

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049098.D
 Acq On : 25 Jun 2021 20:04
 Operator : CG/JU
 Sample : M2829-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-STOCKPILE-2A

Manual Integrations
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Quant Time: Jun 26 01:33:41 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	8.104	152	42814	20.00	ng	# 0.00
21) Naphthalene-d8	10.930	136	171774	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	119238	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	237342	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	227006	20.00	ng	0.00
86) Perylene-d12	25.102	264	237509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	267821	97.38	ng	0.00
7) Phenol-d6	7.258	99	350911	85.13	ng	0.00
23) Nitrobenzene-d5	9.273	82	257170	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	177354	100.39	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	547392	64.85	ng	0.00
79) Terphenyl-d14	20.102	244	799254	64.48	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.534	178	161928	12.13	ng	97
72) Anthracene	17.628	178	37026	2.76	ng	95
75) Fluoranthene	19.543	202	304576	18.91	ng	99
78) Pyrene	19.902	202	284555	17.27	ng	97
81) Benzo(a)anthracene	21.758	228	175881	10.79	ng	97
83) Chrysene	21.829	228	159643	10.22	ng	95
87) Indeno(1,2,3-cd)pyrene	28.903	276	117493	6.57	ng	94
88) Benzo(b)fluoranthene	24.044	252	242662	14.33	ng	# 96
89) Benzo(k)fluoranthene	24.109	252	86792m	5.40	ng	
90) Benzo(a)pyrene	24.949	252	178170	11.53	ng	98
91) Dibenzo(a,h)anthracene	28.944	278	33114m	2.22	ng	
92) Benzo(g,h,i)perylene	30.096	276	114424	7.60	ng	96

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

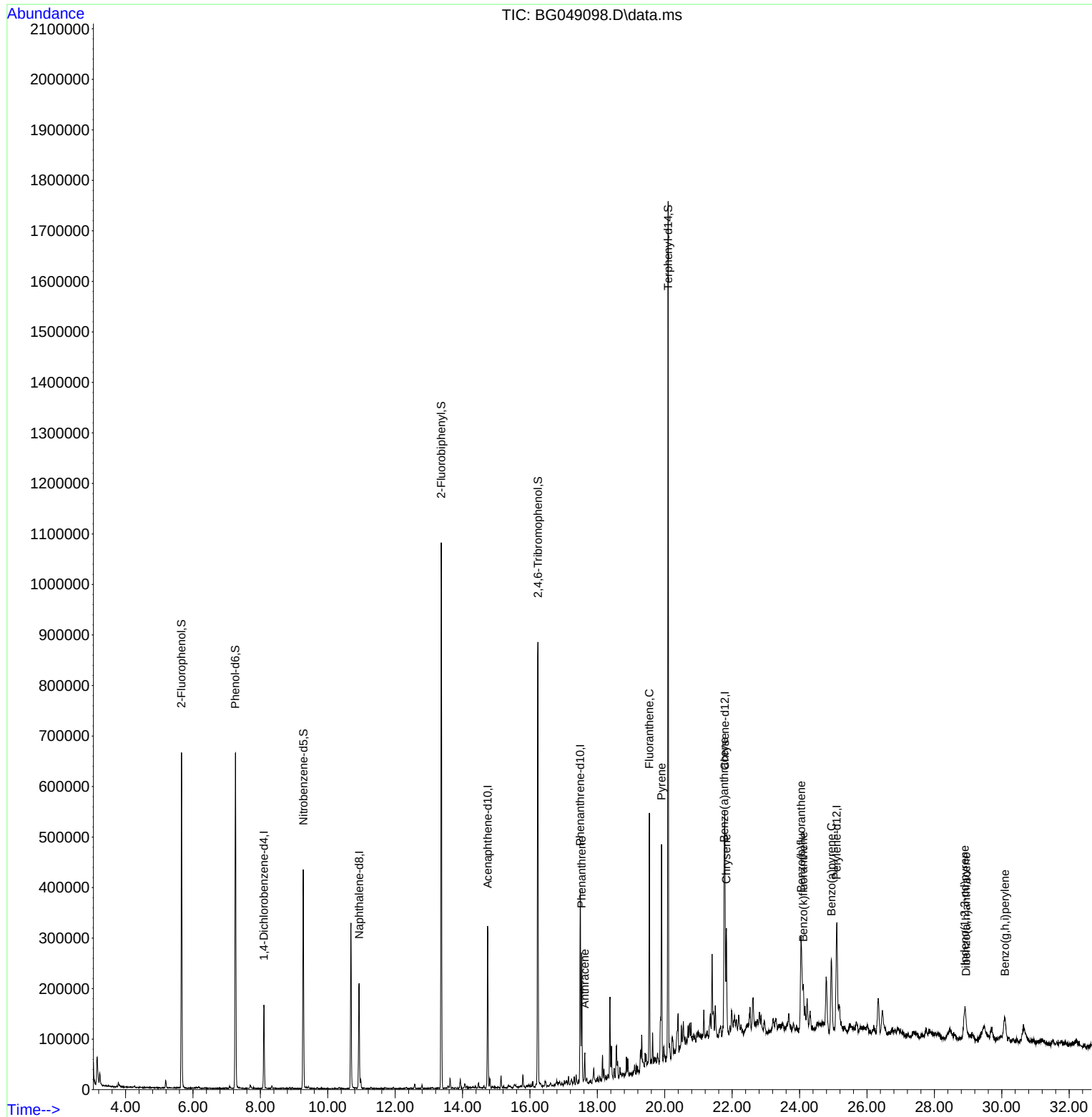
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Data File : BG049098.D
Acq On : 25 Jun 2021 20:04
Operator : CG/JU
Sample : M2829-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

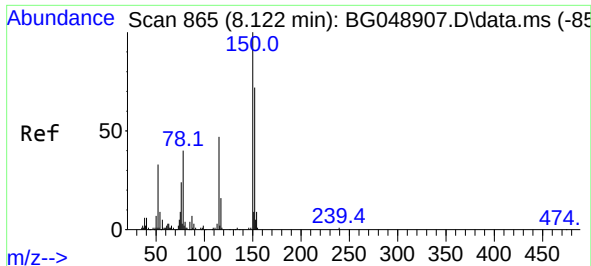
Instrument :
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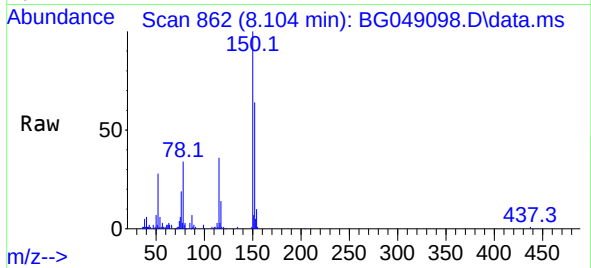
Quant Time: Jun 26 01:33:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

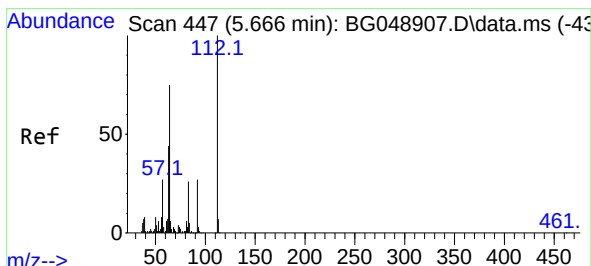
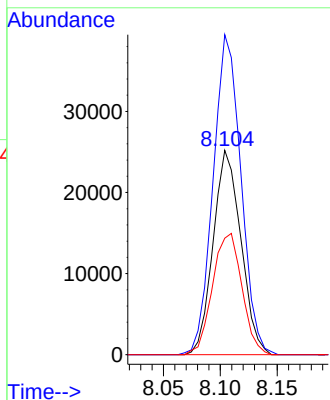
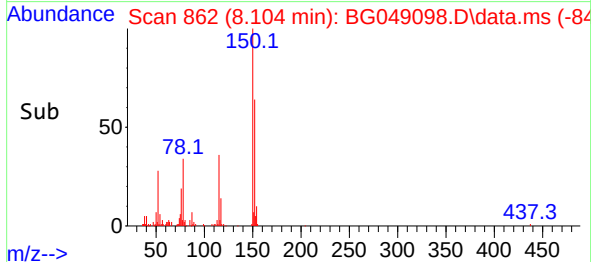
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A



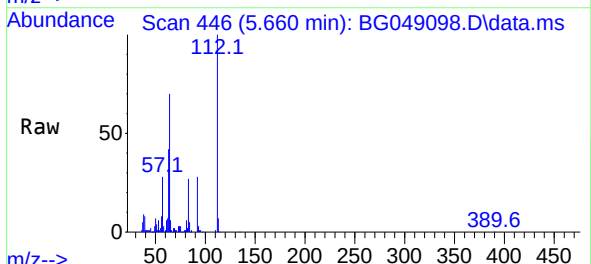
Tgt Ion:152 Resp: 42814
Ion Ratio Lower Upper
152 100
150 156.7 119.4 179.0
115 57.0 60.2 90.4#

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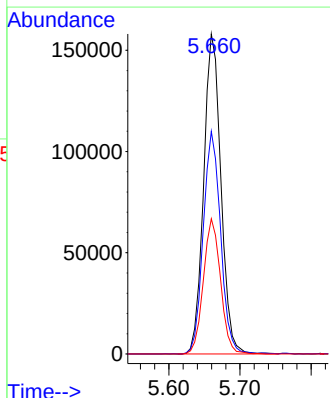
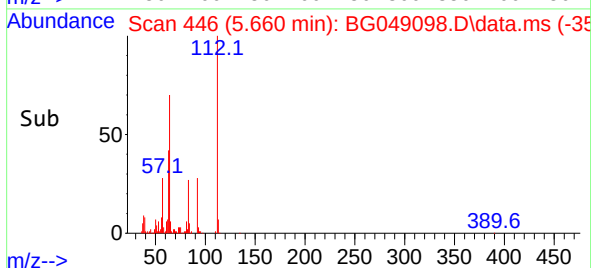
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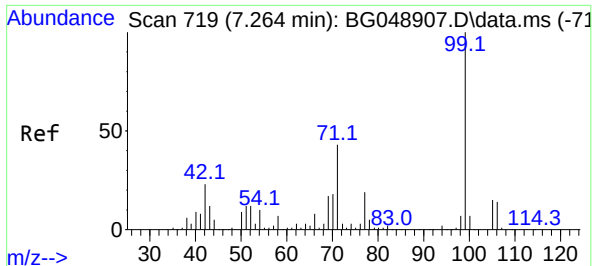


#5
2-Fluorophenol
Concen: 97.38 ng
RT: 5.660 min Scan# 446
Delta R.T. 0.004 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



Tgt Ion:112 Resp: 267821
Ion Ratio Lower Upper
112 100
64 69.5 46.7 70.1
63 42.2 35.3 52.9





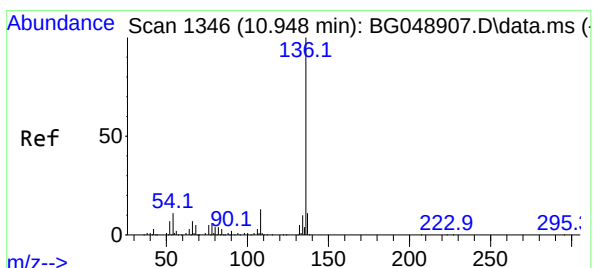
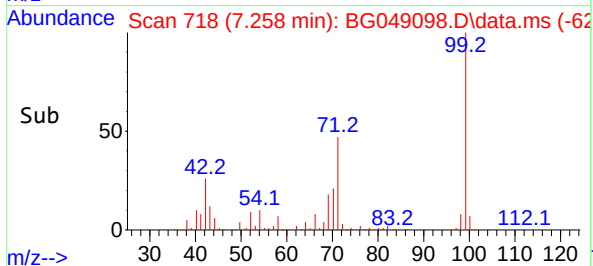
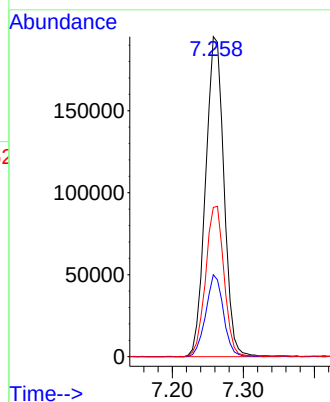
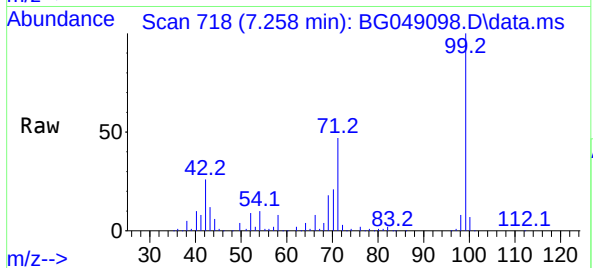
#7
Phenol-d6
Concen: 85.13 ng
RT: 7.258 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt Ion: 99	Resp: 350911
Ion Ratio	Lower Upper
99 100	
42 25.6	20.5 30.7
71 46.7	41.5 62.3

Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A

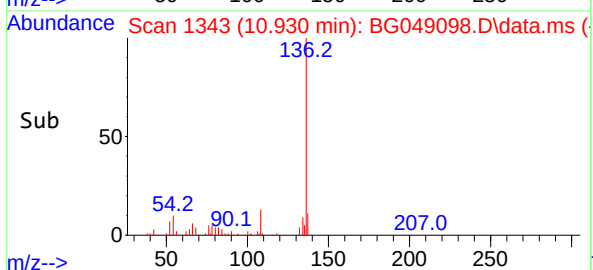
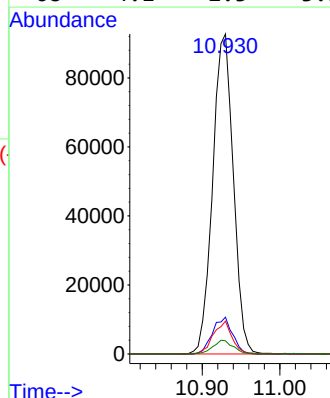
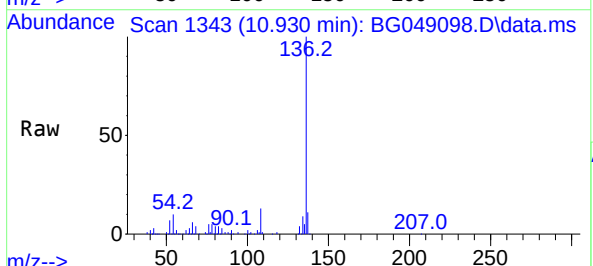
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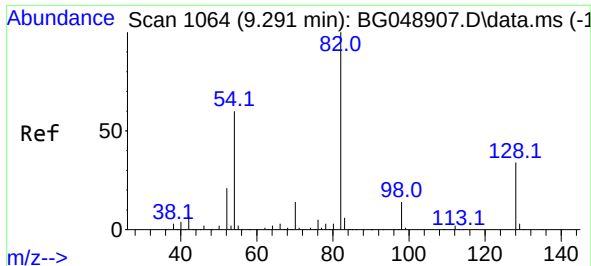
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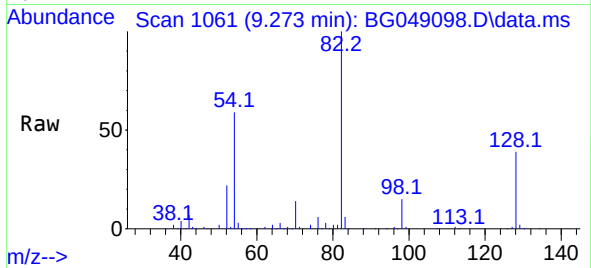
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1343
Delta R.T. 0.004 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt	Ion:136	Resp:	171774
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	10.2	5.5	8.3#
68	4.1	2.3	3.5#

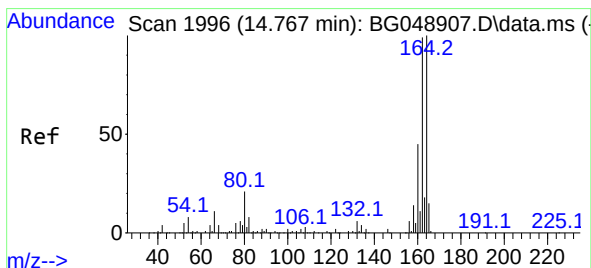
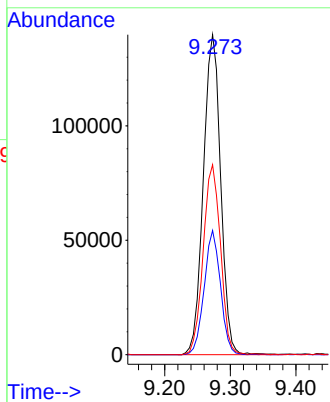
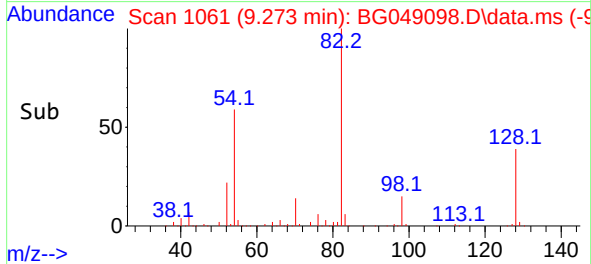




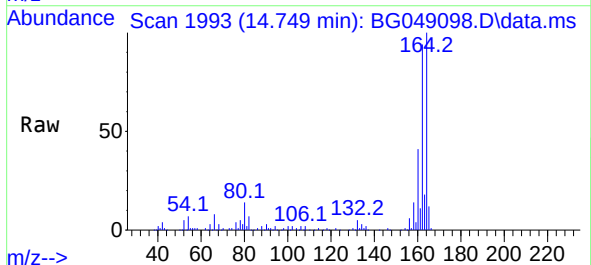
#23
Nitrobenzene-d5
Concen: 64.56 ng
RT: 9.273 min Scan# 1061
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



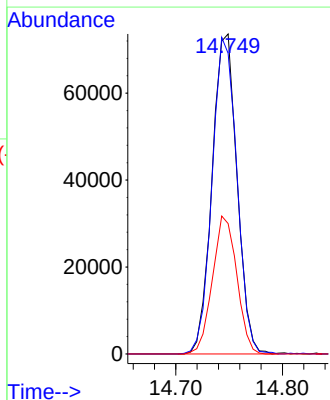
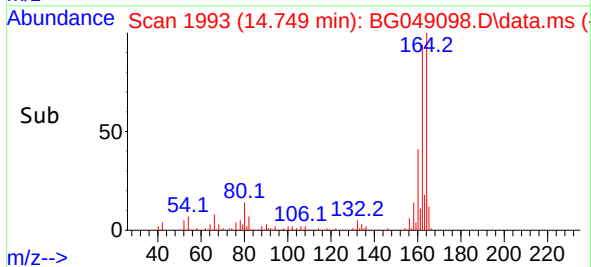
Tgt Ion: 82 Resp: 257170
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 59.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



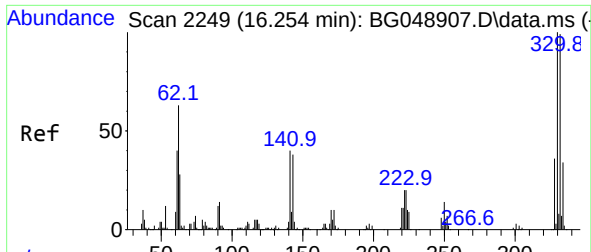
Tgt Ion: 164 Resp: 119238
Ion Ratio Lower Upper
164 100
162 94.0 81.4 122.0
160 40.8 34.9 52.3



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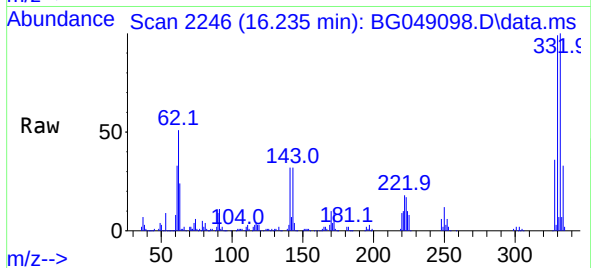
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#42
2,4,6-Tribromophenol
Concen: 100.39 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

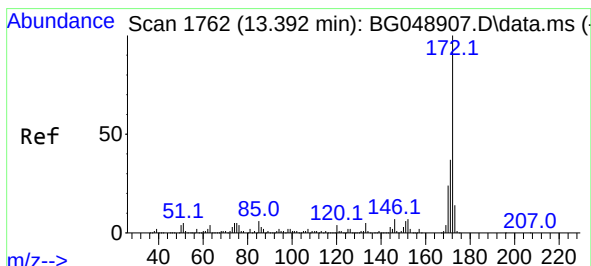
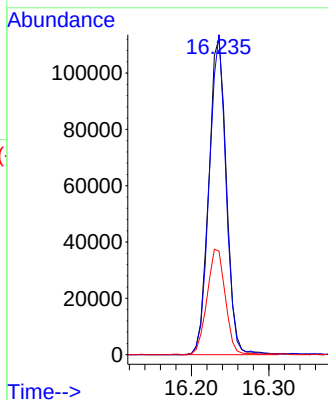
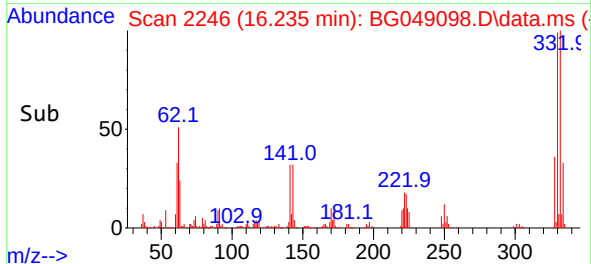
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A



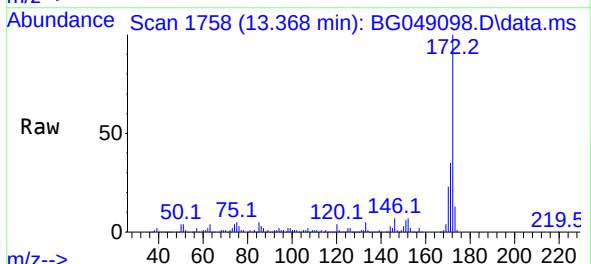
Tgt Ion:330 Resp: 177354
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 34.6 35.6 53.4#

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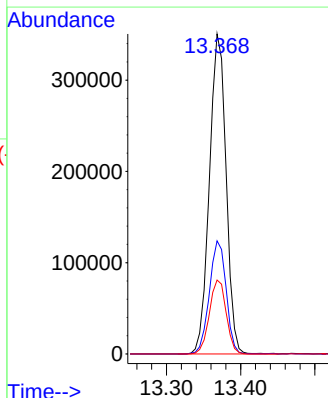
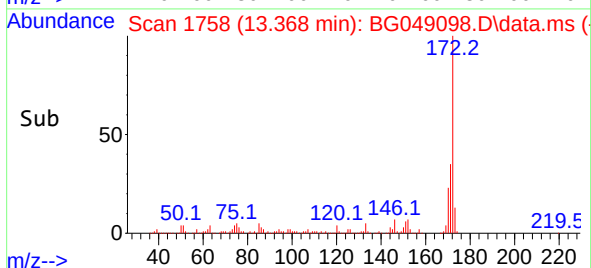
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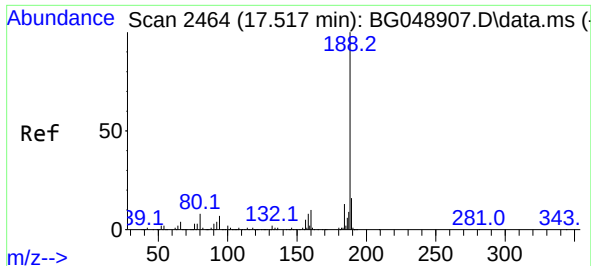


#45
2-Fluorobiphenyl
Concen: 64.85 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



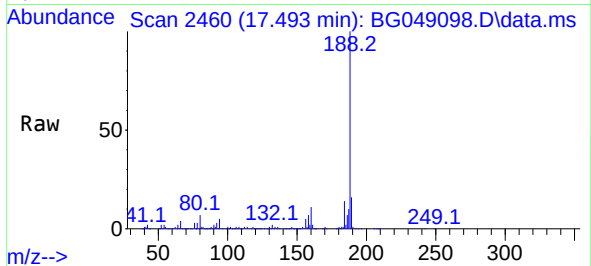
Tgt Ion:172 Resp: 547392
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

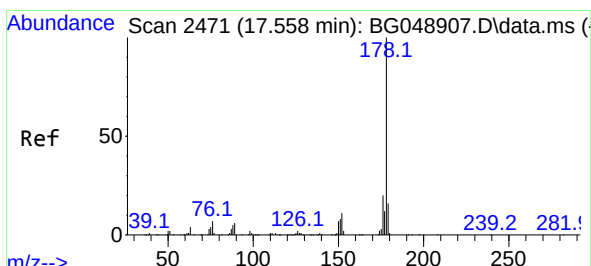
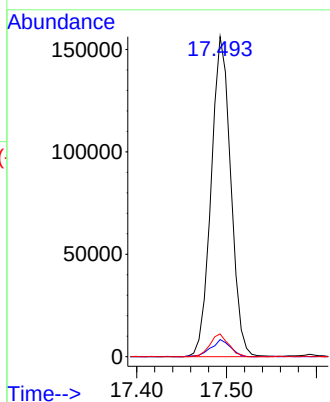
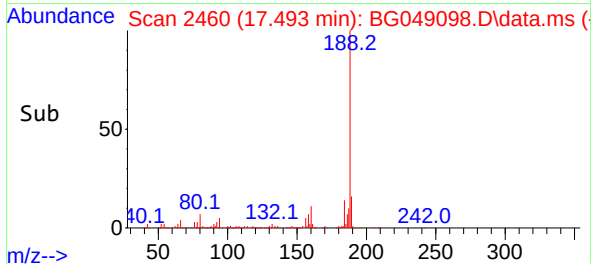
Instrument :
BNA_G
ClientSampleId :
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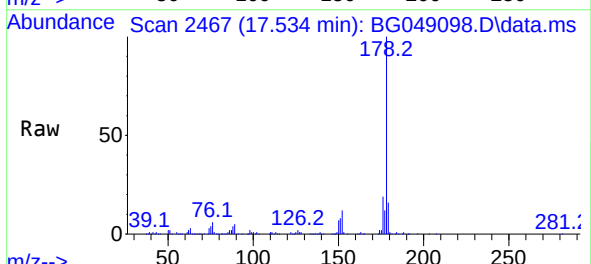
Tgt Ion:188 Resp: 237342
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 7.1 3.7 5.5#

Manual Integrations
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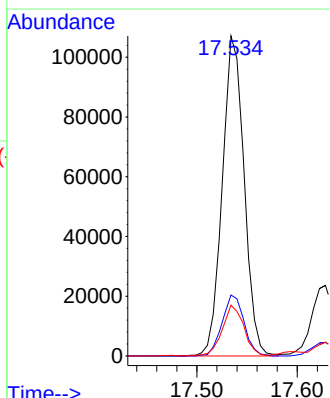
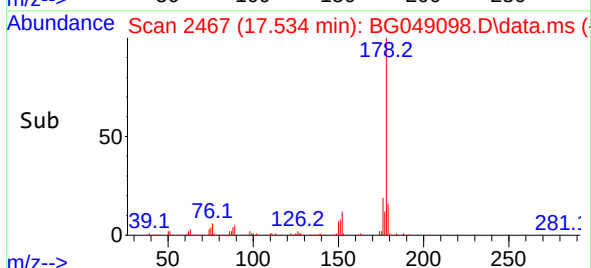
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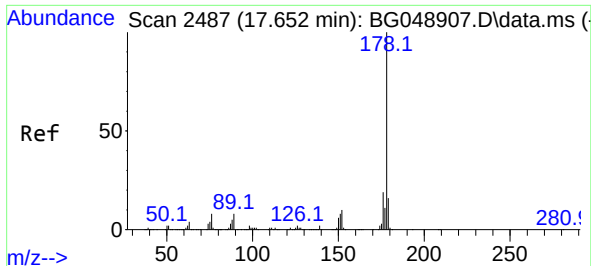


#71
Phenanthrene
Concen: 12.13 ng
RT: 17.534 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



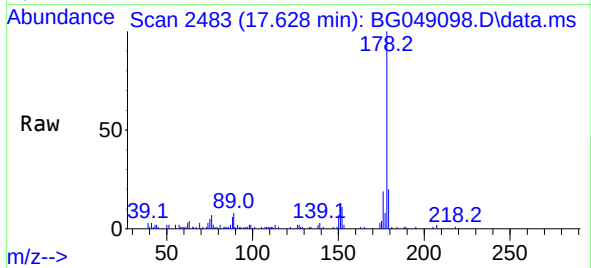
Tgt Ion:178 Resp: 161928
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.9 14.2 21.4





#72
 Anthracene
 Concen: 2.76 ng
 RT: 17.628 min Scan# 2483
 Delta R.T. -0.002 min
 Lab File: BG049098.D
 Acq: 25 Jun 2021 20:04

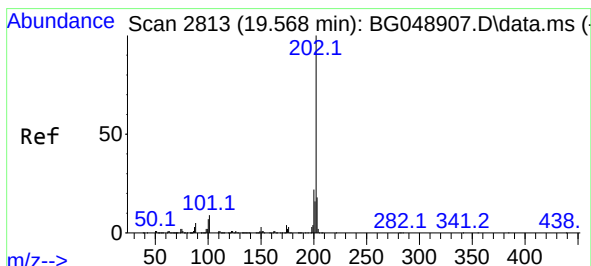
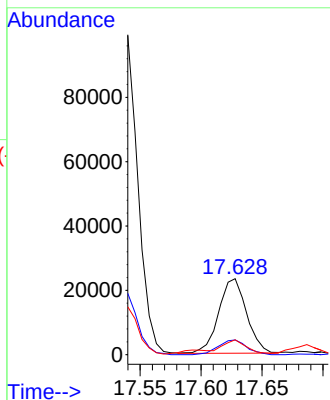
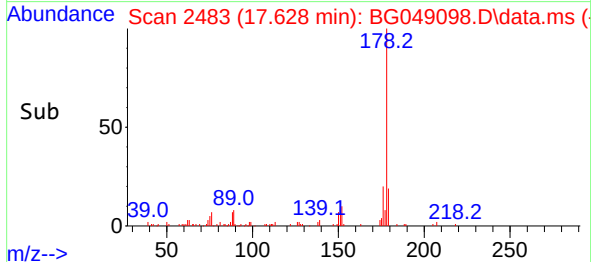
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 15B-STOCKPILE-2A



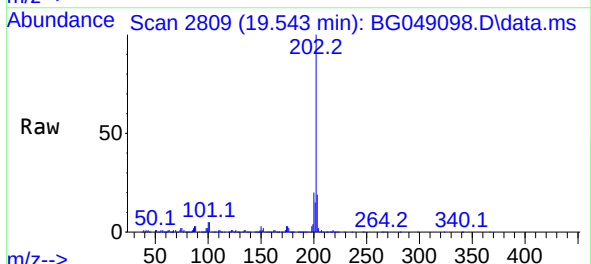
Tgt Ion:178 Resp: 37026
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.6 21.8
 179 19.5 13.4 20.0

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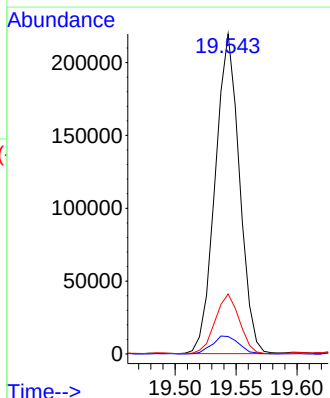
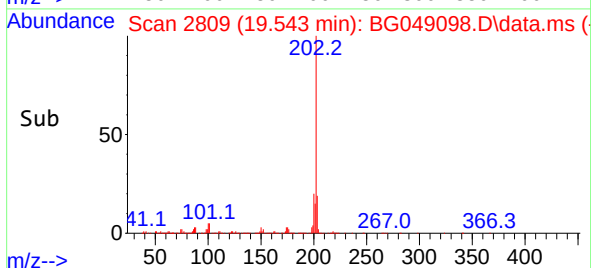
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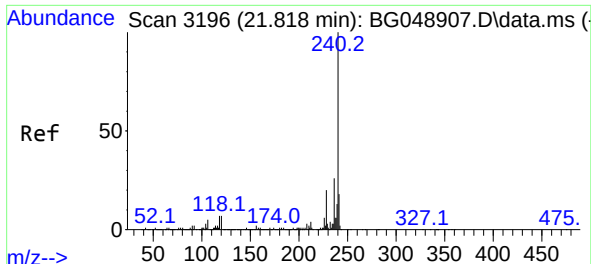


#75
 Fluoranthene
 Concen: 18.91 ng
 RT: 19.543 min Scan# 2809
 Delta R.T. -0.002 min
 Lab File: BG049098.D
 Acq: 25 Jun 2021 20:04



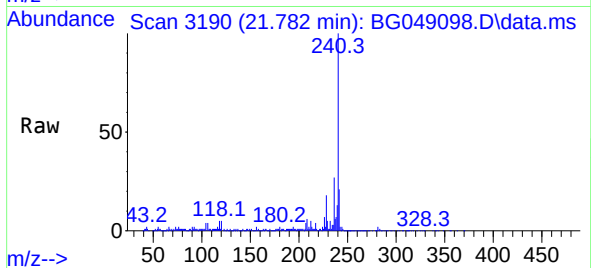
Tgt Ion:202 Resp: 304576
 Ion Ratio Lower Upper
 202 100
 101 5.5 0.0 24.7
 203 18.7 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

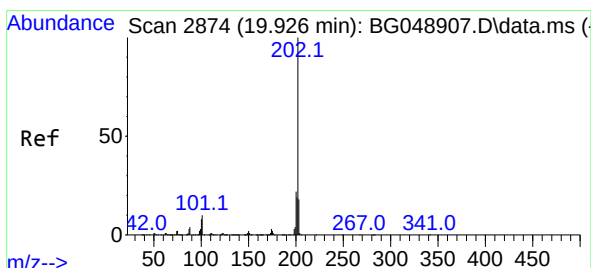
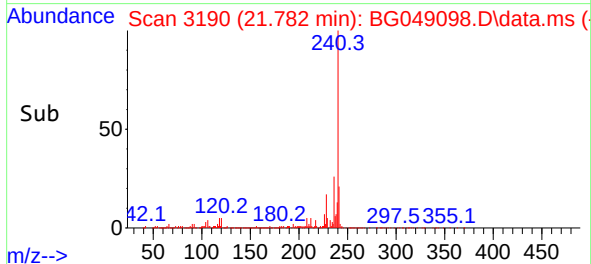
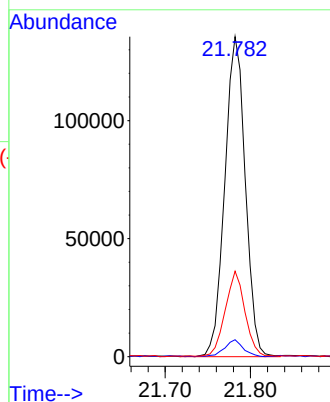
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A



Tgt Ion:240 Resp: 227006
Ion Ratio Lower Upper
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120 5.3 4.2 6.2
236 26.7 21.8 32.6

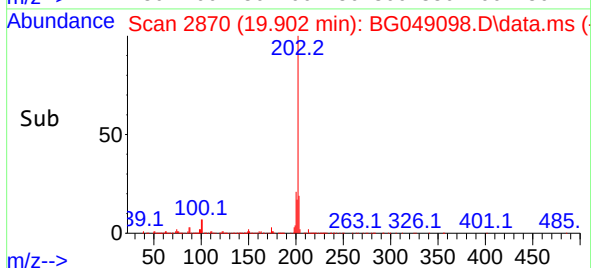
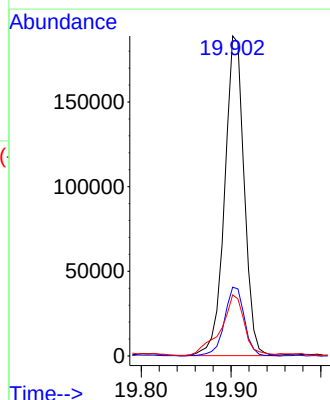
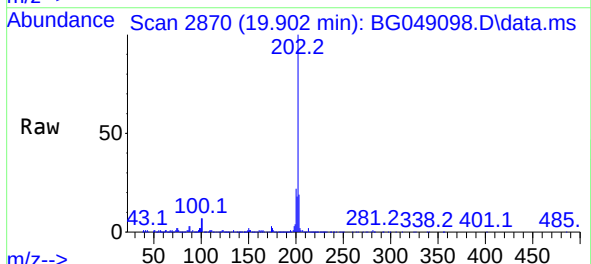
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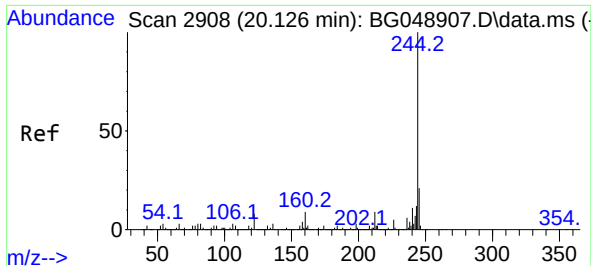
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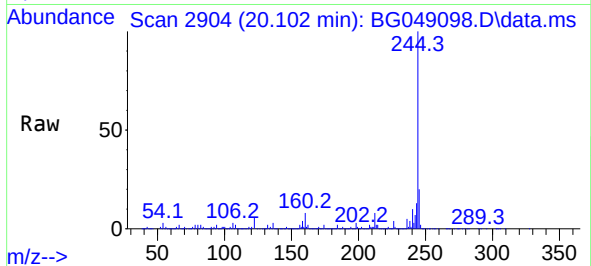
#78
Pyrene
Concen: 17.27 ng
RT: 19.902 min Scan# 2870
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt Ion:202 Resp: 284555
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 19.1 14.6 21.8

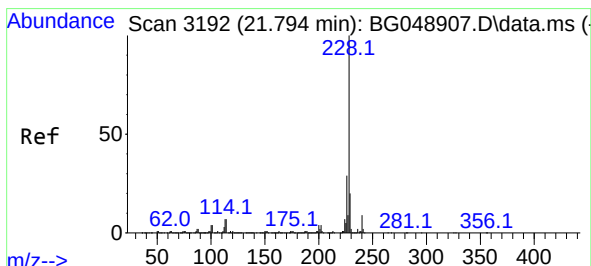
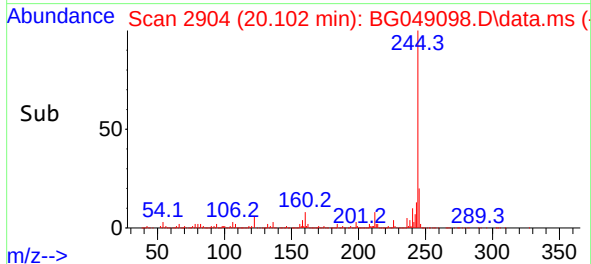
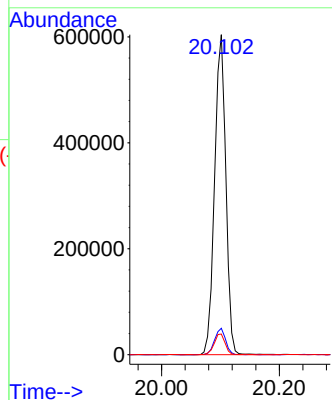




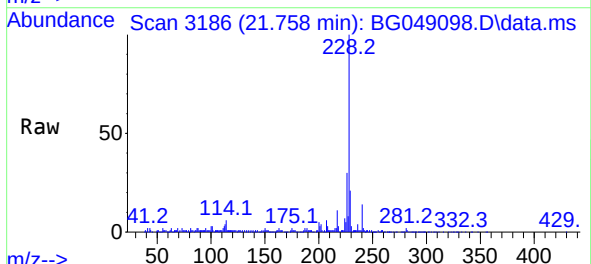
#79
Terphenyl-d14
Concen: 64.48 ng
RT: 20.102 min Scan# 2904
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



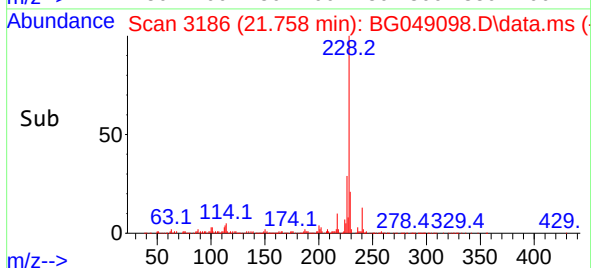
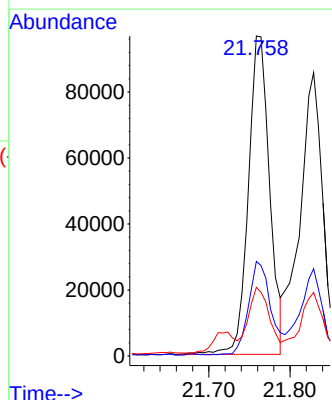
Tgt Ion:244 Resp: 799254
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.4 5.0 7.6



#81
Benzo(a)anthracene
Concen: 10.79 ng
RT: 21.758 min Scan# 3186
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



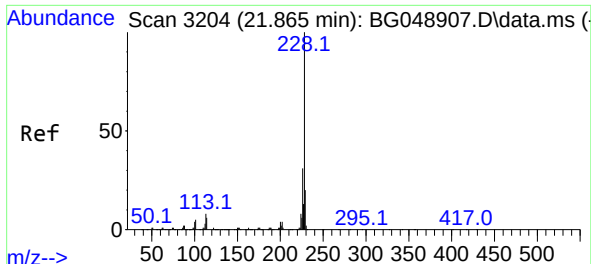
Tgt Ion:228 Resp: 175881
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.4 16.0 24.0



Instrument :
BNA_G
ClientSampleId :
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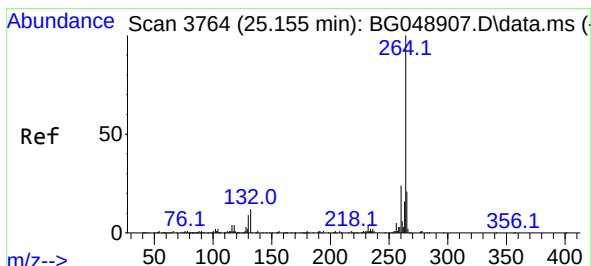
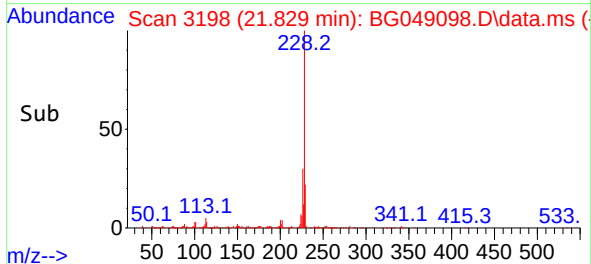
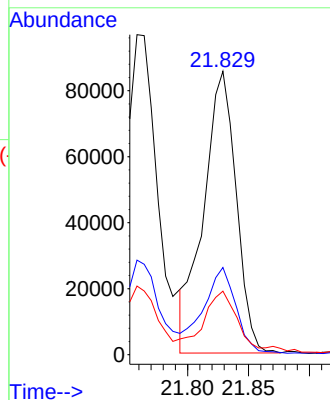
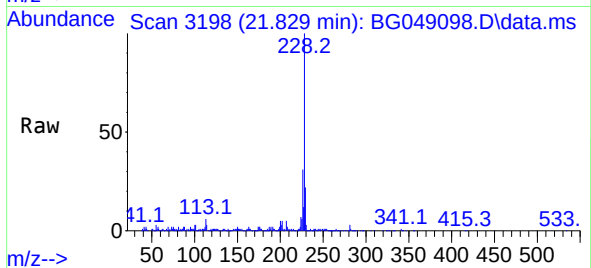
#83
Chrysene
Concen: 10.22 ng
RT: 21.829 min Scan# 3198
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt Ion:228 Resp: 159643
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 22.4 15.3 22.9

Instrument :
BNA_G
ClientSampleId :
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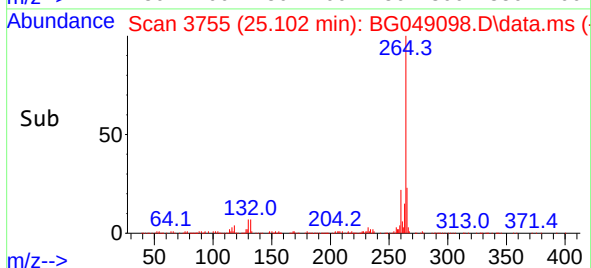
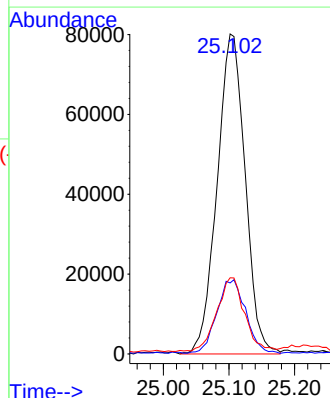
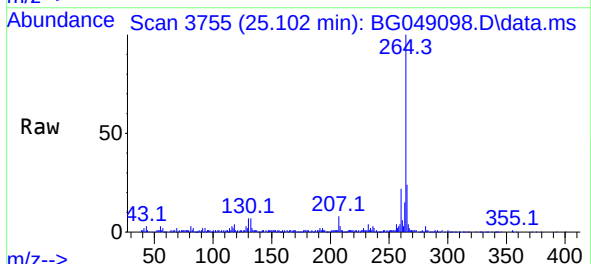
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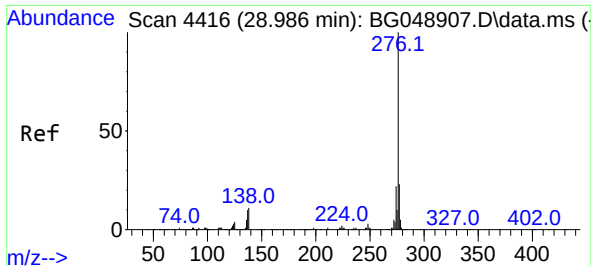
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.102 min Scan# 3755
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt Ion:264 Resp: 237509
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 23.8 16.9 25.3





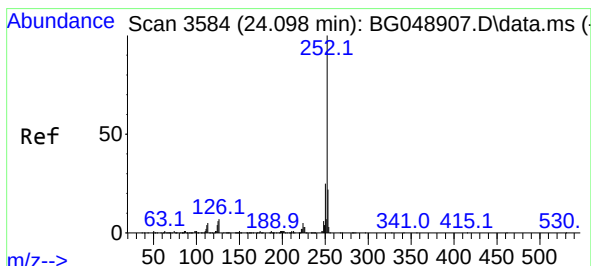
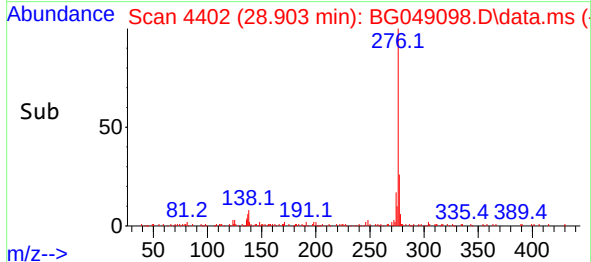
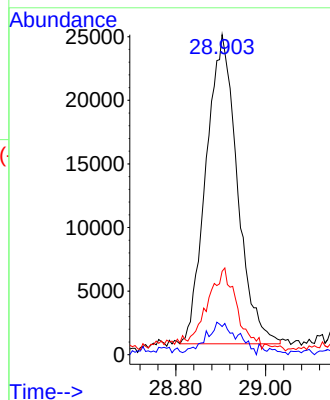
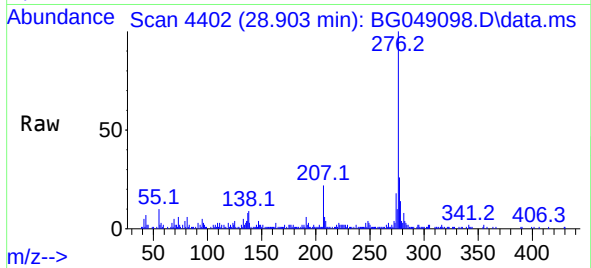
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.57 ng
RT: 28.903 min Scan# 4402
Delta R.T. -0.013 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

Tgt Ion: 276 Resp: 117493
Ion Ratio Lower Upper
276 100
138 7.5 5.1 7.7
277 21.6 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
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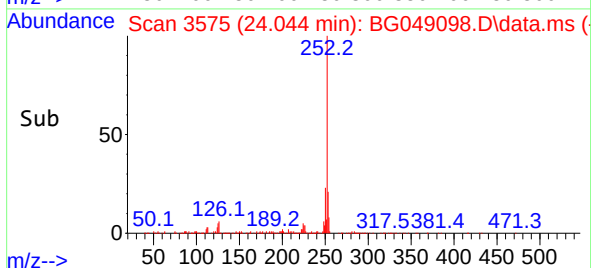
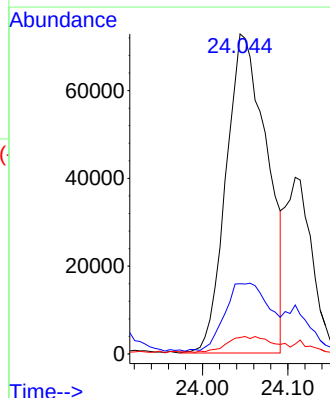
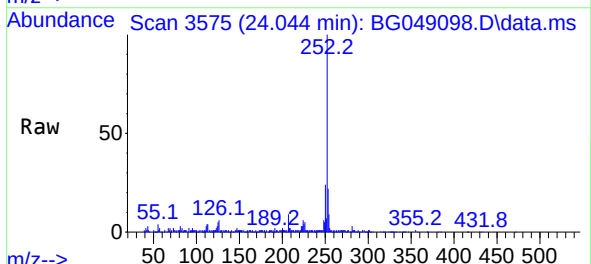
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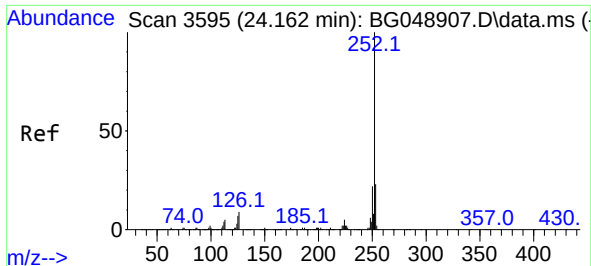
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#88
Benzo(b)fluoranthene
Concen: 14.33 ng
RT: 24.044 min Scan# 3575
Delta R.T. -0.008 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

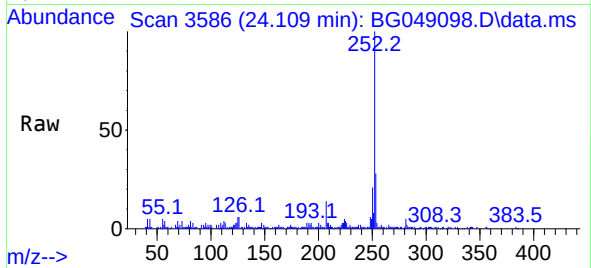
Tgt Ion: 252 Resp: 242662
Ion Ratio Lower Upper
252 100
253 21.9 16.2 24.4
125 5.2 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 5.40 ng m
RT: 24.109 min Scan# 3586
Delta R.T. -0.019 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

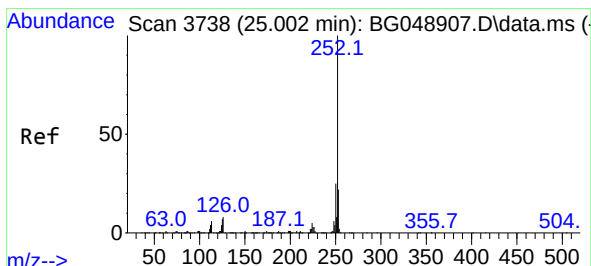
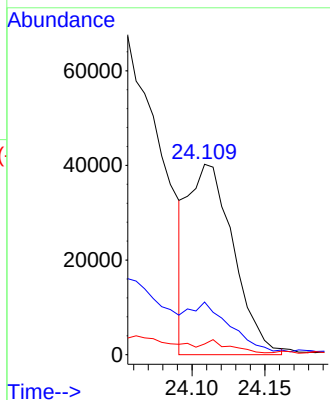
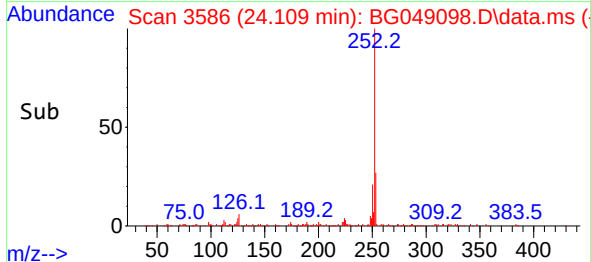
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A



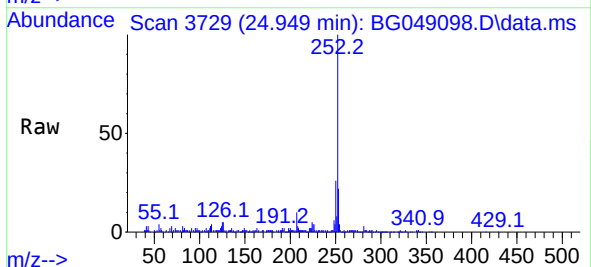
Tgt Ion:252 Resp: 86792
Ion Ratio Lower Upper
252 100
253 27.7 18.0 27.0#
125 5.6 3.1 4.7#

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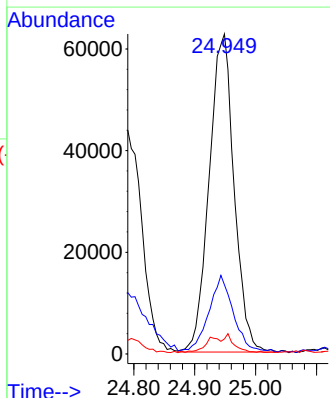
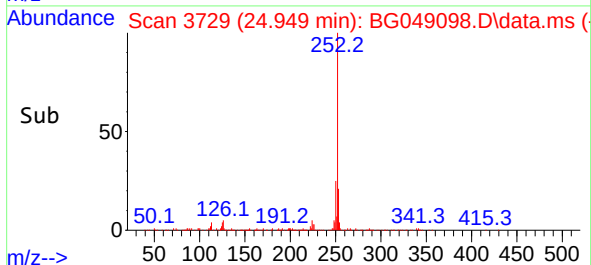
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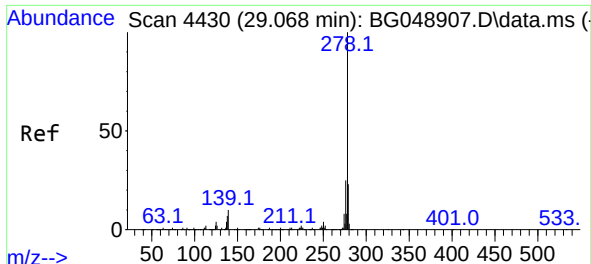


#90
Benzo(a)pyrene
Concen: 11.53 ng
RT: 24.949 min Scan# 3729
Delta R.T. -0.002 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



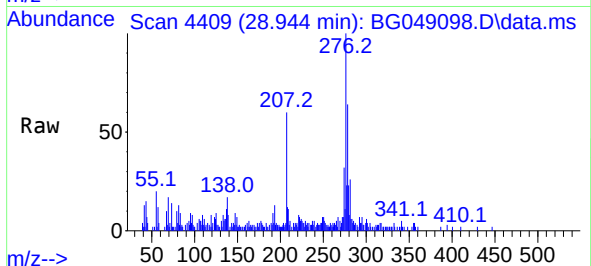
Tgt Ion:252 Resp: 178170
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 4.7 3.5 5.3





#91
Dibenzo(a,h)anthracene
Concen: 2.22 ng m
RT: 28.944 min Scan# 4409
Delta R.T. -0.043 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04

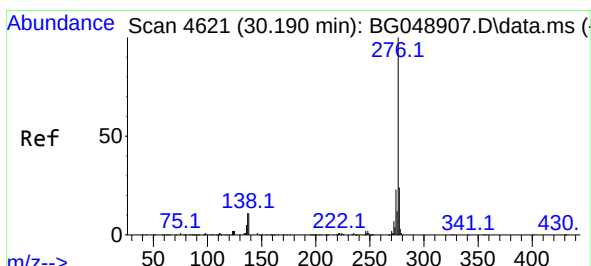
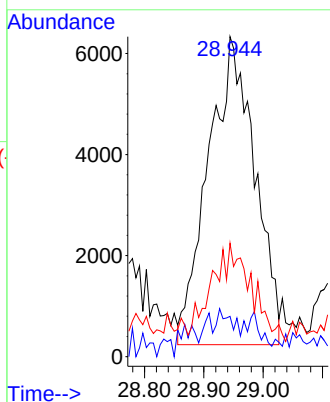
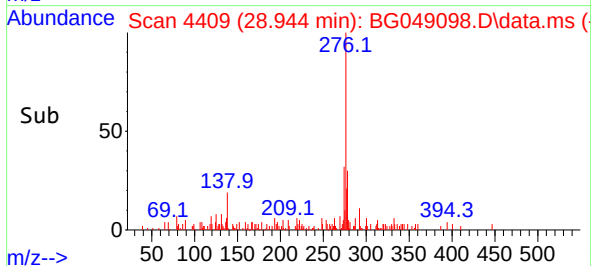
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2A



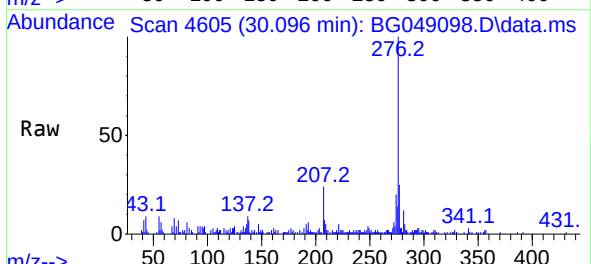
Tgt Ion:278 Resp: 33114
Ion Ratio Lower Upper
278 100
139 12.6 4.6 6.8#
279 35.5 17.9 26.9#

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#92
Benzo(g,h,i)perylene
Concen: 7.60 ng
RT: 30.096 min Scan# 4605
Delta R.T. -0.013 min
Lab File: BG049098.D
Acq: 25 Jun 2021 20:04



Tgt Ion:276 Resp: 114424
Ion Ratio Lower Upper
276 100
277 24.9 18.4 27.6
138 7.4 7.0 10.6

