

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050501.D
 Acq On : 8 Oct 2021 3:21
 Operator : CG/JU
 Sample : M4131-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-07(NA)

Manual Integrations
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Quant Time: Oct 08 05:48:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	58324	20.00	ng	0.00
21) Naphthalene-d8	11.086	136	256656	20.00	ng	# 0.00
39) Acenaphthene-d10	14.881	164	169140	20.00	ng	0.00
64) Phenanthrene-d10	17.625	188	324736	20.00	ng	# 0.00
76) Chrysene-d12	21.926	240	272954	20.00	ng	# 0.00
86) Perylene-d12	25.351	264	273117	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	60406	15.49	ng	0.00
7) Phenol-d6	7.396	99	84745	15.01	ng	0.00
23) Nitrobenzene-d5	9.429	82	61661	9.95	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	22058	13.67	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	120916	10.76	ng	0.00
79) Terphenyl-d14	20.210	244	151591	10.82	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.664	202	125049	5.94	ng	96
78) Pyrene	20.022	202	117996	6.09	ng	100
81) Benzo(a)anthracene	21.902	228	71541m	3.96	ng	
83) Chrysene	21.973	228	66397	3.91	ng	95
88) Benzo(b)fluoranthene	24.253	252	96765	5.79	ng	# 92
89) Benzo(k)fluoranthene	24.311	252	34674m	2.11	ng	
90) Benzo(a)pyrene	25.181	252	58150	4.09	ng	# 90
92) Benzo(g,h,i)perylene	30.498	276	31084m	2.02	ng	

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

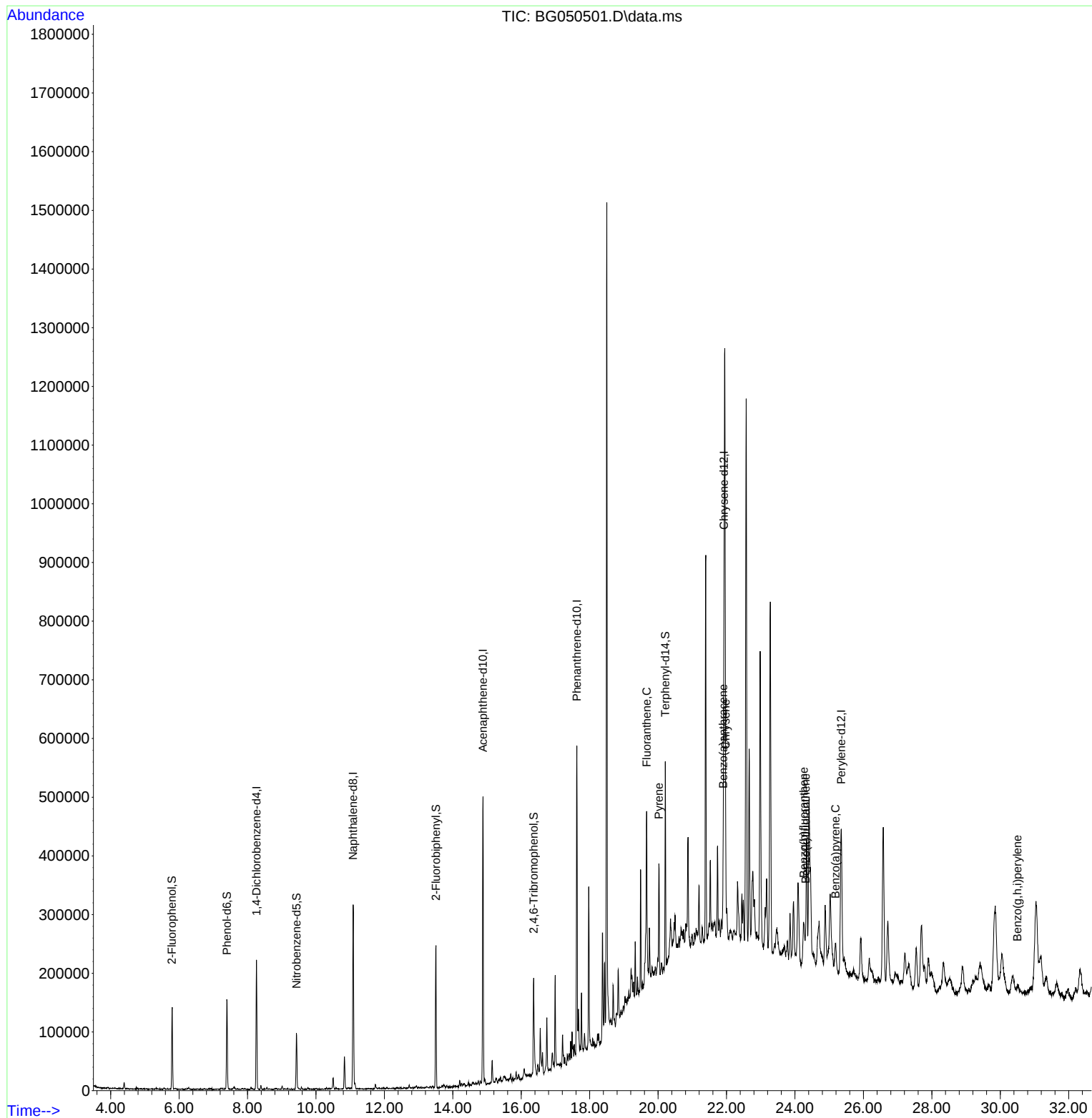
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Data File : BG050501.D
Acq On : 8 Oct 2021 3:21
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Misc :
ALS Vial : 18 Sample Multiplier: 1

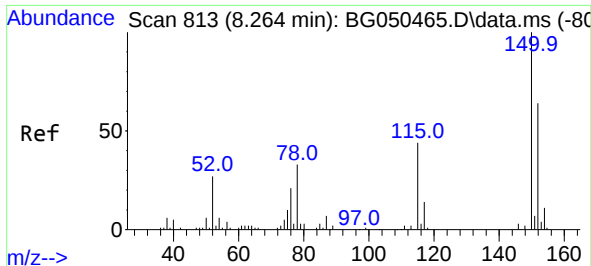
Instrument :
BNA_G
ClientSampleId :
SS-07(NA)

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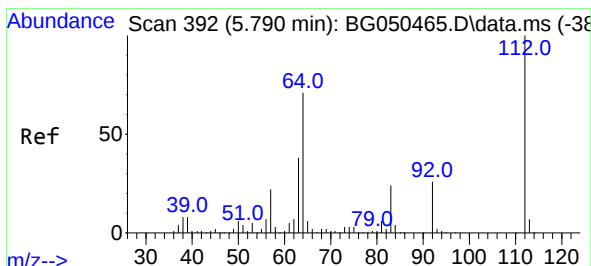
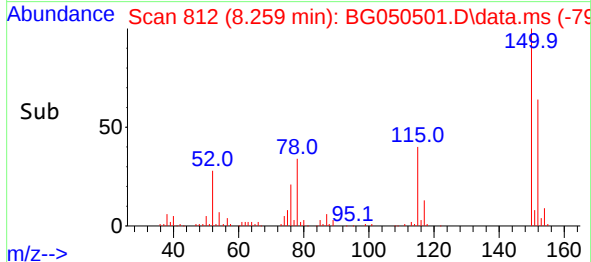
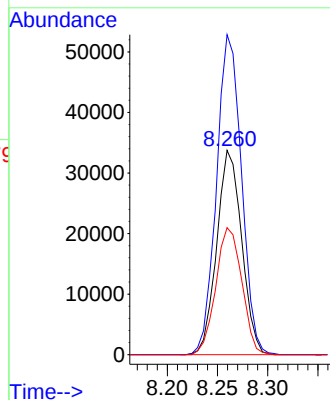
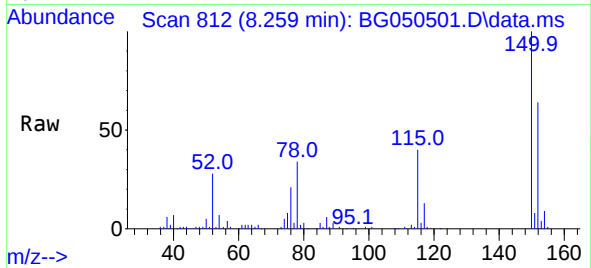
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

Tgt Ion:152 Resp: 58324
Ion Ratio Lower Upper
152 100
150 156.6 119.4 179.0
115 62.2 60.2 90.4

Instrument :
BNA_G
ClientSampled :
SS-07(NA)

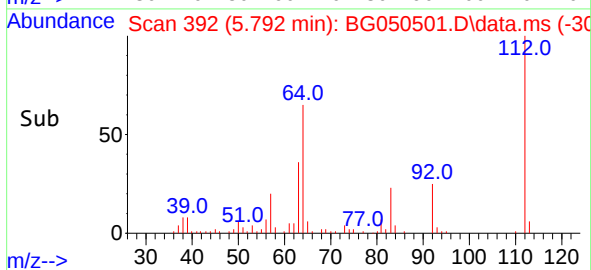
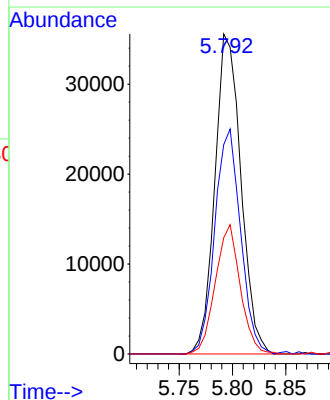
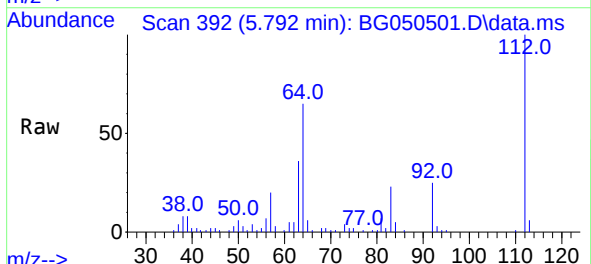
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#5
2-Fluorophenol
Concen: 15.49 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

Tgt Ion:112 Resp: 60406
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 36.3 35.3 52.9





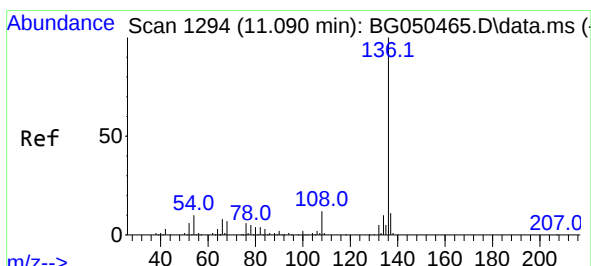
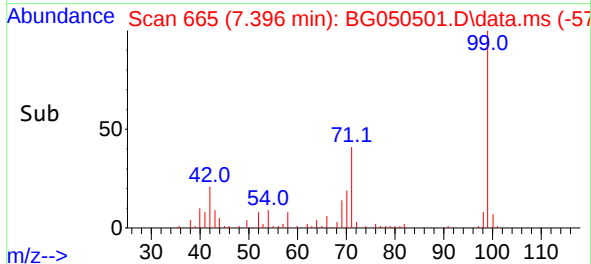
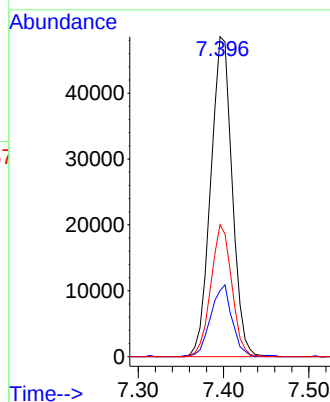
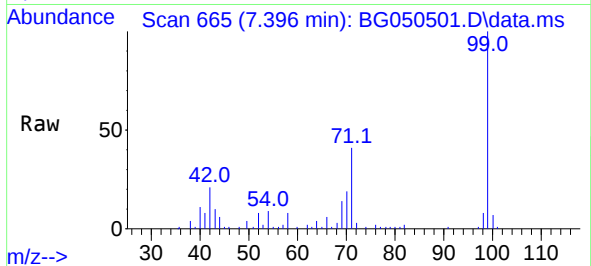
#7
Phenol-d6
Concen: 15.01 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

Tgt Ion: 99 Resp: 84745
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 41.2 41.5 62.3#

Instrument :
BNA_G
ClientSampleId :
SS-07(NA)

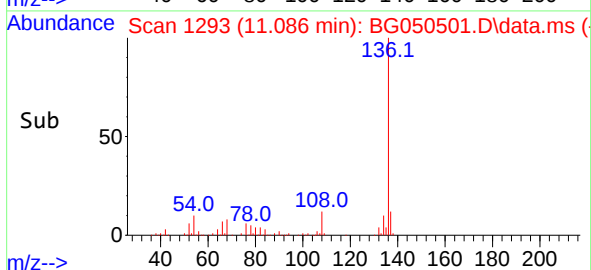
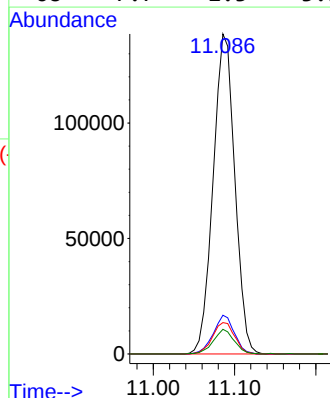
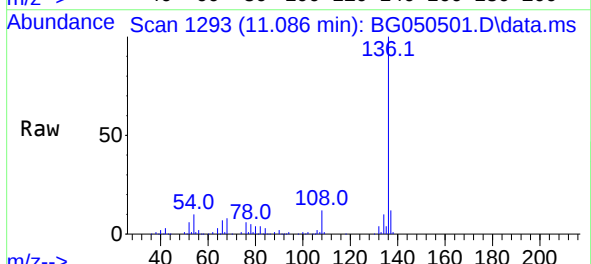
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.086 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

Tgt Ion:136 Resp: 256656
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 9.8 5.5 8.3#
68 7.7 2.3 3.5#





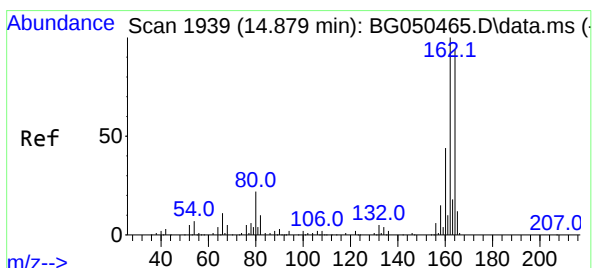
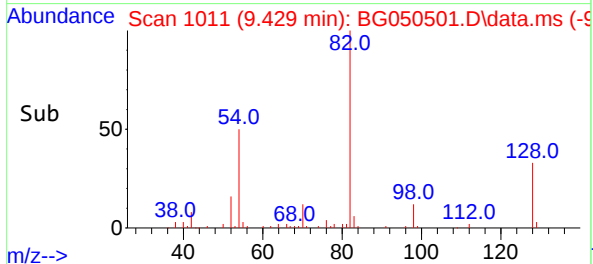
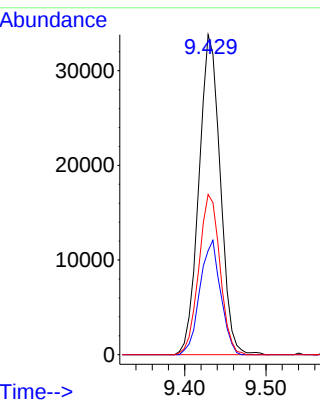
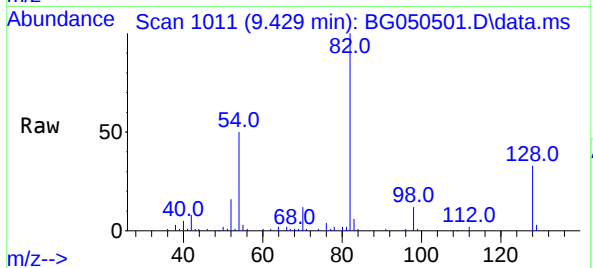
#23
Nitrobenzene-d5
Concen: 9.95 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

Tgt Ion:	82	Resp:	61661
Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.8	44.6
54	50.1	45.8	68.8

Instrument :
BNA_G
ClientSampleId :
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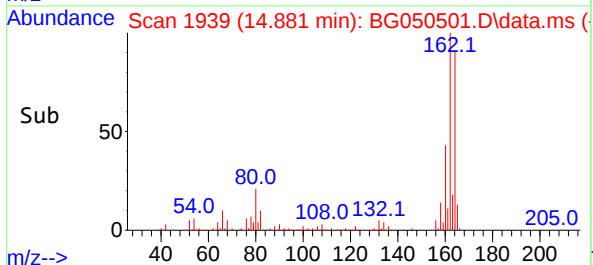
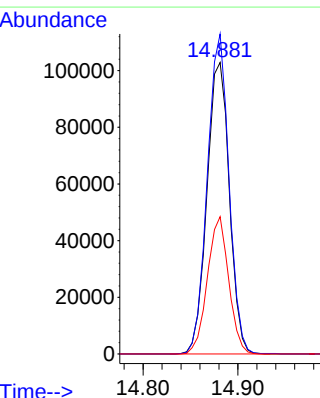
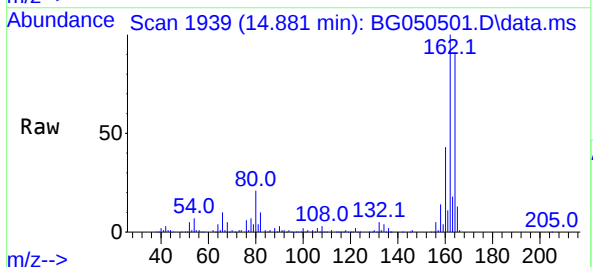
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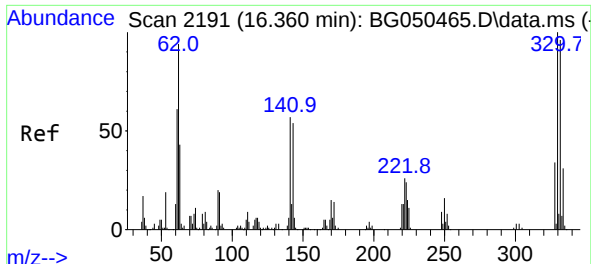
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

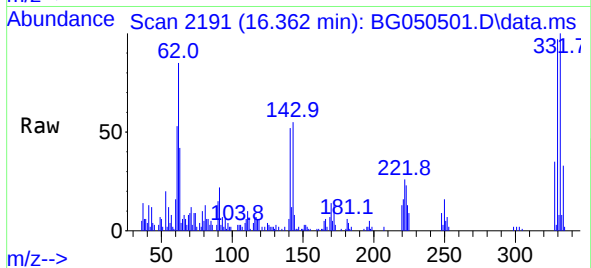
Tgt Ion:	164	Resp:	169140
Ion	Ratio	Lower	Upper
164	100		
162	109.7	81.4	122.0
160	47.1	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 13.67 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

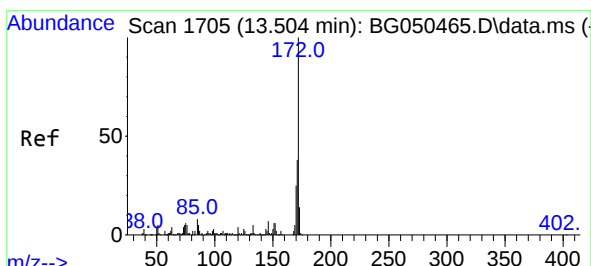
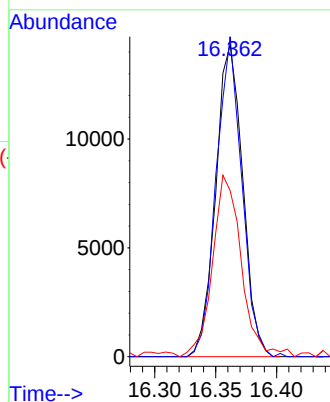
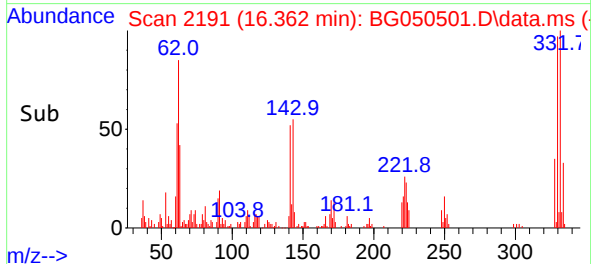
Instrument :
BNA_G
ClientSampled :
SS-07(NA)



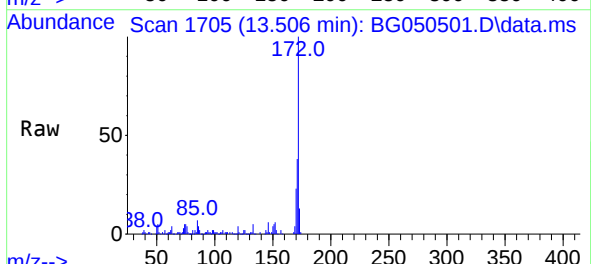
Tgt Ion:330 Resp: 22058
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 62.3 35.6 53.4#

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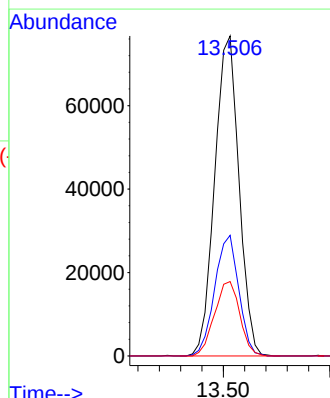
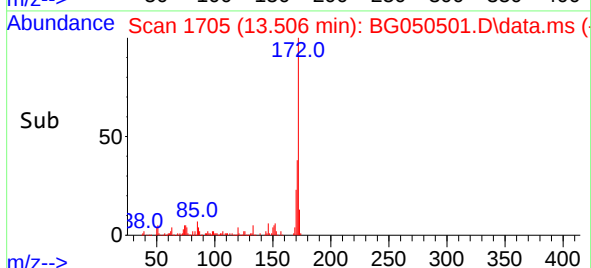
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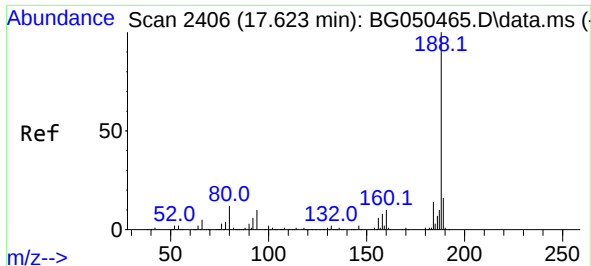


#45
2-Fluorobiphenyl
Concen: 10.76 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

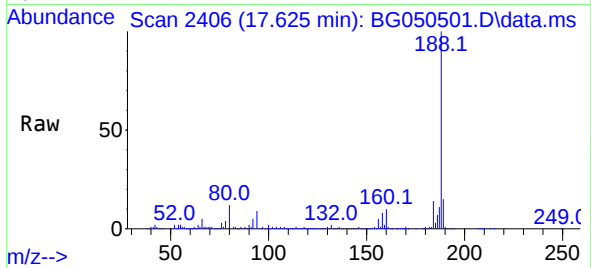


Tgt Ion:172 Resp: 120916
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 23.3 18.6 27.8

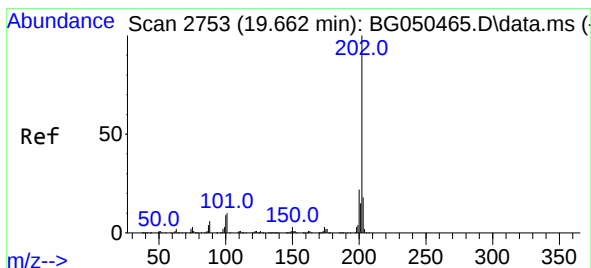
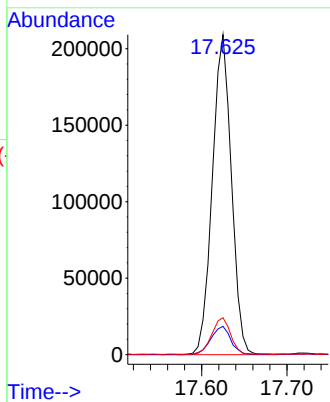
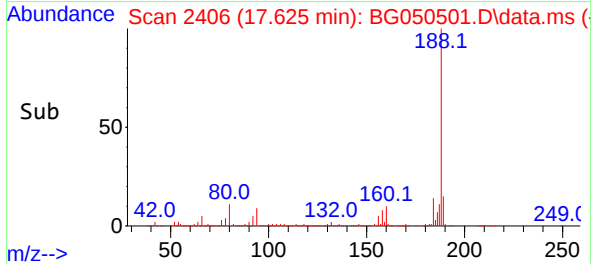




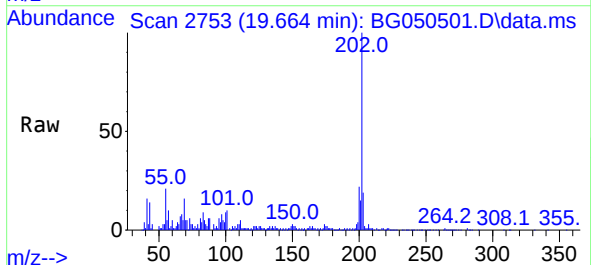
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



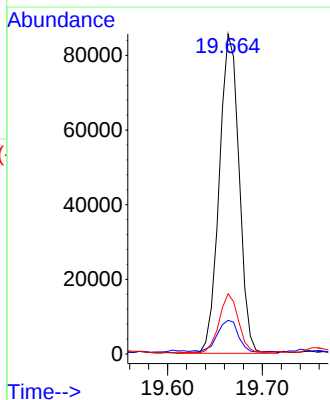
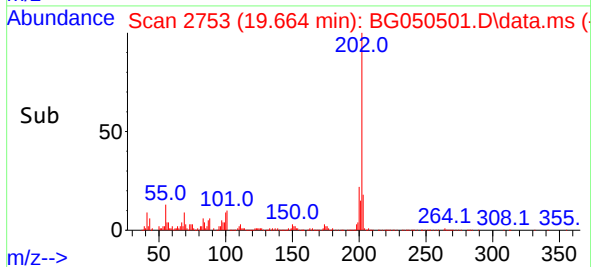
Tgt Ion:188 Resp: 324736
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.6 3.7 5.5#



#75
Fluoranthene
Concen: 5.94 ng
RT: 19.664 min Scan# 2753
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



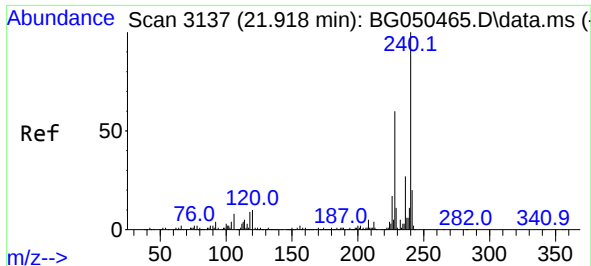
Tgt Ion:202 Resp: 125049
Ion Ratio Lower Upper
202 100
101 10.5 0.0 24.7
203 18.8 0.0 38.5



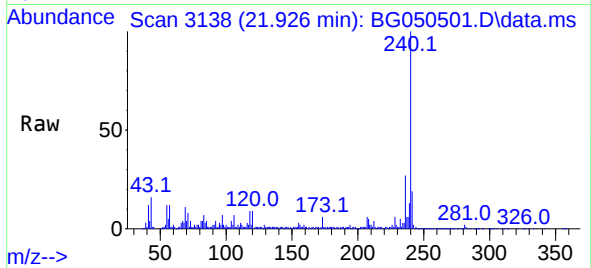
Instrument :
BNA_G
ClientSampleId :
SS-07(NA)

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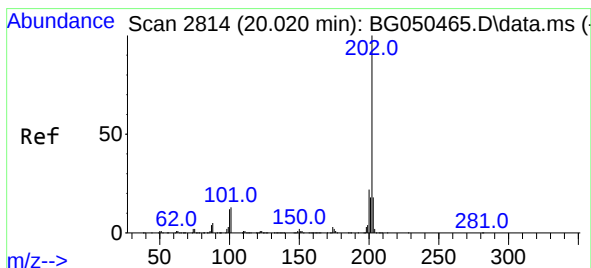
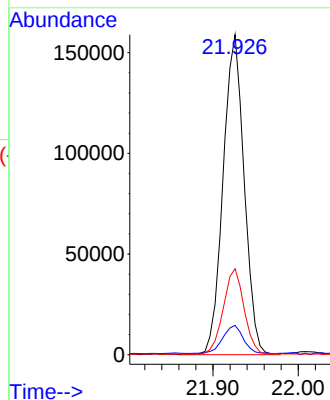
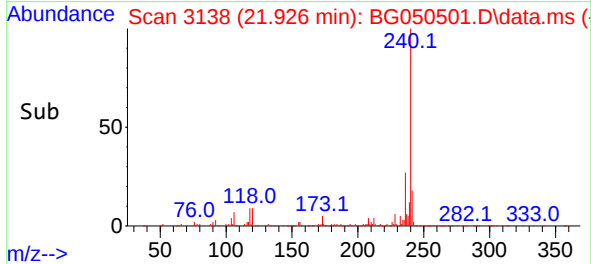
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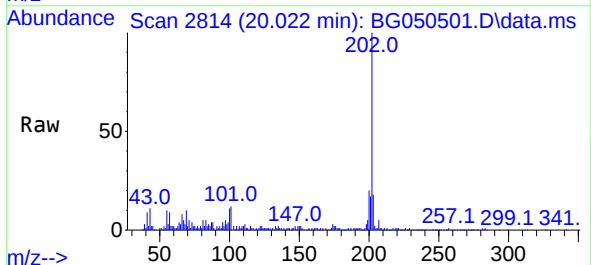
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.926 min Scan# 3138
Delta R.T. 0.008 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



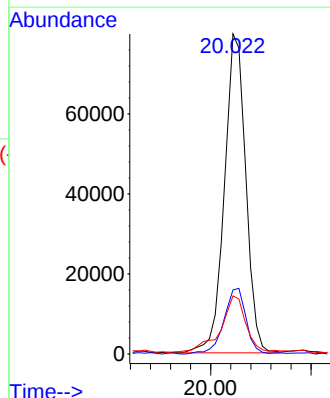
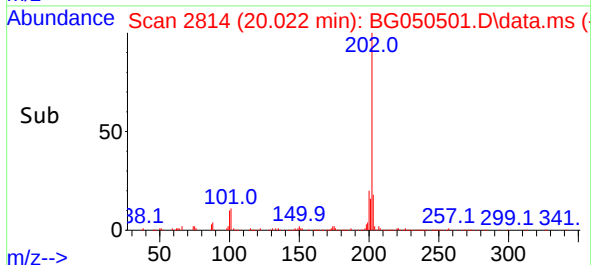
Tgt Ion:240 Resp: 272954
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 26.8 21.8 32.6



#78
Pyrene
Concen: 6.09 ng
RT: 20.022 min Scan# 2814
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



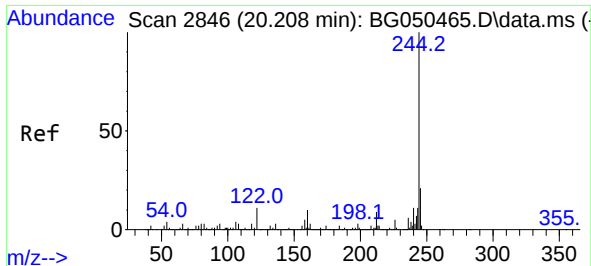
Tgt Ion:202 Resp: 117996
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 18.1 14.6 21.8



Instrument :
BNA_G
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SS-07(NA)

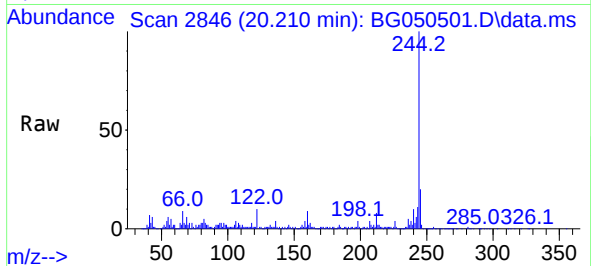
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#79
 Terphenyl-d14
 Concen: 10.82 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG050501.D
 Acq: 8 Oct 2021 3:21

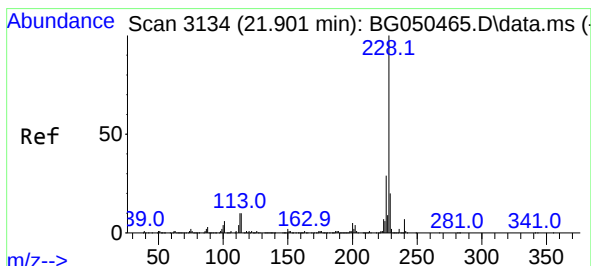
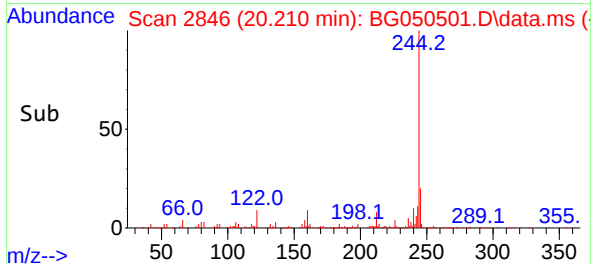
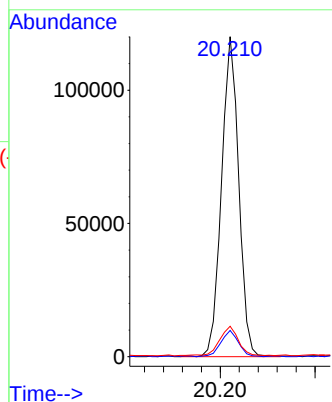
Instrument :
 BNA_G
 ClientSampleId :
 SS-07(NA)



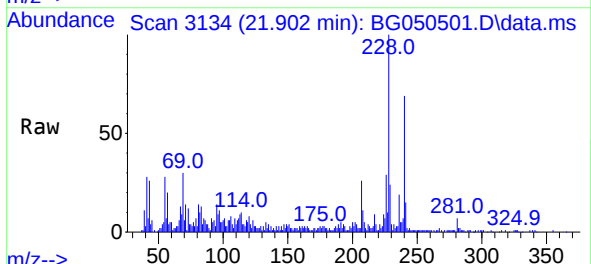
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 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 9.5 5.0 7.6#

Manual Integrations
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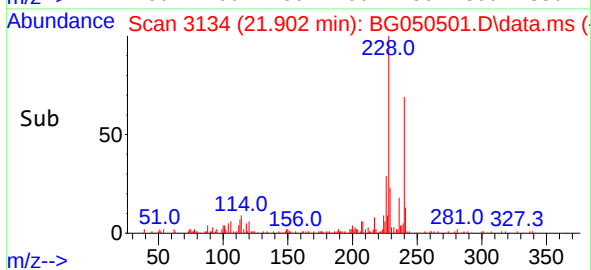
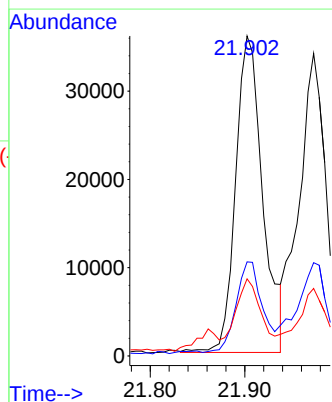
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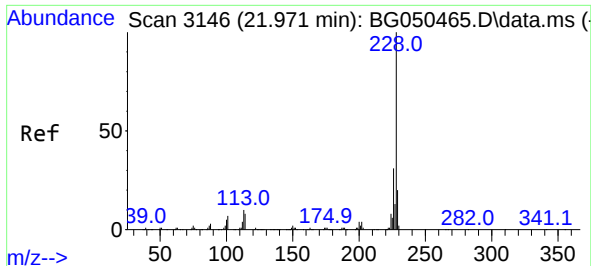


#81
 Benzo(a)anthracene
 Concen: 3.96 ng m
 RT: 21.902 min Scan# 3134
 Delta R.T. 0.002 min
 Lab File: BG050501.D
 Acq: 8 Oct 2021 3:21

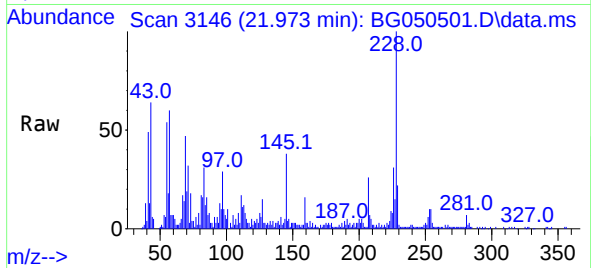


Tgt Ion:228 Resp: 71541
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.7 34.1
 229 24.1 16.0 24.0#

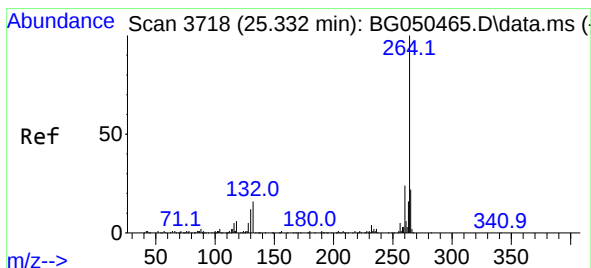
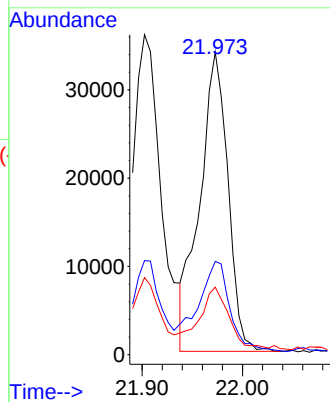
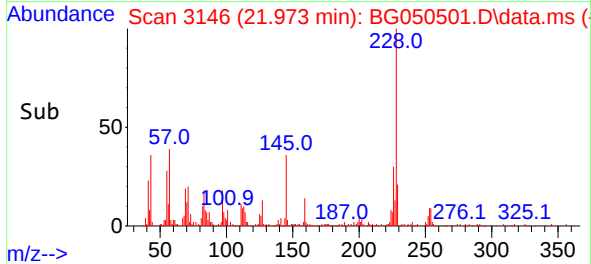




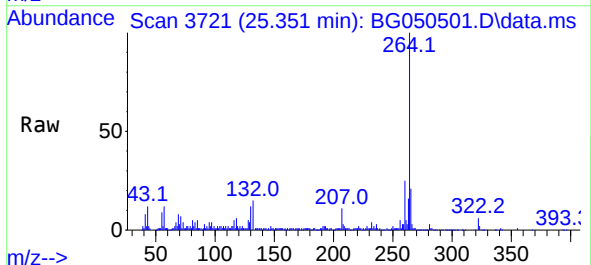
#83
Chrysene
Concen: 3.91 ng
RT: 21.973 min Scan# 3146
Delta R.T. 0.002 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



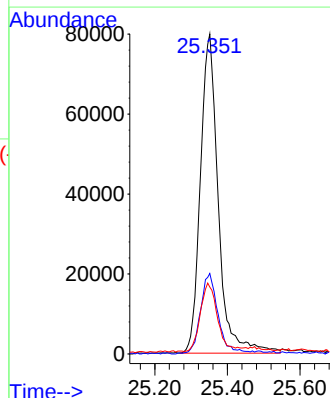
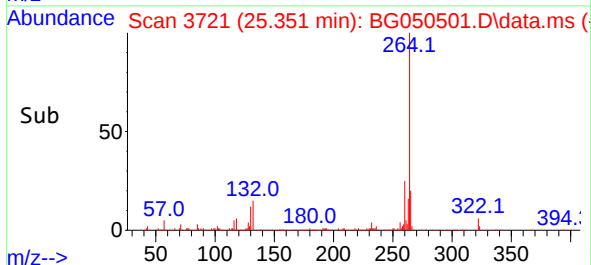
Tgt Ion:228 Resp: 66397
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 22.3 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.351 min Scan# 3721
Delta R.T. 0.019 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



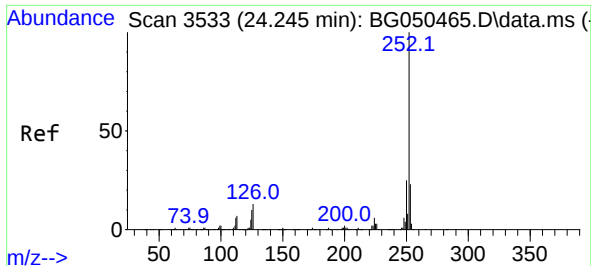
Tgt Ion:264 Resp: 273117
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 20.9 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
SS-07(NA)

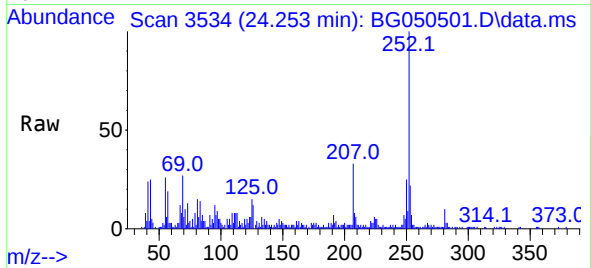
Manual Integrations
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10/11/2021 2:07:34 PM



#88
Benzo(b)fluoranthene
Concen: 5.79 ng
RT: 24.253 min Scan# 3534
Delta R.T. 0.008 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

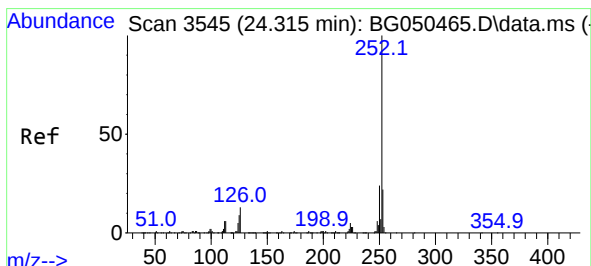
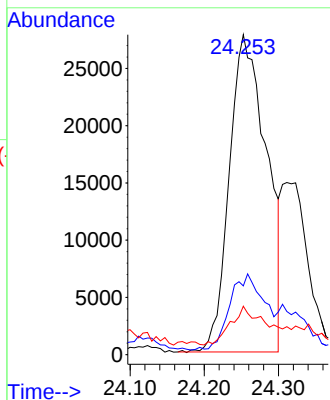
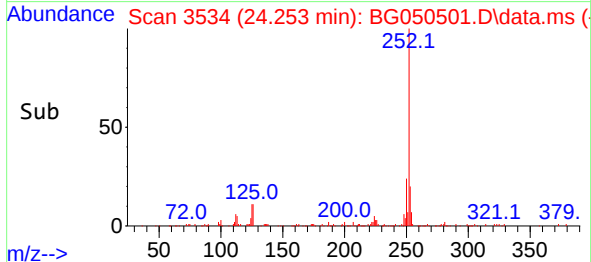
Instrument :
BNA_G
ClientSampled :
SS-07(NA)



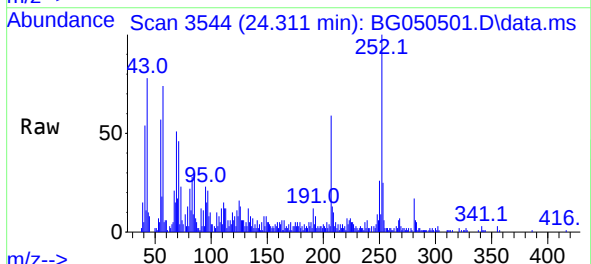
Tgt Ion:252 Resp: 96765
Ion Ratio Lower Upper
252 100
253 21.5 16.2 24.4
125 15.2 3.0 4.4#

Manual Integrations
APPROVED

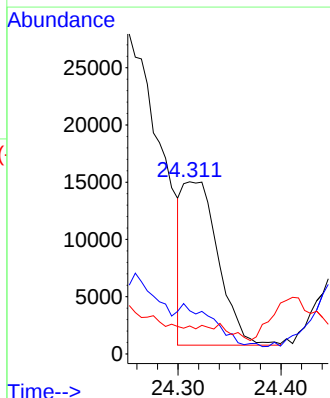
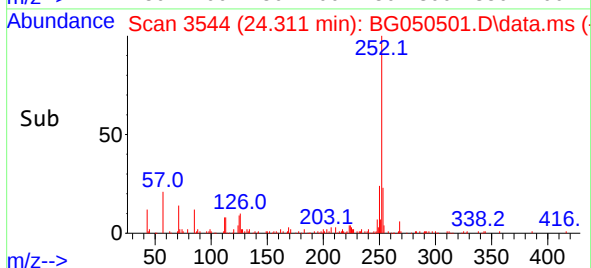
mohammad
10/11/2021 2:07:34 PM

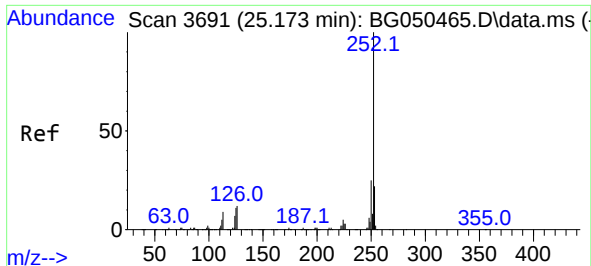


#89
Benzo(k)fluoranthene
Concen: 2.11 ng m
RT: 24.311 min Scan# 3544
Delta R.T. -0.004 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



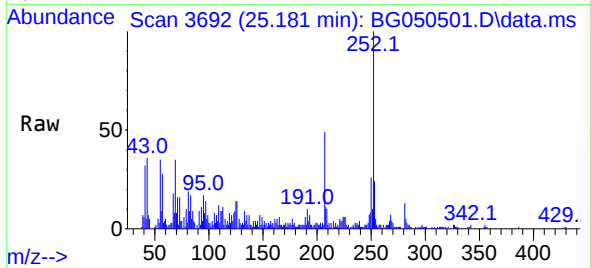
Tgt Ion:252 Resp: 34674
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 16.2 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 4.09 ng
RT: 25.181 min Scan# 3692
Delta R.T. 0.008 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21

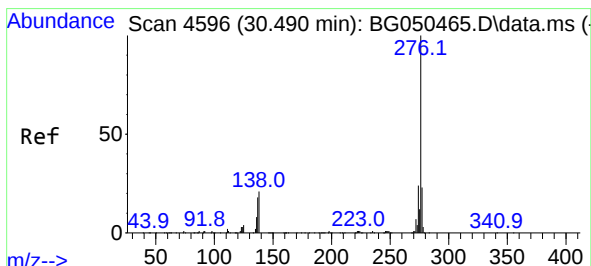
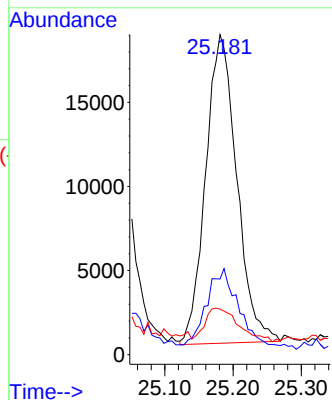
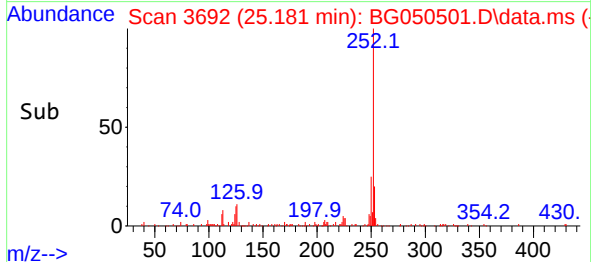
Instrument :
BNA_G
ClientSampleId :
SS-07(NA)



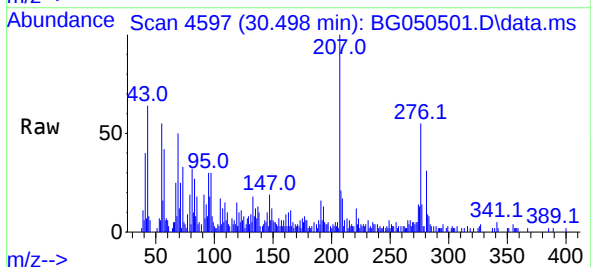
Tgt Ion:252 Resp: 58150
Ion Ratio Lower Upper
252 100
253 23.6 16.6 25.0
125 14.2 3.5 5.3#

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 2.02 ng m
RT: 30.498 min Scan# 4597
Delta R.T. 0.008 min
Lab File: BG050501.D
Acq: 8 Oct 2021 3:21



Tgt Ion:276 Resp: 31084
Ion Ratio Lower Upper
276 100
277 26.2 18.4 27.6
138 17.6 7.0 10.6#

