

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049097.D
 Acq On : 25 Jun 2021 19:22
 Operator : CG/JU
 Sample : M2829-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-STOCKPILE-1

Manual Integrations
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Quant Time: Jun 26 01:33:03 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	8.108	152	36435	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	146758	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	103474	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	217140	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	213410	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	226136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	217476	92.92	ng	0.00
7) Phenol-d6	7.256	99	292283	83.32	ng	0.00
23) Nitrobenzene-d5	9.272	82	211697	62.20	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	148427	96.82	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	460188	62.83	ng	0.00
79) Terphenyl-d14	20.100	244	728805	62.54	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.538	178	44976	3.68	ng	96
75) Fluoranthene	19.542	202	124546	8.45	ng	99
78) Pyrene	19.906	202	119922	7.74	ng	99
81) Benzo(a)anthracene	21.757	228	79060	5.16	ng	96
83) Chrysene	21.827	228	73745	5.02	ng	97
87) Indeno(1,2,3-cd)pyrene	28.884	276	60861	3.58	ng	# 81
88) Benzo(b)fluoranthene	24.043	252	107607	6.68	ng	# 96
89) Benzo(k)fluoranthene	24.101	252	41733m	2.73	ng	
90) Benzo(a)pyrene	24.941	252	80986	5.50	ng	# 96
92) Benzo(g,h,i)perylene	30.065	276	63527	4.43	ng	95

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

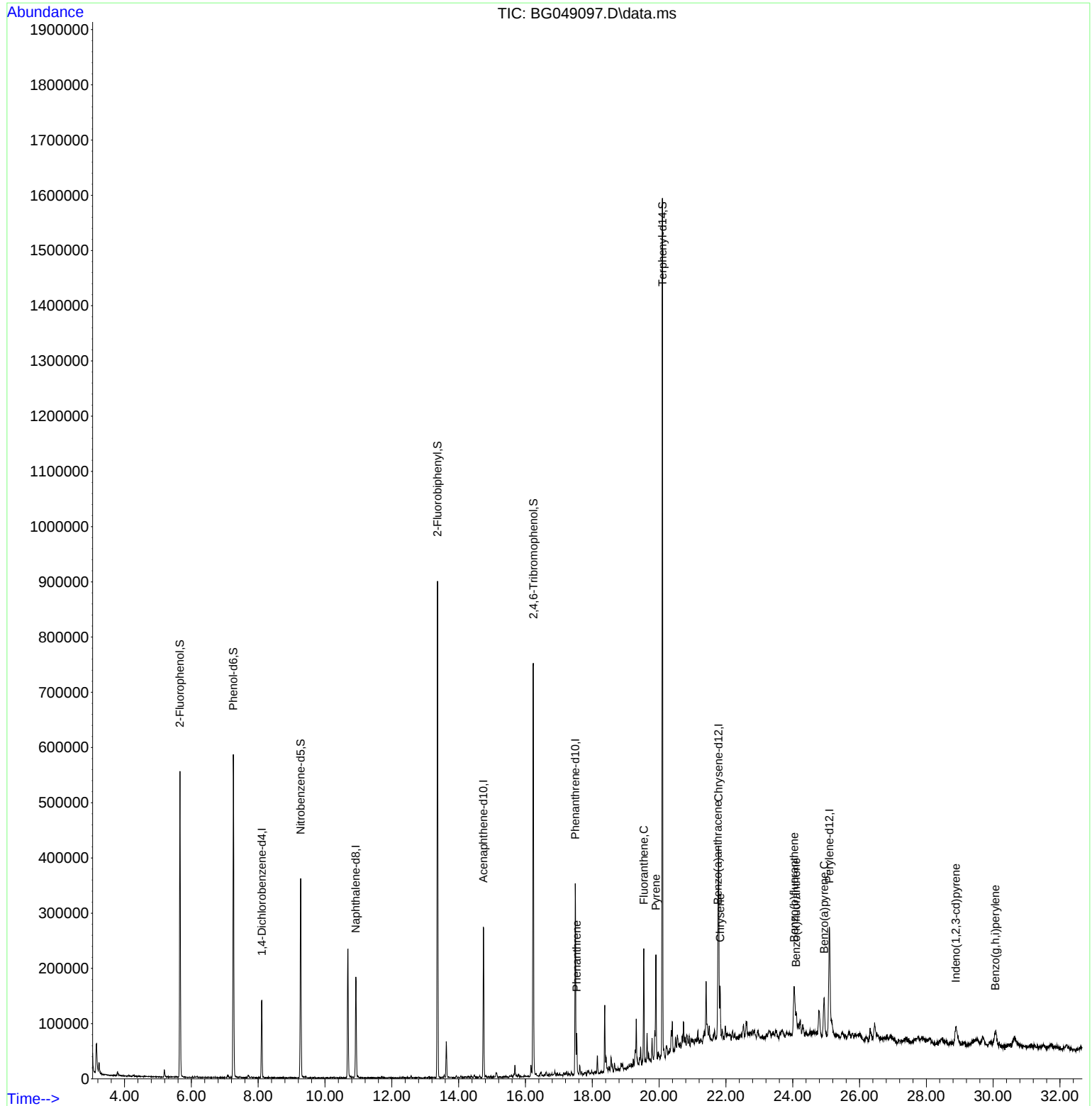
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Data File : BG049097.D
Acq On : 25 Jun 2021 19:22
Operator : CG/JU
Sample : M2829-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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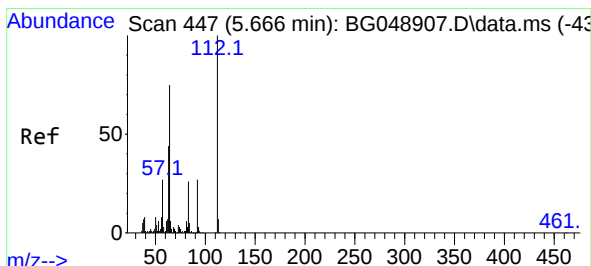
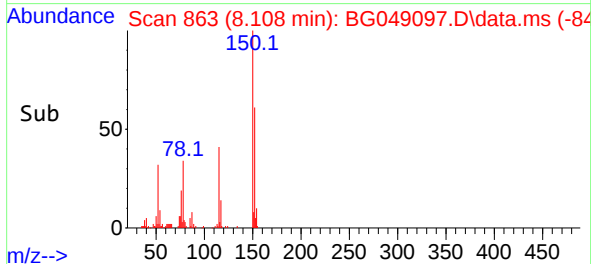
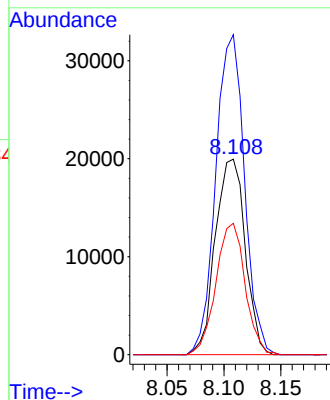
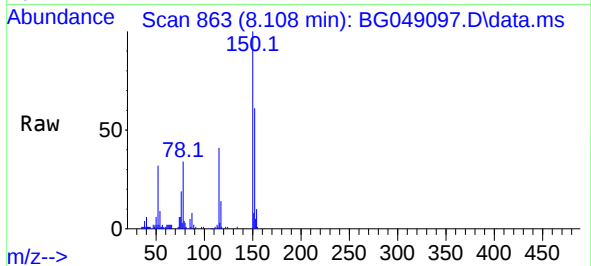
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:152 Resp: 36435
Ion Ratio Lower Upper
152 100
150 163.7 119.4 179.0
115 67.2 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1

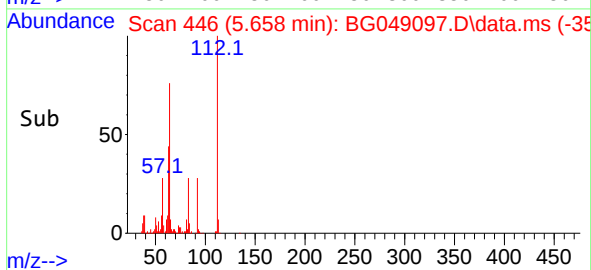
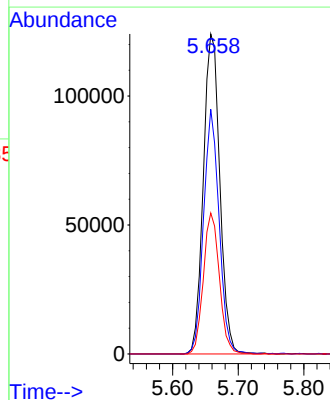
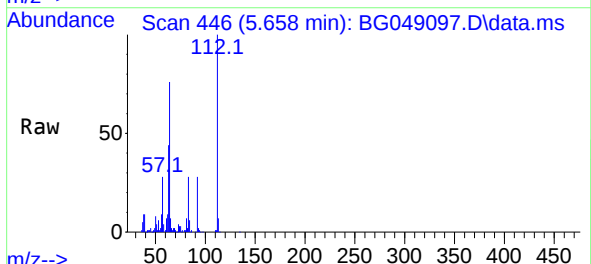
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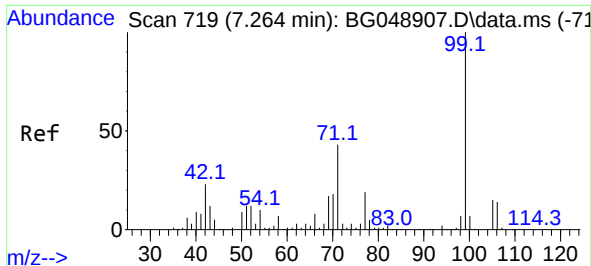
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#5
2-Fluorophenol
Concen: 92.92 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:112 Resp: 217476
Ion Ratio Lower Upper
112 100
64 76.4 46.7 70.1#
63 44.1 35.3 52.9





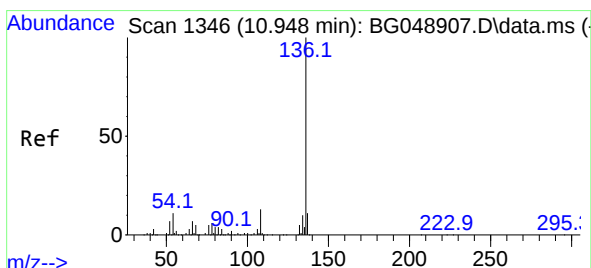
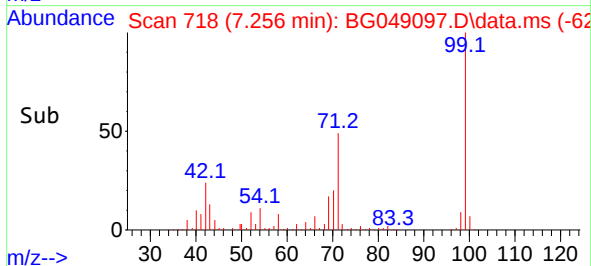
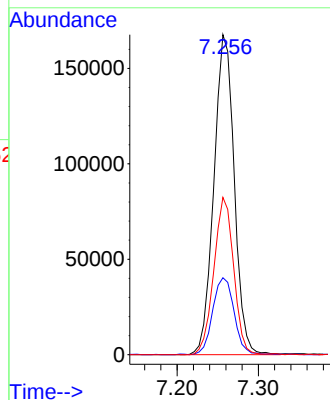
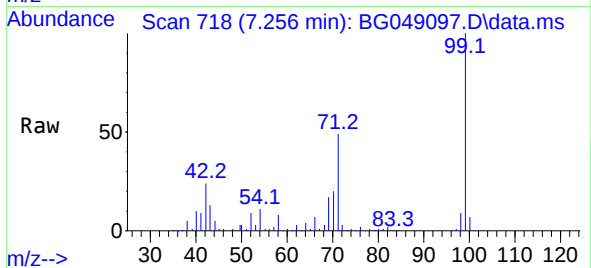
#7
Phenol-d6
Concen: 83.32 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:	99	Resp:	292283
Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.5	30.7
71	49.2	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1

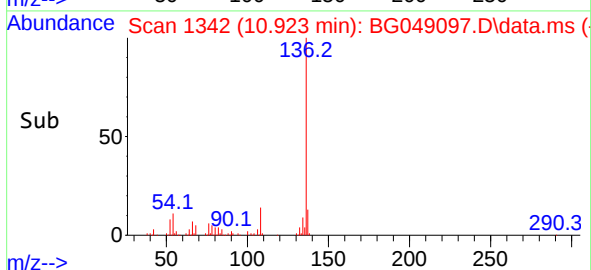
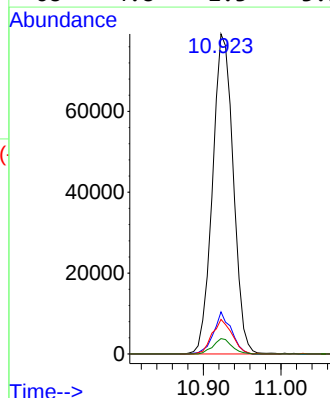
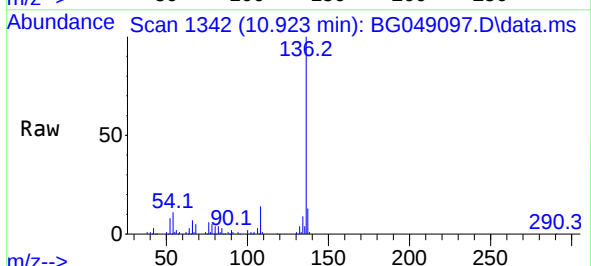
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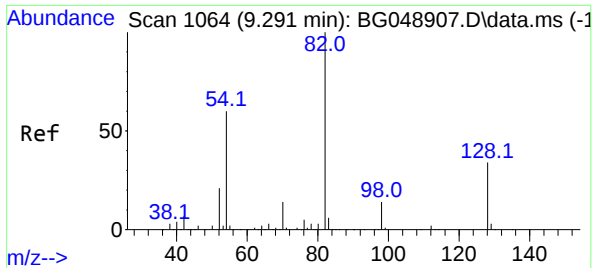
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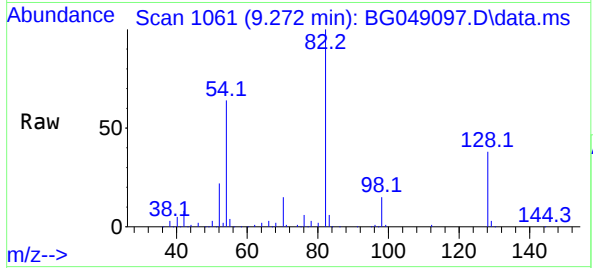
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:	136	Resp:	146758
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.2	12.2#
54	10.8	5.5	8.3#
68	4.8	2.3	3.5#

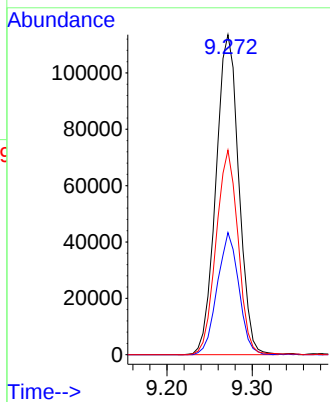
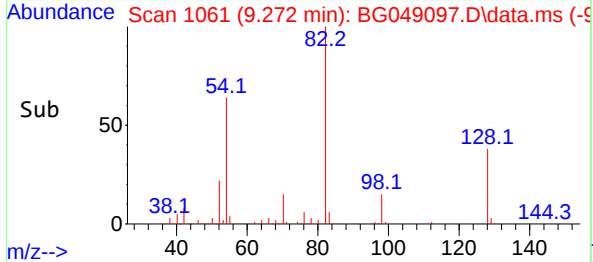




#23
Nitrobenzene-d5
Concen: 62.20 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



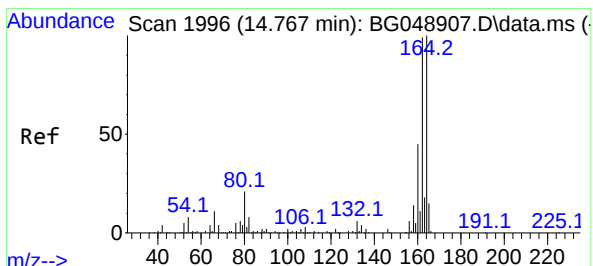
Tgt Ion: 82 Resp: 211697
Ion Ratio Lower Upper
82 100
128 38.1 29.8 44.6
54 63.9 45.8 68.8



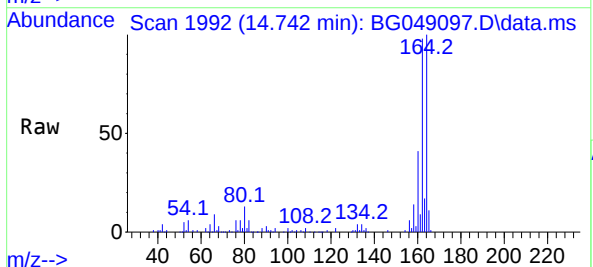
Instrument :
BNA_G
ClientSampleId :
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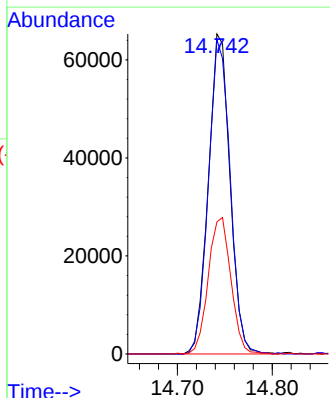
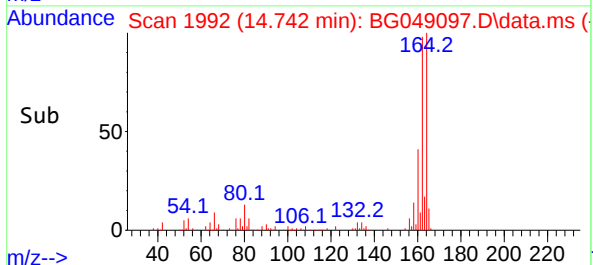
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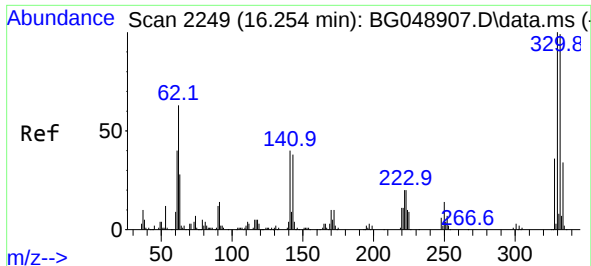


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



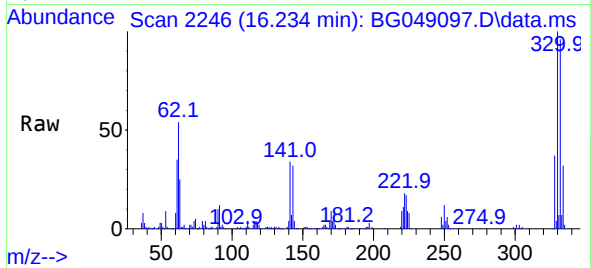
Tgt Ion: 164 Resp: 103474
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 41.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 96.82 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

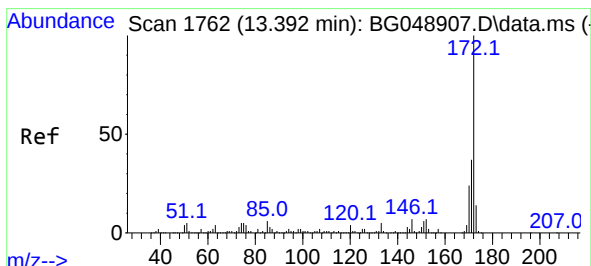
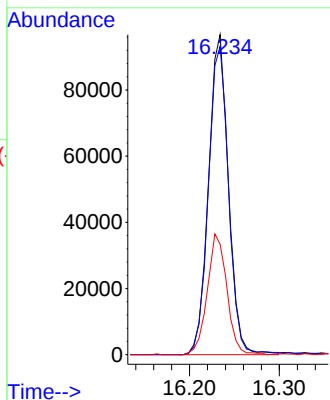
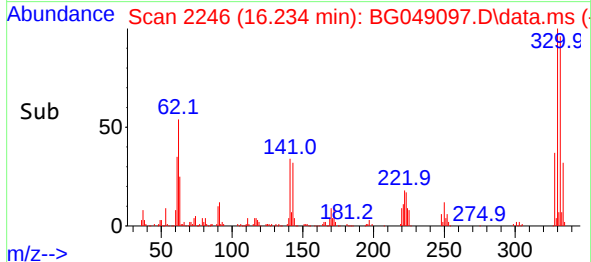
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1



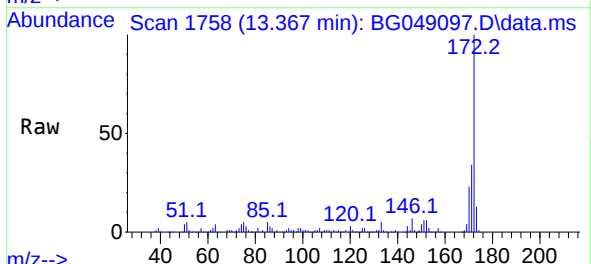
Tgt Ion:330 Resp: 148427
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 37.2 35.6 53.4

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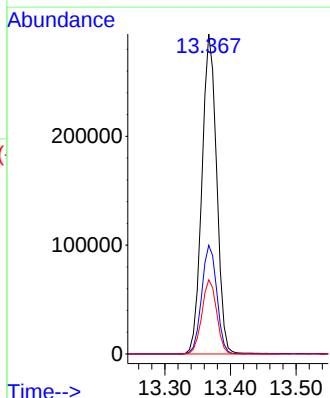
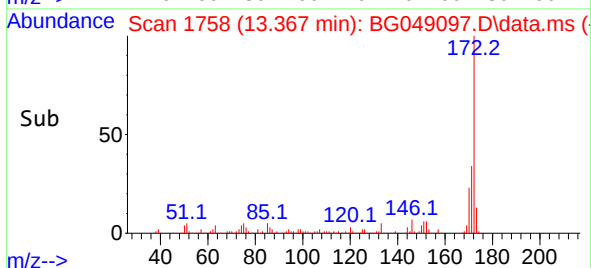
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#45
2-Fluorobiphenyl
Concen: 62.83 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



Tgt Ion:172 Resp: 460188
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.2 18.6 27.8





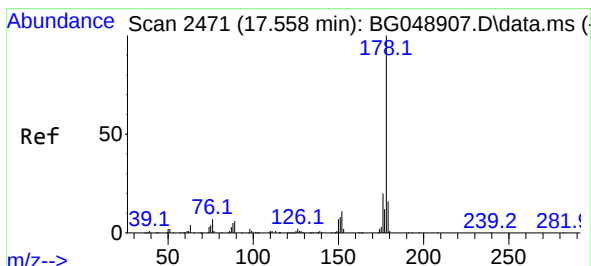
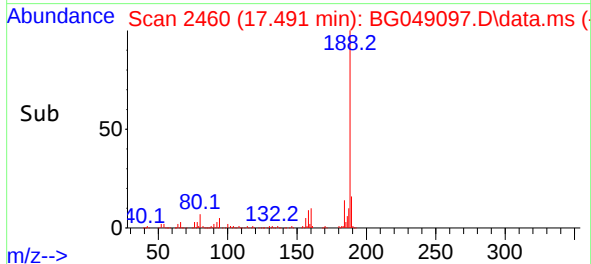
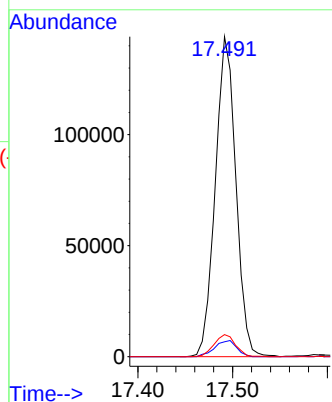
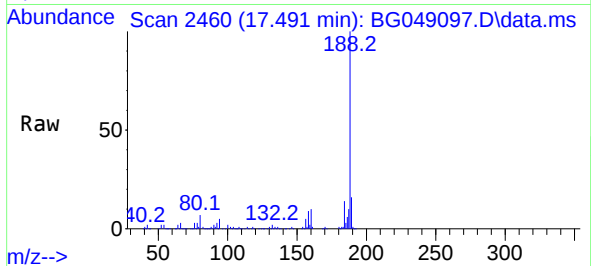
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1

Tgt Ion:188 Resp: 217140
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 6.9 3.7 5.5#

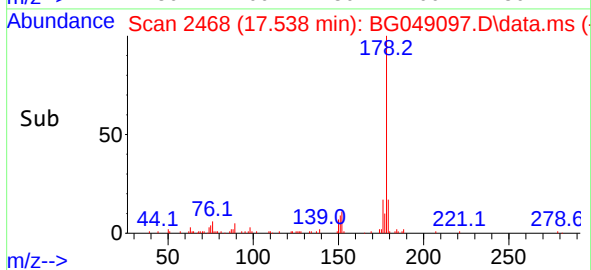
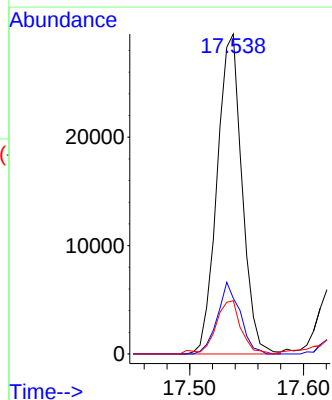
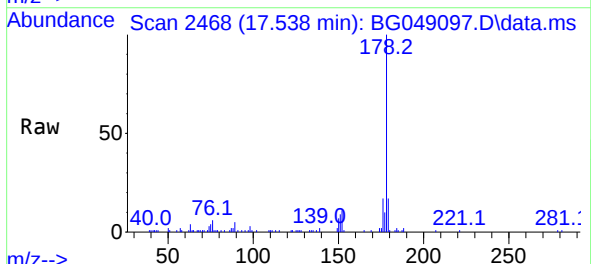
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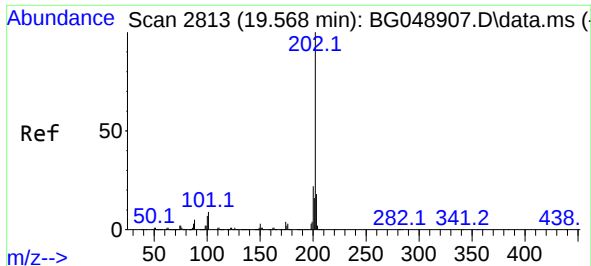
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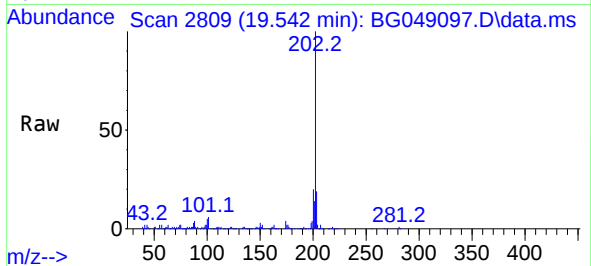
#71
Phenanthrene
Concen: 3.68 ng
RT: 17.538 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:178 Resp: 44976
Ion Ratio Lower Upper
178 100
176 17.4 16.0 24.0
179 16.6 14.2 21.4

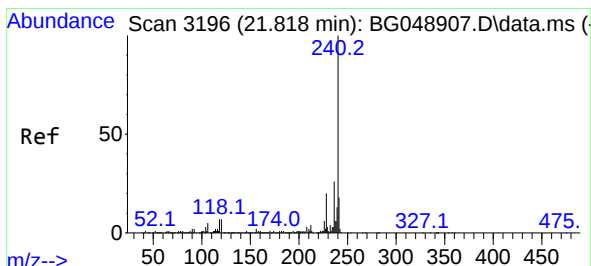
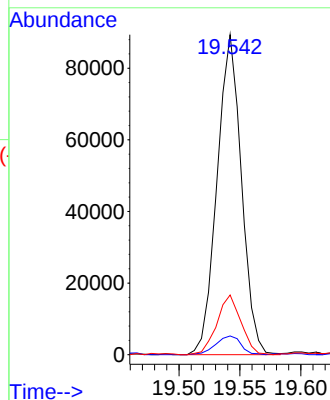
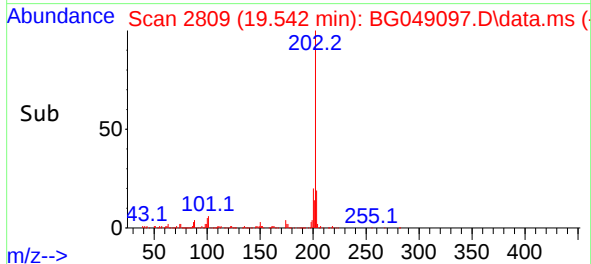




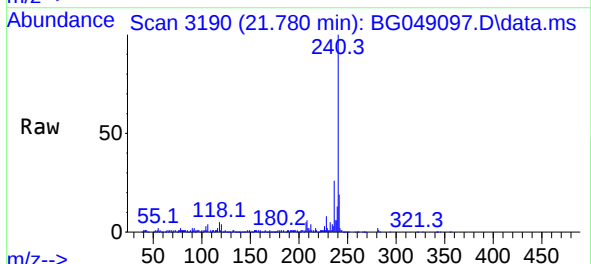
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Fluoranthene
Concen: 8.45 ng
RT: 19.542 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



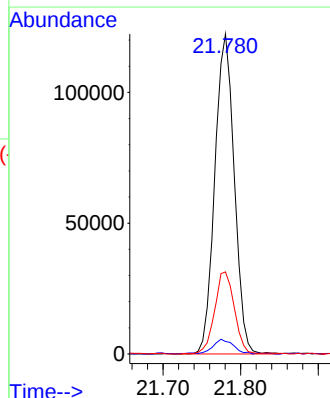
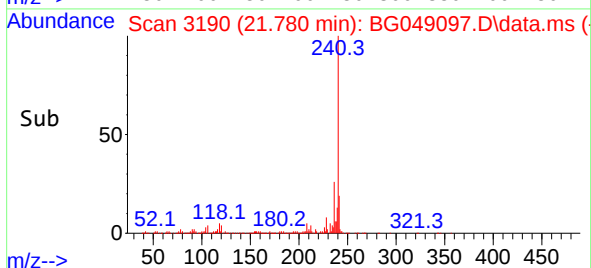
Tgt Ion:202 Resp: 124546
Ion Ratio Lower Upper
202 100
101 5.9 0.0 24.7
203 18.7 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



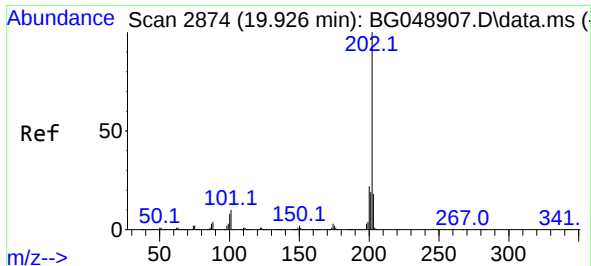
Tgt Ion:240 Resp: 213410
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 25.6 21.8 32.6



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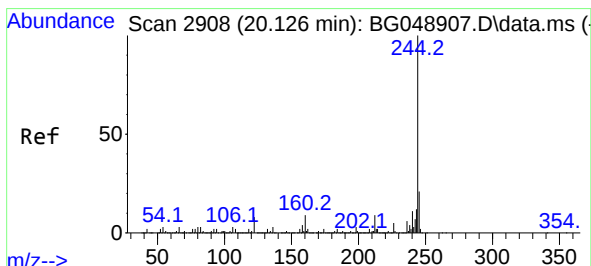
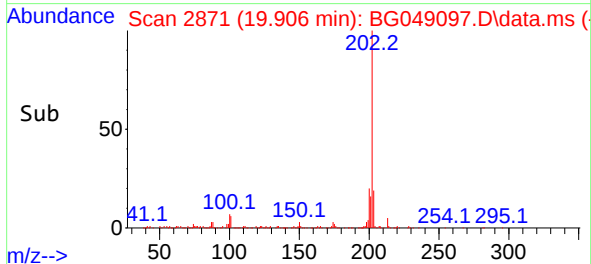
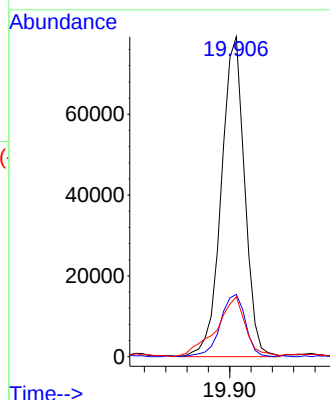
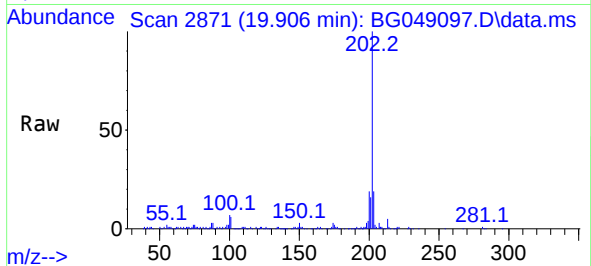
#78
Pyrene
Concen: 7.74 ng
RT: 19.906 min Scan# 2871
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:202 Resp: 119922
Ion Ratio Lower Upper
202 100
200 19.4 15.8 23.8
203 18.7 14.6 21.8

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1

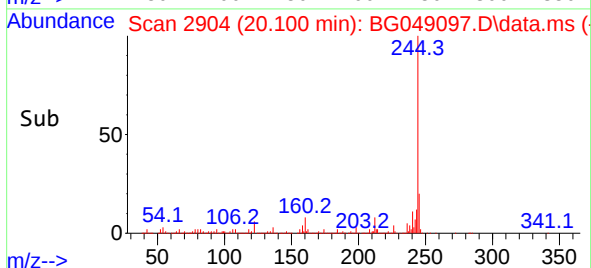
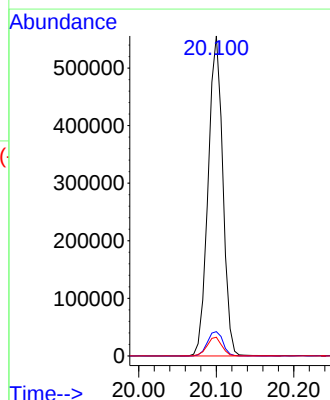
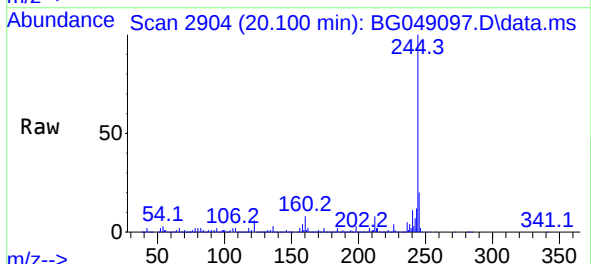
Manual Integrations
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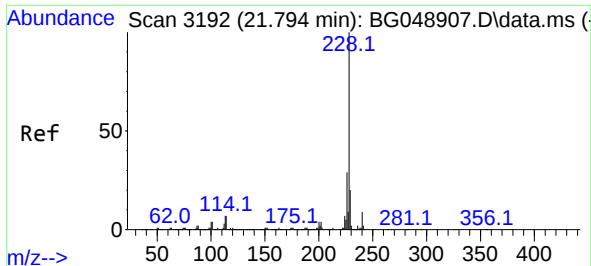
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#79
Terphenyl-d14
Concen: 62.54 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:244 Resp: 728805
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 5.8 5.0 7.6





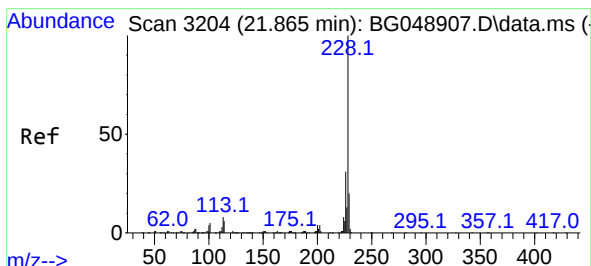
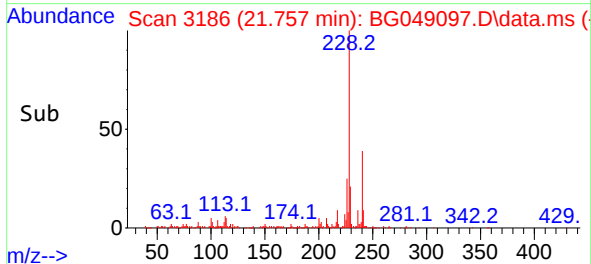
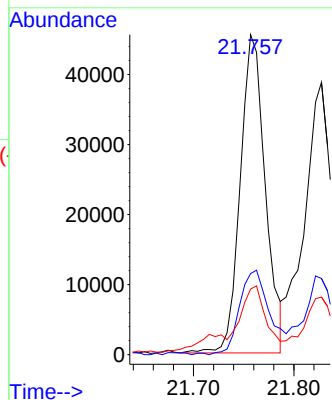
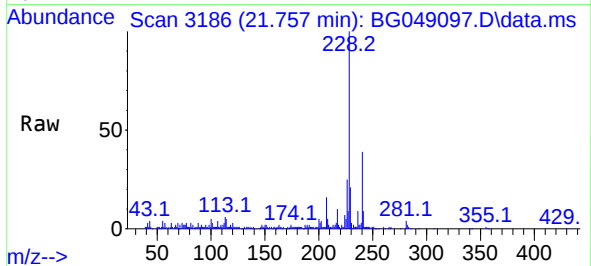
#81
Benzo(a)anthracene
Concen: 5.16 ng
RT: 21.757 min Scan# 3186
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

Tgt Ion:228 Resp: 79060
Ion Ratio Lower Upper
228 100
226 25.4 22.7 34.1
229 20.5 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1

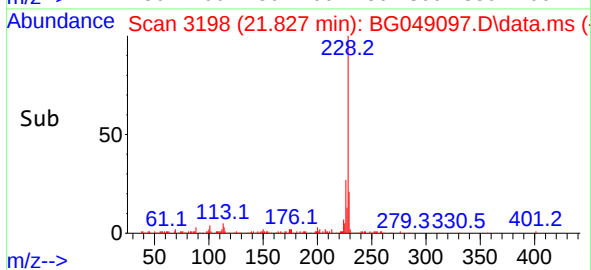
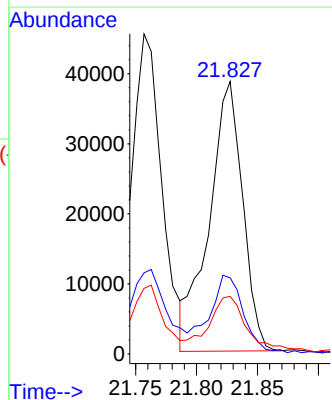
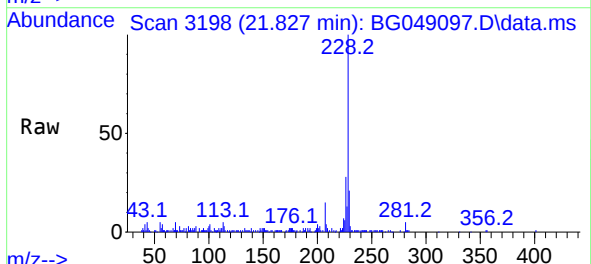
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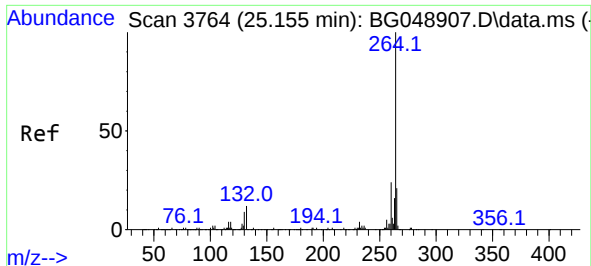
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#83
Chrysene
Concen: 5.02 ng
RT: 21.827 min Scan# 3198
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

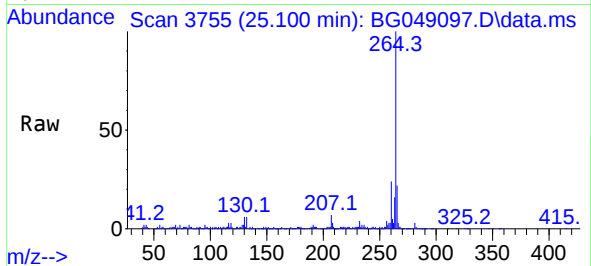
Tgt Ion:228 Resp: 73745
Ion Ratio Lower Upper
228 100
226 28.0 23.1 34.7
229 21.2 15.3 22.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.100 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

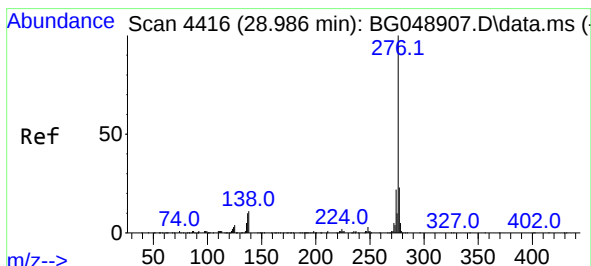
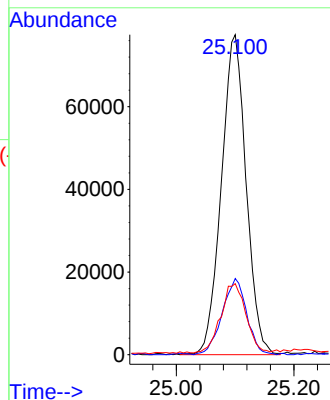
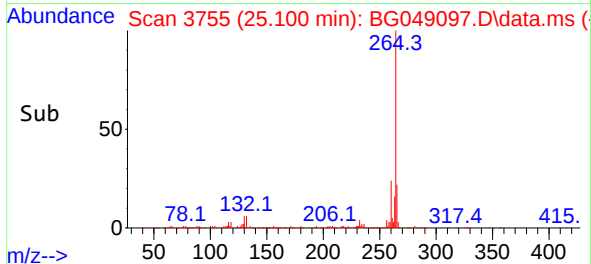
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1



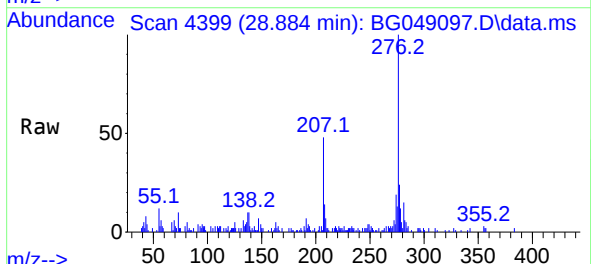
Tgt Ion:264 Resp: 226136
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.2 16.9 25.3

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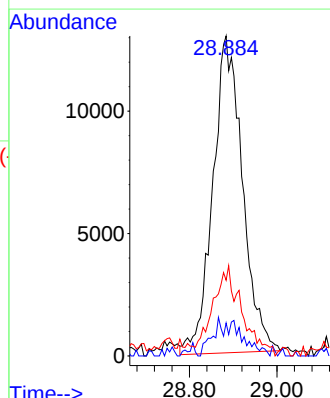
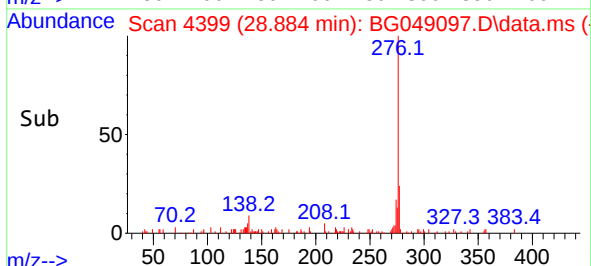
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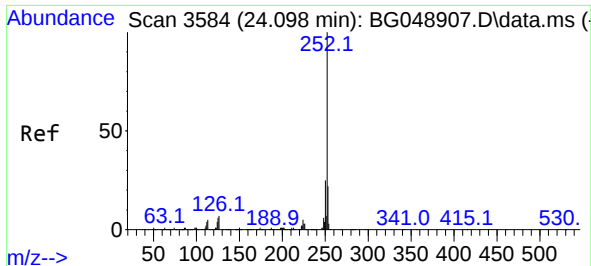


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.58 ng
RT: 28.884 min Scan# 4399
Delta R.T. -0.032 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



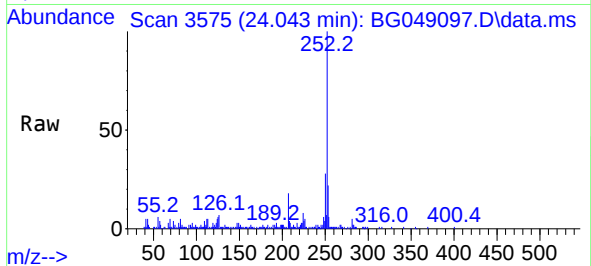
Tgt Ion:276 Resp: 60861
Ion Ratio Lower Upper
276 100
138 0.0 5.1 7.7#
277 15.4 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 6.68 ng
RT: 24.043 min Scan# 3575
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

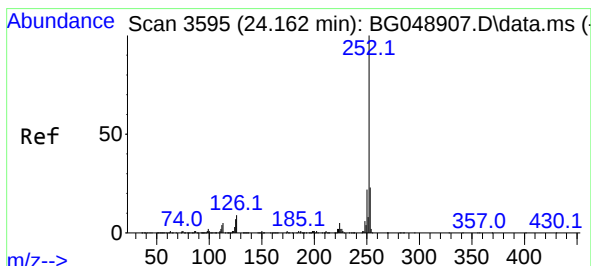
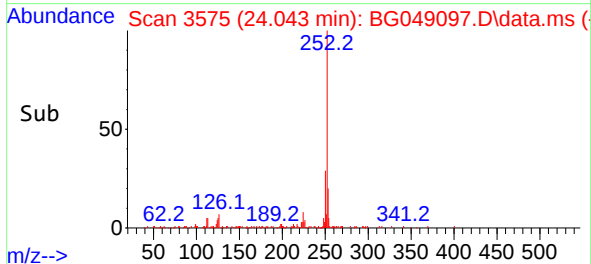
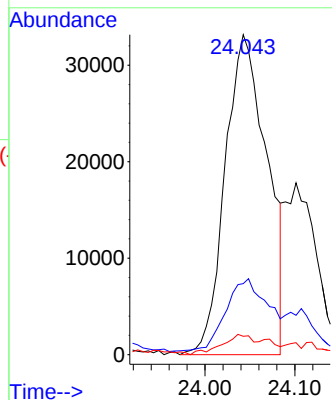
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1



Tgt Ion:252 Resp: 107607
Ion Ratio Lower Upper
252 100
253 22.2 16.2 24.4
125 5.7 3.0 4.4#

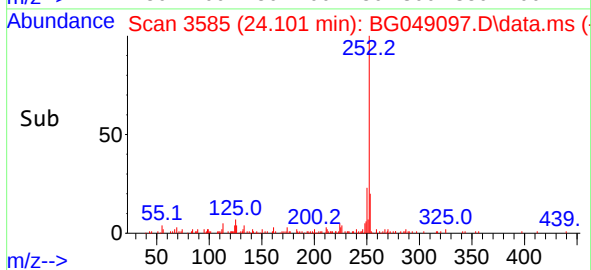
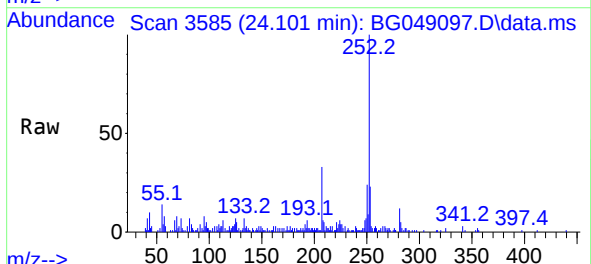
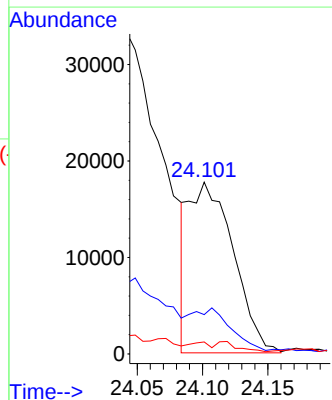
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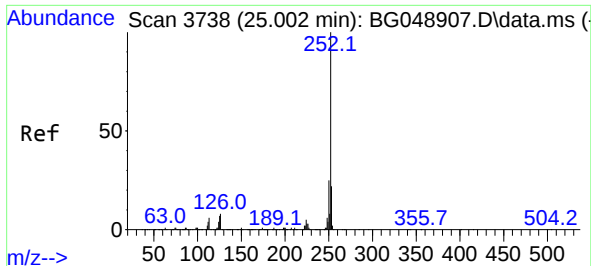
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#89
Benzo(k)fluoranthene
Concen: 2.73 ng m
RT: 24.101 min Scan# 3585
Delta R.T. -0.027 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

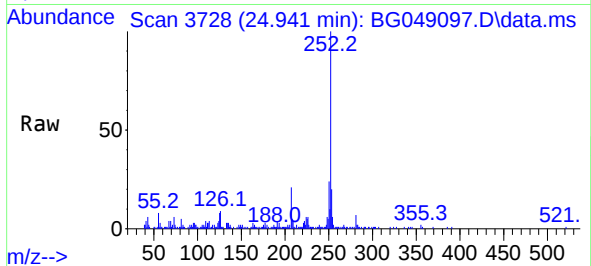
Tgt Ion:252 Resp: 41733
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 7.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 5.50 ng
RT: 24.941 min Scan# 3728
Delta R.T. -0.009 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22

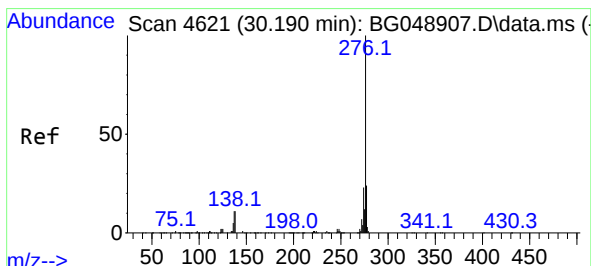
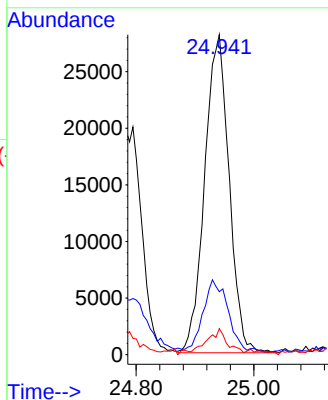
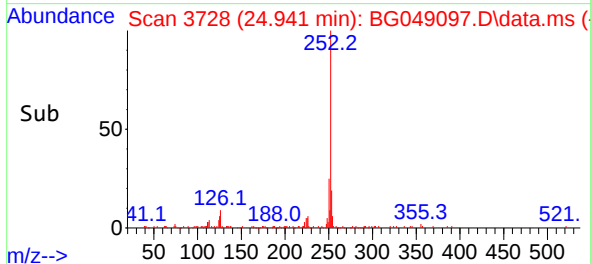
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-1



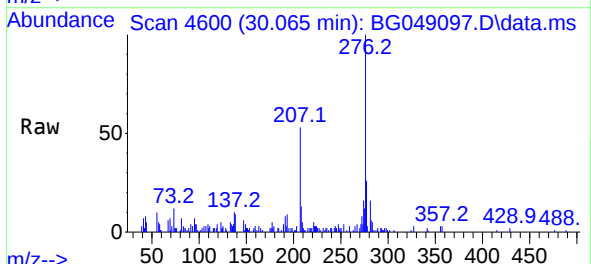
Tgt Ion:252 Resp: 80986
Ion Ratio Lower Upper
252 100
253 19.7 16.6 25.0
125 8.1 3.5 5.3#

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#92
Benzo(g,h,i)perylene
Concen: 4.43 ng
RT: 30.065 min Scan# 4600
Delta R.T. -0.044 min
Lab File: BG049097.D
Acq: 25 Jun 2021 19:22



Tgt Ion:276 Resp: 63527
Ion Ratio Lower Upper
276 100
277 26.4 18.4 27.6
138 9.3 7.0 10.6

