

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049099.D
 Acq On : 25 Jun 2021 20:45
 Operator : CG/JU
 Sample : M2829-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 26 01:33:59 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	44763	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	173728	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	119990	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	243275	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	223548	20.00	ng	0.00
86) Perylene-d12	25.106	264	235571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	193146	67.17	ng	0.00
7) Phenol-d6	7.262	99	252777	58.65	ng	0.00
23) Nitrobenzene-d5	9.272	82	184211	45.72	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	128671	72.38	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	406179	47.82	ng	0.00
79) Terphenyl-d14	20.100	244	580625	47.57	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.539	178	52684	3.85	ng	95
75) Fluoranthene	19.542	202	153259	9.28	ng	95
78) Pyrene	19.906	202	147365	9.08	ng	99
81) Benzo(a)anthracene	21.757	228	104373	6.50	ng	93
83) Chrysene	21.828	228	89589	5.82	ng	95
87) Indeno(1,2,3-cd)pyrene	28.908	276	60747	3.43	ng	# 97
88) Benzo(b)fluoranthene	24.049	252	137778	8.20	ng	# 94
89) Benzo(k)fluoranthene	24.107	252	40869m	2.57	ng	
90) Benzo(a)pyrene	24.942	252	99756	6.51	ng	# 96
92) Benzo(g,h,i)perylene	30.089	276	55148	3.69	ng	# 89

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

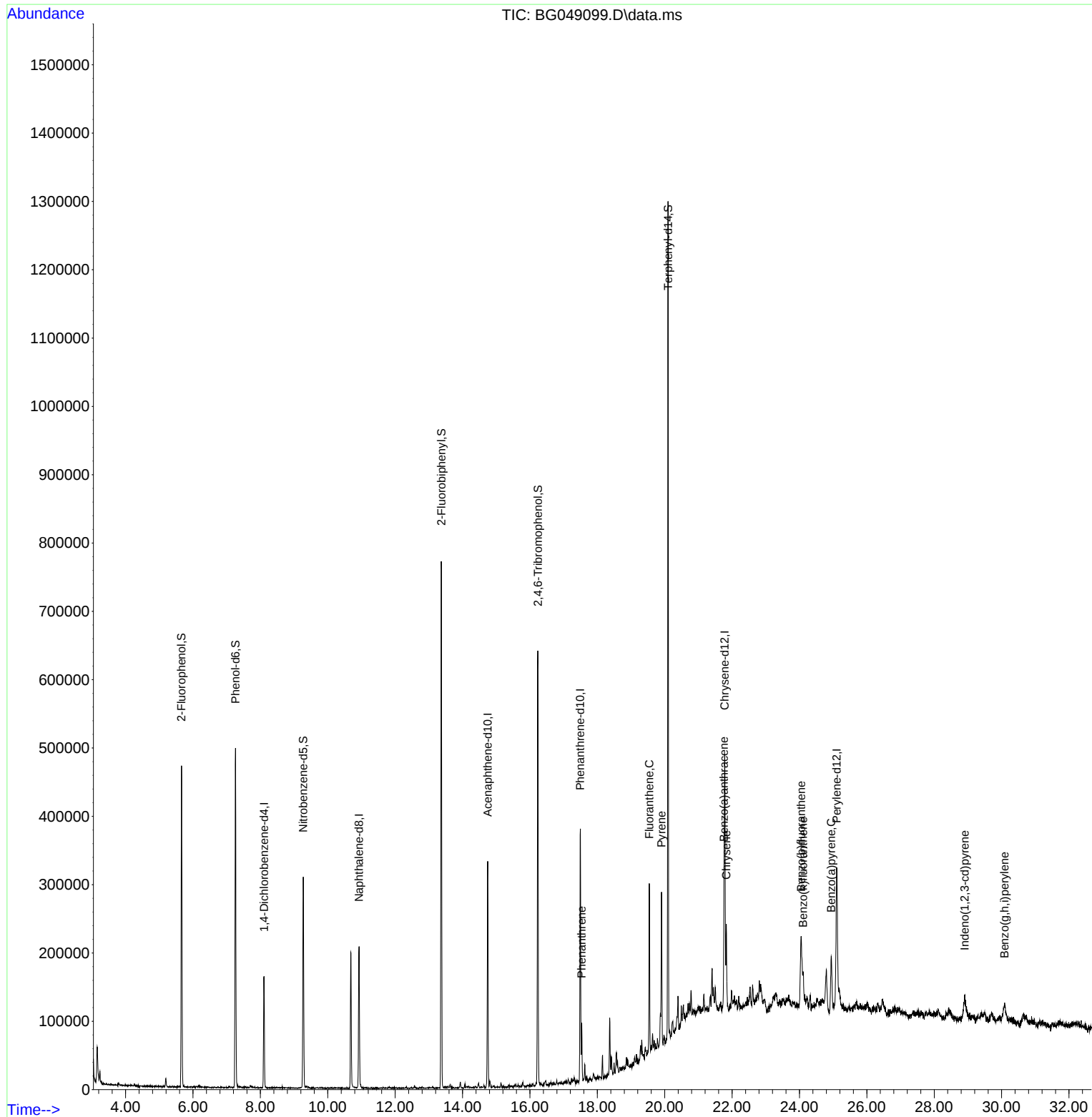
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Data File : BG049099.D
Acq On : 25 Jun 2021 20:45
Operator : CG/JU
Sample : M2829-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
15B-STOCKPILE-3A

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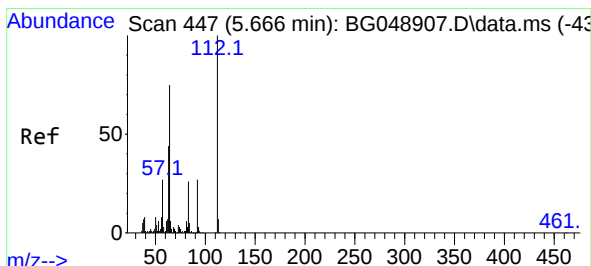
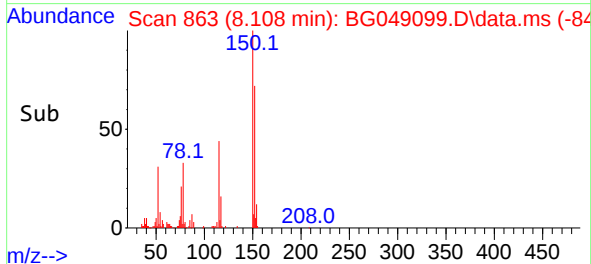
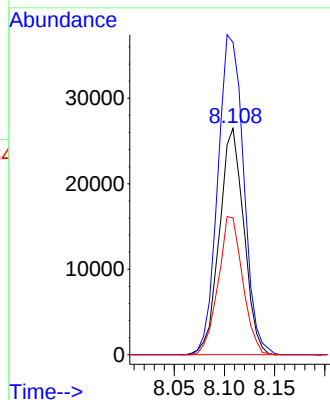
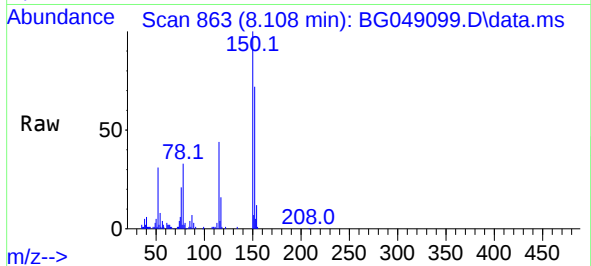
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:152 Resp: 44763
Ion Ratio Lower Upper
152 100
150 137.9 119.4 179.0
115 60.4 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
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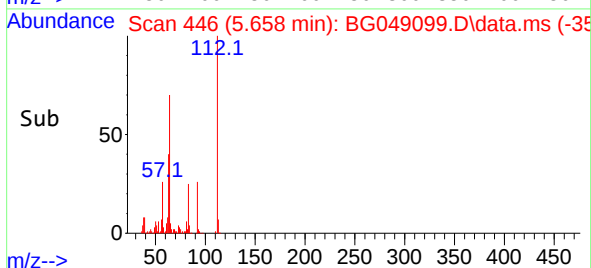
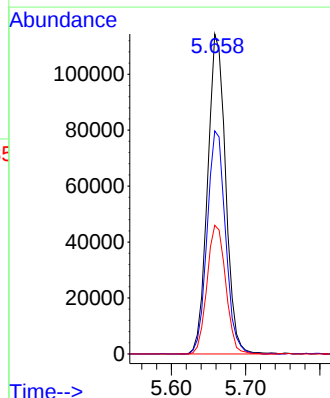
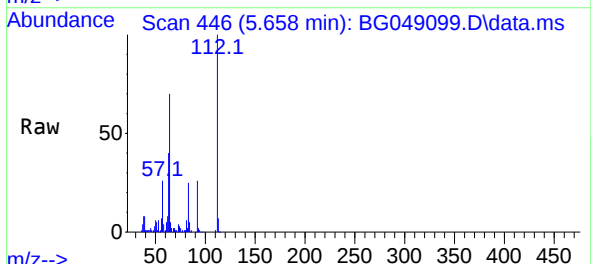
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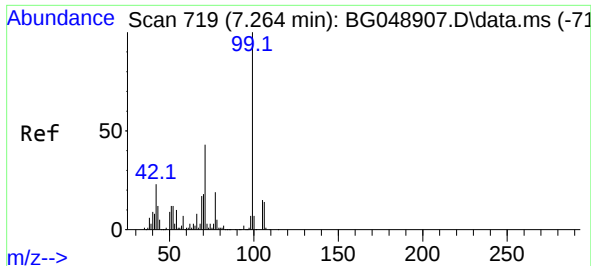
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#5
2-Fluorophenol
Concen: 67.17 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:112 Resp: 193146
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 40.2 35.3 52.9





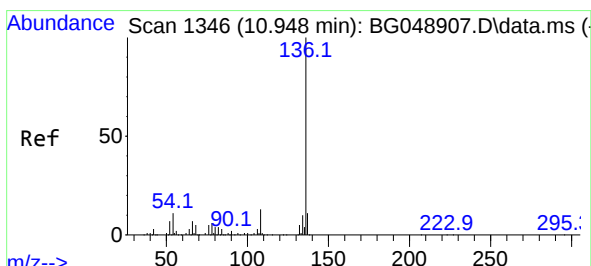
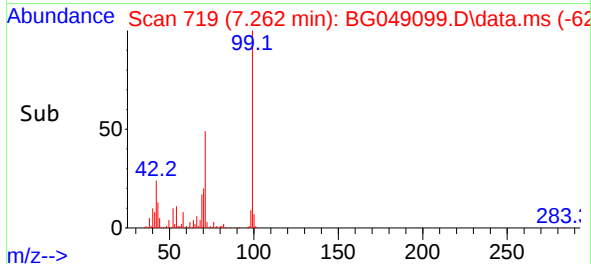
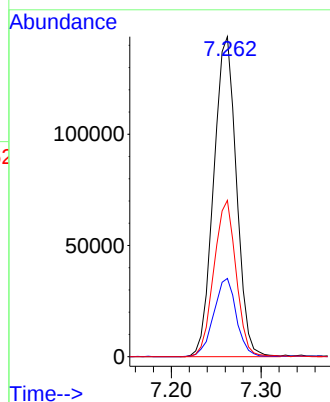
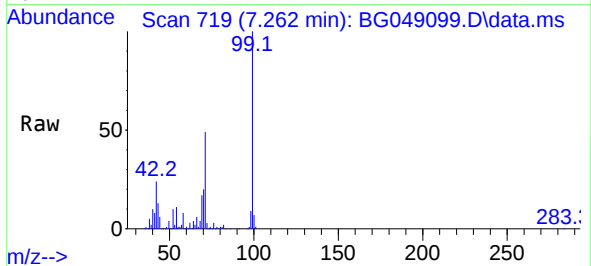
#7
Phenol-d6
Concen: 58.65 ng
RT: 7.262 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:	99	Resp:	252777
Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.5	30.7
71	48.9	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
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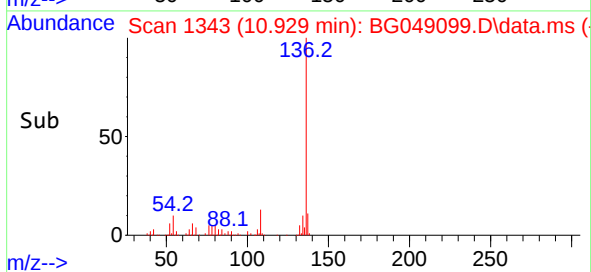
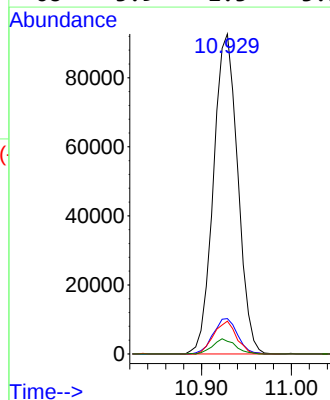
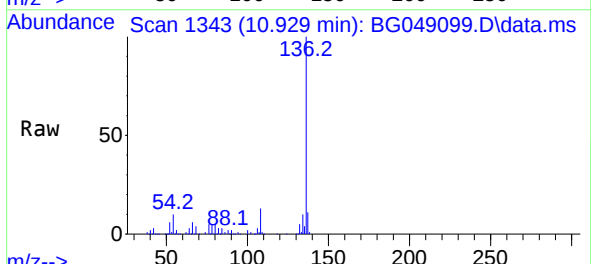
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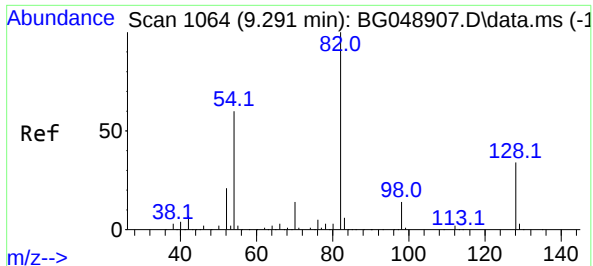
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:	136	Resp:	173728
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	10.2	5.5	8.3#
68	3.9	2.3	3.5#





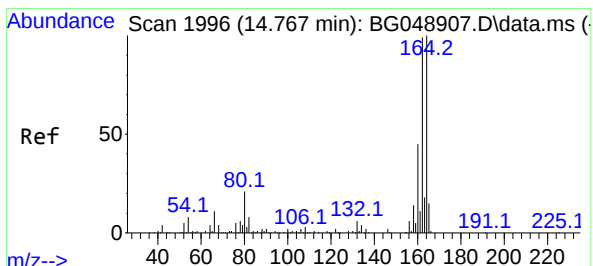
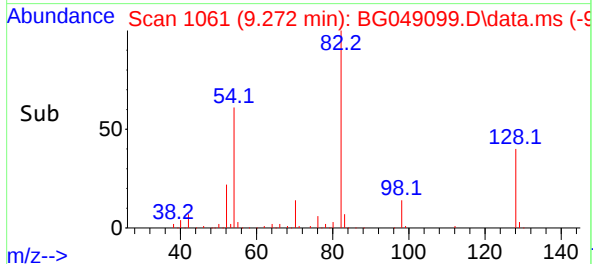
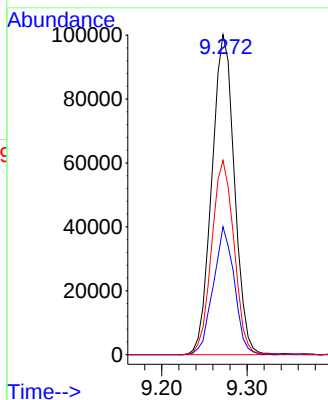
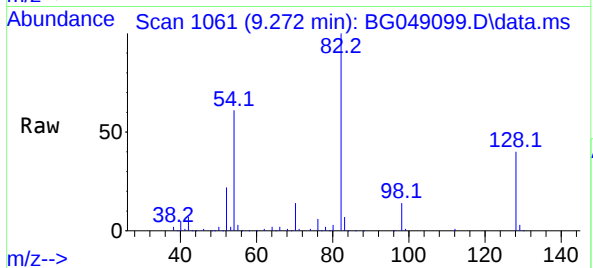
#23
Nitrobenzene-d5
Concen: 45.72 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion: 82 Resp: 184211
Ion Ratio Lower Upper
82 100
128 40.0 29.8 44.6
54 60.7 45.8 68.8

Instrument :
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ClientSampleId :
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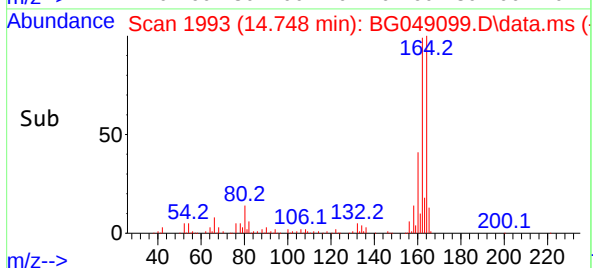
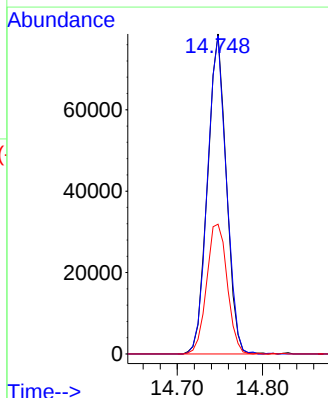
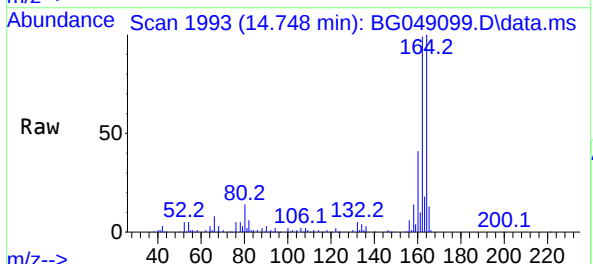
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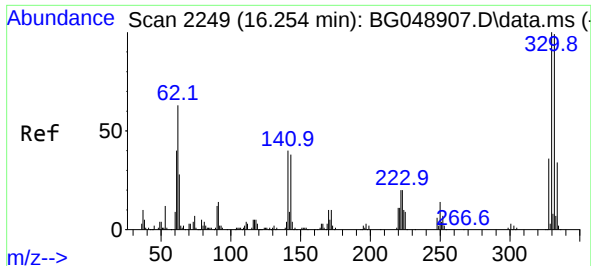
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion: 164 Resp: 119990
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 40.6 34.9 52.3





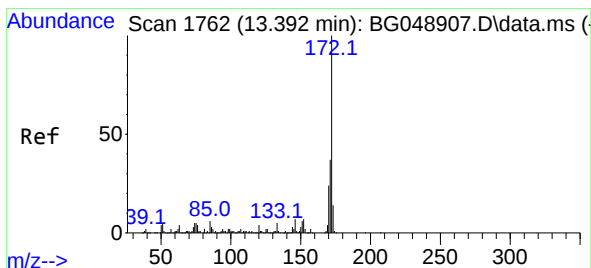
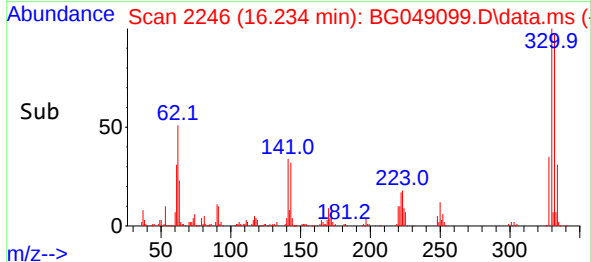
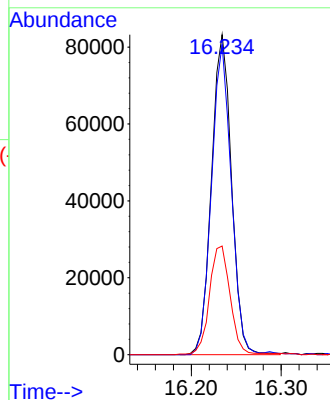
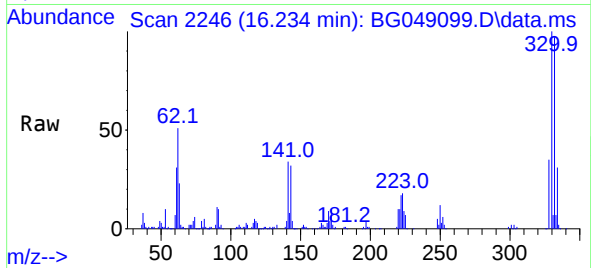
#42
2,4,6-Tribromophenol
Concen: 72.38 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:330 Resp: 128671
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 35.2 35.6 53.4#

Instrument :
BNA_G
ClientSampleId :
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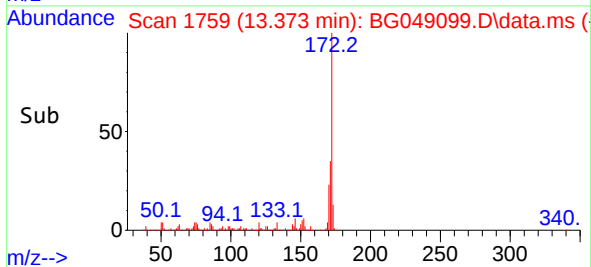
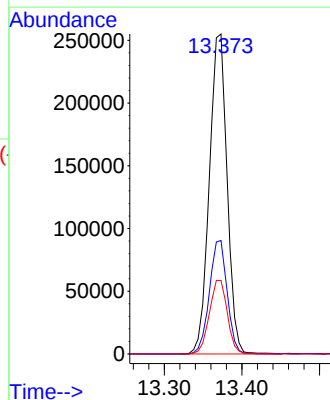
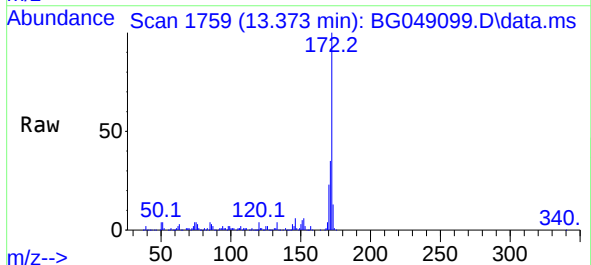
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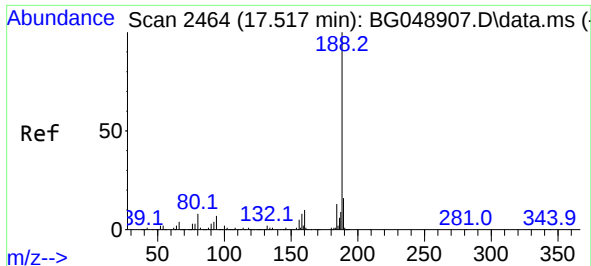
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#45
2-Fluorobiphenyl
Concen: 47.82 ng
RT: 13.373 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

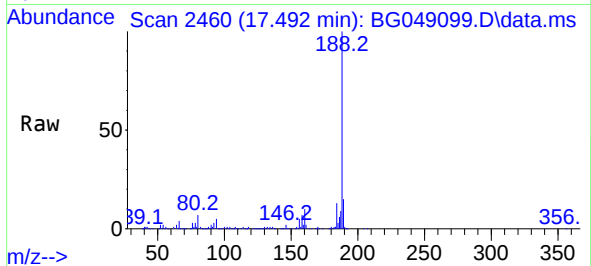
Tgt Ion:172 Resp: 406179
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

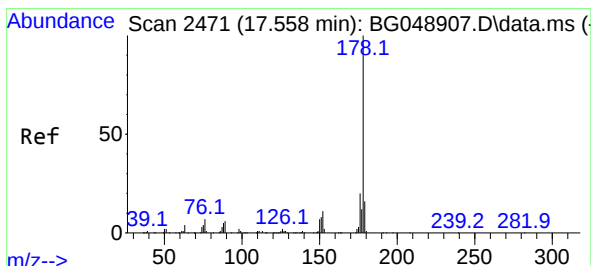
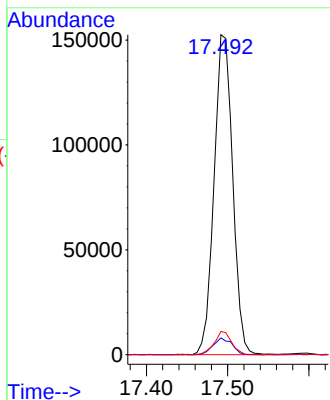
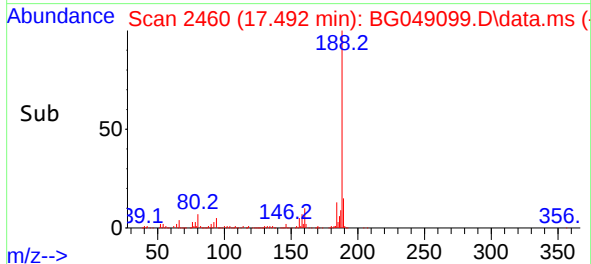
Instrument :
BNA_G
ClientSampleId :
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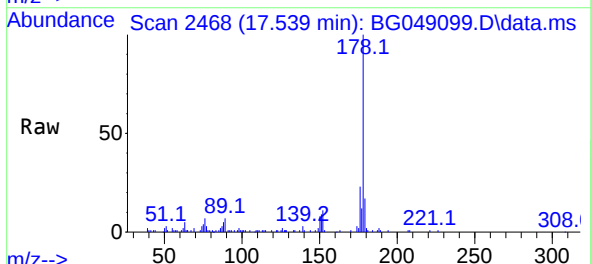
Tgt Ion:188 Resp: 243275
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 7.3 3.7 5.5#

Manual Integrations
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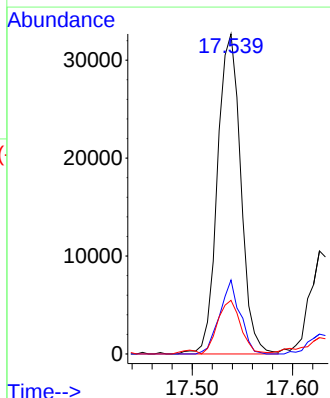
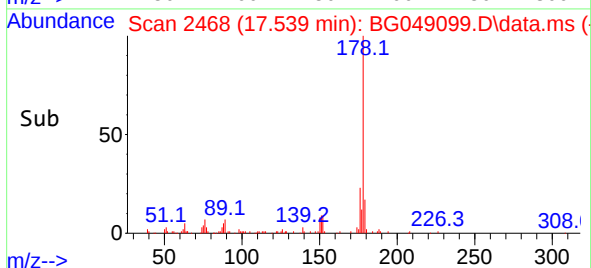
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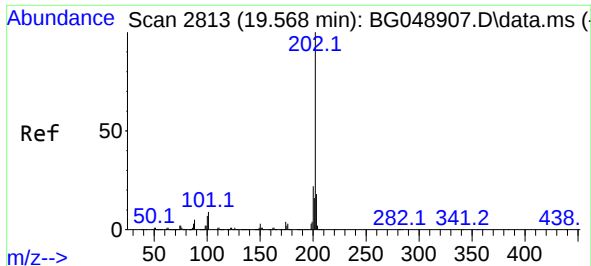


#71
Phenanthrene
Concen: 3.85 ng
RT: 17.539 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

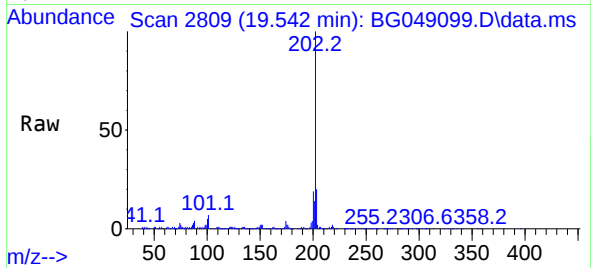


Tgt Ion:178 Resp: 52684
Ion Ratio Lower Upper
178 100
176 23.1 16.0 24.0
179 16.8 14.2 21.4

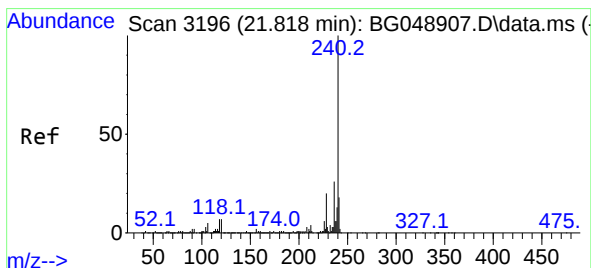
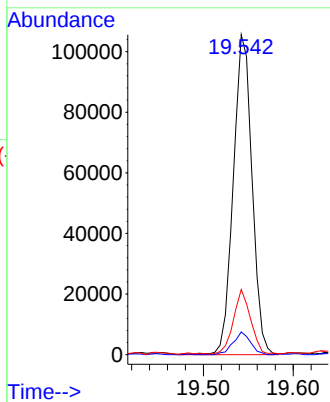
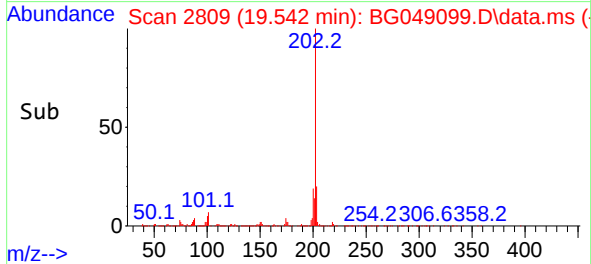




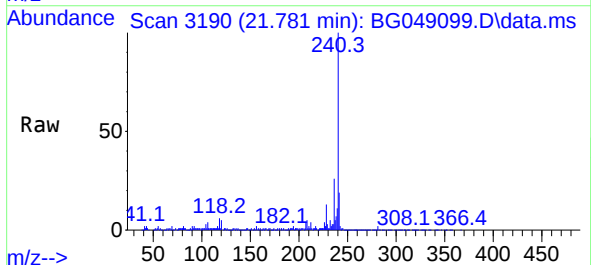
#75
Fluoranthene
Concen: 9.28 ng
RT: 19.542 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45



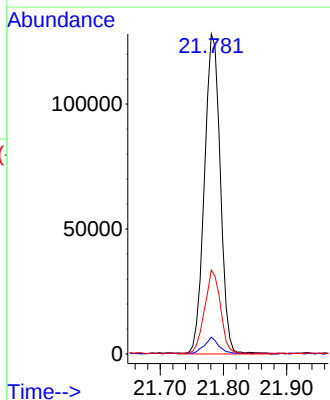
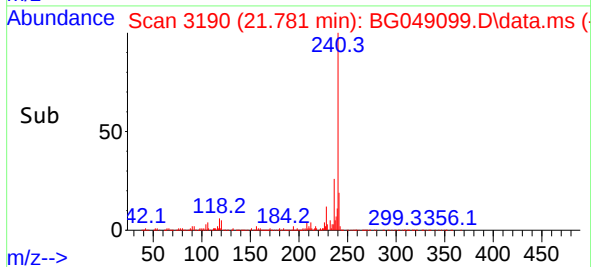
Tgt Ion: 202 Resp: 153259
Ion Ratio Lower Upper
202 100
101 7.1 0.0 24.7
203 20.4 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45



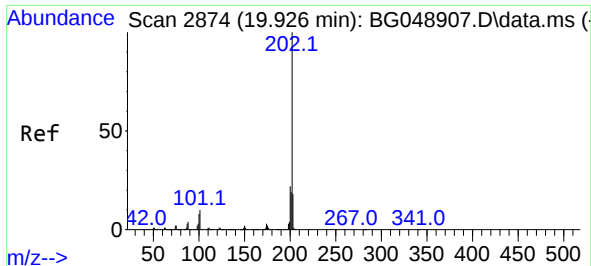
Tgt Ion: 240 Resp: 223548
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 26.2 21.8 32.6



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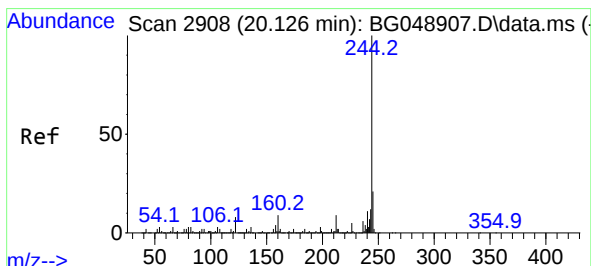
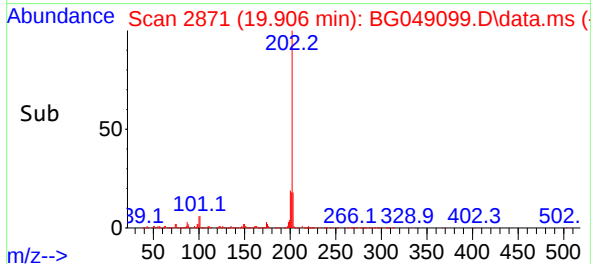
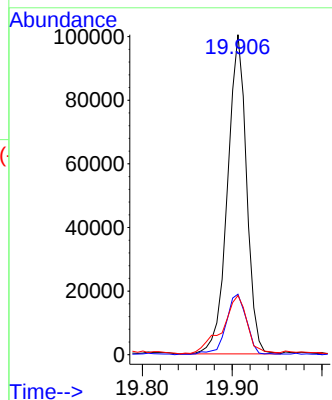
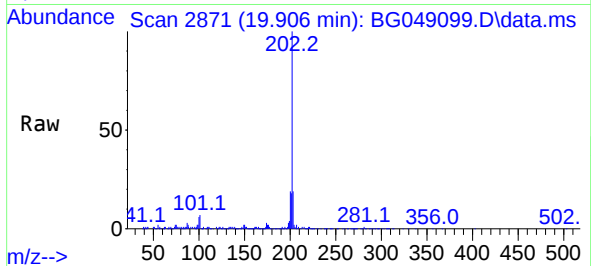
#78
Pyrene
Concen: 9.08 ng
RT: 19.906 min Scan# 2871
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:	202	Resp:	147365
Ion Ratio	Lower	Upper	
202	100		
200	18.9	15.8	23.8
203	18.5	14.6	21.8

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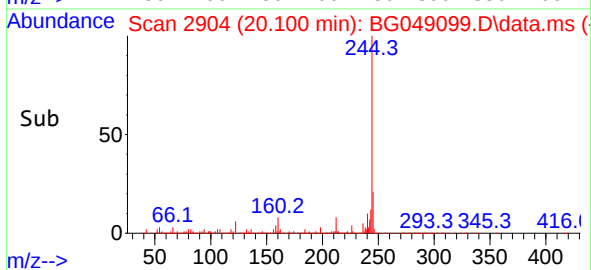
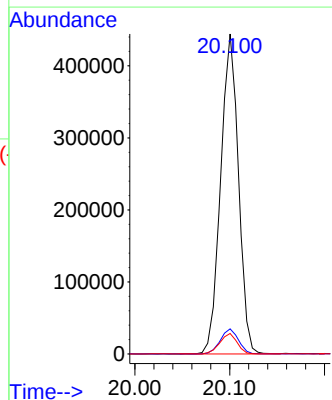
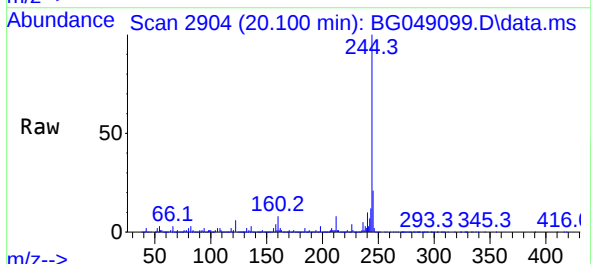
Manual Integrations
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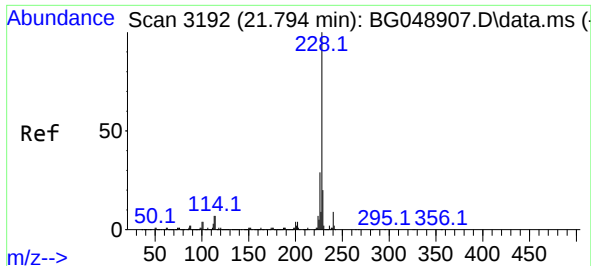
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#79
Terphenyl-d14
Concen: 47.57 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:	244	Resp:	580625
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.9	10.3
122	6.4	5.0	7.6





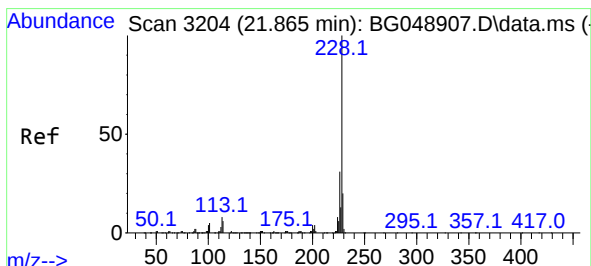
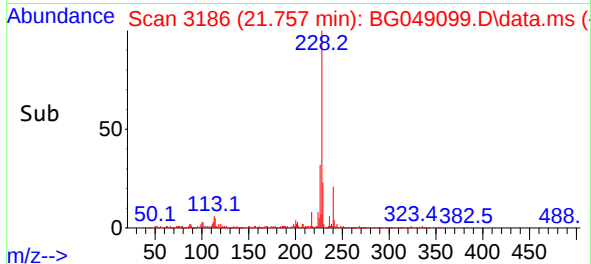
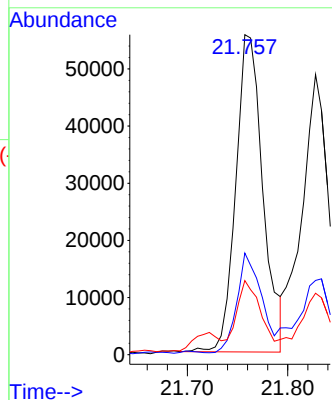
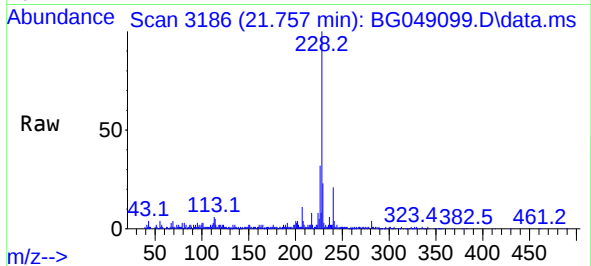
#81
Benzo(a)anthracene
Concen: 6.50 ng
RT: 21.757 min Scan# 3186
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:228 Resp: 104373
Ion Ratio Lower Upper
228 100
226 31.7 22.7 34.1
229 23.1 16.0 24.0

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

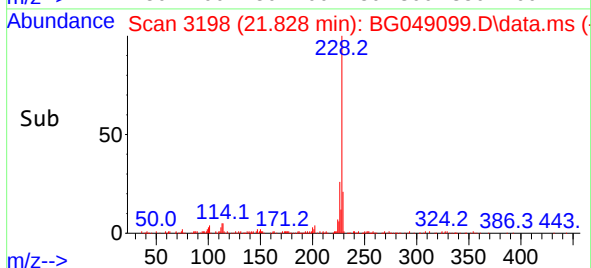
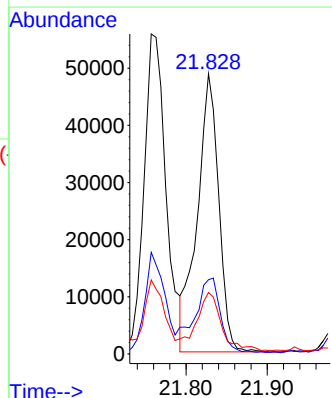
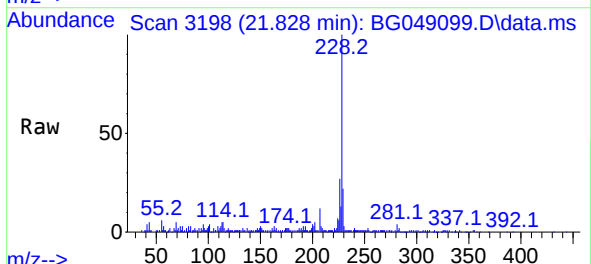
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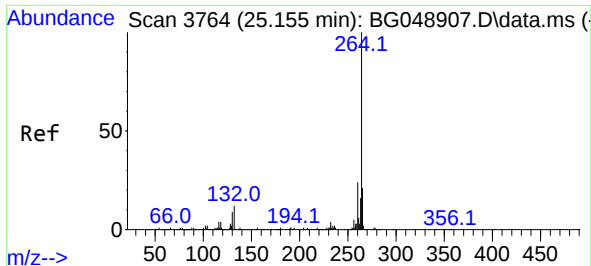
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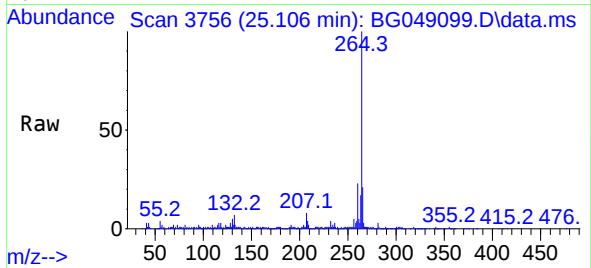
#83
Chrysene
Concen: 5.82 ng
RT: 21.828 min Scan# 3198
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:228 Resp: 89589
Ion Ratio Lower Upper
228 100
226 26.5 23.1 34.7
229 21.9 15.3 22.9

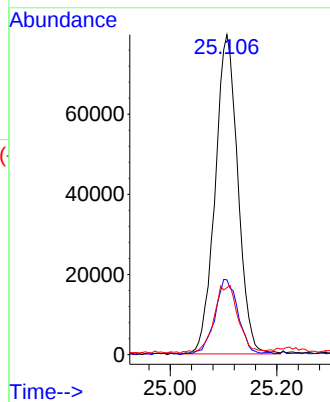




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.106 min Scan# 3756
Delta R.T. 0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45



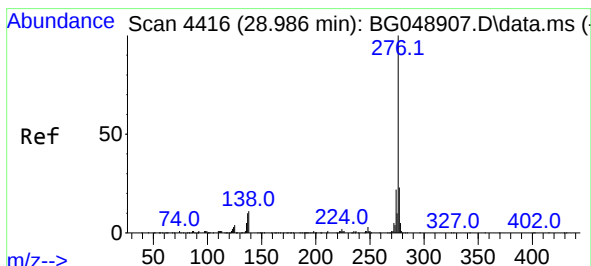
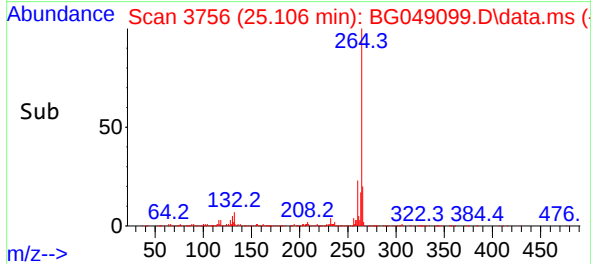
Tgt Ion:264 Resp: 235571
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.0 16.9 25.3



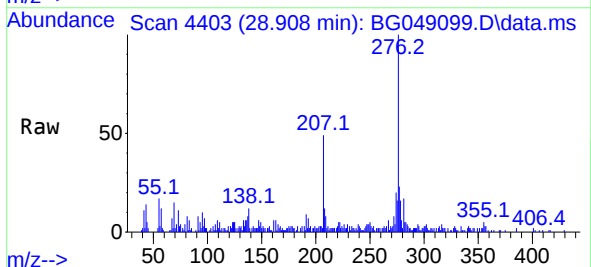
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A

Manual Integrations
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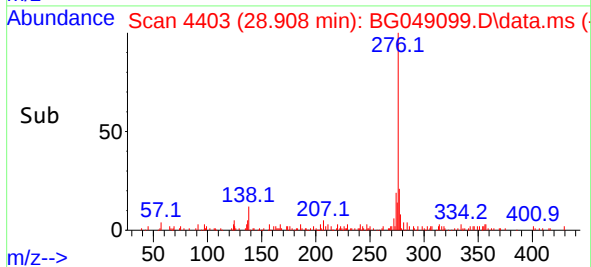
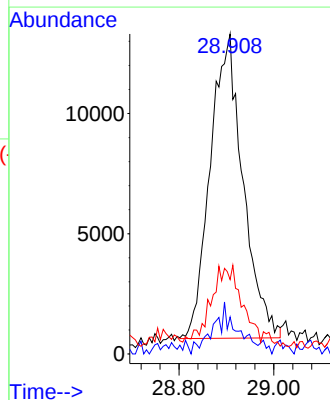
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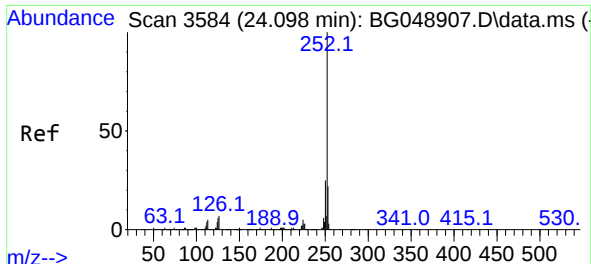


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.43 ng
RT: 28.908 min Scan# 4403
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45



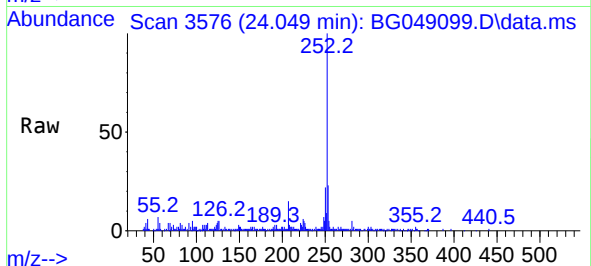
Tgt Ion:276 Resp: 60747
Ion Ratio Lower Upper
276 100
138 5.0 5.1 7.7#
277 23.5 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 8.20 ng
RT: 24.049 min Scan# 3576
Delta R.T. -0.003 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

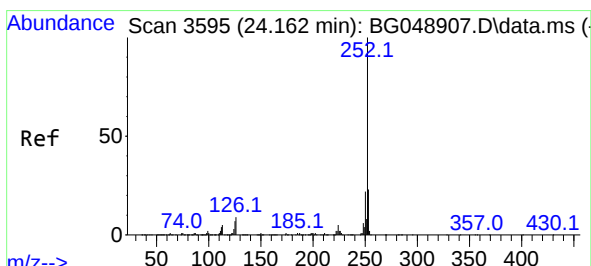
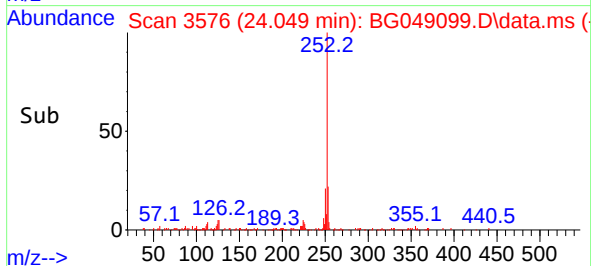
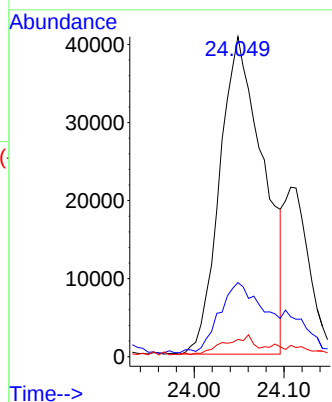
Instrument :
BNA_G
ClientSampleId :
15B-STOCKPILE-3A



Tgt Ion:252 Resp: 137778
Ion Ratio Lower Upper
252 100
253 23.1 16.2 24.4
125 5.4 3.0 4.4#

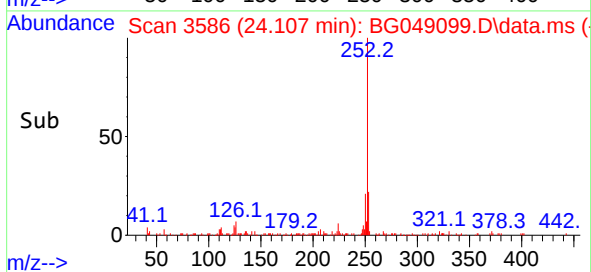
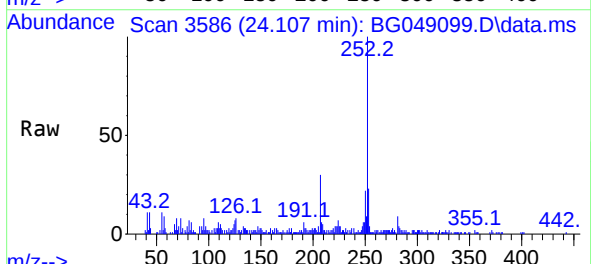
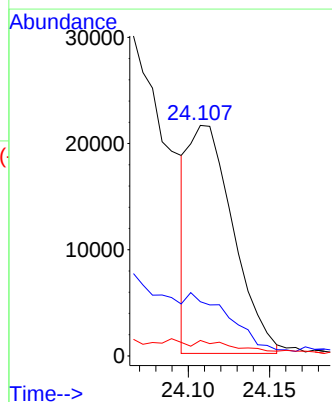
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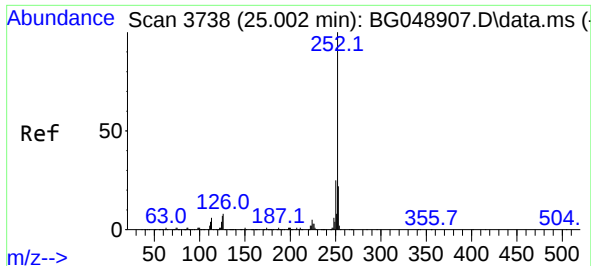
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#89
Benzo(k)fluoranthene
Concen: 2.57 ng m
RT: 24.107 min Scan# 3586
Delta R.T. -0.020 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:252 Resp: 40869
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 6.7 3.1 4.7#





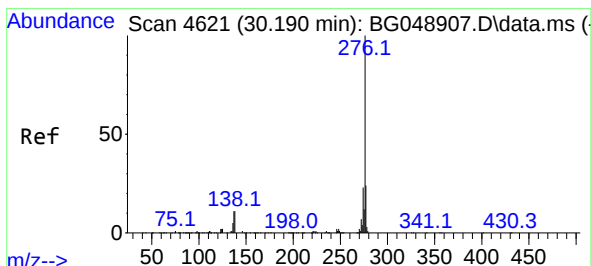
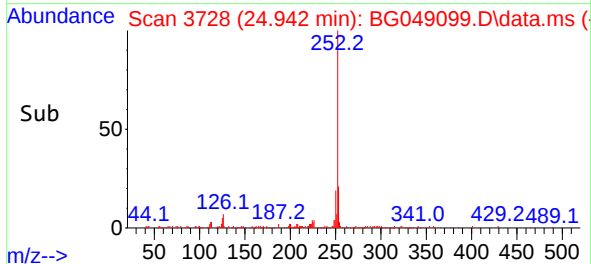
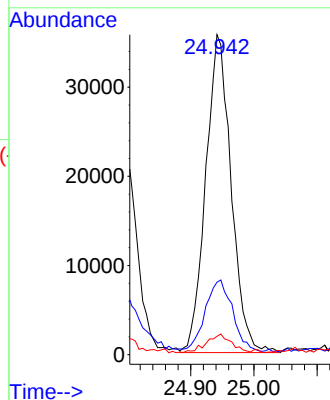
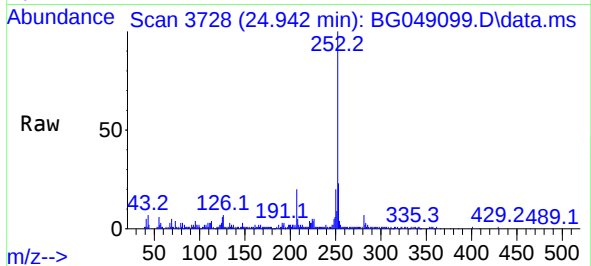
#90
Benzo(a)pyrene
Concen: 6.51 ng
RT: 24.942 min Scan# 3728
Delta R.T. -0.009 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:252 Resp: 99756
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 5.8 3.5 5.3#

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

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#92
Benzo(g,h,i)perylene
Concen: 3.69 ng
RT: 30.089 min Scan# 4604
Delta R.T. -0.020 min
Lab File: BG049099.D
Acq: 25 Jun 2021 20:45

Tgt Ion:276 Resp: 55148
Ion Ratio Lower Upper
276 100
277 29.2 18.4 27.6#
138 10.8 7.0 10.6#

