

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050497.D
 Acq On : 8 Oct 2021 00:36
 Operator : CG/JU
 Sample : M4131-02 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-05(NA)

Manual Integrations
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Quant Time: Oct 08 05:47:14 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	56109	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	242282	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	161974	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	306323	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	266388	20.00	ng	# 0.00
86) Perylene-d12	25.345	264	278165	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	149411	39.82	ng	0.00
7) Phenol-d6	7.389	99	218252	40.18	ng	0.00
23) Nitrobenzene-d5	9.428	82	160627	27.44	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	58280	37.72	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	301563	28.02	ng	0.00
79) Terphenyl-d14	20.209	244	392408	28.71	ng	0.00
Target Compounds						Qvalue
66) n-Nitrosodiphenylamine	16.114	169	20682	2.38	ng	92
71) Phenanthrene	17.659	178	54352	3.37	ng	# 78
75) Fluoranthene	19.669	202	137446	6.93	ng	96
78) Pyrene	20.021	202	129483	6.85	ng	96
81) Benzo(a)anthracene	21.902	228	96961	5.50	ng	97
83) Chrysene	21.966	228	78609	4.74	ng	94
87) Indeno(1,2,3-cd)pyrene	29.264	276	52804m	2.73	ng	
88) Benzo(b)fluoranthene	24.258	252	115666	6.79	ng	# 83
89) Benzo(k)fluoranthene	24.322	252	36142m	2.16	ng	
90) Benzo(a)pyrene	25.186	252	70571	4.87	ng	# 89
92) Benzo(g,h,i)perylene	30.503	276	49400	3.15	ng	# 90

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

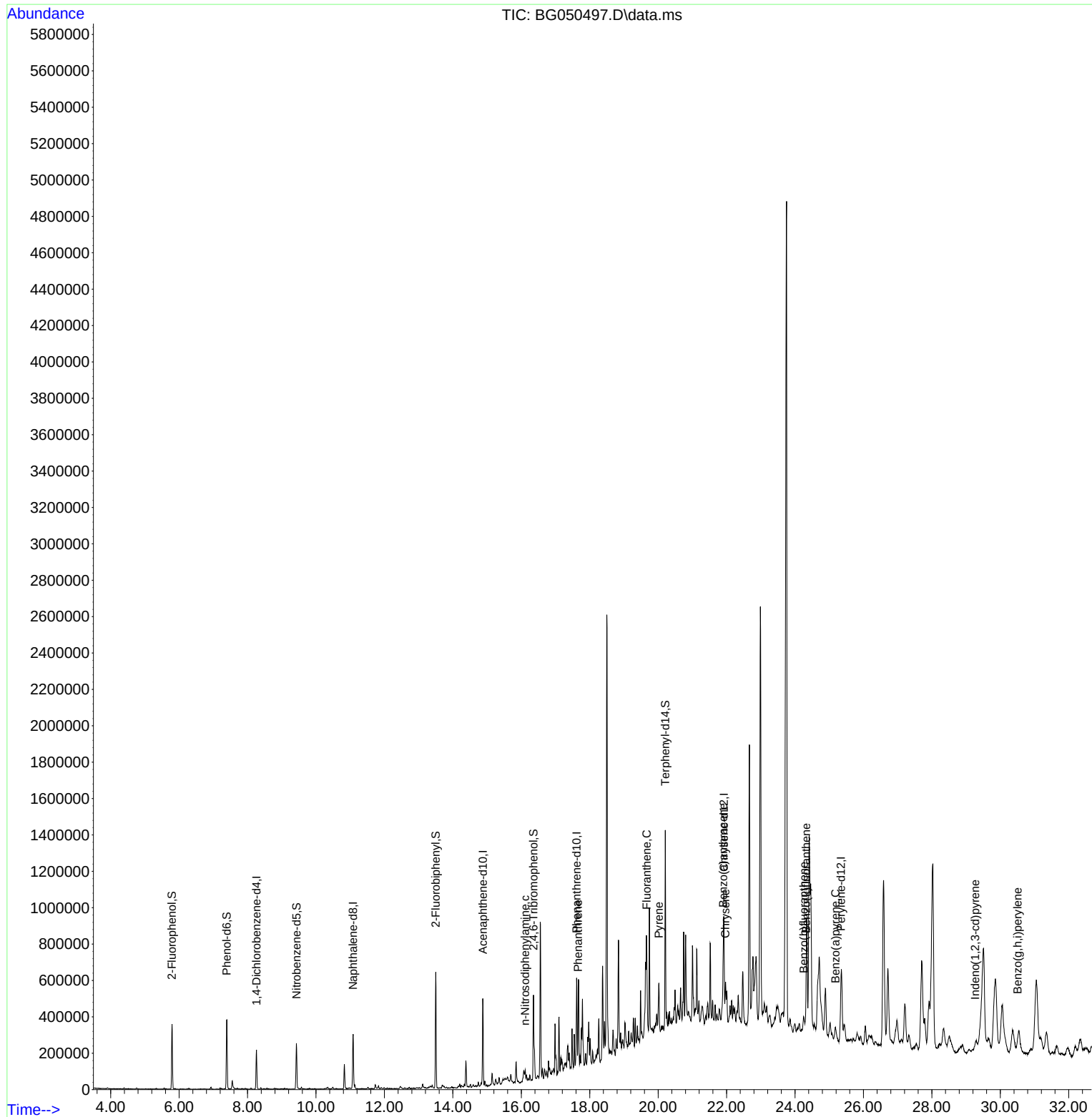
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

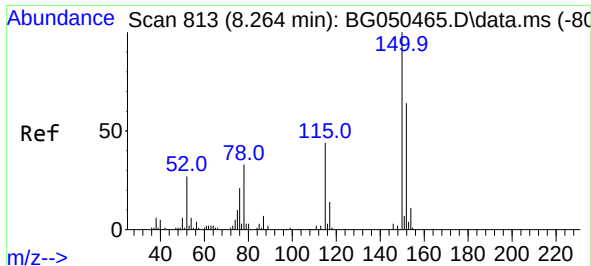
Instrument :
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ClientSampleId :
SS-05(NA)

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Quant Time: Oct 08 05:47:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





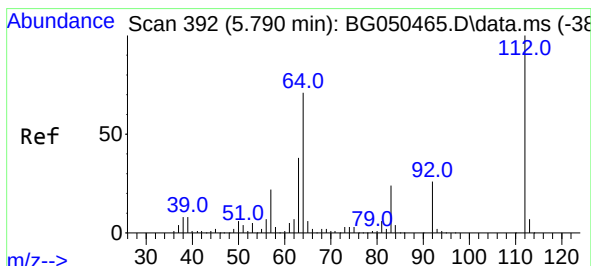
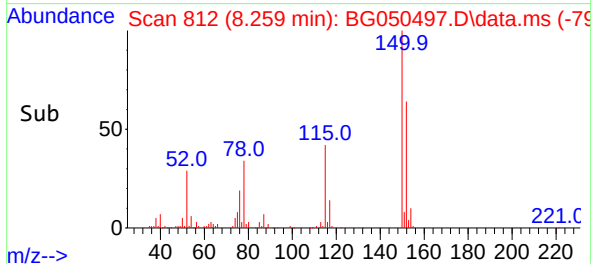
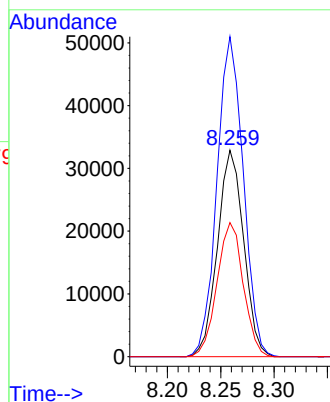
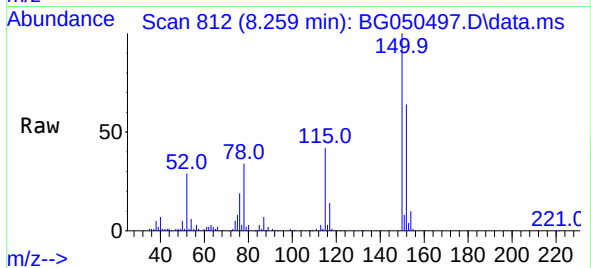
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:152 Resp: 56109
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 65.0 60.2 90.4

Instrument :
BNA_G
ClientSampled :
SS-05(NA)

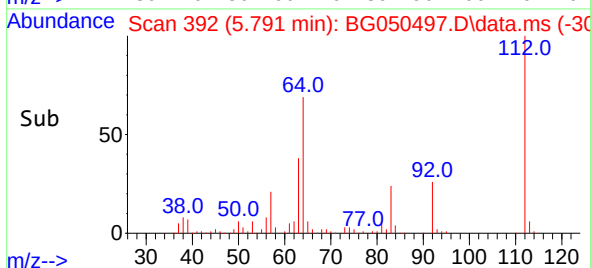
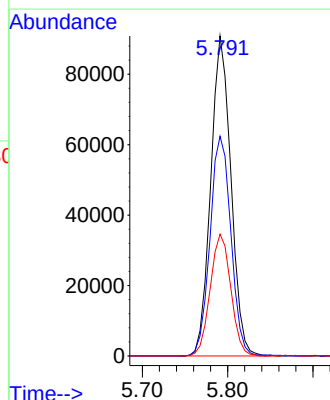
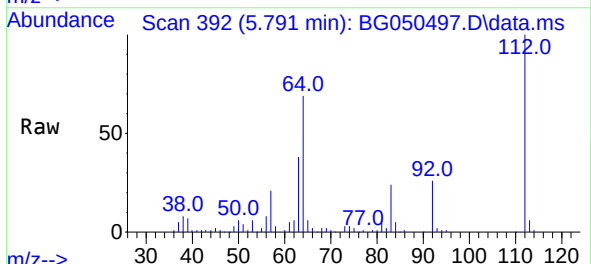
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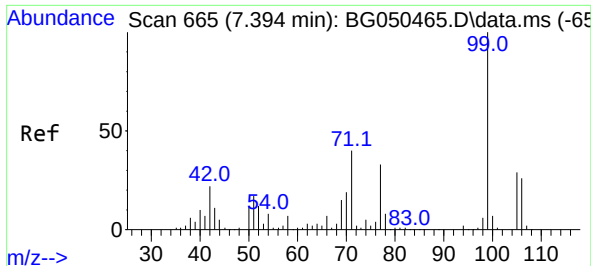
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#5
2-Fluorophenol
Concen: 39.82 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:112 Resp: 149411
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 38.0 35.3 52.9





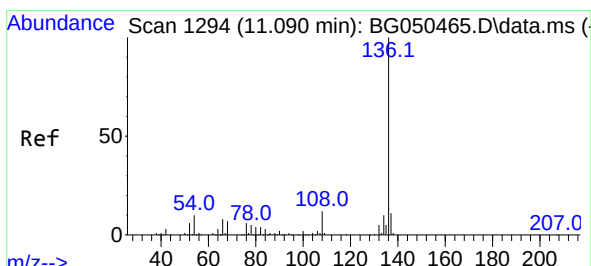
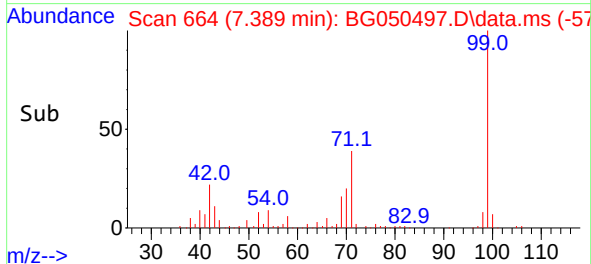
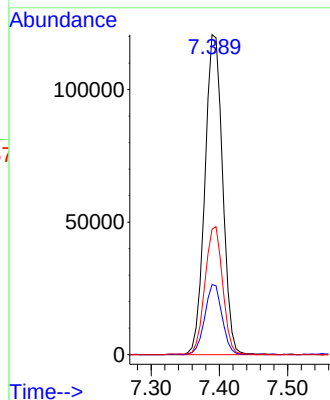
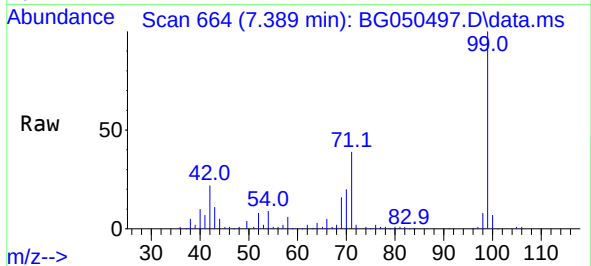
#7
Phenol-d6
Concen: 40.18 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 99 Resp: 218252
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 39.2 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
SS-05(NA)

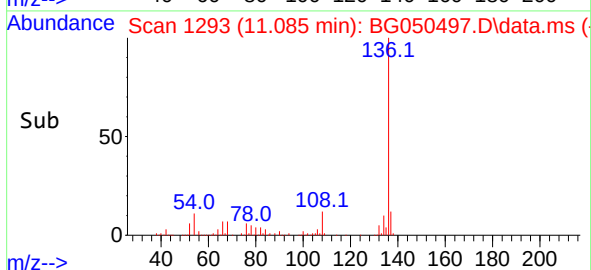
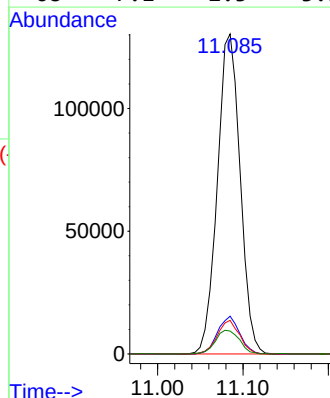
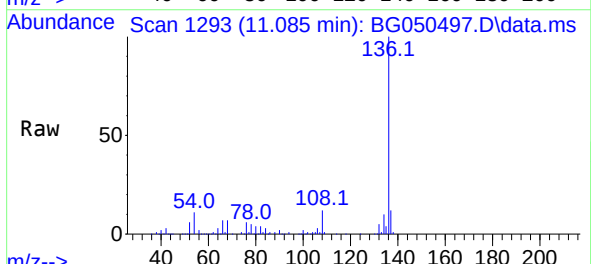
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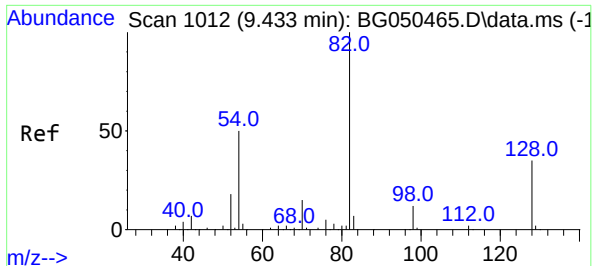
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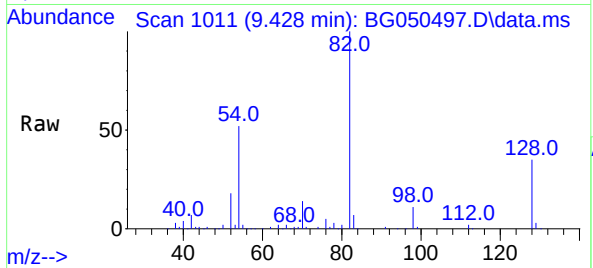
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 136 Resp: 242282
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.5 5.5 8.3#
68 7.1 2.3 3.5#

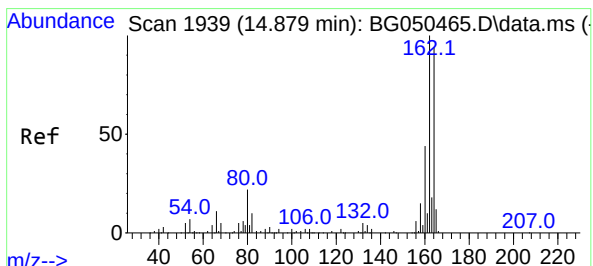
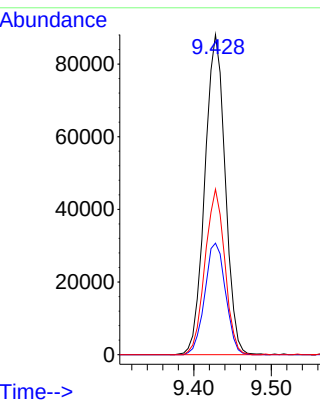
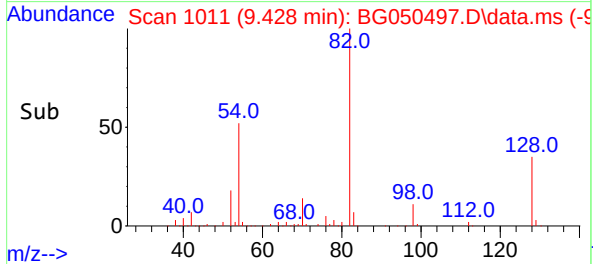




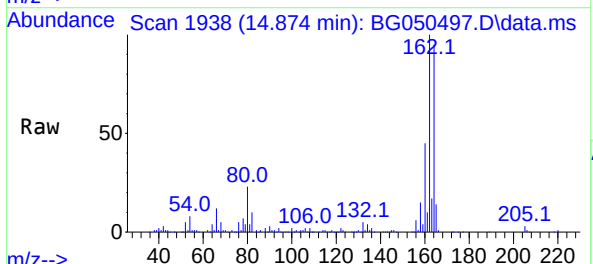
#23
Nitrobenzene-d5
Concen: 27.44 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



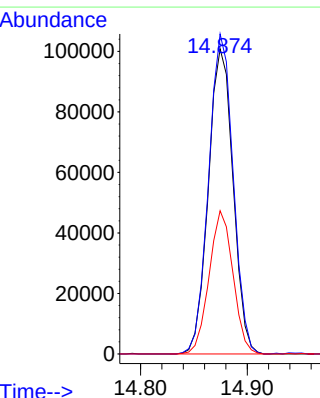
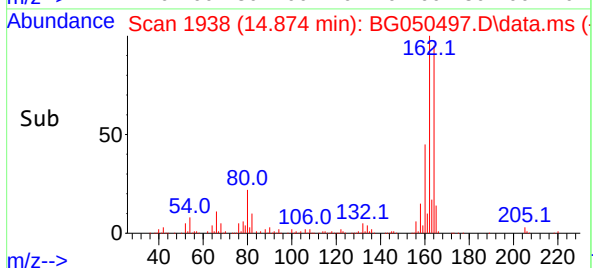
Tgt Ion: 82 Resp: 160627
Ion Ratio Lower Upper
82 100
128 34.8 29.8 44.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



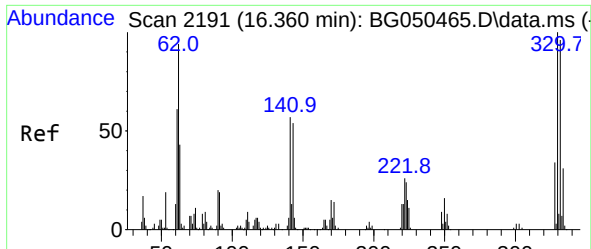
Tgt Ion: 164 Resp: 161974
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 46.9 34.9 52.3



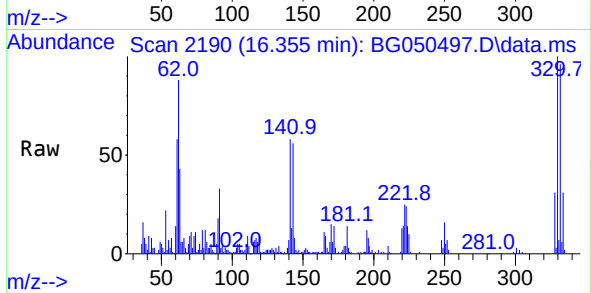
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

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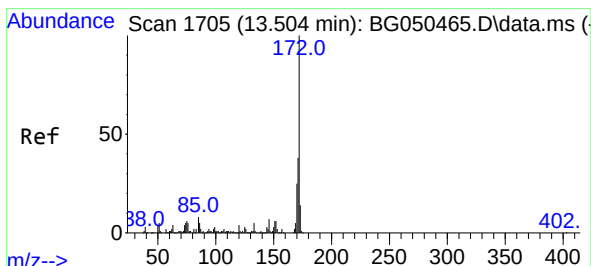
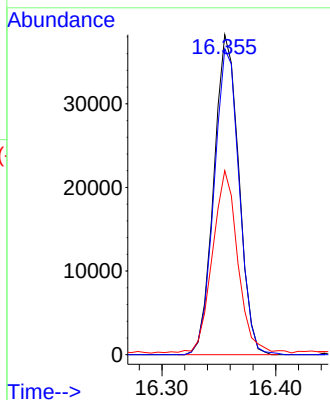
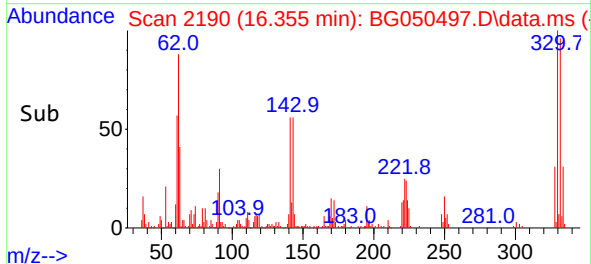
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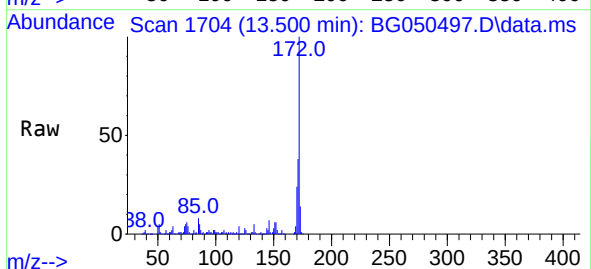
#42
2,4,6-Tribromophenol
Concen: 37.72 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



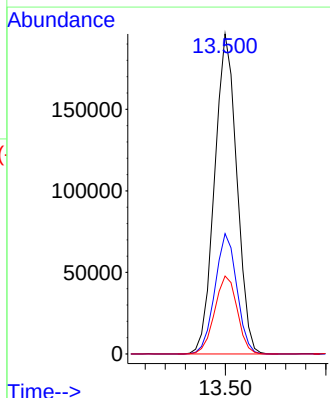
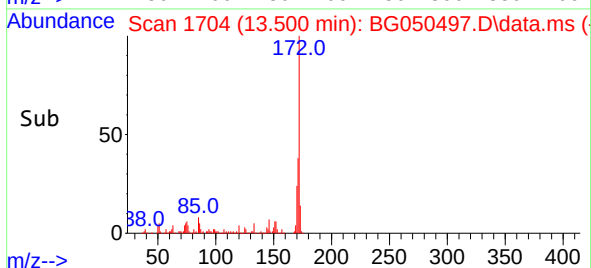
Tgt Ion:330 Resp: 58280
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 58.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 28.02 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



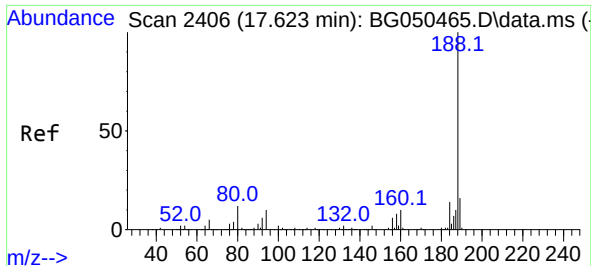
Tgt Ion:172 Resp: 301563
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.4 18.6 27.8



Instrument :
BNA_G
ClientSampled :
SS-05(NA)

Manual Integrations
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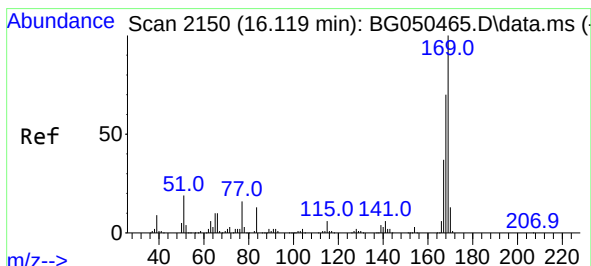
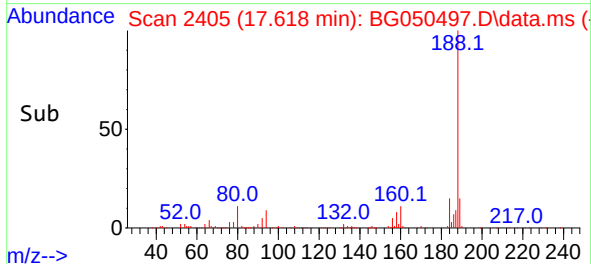
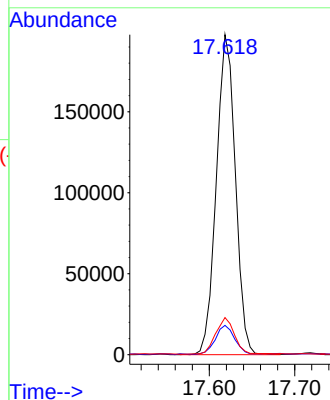
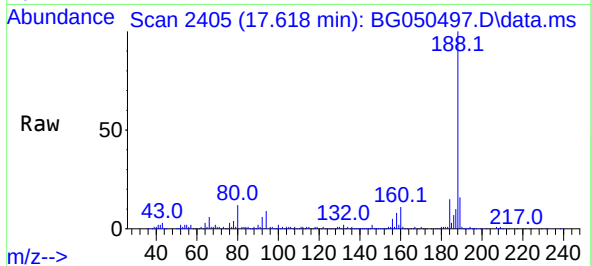
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:188 Resp: 306323
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.6 3.7 5.5#

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

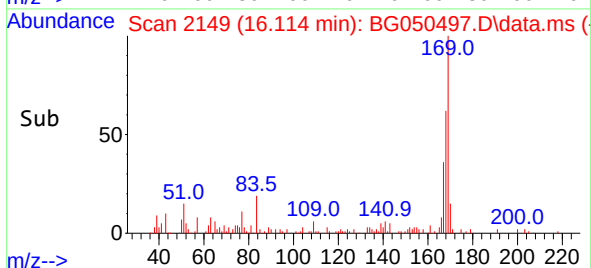
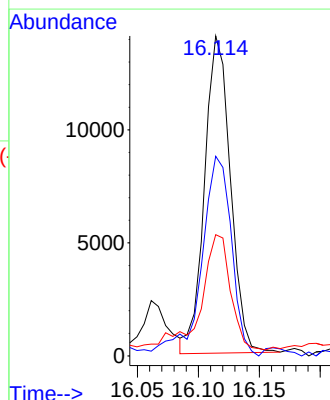
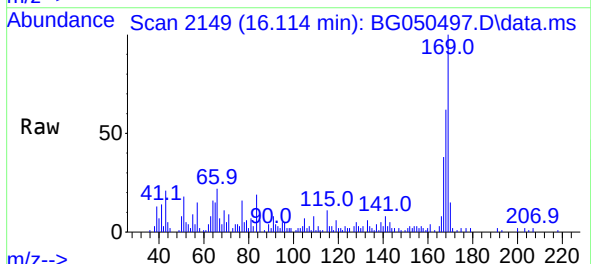
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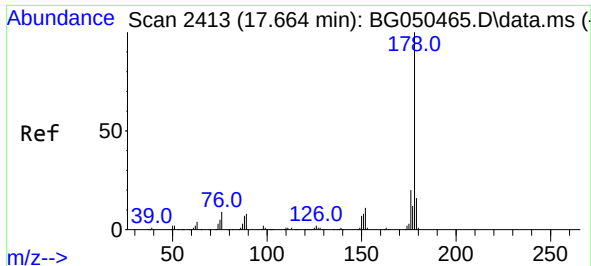
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#66
n-Nitrosodiphenylamine
Concen: 2.38 ng
RT: 16.114 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

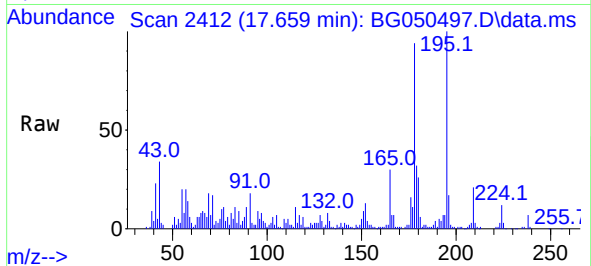
Tgt Ion:169 Resp: 20682
Ion Ratio Lower Upper
169 100
168 62.4 56.3 84.5
167 37.9 28.4 42.6





#71
Phenanthrene
Concen: 3.37 ng
RT: 17.659 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

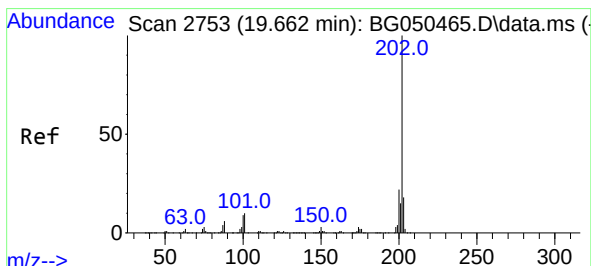
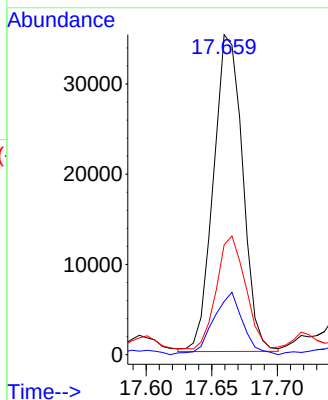
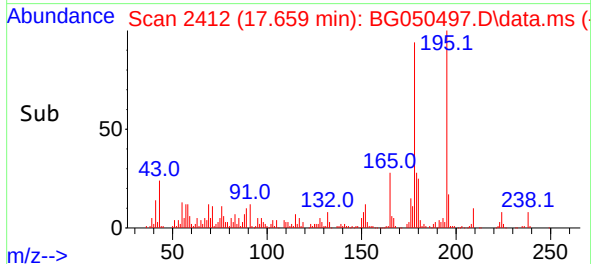
Instrument :
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SS-05(NA)



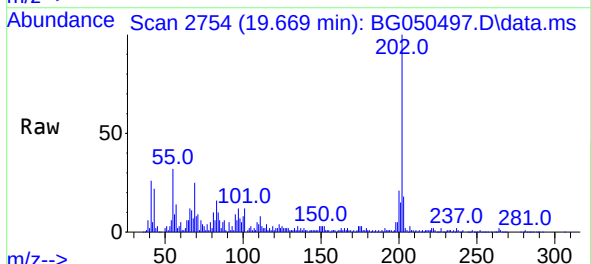
Tgt Ion:178 Resp: 54352
Ion Ratio Lower Upper
178 100
176 16.6 16.0 24.0
179 34.3 14.2 21.4#

Manual Integrations
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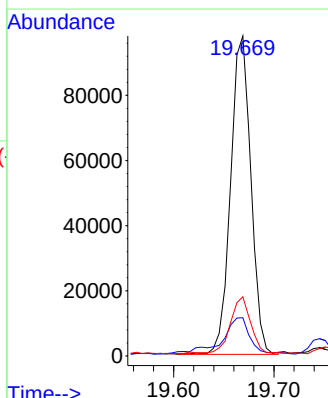
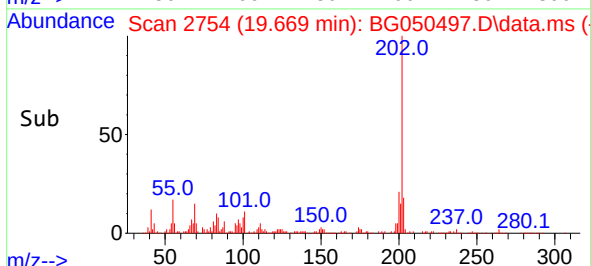
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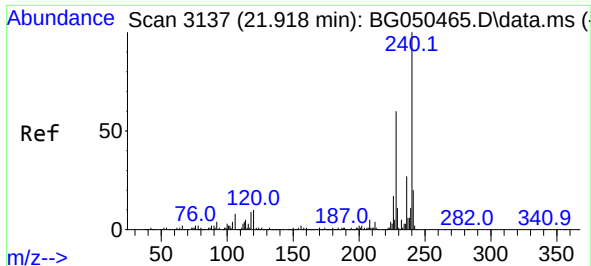


#75
Fluoranthene
Concen: 6.93 ng
RT: 19.669 min Scan# 2754
Delta R.T. 0.007 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



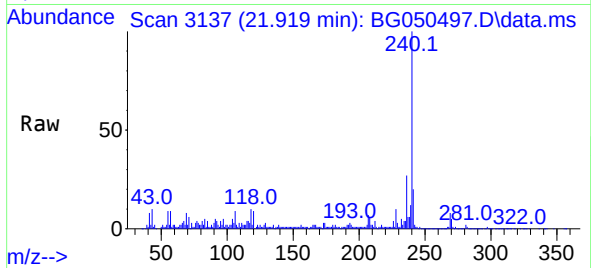
Tgt Ion:202 Resp: 137446
Ion Ratio Lower Upper
202 100
101 11.9 0.0 24.7
203 18.5 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

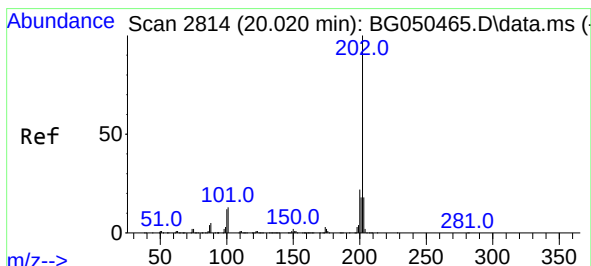
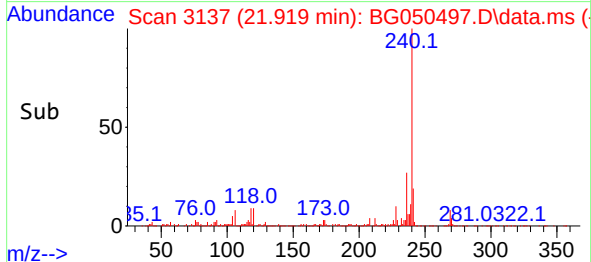
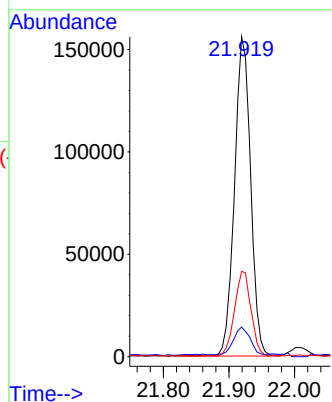
Instrument :
BNA_G
ClientSampled :
SS-05(NA)



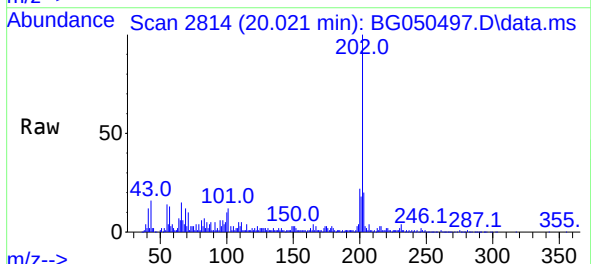
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Ion Ratio Lower Upper
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120 9.2 4.2 6.2#
236 26.7 21.8 32.6

Manual Integrations
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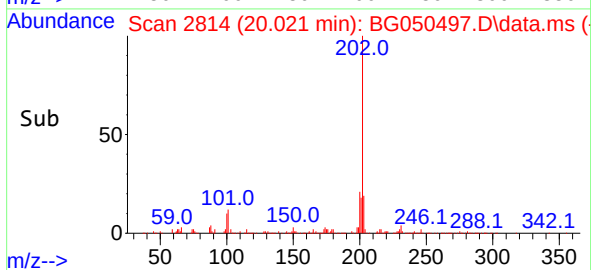
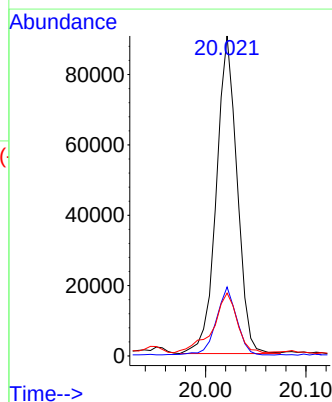
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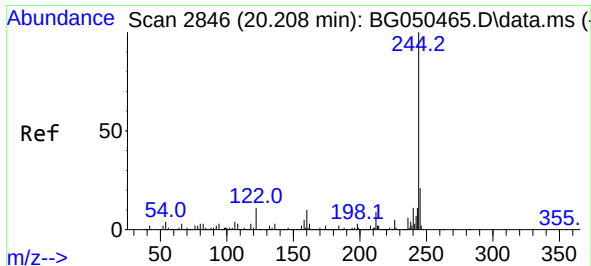


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Pyrene
Concen: 6.85 ng
RT: 20.021 min Scan# 2814
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

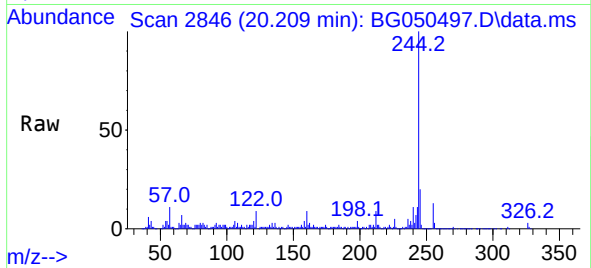


Tgt Ion:202 Resp: 129483
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 19.7 14.6 21.8

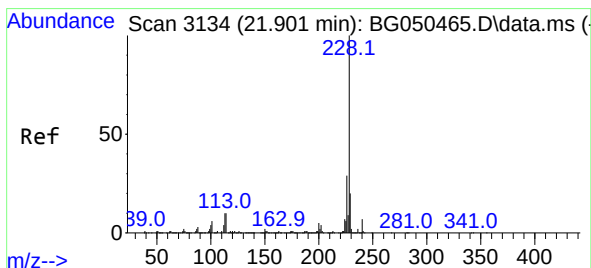
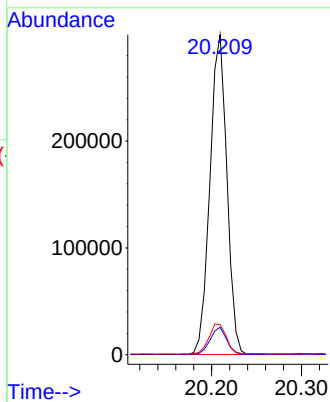
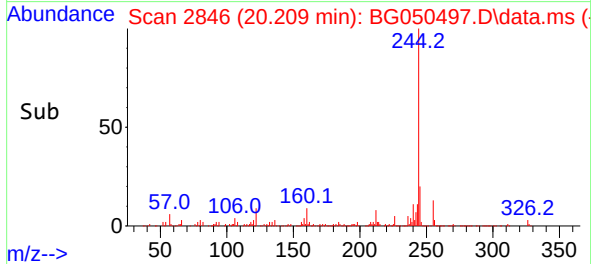




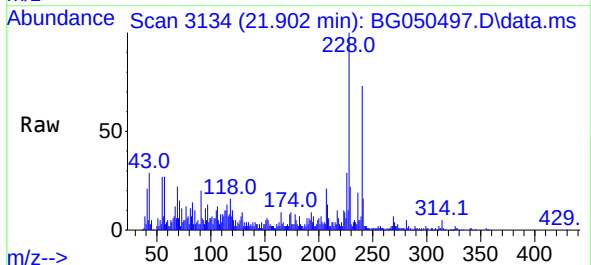
#79
Terphenyl-d14
Concen: 28.71 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



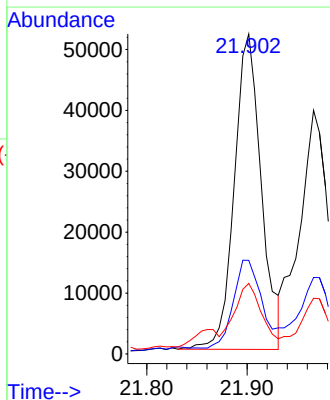
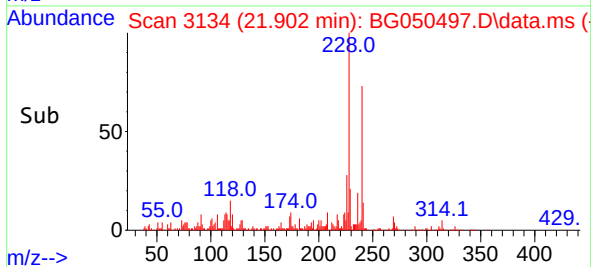
Tgt Ion:244 Resp: 392408
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 9.4 5.0 7.6#



#81
Benzo(a)anthracene
Concen: 5.50 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36



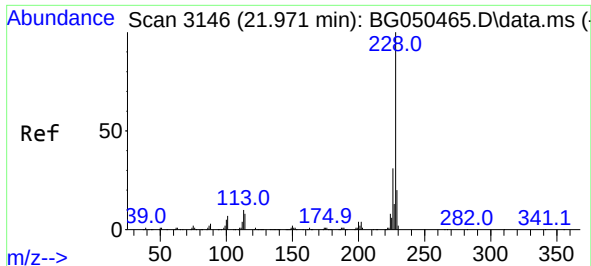
Tgt Ion:228 Resp: 96961
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 22.0 16.0 24.0



Instrument :
BNA_G
ClientSampled :
SS-05(NA)

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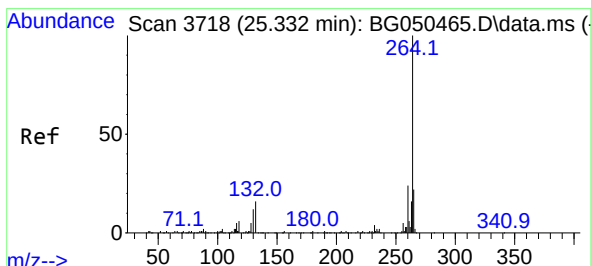
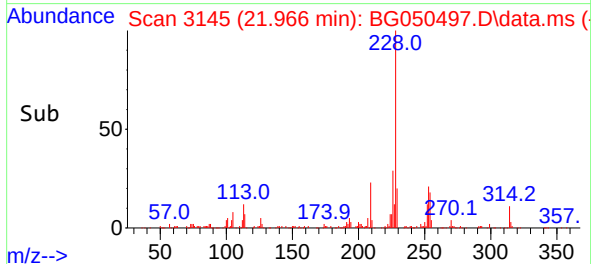
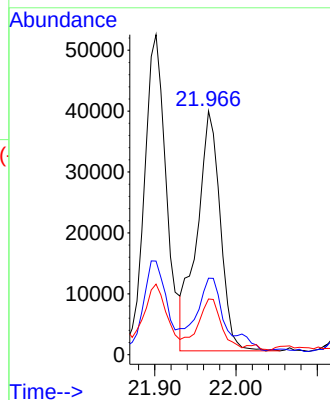
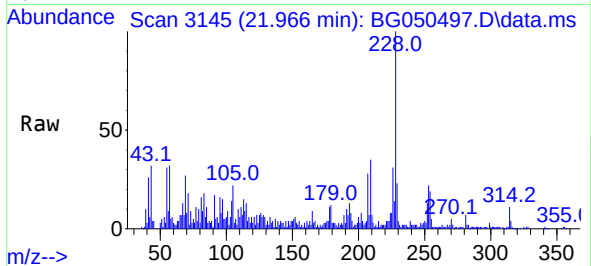
#83
Chrysene
Concen: 4.74 ng
RT: 21.966 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:	228	Resp:	78609
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.1	34.7
229	22.9	15.3	22.9

Instrument :
BNA_G
ClientSampled :
SS-05(NA)

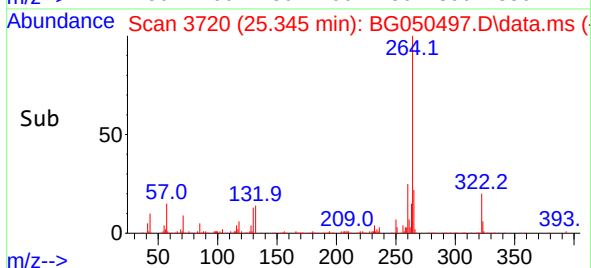
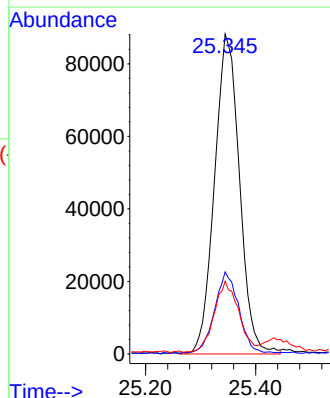
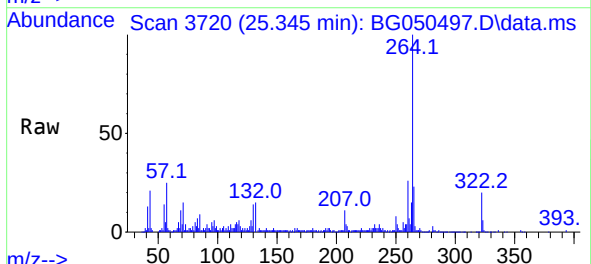
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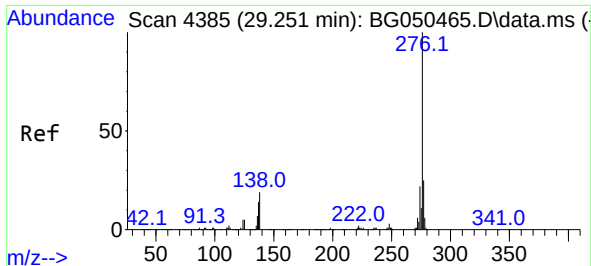
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.345 min Scan# 3720
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:	264	Resp:	278165
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.4	29.2
265	22.7	16.9	25.3





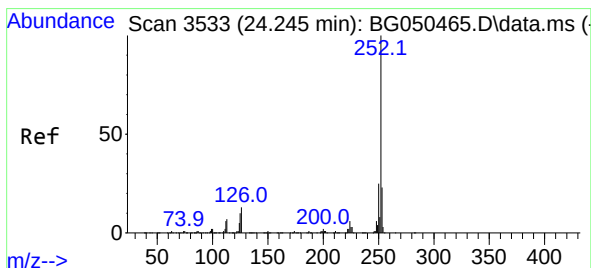
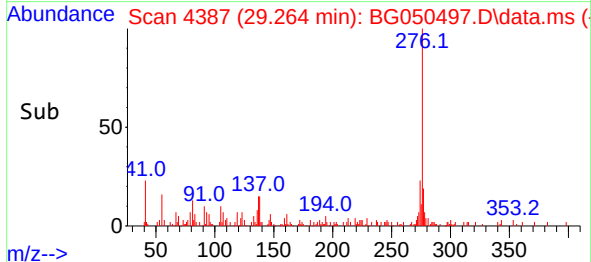
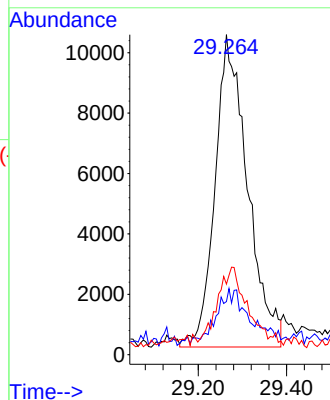
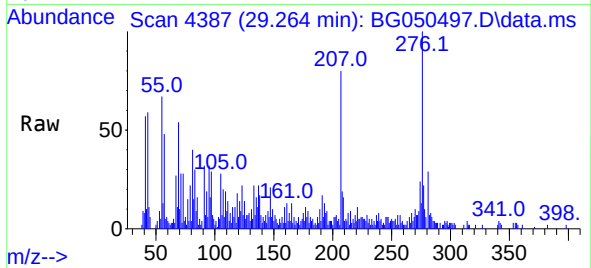
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.73 ng m
RT: 29.264 min Scan# 4387
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 276 Resp: 52804
Ion Ratio Lower Upper
276 100
138 8.1 5.1 7.7#
277 22.2 19.8 29.6

Instrument :
BNA_G
ClientSampled :
SS-05(NA)

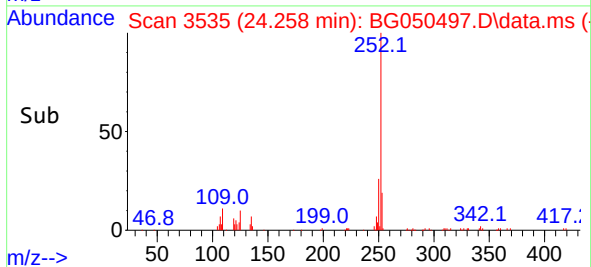
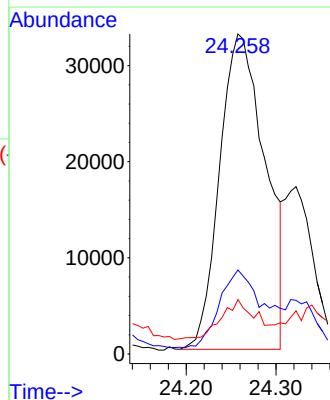
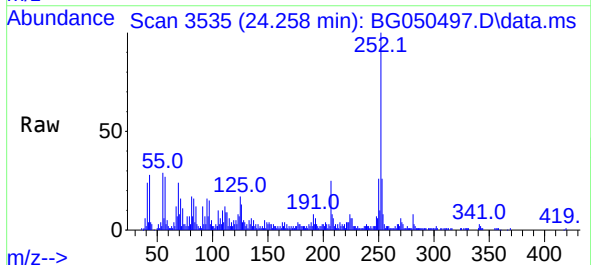
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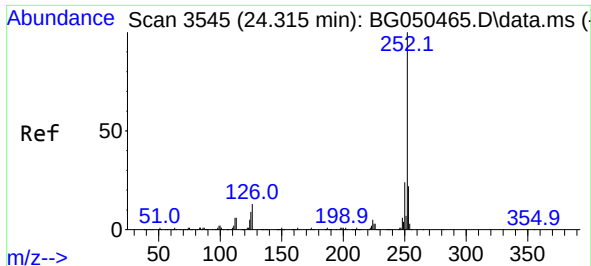
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#88
Benzo(b)fluoranthene
Concen: 6.79 ng
RT: 24.258 min Scan# 3535
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 252 Resp: 115666
Ion Ratio Lower Upper
252 100
253 26.2 16.2 24.4#
125 17.0 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 2.16 ng m

RT: 24.322 min Scan# 3546

Delta R.T. 0.007 min

Lab File: BG050497.D

Acq: 8 Oct 2021 00:36

Tgt Ion:	252	Resp:	36142
Ion Ratio	Lower	Upper	
252	100		
253	32.1	18.0	27.0#
125	25.8	3.1	4.7#

Instrument :

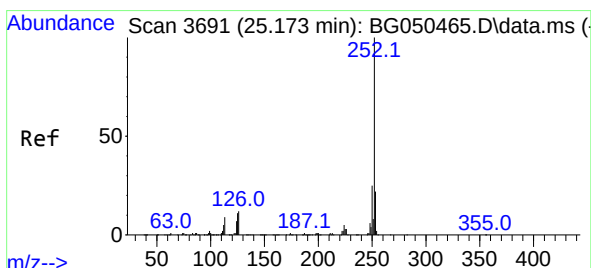
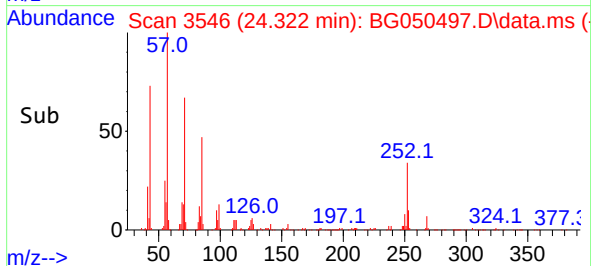
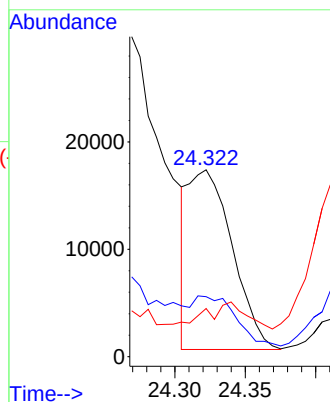
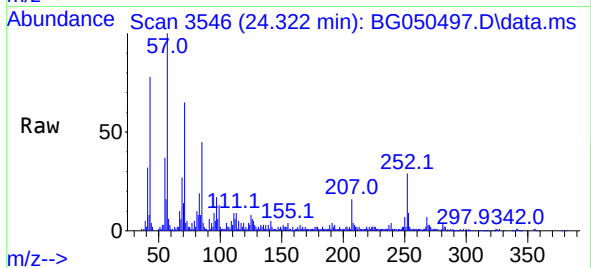
BNA_G

ClientSampleId :

SS-05(NA)

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#90

Benzo(a)pyrene

Concen: 4.87 ng

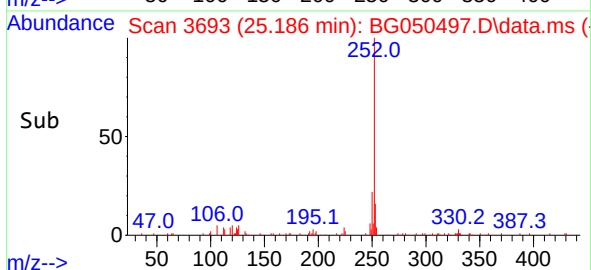
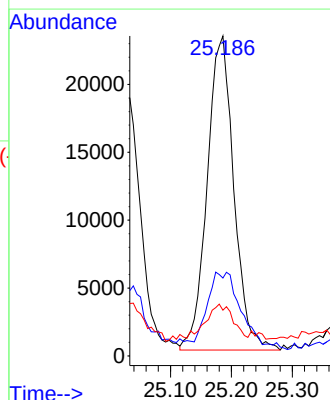
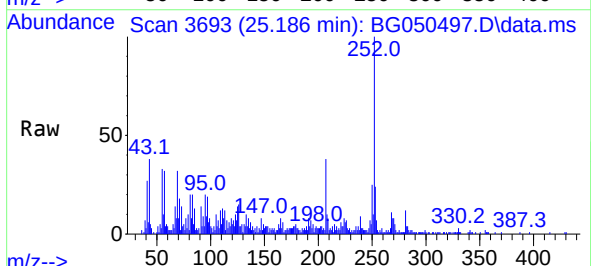
RT: 25.186 min Scan# 3693

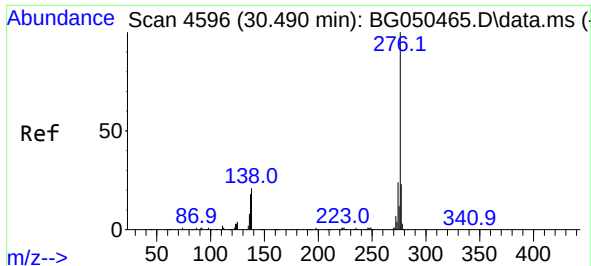
Delta R.T. 0.013 min

Lab File: BG050497.D

Acq: 8 Oct 2021 00:36

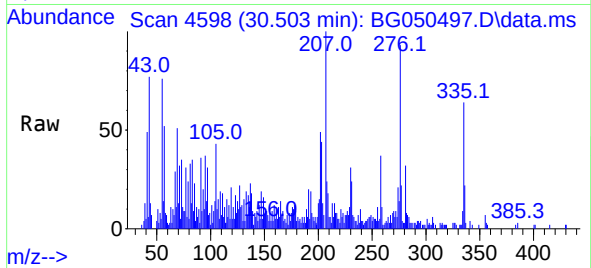
Tgt Ion:	252	Resp:	70571
Ion Ratio	Lower	Upper	
252	100		
253	24.3	16.6	25.0
125	14.3	3.5	5.3#





#92
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 30.503 min Scan# 4598
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)



Tgt Ion: 276 Resp: 49400
Ion Ratio Lower Upper
276 100
277 24.1 18.4 27.6
138 19.2 7.0 10.6#

Manual Integrations
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