

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049102.D
 Acq On : 25 Jun 2021 22:48
 Operator : CG/JU
 Sample : M2829-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 26 01:35:31 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	8.107	152	41968	20.00	ng	# 0.00
21) Naphthalene-d8	10.928	136	166053	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	112566	20.00	ng	0.00
64) Phenanthrene-d10	17.496	188	228617	20.00	ng	# 0.00
76) Chrysene-d12	21.785	240	207575	20.00	ng	0.00
86) Perylene-d12	25.117	264	211611	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	213837	79.32	ng	0.00
7) Phenol-d6	7.261	99	281566	69.68	ng	0.00
23) Nitrobenzene-d5	9.277	82	204111	53.00	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	141417	84.80	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	455751	57.20	ng	0.00
79) Terphenyl-d14	20.099	244	627998	55.41	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.537	178	60663	4.72	ng	96
75) Fluoranthene	19.547	202	166176	10.71	ng	99
78) Pyrene	19.905	202	158654	10.53	ng	99
81) Benzo(a)anthracene	21.768	228	95001	6.37	ng	98
83) Chrysene	21.832	228	91364	6.39	ng	96
87) Indeno(1,2,3-cd)pyrene	28.918	276	56502m	3.55	ng	
88) Benzo(b)fluoranthene	24.059	252	145958	9.68	ng	# 87
89) Benzo(k)fluoranthene	24.112	252	46150m	3.22	ng	
90) Benzo(a)pyrene	24.958	252	100844	7.32	ng	# 95
92) Benzo(g,h,i)perylene	30.099	276	47910	3.57	ng	# 90

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

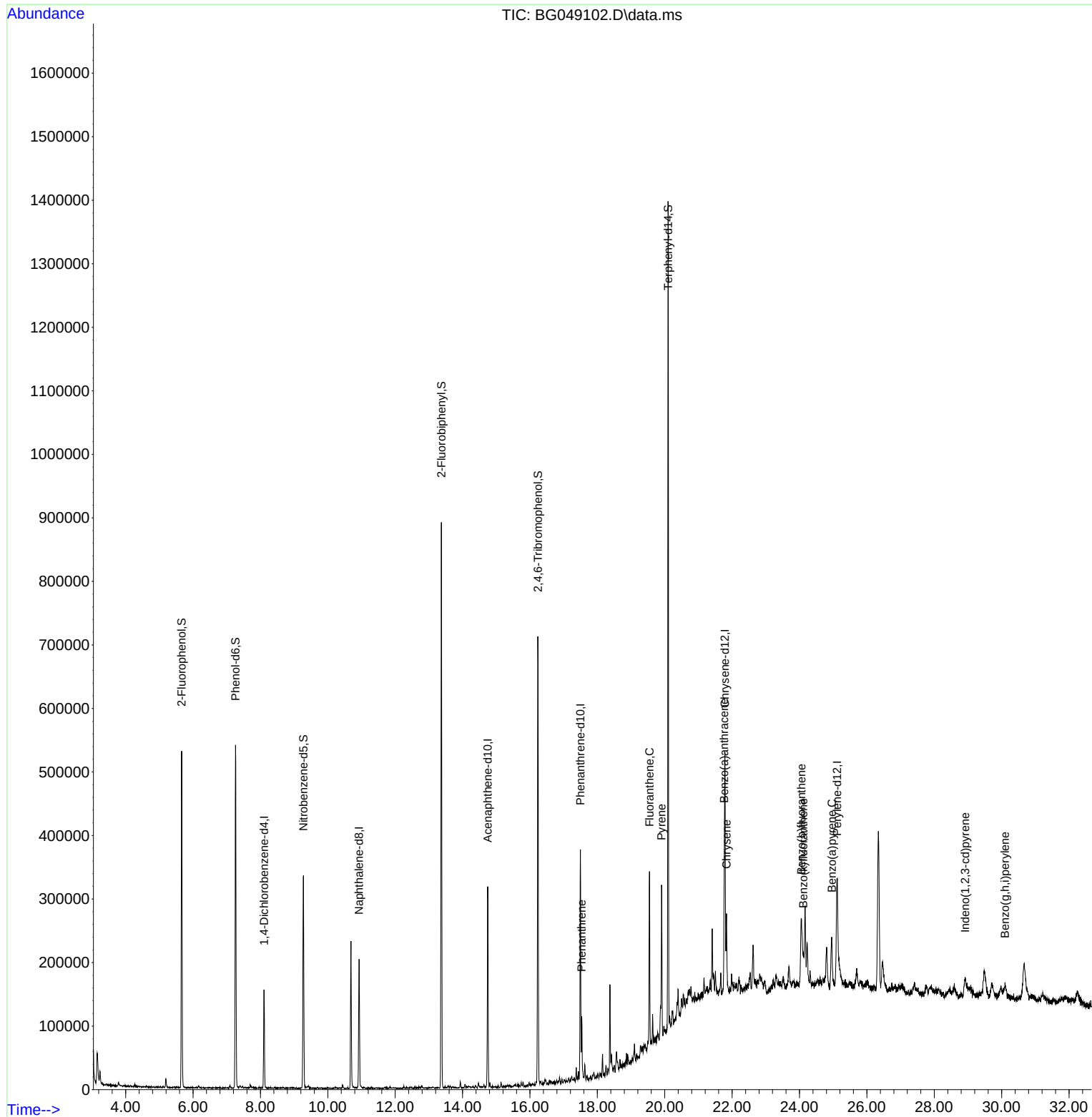
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Data File : BG049102.D
Acq On : 25 Jun 2021 22:48
Operator : CG/JU
Sample : M2829-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

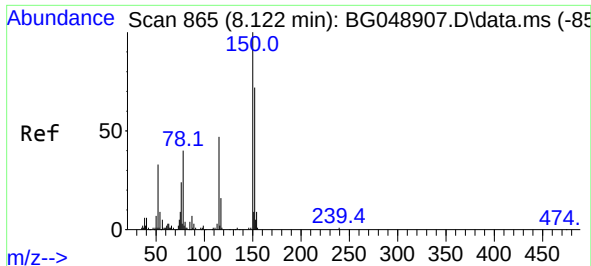
Instrument :
BNA_G
ClientSampleId :
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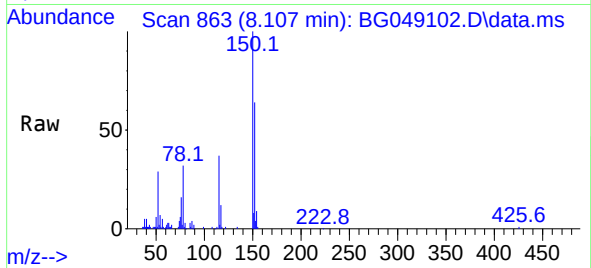
Quant Time: Jun 26 01:35:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.107 min Scan# 863
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

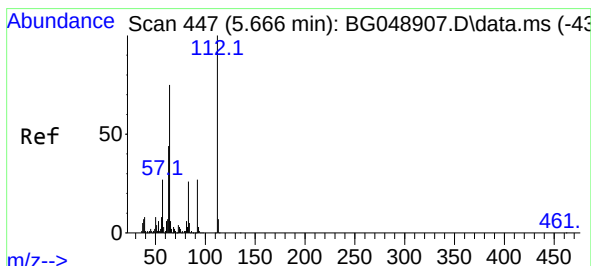
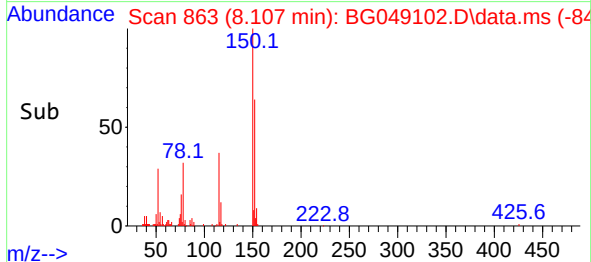
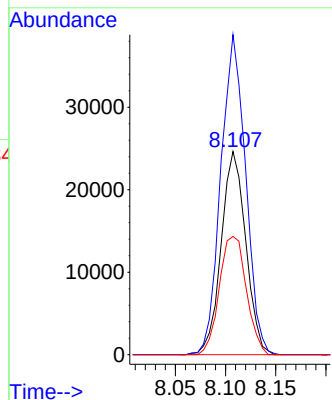
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2B



Tgt Ion:152 Resp: 41968
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 58.2 60.2 90.4#

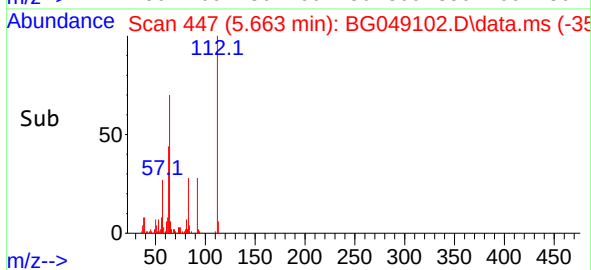
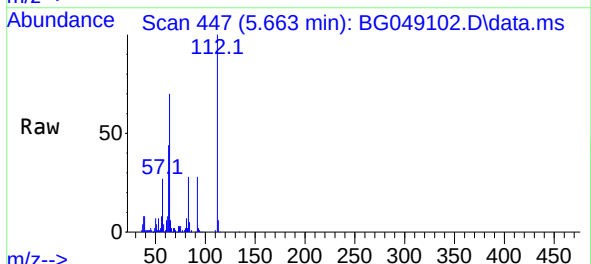
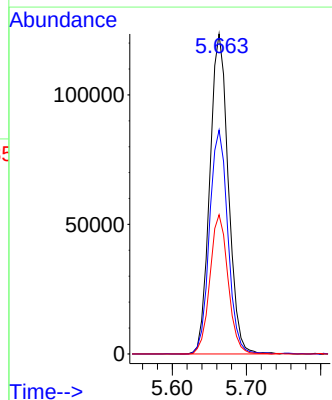
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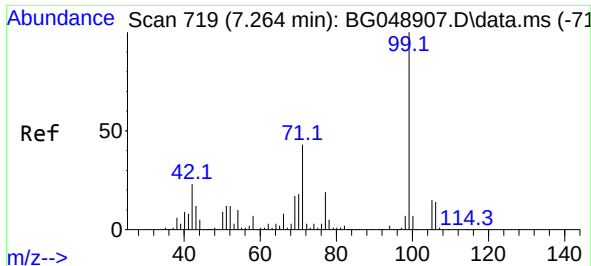
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#5
2-Fluorophenol
Concen: 79.32 ng
RT: 5.663 min Scan# 447
Delta R.T. 0.008 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:112 Resp: 213837
Ion Ratio Lower Upper
112 100
64 70.0 46.7 70.1
63 43.5 35.3 52.9





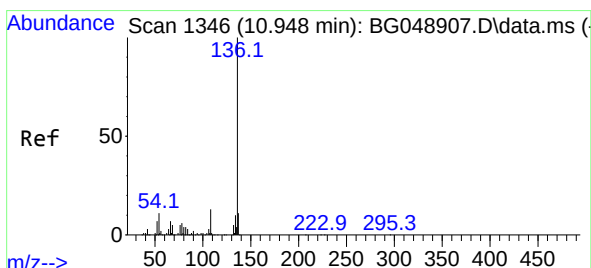
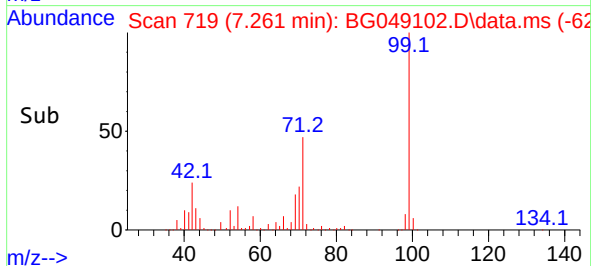
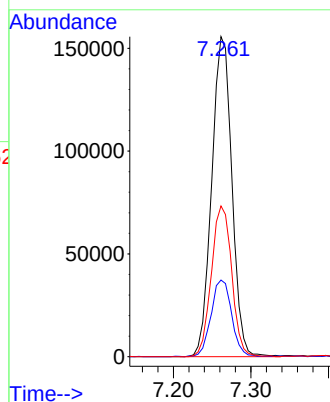
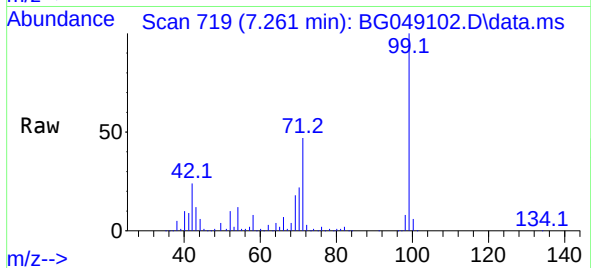
#7
Phenol-d6
Concen: 69.68 ng
RT: 7.261 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion: 99	Resp: 281566
Ion Ratio	Lower Upper
99 100	
42 24.0	20.5 30.7
71 47.1	41.5 62.3

Instrument :
BNA_G
ClientSampleId :
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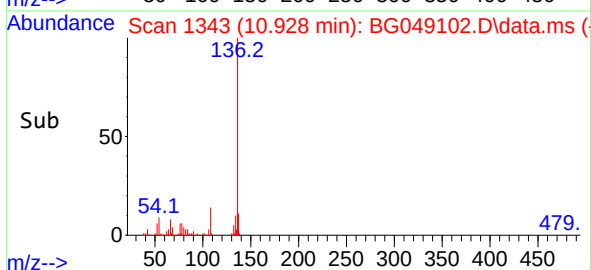
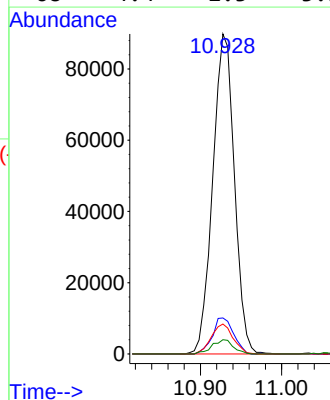
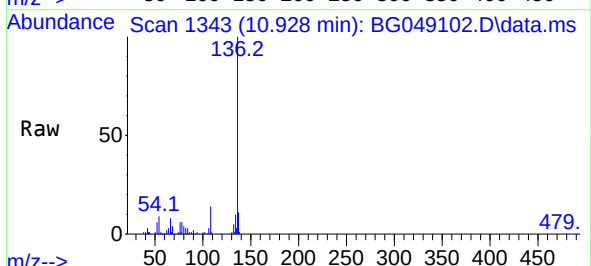
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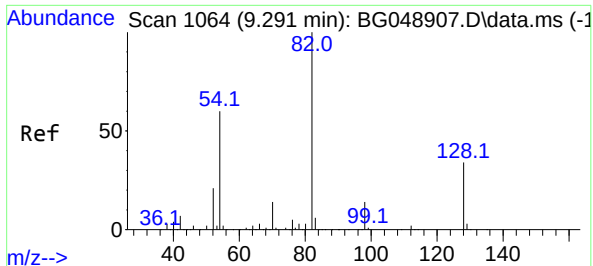
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1343
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt	Ion:136	Resp:	166053
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	9.4	5.5	8.3#
68	4.4	2.3	3.5#





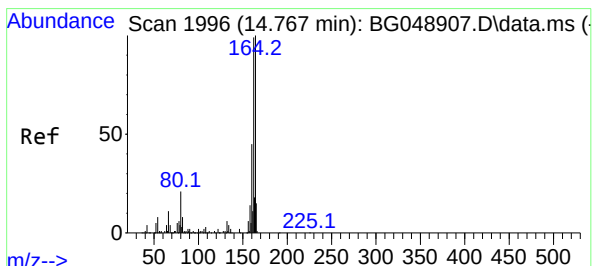
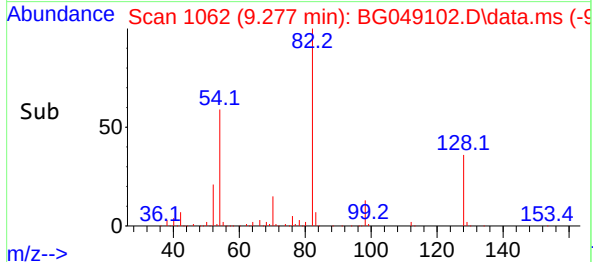
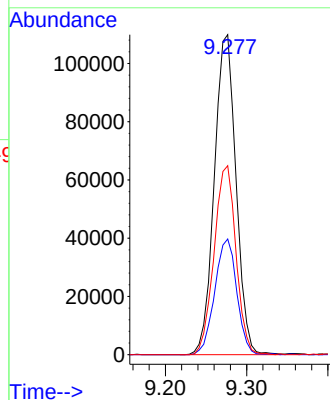
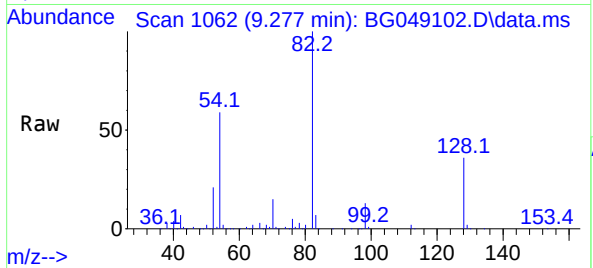
#23
Nitrobenzene-d5
Concen: 53.00 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion: 82 Resp: 204111
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 59.1 45.8 68.8

Instrument :
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ClientSampleId :
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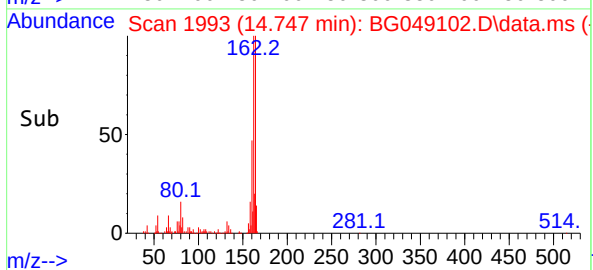
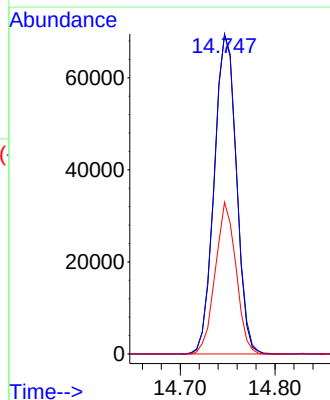
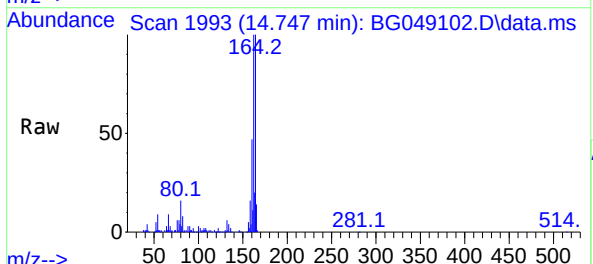
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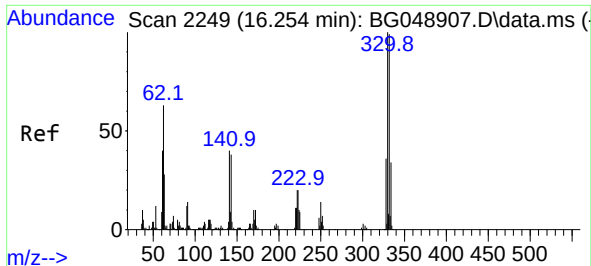
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

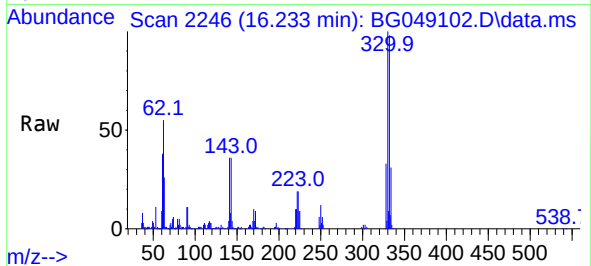
Tgt Ion:164 Resp: 112566
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 47.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 84.80 ng
RT: 16.233 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

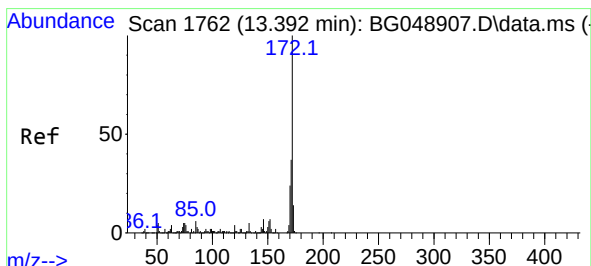
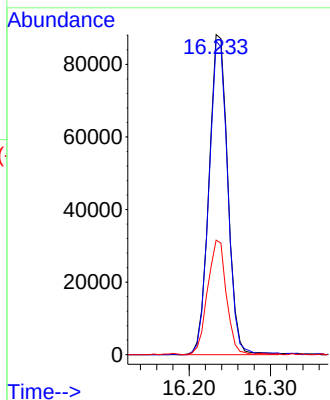
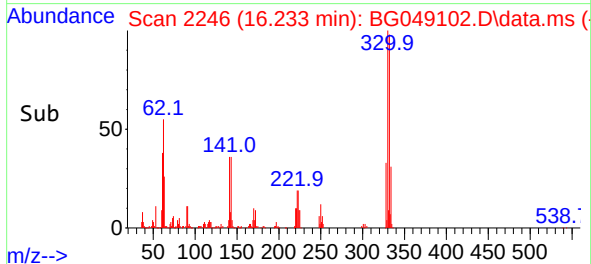
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2B



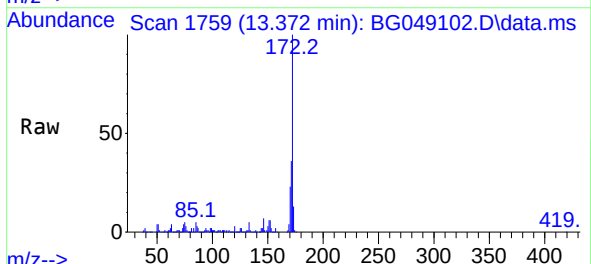
Tgt Ion:330 Resp: 141417
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.7 35.6 53.4

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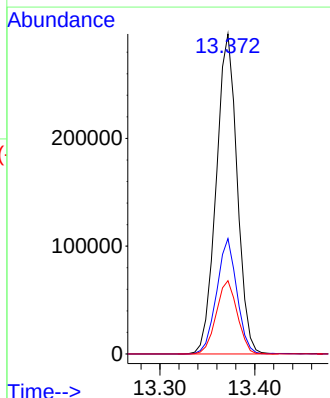
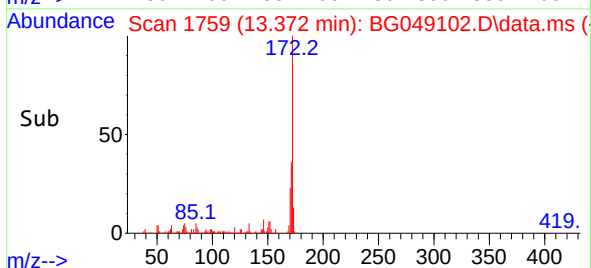
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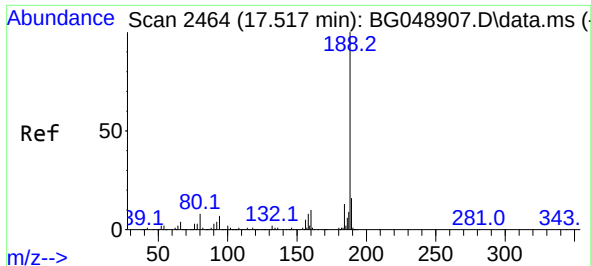


#45
2-Fluorobiphenyl
Concen: 57.20 ng
RT: 13.372 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48



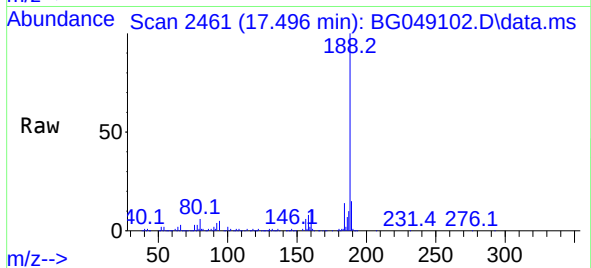
Tgt Ion:172 Resp: 455751
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 22.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.496 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

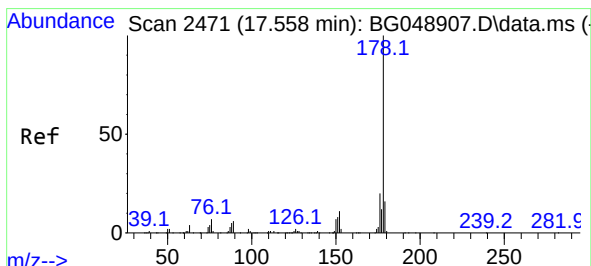
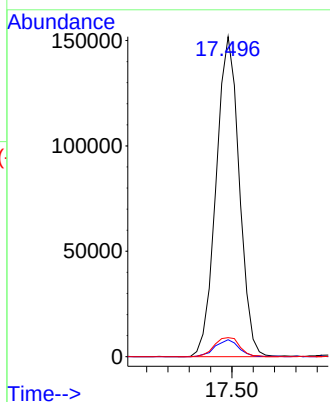
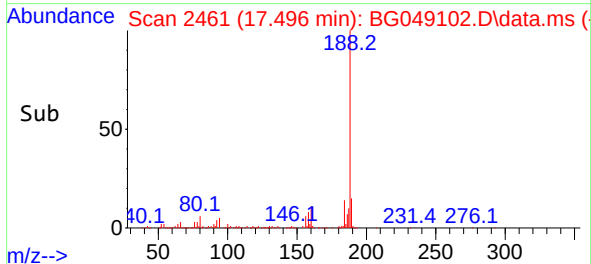
Instrument :
BNA_G
ClientSampleId :
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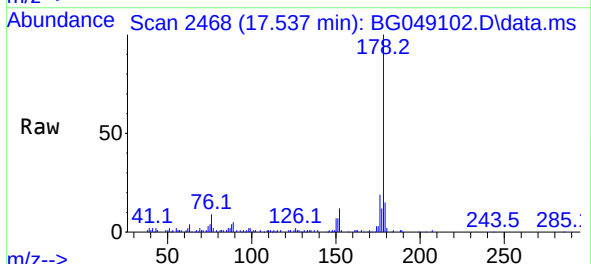
Tgt Ion:188 Resp: 228617
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 5.9 3.7 5.5#

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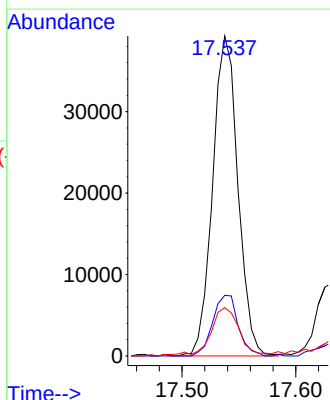
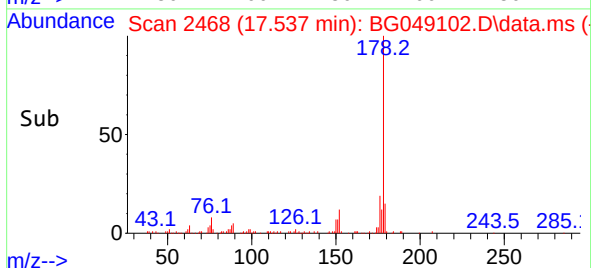
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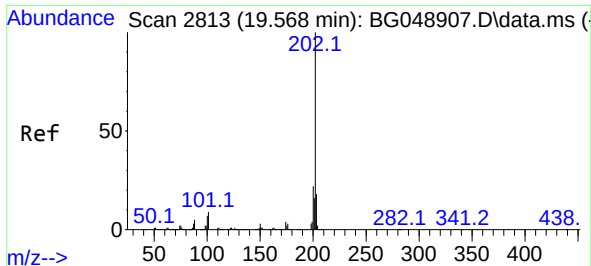


#71
Phenanthrene
Concen: 4.72 ng
RT: 17.537 min Scan# 2468
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

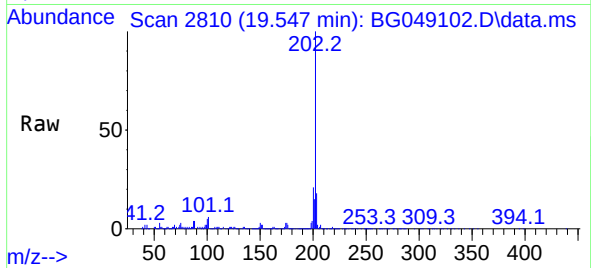


Tgt Ion:178 Resp: 60663
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.1 14.2 21.4

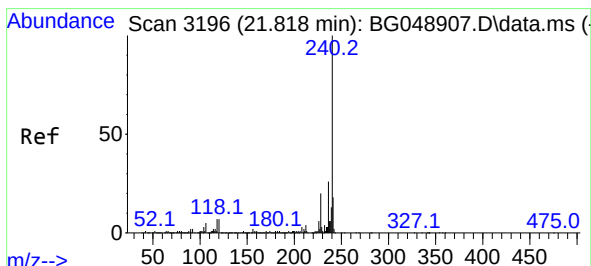
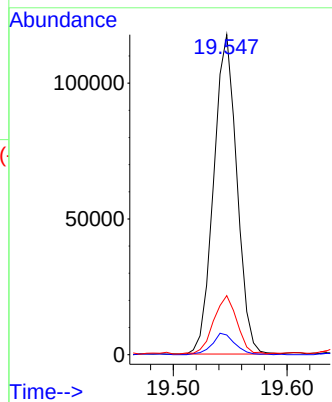
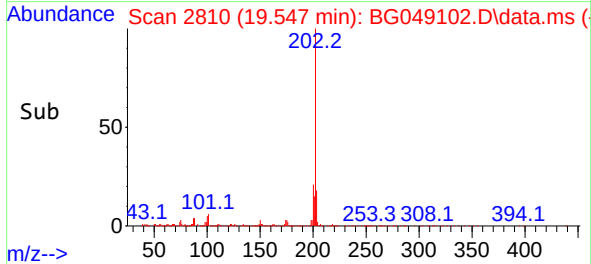




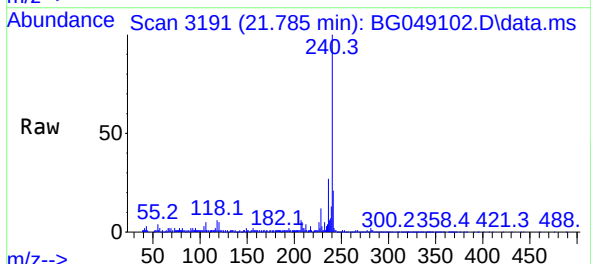
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Fluoranthene
Concen: 10.71 ng
RT: 19.547 min Scan# 2810
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48



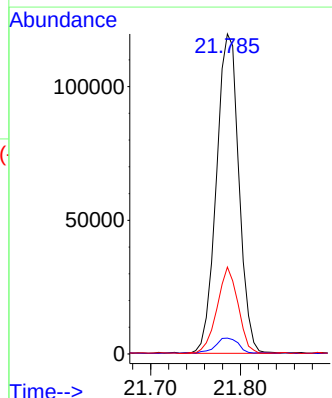
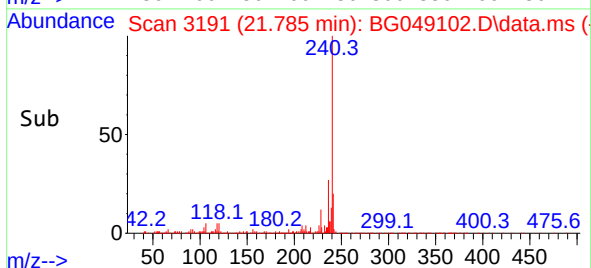
Tgt Ion:202 Resp: 166176
Ion Ratio Lower Upper
202 100
101 6.2 0.0 24.7
203 18.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.785 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48



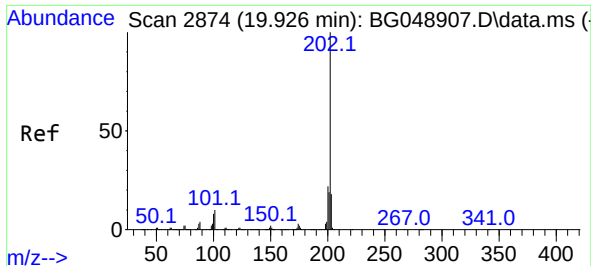
Tgt Ion:240 Resp: 207575
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 27.2 21.8 32.6



Instrument :
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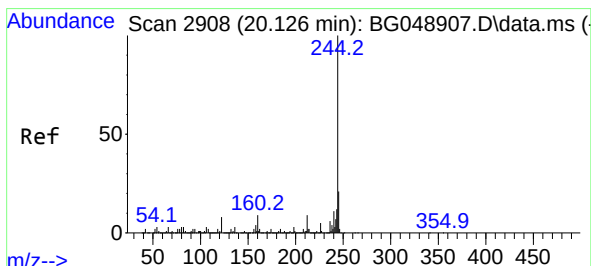
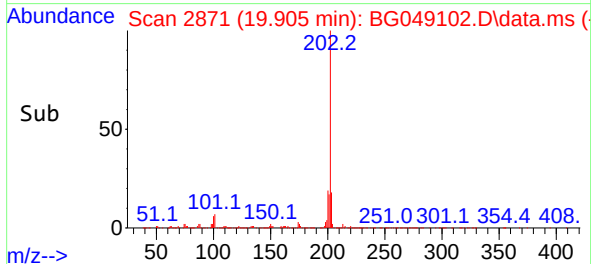
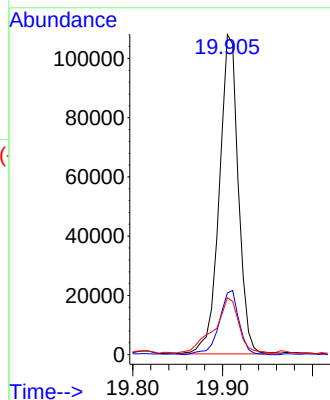
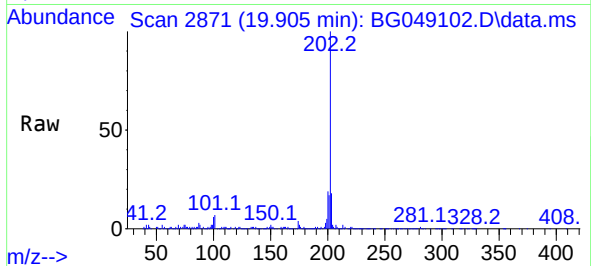
#78
Pyrene
Concen: 10.53 ng
RT: 19.905 min Scan# 2871
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:	202	Resp:	158654
Ion Ratio	Lower	Upper	
202	100		
200	19.3	15.8	23.8
203	17.8	14.6	21.8

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

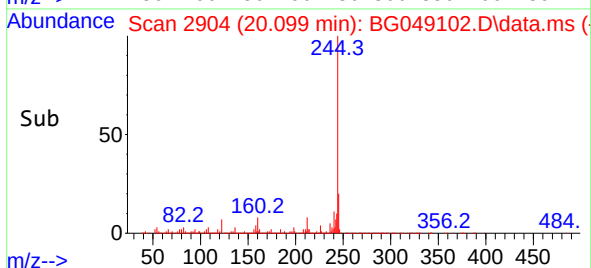
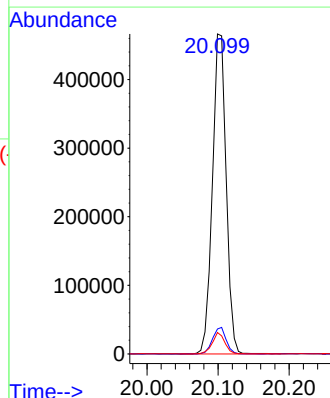
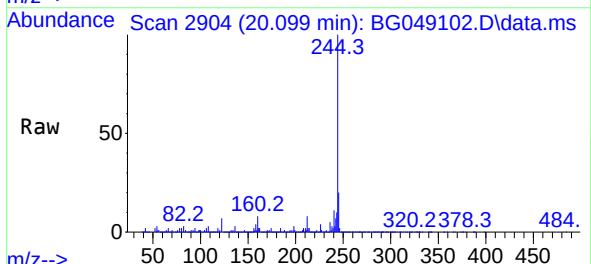
Manual Integrations
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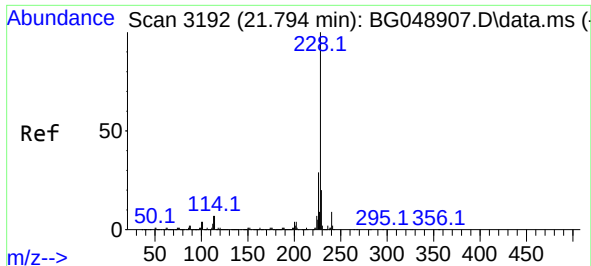
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#79
Terphenyl-d14
Concen: 55.41 ng
RT: 20.099 min Scan# 2904
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:	244	Resp:	627998
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.9	10.3
122	6.7	5.0	7.6





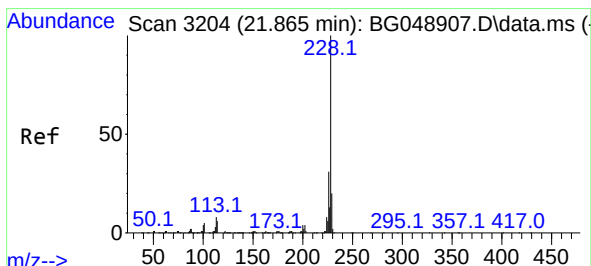
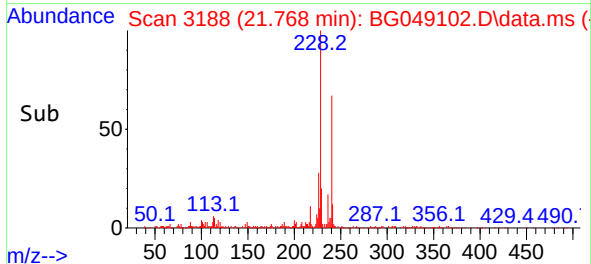
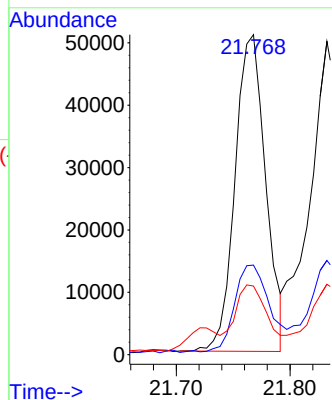
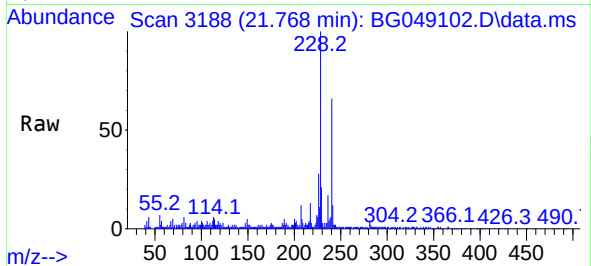
#81
Benzo(a)anthracene
Concen: 6.37 ng
RT: 21.768 min Scan# 3188
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:	228	Resp:	95001
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	21.4	16.0	24.0

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

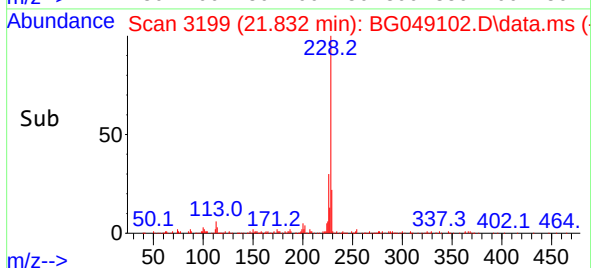
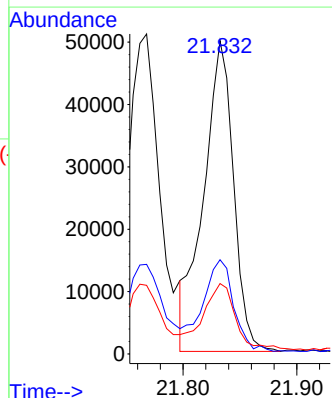
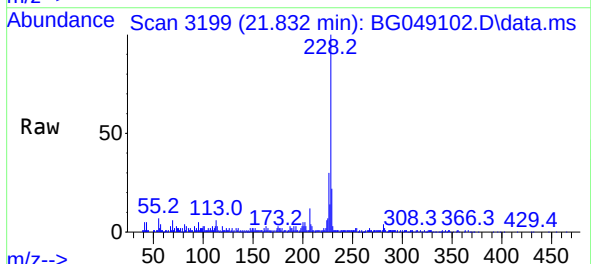
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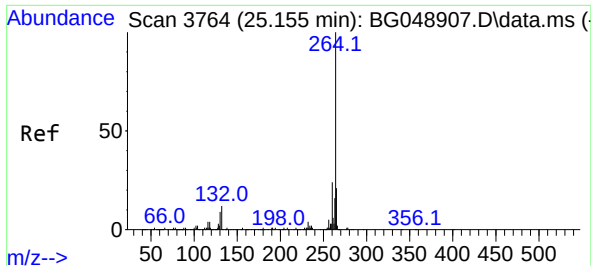
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#83
Chrysene
Concen: 6.39 ng
RT: 21.832 min Scan# 3199
Delta R.T. -0.004 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:	228	Resp:	91364
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.1	34.7
229	22.5	15.3	22.9





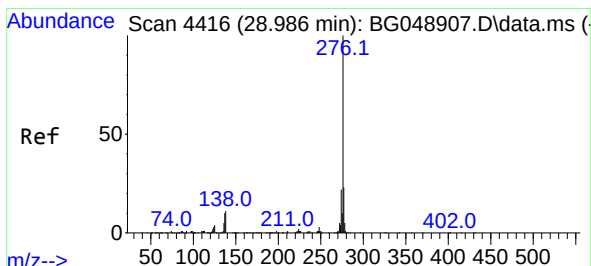
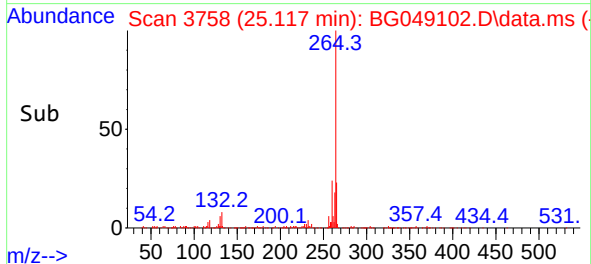
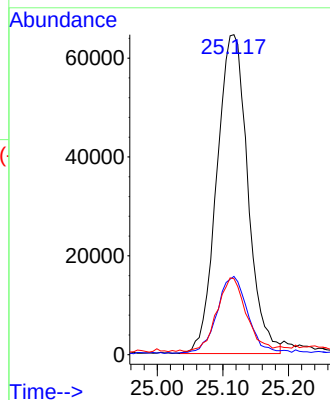
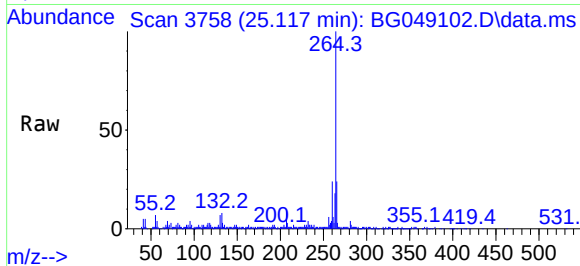
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.117 min Scan# 3758
Delta R.T. 0.014 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

Tgt Ion:	264	Resp:	211611
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	23.8	16.9	25.3

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

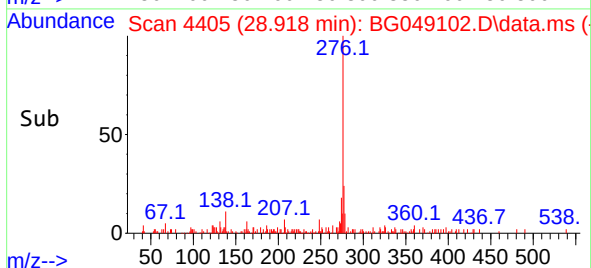
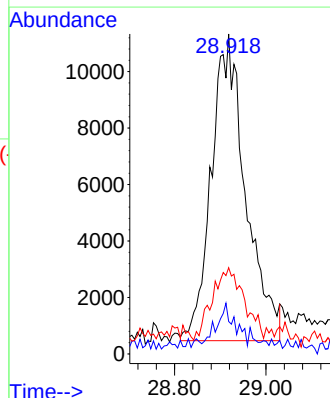
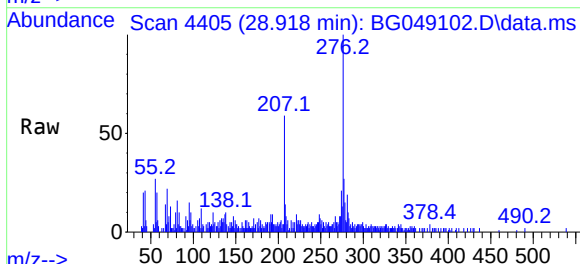
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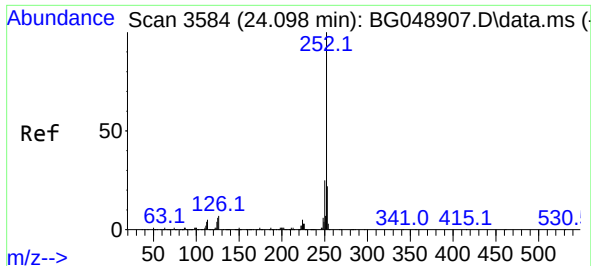
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng m
RT: 28.918 min Scan# 4405
Delta R.T. 0.002 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

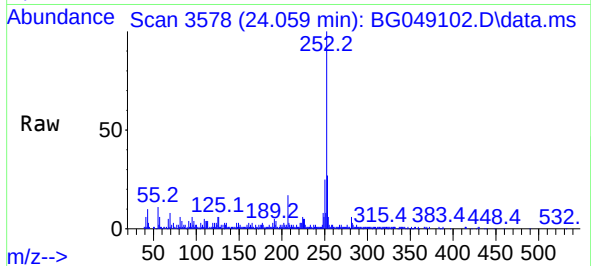
Tgt Ion:	276	Resp:	56502
Ion Ratio	Lower	Upper	
276	100		
138	7.6	5.1	7.7
277	22.0	19.8	29.6





#88
Benzo(b)fluoranthene
Concen: 9.68 ng
RT: 24.059 min Scan# 3578
Delta R.T. 0.008 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

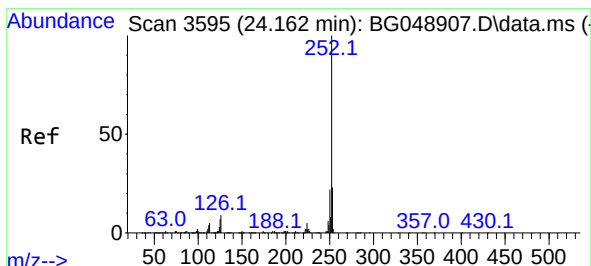
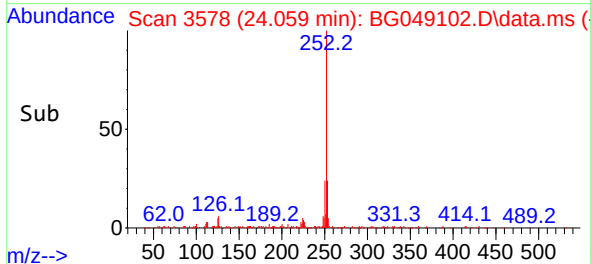
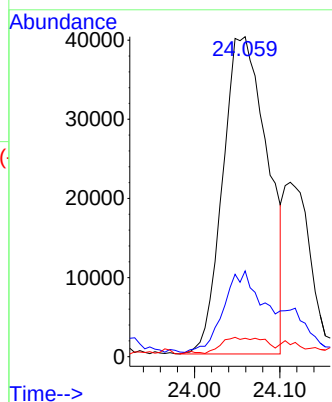
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2B



Tgt Ion:252 Resp: 145958
Ion Ratio Lower Upper
252 100
253 26.8 16.2 24.4#
125 5.8 3.0 4.4#

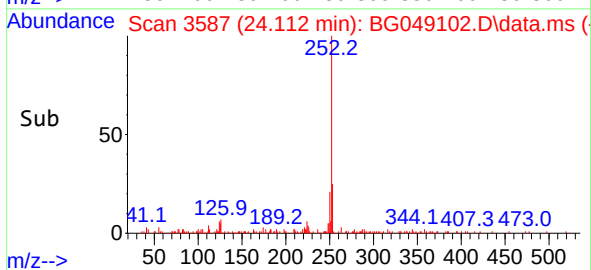
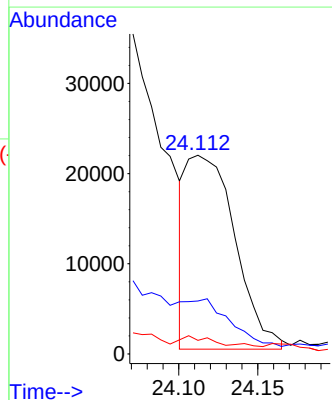
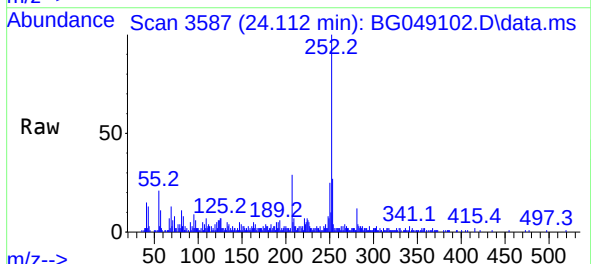
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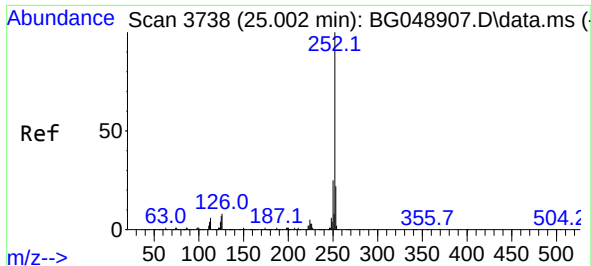
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#89
Benzo(k)fluoranthene
Concen: 3.22 ng m
RT: 24.112 min Scan# 3587
Delta R.T. -0.016 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

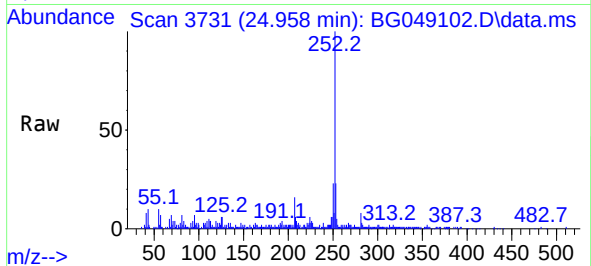
Tgt Ion:252 Resp: 46150
Ion Ratio Lower Upper
252 100
253 26.7 18.0 27.0
125 6.9 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 7.32 ng
RT: 24.958 min Scan# 3731
Delta R.T. 0.008 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48

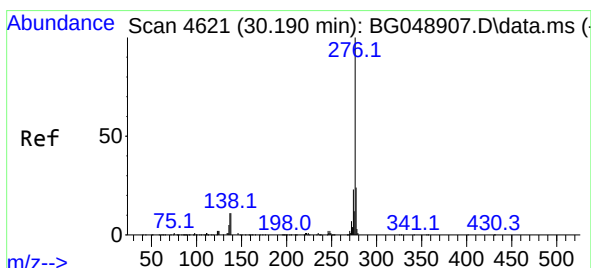
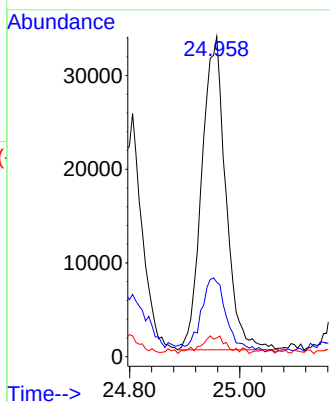
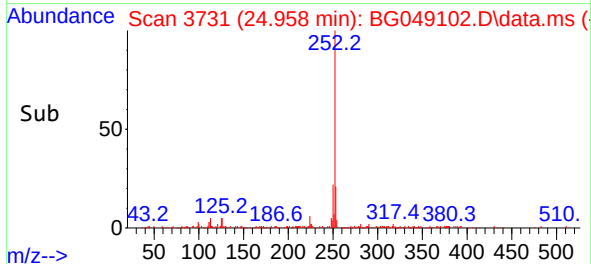
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-2B



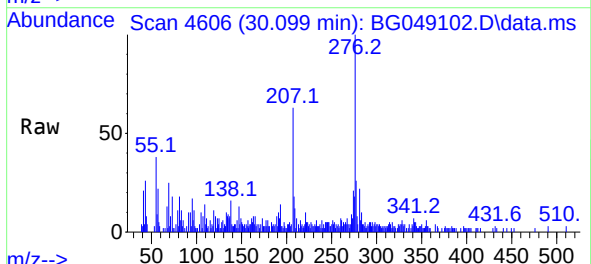
Tgt Ion:252 Resp: 100844
Ion Ratio Lower Upper
252 100
253 23.3 16.6 25.0
125 5.9 3.5 5.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 30.099 min Scan# 4606
Delta R.T. -0.010 min
Lab File: BG049102.D
Acq: 25 Jun 2021 22:48



Tgt Ion:276 Resp: 47910
Ion Ratio Lower Upper
276 100
277 25.9 18.4 27.6
138 16.0 7.0 10.6#

