

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055730.D
 Acq On : 22 Nov 2022 1:14
 Operator : CG/JU
 Sample : N5697-01DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-111722DL

Manual Integrations
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Reviewed By :Christian
 Giraldo

Quant Time: Nov 22 02:10:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							11/22/2022
1) 1,4-Dichlorobenzene-d4	8.242	152	49604	20.000	ng	-0.01	Supervised By :Jagrut Upadhyay
21) Naphthalene-d8	11.074	136	228283	20.000	ng	-0.01	
39) Acenaphthene-d10	14.869	164	155062	20.000	ng	0.00	
64) Phenanthrene-d10	17.607	188	318077	20.000	ng	-0.01	
76) Chrysene-d12	21.908	240	298515	20.000	ng	-0.01	
86) Perylene-d12	25.316	264	322772	20.000	ng	-0.01	11/22/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.774	112	23019	8.388	ng	0.00	
7) Phenol-d6	7.390	99	33385	9.139	ng	0.00	
23) Nitrobenzene-d5	9.411	82	20518	4.751	ng	-0.02	
42) 2,4,6-Tribromophenol	16.350	330	14706	6.735	ng	0.00	
45) 2-Fluorobiphenyl	13.489	172	54706	5.285	ng	-0.01	
79) Terphenyl-d14	20.193	244	83132	5.570	ng	-0.01	
Target Compounds							Qvalue
31) Naphthalene	11.121	128	54517	4.418	ng		98
37) 2-Methylnaphthalene	12.713	142	82830	8.964	ng		98
38) 1-Methylnaphthalene	12.931	142	62191	6.933	ng		100
52) Acenaphthene	14.928	154	54342	5.749	ng		100
55) Dibenzofuran	15.263	168	43654	2.994	ng	#	92
58) Fluorene	15.909	166	118102	10.141	ng		93
71) Phenanthrene	17.654	178	870660	50.724	ng		100
72) Anthracene	17.743	178	285004	17.089	ng		100
75) Fluoranthene	19.652	202	640047	30.650	ng		99
78) Pyrene	20.011	202	815207	40.345	ng		98
81) Benzo(a)anthracene	21.885	228	359281	17.474	ng		98
83) Chrysene	21.955	228	318273	16.260	ng		99
87) Indeno(1,2,3-cd)pyrene	29.229	276	132945	5.028	ng	#	95
88) Benzo(b)fluoranthene	24.229	252	286168	13.614	ng		98
89) Benzo(k)fluoranthene	24.288	252	91073m	4.346	ng		
90) Benzo(a)pyrene	25.152	252	276674	15.338	ng		98
92) Benzo(g,h,i)perylene	30.463	276	140738	6.462	ng		99

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

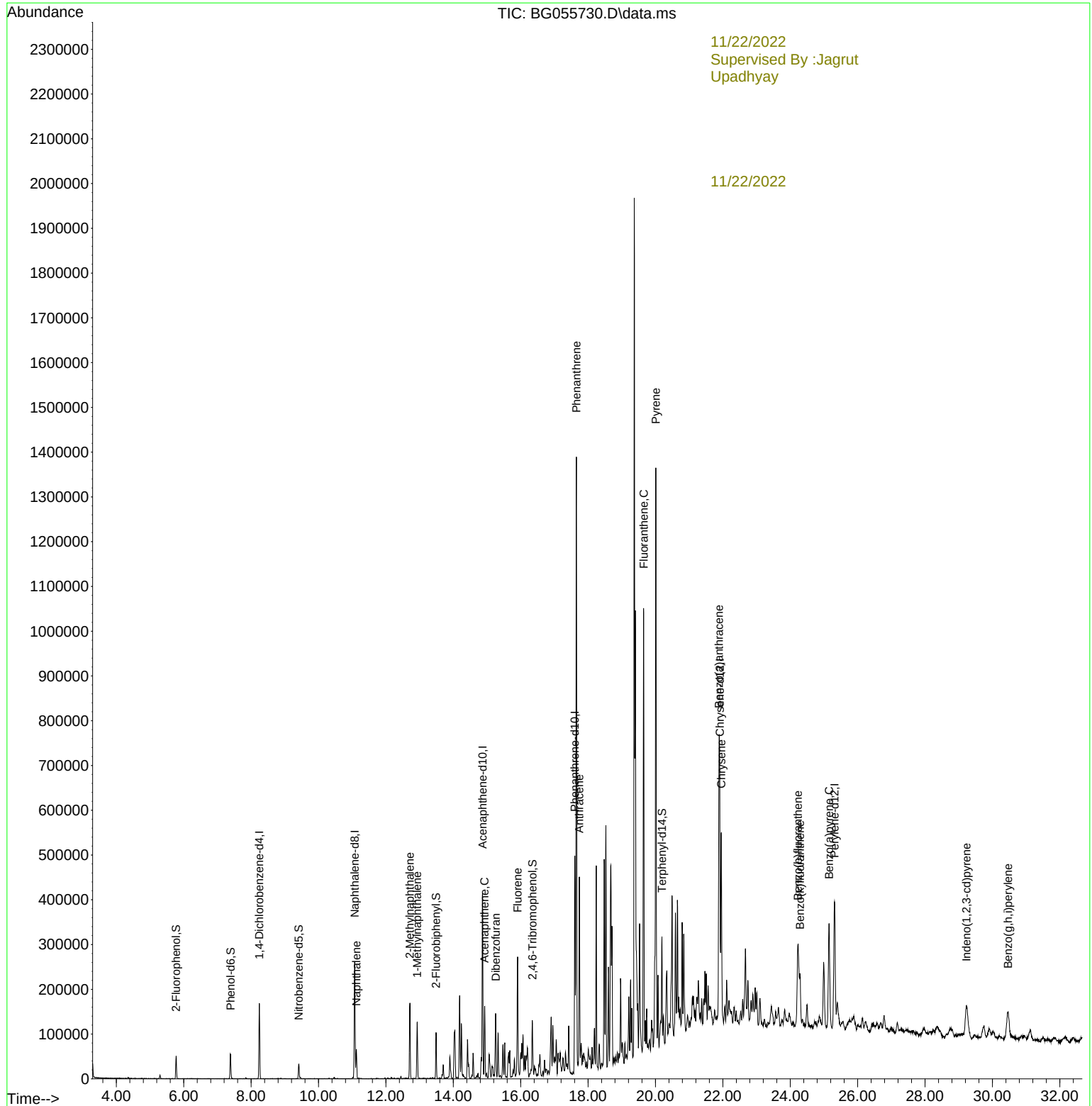
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055730.D
Acq On : 22 Nov 2022 1:14
Operator : CG/JU
Sample : N5697-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

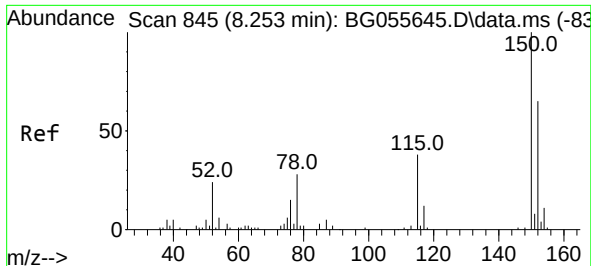
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Quant Time: Nov 22 02:10:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

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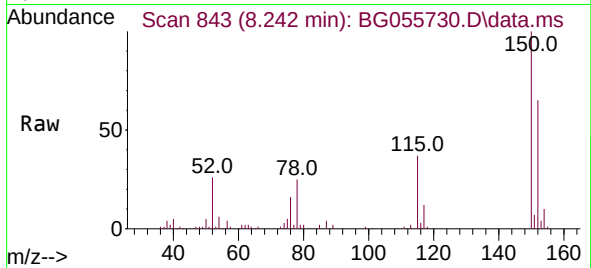
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 845
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

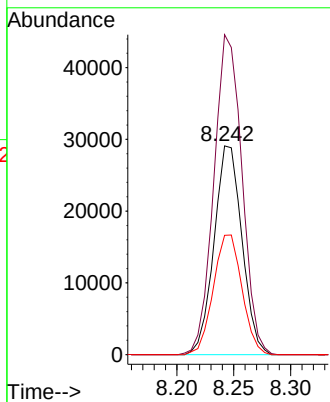
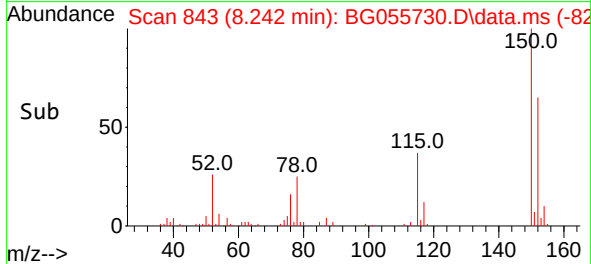
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:152 Resp: 49604
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.6
115 57.2 47.0 70.4

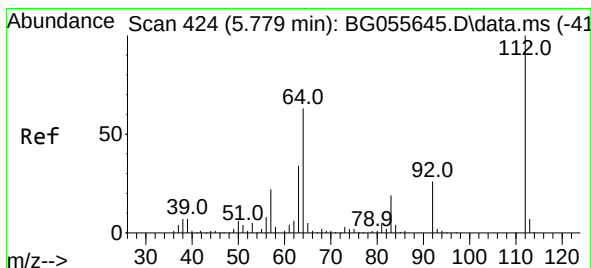
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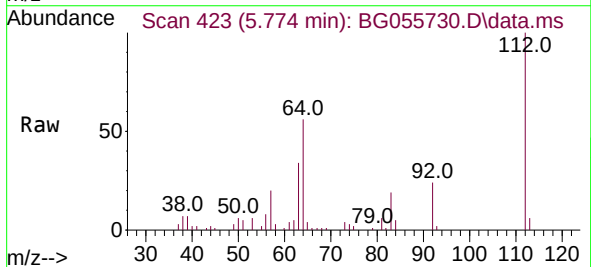


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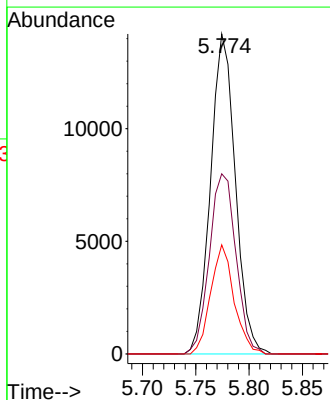
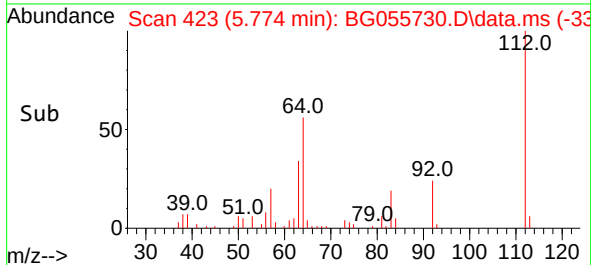
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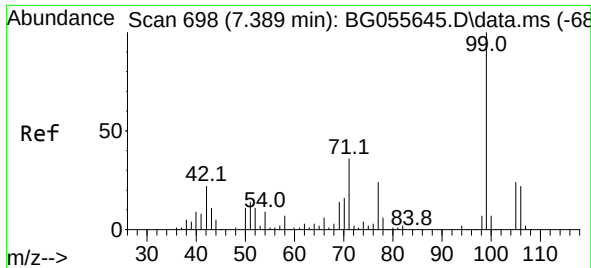


#5
2-Fluorophenol
Concen: 8.388 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



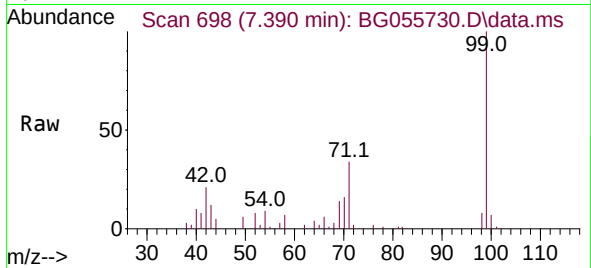
Tgt Ion:112 Resp: 23019
Ion Ratio Lower Upper
112 100
64 56.3 50.6 76.0
63 34.1 27.5 41.3





#7
Phenol-d6
Concen: 9.139 ng
RT: 7.390 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

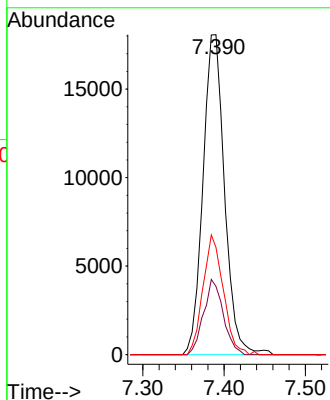
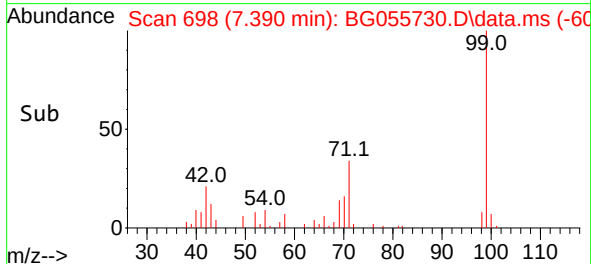
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 33385
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 33.5 29.0 43.6

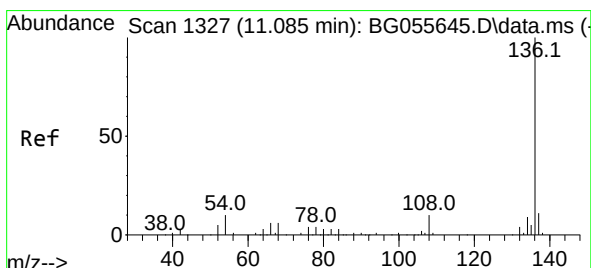
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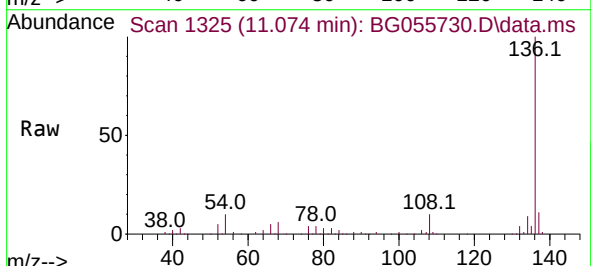


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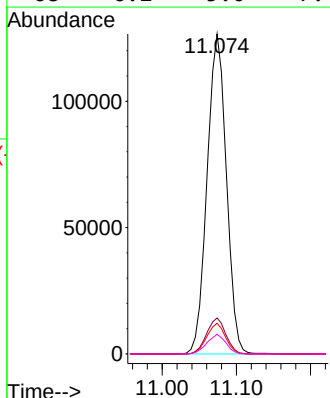
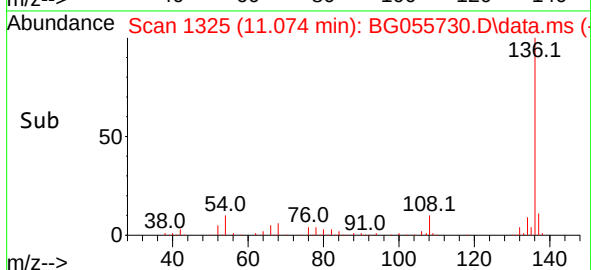
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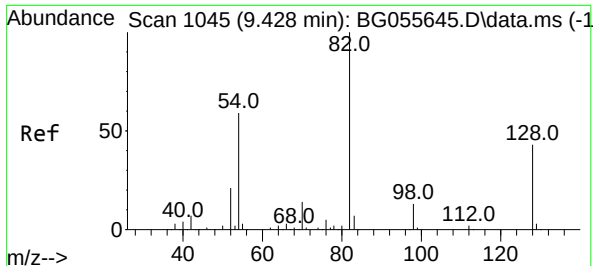


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



Tgt Ion:136 Resp: 228283
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.6 7.8 11.6
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 4.751 ng

RT: 9.411 min Scan# 1042

Delta R.T. -0.017 min

Lab File: BG055730.D

Acq: 22 Nov 2022 1:14

Instrument :

BNA_G

ClientSampleId :

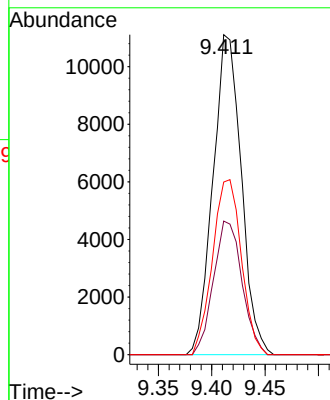
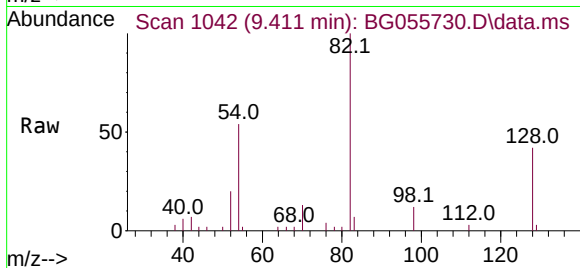
SU-03-111722DL

Tgt Ion: 82 Resp: 20518

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	53.9	47.3	70.9

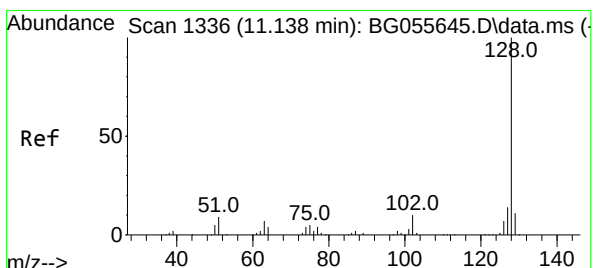
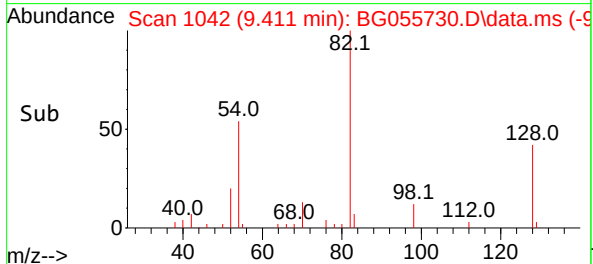
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#31

Naphthalene

Concen: 4.418 ng

RT: 11.121 min Scan# 1333

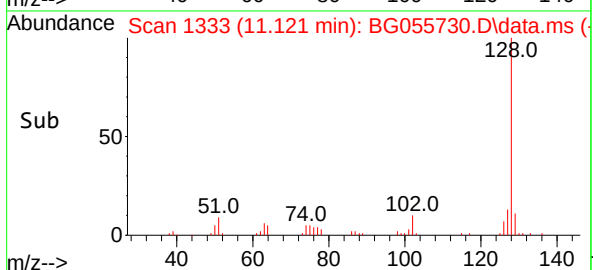
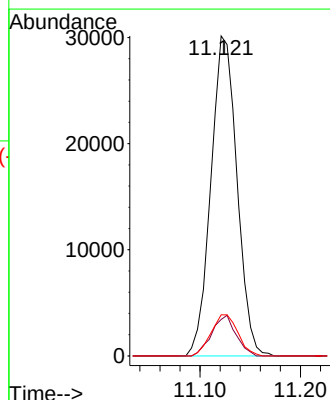
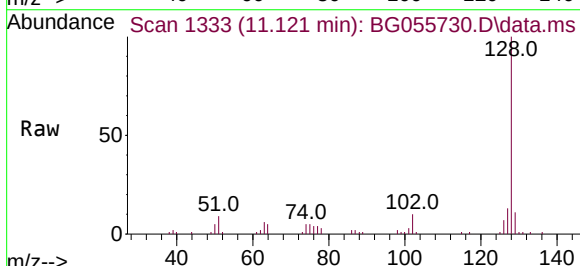
Delta R.T. -0.017 min

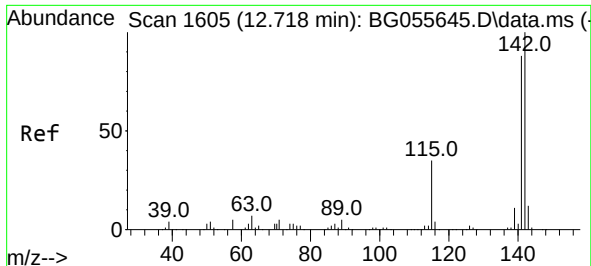
Lab File: BG055730.D

Acq: 22 Nov 2022 1:14

Tgt Ion:128 Resp: 54517

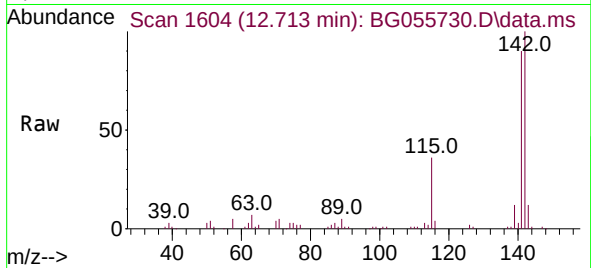
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	12.8	10.9	16.3





#37
2-Methylnaphthalene
Concen: 8.964 ng
RT: 12.713 min Scan# 1604
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

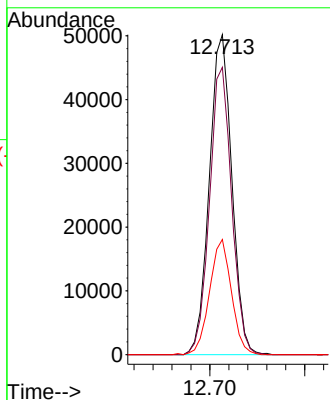
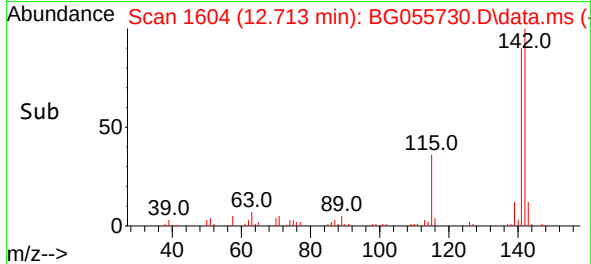
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:142 Resp: 82836
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 36.0 27.9 41.9

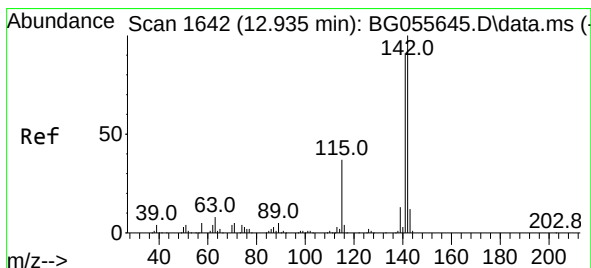
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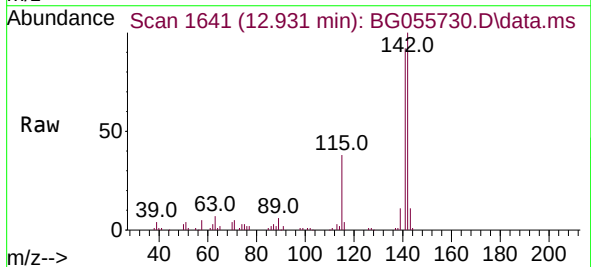


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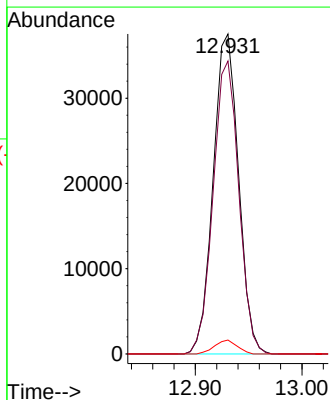
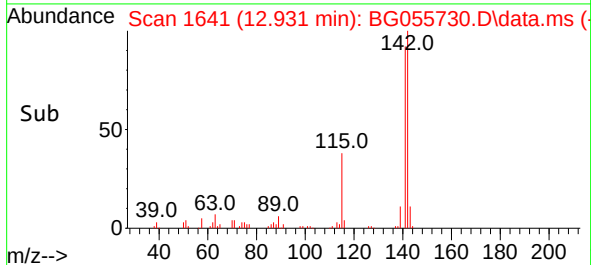
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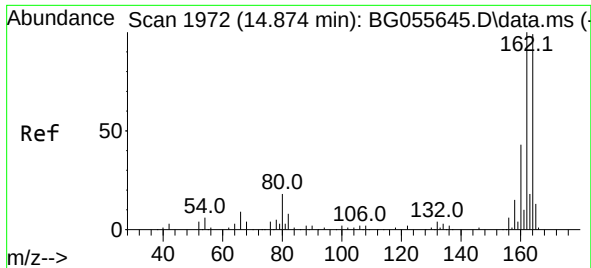


#38
1-Methylnaphthalene
Concen: 6.933 ng
RT: 12.931 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



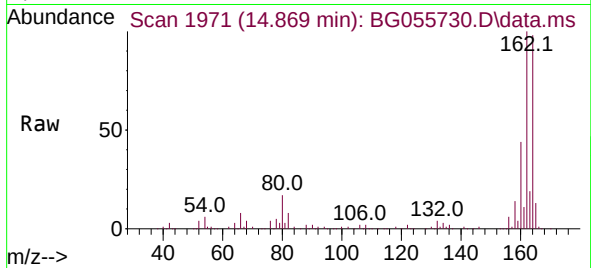
Tgt Ion:142 Resp: 62191
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
116 4.3 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

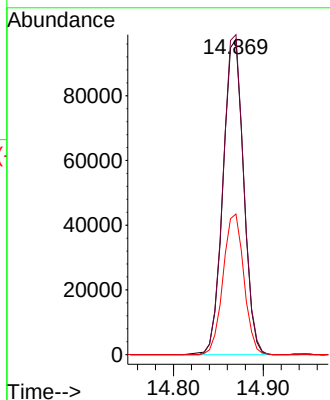
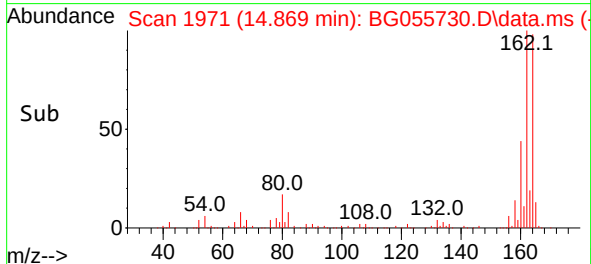
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:164 Resp: 155062
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 44.6 34.8 52.2

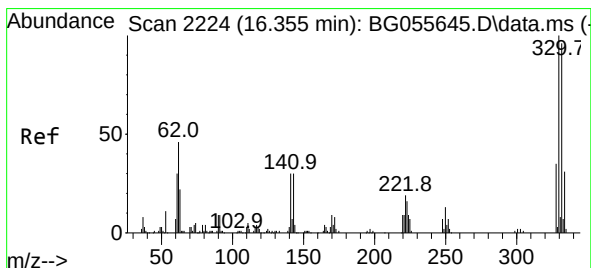
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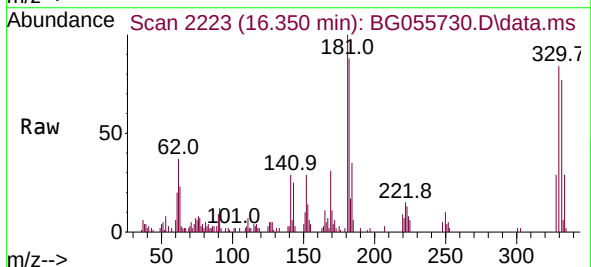


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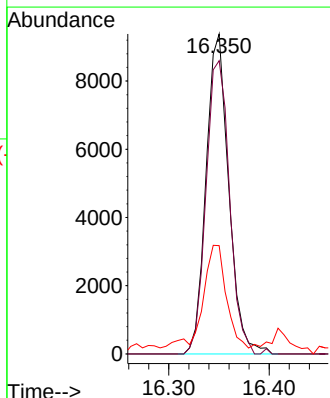
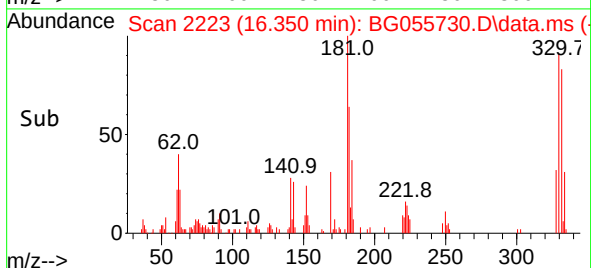
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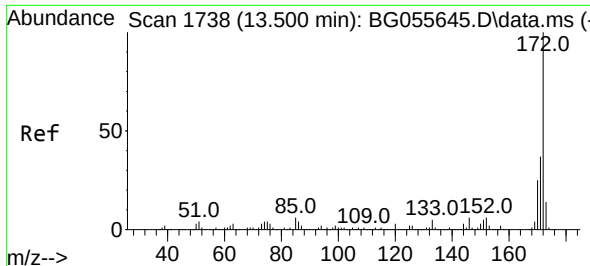


#42
2,4,6-Tribromophenol
Concen: 6.735 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



Tgt Ion:330 Resp: 14706
Ion Ratio Lower Upper
330 100
332 94.7 77.8 116.8
141 38.9 23.9 35.9#





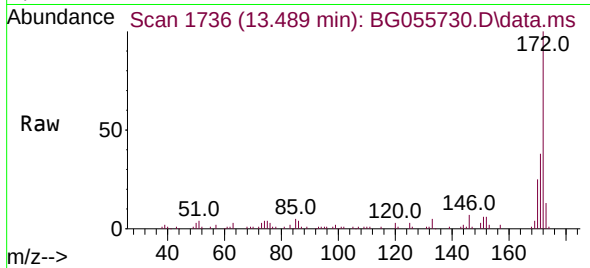
#45
2-Fluorobiphenyl
Concen: 5.285 ng
RT: 13.489 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :

BNA_G

ClientSampleId :

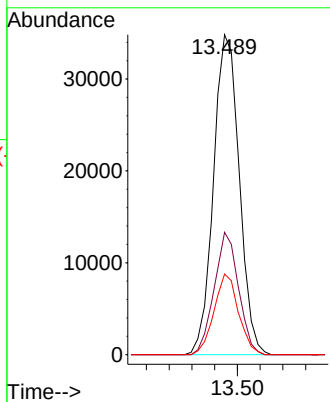
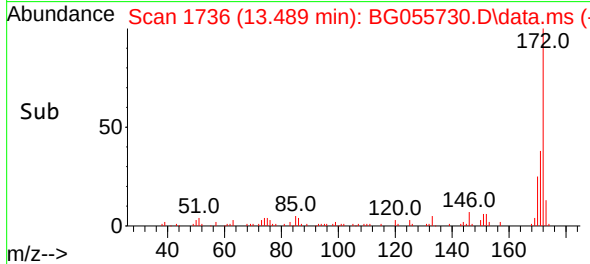
SU-03-111722DL



Tgt Ion:172 Resp: 54706
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.6
170 25.2 20.2 30.4

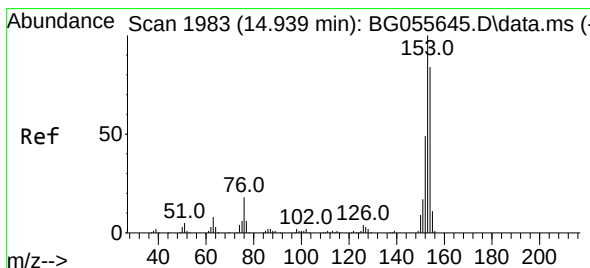
Manual Integrations
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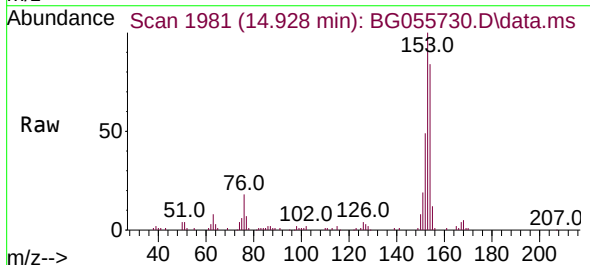


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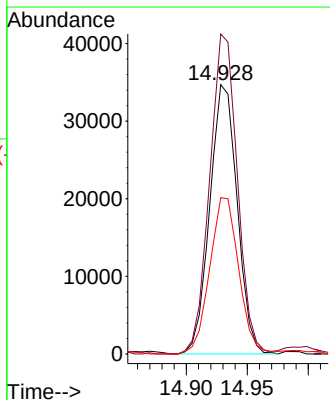
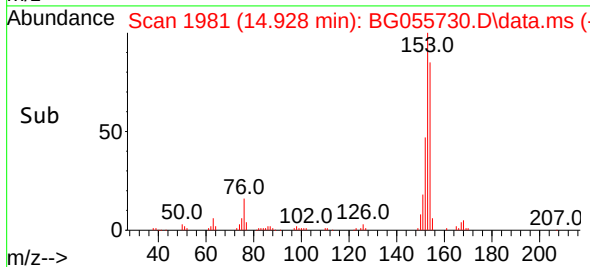
11/22/2022

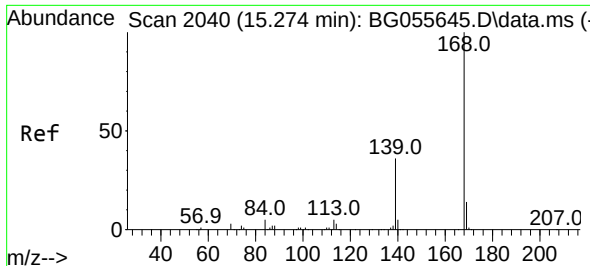


#52
Acenaphthene
Concen: 5.749 ng
RT: 14.928 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



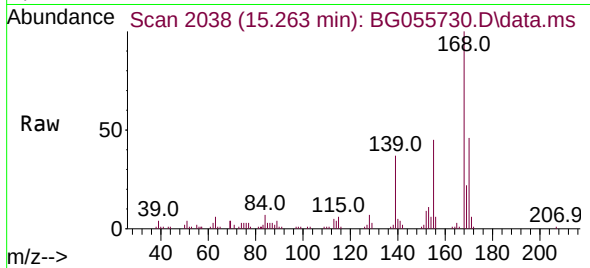
Tgt Ion:154 Resp: 54342
Ion Ratio Lower Upper
154 100
153 118.9 95.0 142.4
152 58.0 46.1 69.1





#55
Dibenzofuran
Concen: 2.994 ng
RT: 15.263 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

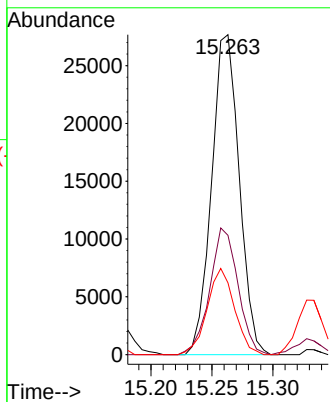
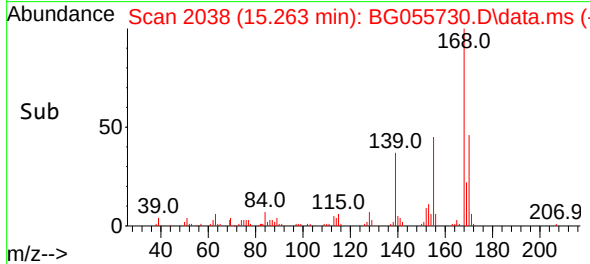
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:168 Resp: 43654
Ion Ratio Lower Upper
168 100
139 37.3 28.8 43.2
169 22.4 11.0 16.4

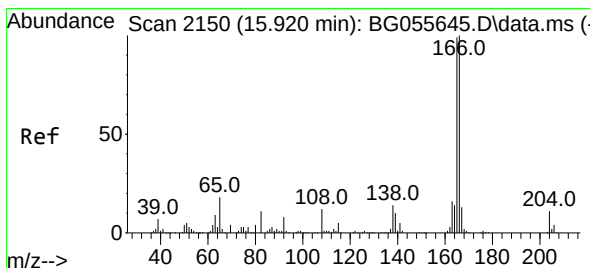
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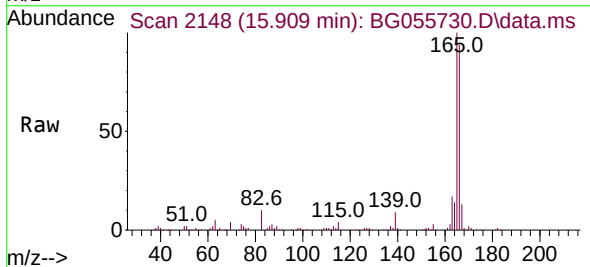


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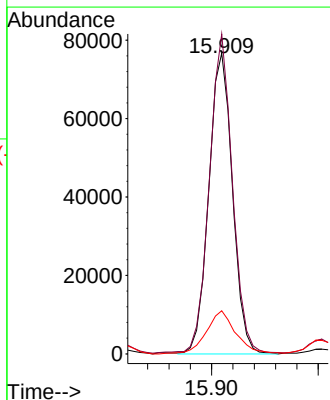
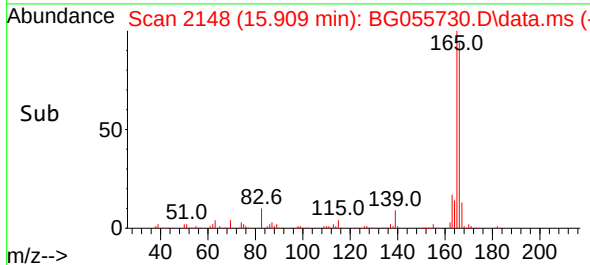
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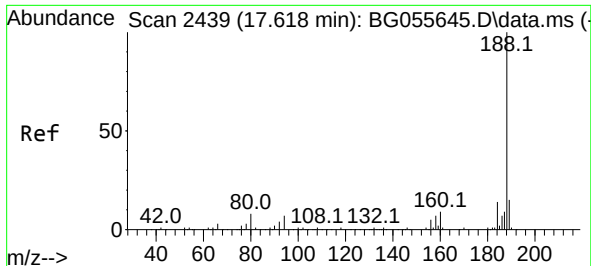


#58
Fluorene
Concen: 10.141 ng
RT: 15.909 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



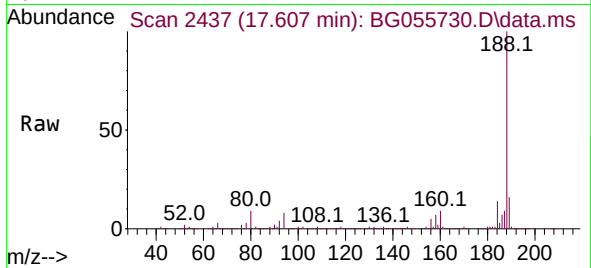
Tgt Ion:166 Resp: 118102
Ion Ratio Lower Upper
166 100
165 106.4 79.3 118.9
167 14.3 10.6 15.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

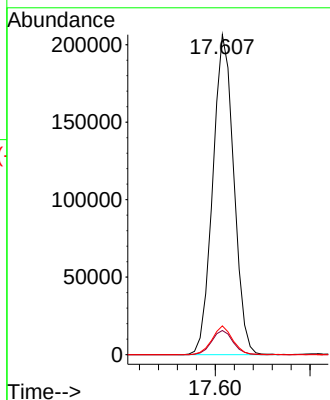
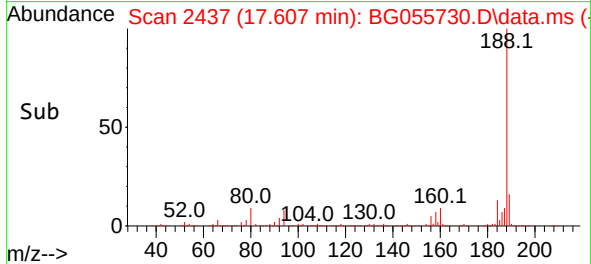
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:188 Resp: 31807
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.2
80 9.0 6.6 10.0

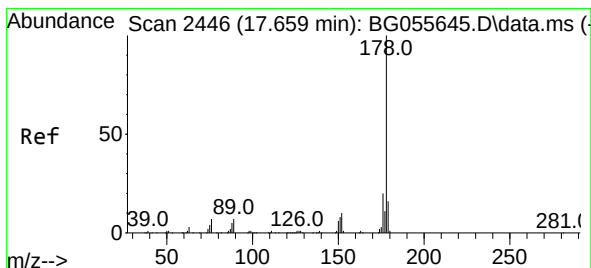
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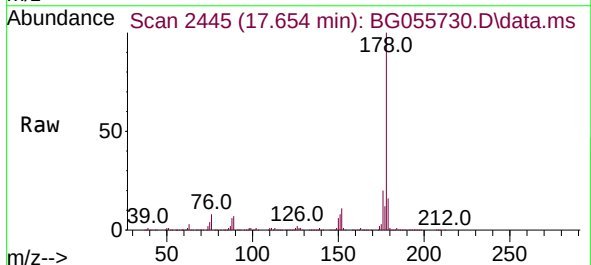


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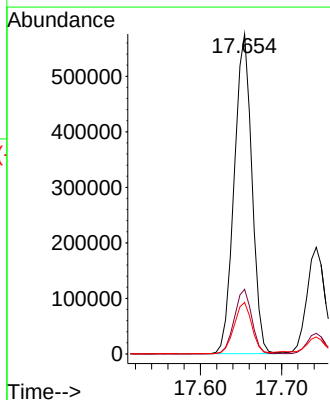
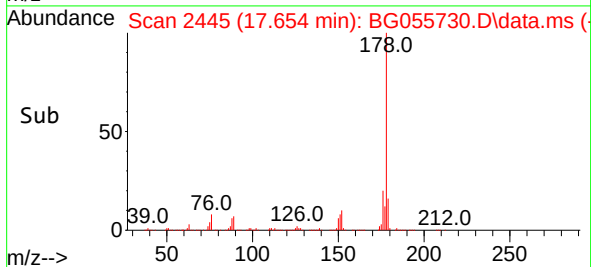
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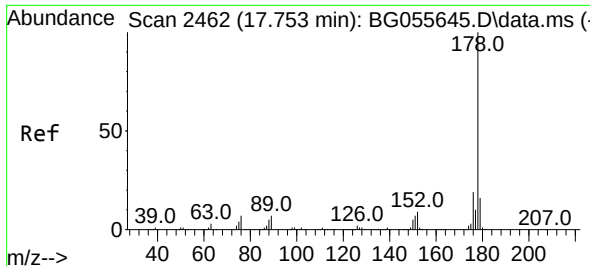


#71
Phenanthrene
Concen: 50.724 ng
RT: 17.654 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



Tgt Ion:178 Resp: 870660
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.1 12.7 19.1





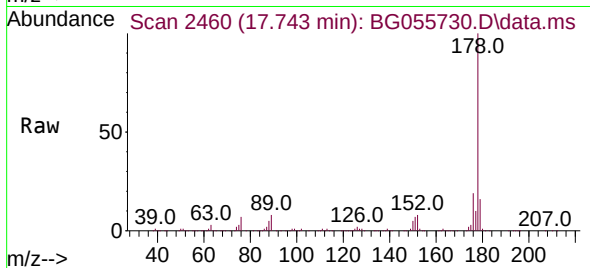
#72
 Anthracene
 Concen: 17.089 ng
 RT: 17.743 min Scan# 2462
 Delta R.T. -0.011 min
 Lab File: BG055730.D
 Acq: 22 Nov 2022 1:14

Instrument :

BNA_G

ClientSampleId :

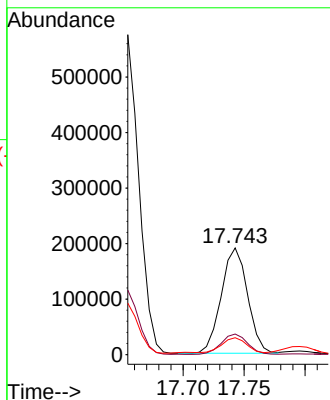
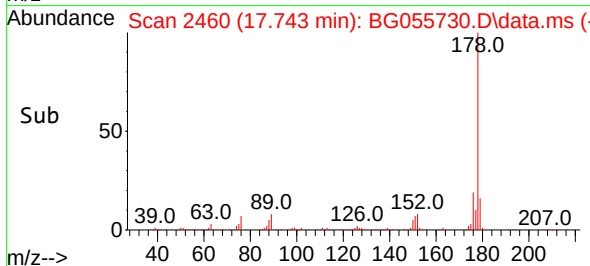
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Tgt Ion:178 Resp: 285004
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.9 12.5 18.7

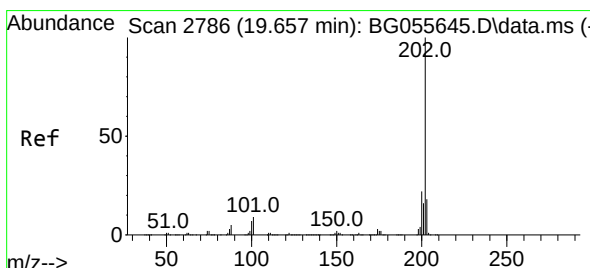
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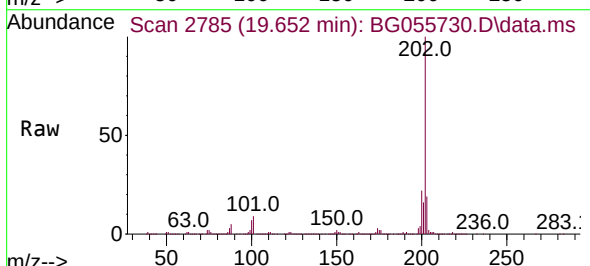


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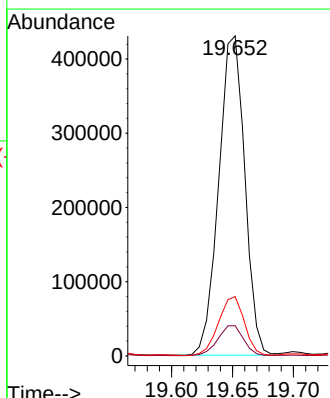
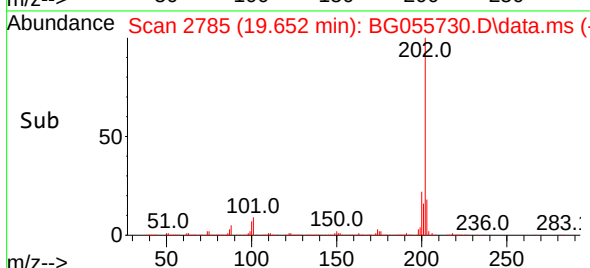
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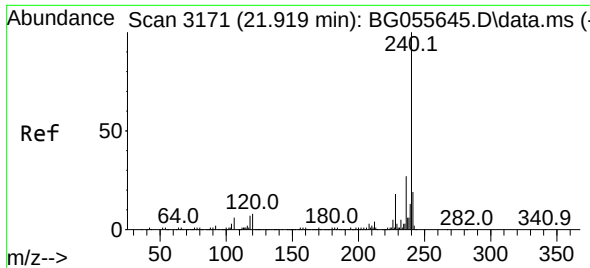


#75
 Fluoranthene
 Concen: 30.650 ng
 RT: 19.652 min Scan# 2785
 Delta R.T. -0.005 min
 Lab File: BG055730.D
 Acq: 22 Nov 2022 1:14



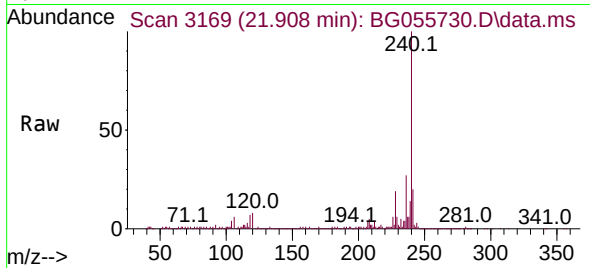
Tgt Ion:202 Resp: 640047
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 28.8
 203 18.5 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

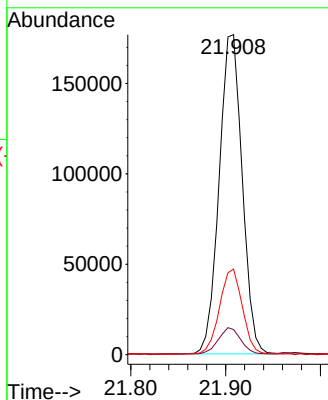
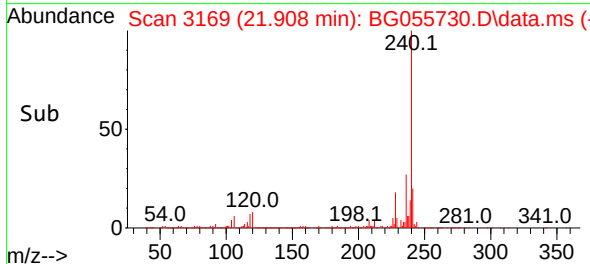
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:240 Resp: 298515
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.7 21.9 32.9

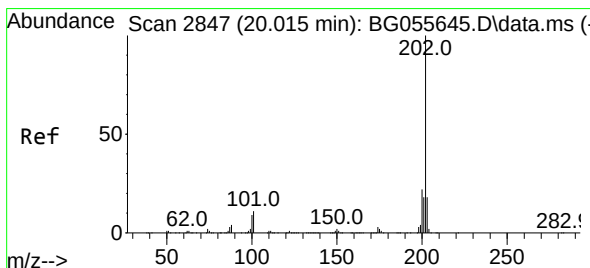
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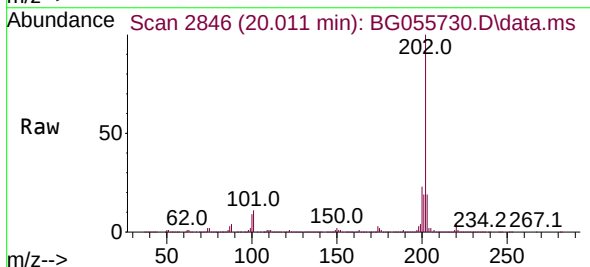


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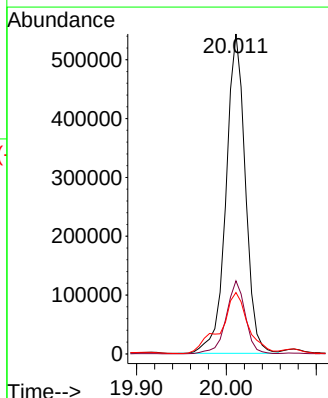
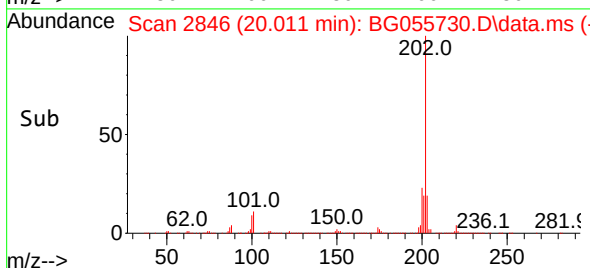
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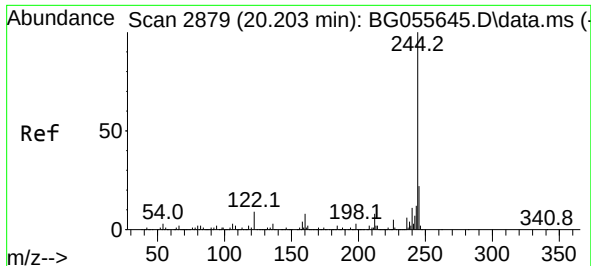


#78
Pyrene
Concen: 40.345 ng
RT: 20.011 min Scan# 2846
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



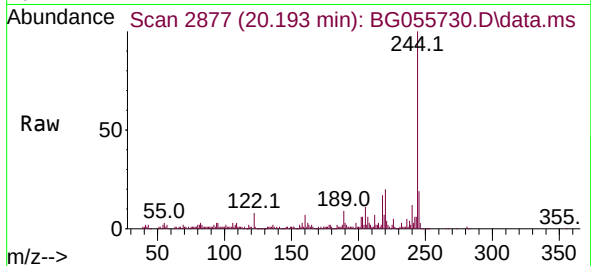
Tgt Ion:202 Resp: 815207
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 19.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 5.570 ng
 RT: 20.193 min Scan# 2879
 Delta R.T. -0.011 min
 Lab File: BG055730.D
 Acq: 22 Nov 2022 1:14

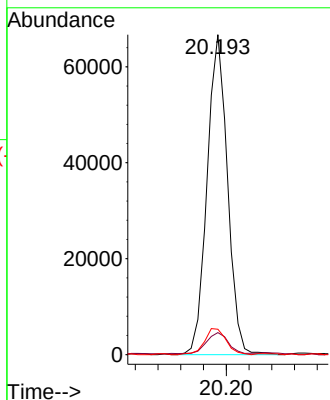
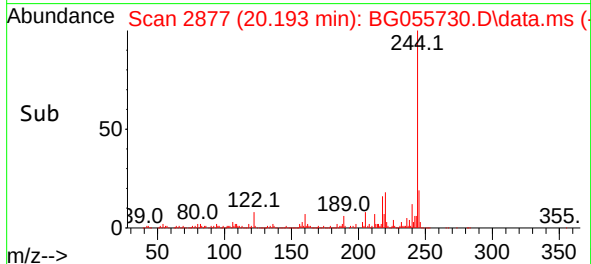
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-111722DL



Tgt Ion:244 Resp: 83132
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 7.9 6.9 10.3

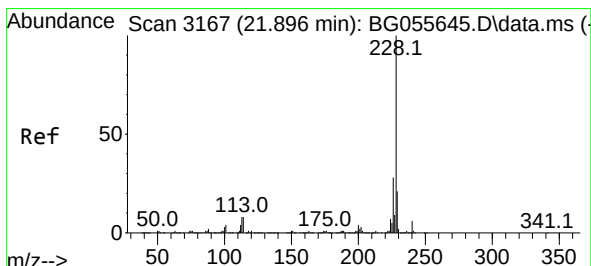
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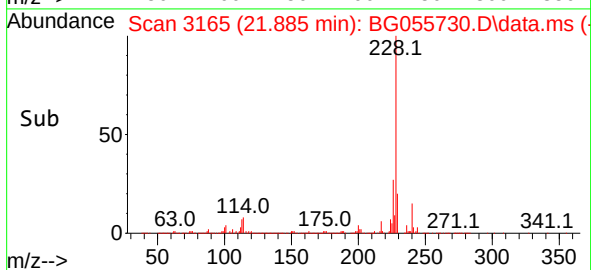
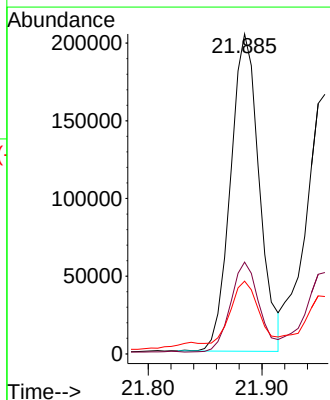
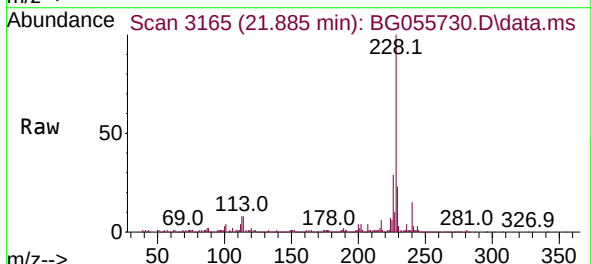
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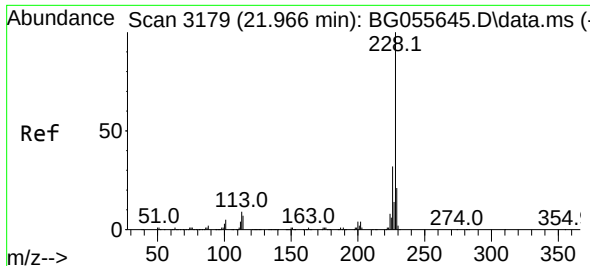
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#81
 Benzo(a)anthracene
 Concen: 17.474 ng
 RT: 21.885 min Scan# 3165
 Delta R.T. -0.011 min
 Lab File: BG055730.D
 Acq: 22 Nov 2022 1:14

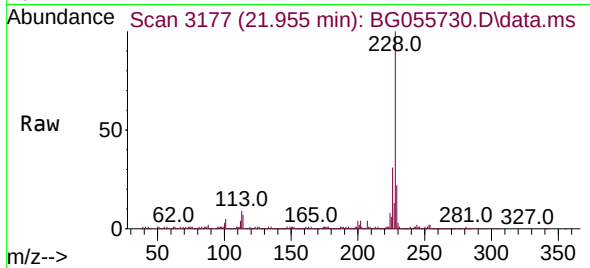
Tgt Ion:228 Resp: 359281
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.7 34.1
 229 22.7 16.5 24.7





#83
Chrysene
Concen: 16.260 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

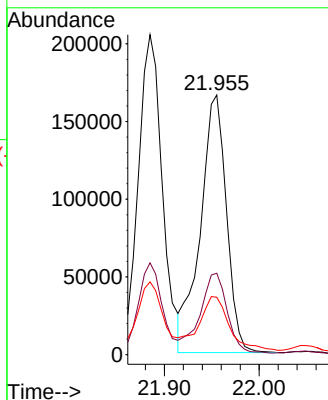
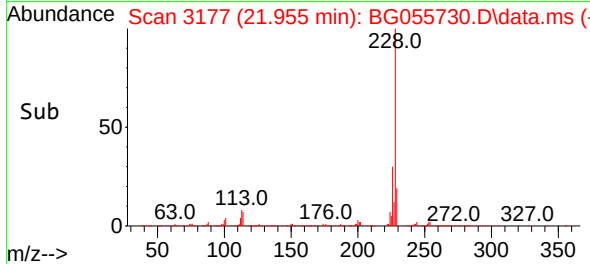
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion:228 Resp: 318273
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.2
229 22.1 17.1 25.7

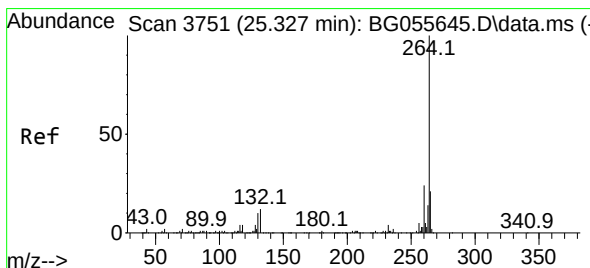
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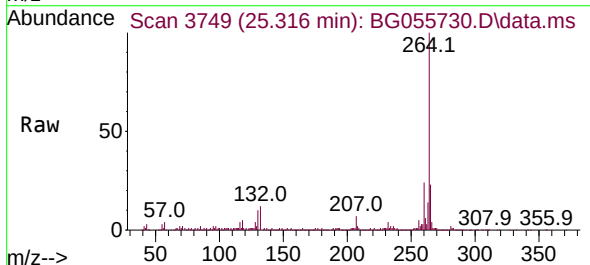


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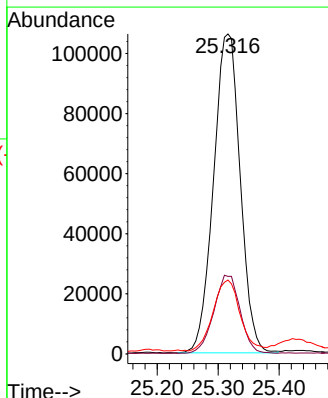
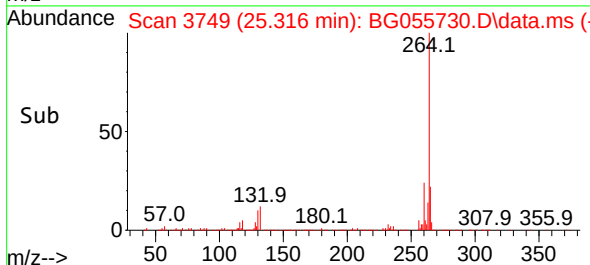
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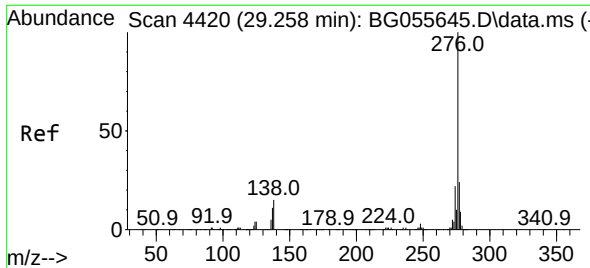


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.316 min Scan# 3749
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14



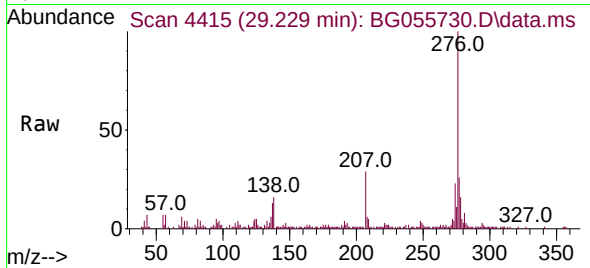
Tgt Ion:264 Resp: 322772
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 23.1 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.028 ng
RT: 29.229 min Scan# 4420
Delta R.T. -0.028 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

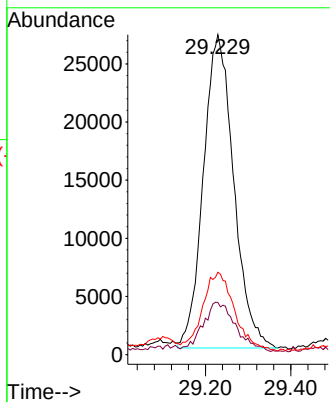
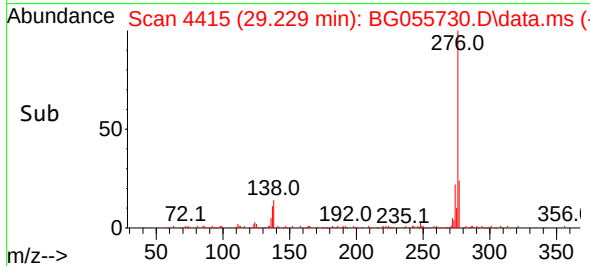
Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL



Tgt Ion: 276 Resp: 132945
Ion Ratio Lower Upper
276 100
138 17.0 10.4 15.6
277 26.7 20.2 30.4

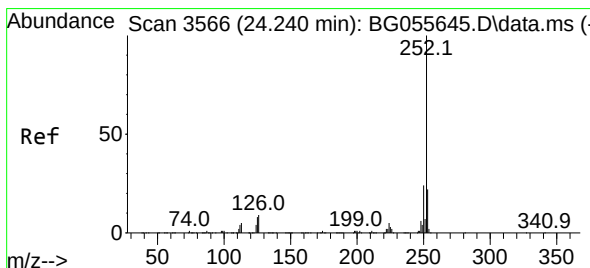
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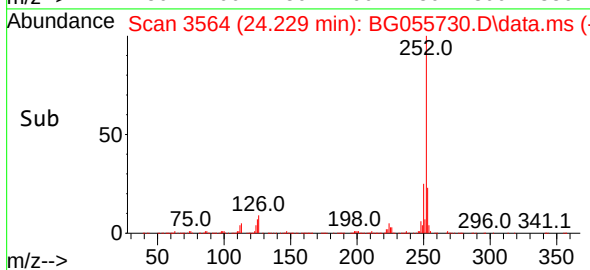
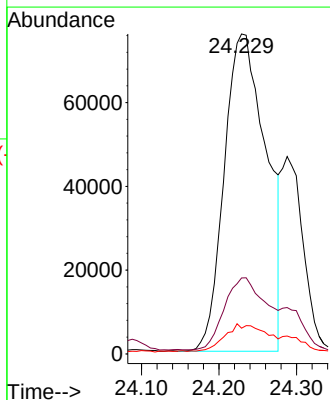
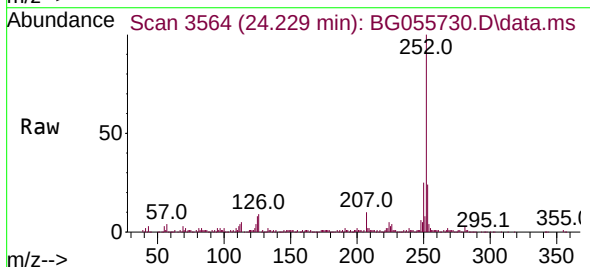
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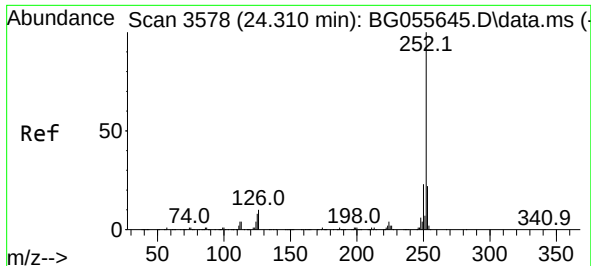
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#88
Benzo(b)fluoranthene
Concen: 13.614 ng
RT: 24.229 min Scan# 3564
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion: 252 Resp: 286168
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 8.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 4.346 ng m

RT: 24.288 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG055730.D

Acq: 22 Nov 2022 1:14

Instrument :

BNA_G

ClientSampleId :

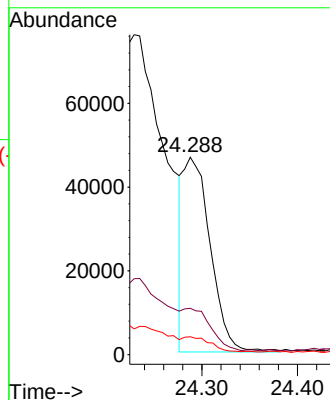
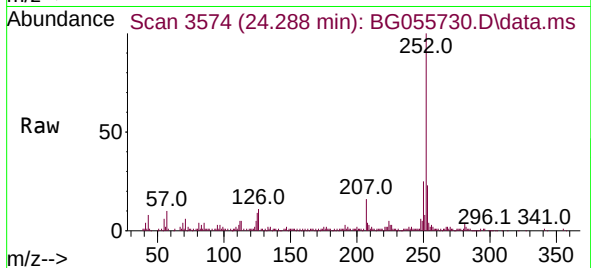
SU-03-111722DL

Tgt Ion:252 Resp: 91073

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	9.0	6.1	9.1

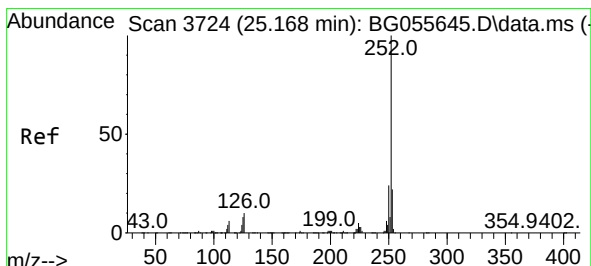
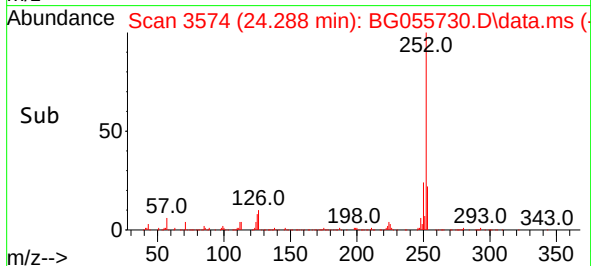
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#90

Benzo(a)pyrene

Concen: 15.338 ng

RT: 25.152 min Scan# 3721

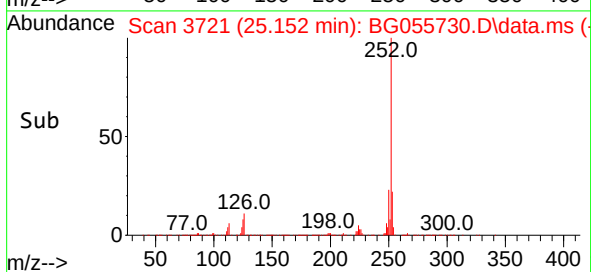
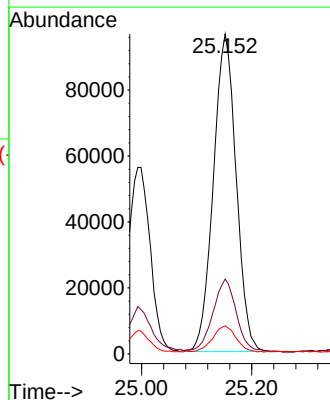
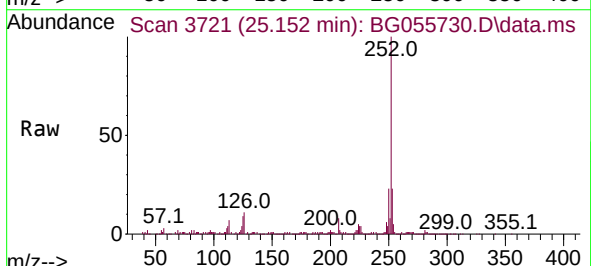
Delta R.T. -0.017 min

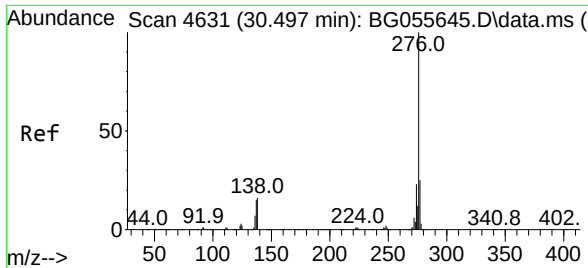
Lab File: BG055730.D

Acq: 22 Nov 2022 1:14

Tgt Ion:252 Resp: 276674

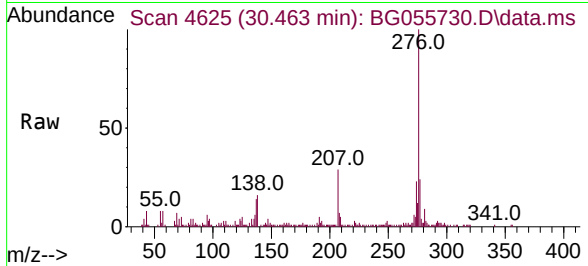
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.8	6.4	9.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.462 ng
 RT: 30.463 min Scan# 4625
 Delta R.T. -0.034 min
 Lab File: BG055730.D
 Acq: 22 Nov 2022 1:14

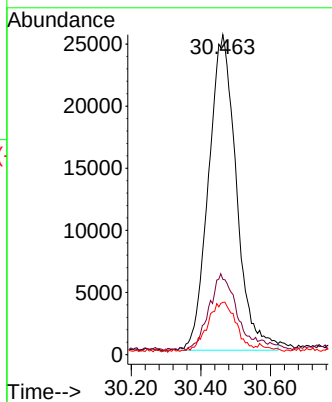
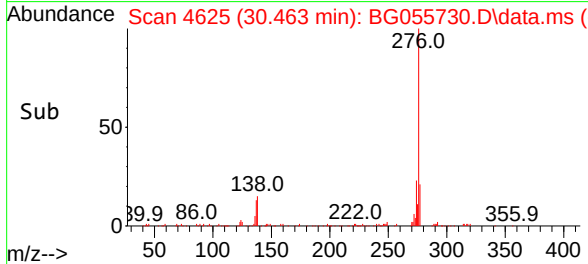
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-111722DL



Tgt Ion:	276	Resp:	140738
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.8	29.6
138	16.3	13.1	19.7

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 Upadhyay

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