

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054828.D
 Acq On : 1 Sep 2022 19:02
 Operator : CG/JU
 Sample : N4439-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS2-TR-01-0-5

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 02:55:34 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	8.146	152	48971	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	202325	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	126182	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	252807	20.000	ng	0.00
76) Chrysene-d12	21.824	240	235482	20.000	ng	0.00
86) Perylene-d12	25.203	264	254651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	315162	112.069	ng	0.00
7) Phenol-d6	7.300	99	422072	109.744	ng	0.00
23) Nitrobenzene-d5	9.321	82	260256	67.528	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	169442	107.464	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	602252	71.737	ng	0.00
79) Terphenyl-d14	20.126	244	827860	69.658	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.025	128	75069	6.915	ng	99
37) 2-Methylnaphthalene	12.618	142	65293	8.582	ng	99
38) 1-Methylnaphthalene	12.835	142	49201	6.647	ng	100
50) Dimethylphthalate	14.222	163	41437	4.263	ng	97
55) Dibenzofuran	15.173	168	52941	4.776	ng	# 95
71) Phenanthrene	17.571	178	172984	12.845	ng	99
72) Anthracene	17.659	178	40267	3.075	ng	98
75) Fluoranthene	19.586	202	234045	14.286	ng	99
78) Pyrene	19.938	202	208738	12.712	ng	97
81) Benzo(a)anthracene	21.801	228	134739m	8.439	ng	
83) Chrysene	21.871	228	185679	12.163	ng	97
87) Indeno(1,2,3-cd)pyrene	29.081	276	120589	6.238	ng	# 94
88) Benzo(b)fluoranthene	24.128	252	263354	16.486	ng	97
89) Benzo(k)fluoranthene	24.186	252	84078m	5.230	ng	
90) Benzo(a)pyrene	25.038	252	123957	9.082	ng	# 95
91) Dibenzo(a,h)anthracene	29.145	278	33381	2.119	ng	# 74
92) Benzo(g,h,i)perylene	30.303	276	115378	7.251	ng	98

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

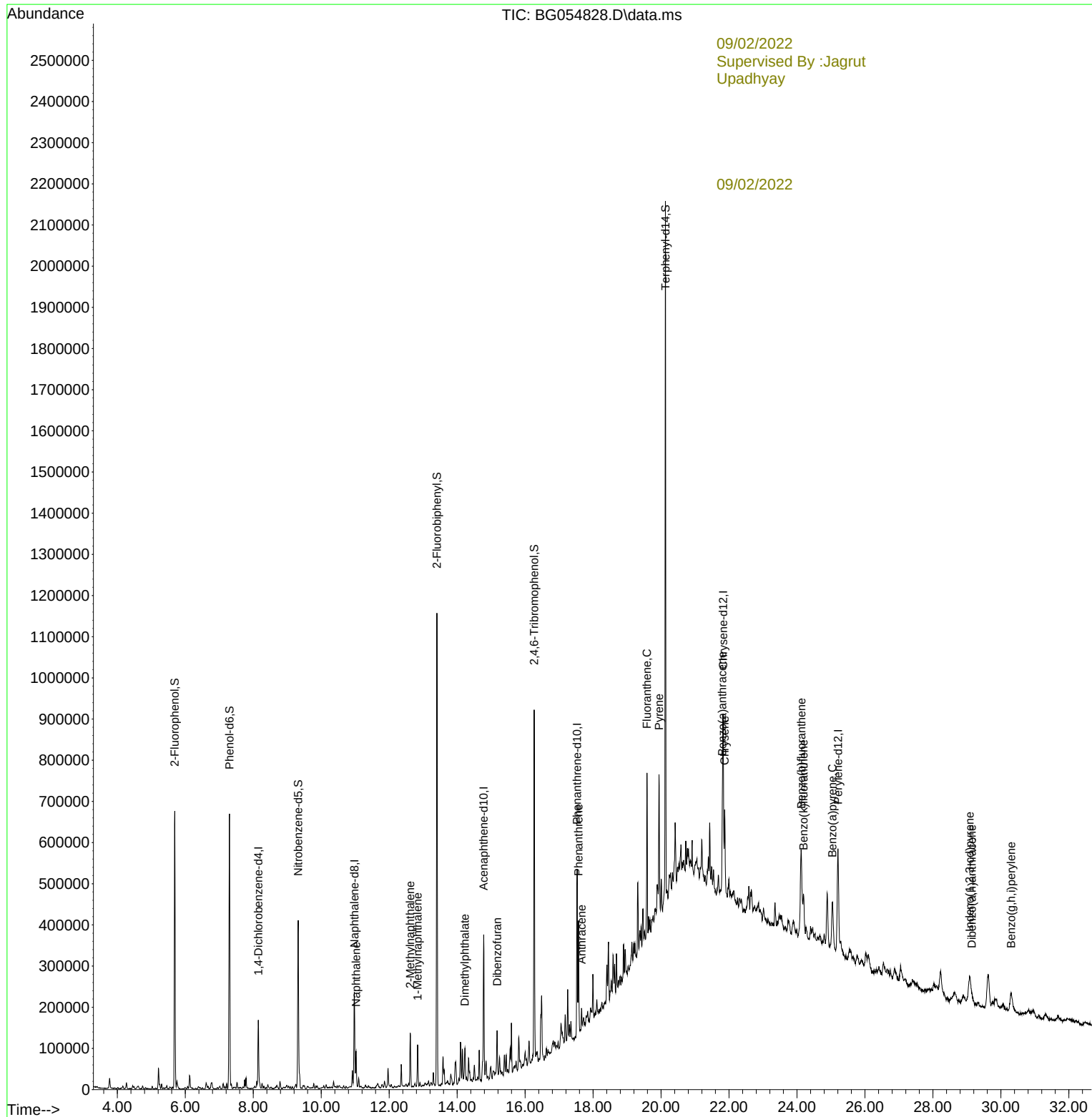
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
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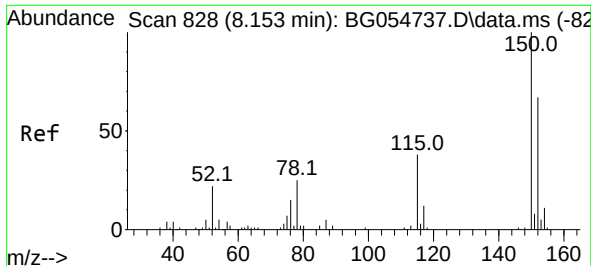
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Time: Sep 02 02:55:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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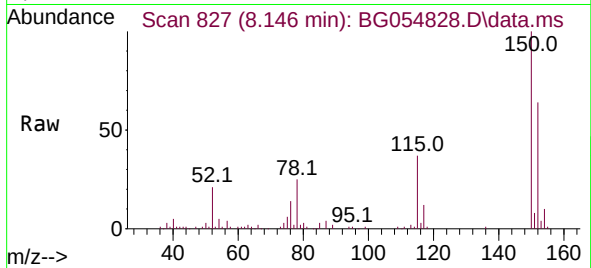
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Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

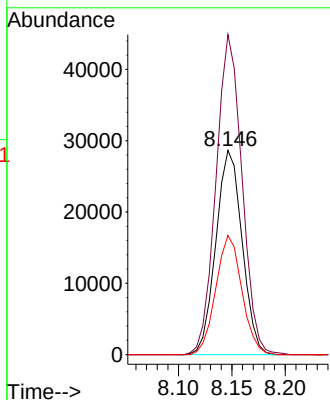
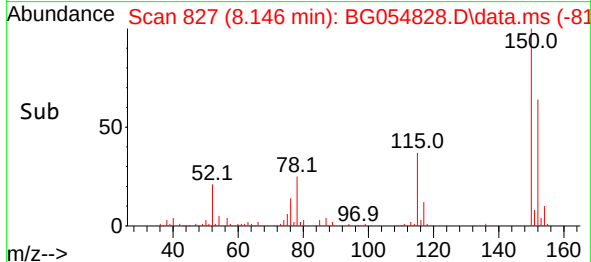
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:152 Resp: 4897
Ion Ratio Lower Upper
152 100
150 156.7 125.2 187.8
115 58.3 47.9 71.9

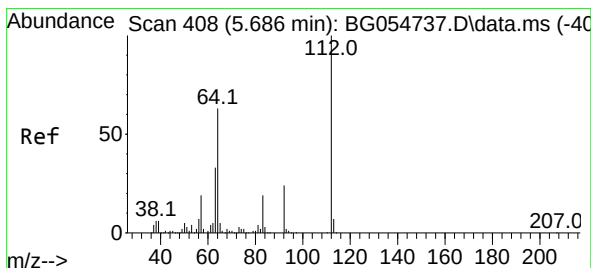
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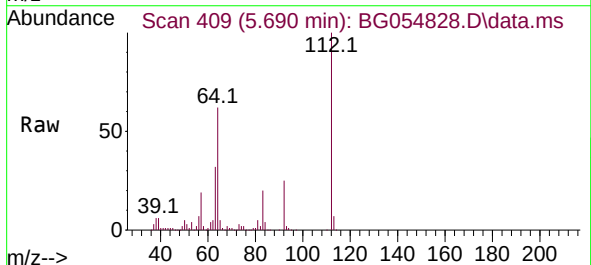


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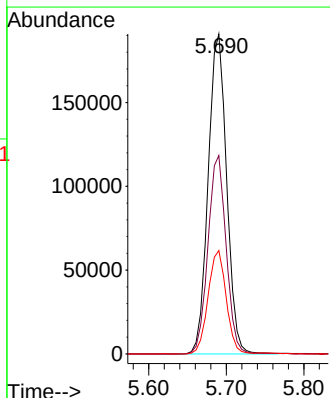
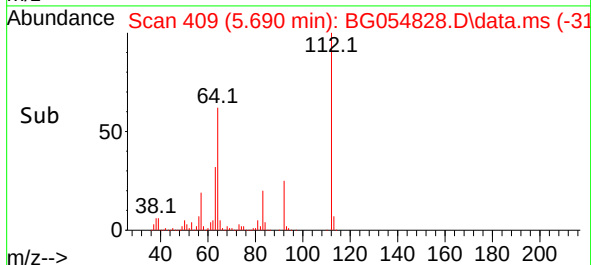
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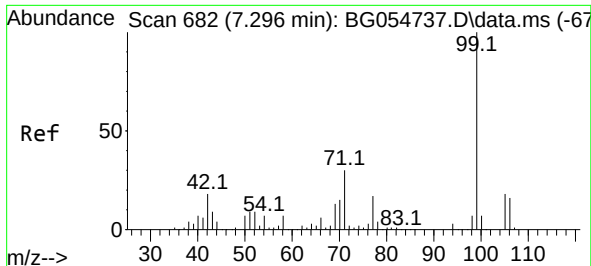


#5
2-Fluorophenol
Concen: 112.069 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



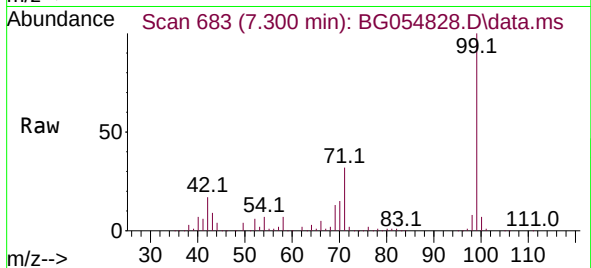
Tgt Ion:112 Resp: 315162
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 32.3 26.3 39.5





#7
Phenol-d6
Concen: 109.744 ng
RT: 7.300 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

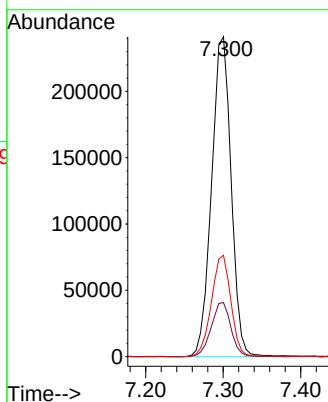
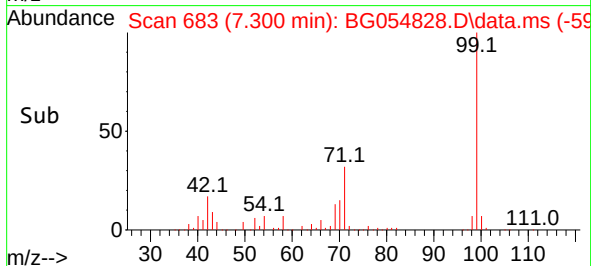
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion: 99 Resp: 422072
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 31.7 24.6 37.0

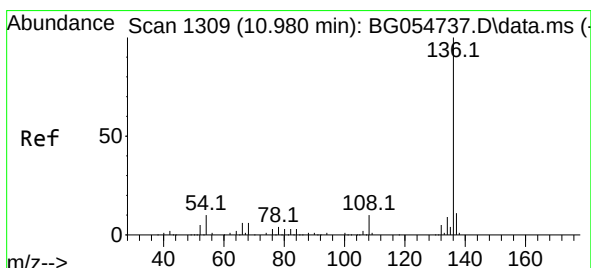
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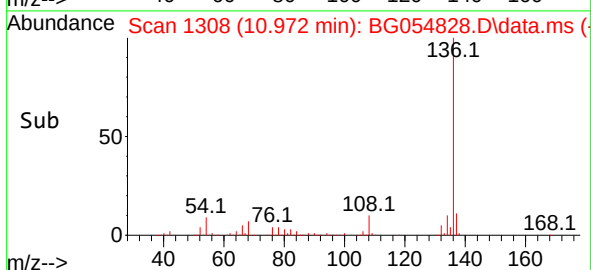
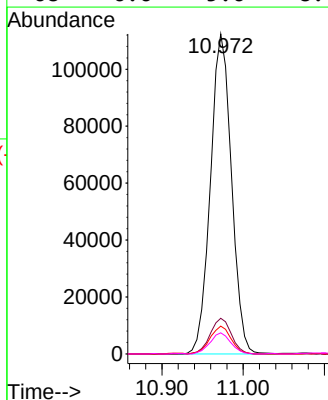
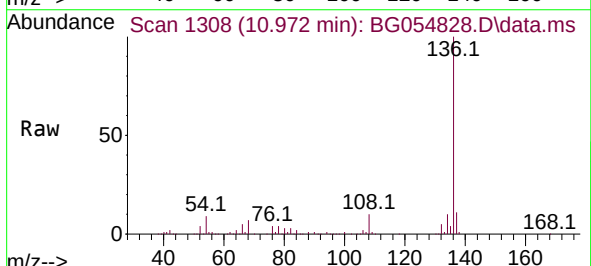
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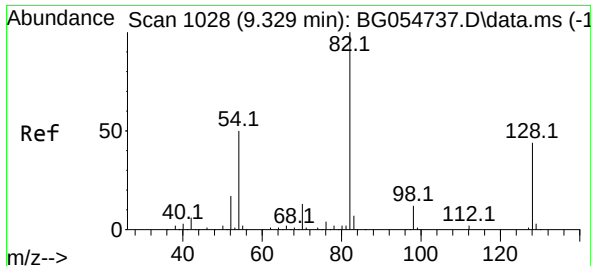
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. -0.008 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:136 Resp: 202325
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.7 7.7 11.5
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 67.528 ng

RT: 9.321 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG054828.D

Acq: 1 Sep 2022 19:02

Instrument :

BNA_G

ClientSampleId :

KTS2-TR-01-0-5

Tgt Ion: 82 Resp: 260256

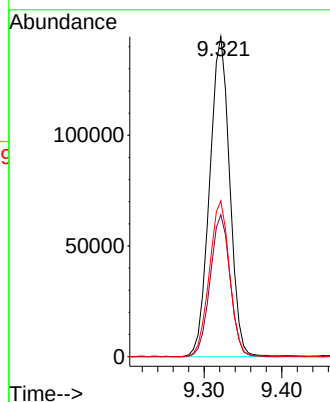
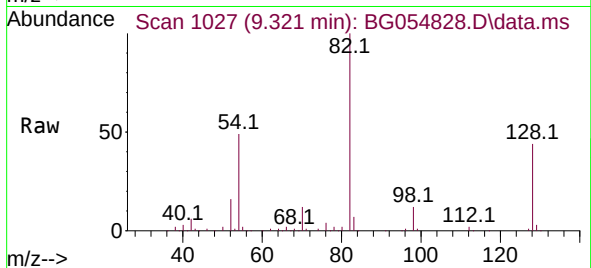
Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.2	48.2
54	48.7	41.4	62.0

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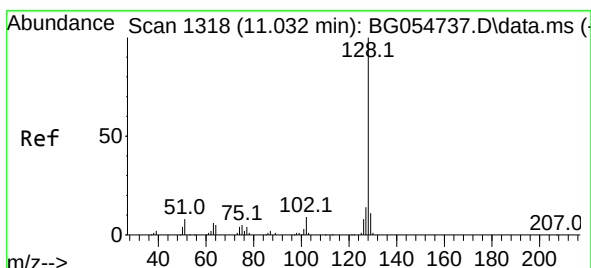
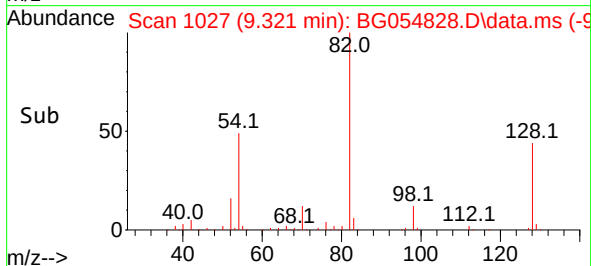
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#31

Naphthalene

Concen: 6.915 ng

RT: 11.025 min Scan# 1317

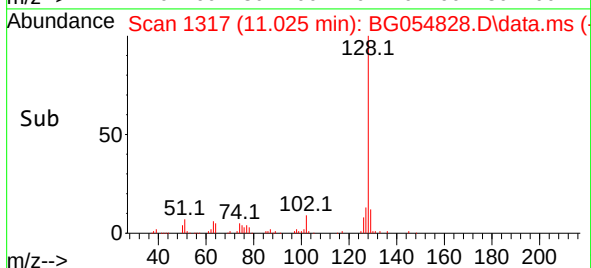
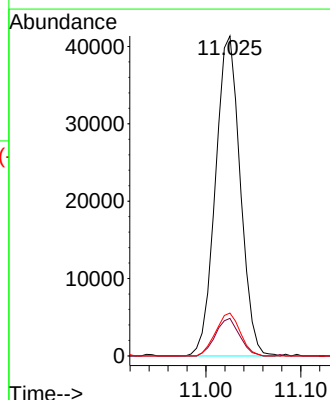
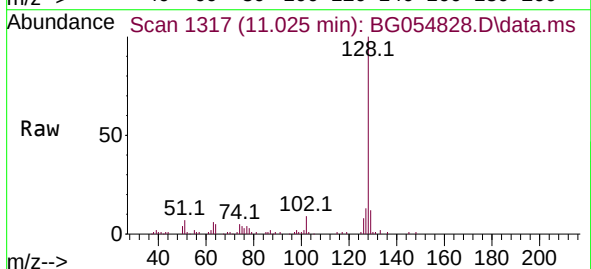
Delta R.T. -0.007 min

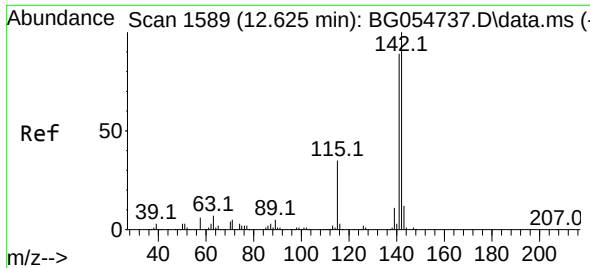
Lab File: BG054828.D

Acq: 1 Sep 2022 19:02

Tgt Ion:128 Resp: 75069

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.4	11.1	16.7





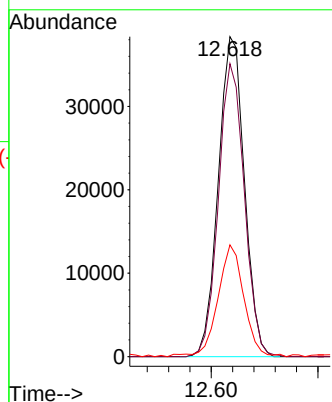
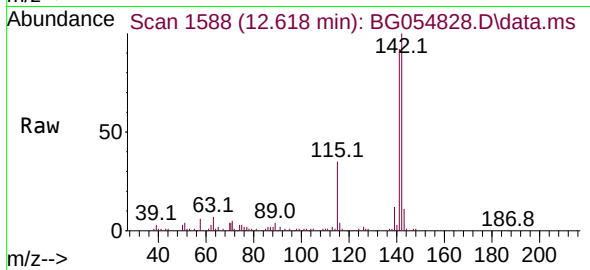
#37
2-Methylnaphthalene
Concen: 8.582 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:142 Resp: 65293
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
115 34.9 27.3 40.9

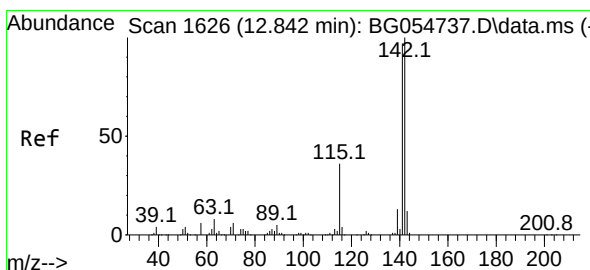
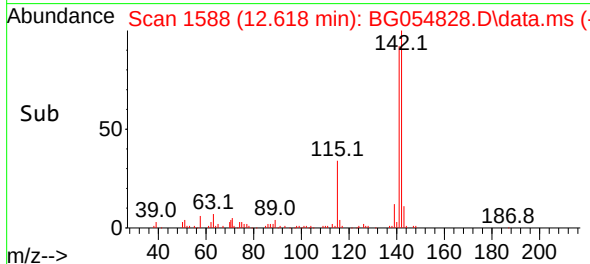
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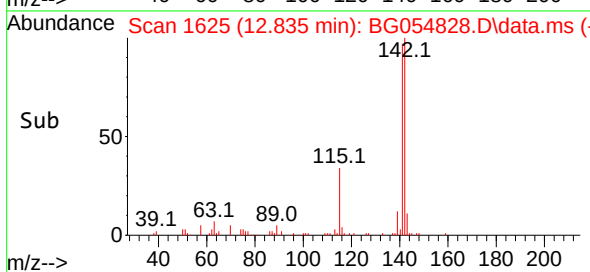
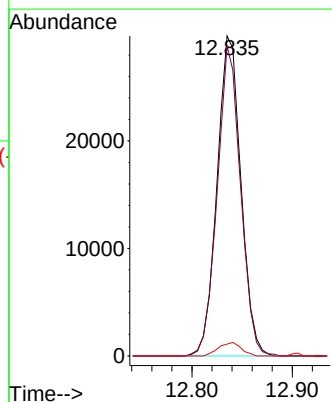
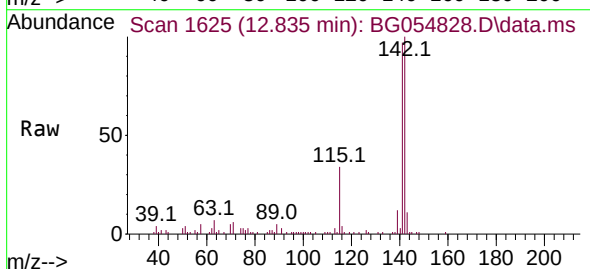
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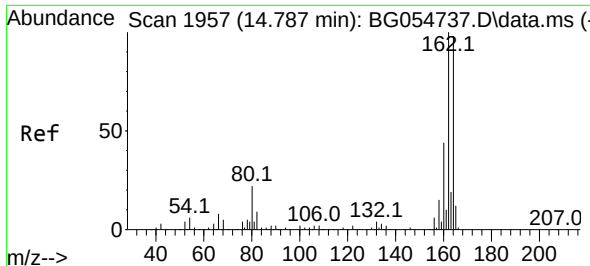
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#38
1-Methylnaphthalene
Concen: 6.647 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:142 Resp: 49201
Ion Ratio Lower Upper
142 100
141 96.9 77.4 116.0
116 3.7 3.0 4.4





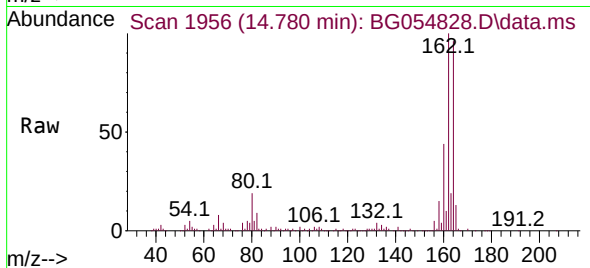
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :

BNA_G

ClientSampleId :

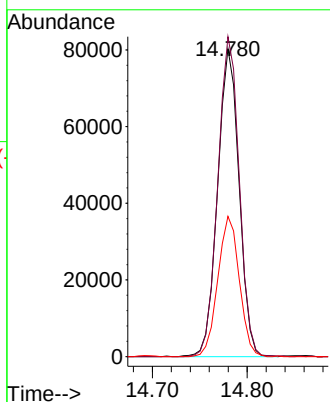
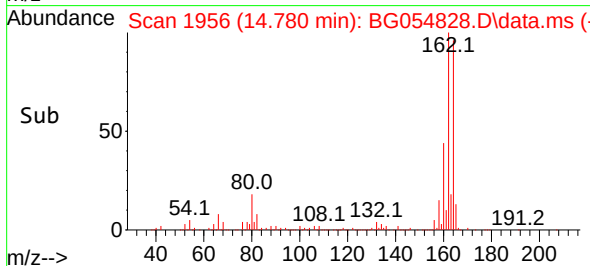
KTS2-TR-01-0-5



Tgt Ion:164 Resp: 126182
Ion Ratio Lower Upper
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162 103.9 83.0 124.4
160 45.5 38.0 57.0

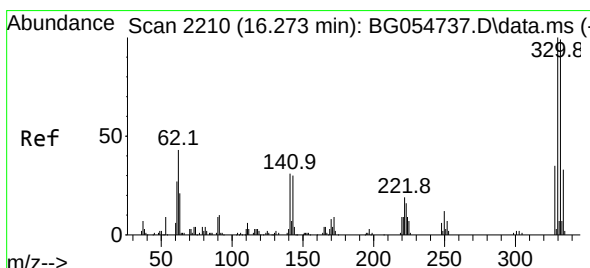
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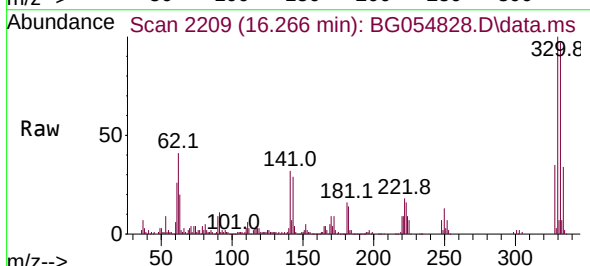


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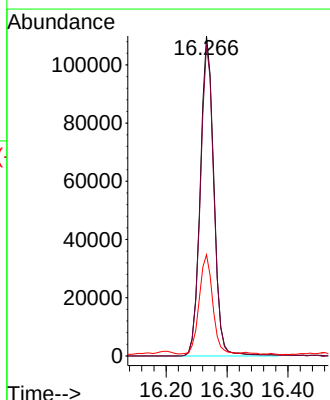
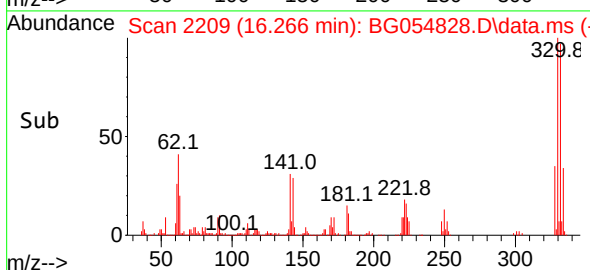
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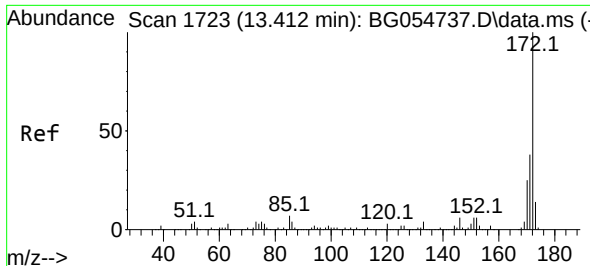


#42
2,4,6-Tribromophenol
Concen: 107.464 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



Tgt Ion:330 Resp: 169442
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 30.5 26.8 40.2





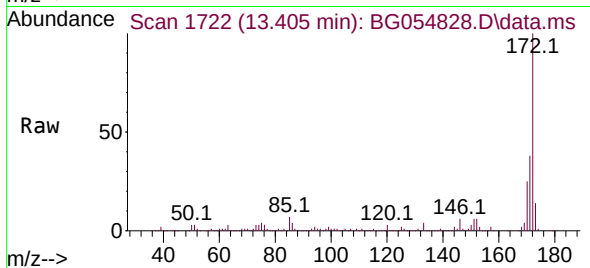
#45
2-Fluorobiphenyl
Concen: 71.737 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :

BNA_G

ClientSampleId :

KTS2-TR-01-0-5

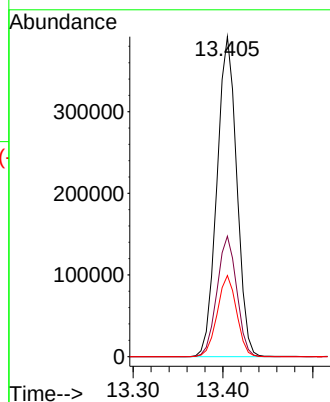
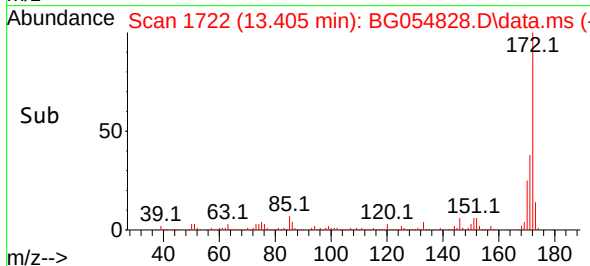


Tgt Ion:172 Resp: 602252
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.3 20.6 30.8

Manual Integrations

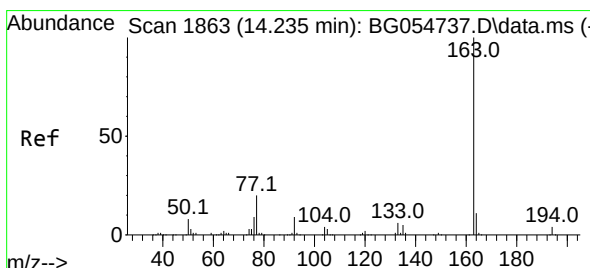
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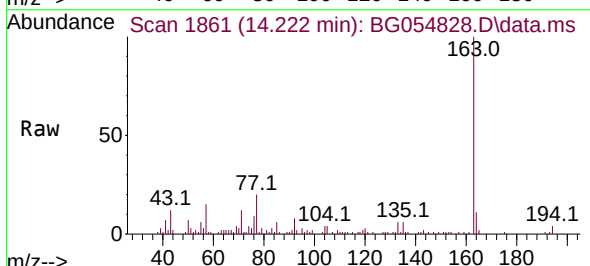


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Upadhyay

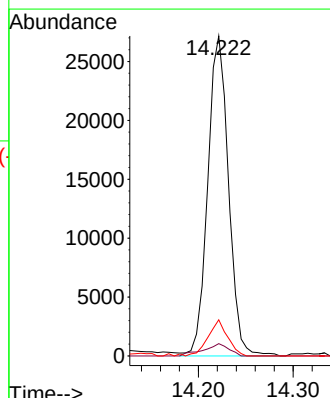
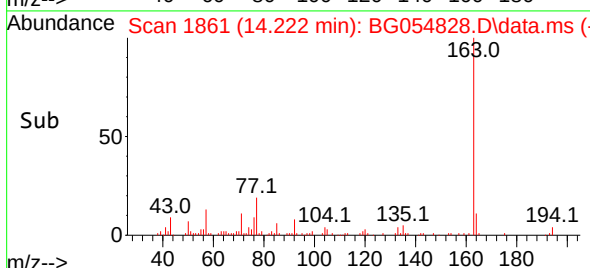
09/02/2022

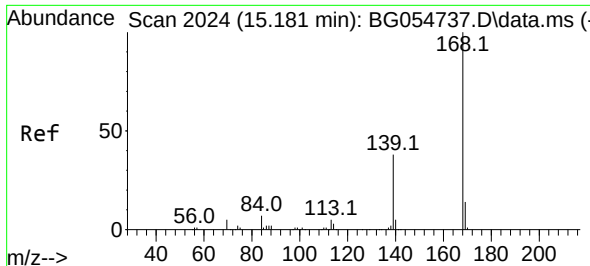


#50
Dimethylphthalate
Concen: 4.263 ng
RT: 14.222 min Scan# 1861
Delta R.T. -0.013 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



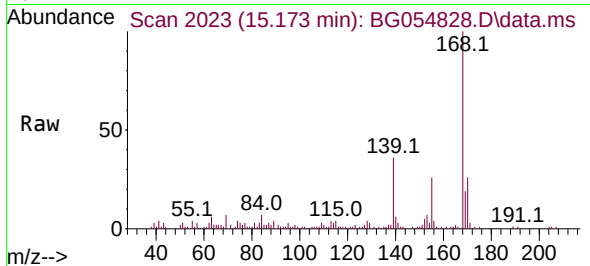
Tgt Ion:163 Resp: 41437
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 11.3 8.0 12.0





#55
Dibenzenofuran
Concen: 4.776 ng
RT: 15.173 min Scan# 2023
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

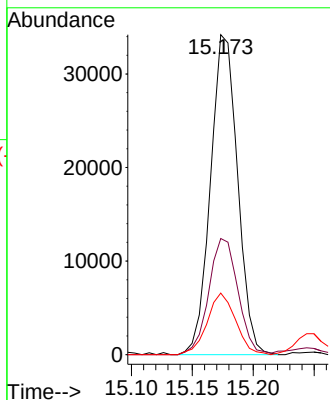
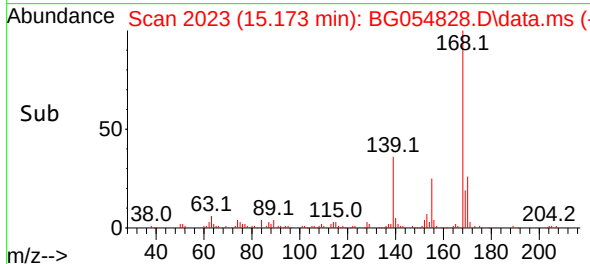
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:168 Resp: 5294
Ion Ratio Lower Upper
168 100
139 36.3 30.2 45.2
169 19.2 11.3 16.9

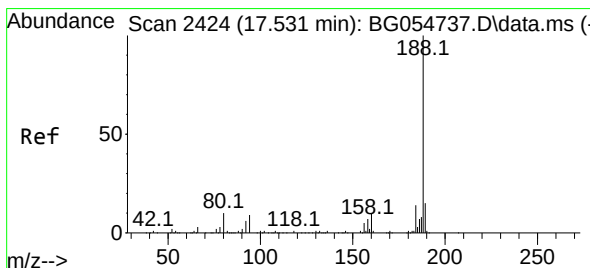
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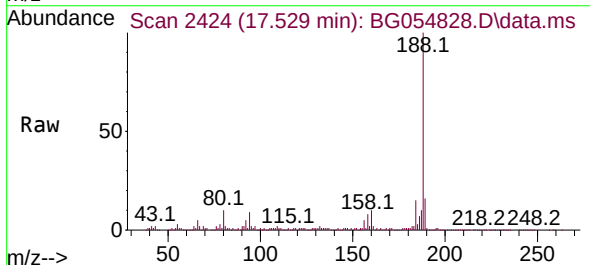


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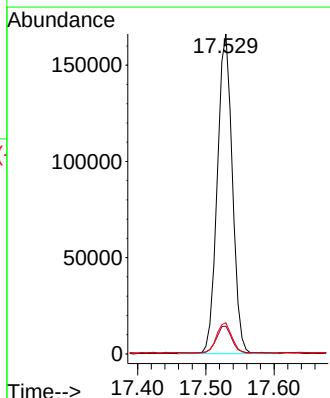
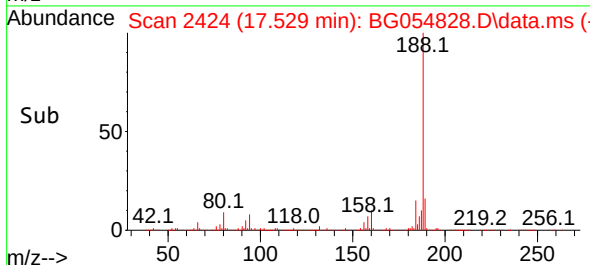
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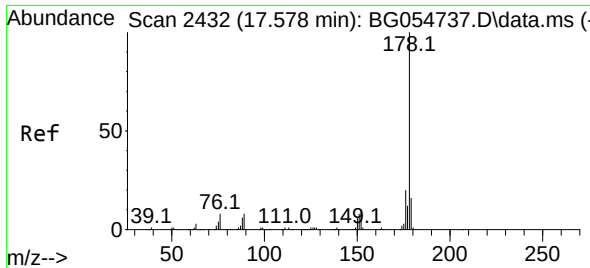


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



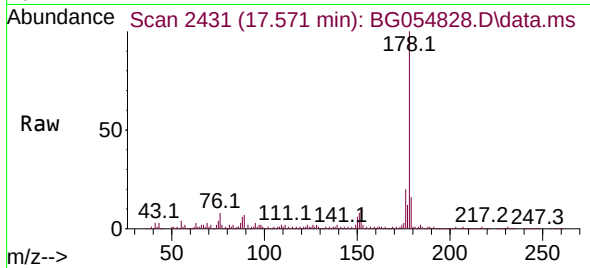
Tgt Ion:188 Resp: 252807
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.7 7.9 11.9





#71
Phenanthrene
Concen: 12.845 ng
RT: 17.571 min Scan# 2432
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

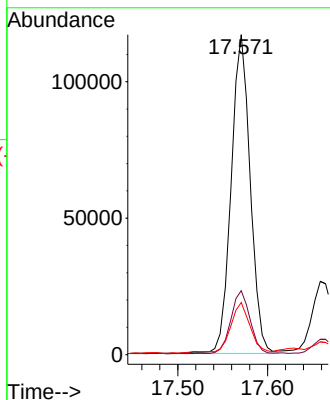
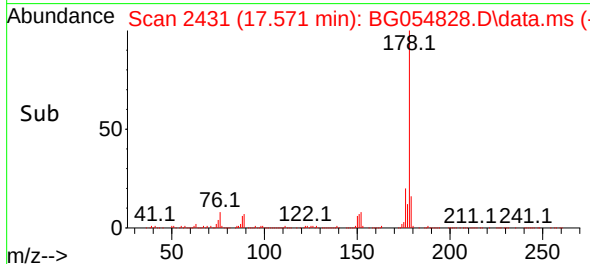
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:178 Resp: 172984
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 16.3 12.8 19.2

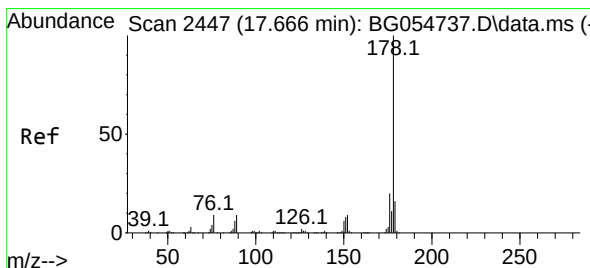
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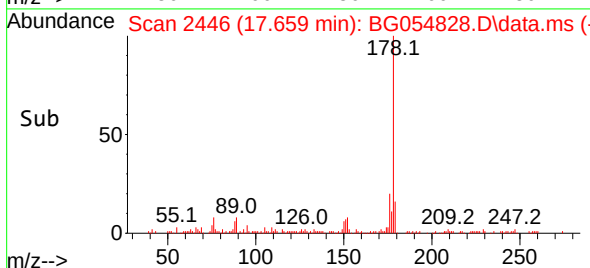
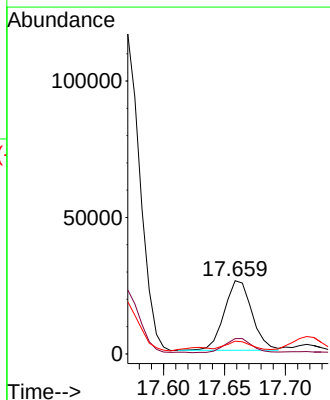
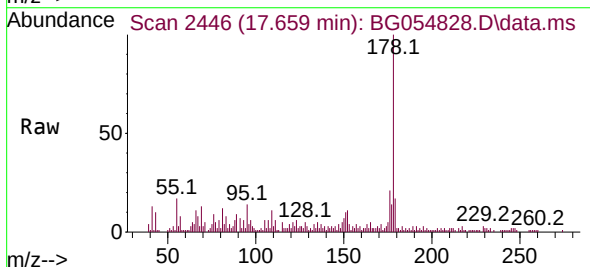
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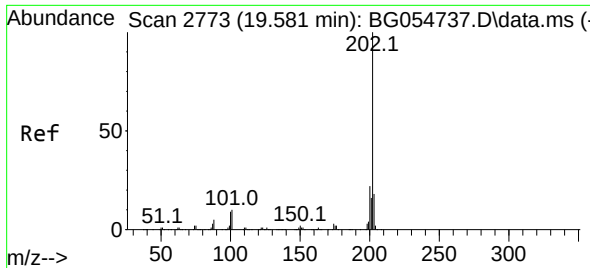
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#72
Anthracene
Concen: 3.075 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

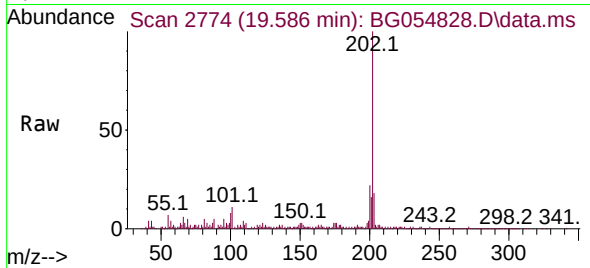
Tgt Ion:178 Resp: 40267
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 17.4 12.9 19.3





#75
Fluoranthene
Concen: 14.286 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

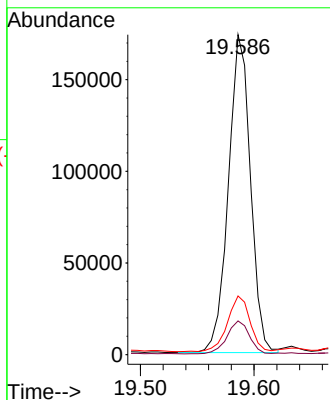
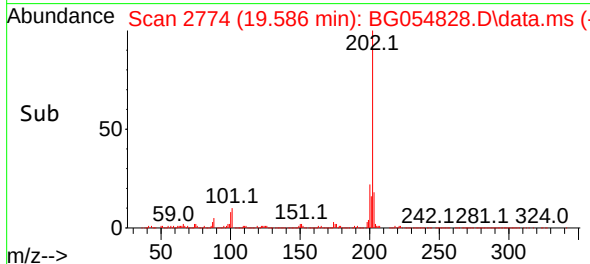
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:202 Resp: 234045
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.3 0.0 38.6

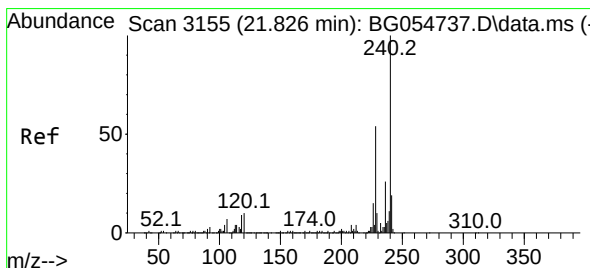
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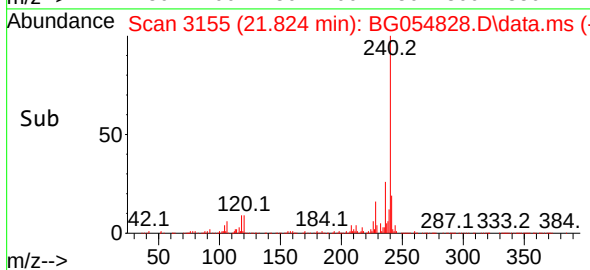
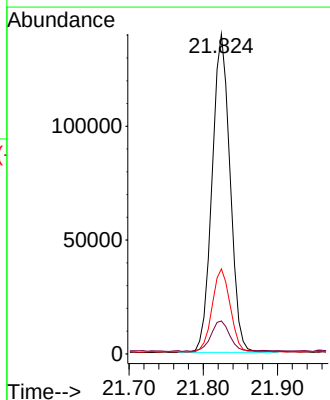
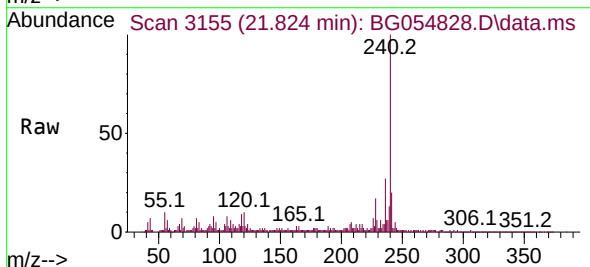
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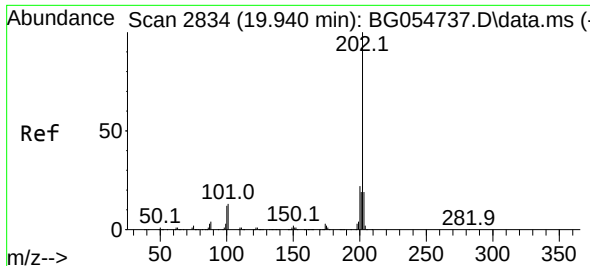
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

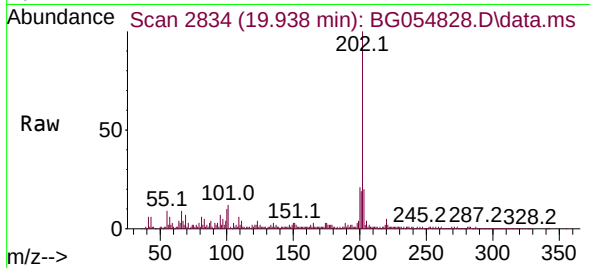
Tgt Ion:240 Resp: 235482
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.6 21.2 31.8





#78
Pyrene
Concen: 12.712 ng
RT: 19.938 min Scan# 2834
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

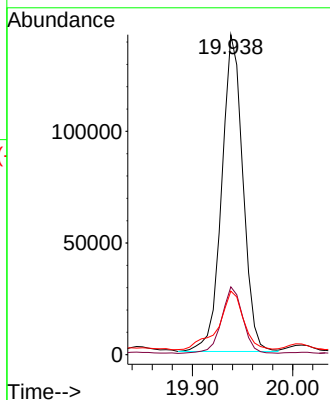
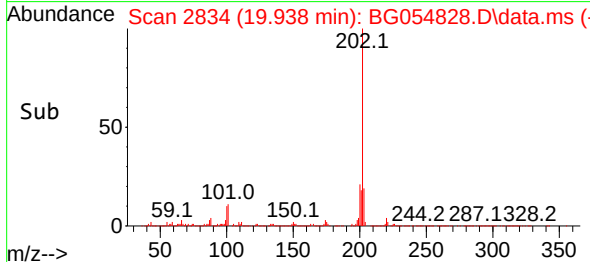
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:202 Resp: 208738
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 19.8 14.6 21.8

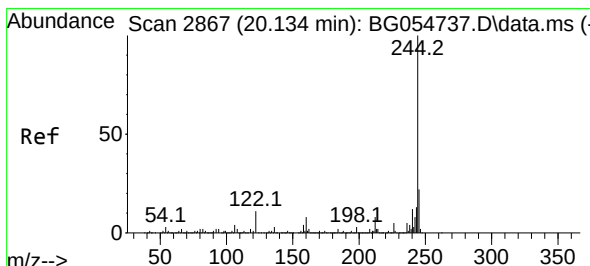
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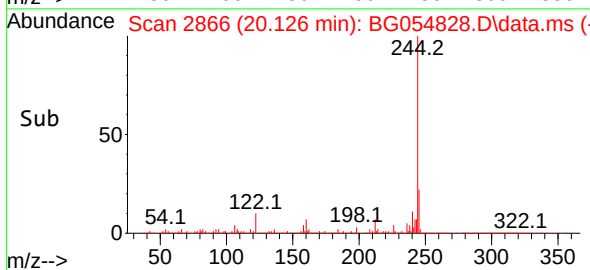
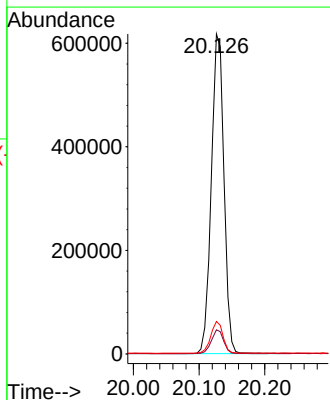
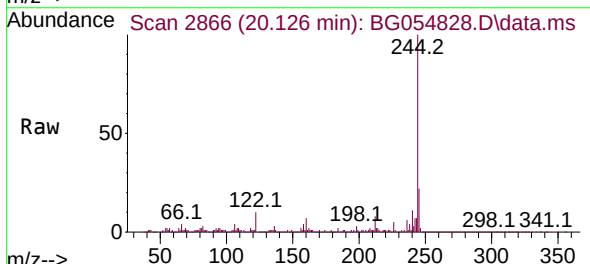
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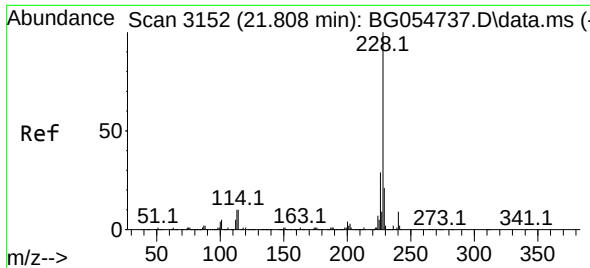
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#79
Terphenyl-d14
Concen: 69.658 ng
RT: 20.126 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

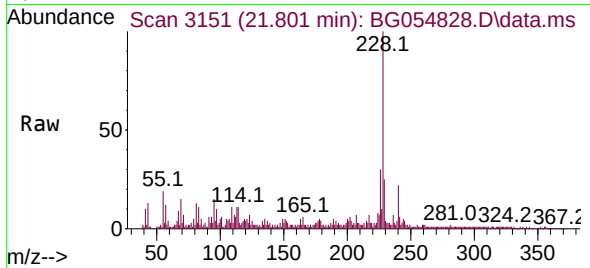
Tgt Ion:244 Resp: 827860
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.1 9.0 13.6





#81
Benzo(a)anthracene
Concen: 8.439 ng m
RT: 21.801 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

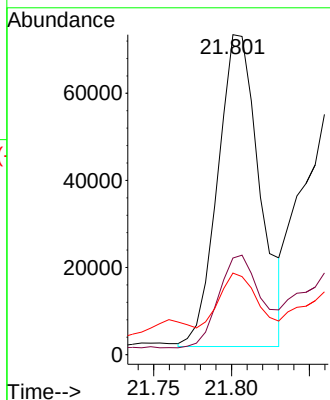
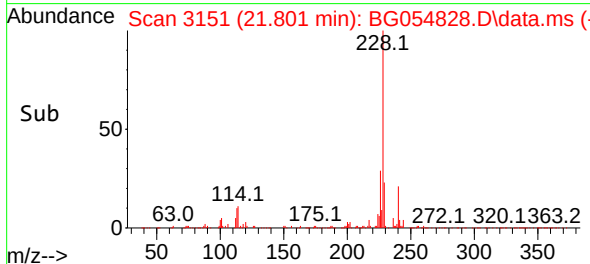
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:228 Resp: 134739
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 25.5 16.5 24.7

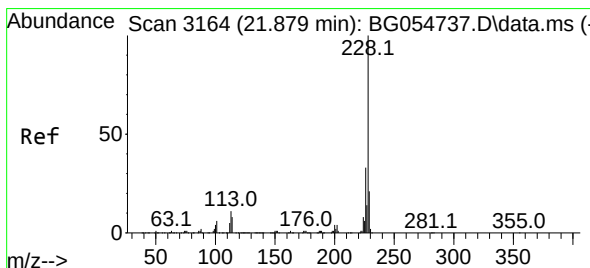
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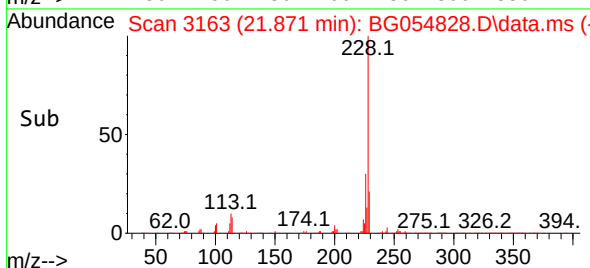
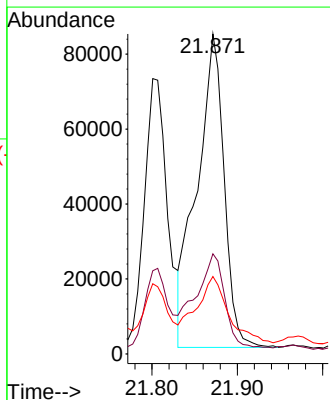
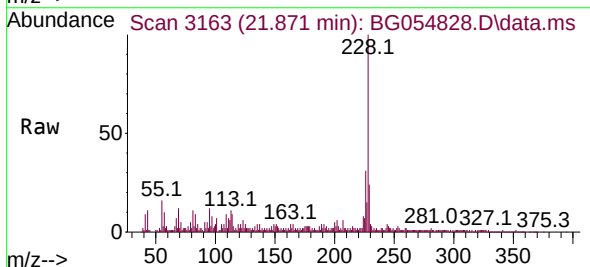
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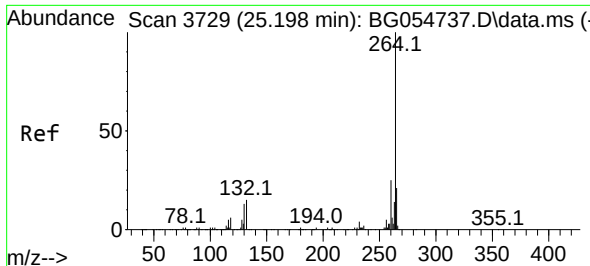
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#83
Chrysene
Concen: 12.163 ng
RT: 21.871 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

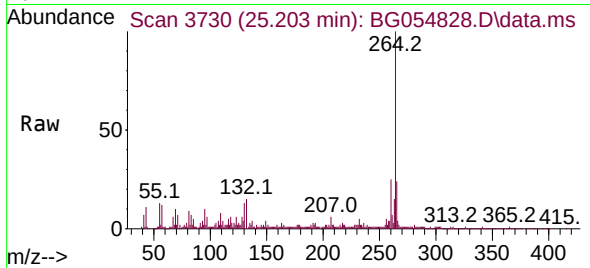
Tgt Ion:228 Resp: 185679
Ion Ratio Lower Upper
228 100
226 31.3 25.5 38.3
229 24.2 16.8 25.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

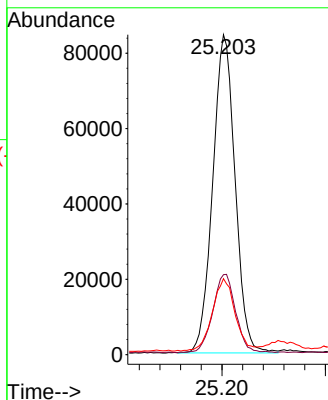
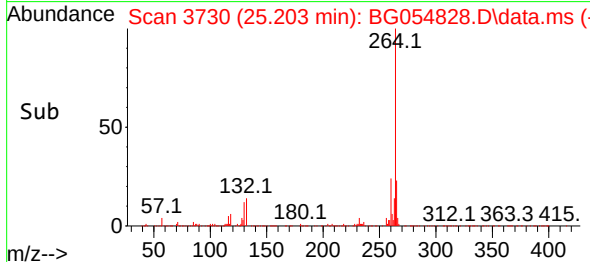
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:264 Resp: 25465
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 23.7 16.9 25.3

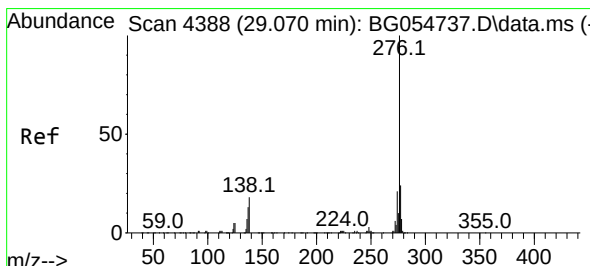
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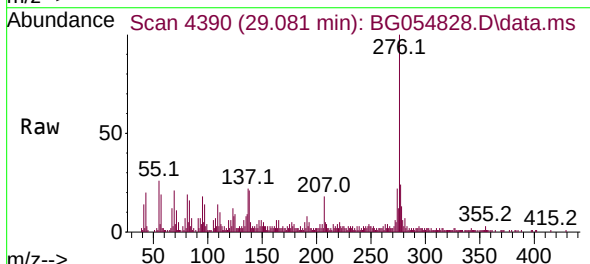


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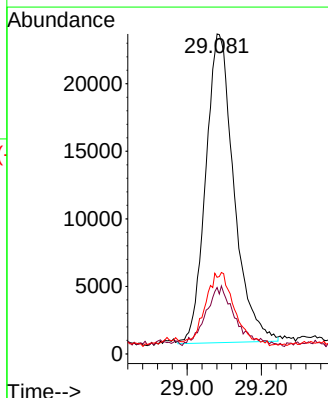
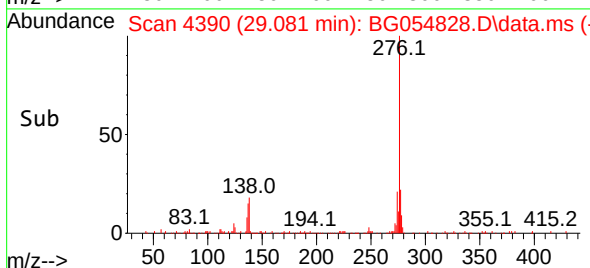
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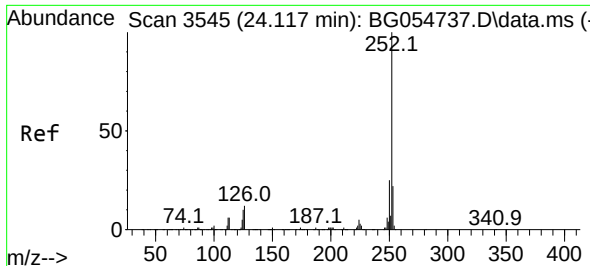


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.238 ng
RT: 29.081 min Scan# 4390
Delta R.T. 0.010 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



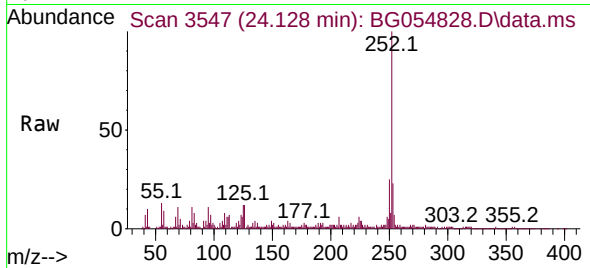
Tgt Ion:276 Resp: 120589
Ion Ratio Lower Upper
276 100
138 20.9 12.0 18.0#
277 24.5 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 16.486 ng
RT: 24.128 min Scan# 3545
Delta R.T. 0.010 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

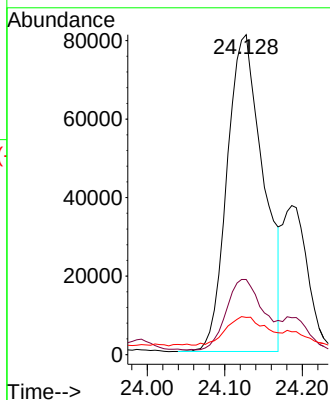
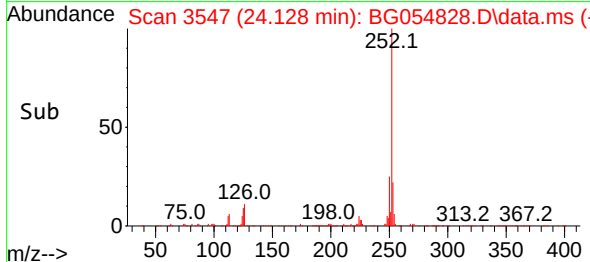
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion:252 Resp: 263354
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 11.6 8.1 12.1

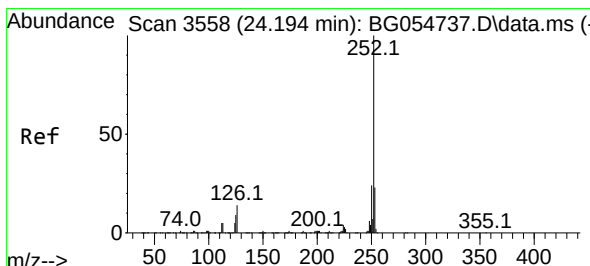
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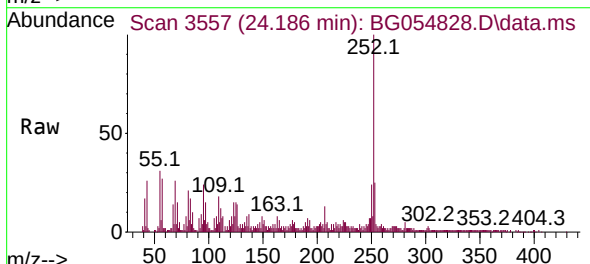


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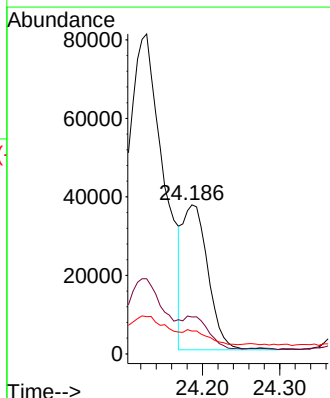
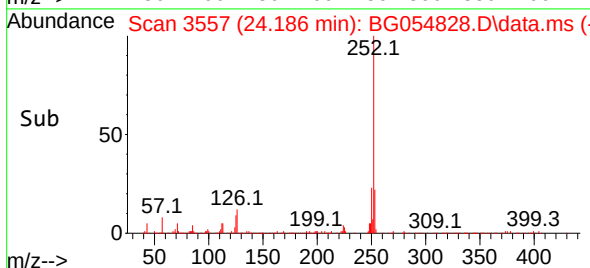
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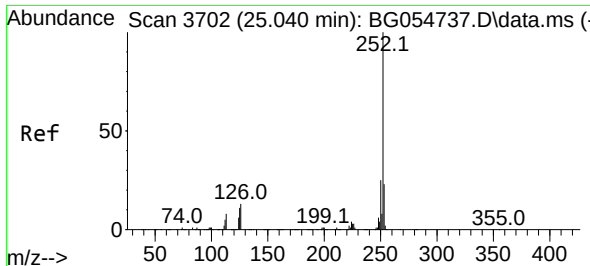


#89
Benzo(k)fluoranthene
Concen: 5.230 ng m
RT: 24.186 min Scan# 3557
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



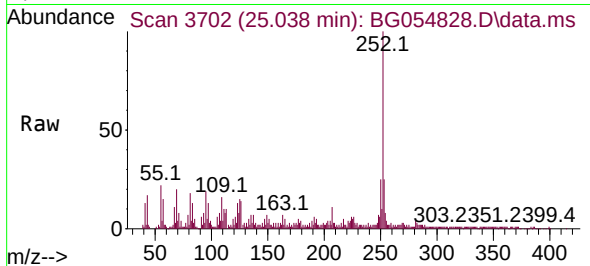
Tgt Ion:252 Resp: 84078
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 15.3 8.2 12.4#





#90
Benzo(a)pyrene
Concen: 9.082 ng
RT: 25.038 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

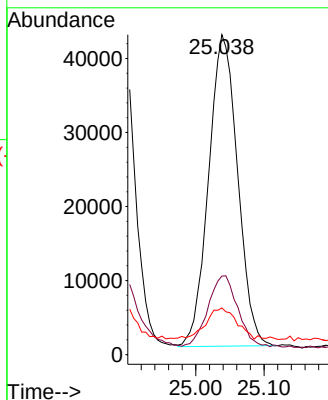
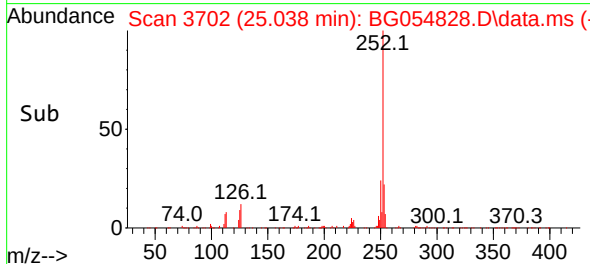
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion: 252 Resp: 123952
Ion Ratio Lower Upper
252 100
253 24.5 18.3 27.5
125 14.6 8.8 13.2

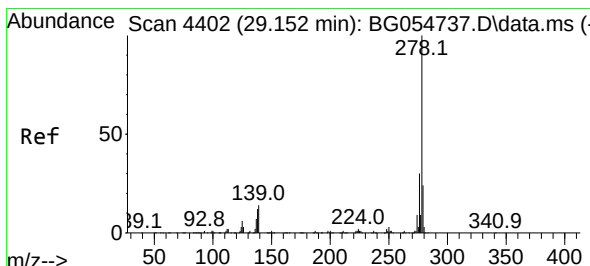
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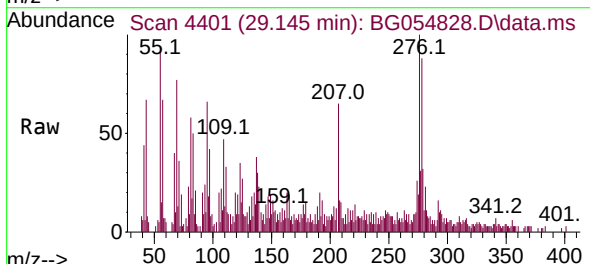


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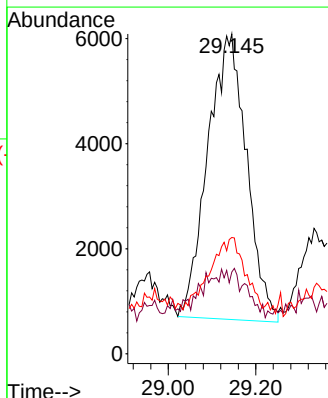
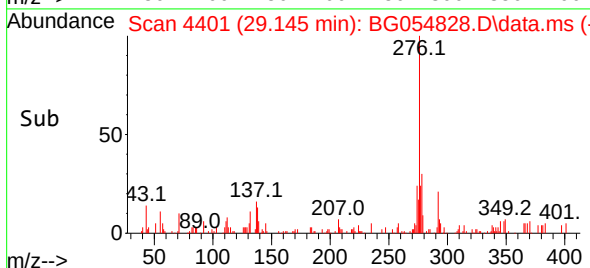
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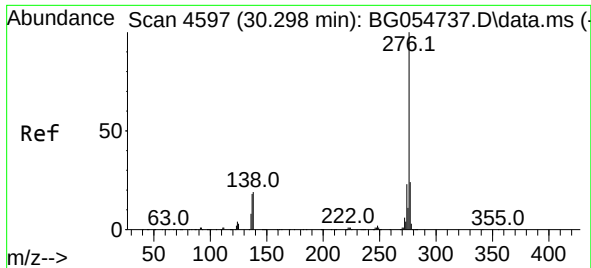


#91
Dibenzo(a,h)anthracene
Concen: 2.119 ng
RT: 29.145 min Scan# 4401
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02



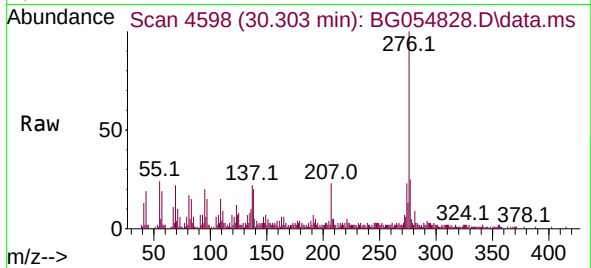
Tgt Ion: 278 Resp: 33381
Ion Ratio Lower Upper
278 100
139 25.6 11.4 17.2#
279 36.4 19.3 28.9#





#92
Benzo(g,h,i)perylene
Concen: 7.251 ng
RT: 30.303 min Scan# 4598
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

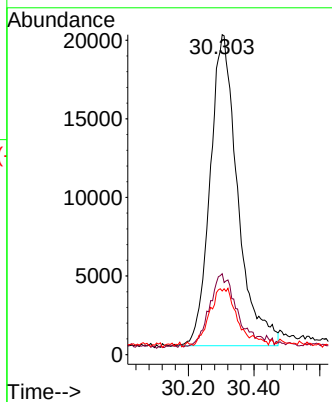
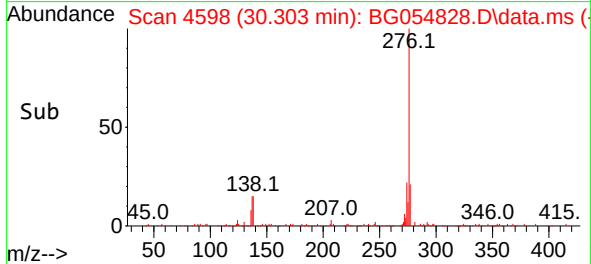
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5



Tgt Ion: 276 Resp: 115378
Ion Ratio Lower Upper
276 100
277 25.3 19.4 29.0
138 19.9 16.6 25.0

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