

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049970.D
 Acq On : 25 Aug 2021 16:12
 Operator : CG/JU
 Sample : M3533-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-0824-21

Manual Integrations
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 8/26/2021 11:38:53 AM

Quant Time: Aug 25 16:59:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	32624	20.000	ng	-0.01
21) Naphthalene-d8	10.795	136	136813	20.000	ng	-0.02
39) Acenaphthene-d10	14.637	164	89761	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	172080	20.000	ng	#-0.02
76) Chrysene-d12	21.662	240	143252	20.000	ng	-0.02
86) Perylene-d12	24.899	264	148096	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	186218	102.322	ng	0.00
7) Phenol-d6	7.153	99	260891	94.701	ng	0.00
23) Nitrobenzene-d5	9.150	82	183889	59.478	ng	-0.01
42) 2,4,6-Tribromophenol	16.135	330	126302	95.729	ng	-0.01
45) 2-Fluorobiphenyl	13.250	172	398613	64.617	ng	-0.01
79) Terphenyl-d14	20.000	244	504483	63.960	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.433	178	22762m	2.514	ng	
75) Fluoranthene	19.442	202	97228	8.727	ng	96
78) Pyrene	19.806	202	98169	10.052	ng	97
81) Benzo(a)anthracene	21.645	228	54869	5.881	ng	99
83) Chrysene	21.709	228	50171	5.626	ng	99
87) Indeno(1,2,3-cd)pyrene	28.600	276	45346	4.246	ng	# 94
88) Benzo(b)fluoranthene	23.871	252	81287	8.369	ng	# 85
89) Benzo(k)fluoranthene	23.924	252	36284m	4.005	ng	
90) Benzo(a)pyrene	24.752	252	64390	7.325	ng	# 92
92) Benzo(g,h,i)perylene	29.763	276	45447	5.154	ng	# 93

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

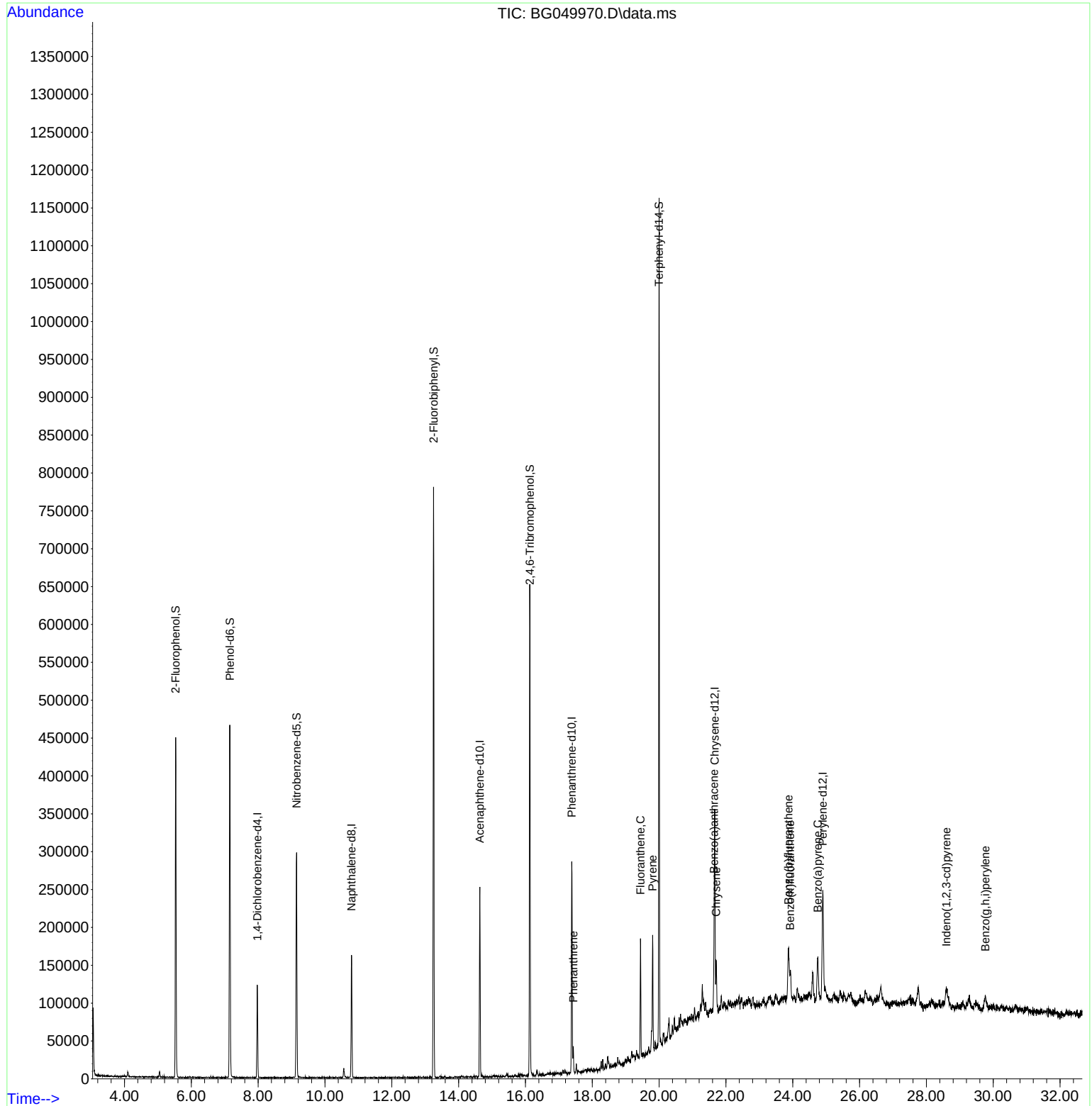
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Data File : BG049970.D
Acq On : 25 Aug 2021 16:12
Operator : CG/JU
Sample : M3533-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

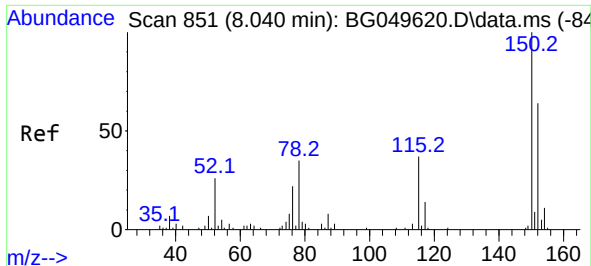
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21

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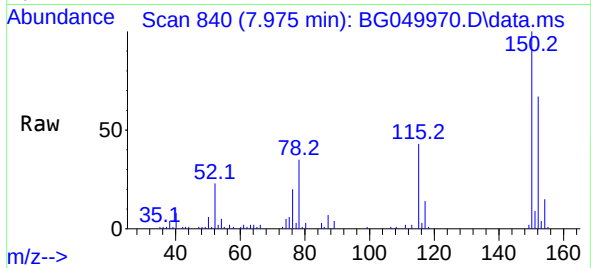
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Quant Time: Aug 25 16:59:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

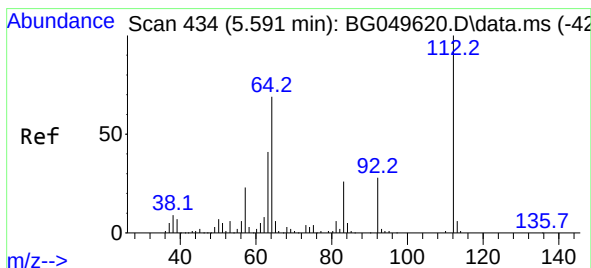
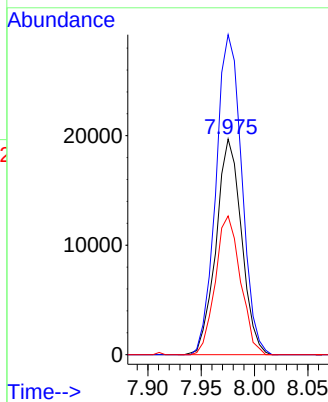
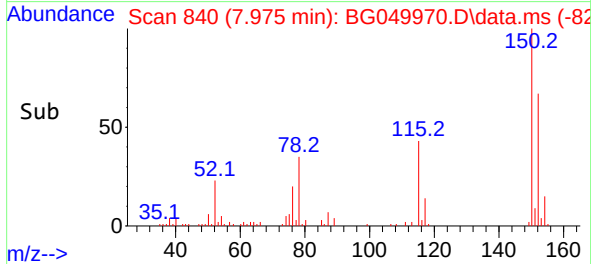




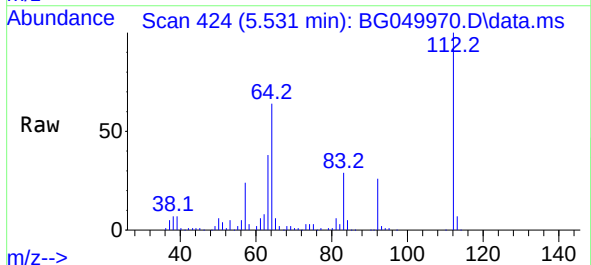
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 840
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



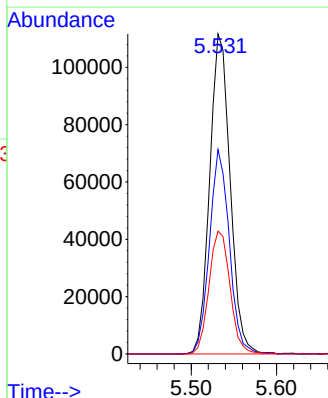
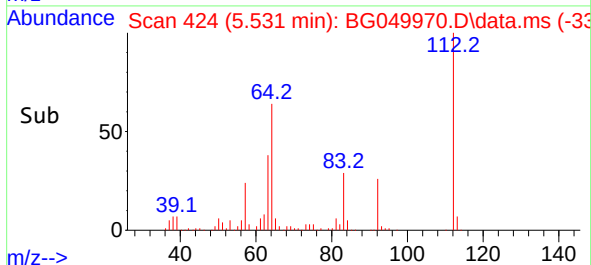
Tgt Ion:152 Resp: 32624
Ion Ratio Lower Upper
152 100
150 148.4 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 102.322 ng
RT: 5.531 min Scan# 424
Delta R.T. -0.005 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



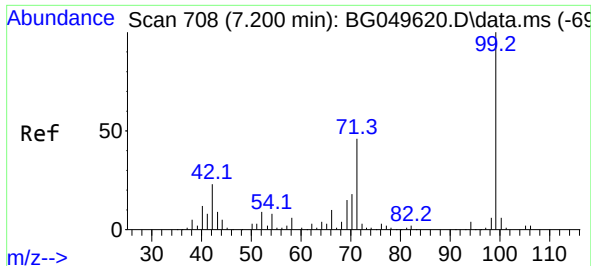
Tgt Ion:112 Resp: 186218
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 38.4 35.3 52.9



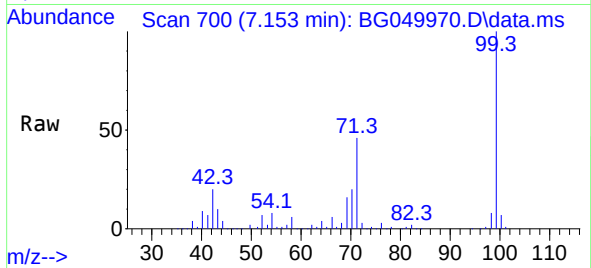
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21

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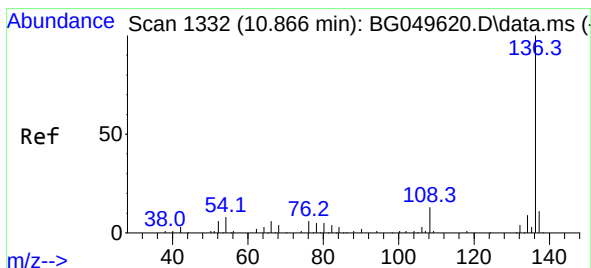
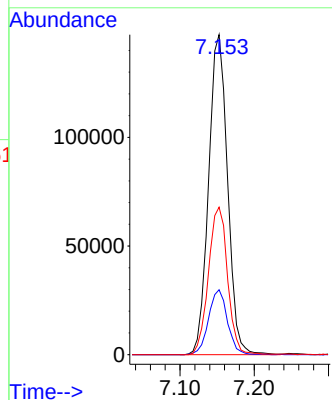
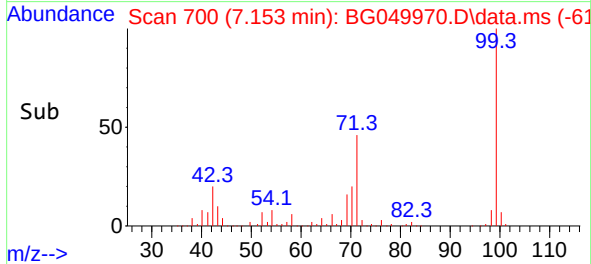
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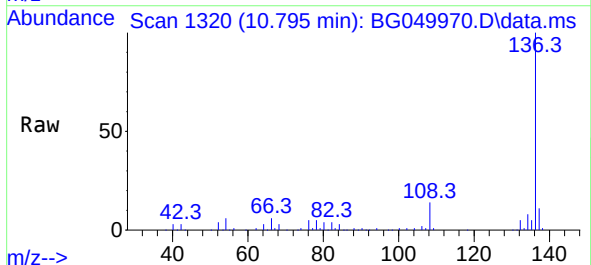
#7
Phenol-d6
Concen: 94.701 ng
RT: 7.153 min Scan# 700
Delta R.T. -0.005 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



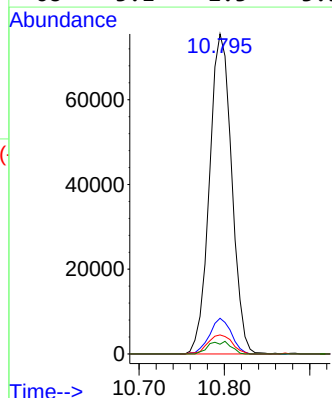
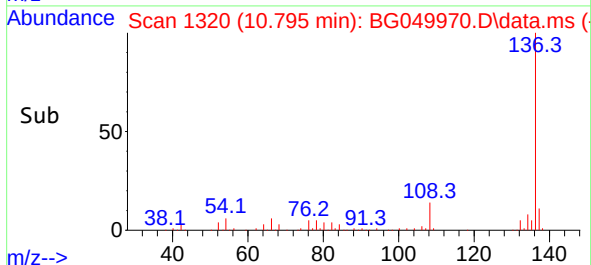
Tgt Ion: 99 Resp: 260891
Ion Ratio Lower Upper
99 100
42 20.3 20.5 30.7#
71 46.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1320
Delta R.T. -0.017 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



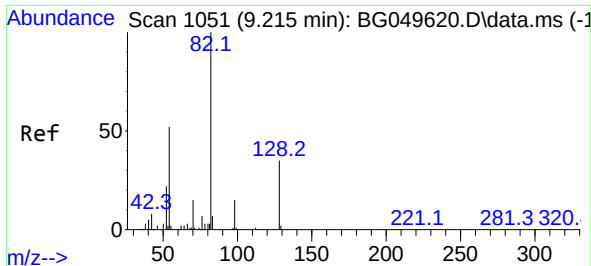
Tgt Ion: 136 Resp: 136813
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 6.0 5.5 8.3
68 3.1 2.3 3.5



Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21

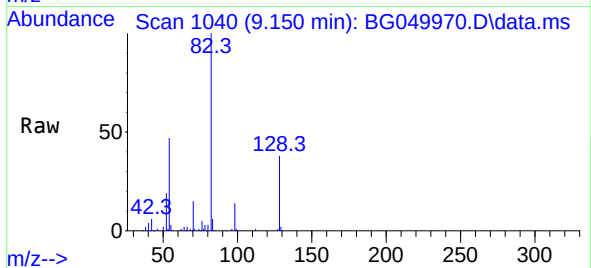
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#23
Nitrobenzene-d5
Concen: 59.478 ng
RT: 9.150 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

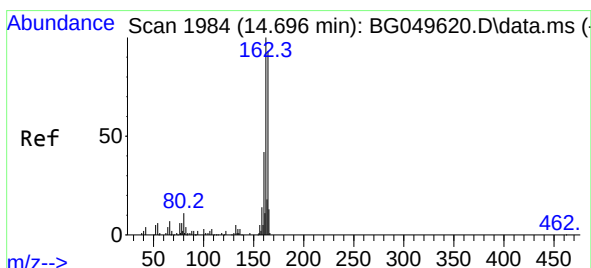
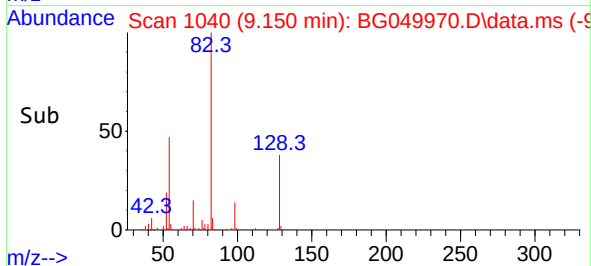
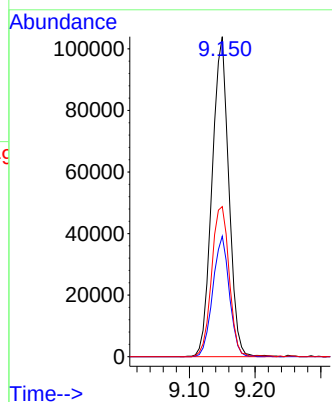
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21



Tgt Ion: 82 Resp: 183889
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 46.9 45.8 68.8

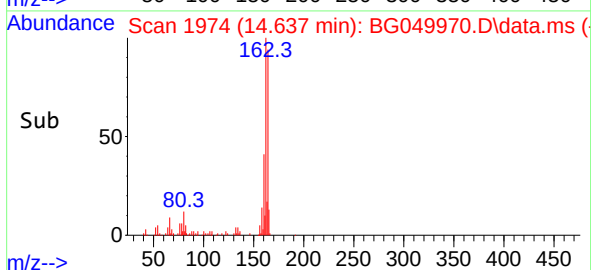
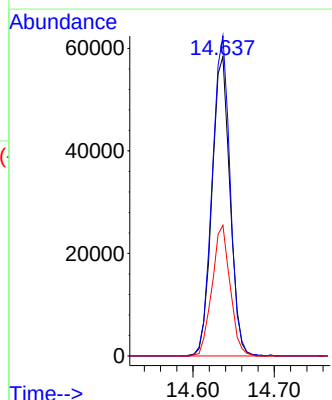
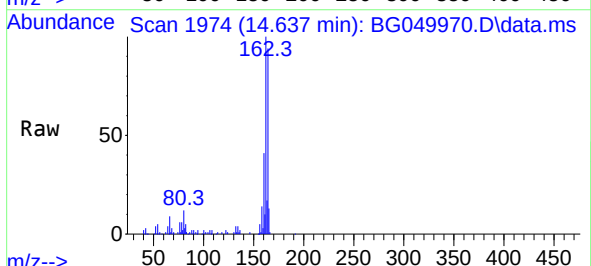
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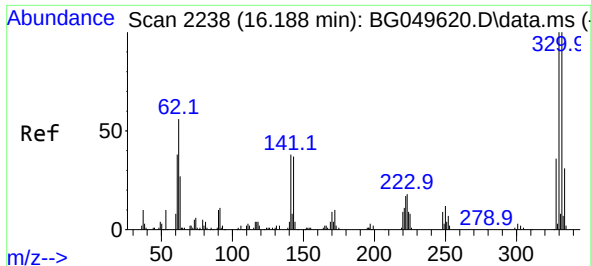
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.637 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

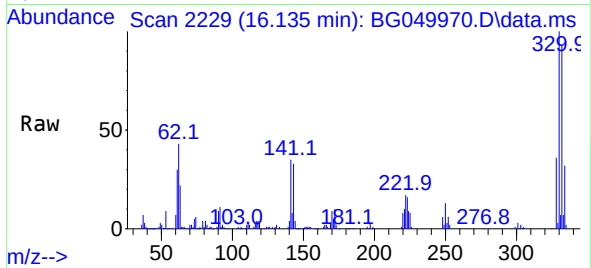
Tgt Ion: 164 Resp: 89761
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 43.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 95.729 ng
RT: 16.135 min Scan# 2229
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

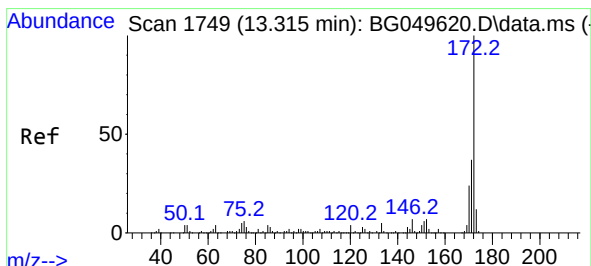
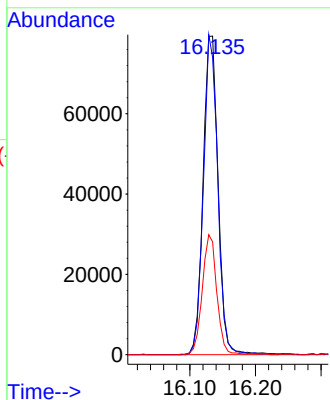
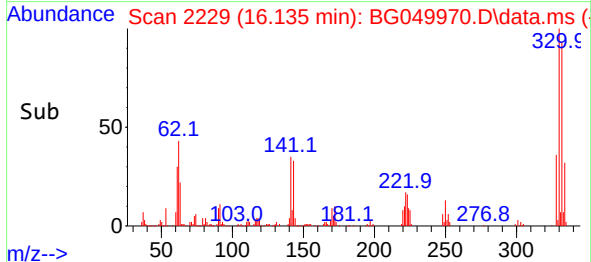
Instrument :
BNA_G
ClientSampled :
CL-02-0824-21



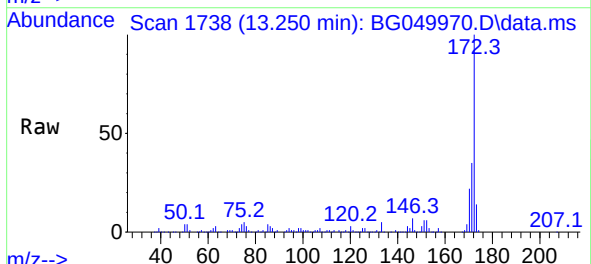
Tgt Ion:330 Resp: 126302
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 36.5 35.6 53.4

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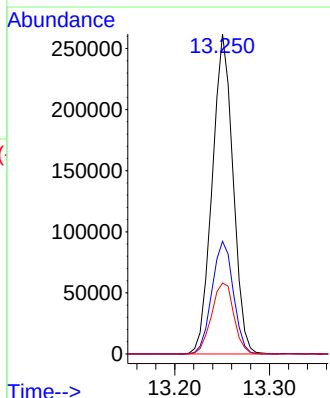
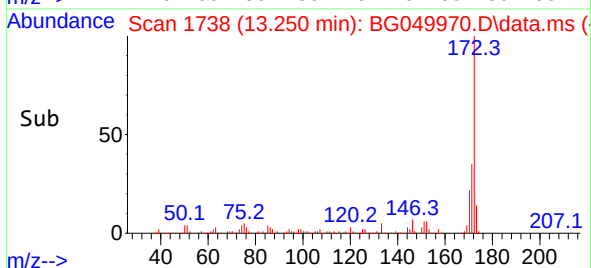
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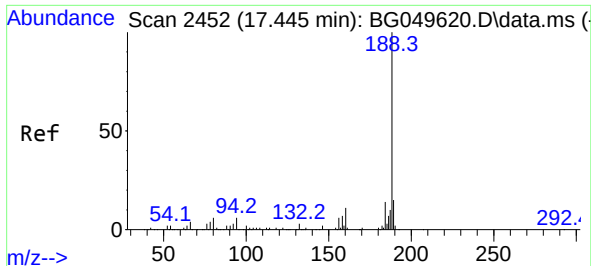


#45
2-Fluorobiphenyl
Concen: 64.617 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



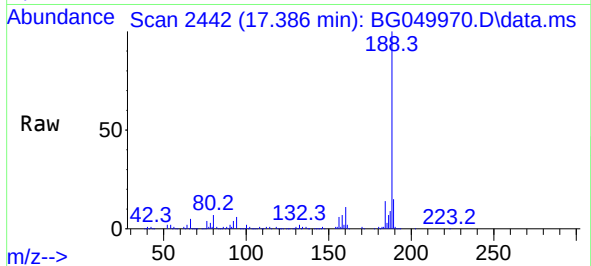
Tgt Ion:172 Resp: 398613
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 22.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2442
Delta R.T. -0.017 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

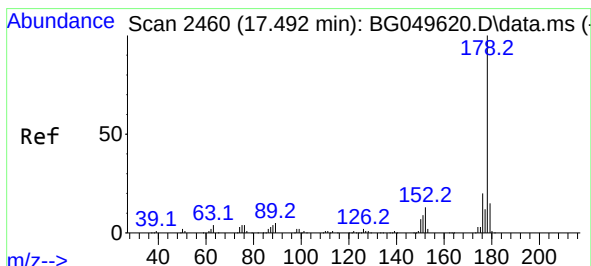
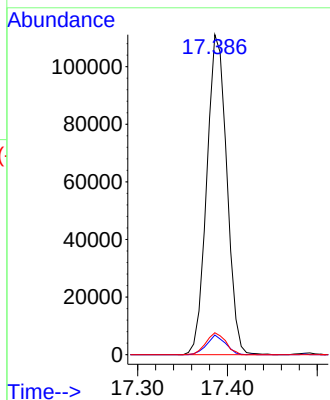
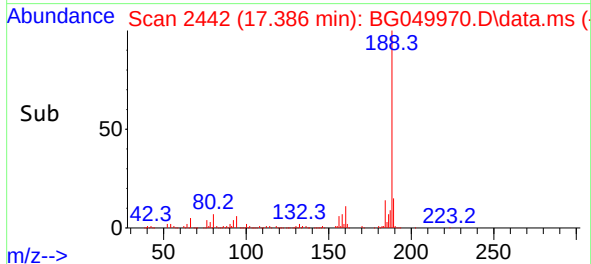
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21



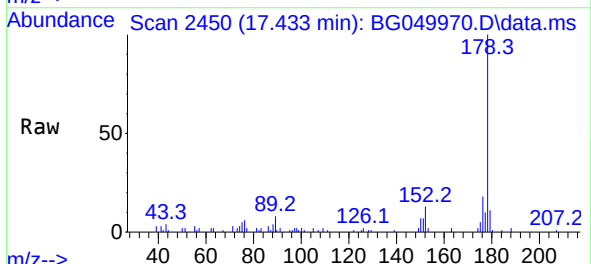
Tgt Ion:188 Resp: 172080
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.8 3.7 5.5#

Manual Integrations
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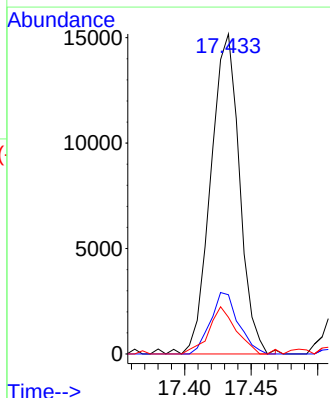
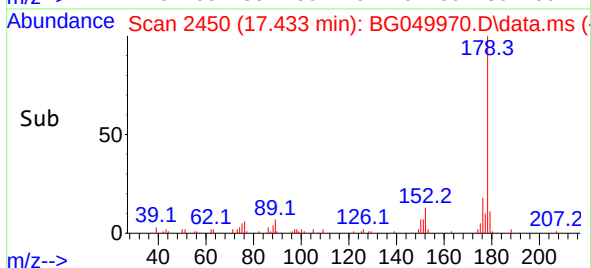
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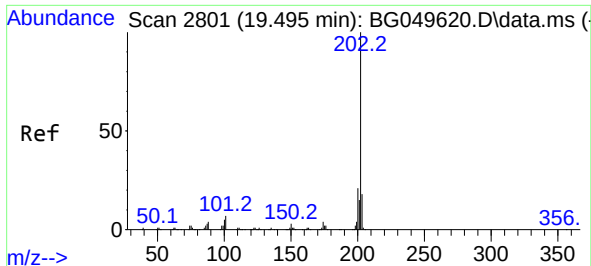


#71
Phenanthrene
Concen: 2.514 ng m
RT: 17.433 min Scan# 2450
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



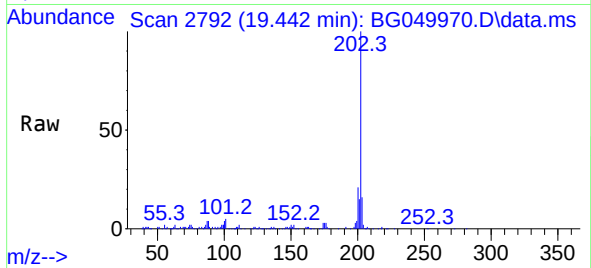
Tgt Ion:178 Resp: 22762
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 11.5 14.2 21.4#





#75
Fluoranthene
Concen: 8.727 ng
RT: 19.442 min Scan# 2792
Delta R.T. -0.017 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

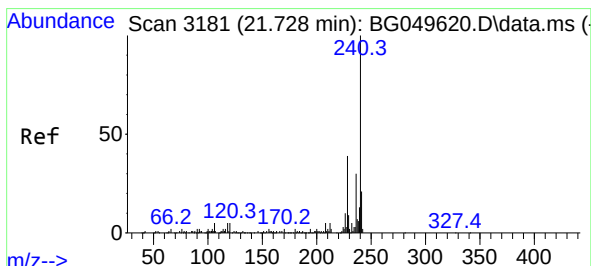
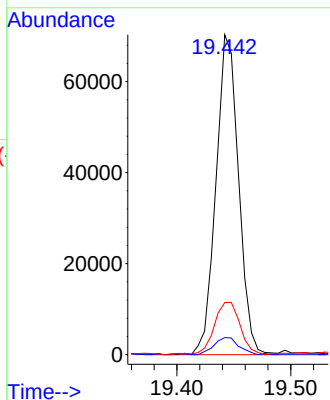
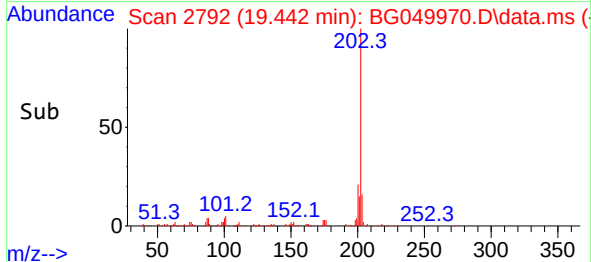
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21



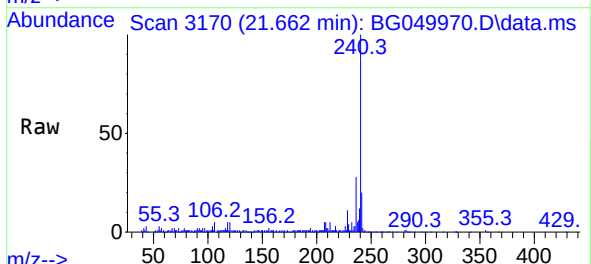
Tgt Ion:202 Resp: 97228
Ion Ratio Lower Upper
202 100
101 5.4 0.0 24.7
203 16.3 0.0 38.5

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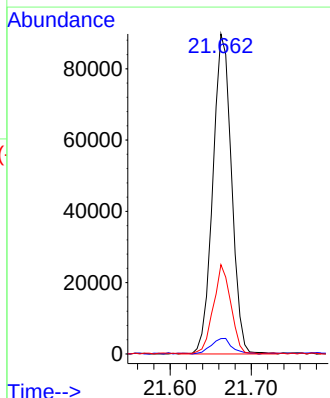
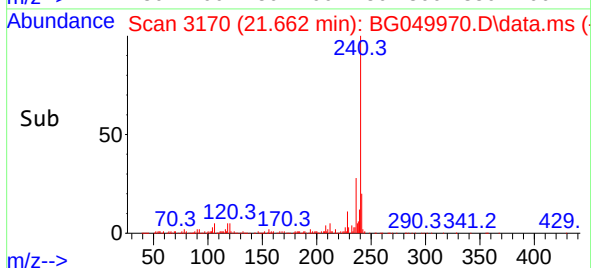
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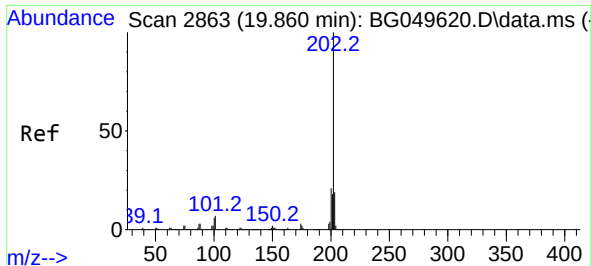


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



Tgt Ion:240 Resp: 143252
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 27.9 21.8 32.6





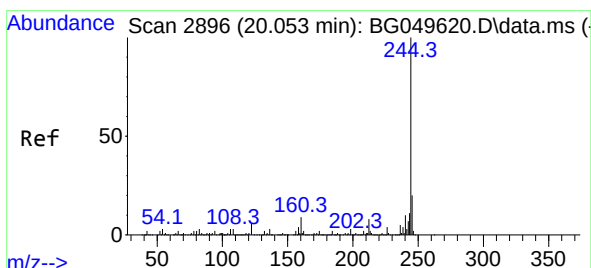
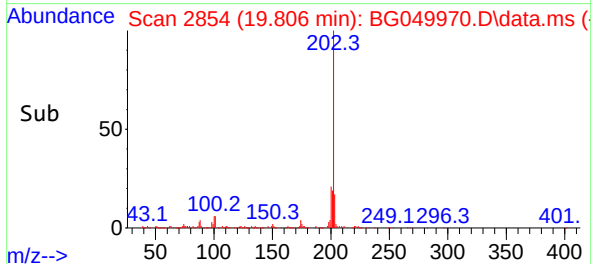
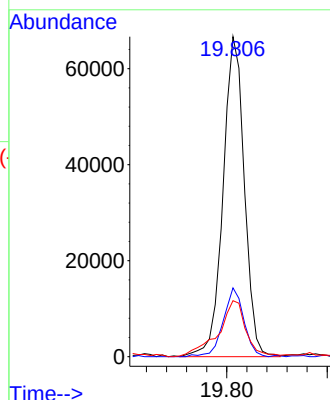
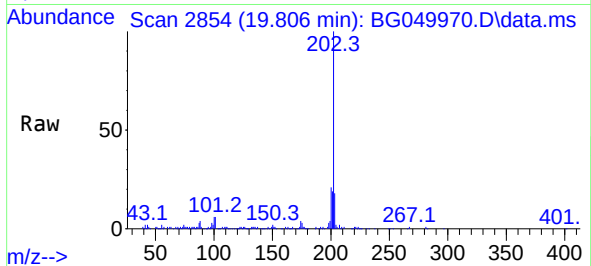
#78
Pyrene
Concen: 10.052 ng
RT: 19.806 min Scan# 2854
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

Tgt Ion:	202	Resp:	98169
Ion Ratio	Lower	Upper	
202	100		
200	21.5	15.8	23.8
203	17.5	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21

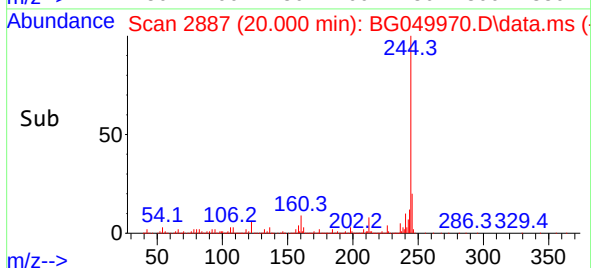
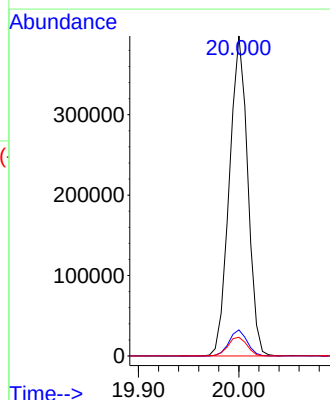
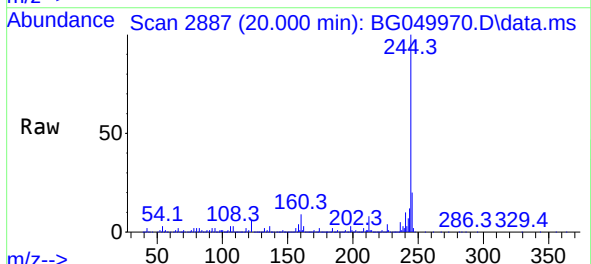
Manual Integrations
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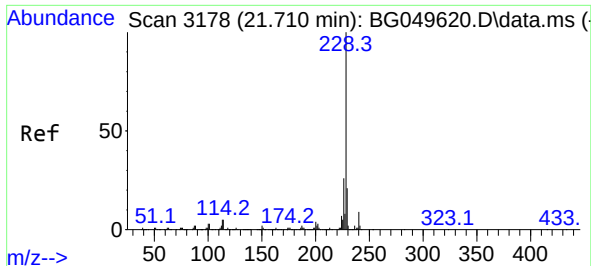
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#79
Terphenyl-d14
Concen: 63.960 ng
RT: 20.000 min Scan# 2887
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

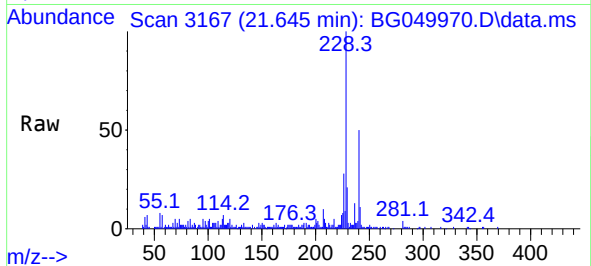
Tgt Ion:	244	Resp:	504483
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.9	10.3
122	5.9	5.0	7.6





#81
Benzo(a)anthracene
Concen: 5.881 ng
RT: 21.645 min Scan# 3167
Delta R.T. -0.011 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

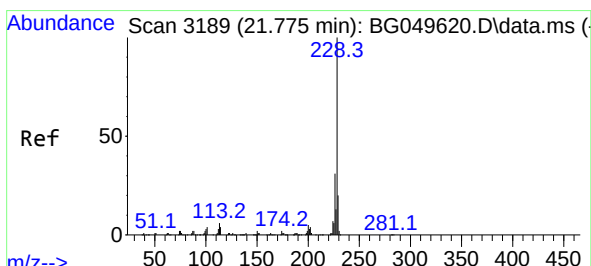
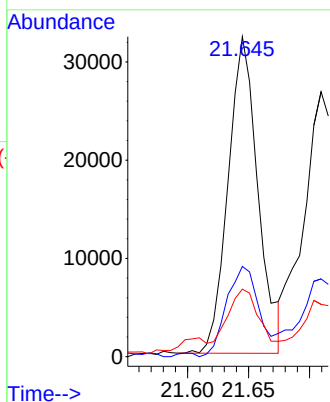
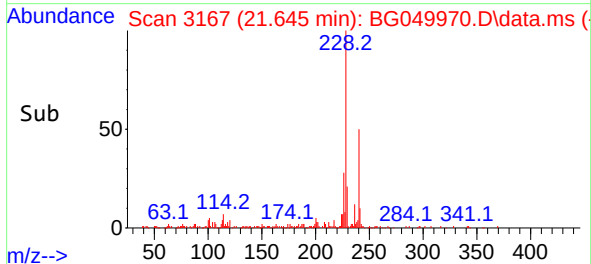
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21



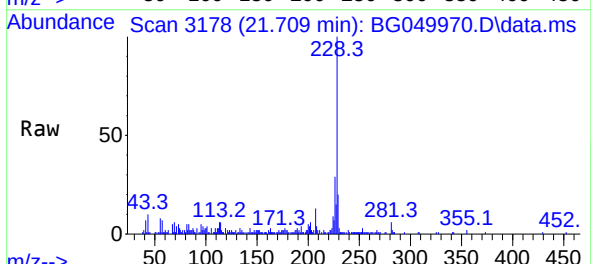
Tgt Ion:228 Resp: 54869
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 21.1 16.0 24.0

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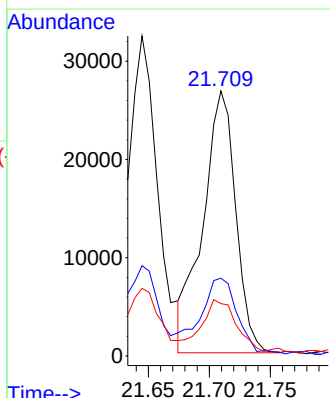
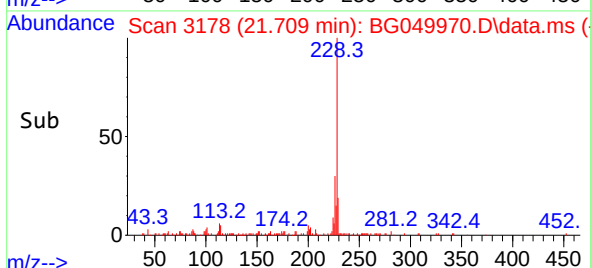
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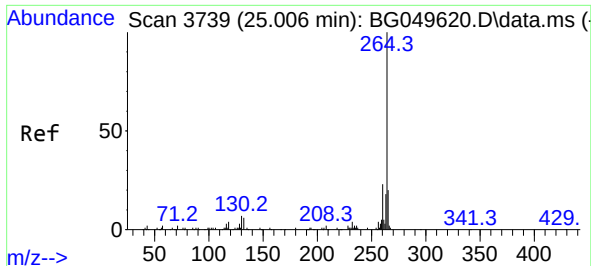


#83
Chrysene
Concen: 5.626 ng
RT: 21.709 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



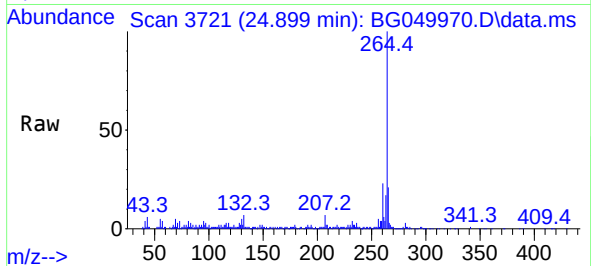
Tgt Ion:228 Resp: 50171
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 19.8 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.899 min Scan# 3721
 Delta R.T. -0.023 min
 Lab File: BG049970.D
 Acq: 25 Aug 2021 16:12

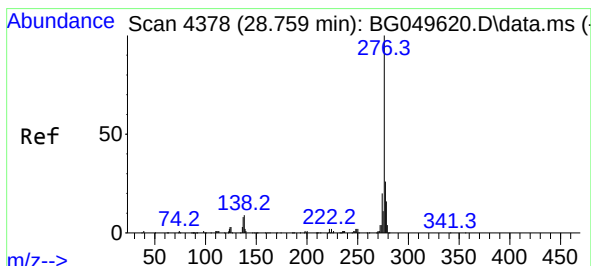
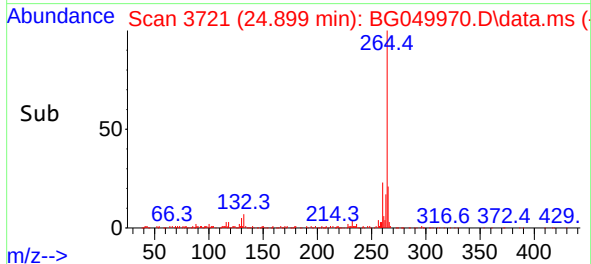
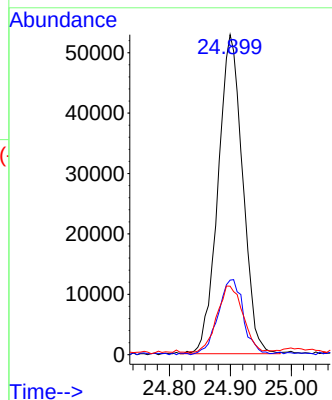
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-0824-21



Tgt Ion:264 Resp: 148096
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.4 16.9 25.3

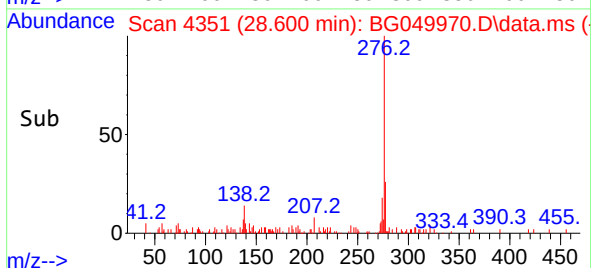
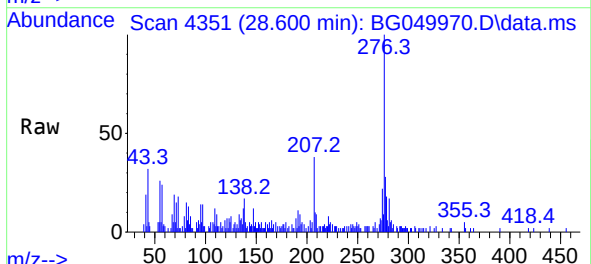
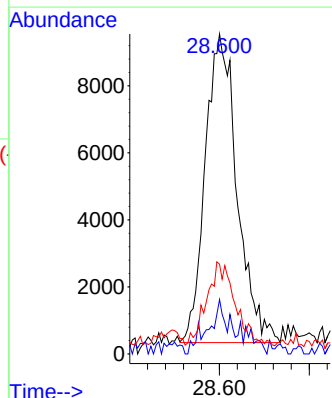
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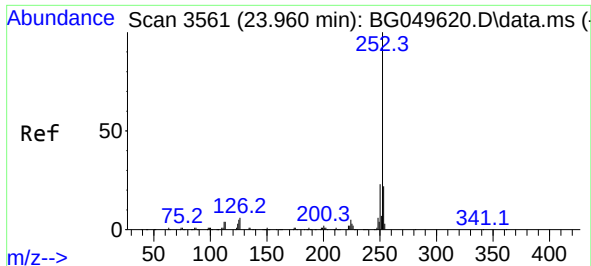
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.246 ng
 RT: 28.600 min Scan# 4351
 Delta R.T. -0.046 min
 Lab File: BG049970.D
 Acq: 25 Aug 2021 16:12

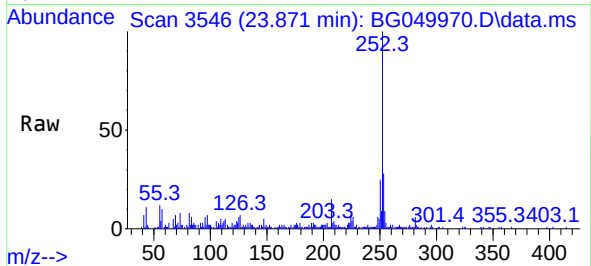
Tgt Ion:276 Resp: 45346
 Ion Ratio Lower Upper
 276 100
 138 2.6 5.1 7.7#
 277 22.5 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 8.369 ng
RT: 23.871 min Scan# 3546
Delta R.T. -0.023 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

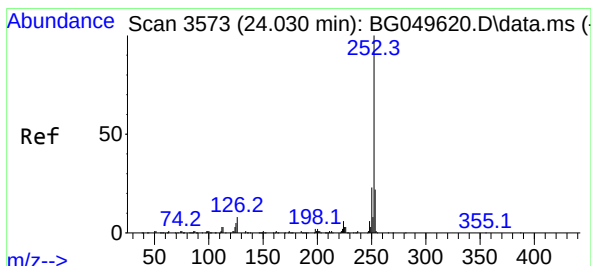
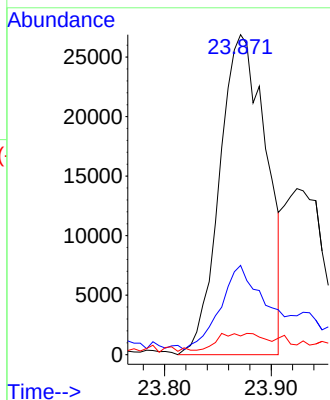
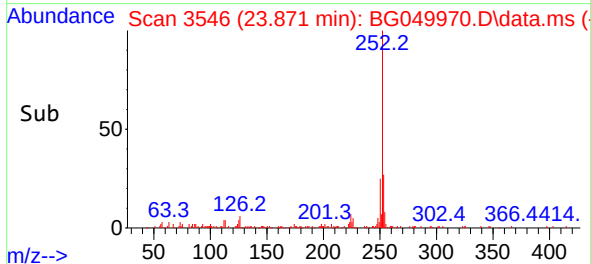
Instrument :
BNA_G
ClientSampled :
CL-02-0824-21



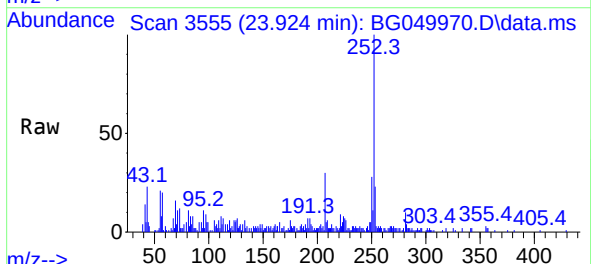
Tgt Ion:252 Resp: 81287
Ion Ratio Lower Upper
252 100
253 27.9 16.2 24.4#
125 5.8 3.0 4.4#

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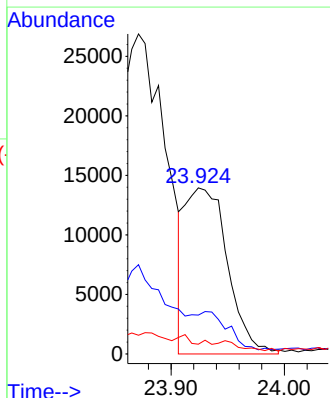
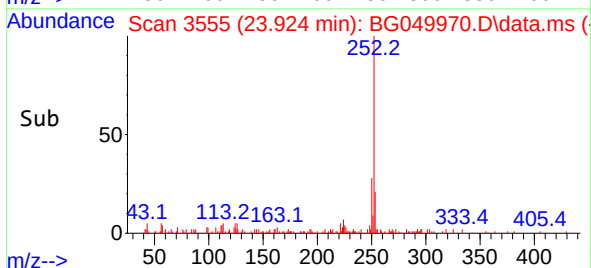
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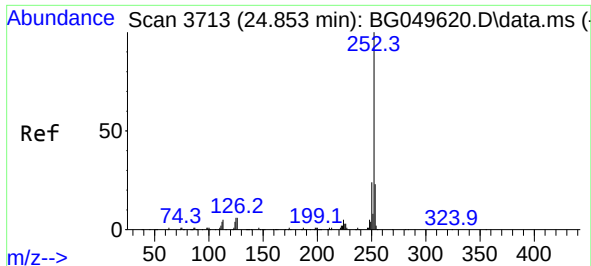


#89
Benzo(k)fluoranthene
Concen: 4.005 ng m
RT: 23.924 min Scan# 3555
Delta R.T. -0.034 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12



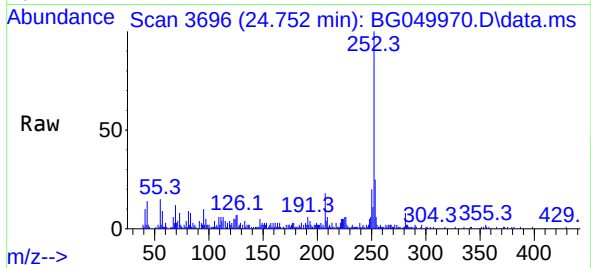
Tgt Ion:252 Resp: 36284
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 5.9 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 7.325 ng
RT: 24.752 min Scan# 3696
Delta R.T. -0.023 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

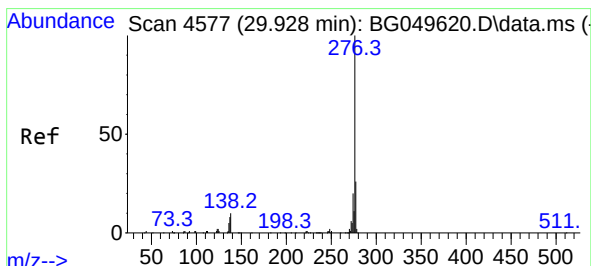
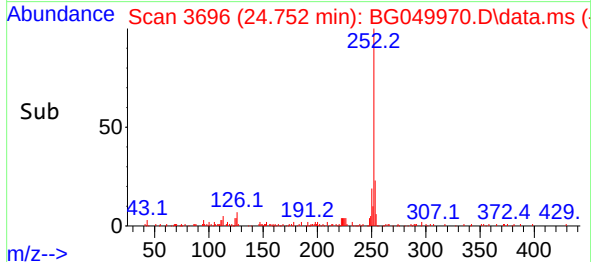
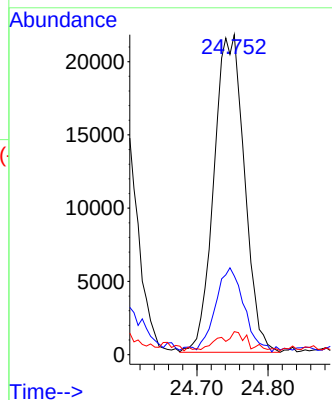
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21



Tgt Ion:252 Resp: 64390
Ion Ratio Lower Upper
252 100
253 24.6 16.6 25.0
125 7.2 3.5 5.3#

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#92
Benzo(g,h,i)perylene
Concen: 5.154 ng
RT: 29.763 min Scan# 4549
Delta R.T. -0.052 min
Lab File: BG049970.D
Acq: 25 Aug 2021 16:12

Tgt Ion:276 Resp: 45447
Ion Ratio Lower Upper
276 100
277 20.8 18.4 27.6
138 13.3 7.0 10.6#

