

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050498.D
 Acq On : 8 Oct 2021 1:17
 Operator : CG/JU
 Sample : M4131-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-06(NA)

Manual Integrations
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Quant Time: Oct 08 05:47:25 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	8.262	152	58153	20.00	ng	0.00
21) Naphthalene-d8	11.082	136	257411	20.00	ng	# 0.00
39) Acenaphthene-d10	14.877	164	169634	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	318281	20.00	ng	# 0.00
76) Chrysene-d12	21.922	240	276626	20.00	ng	# 0.00
86) Perylene-d12	25.342	264	277824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	78853	20.28	ng	0.00
7) Phenol-d6	7.392	99	115430	20.50	ng	0.00
23) Nitrobenzene-d5	9.425	82	86886	13.97	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	32096	19.84	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	169938	15.08	ng	0.00
79) Terphenyl-d14	20.212	244	210885	14.86	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.678	202	104121	5.05	ng	94
78) Pyrene	20.024	202	107257	5.46	ng	98
81) Benzo(a)anthracene	21.905	228	60756	3.32	ng	98
83) Chrysene	21.969	228	60675	3.52	ng	93
87) Indeno(1,2,3-cd)pyrene	29.278	276	42173m	2.18	ng	
88) Benzo(b)fluoranthene	24.249	252	92580	5.44	ng	# 89
90) Benzo(a)pyrene	25.177	252	59538	4.12	ng	# 89
92) Benzo(g,h,i)perylene	30.506	276	39746	2.54	ng	# 90

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

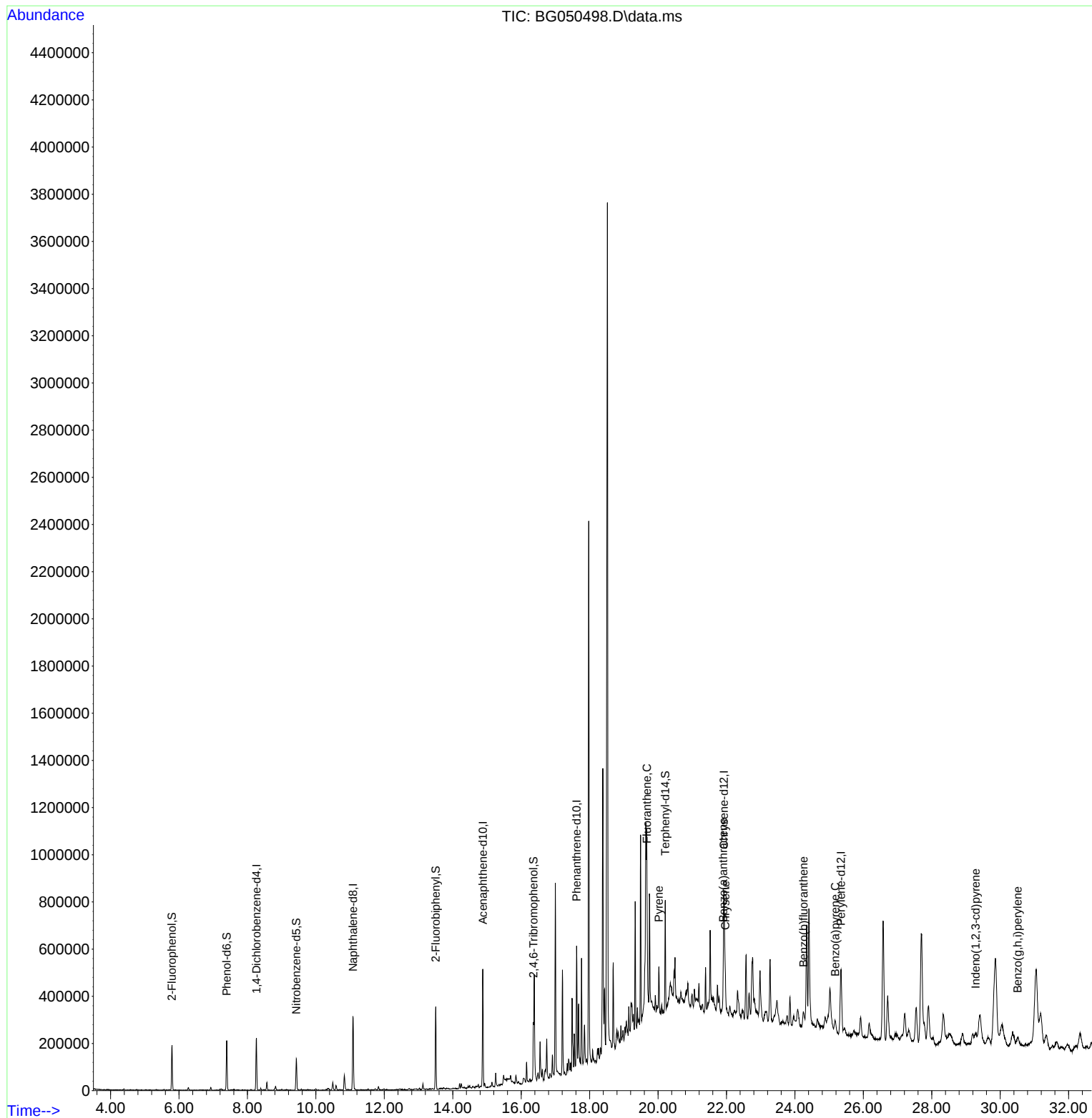
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050498.D
Acq On : 8 Oct 2021 1:17
Operator : CG/JU
Sample : M4131-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

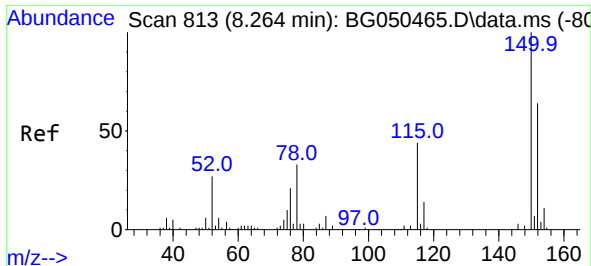
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

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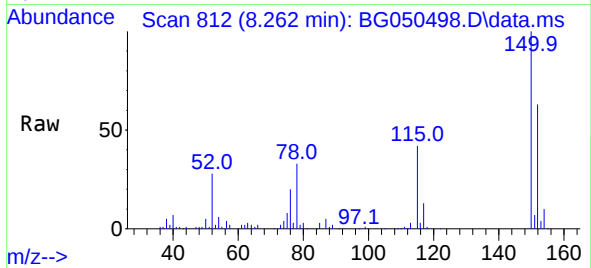
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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Response via : Initial Calibration

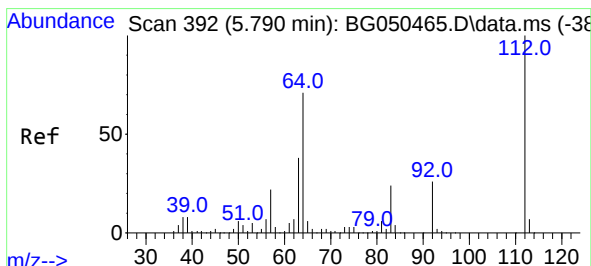
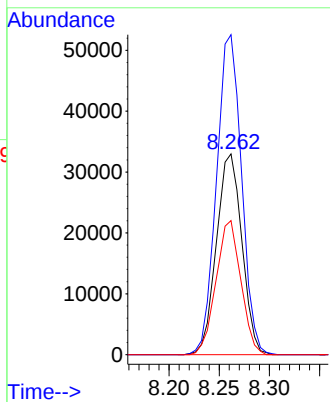
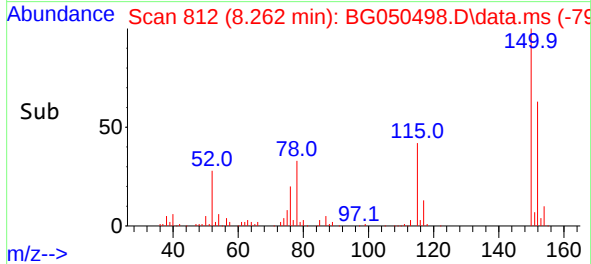




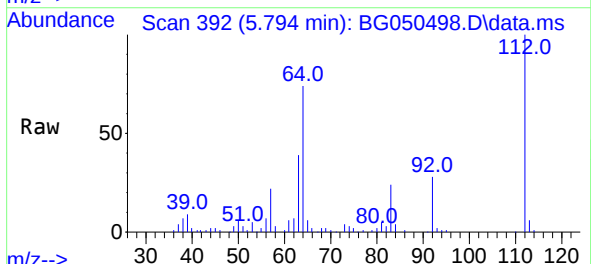
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



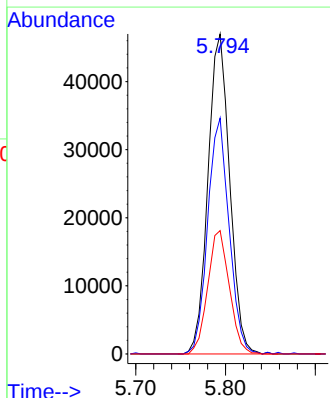
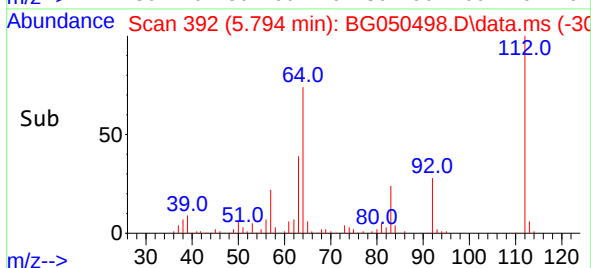
Tgt Ion:152 Resp: 58153
Ion Ratio Lower Upper
152 100
150 159.4 119.4 179.0
115 66.8 60.2 90.4



#5
2-Fluorophenol
Concen: 20.28 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



Tgt Ion:112 Resp: 78853
Ion Ratio Lower Upper
112 100
64 73.7 46.7 70.1#
63 38.5 35.3 52.9



Instrument :
BNA_G
ClientSampled :
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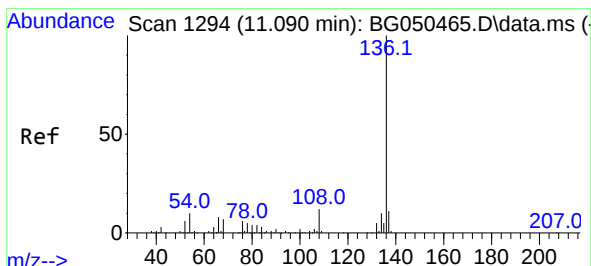
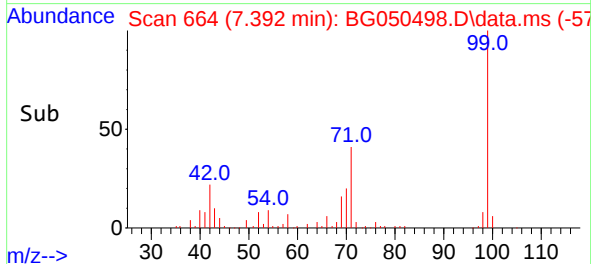
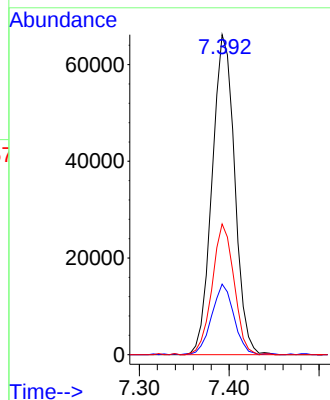
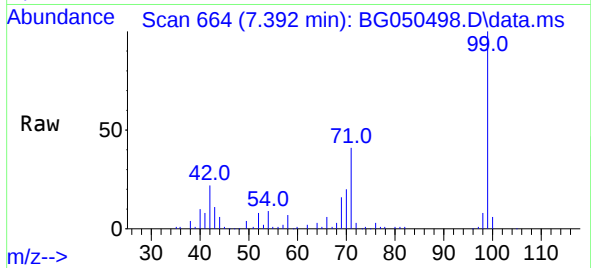
#7
Phenol-d6
Concen: 20.50 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 99 Resp: 115430
Ion Ratio Lower Upper
99 100
42 22.1 20.5 30.7
71 40.9 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
SS-06(NA)

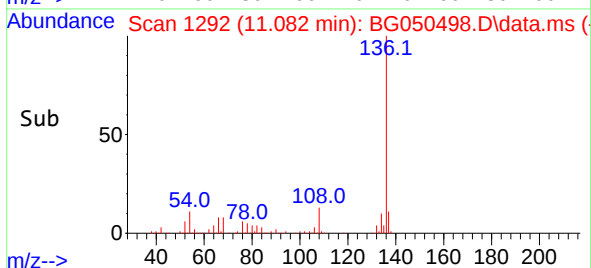
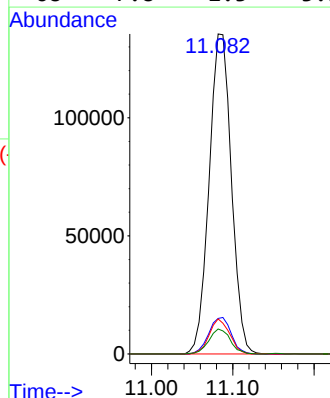
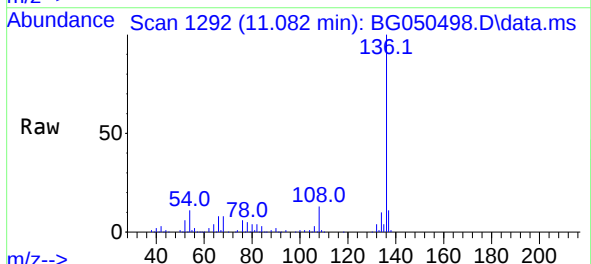
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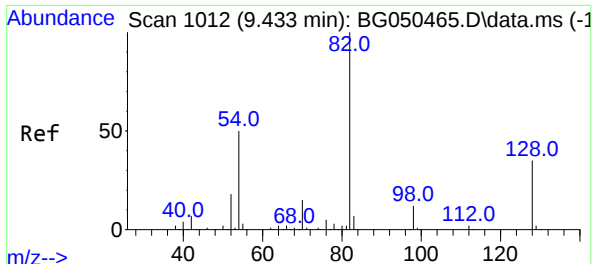
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 136 Resp: 257411
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.9 5.5 8.3#
68 7.8 2.3 3.5#





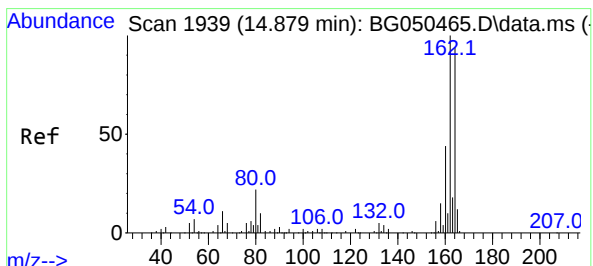
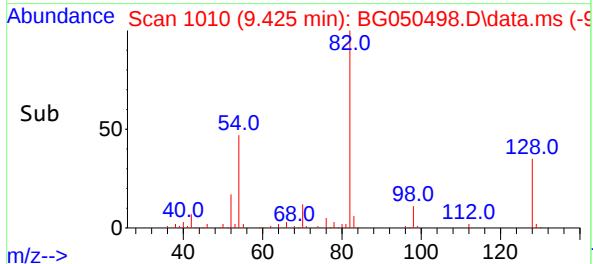
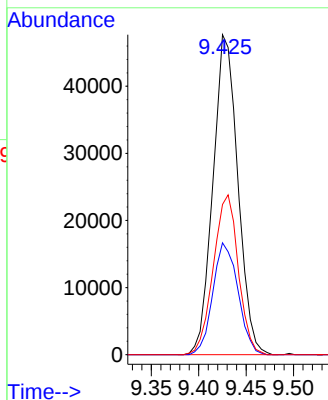
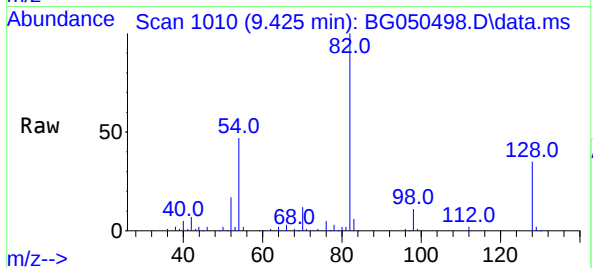
#23
Nitrobenzene-d5
Concen: 13.97 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:	82	Resp:	86886
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.8	44.6
54	46.9	45.8	68.8

Instrument :
BNA_G
ClientSampled :
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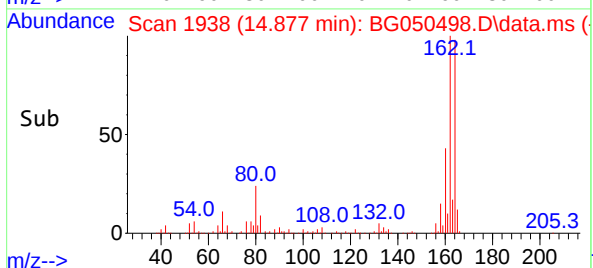
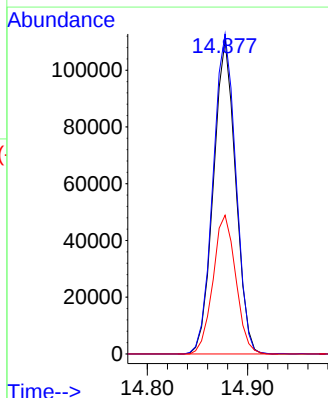
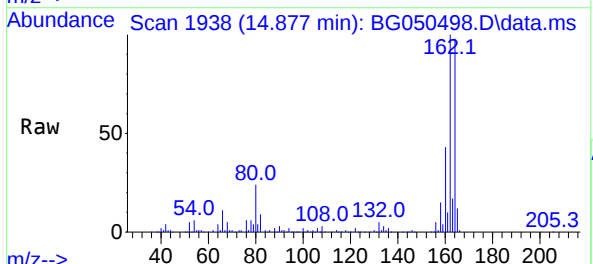
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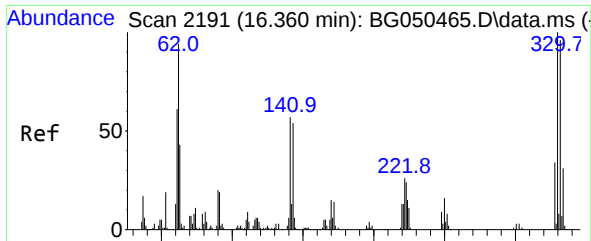
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

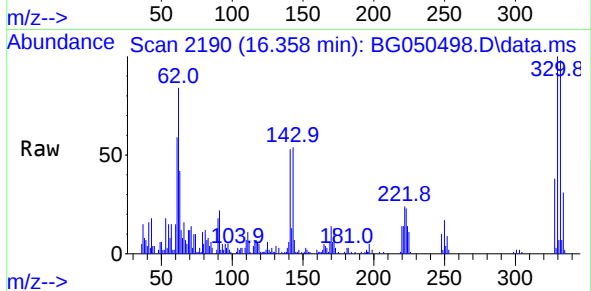
Tgt Ion:	164	Resp:	169634
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	44.2	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 19.84 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

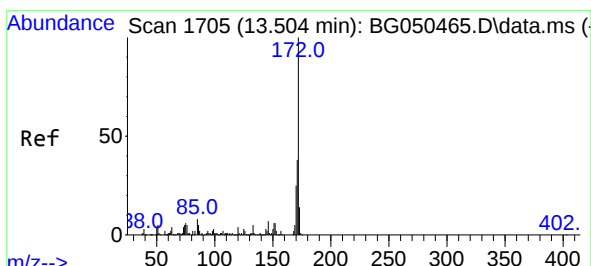
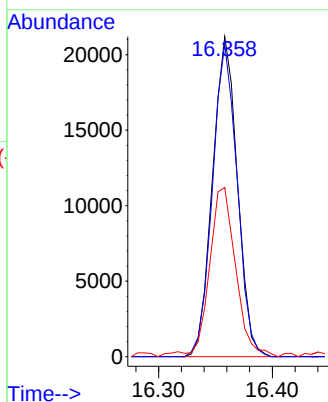
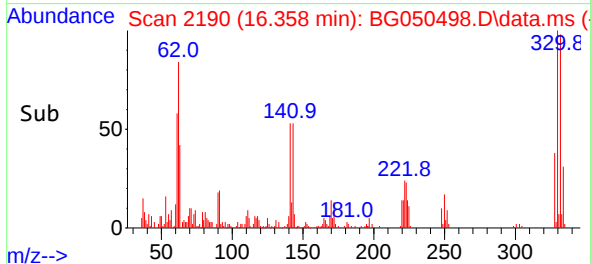
Instrument :
BNA_G
ClientSampled :
SS-06(NA)



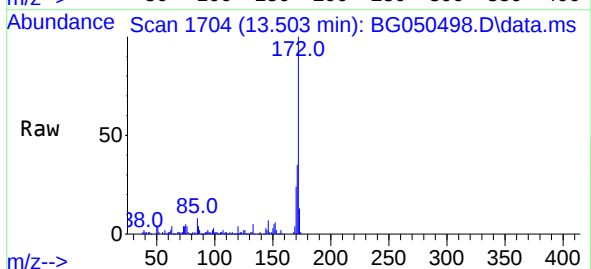
Tgt Ion:330 Resp: 32096
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 56.3 35.6 53.4#

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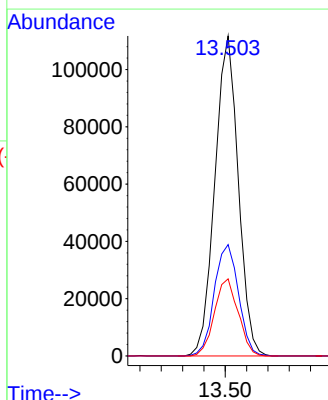
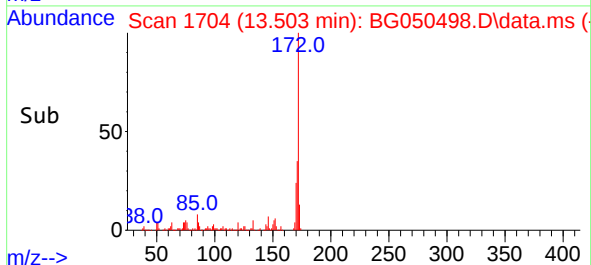
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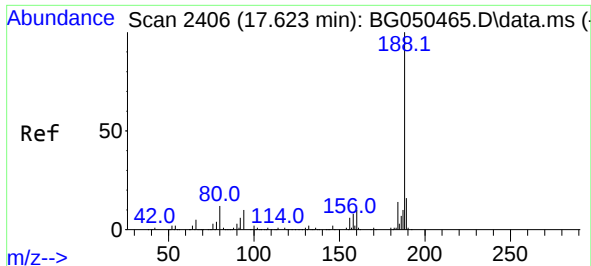


#45
2-Fluorobiphenyl
Concen: 15.08 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



Tgt Ion:172 Resp: 169938
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 24.1 18.6 27.8





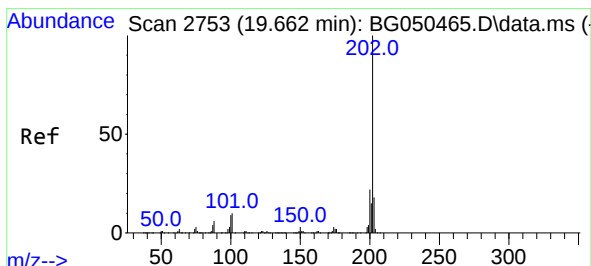
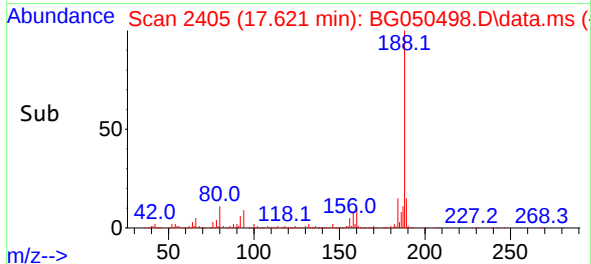
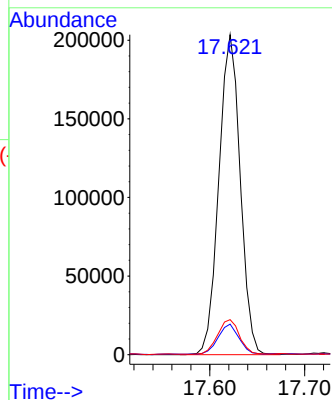
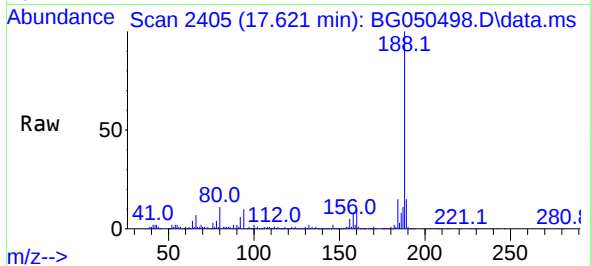
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:188 Resp: 318281
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 10.9 3.7 5.5#

Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

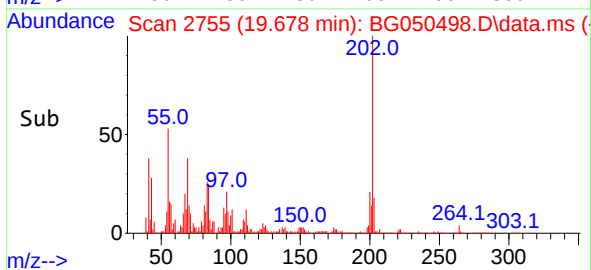
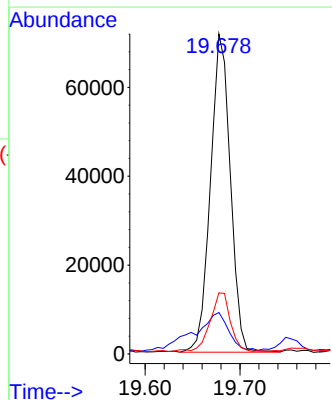
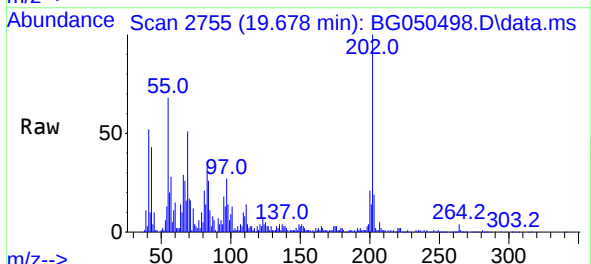
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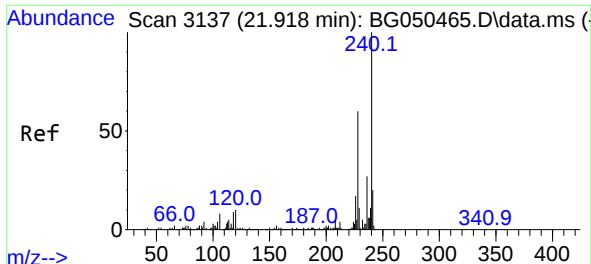
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#75
Fluoranthene
Concen: 5.05 ng
RT: 19.678 min Scan# 2755
Delta R.T. 0.016 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

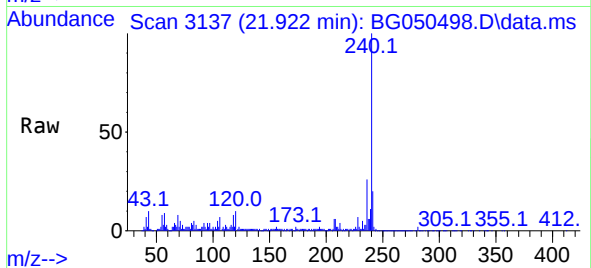
Tgt Ion:202 Resp: 104121
Ion Ratio Lower Upper
202 100
101 12.9 0.0 24.7
203 19.1 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

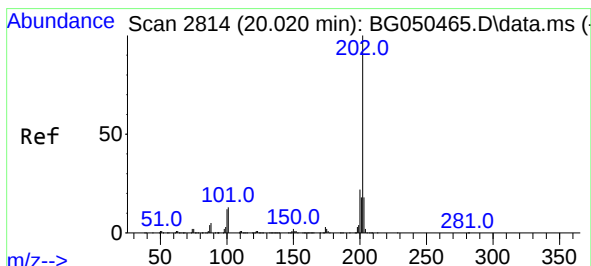
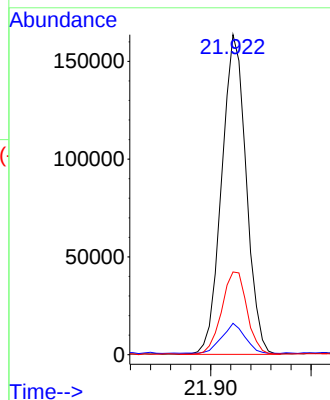
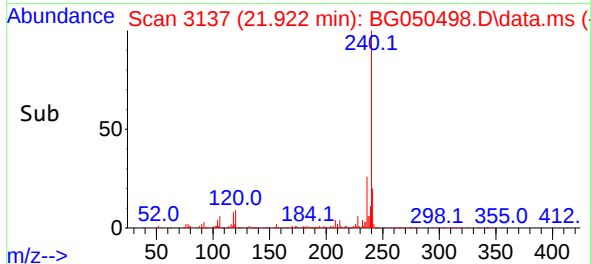
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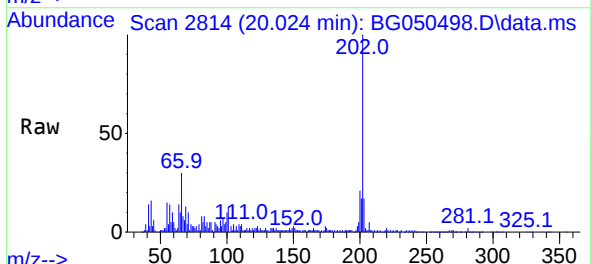
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Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.8 21.8 32.6

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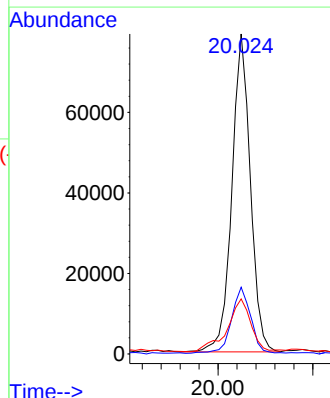
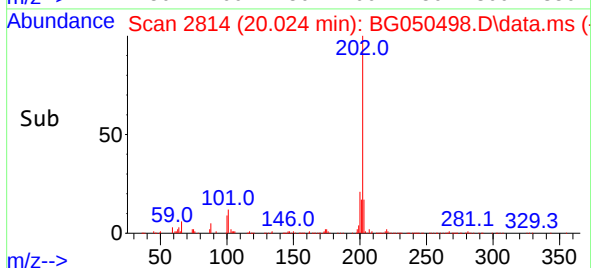
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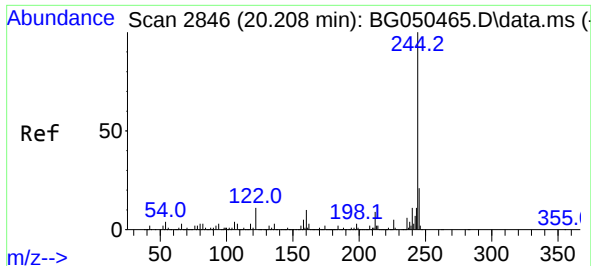


#78
Pyrene
Concen: 5.46 ng
RT: 20.024 min Scan# 2814
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



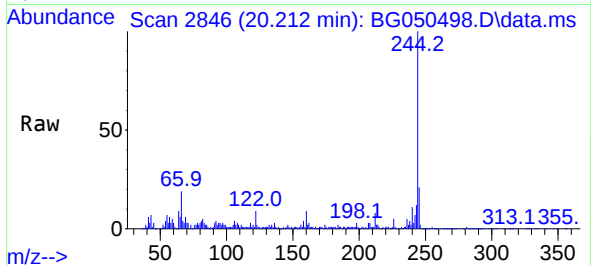
Tgt Ion:202 Resp: 107257
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 14.86 ng
 RT: 20.212 min Scan# 2846
 Delta R.T. 0.004 min
 Lab File: BG050498.D
 Acq: 8 Oct 2021 1:17

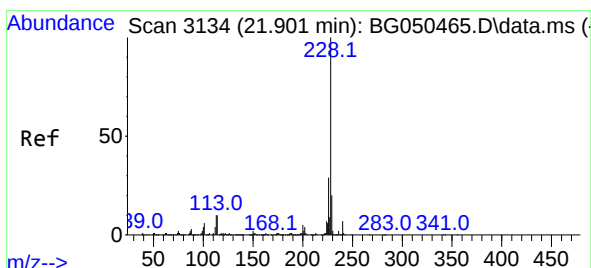
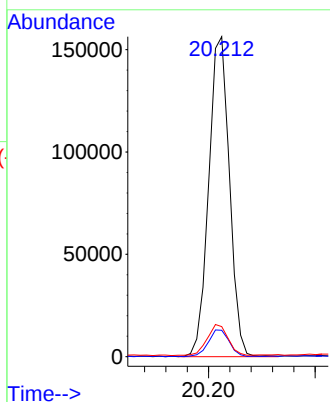
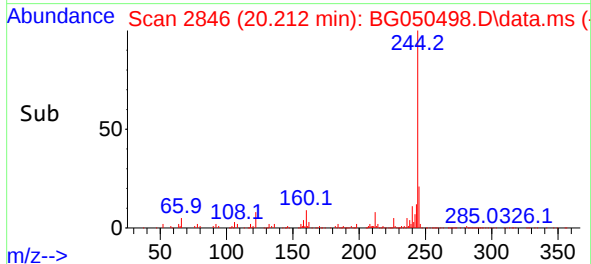
Instrument :
 BNA_G
 ClientSampled :
 SS-06(NA)



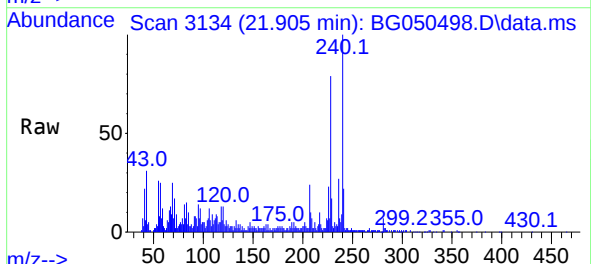
Tgt Ion:244 Resp: 210885
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 9.4 5.0 7.6#

Manual Integrations
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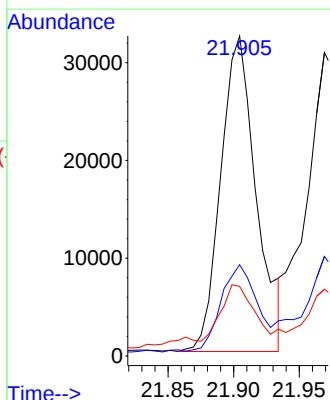
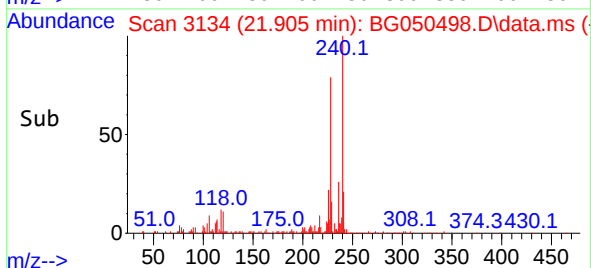
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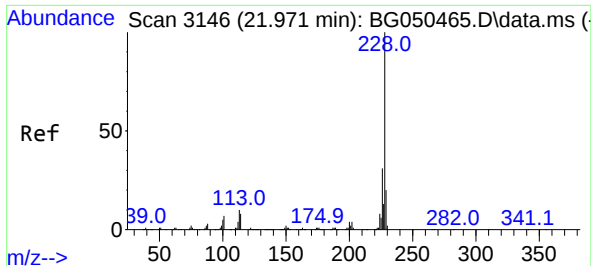


#81
 Benzo(a)anthracene
 Concen: 3.32 ng
 RT: 21.905 min Scan# 3134
 Delta R.T. 0.004 min
 Lab File: BG050498.D
 Acq: 8 Oct 2021 1:17

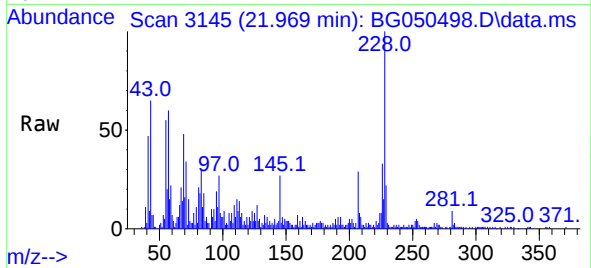


Tgt Ion:228 Resp: 60756
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.7 34.1
 229 21.8 16.0 24.0

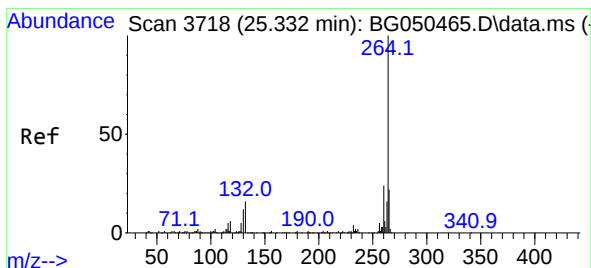
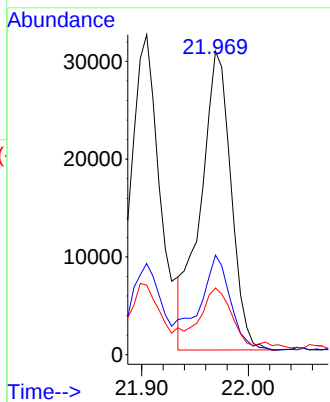
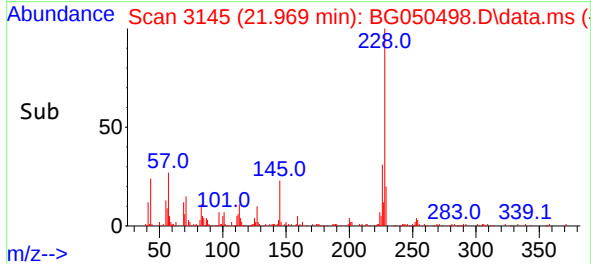




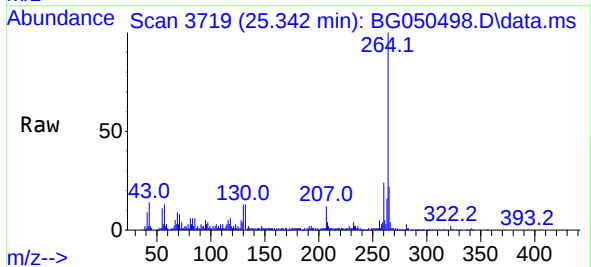
#83
Chrysene
Concen: 3.52 ng
RT: 21.969 min Scan# 3145
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



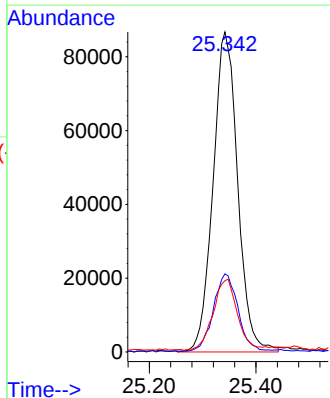
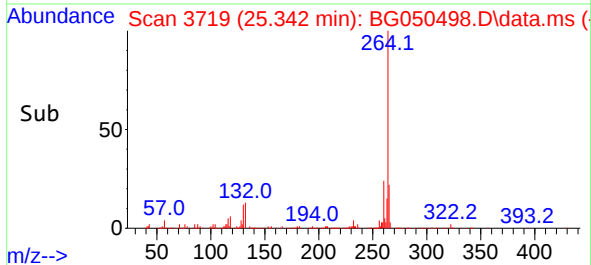
Tgt Ion:228 Resp: 60675
Ion Ratio Lower Upper
228 100
226 32.8 23.1 34.7
229 22.0 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.010 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17



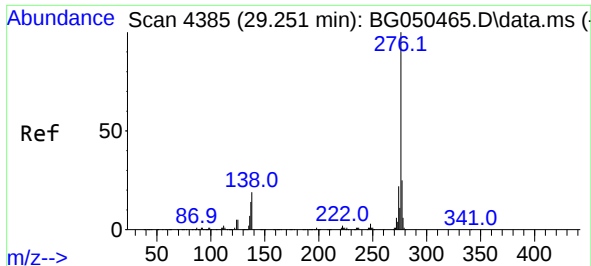
Tgt Ion:264 Resp: 277824
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.3 16.9 25.3



Instrument :
BNA_G
ClientSampled :
SS-06(NA)

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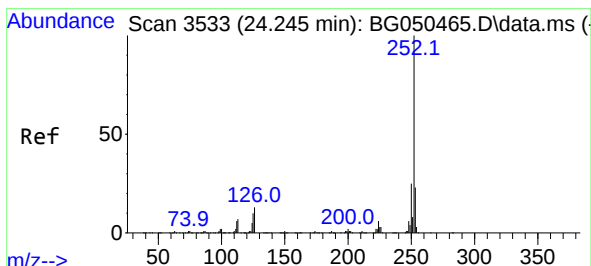
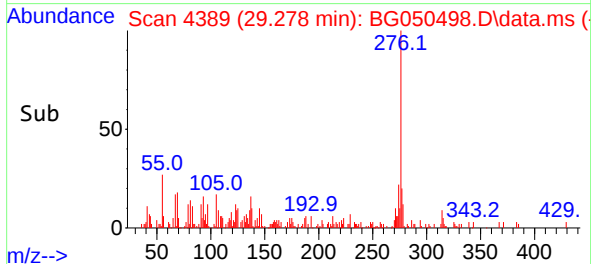
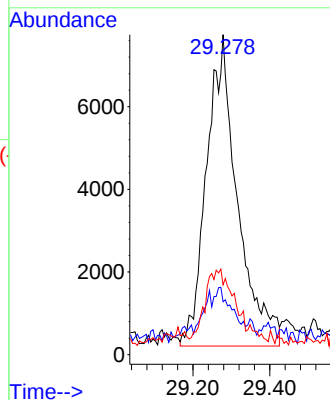
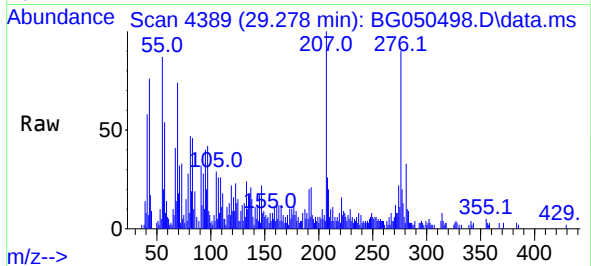
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng m
RT: 29.278 min Scan# 4389
Delta R.T. 0.028 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 276 Resp: 42173
Ion Ratio Lower Upper
276 100
138 3.7 5.1 7.7#
277 0.0 19.8 29.6#

Instrument :
BNA_G
ClientSampled :
SS-06(NA)

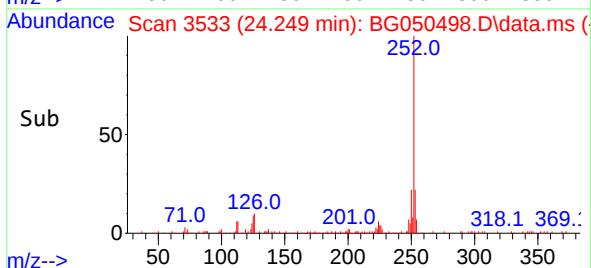
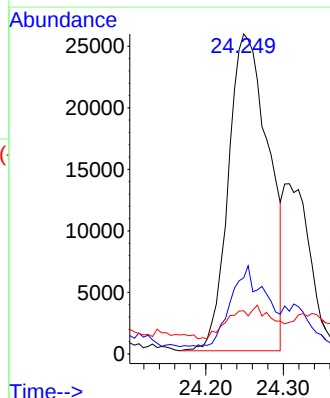
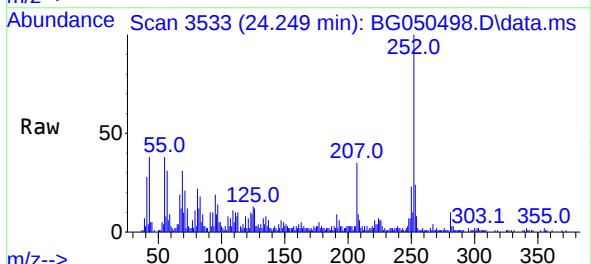
Manual Integrations
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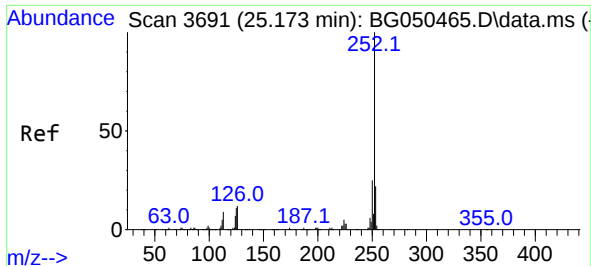
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#88
Benzo(b)fluoranthene
Concen: 5.44 ng
RT: 24.249 min Scan# 3533
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 252 Resp: 92580
Ion Ratio Lower Upper
252 100
253 23.8 16.2 24.4
125 13.5 3.0 4.4#





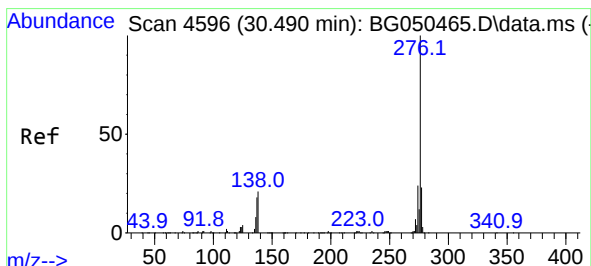
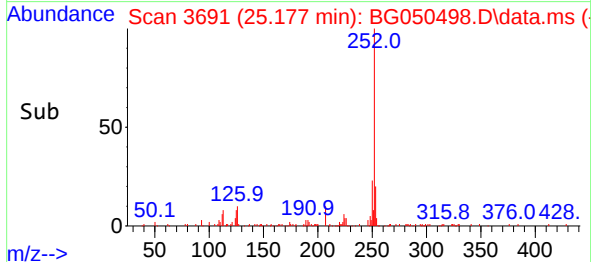
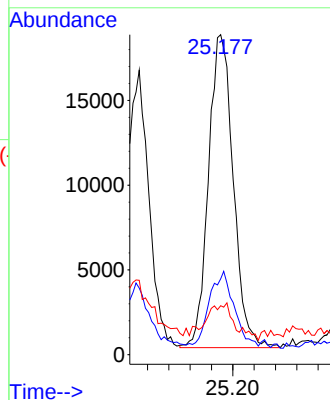
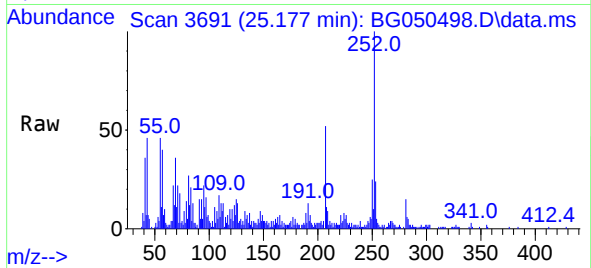
#90
Benzo(a)pyrene
Concen: 4.12 ng
RT: 25.177 min Scan# 3691
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:252 Resp: 59538
Ion Ratio Lower Upper
252 100
253 23.7 16.6 25.0
125 15.3 3.5 5.3#

Instrument :
BNA_G
ClientSampled :
SS-06(NA)

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.54 ng
RT: 30.506 min Scan# 4598
Delta R.T. 0.016 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:276 Resp: 39746
Ion Ratio Lower Upper
276 100
277 24.6 18.4 27.6
138 18.4 7.0 10.6#

