

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049100.D
 Acq On : 25 Jun 2021 21:26
 Operator : CG/JU
 Sample : M2829-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-STOCKPILE-3B

Manual Integrations
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Quant Time: Jun 26 01:34:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	42725	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	168707	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	114825	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	233970	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	220515	20.00	ng	0.00
86) Perylene-d12	25.107	264	226732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	204098	74.36	ng	0.00
7) Phenol-d6	7.263	99	269550	65.53	ng	0.00
23) Nitrobenzene-d5	9.272	82	196137	50.13	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	139074	81.75	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	434148	53.41	ng	0.00
79) Terphenyl-d14	20.101	244	634089	52.66	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.539	178	137880	10.47	ng	96
72) Anthracene	17.627	178	31443	2.38	ng	96
75) Fluoranthene	19.543	202	247372	15.58	ng	99
78) Pyrene	19.907	202	227979	14.24	ng	99
81) Benzo(a)anthracene	21.763	228	133592	8.44	ng	96
83) Chrysene	21.834	228	127387	8.39	ng	96
87) Indeno(1,2,3-cd)pyrene	28.902	276	74957	4.39	ng	# 88
88) Benzo(b)fluoranthene	24.055	252	169212	10.47	ng	# 96
89) Benzo(k)fluoranthene	24.114	252	67740m	4.42	ng	
90) Benzo(a)pyrene	24.948	252	130330	8.83	ng	# 95
92) Benzo(g,h,i)perylene	30.089	276	71219	4.95	ng	# 95

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

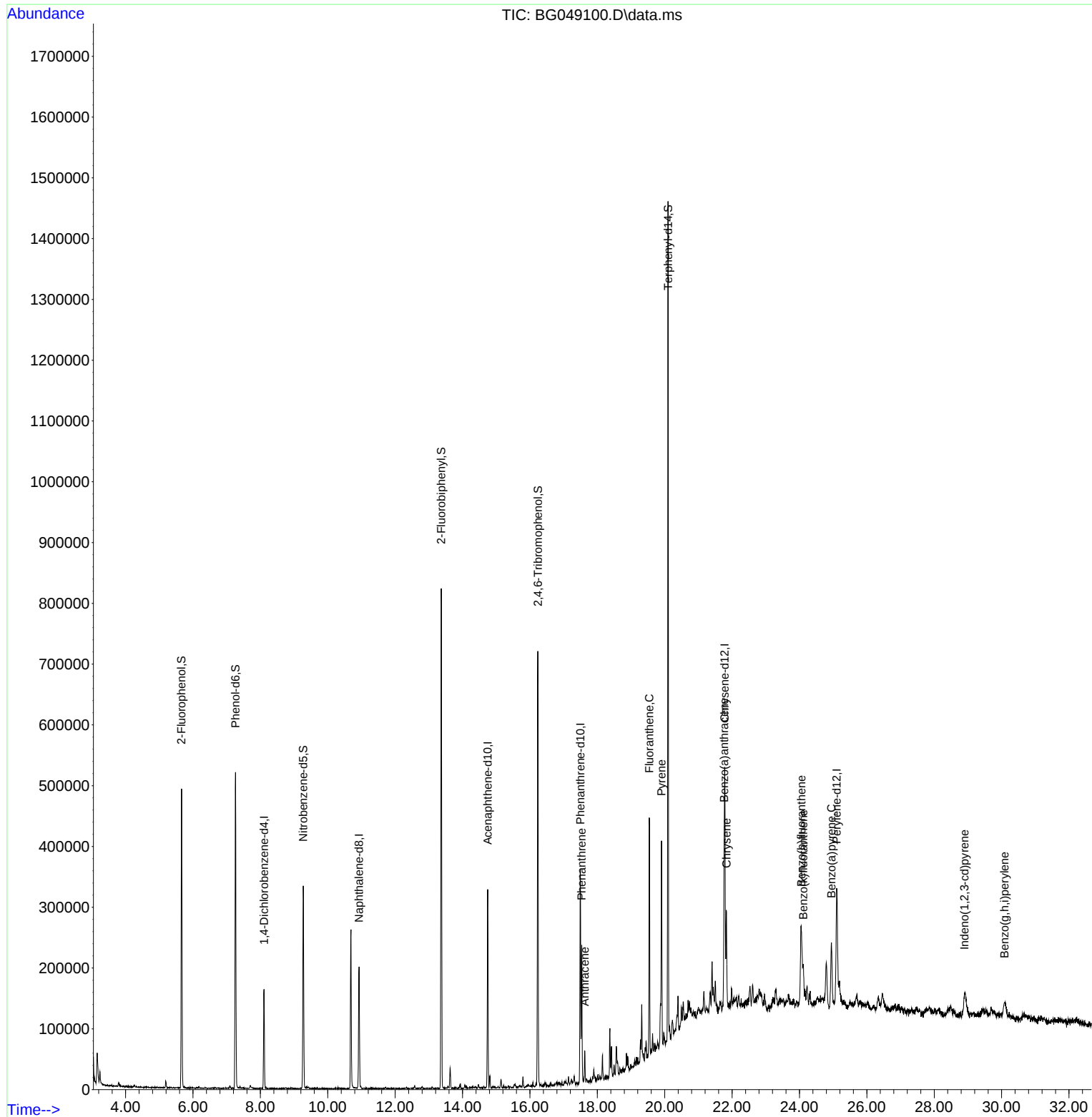
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Data File : BG049100.D
Acq On : 25 Jun 2021 21:26
Operator : CG/JU
Sample : M2829-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

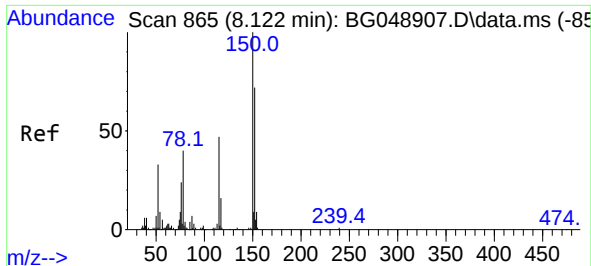
Instrument :
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ClientSampleId :
15B-STOCKPILE-3B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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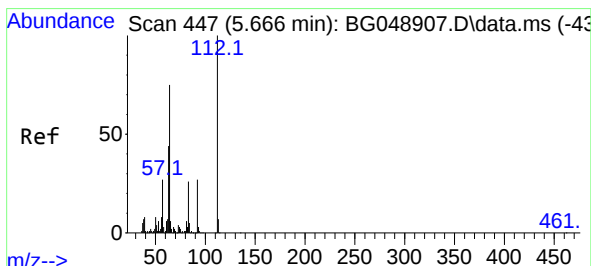
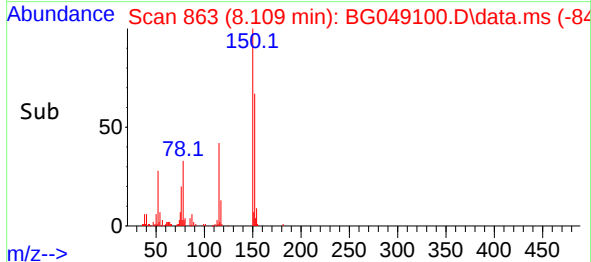
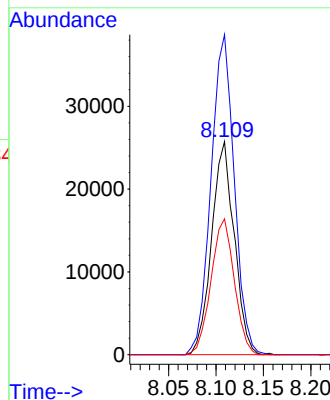
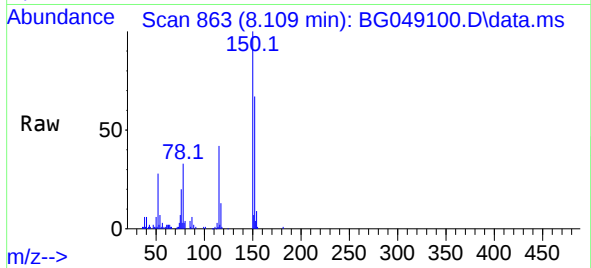
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 863
Delta R.T. 0.004 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:152 Resp: 42725
Ion Ratio Lower Upper
152 100
150 150.2 119.4 179.0
115 63.8 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3B

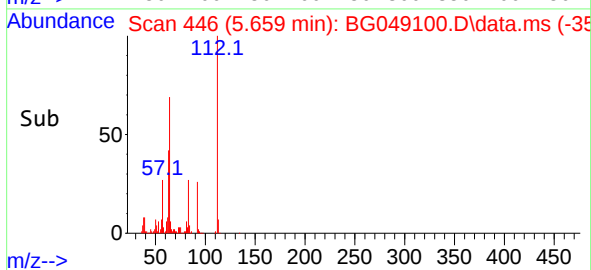
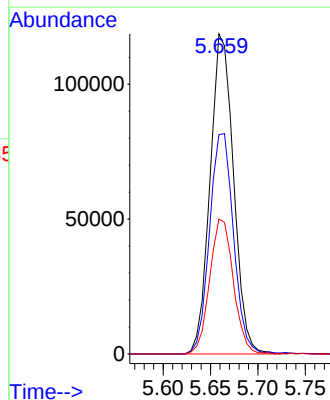
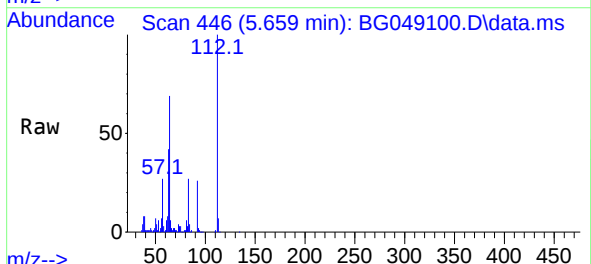
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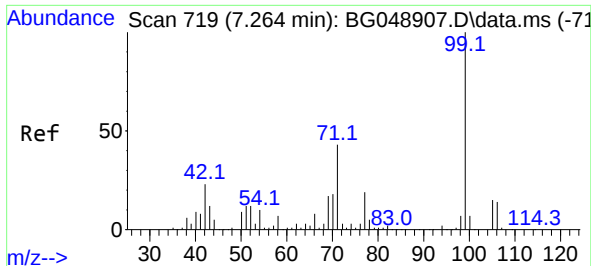
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#5
2-Fluorophenol
Concen: 74.36 ng
RT: 5.659 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:112 Resp: 204098
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 42.2 35.3 52.9





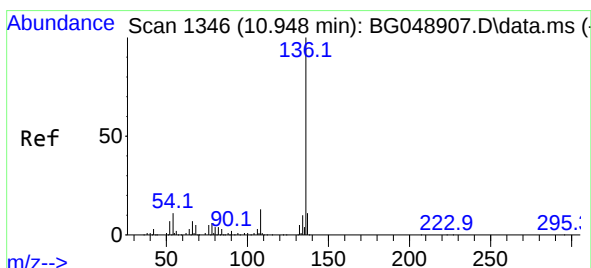
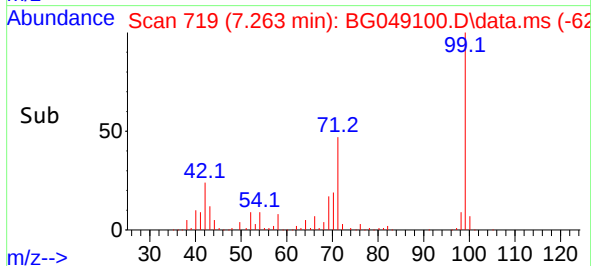
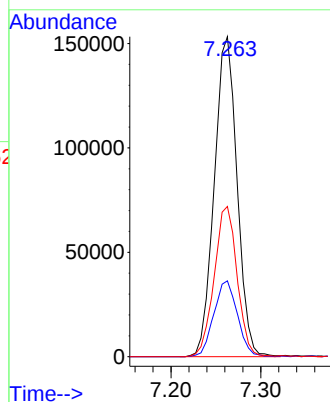
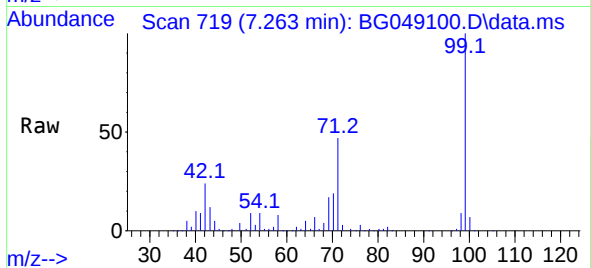
#7
Phenol-d6
Concen: 65.53 ng
RT: 7.263 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion: 99 Resp: 269550
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 47.0 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
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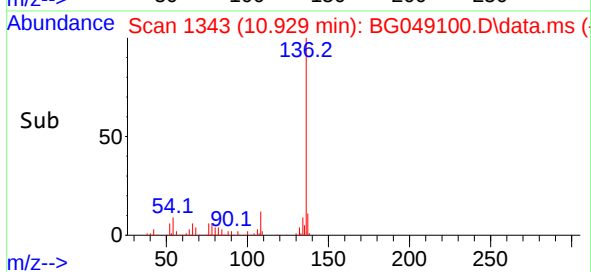
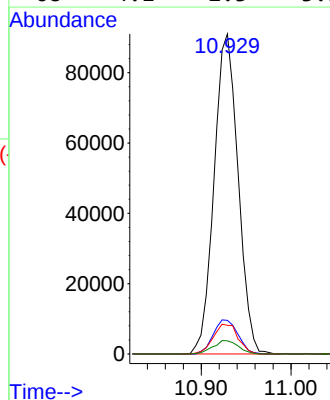
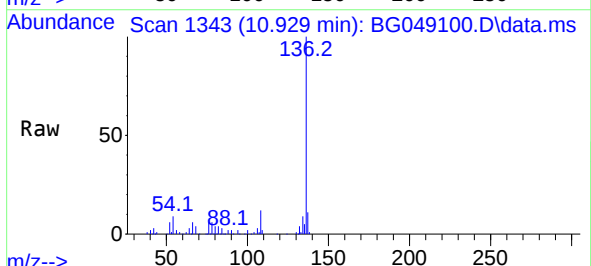
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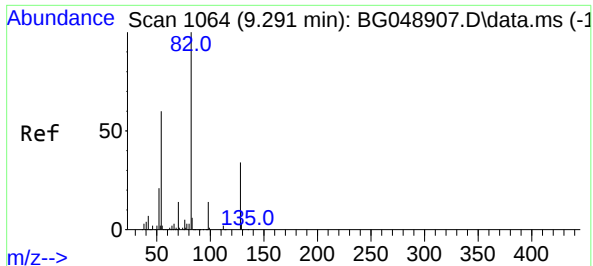
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:136 Resp: 168707
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 9.0 5.5 8.3#
68 4.1 2.3 3.5#





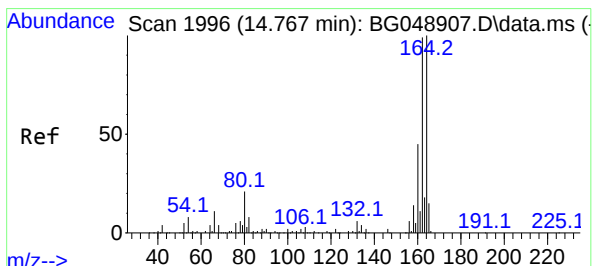
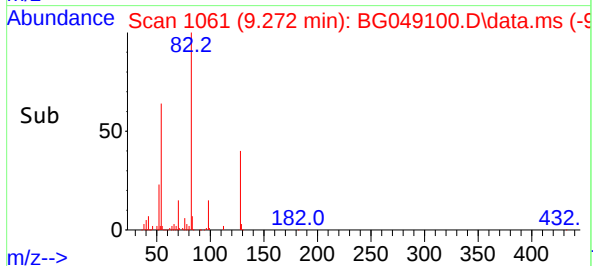
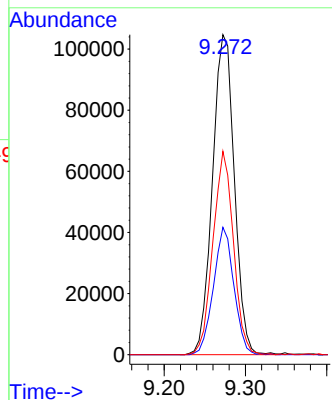
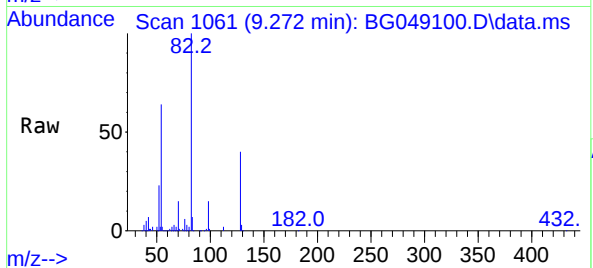
#23
Nitrobenzene-d5
Concen: 50.13 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:	82	Resp:	196137
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.8	44.6
54	63.5	45.8	68.8

Instrument :
BNA_G
ClientSampleId :
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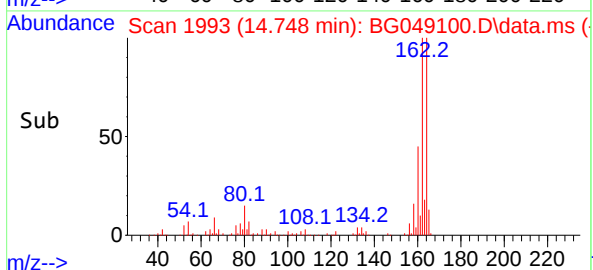
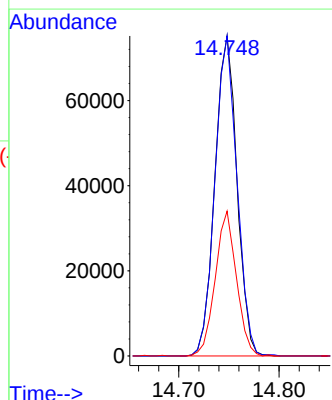
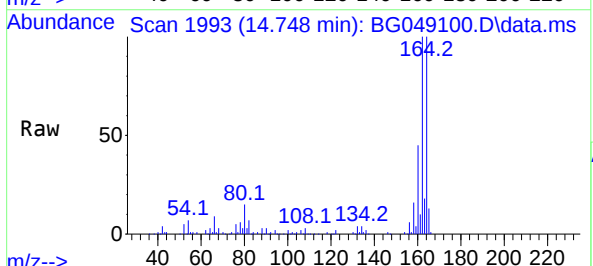
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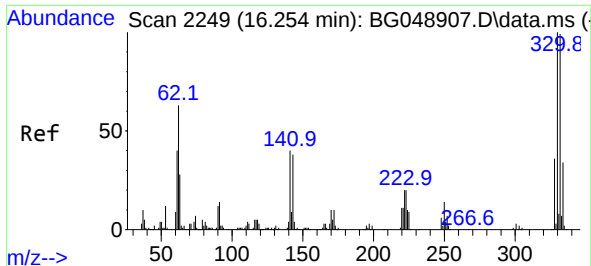
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

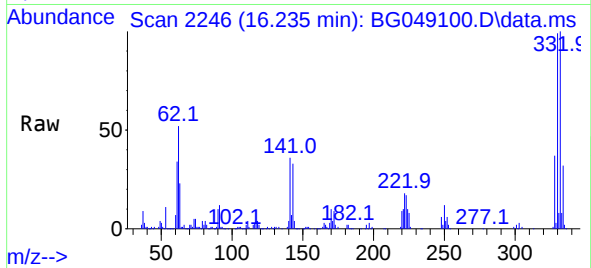
Tgt Ion:	164	Resp:	114825
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.4	122.0
160	45.3	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 81.75 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

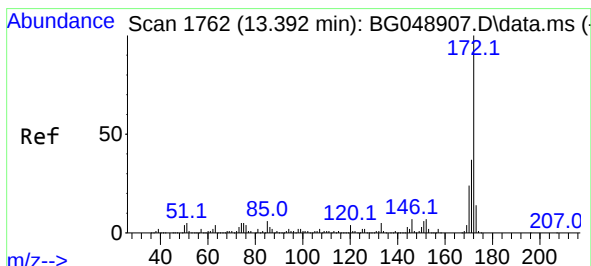
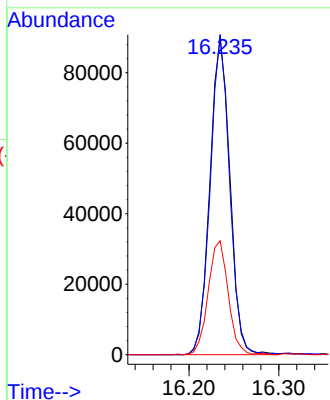
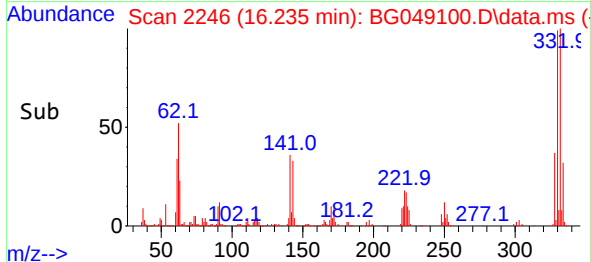
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3B



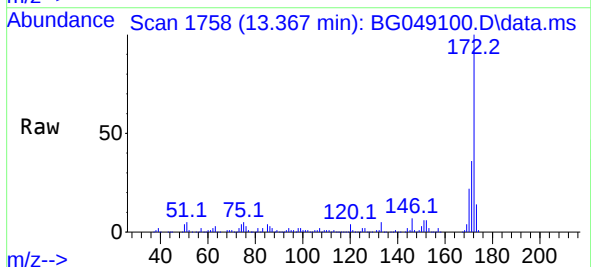
Tgt Ion:330 Resp: 139074
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 36.1 35.6 53.4

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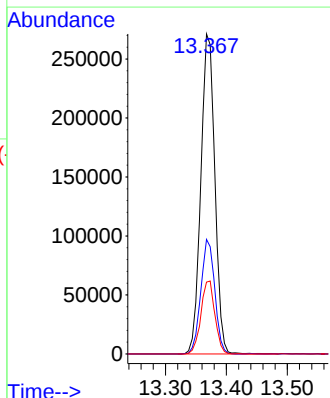
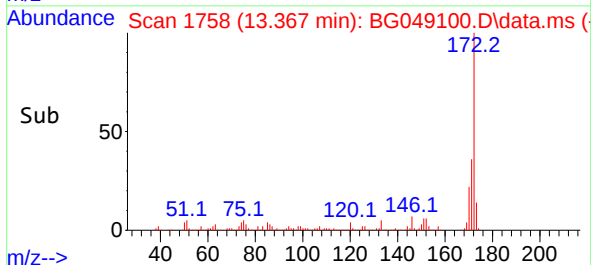
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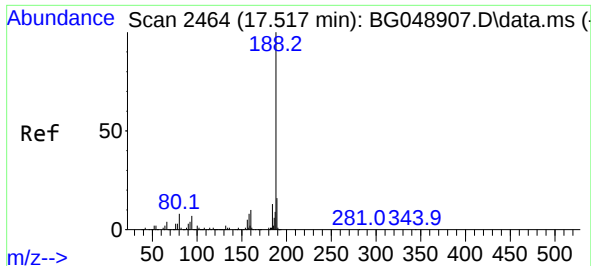


#45
2-Fluorobiphenyl
Concen: 53.41 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



Tgt Ion:172 Resp: 434148
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.5 18.6 27.8





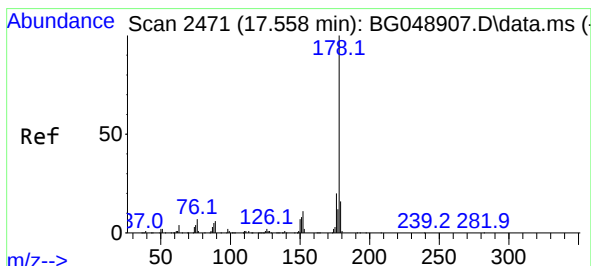
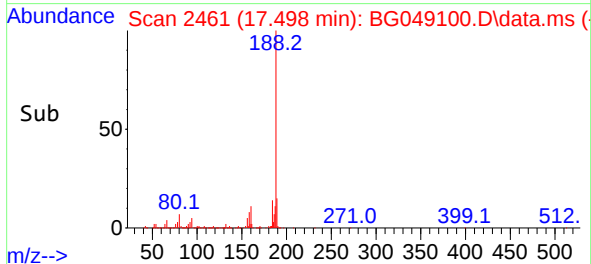
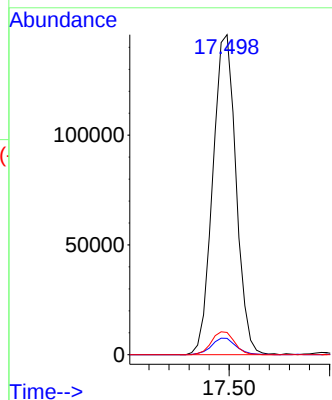
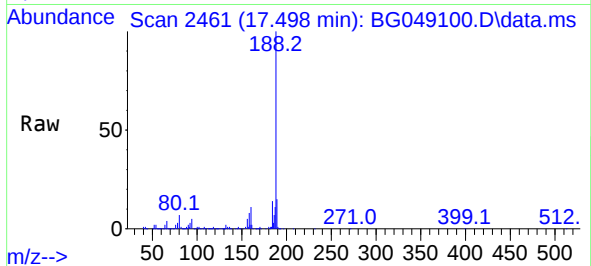
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:188 Resp: 233970
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.0 3.7 5.5#

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3B

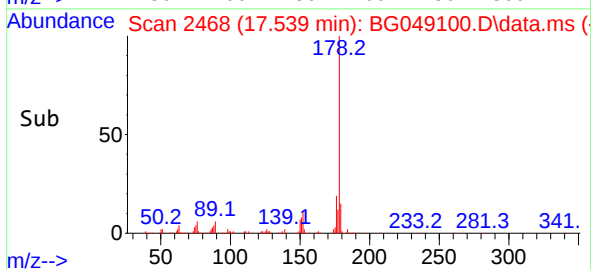
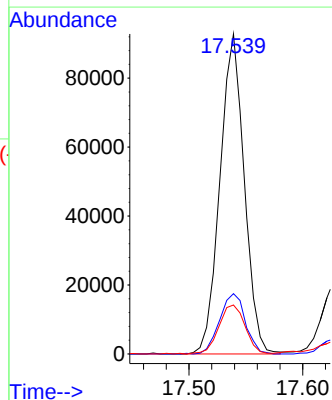
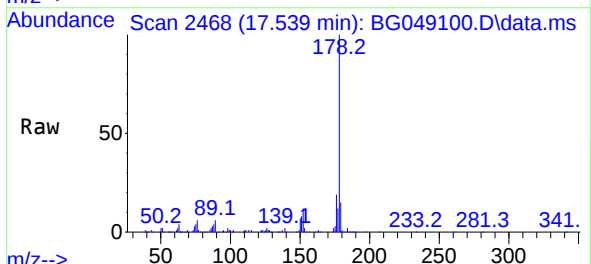
Manual Integrations
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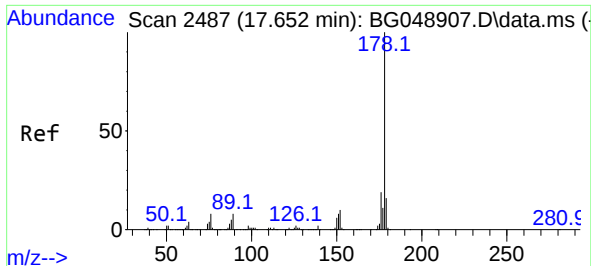
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#71
Phenanthrene
Concen: 10.47 ng
RT: 17.539 min Scan# 2468
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:178 Resp: 137880
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.3 14.2 21.4





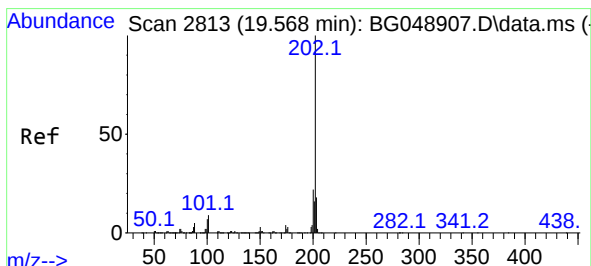
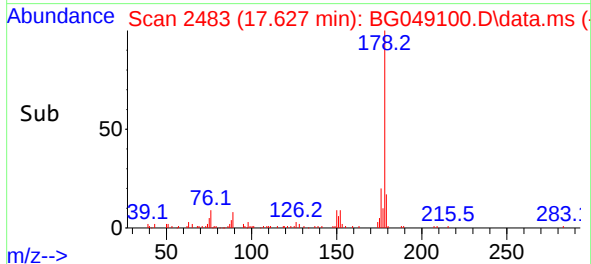
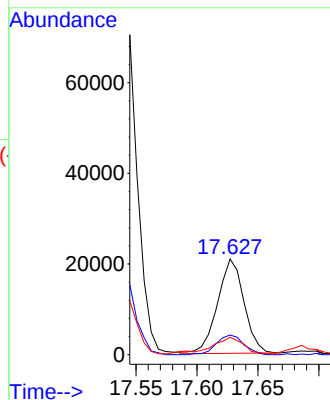
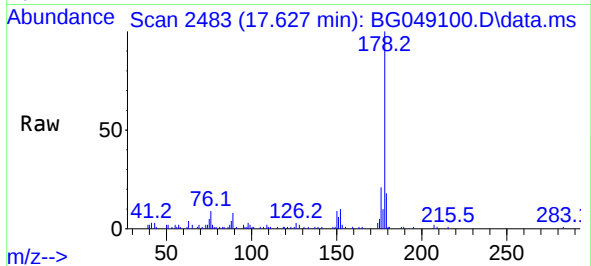
#72
 Anthracene
 Concen: 2.38 ng
 RT: 17.627 min Scan# 2483
 Delta R.T. -0.002 min
 Lab File: BG049100.D
 Acq: 25 Jun 2021 21:26

Tgt Ion:178 Resp: 31443
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.6 21.8
 179 18.3 13.4 20.0

Instrument :
 BNA_G
 ClientSampleId :
 15B-STOCKPILE-3B

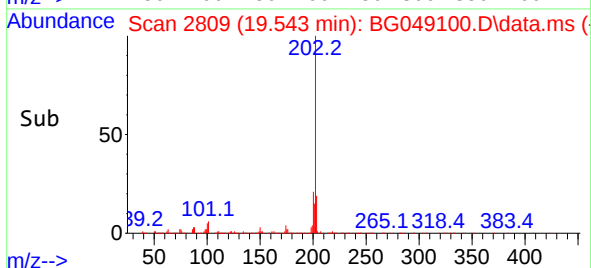
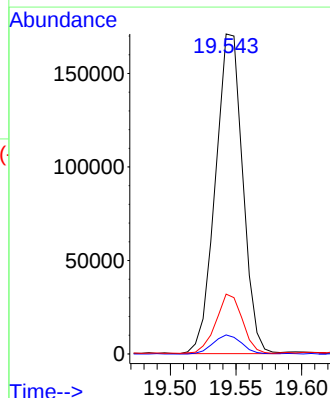
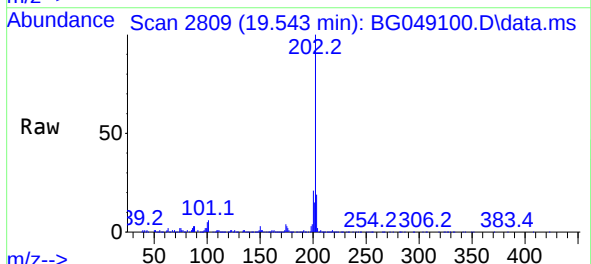
Manual Integrations
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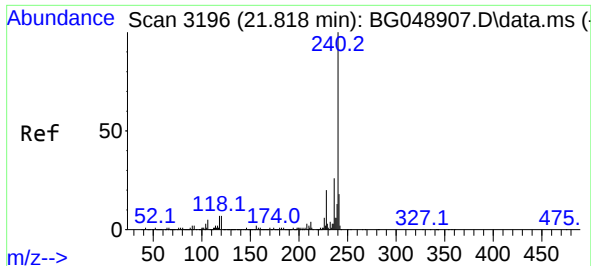
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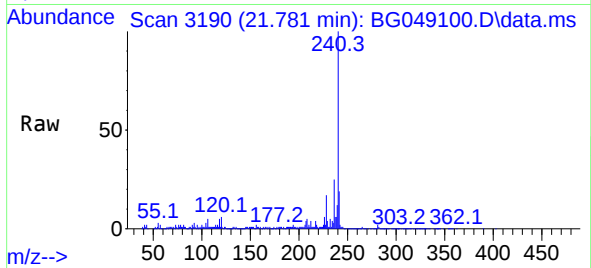
#75
 Fluoranthene
 Concen: 15.58 ng
 RT: 19.543 min Scan# 2809
 Delta R.T. -0.002 min
 Lab File: BG049100.D
 Acq: 25 Jun 2021 21:26

Tgt Ion:202 Resp: 247372
 Ion Ratio Lower Upper
 202 100
 101 5.9 0.0 24.7
 203 18.7 0.0 38.5

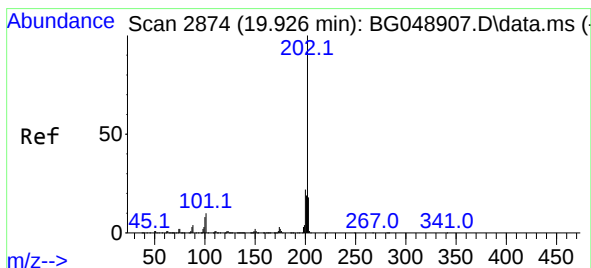
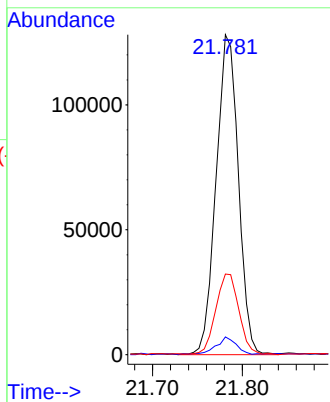
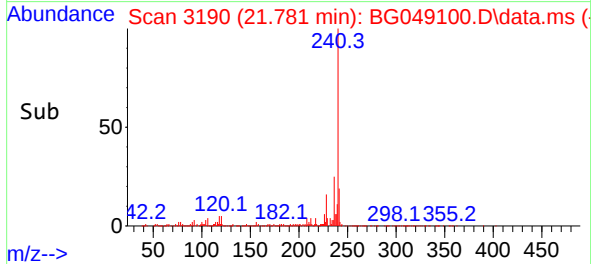




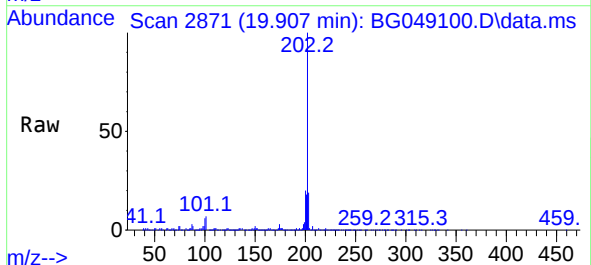
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



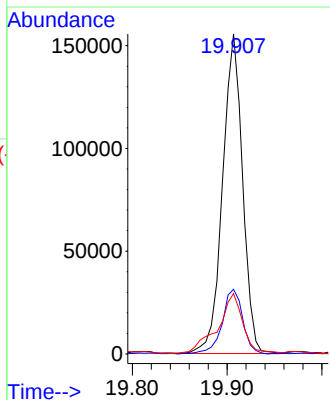
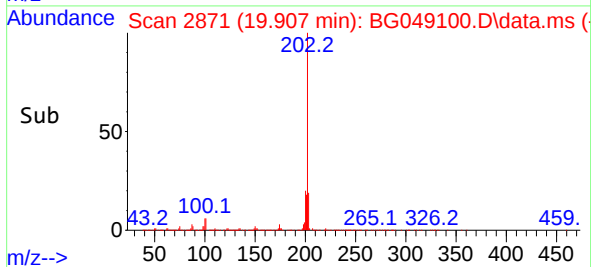
Tgt Ion:240 Resp: 220515
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.2 21.8 32.6



#78
Pyrene
Concen: 14.24 ng
RT: 19.907 min Scan# 2871
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



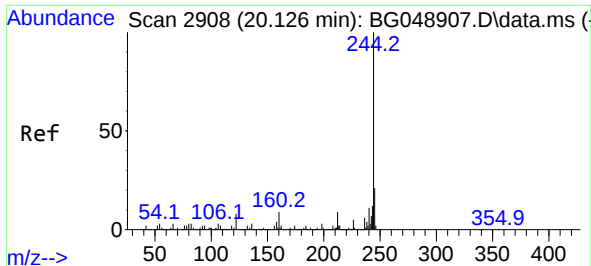
Tgt Ion:202 Resp: 227979
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 18.9 14.6 21.8



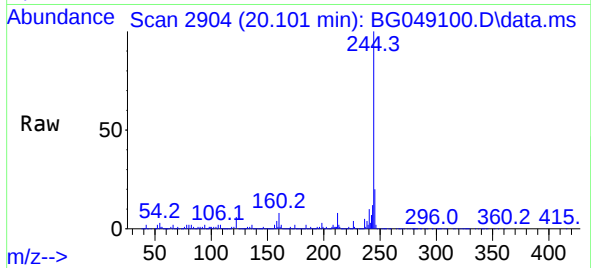
Instrument :
BNA_G
ClientSampleId :
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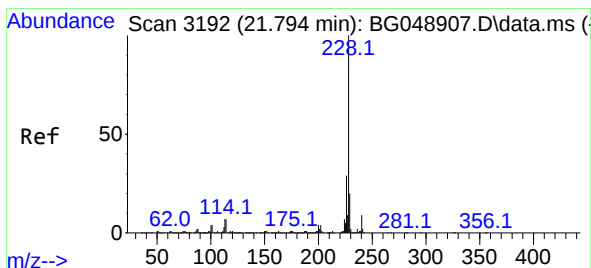
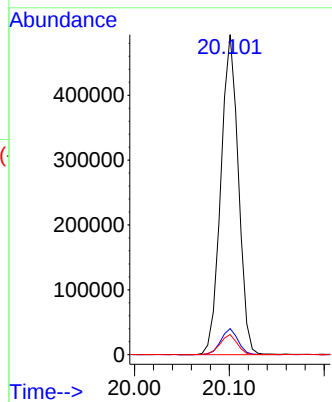
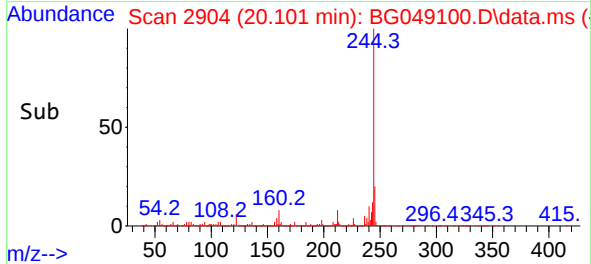
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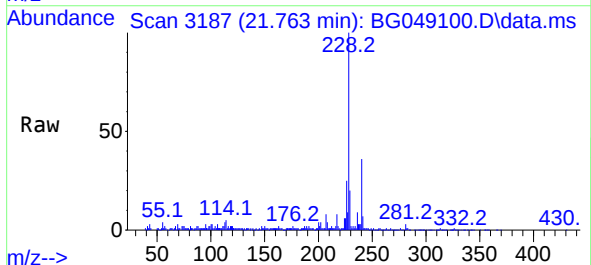
#79
Terphenyl-d14
Concen: 52.66 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



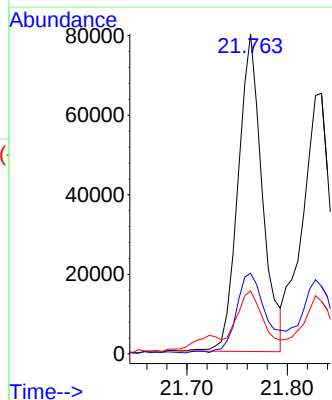
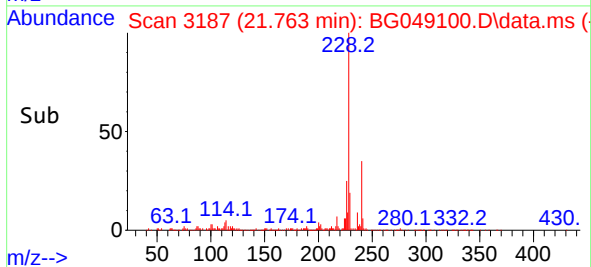
Tgt Ion:244 Resp: 634089
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.3 5.0 7.6



#81
Benzo(a)anthracene
Concen: 8.44 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



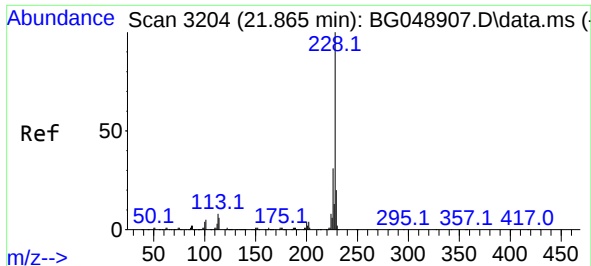
Tgt Ion:228 Resp: 133592
Ion Ratio Lower Upper
228 100
226 25.2 22.7 34.1
229 19.7 16.0 24.0



Instrument :
BNA_G
ClientSampleId :
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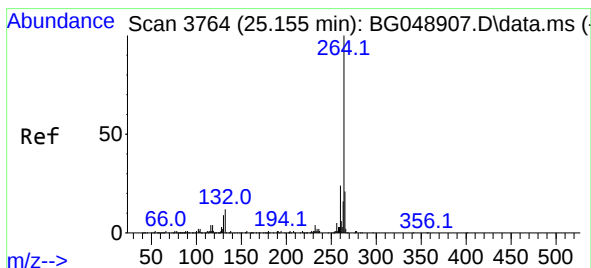
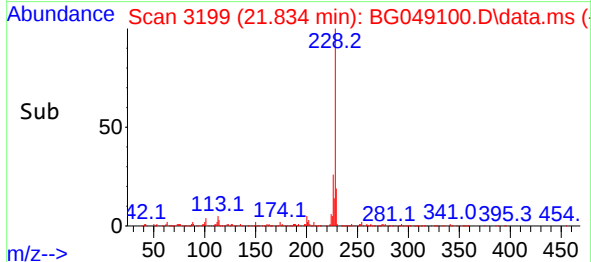
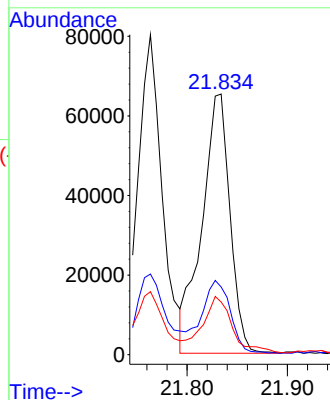
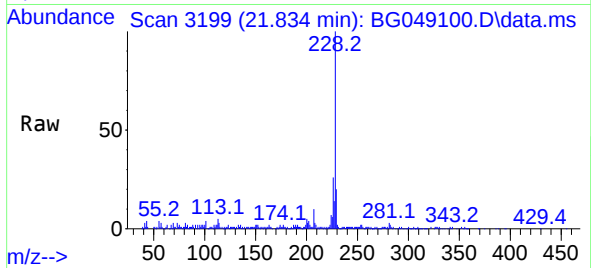
#83
Chrysene
Concen: 8.39 ng
RT: 21.834 min Scan# 3199
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:	228	Resp:	127387
Ion Ratio	Lower	Upper	
228	100		
226	26.0	23.1	34.7
229	20.2	15.3	22.9

Instrument :
BNA_G
ClientSampleId :
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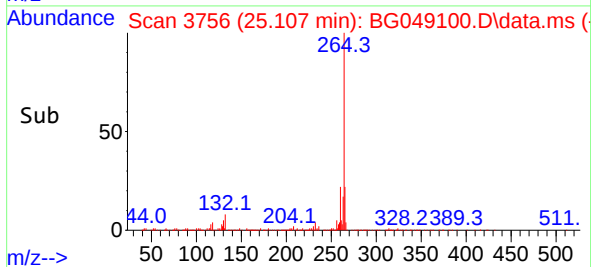
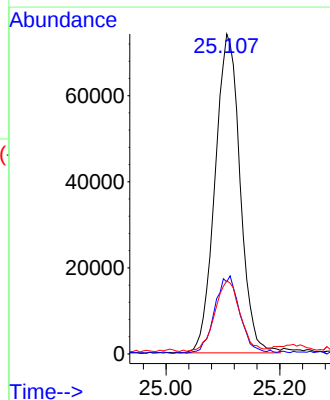
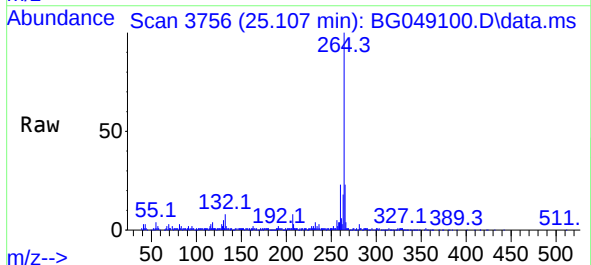
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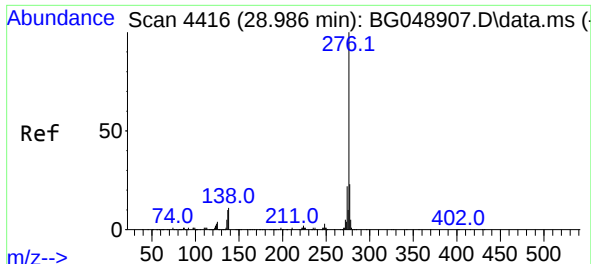
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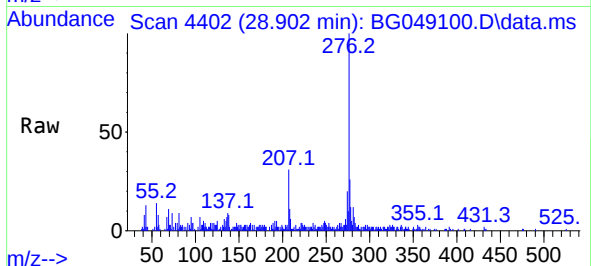
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.107 min Scan# 3756
Delta R.T. 0.003 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:	264	Resp:	226732
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.4	29.2
265	22.9	16.9	25.3

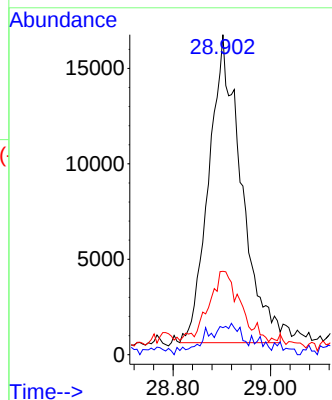




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.39 ng
RT: 28.902 min Scan# 4402
Delta R.T. -0.014 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



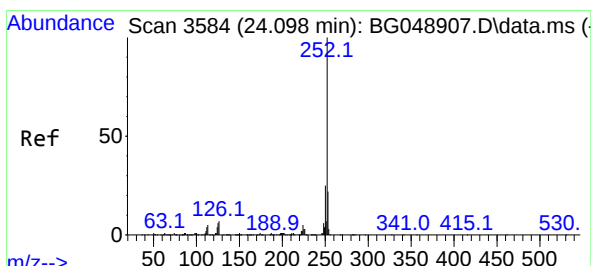
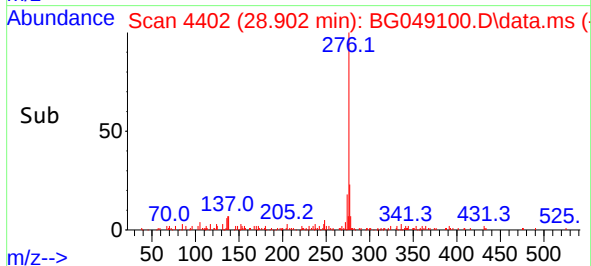
Tgt Ion: 276 Resp: 74957
Ion Ratio Lower Upper
276 100
138 4.2 5.1 7.7#
277 17.8 19.8 29.6#



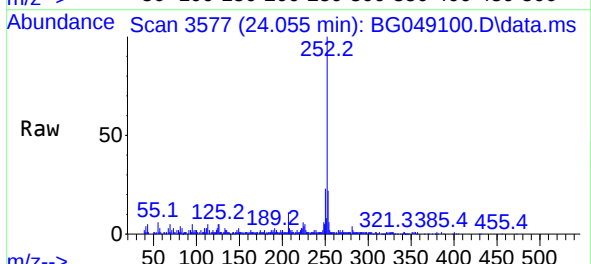
Instrument :
BNA_G
ClientSampleId :
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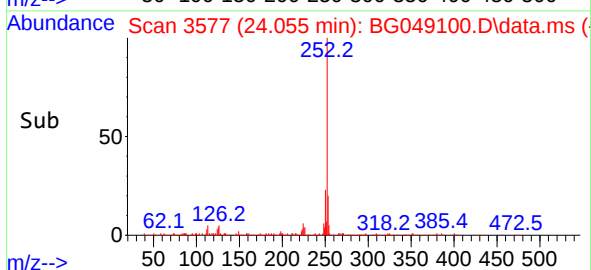
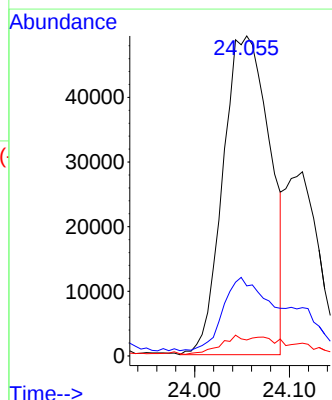
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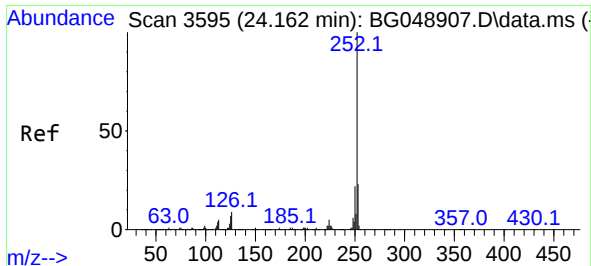


#88
Benzo(b)fluoranthene
Concen: 10.47 ng
RT: 24.055 min Scan# 3577
Delta R.T. 0.003 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26



Tgt Ion: 252 Resp: 169212
Ion Ratio Lower Upper
252 100
253 21.9 16.2 24.4
125 5.0 3.0 4.4#





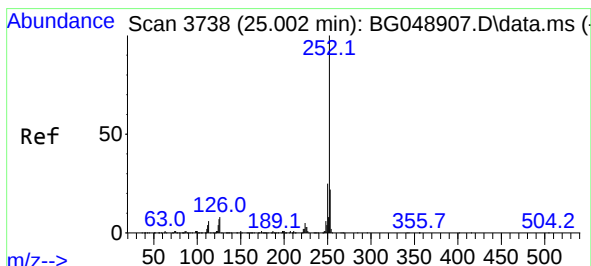
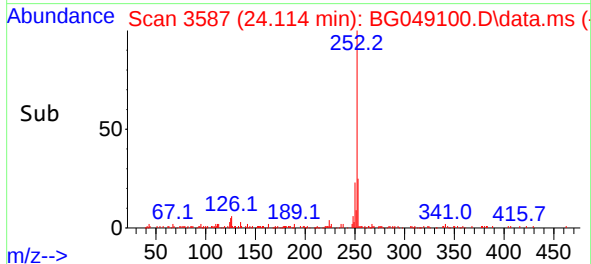
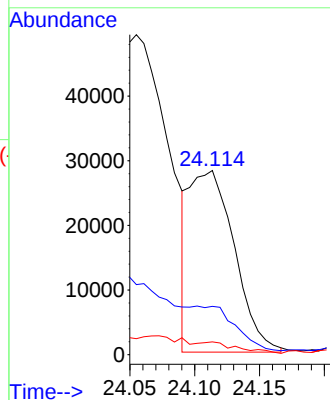
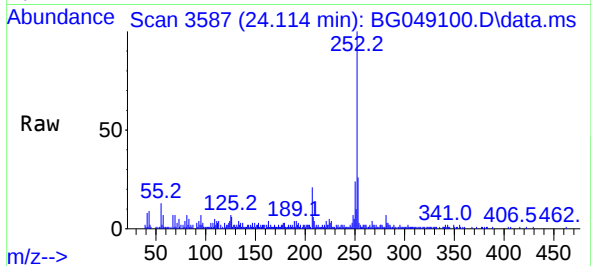
#89
Benzo(k)fluoranthene
Concen: 4.42 ng m
RT: 24.114 min Scan# 3587
Delta R.T. -0.014 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:252 Resp: 67740
Ion Ratio Lower Upper
252 100
253 26.2 18.0 27.0
125 7.0 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
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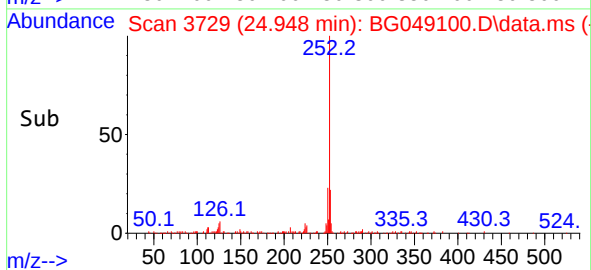
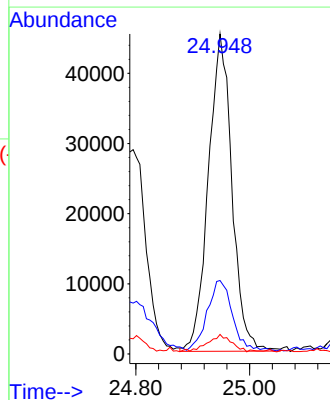
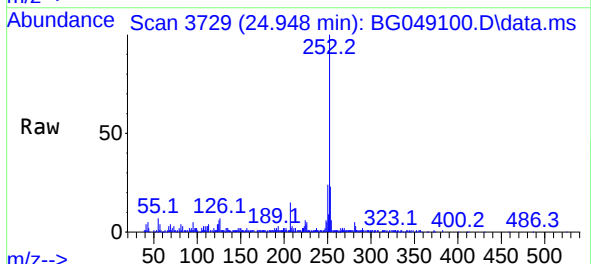
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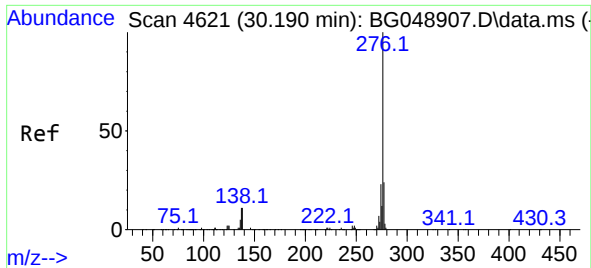
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#90
Benzo(a)pyrene
Concen: 8.83 ng
RT: 24.948 min Scan# 3729
Delta R.T. -0.002 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion:252 Resp: 130330
Ion Ratio Lower Upper
252 100
253 22.9 16.6 25.0
125 6.1 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 4.95 ng
RT: 30.089 min Scan# 4604
Delta R.T. -0.020 min
Lab File: BG049100.D
Acq: 25 Jun 2021 21:26

Tgt Ion: 276 Resp: 71219
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 14.3 7.0 10.6#

Instrument :
BNA_G
ClientSampleId :
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