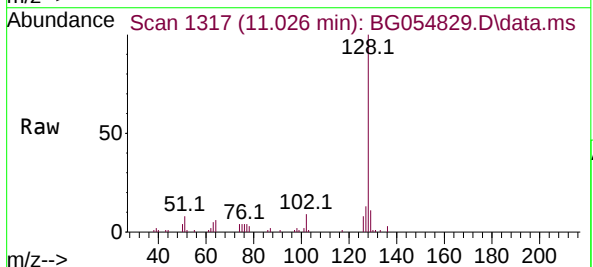
RT: 11.026 min Scan# 1317

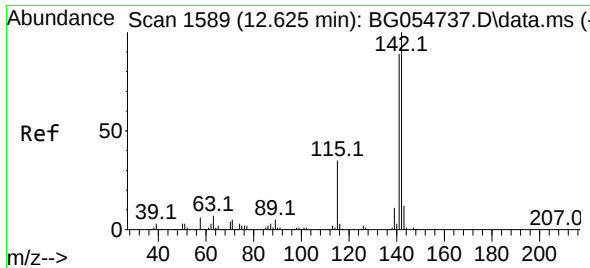
Delta R.T. -0.006 min

Lab File: BG054829.D

Acq: 1 Sep 2022 19:44

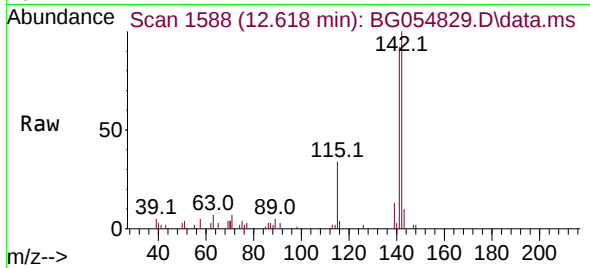
Tgt Ion:128 Resp: 33065
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.4
 127 12.5 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.318 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

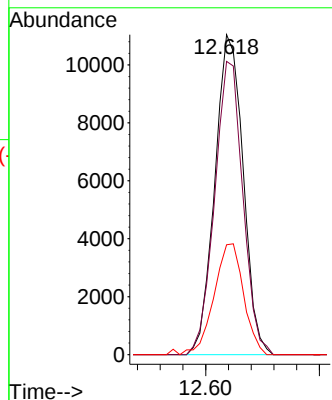
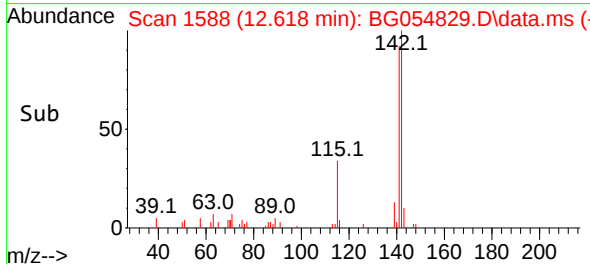
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:142 Resp: 1906
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
115 34.4 27.3 40.9

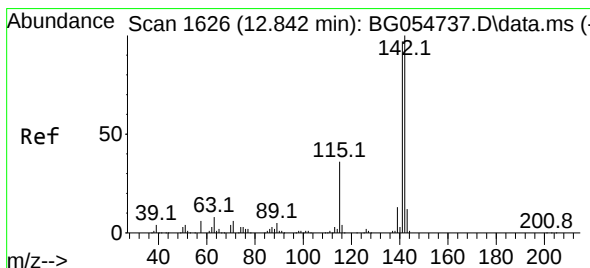
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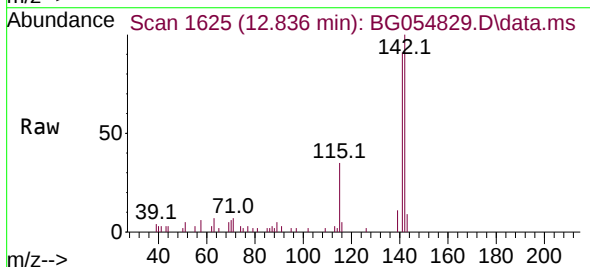


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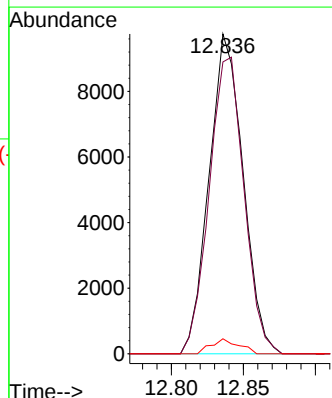
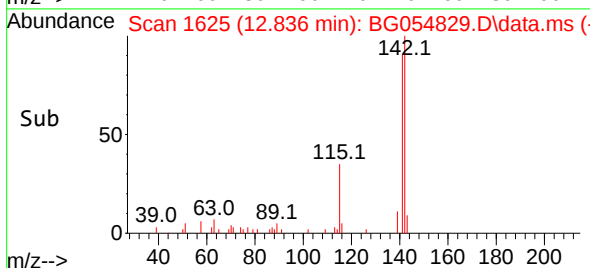
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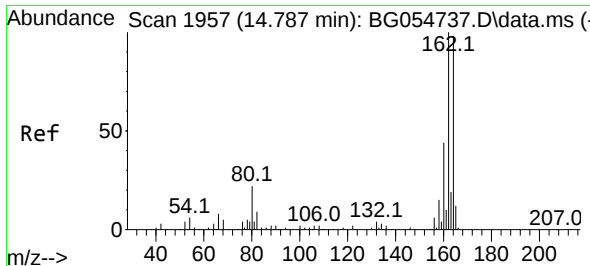


#38
1-Methylnaphthalene
Concen: 2.001 ng m
RT: 12.836 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44



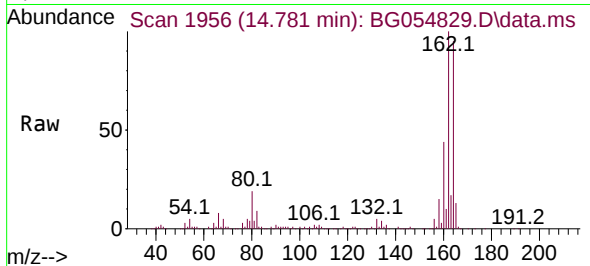
Tgt Ion:142 Resp: 16010
Ion Ratio Lower Upper
142 100
141 91.2 77.4 116.0
116 4.7 3.0 4.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

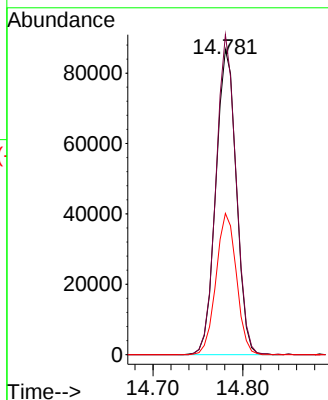
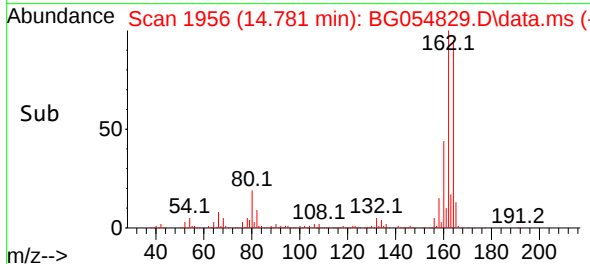
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:164 Resp: 137693
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.3 38.0 57.0

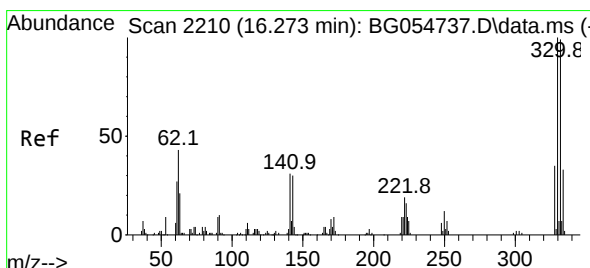
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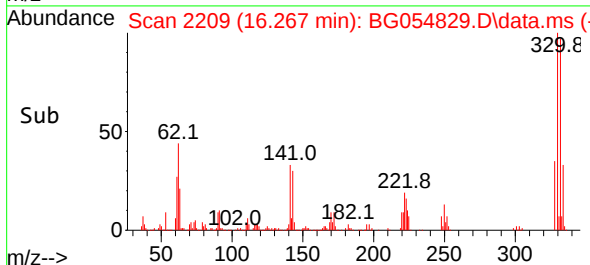
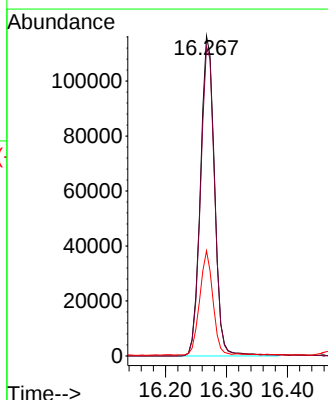
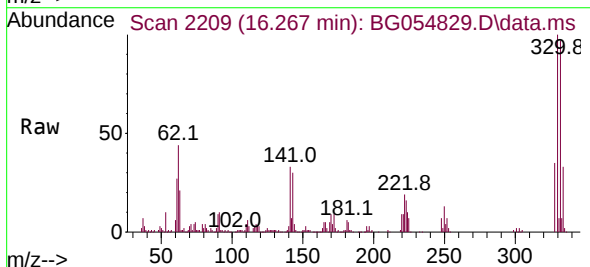
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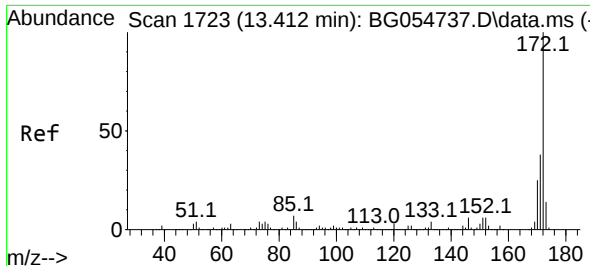
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#42
2,4,6-Tribromophenol
Concen: 108.385 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:330 Resp: 186484
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 30.6 26.8 40.2





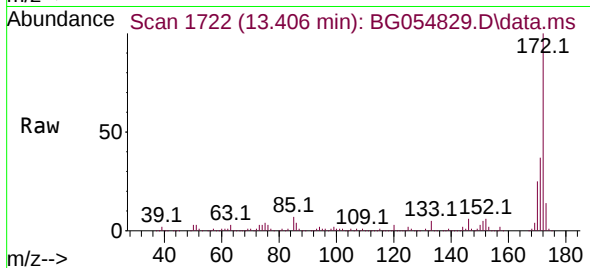
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2-Fluorobiphenyl
Concen: 68.923 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Instrument :

BNA_G

ClientSampleId :

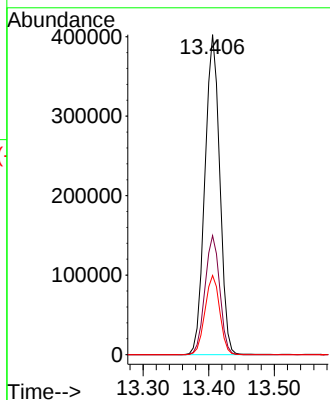
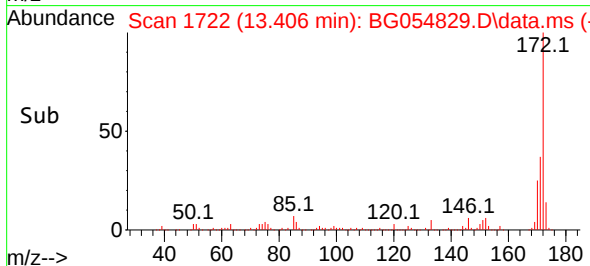
KTS2-MH-01-0-20



Tgt Ion:172 Resp: 631410
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.7 20.6 30.8

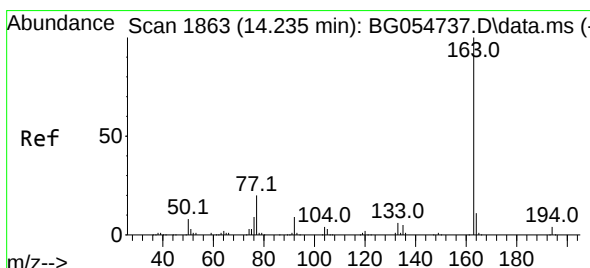
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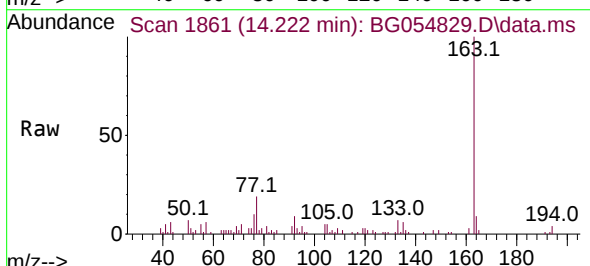


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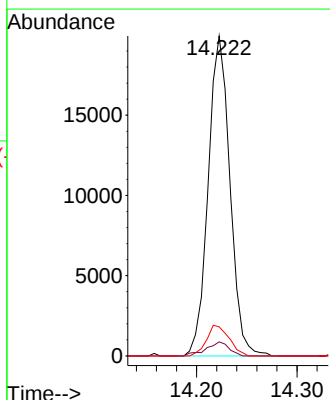
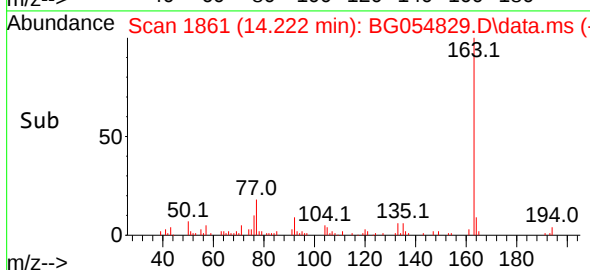
09/02/2022

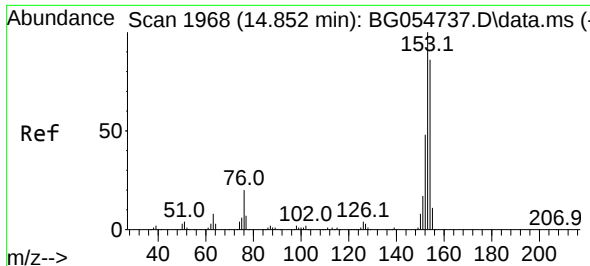


#50
Dimethylphthalate
Concen: 2.834 ng
RT: 14.222 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44



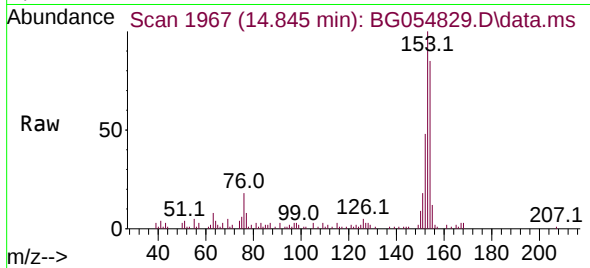
Tgt Ion:163 Resp: 30066
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.1 8.0 12.0





#52
Acenaphthene
Concen: 2.933 ng
RT: 14.845 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

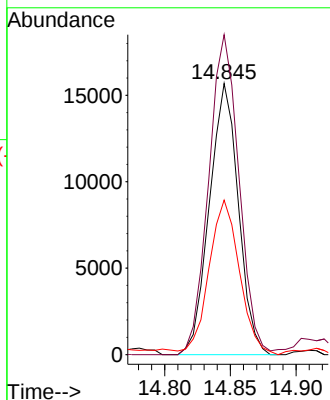
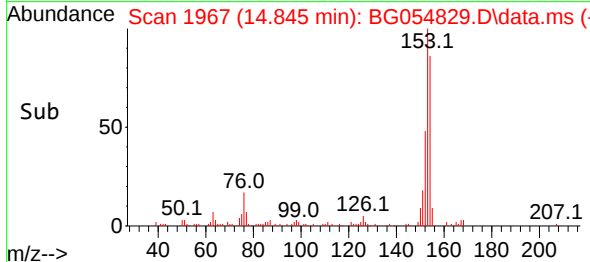
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:154 Resp: 24142
Ion Ratio Lower Upper
154 100
153 118.0 92.8 139.2
152 57.0 45.4 68.2

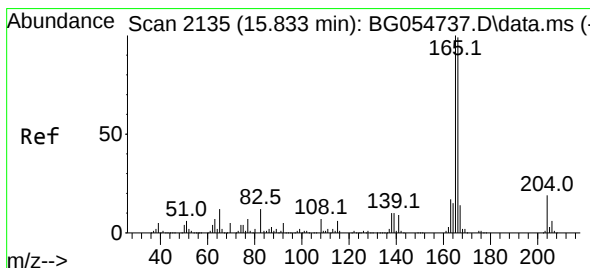
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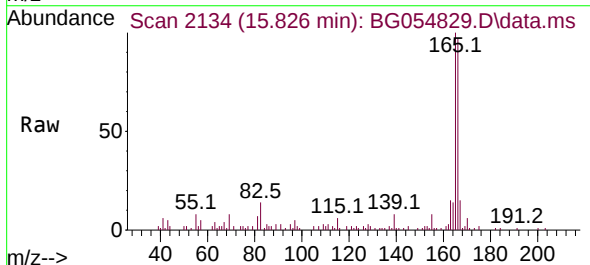


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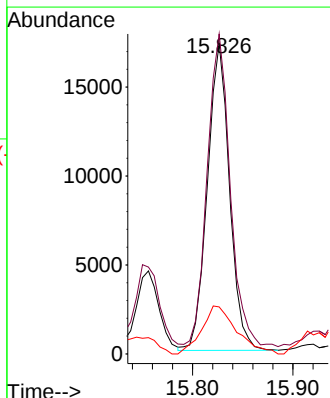
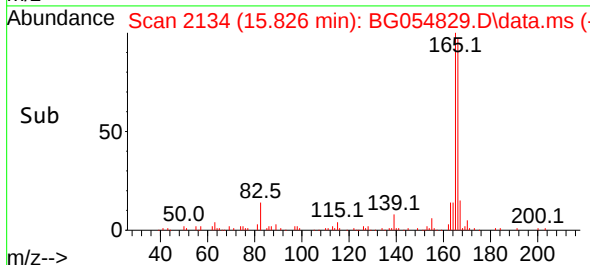
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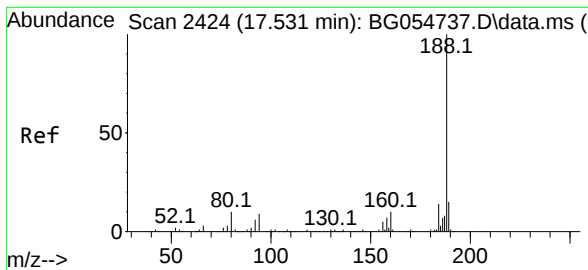


#58
Fluorene
Concen: 2.597 ng
RT: 15.826 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44



Tgt Ion:166 Resp: 26462
Ion Ratio Lower Upper
166 100
165 103.1 80.8 121.2
167 15.1 11.4 17.0





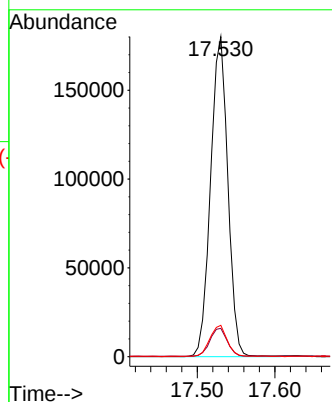
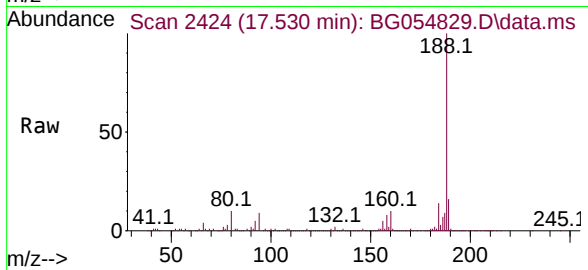
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

Tgt Ion:188 Resp: 278113
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.9 11.9

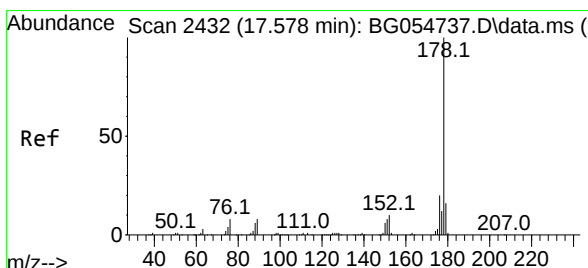
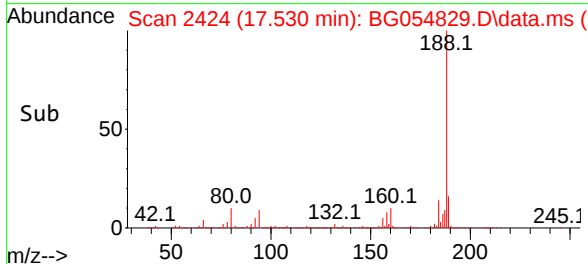
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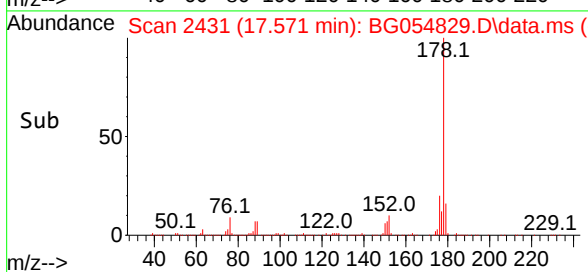
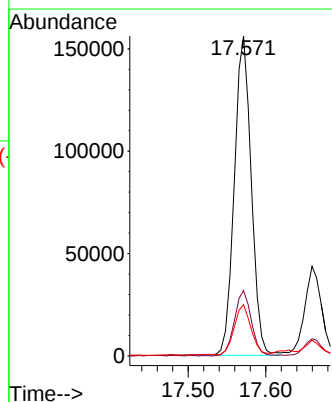
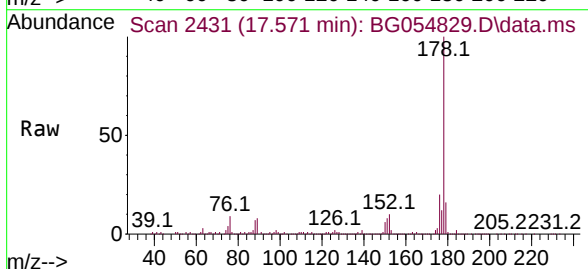
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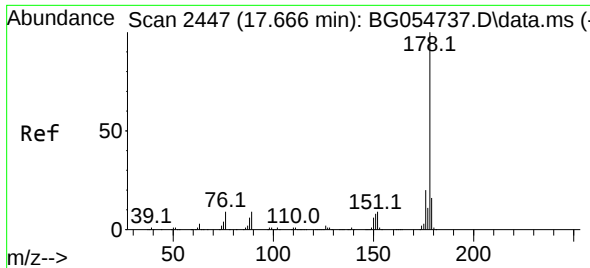
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#71
Phenanthrene
Concen: 16.021 ng
RT: 17.571 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

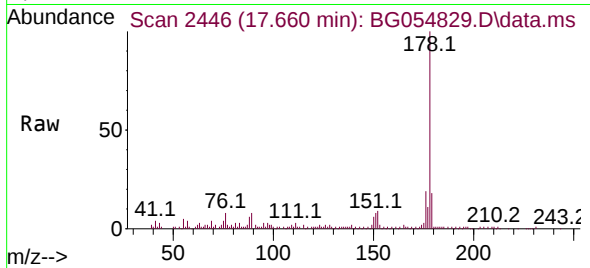
Tgt Ion:178 Resp: 237352
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.0 12.8 19.2





#72
 Anthracene
 Concen: 4.275 ng
 RT: 17.660 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BG054829.D
 Acq: 1 Sep 2022 19:44

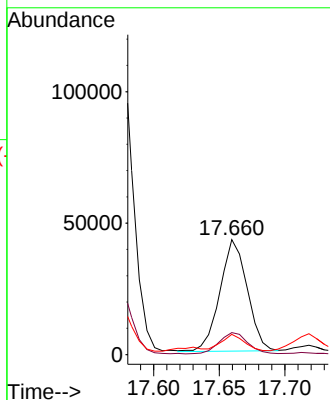
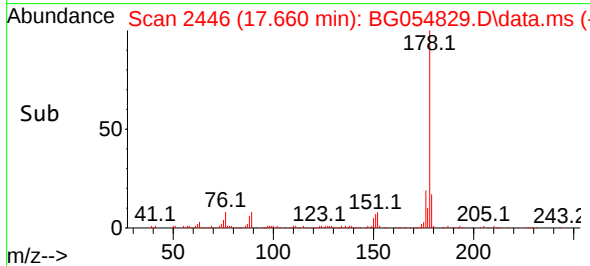
Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-01-0-20



Tgt Ion:178 Resp: 61578
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 17.7 12.9 19.3

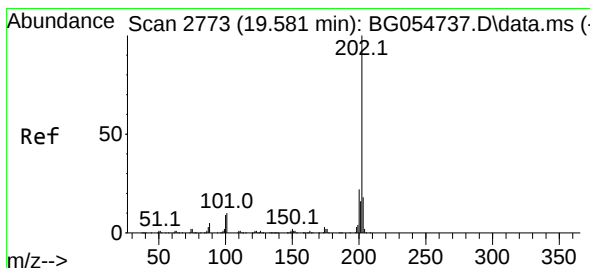
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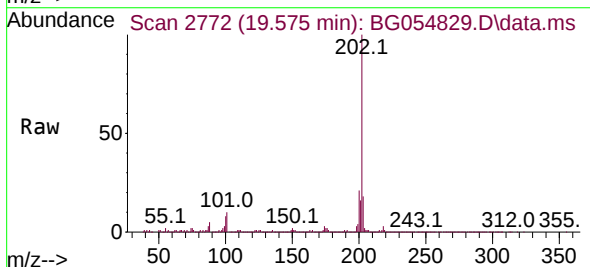


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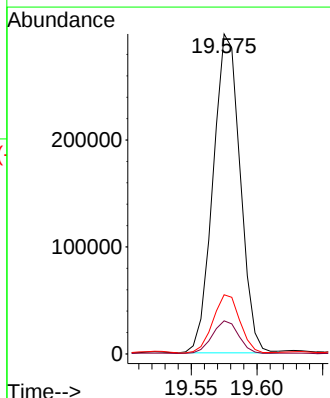
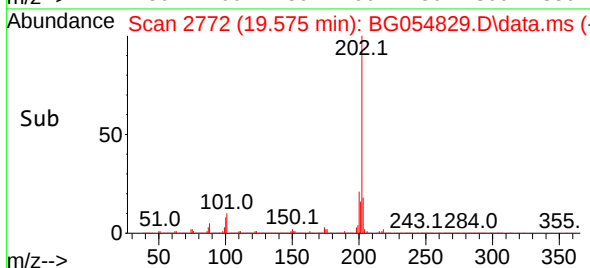
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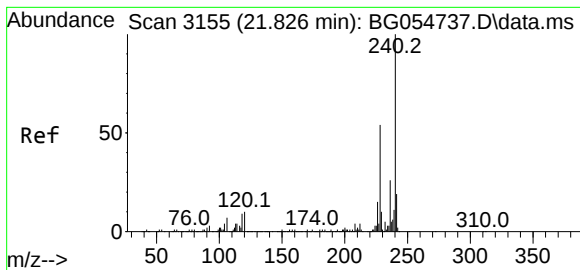


#75
 Fluoranthene
 Concen: 23.816 ng
 RT: 19.575 min Scan# 2772
 Delta R.T. -0.006 min
 Lab File: BG054829.D
 Acq: 1 Sep 2022 19:44



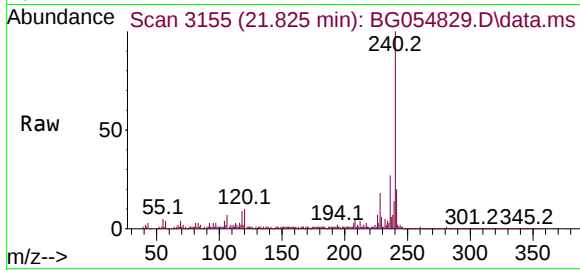
Tgt Ion:202 Resp: 429225
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.4
 203 18.5 0.0 38.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

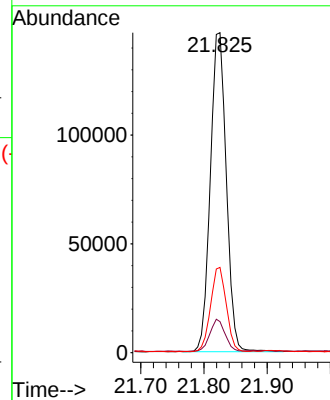
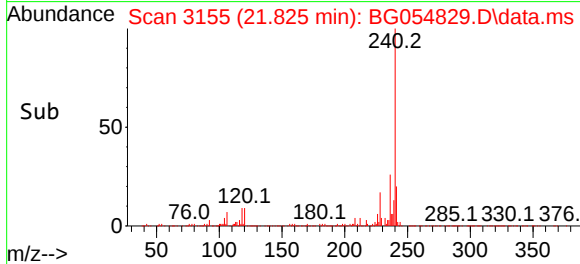
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:240 Resp: 257992
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.4
236 26.6 21.2 31.8

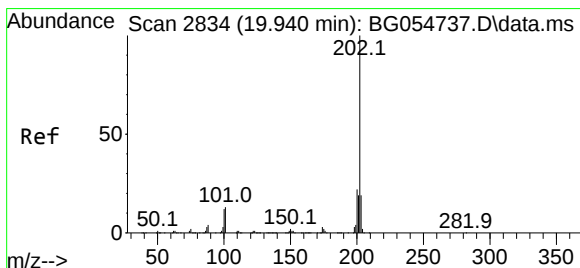
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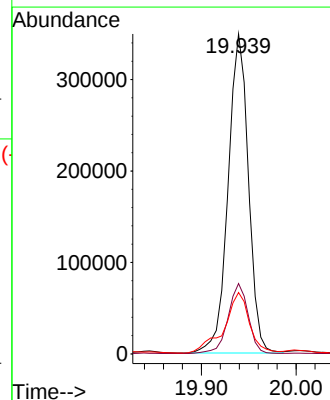
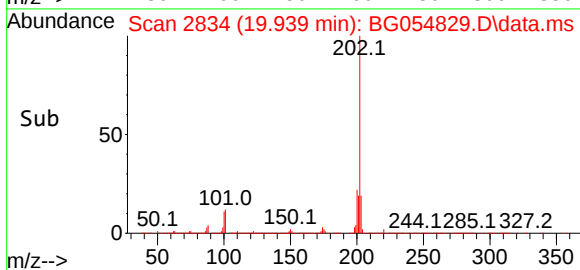
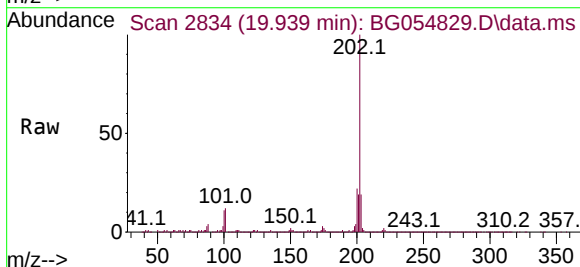
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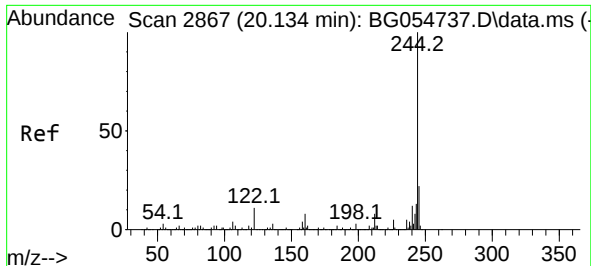
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#78
Pyrene
Concen: 28.904 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

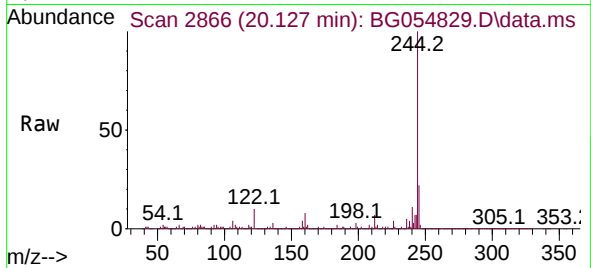
Tgt Ion:202 Resp: 519975
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 19.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 63.441 ng
 RT: 20.127 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054829.D
 Acq: 1 Sep 2022 19:44

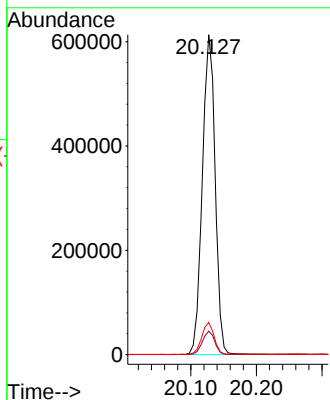
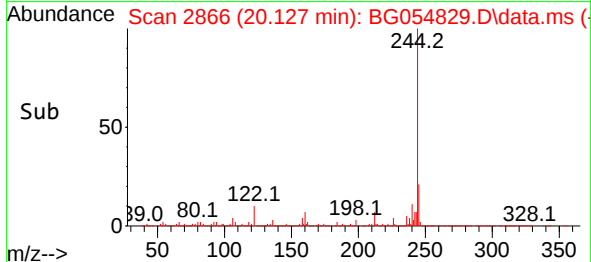
Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-01-0-20



Tgt Ion:244 Resp: 826050
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.0 9.0 13.6

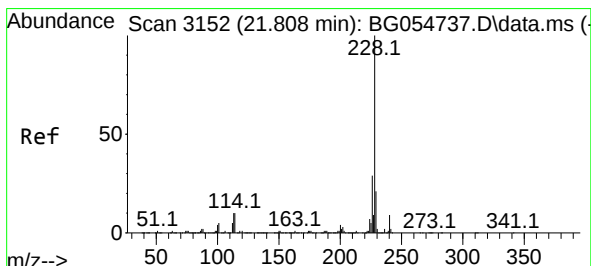
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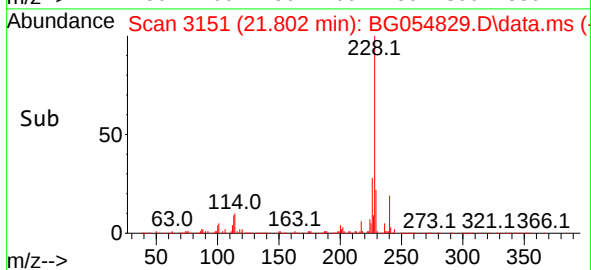
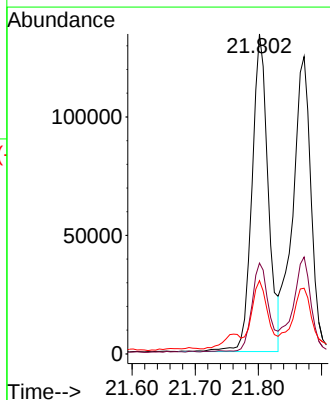
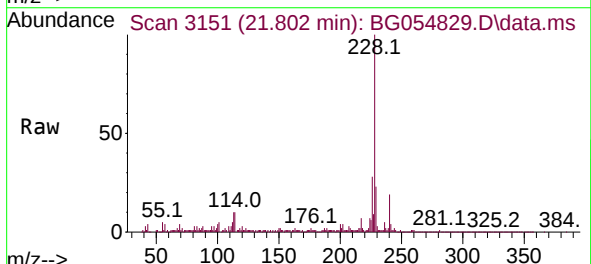
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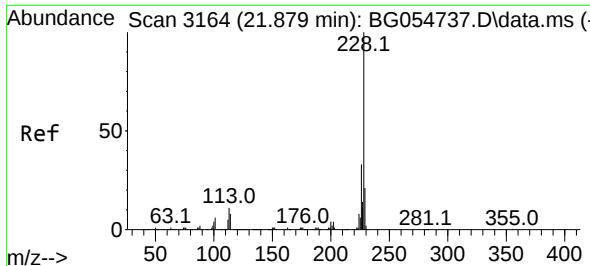
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#81
 Benzo(a)anthracene
 Concen: 13.693 ng
 RT: 21.802 min Scan# 3151
 Delta R.T. -0.006 min
 Lab File: BG054829.D
 Acq: 1 Sep 2022 19:44

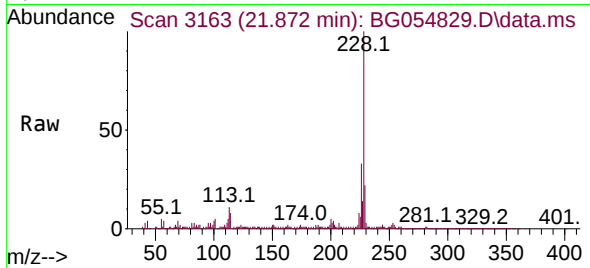
Tgt Ion:228 Resp: 239518
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.4 35.2
 229 22.9 16.5 24.7





#83
Chrysene
Concen: 14.747 ng
RT: 21.872 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

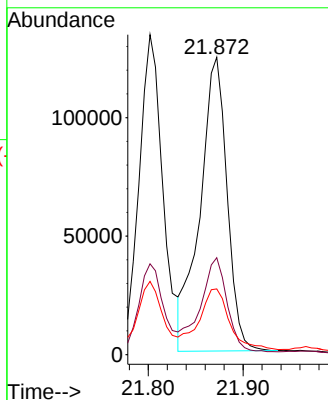
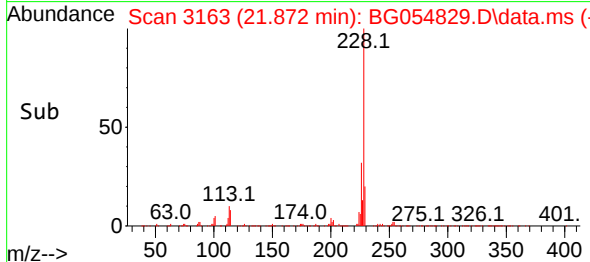
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:228 Resp: 246656
Ion Ratio Lower Upper
228 100
226 32.6 25.5 38.3
229 22.1 16.8 25.2

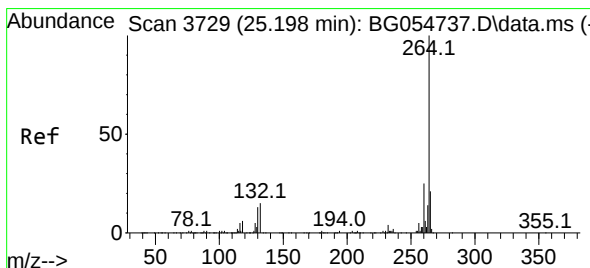
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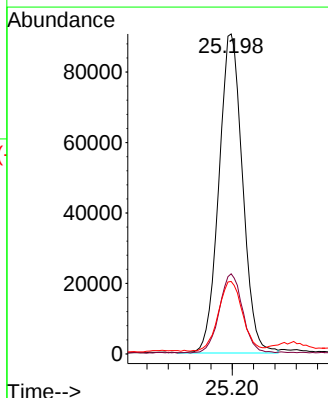
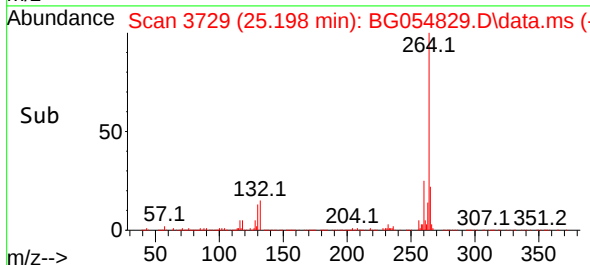
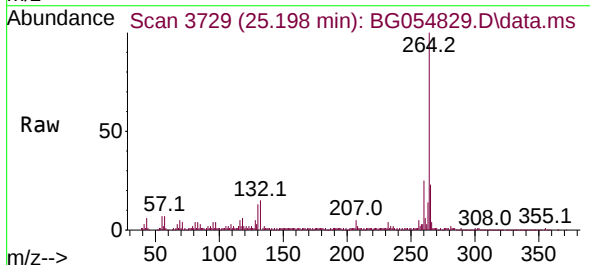
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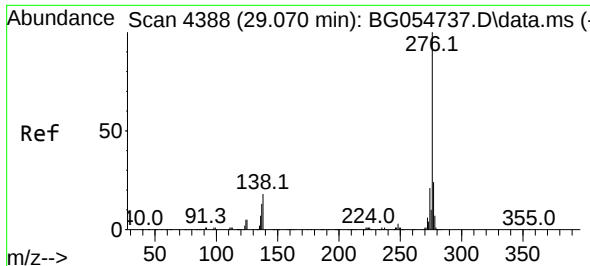
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3729
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

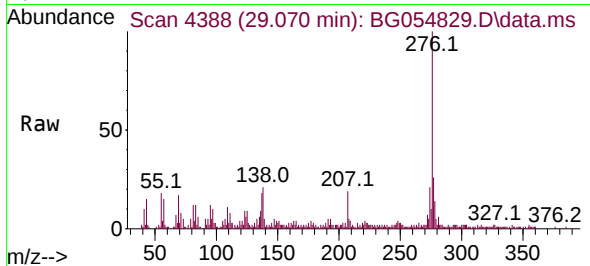
Tgt Ion:264 Resp: 279184
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 22.6 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.426 ng
RT: 29.070 min Scan# 4388
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

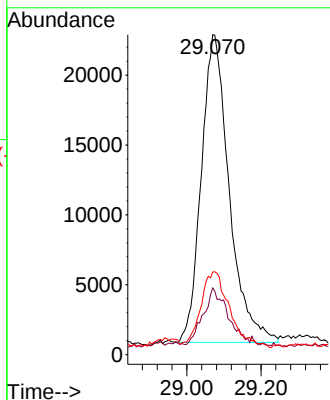
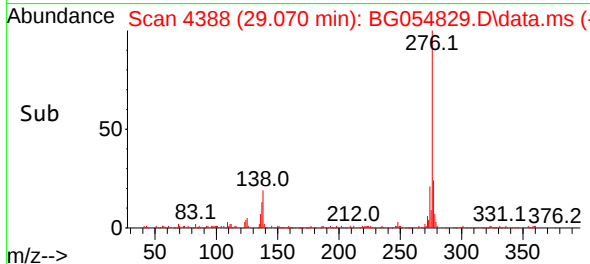
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion: 276 Resp: 115012
Ion Ratio Lower Upper
276 100
138 16.0 12.0 18.0
277 25.5 20.2 30.4

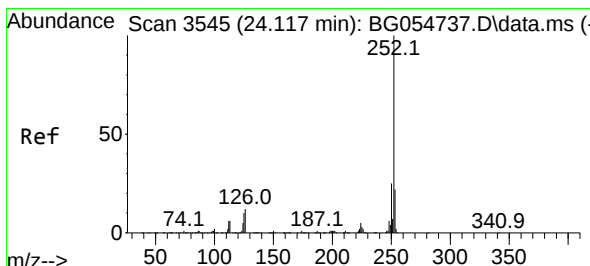
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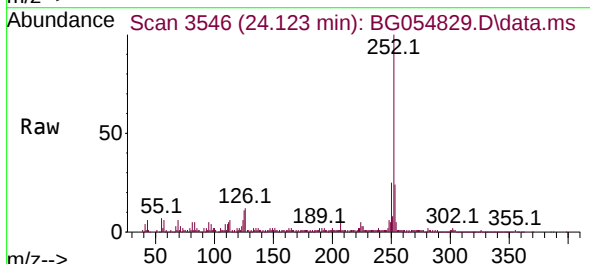


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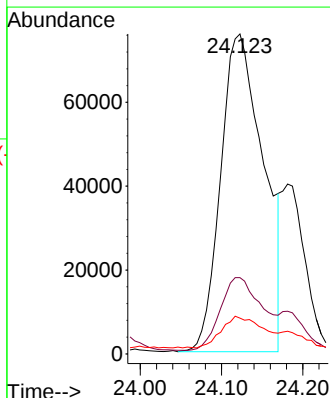
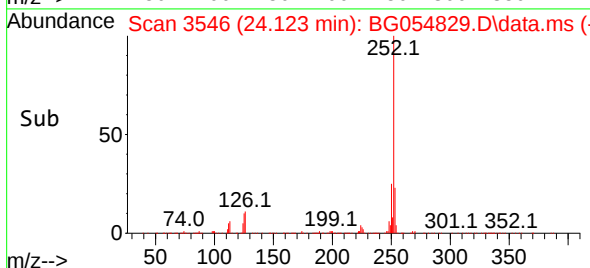
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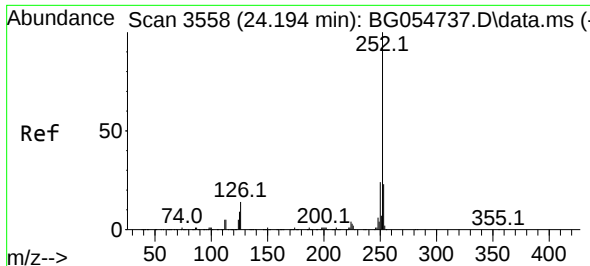


#88
Benzo(b)fluoranthene
Concen: 15.865 ng
RT: 24.123 min Scan# 3546
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44



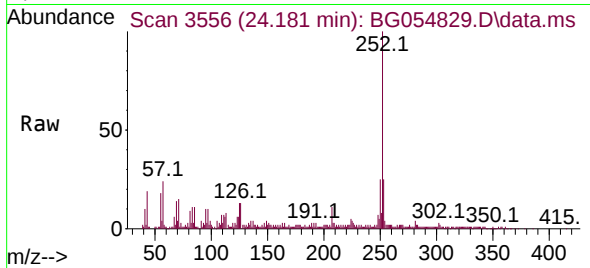
Tgt Ion: 252 Resp: 277852
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 11.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 4.558 ng m
RT: 24.181 min Scan# 3558
Delta R.T. -0.012 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

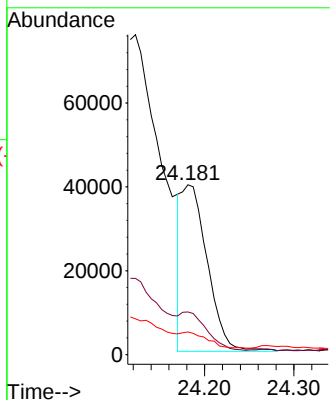
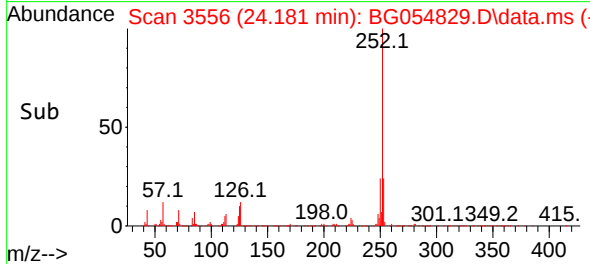
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20



Tgt Ion:252 Resp: 80342
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.8
125 13.4 8.2 12.4

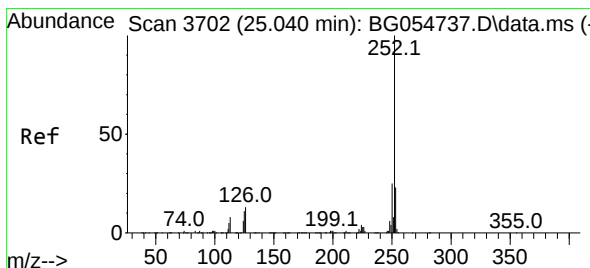
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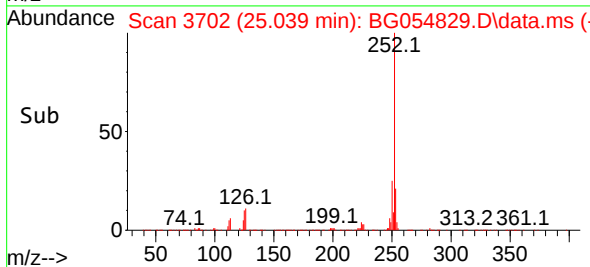
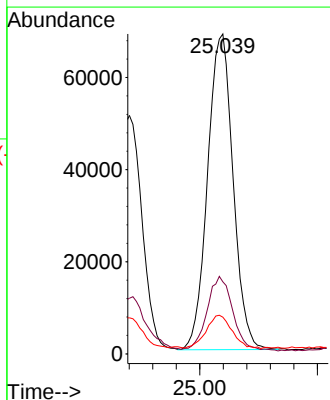
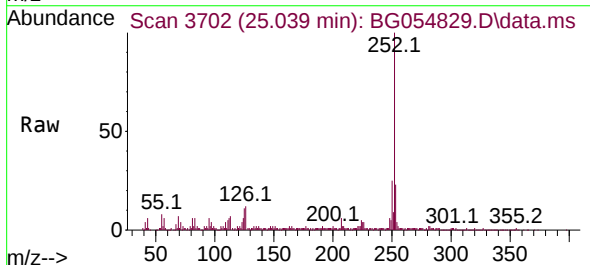
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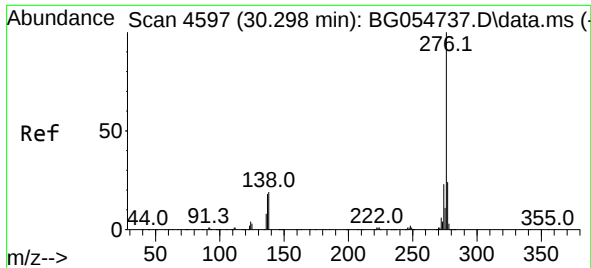
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#90
Benzo(a)pyrene
Concen: 13.797 ng
RT: 25.039 min Scan# 3702
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

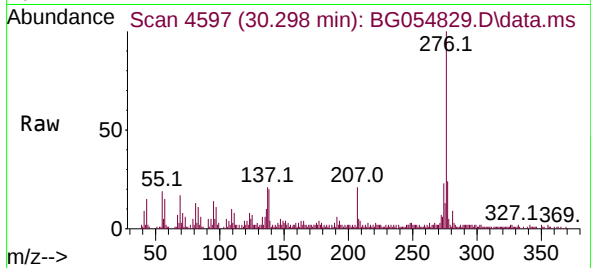
Tgt Ion:252 Resp: 206439
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 11.5 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 7.141 ng
 RT: 30.298 min Scan# 4597
 Delta R.T. -0.000 min
 Lab File: BG054829.D
 Acq: 1 Sep 2022 19:44

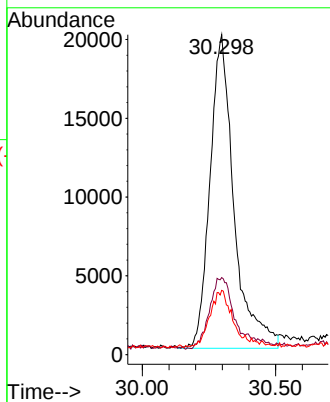
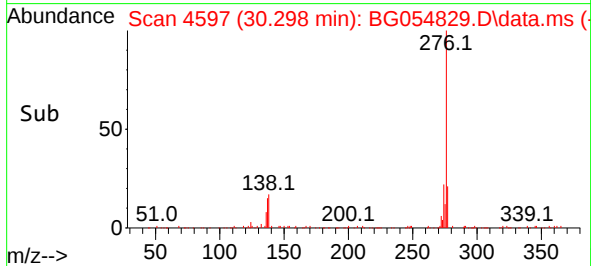
Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-01-0-20



Tgt Ion:276 Resp: 124573
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.4 29.0
 138 20.1 16.6 25.0

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