

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049826.D
 Acq On : 12 Aug 2021 20:38
 Operator : CG/JU
 Sample : M3334-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-235

Manual Integrations
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Quant Time: Aug 13 02:15:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	39715	20.000	ng	0.00
21) Naphthalene-d8	10.860	136	167531	20.000	ng	# 0.00
39) Acenaphthene-d10	14.690	164	111942	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	211423	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	170975	20.000	ng	0.00
86) Perylene-d12	25.011	264	170459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	112875	50.948	ng	0.00
7) Phenol-d6	7.200	99	157946	47.096	ng	0.00
23) Nitrobenzene-d5	9.209	82	114513	30.247	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	73055	44.400	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	243890	31.702	ng	-0.01
79) Terphenyl-d14	20.053	244	300628	31.935	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.495	202	59551	4.351	ng	98
78) Pyrene	19.859	202	50733m	4.352	ng	
81) Benzo(a)anthracene	21.704	228	26559	2.385	ng	96
83) Chrysene	21.774	228	33474m	3.145	ng	
88) Benzo(b)fluoranthene	23.966	252	51717	4.626	ng	# 94
90) Benzo(a)pyrene	24.847	252	21836	2.158	ng	# 96

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

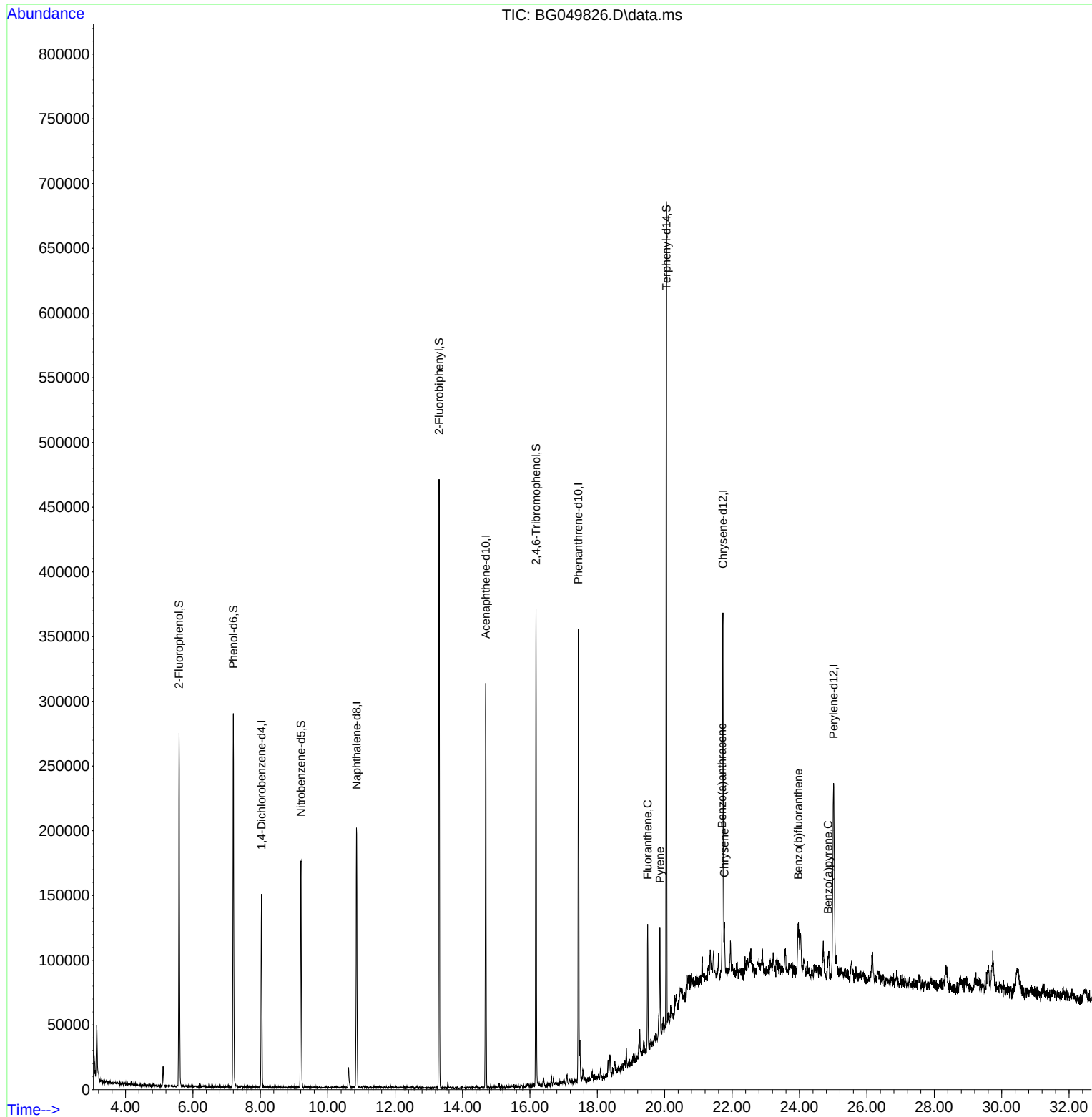
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049826.D
Acq On : 12 Aug 2021 20:38
Operator : CG/JU
Sample : M3334-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

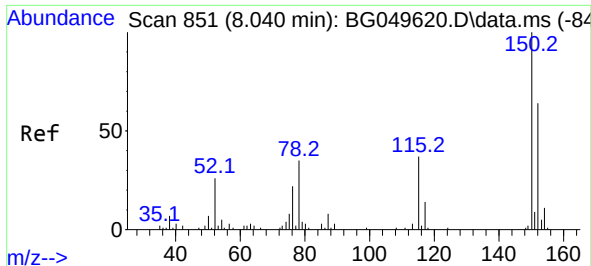
Instrument :
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ClientSampleId :
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Quant Time: Aug 13 02:15:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration





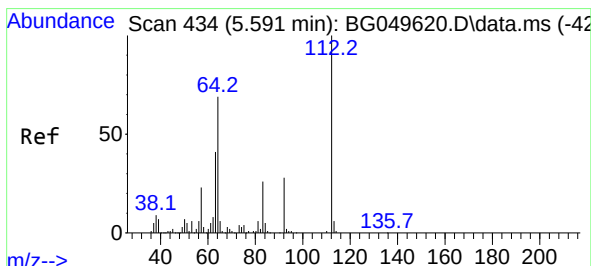
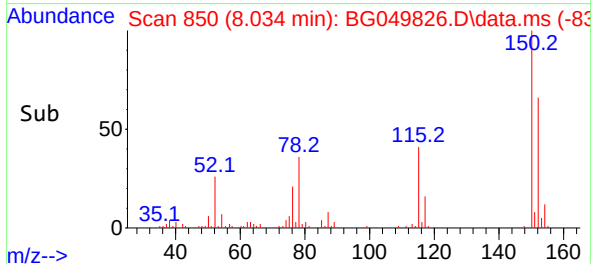
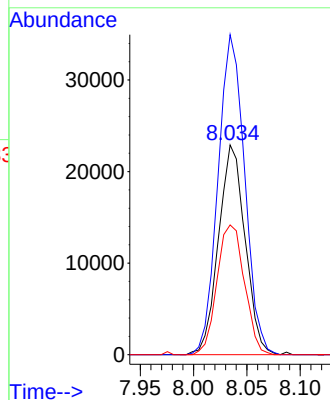
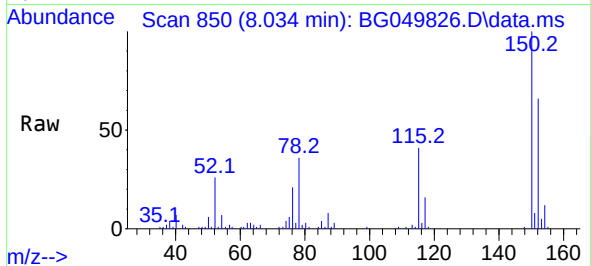
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:152 Resp: 39715
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 61.9 60.2 90.4

Instrument :
BNA_G
ClientSampled :
VNJ-235

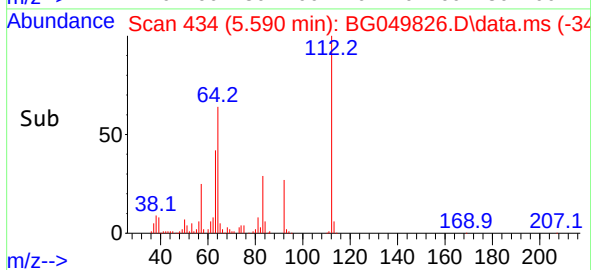
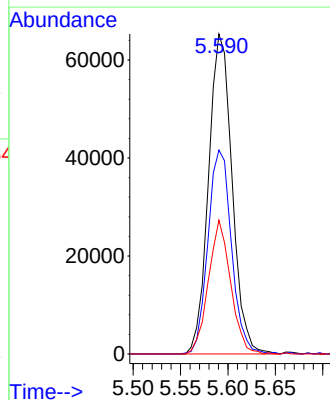
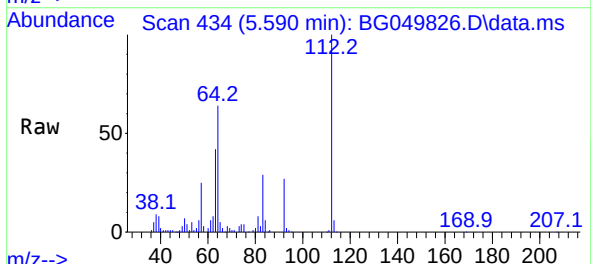
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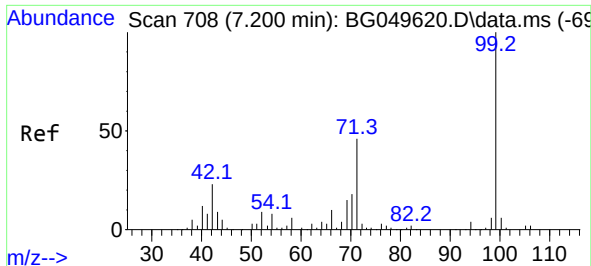
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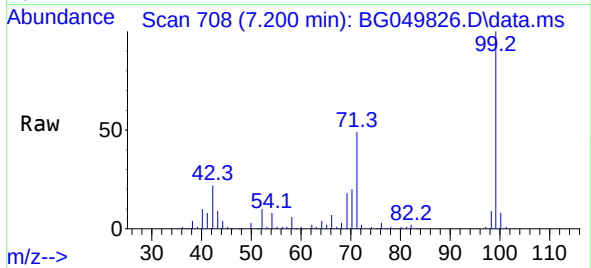
#5
2-Fluorophenol
Concen: 50.948 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:112 Resp: 112875
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 41.8 35.3 52.9

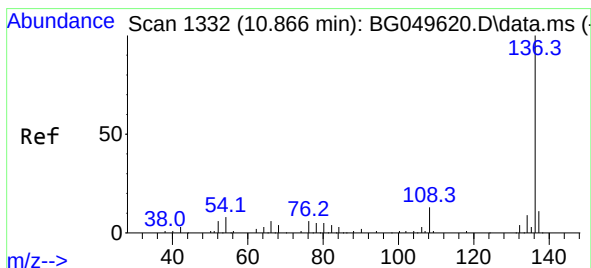
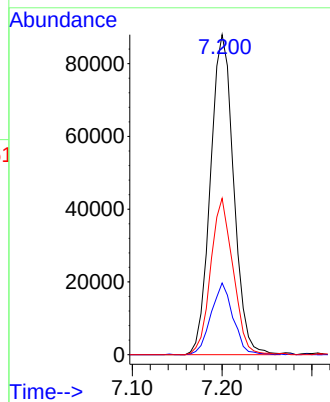
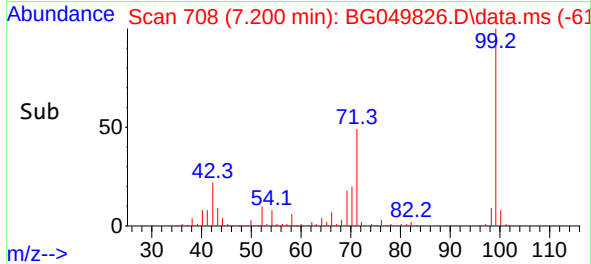




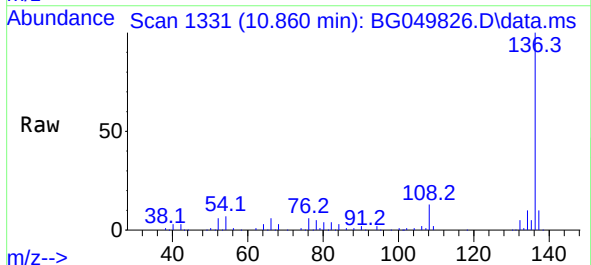
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Phenol-d6
Concen: 47.096 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38



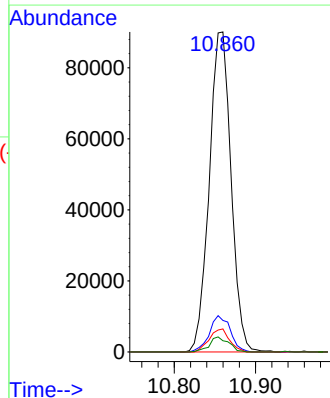
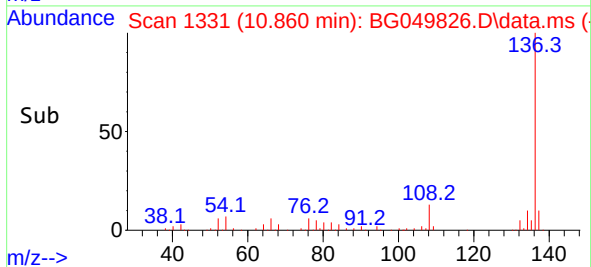
Tgt Ion: 99 Resp: 157946
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 48.8 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.860 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38



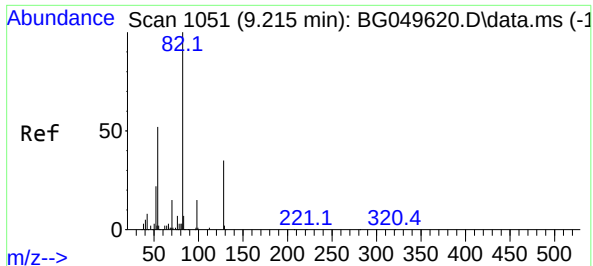
Tgt Ion: 136 Resp: 167531
Ion Ratio Lower Upper
136 100
137 9.8 8.2 12.2
54 7.2 5.5 8.3
68 3.5 2.3 3.5#



Instrument :
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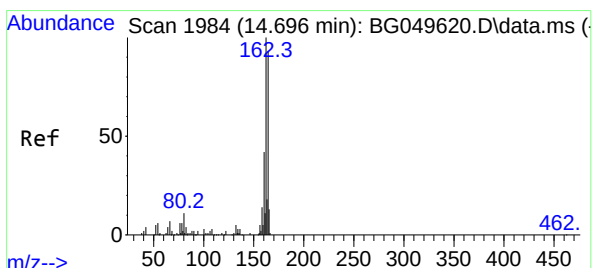
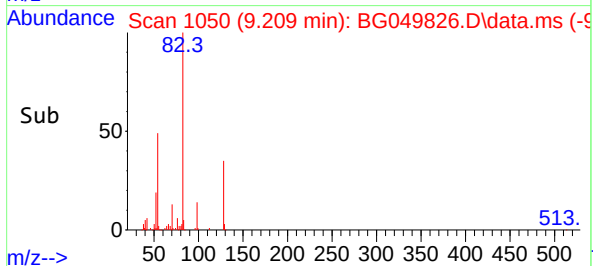
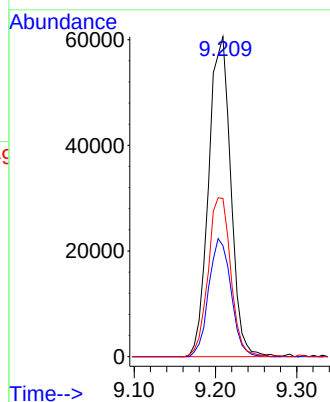
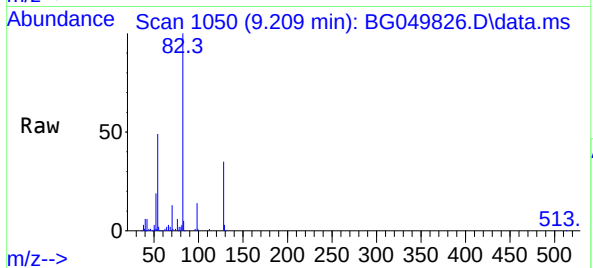
#23
Nitrobenzene-d5
Concen: 30.247 ng
RT: 9.209 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion: 82 Resp: 114513
Ion Ratio Lower Upper
82 100
128 34.7 29.8 44.6
54 49.4 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
VNJ-235

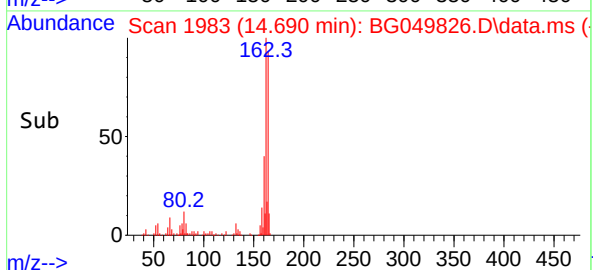
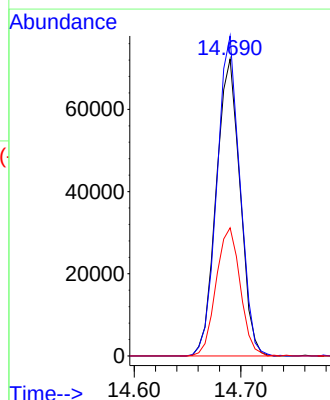
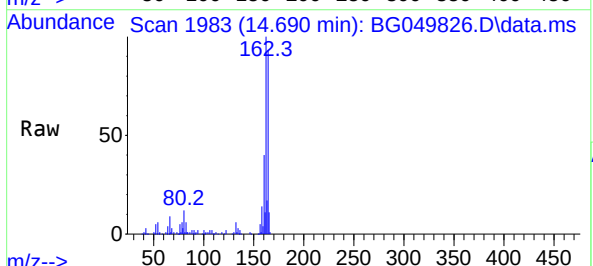
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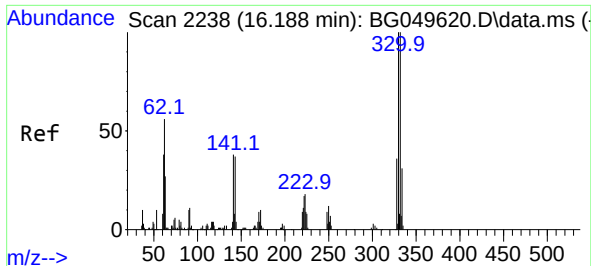
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

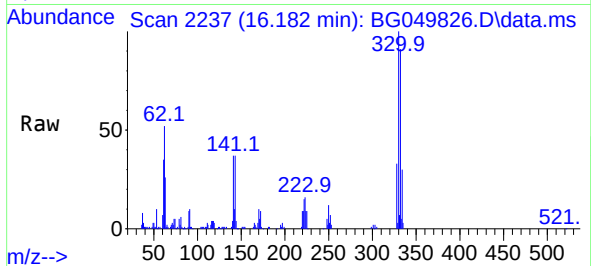
Tgt Ion:164 Resp: 111942
Ion Ratio Lower Upper
164 100
162 107.8 81.4 122.0
160 43.1 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 44.400 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

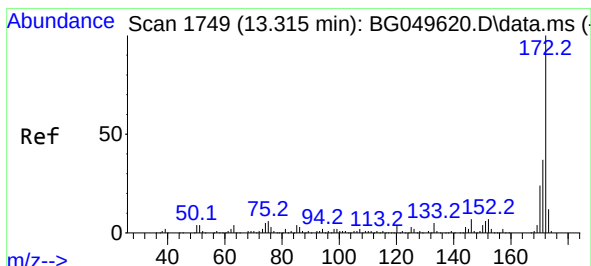
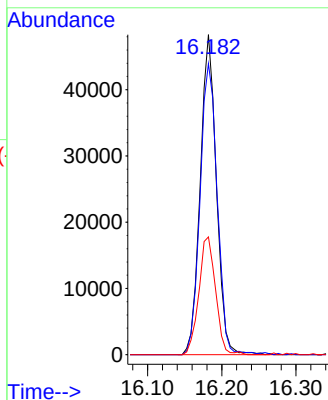
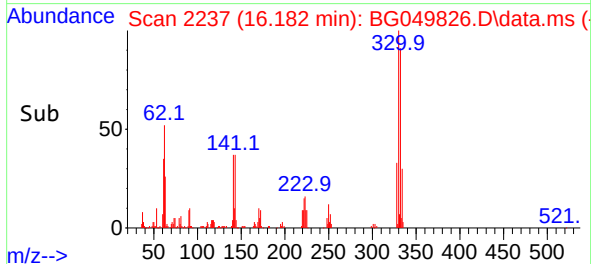
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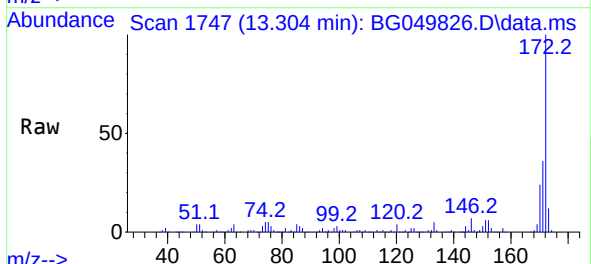
Tgt Ion:330 Resp: 73055
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 38.1 35.6 53.4

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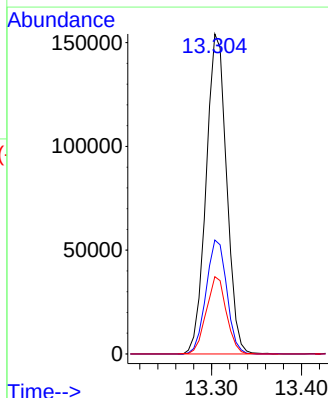
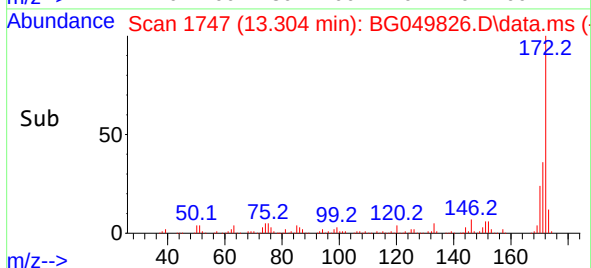
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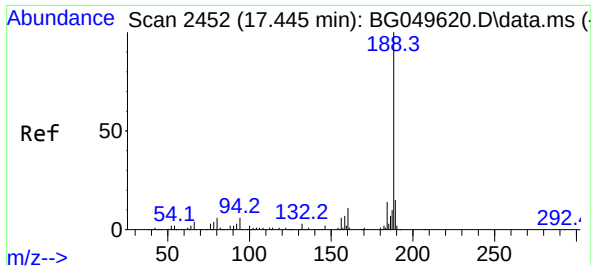


#45
2-Fluorobiphenyl
Concen: 31.702 ng
RT: 13.304 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38



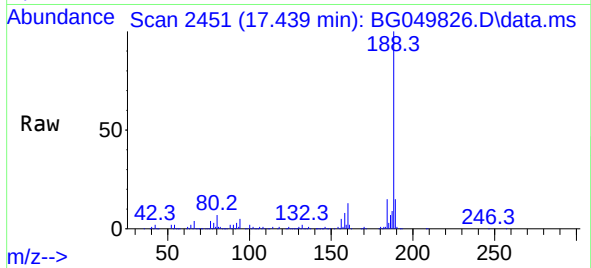
Tgt Ion:172 Resp: 243890
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

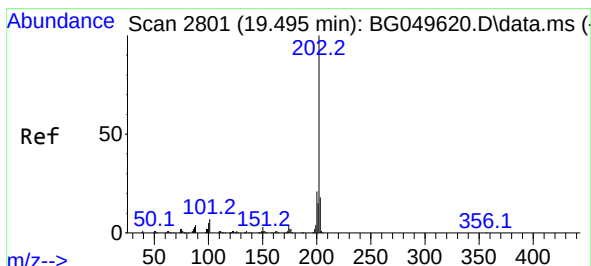
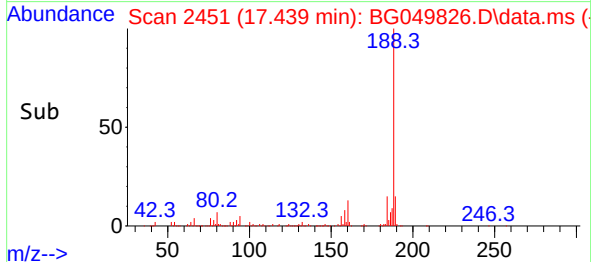
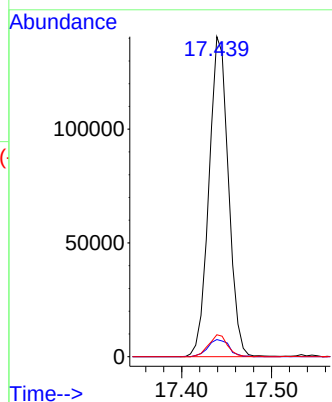
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 211423
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 3.7 5.5#

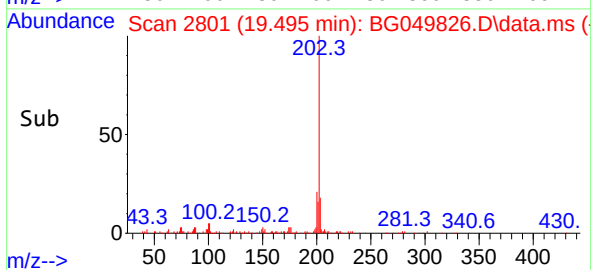
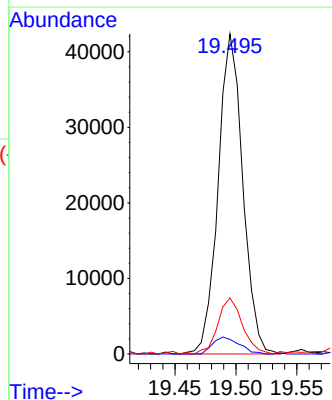
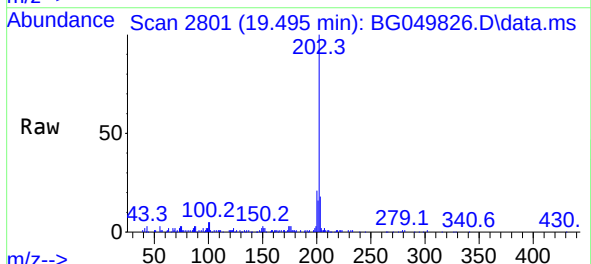
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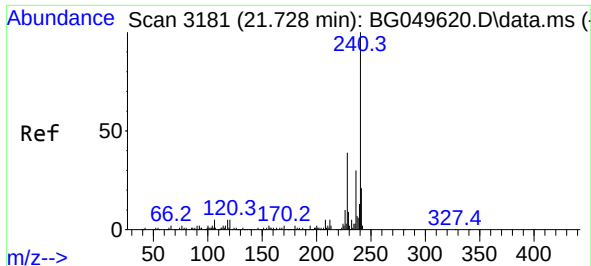
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#75
Fluoranthene
Concen: 4.351 ng
RT: 19.495 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:202 Resp: 59551
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 17.5 0.0 38.5





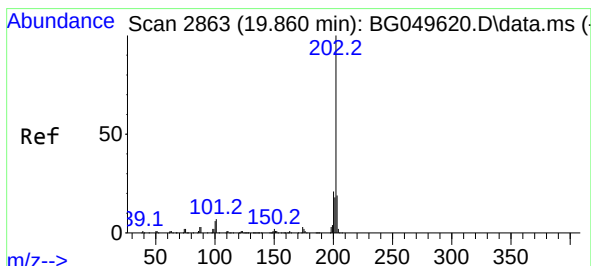
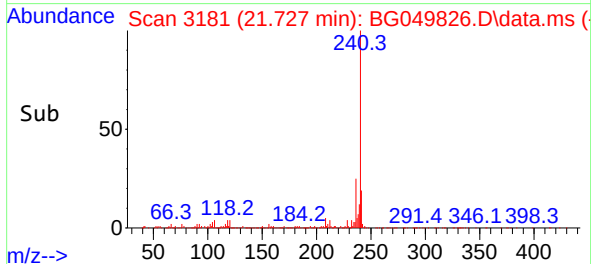
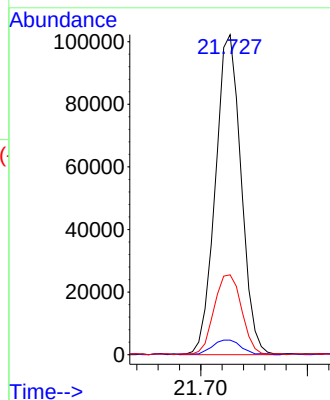
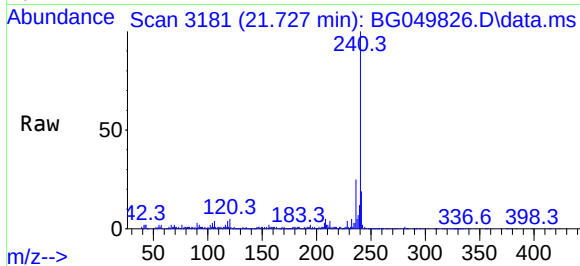
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:240 Resp: 170975
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 24.9 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
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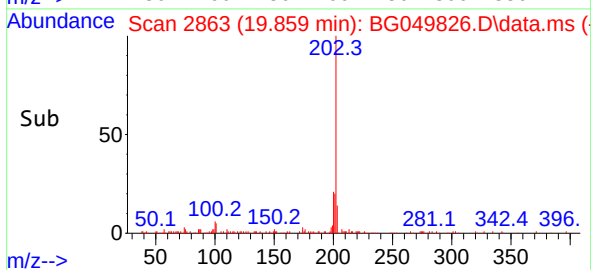
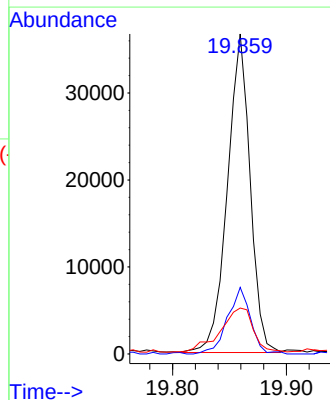
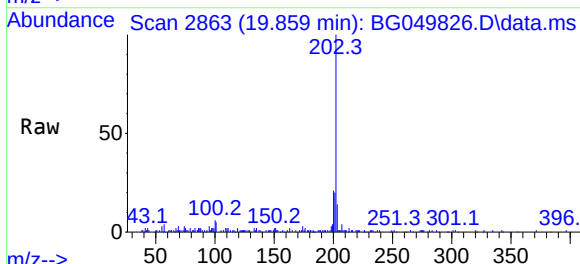
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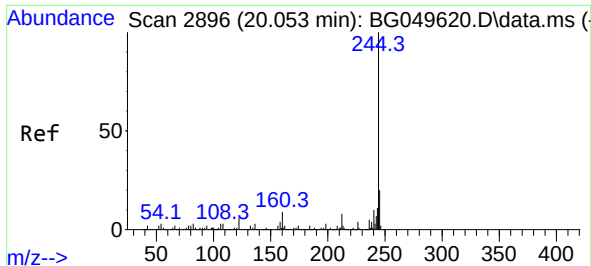
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#78
Pyrene
Concen: 4.352 ng m
RT: 19.859 min Scan# 2863
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:202 Resp: 50733
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 14.3 14.6 21.8#





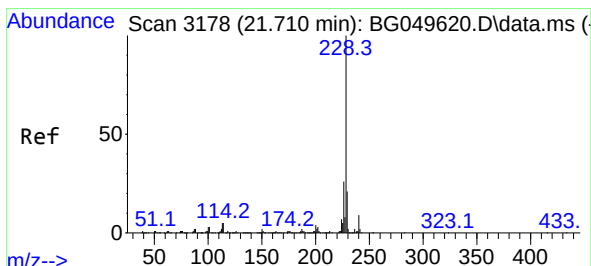
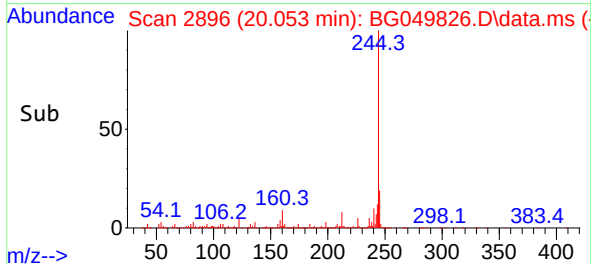
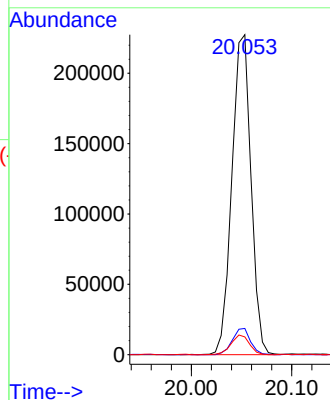
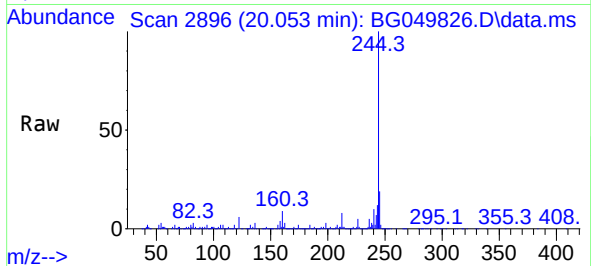
#79
Terphenyl-d14
Concen: 31.935 ng
RT: 20.053 min Scan# 2896
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:244 Resp: 300628
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 5.6 5.0 7.6

Instrument :
BNA_G
ClientSampled :
VNJ-235

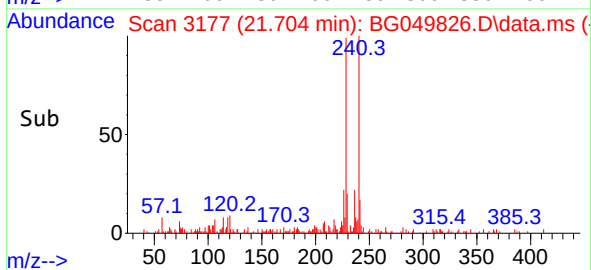
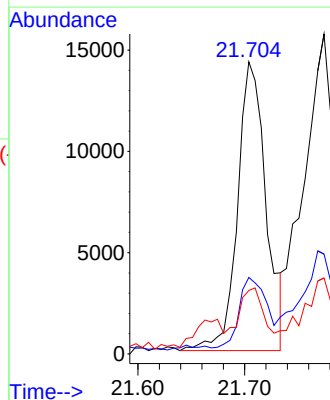
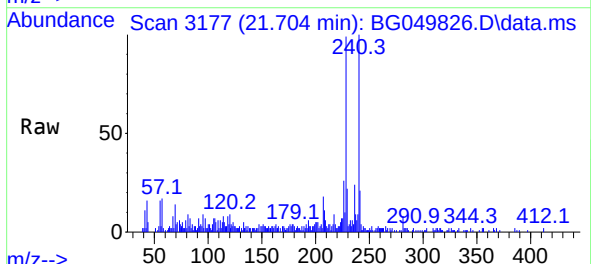
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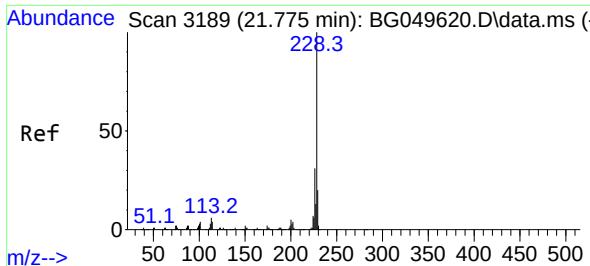
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#81
Benzo(a)anthracene
Concen: 2.385 ng
RT: 21.704 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:228 Resp: 26559
Ion Ratio Lower Upper
228 100
226 26.2 22.7 34.1
229 21.7 16.0 24.0





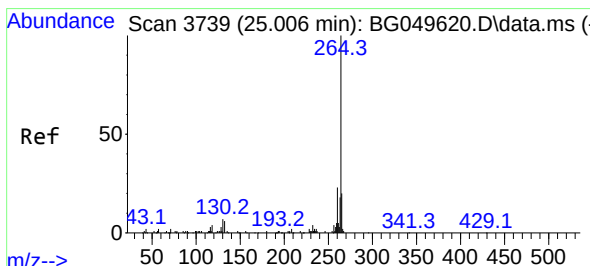
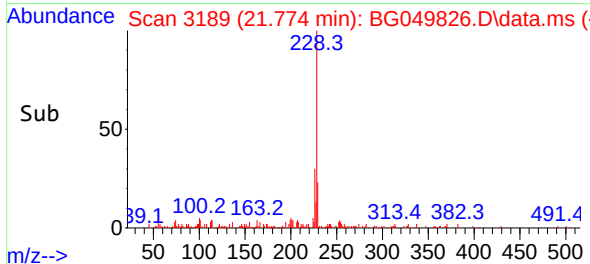
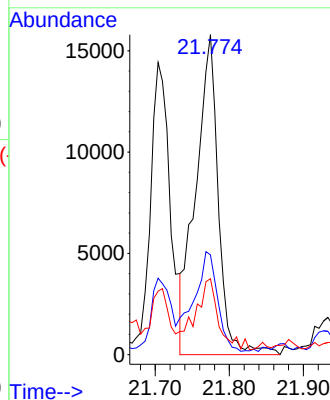
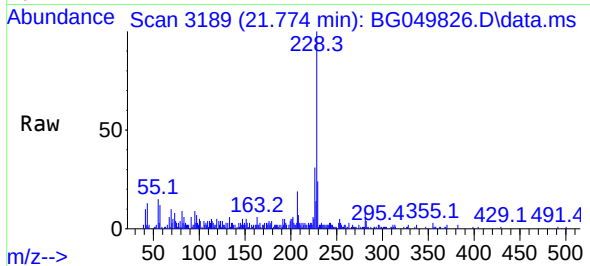
#83
Chrysene
Concen: 3.145 ng m
RT: 21.774 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:	228	Resp:	33474
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.1	34.7
229	23.8	15.3	22.9#

Instrument :
BNA_G
ClientSampled :
VNJ-235

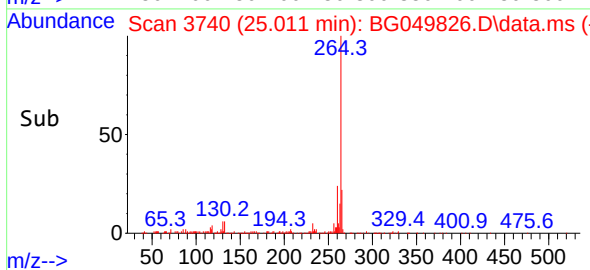
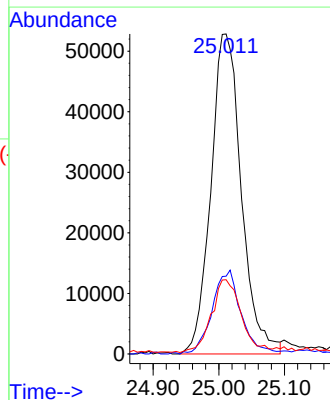
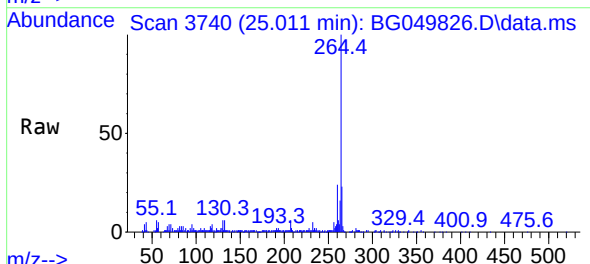
Manual Integrations
APPROVED

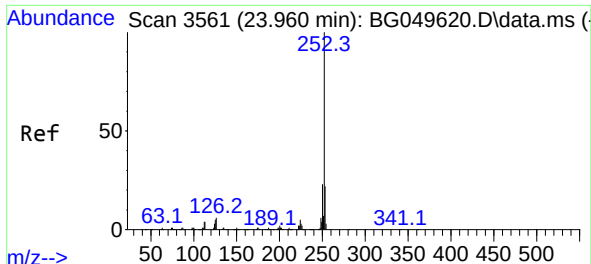
mohammad
8/13/2021 5:13:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 3740
Delta R.T. 0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

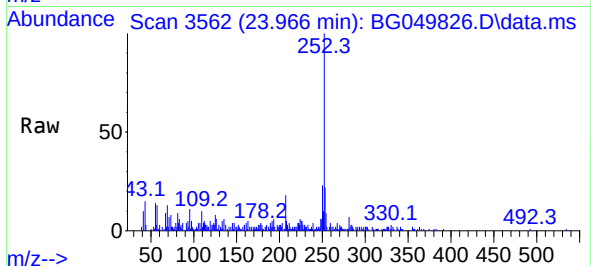
Tgt Ion:	264	Resp:	170459
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	23.2	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 4.626 ng
RT: 23.966 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

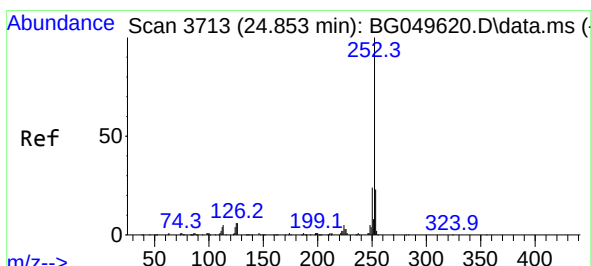
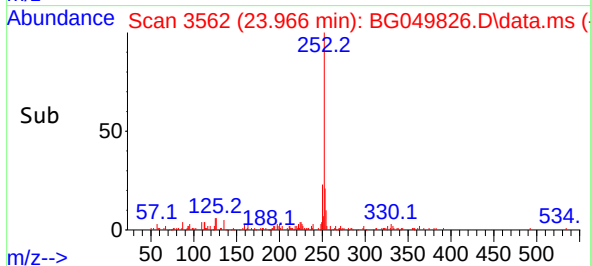
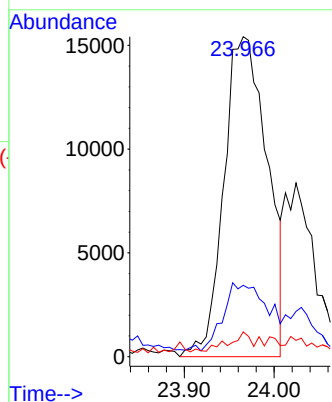
Instrument :
BNA_G
ClientSampled :
VNJ-235



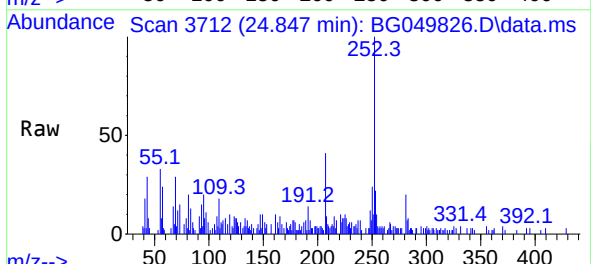
Tgt Ion:252 Resp: 51717
Ion Ratio Lower Upper
252 100
253 22.3 16.2 24.4
125 7.8 3.0 4.4#

Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:04 PM



#90
Benzo(a)pyrene
Concen: 2.158 ng
RT: 24.847 min Scan# 3712
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38



Tgt Ion:252 Resp: 21836
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 8.3 3.5 5.3#

