

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
 Data File : BG049031.D
 Acq On : 21 Jun 2021 13:57
 Operator : CG/JU
 Sample : M2777-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X-1

Manual Integrations
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mohammad
 6/23/2021 11:29:39 AM

Quant Time: Jun 21 14:40:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	40197	20.000	ng	# 0.00
21) Naphthalene-d8	10.941	136	150511	20.000	ng	# 0.00
39) Acenaphthene-d10	14.766	164	112574	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	200028	20.000	ng	# 0.00
76) Chrysene-d12	21.793	240	212236	20.000	ng	0.00
86) Perylene-d12	25.112	264	235370	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	268279	103.894	ng	0.00
7) Phenol-d6	7.269	99	352535	91.088	ng	0.00
23) Nitrobenzene-d5	9.284	82	242621	69.508	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	157275	94.298	ng	0.01
45) 2-Fluorobiphenyl	13.385	172	434567	54.533	ng	0.00
79) Terphenyl-d14	20.112	244	667140	57.568	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.598	142	105131	15.523	ng	# 89
38) 1-Methylnaphthalene	12.815	142	120930	19.019	ng	# 87
46) 1,1'-Biphenyl	13.596	154	79960	9.634	ng	96
58) Fluorene	15.812	166	95990m	10.608	ng	
71) Phenanthrene	17.557	178	48726	4.329	ng	# 84
78) Pyrene	19.918	202	45587	2.959	ng	# 88

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

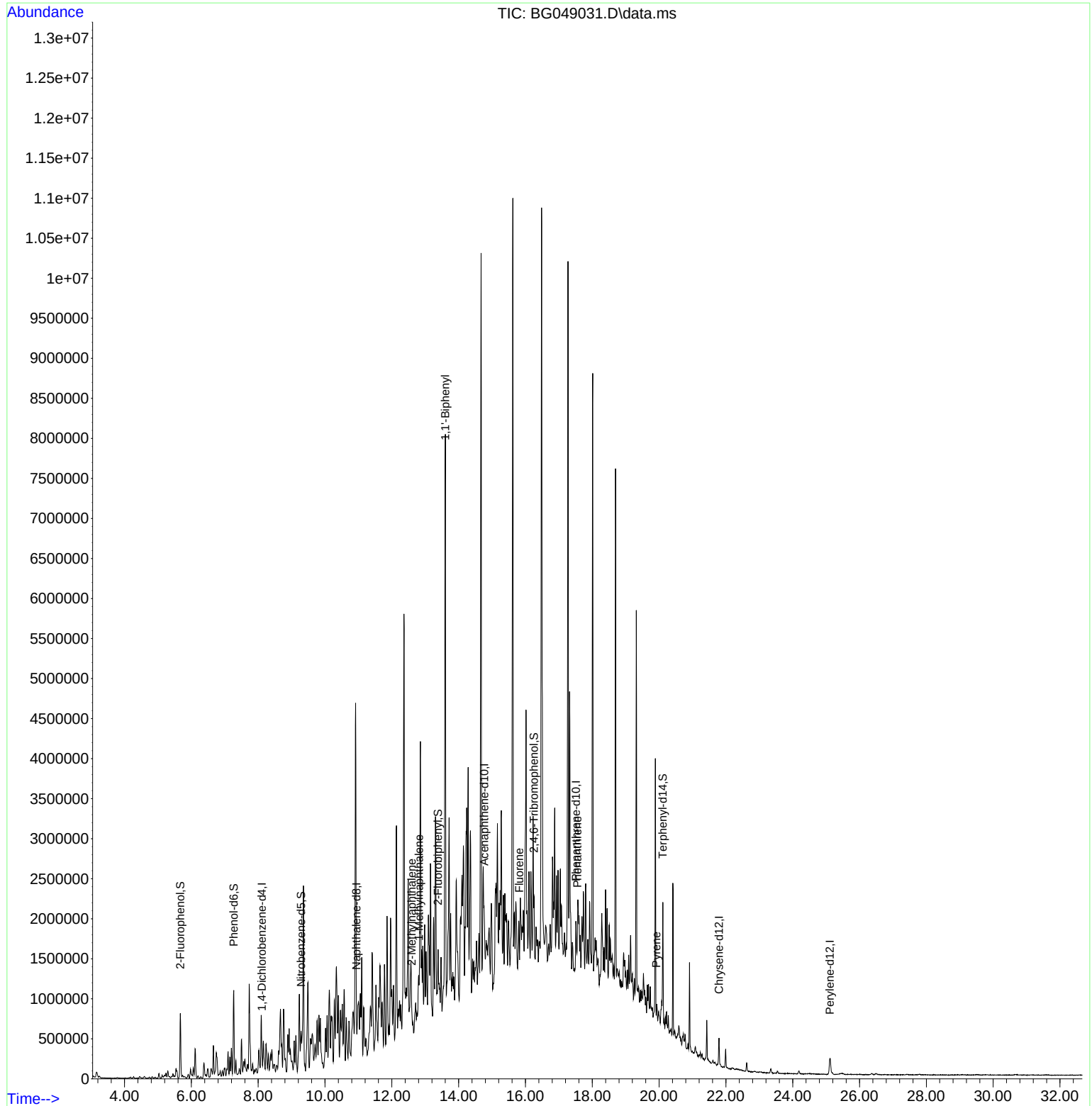
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Data File : BG049031.D
Acq On : 21 Jun 2021 13:57
Operator : CG/JU
Sample : M2777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

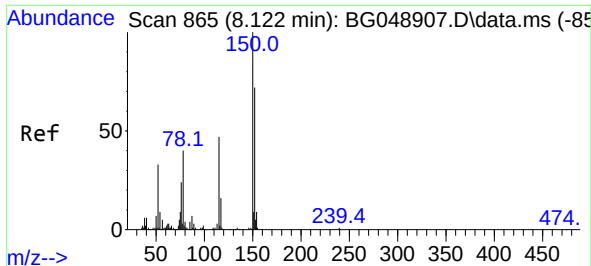
Instrument :
BNA_G
ClientSampleId :
X-1

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Quant Time: Jun 21 14:40:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





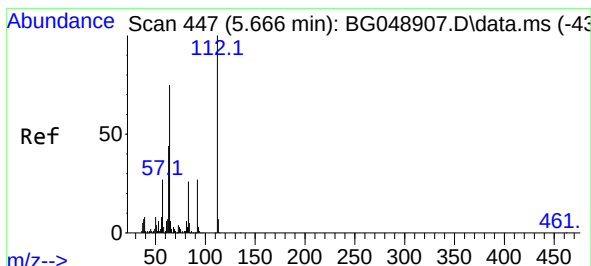
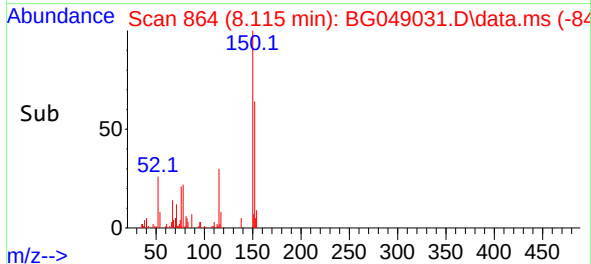
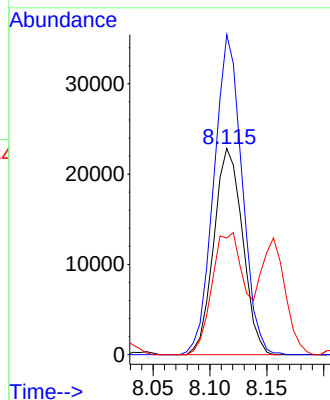
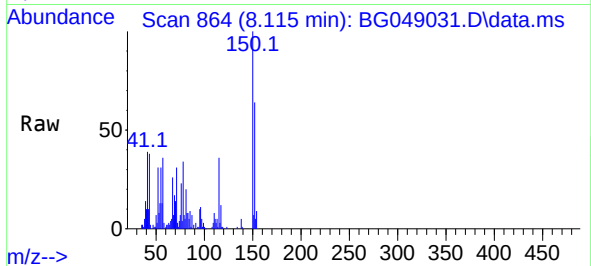
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.115 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:152 Resp: 40197
Ion Ratio Lower Upper
152 100
150 155.2 119.4 179.0
115 56.6 60.2 90.4#

Instrument :
BNA_G
ClientSampled :
X-1

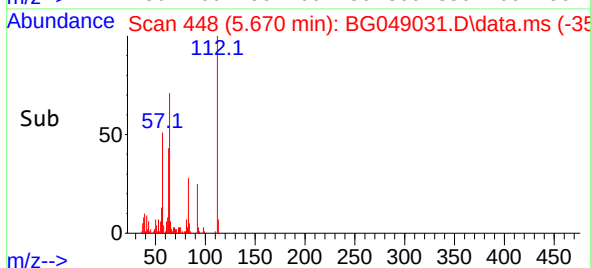
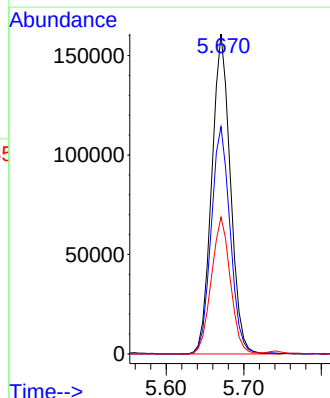
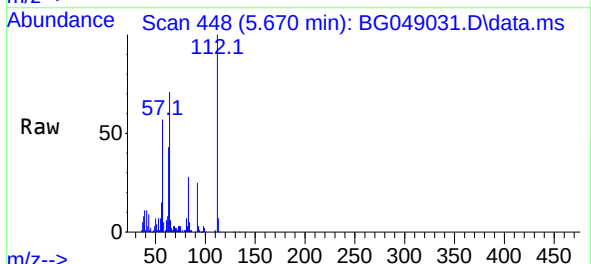
Manual Integrations
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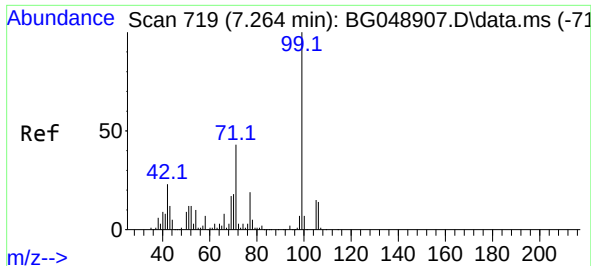
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#5
2-Fluorophenol
Concen: 103.894 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:112 Resp: 268279
Ion Ratio Lower Upper
112 100
64 71.0 46.7 70.1#
63 42.7 35.3 52.9





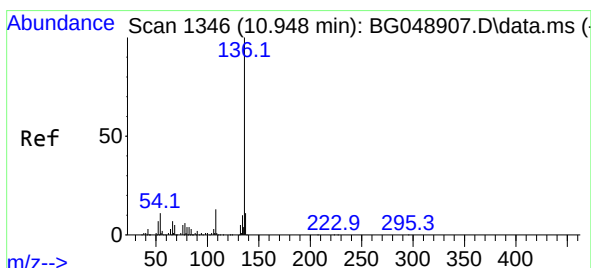
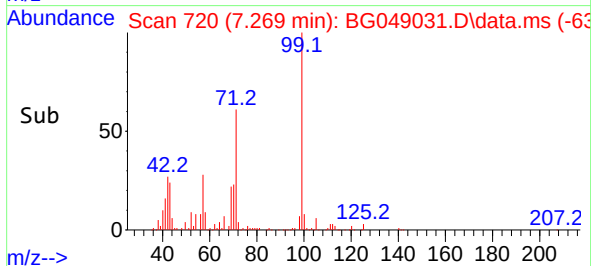
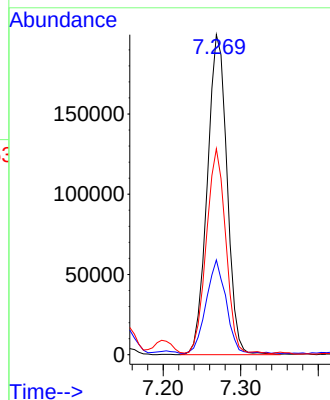
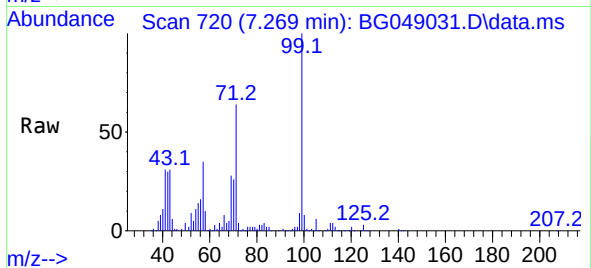
#7
Phenol-d6
Concen: 91.088 ng
RT: 7.269 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion: 99 Resp: 352535
Ion Ratio Lower Upper
99 100
42 29.6 20.5 30.7
71 64.3 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
X-1

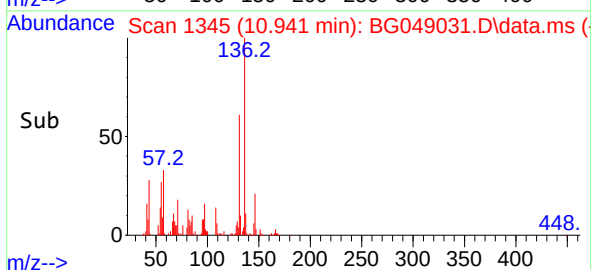
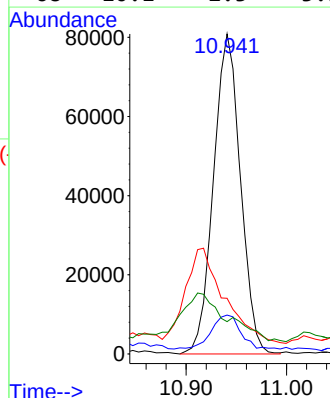
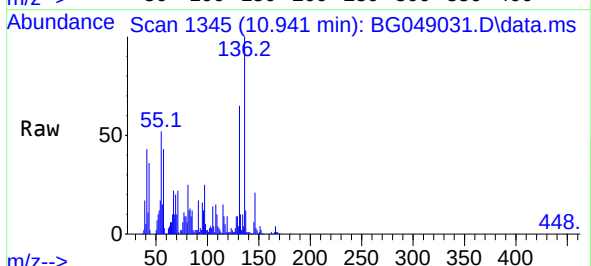
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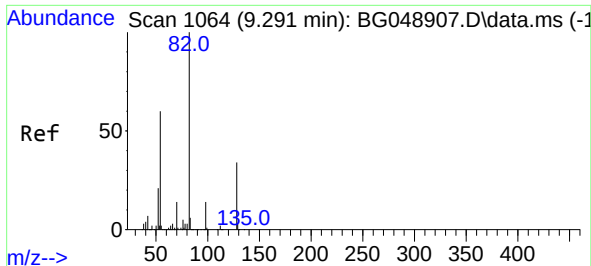
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.941 min Scan# 1345
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion: 136 Resp: 150511
Ion Ratio Lower Upper
136 100
137 12.2 8.2 12.2
54 17.4 5.5 8.3#
68 10.1 2.3 3.5#





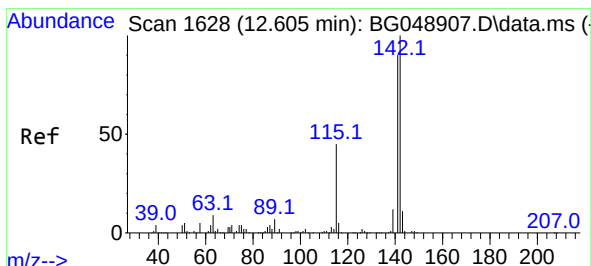
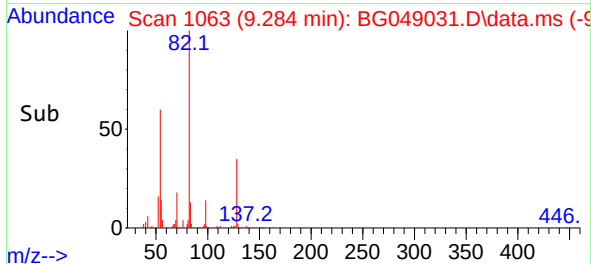
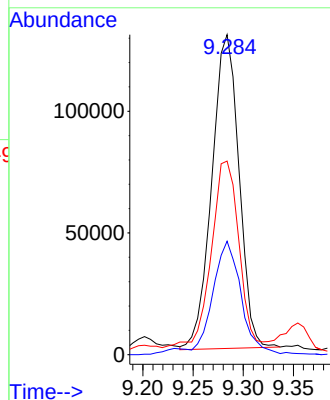
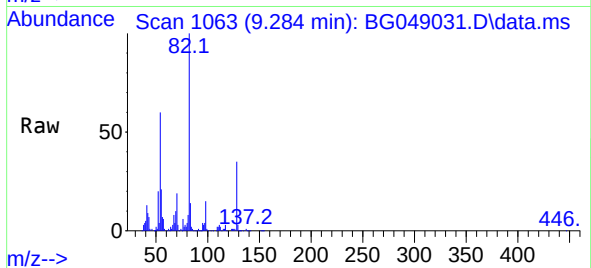
#23
Nitrobenzene-d5
Concen: 69.508 ng
RT: 9.284 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion: 82 Resp: 242621
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 60.5 45.8 68.8

Instrument :
BNA_G
ClientSampled :
X-1

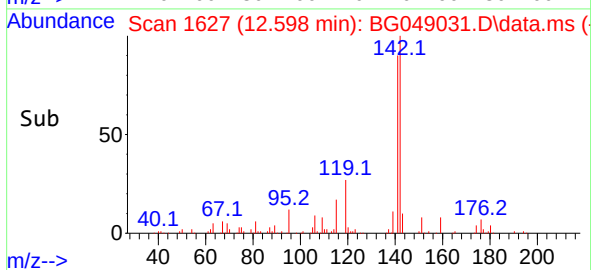
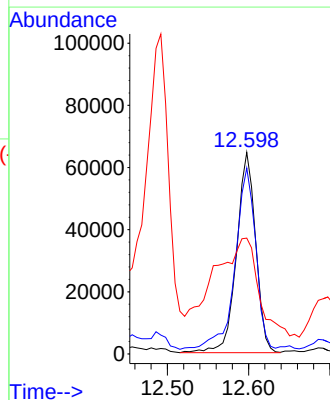
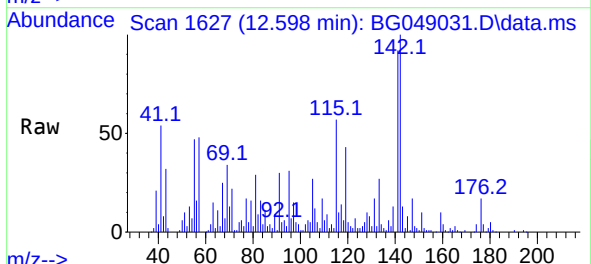
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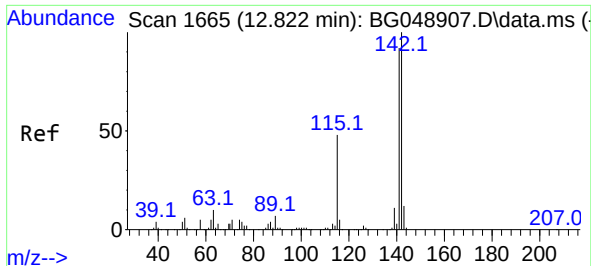
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#37
2-Methylnaphthalene
Concen: 15.523 ng
RT: 12.598 min Scan# 1627
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

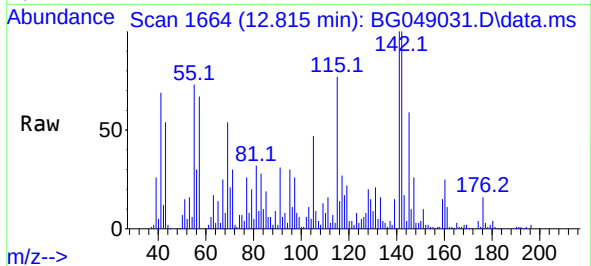
Tgt Ion: 142 Resp: 105131
Ion Ratio Lower Upper
142 100
141 92.2 68.8 103.2
115 57.5 36.4 54.6#





#38
1-Methylnaphthalene
Concen: 19.019 ng
RT: 12.815 min Scan# 1664
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

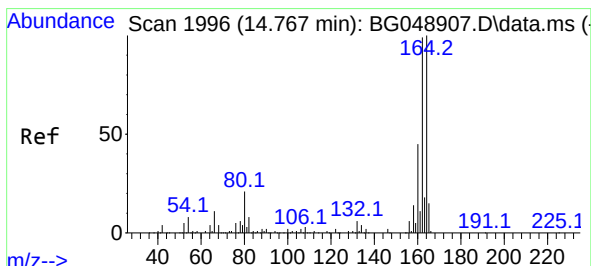
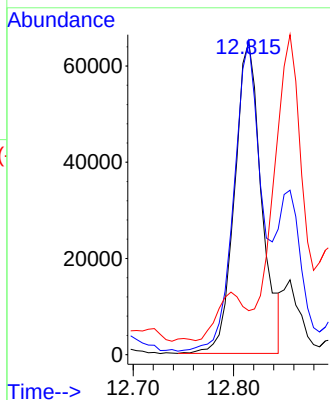
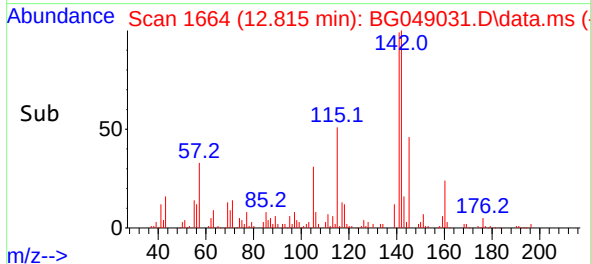
Instrument :
BNA_G
ClientSampled :
X-1



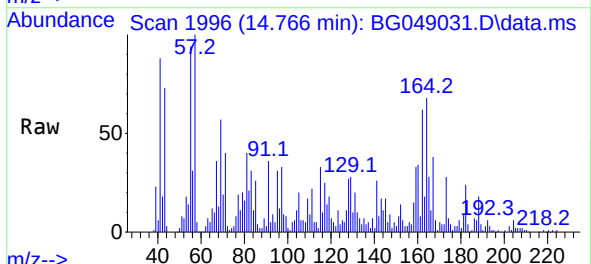
Tgt Ion:142 Resp: 120930
Ion Ratio Lower Upper
142 100
141 100.1 70.6 106.0
116 14.0 4.0 6.0#

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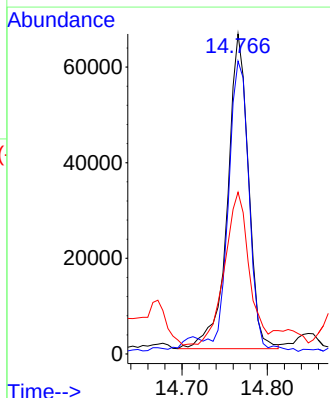
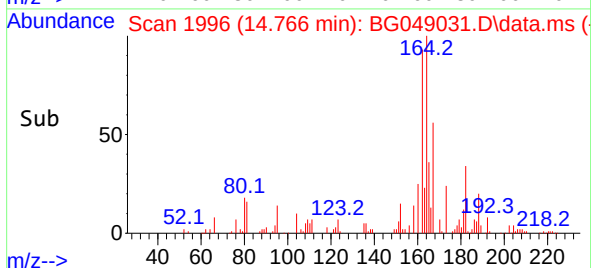
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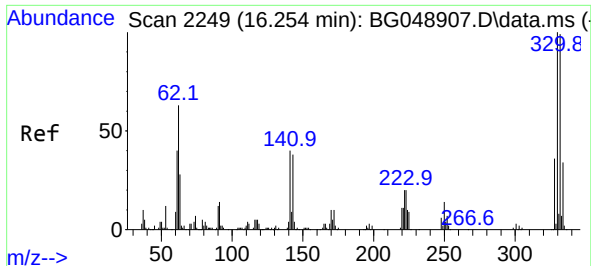


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

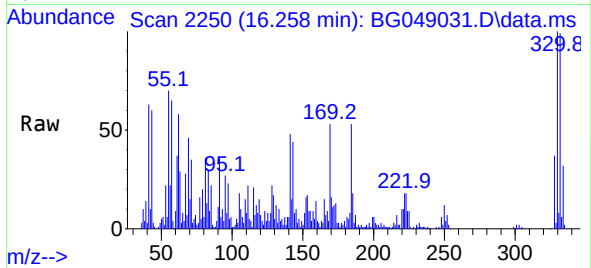


Tgt Ion:164 Resp: 112574
Ion Ratio Lower Upper
164 100
162 91.5 81.4 122.0
160 50.5 34.9 52.3

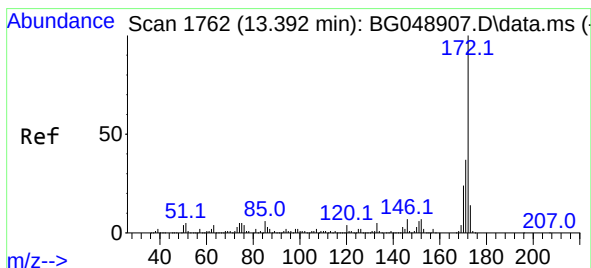
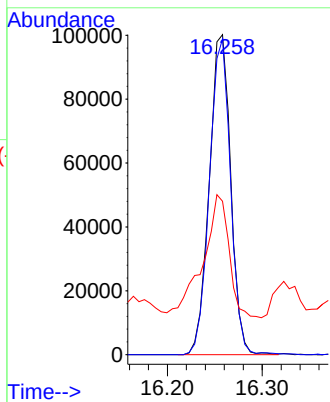
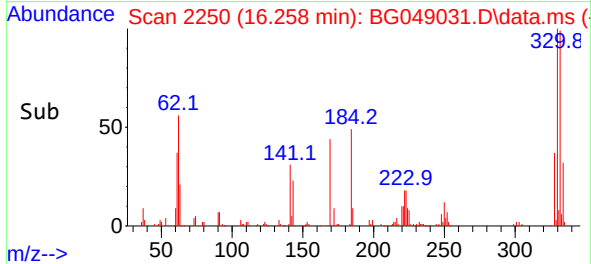




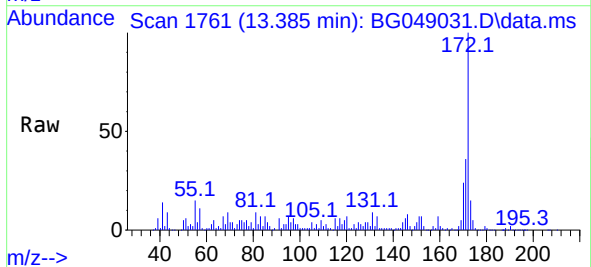
#42
2,4,6-Tribromophenol
Concen: 94.298 ng
RT: 16.258 min Scan# 2250
Delta R.T. 0.013 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57



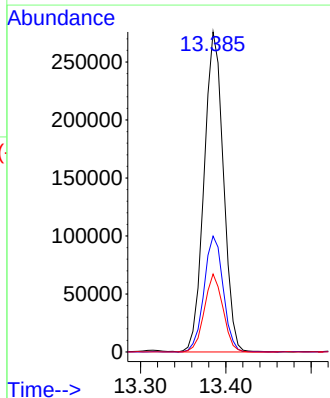
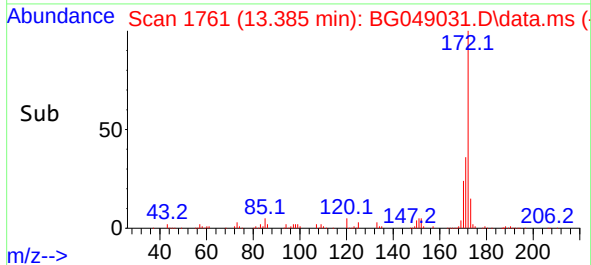
Tgt Ion:330 Resp: 157275
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 47.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 54.533 ng
RT: 13.385 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57



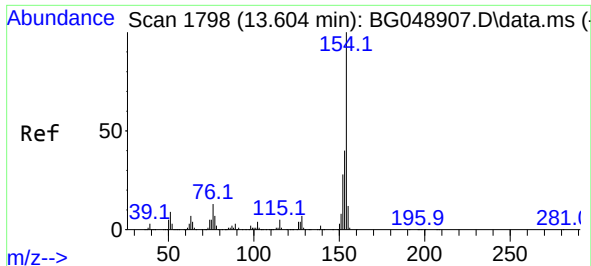
Tgt Ion:172 Resp: 434567
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.3 18.6 27.8



Instrument :
BNA_G
ClientSampled :
X-1

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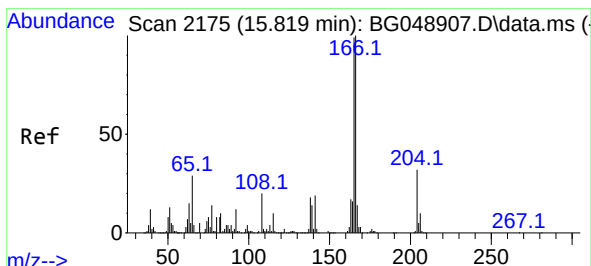
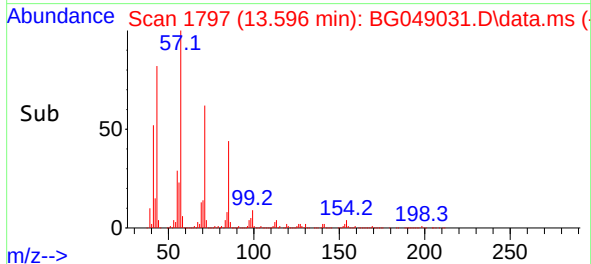
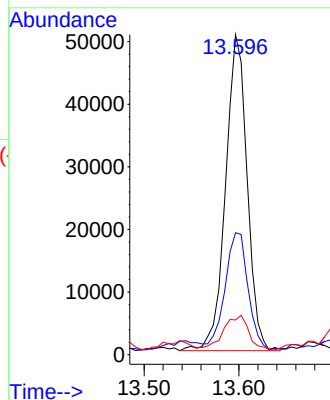
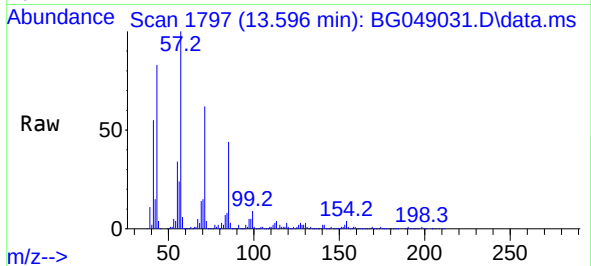
#46
1,1'-Biphenyl
Concen: 9.634 ng
RT: 13.596 min Scan# 1797
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:154 Resp: 79960
Ion Ratio Lower Upper
154 100
153 38.1 20.5 60.5
76 10.9 0.0 29.3

Instrument :
BNA_G
ClientSampled :
X-1

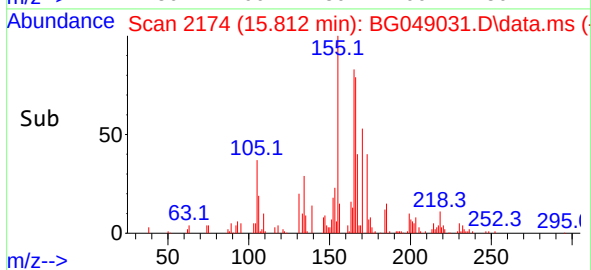
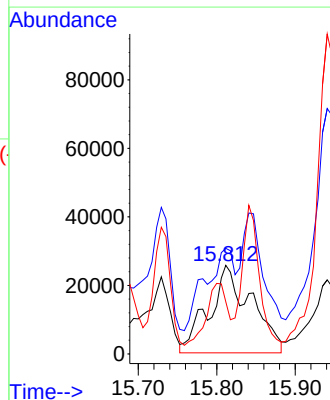
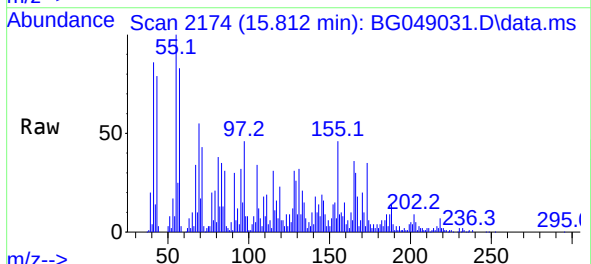
Manual Integrations
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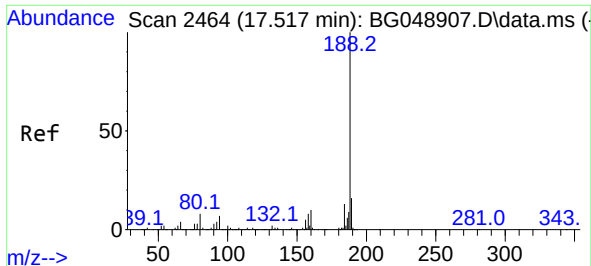
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#58
Fluorene
Concen: 10.608 ng m
RT: 15.812 min Scan# 2174
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

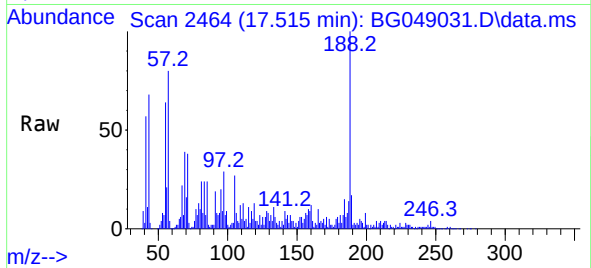
Tgt Ion:166 Resp: 95990
Ion Ratio Lower Upper
166 100
165 119.3 77.7 116.5#
167 58.9 10.8 16.2#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.515 min Scan# 2464
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

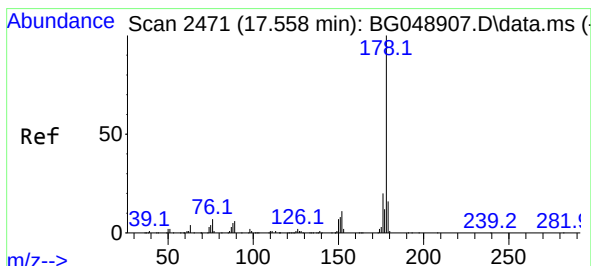
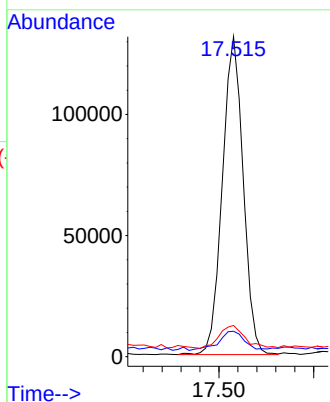
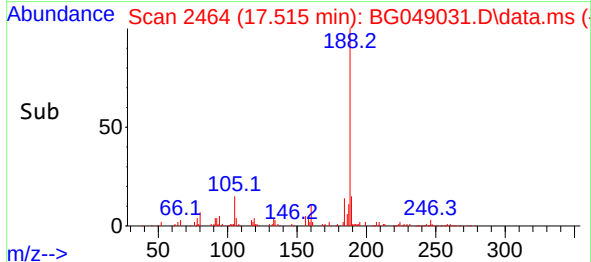
Instrument :
BNA_G
ClientSampled :
X-1



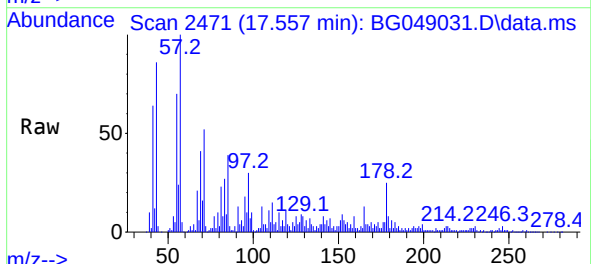
Tgt Ion:188 Resp: 200028
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.0
80 9.8 3.7 5.5#

Manual Integrations
APPROVED

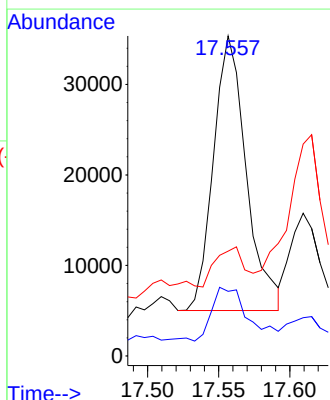
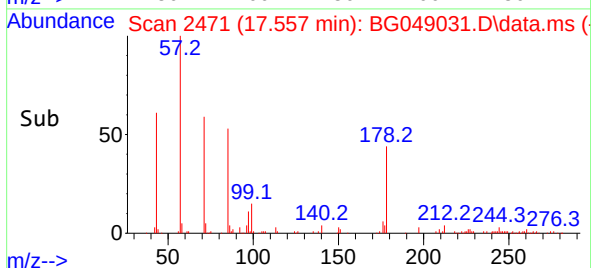
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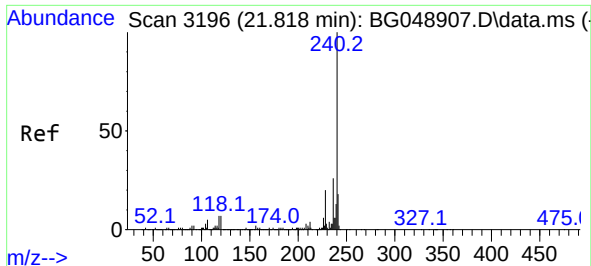


#71
Phenanthrene
Concen: 4.329 ng
RT: 17.557 min Scan# 2471
Delta R.T. 0.007 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57



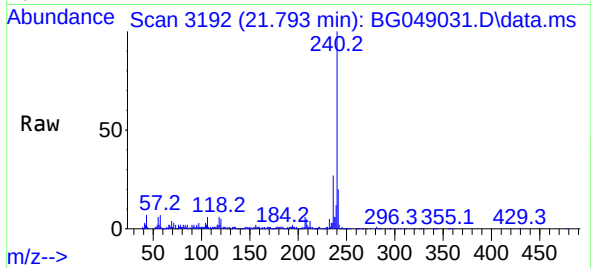
Tgt Ion:178 Resp: 48726
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 32.7 14.2 21.4#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

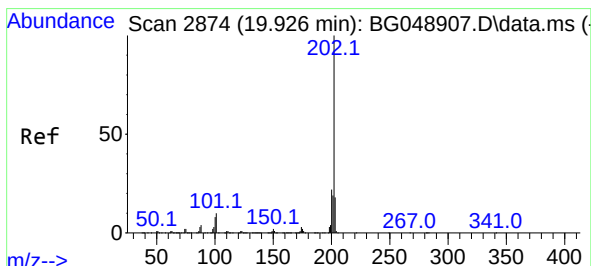
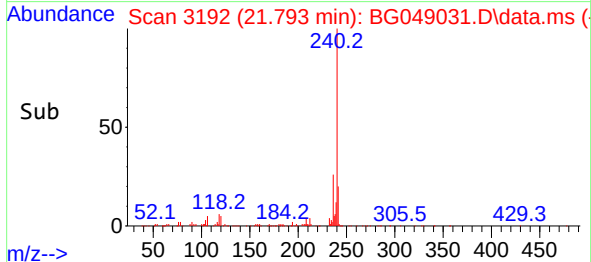
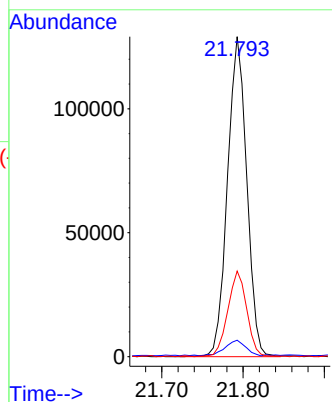
Instrument :
BNA_G
ClientSampled :
X-1



Tgt Ion:240 Resp: 212236
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 26.7 21.8 32.6

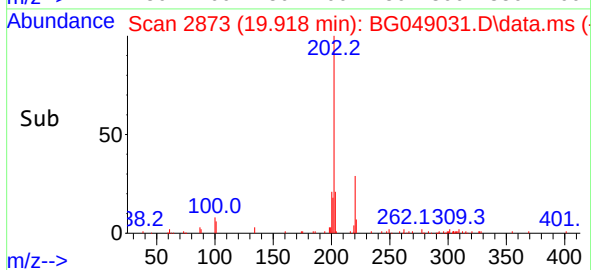
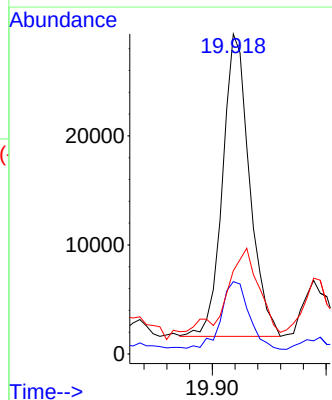
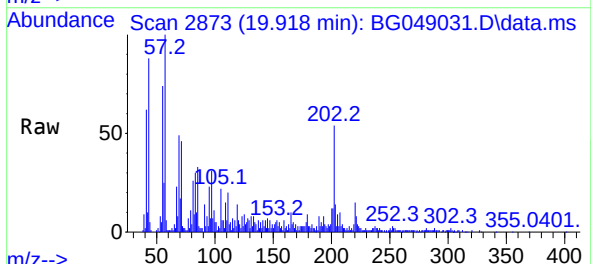
Manual Integrations
APPROVED

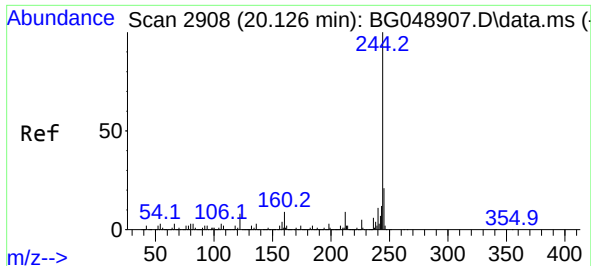
mohammad
6/23/2021 11:29:39 AM



#78
Pyrene
Concen: 2.959 ng
RT: 19.918 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:202 Resp: 45587
Ion Ratio Lower Upper
202 100
200 22.6 15.8 23.8
203 26.0 14.6 21.8#





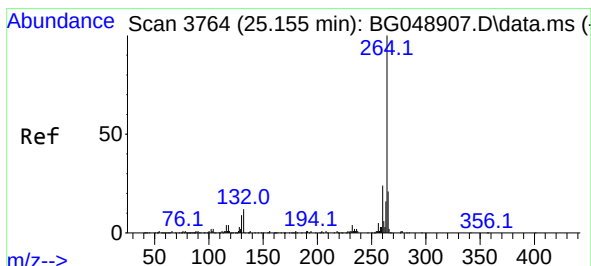
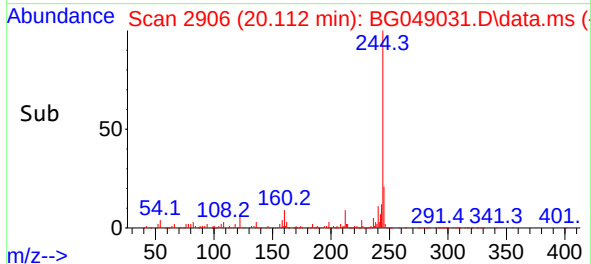
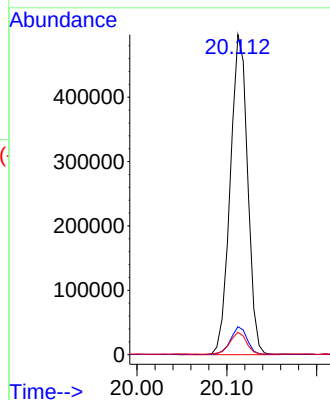
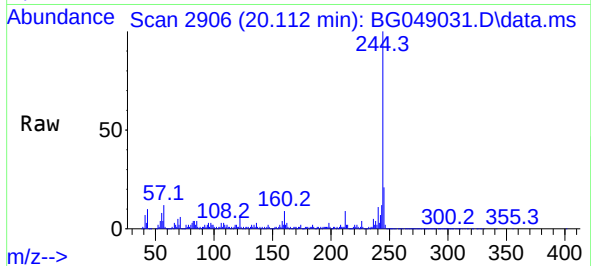
#79
Terphenyl-d14
Concen: 57.568 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.001 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:244 Resp: 667140
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.0 5.0 7.6

Instrument :
BNA_G
ClientSampled :
X-1

Manual Integrations
APPROVED

mohammad
6/23/2021 11:29:39 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.112 min Scan# 3757
Delta R.T. -0.017 min
Lab File: BG049031.D
Acq: 21 Jun 2021 13:57

Tgt Ion:264 Resp: 235370
Ion Ratio Lower Upper
264 100
260 22.3 19.4 29.2
265 20.0 16.9 25.3

