

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049101.D
 Acq On : 25 Jun 2021 22:07
 Operator : CG/JU
 Sample : M2829-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15B-DUP-01

Manual Integrations
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Quant Time: Jun 26 01:35:13 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	42387	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	163135	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	108950	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	222702	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	205134	20.00	ng	0.00
86) Perylene-d12	25.106	264	216030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	245569	90.19	ng	0.00
7) Phenol-d6	7.262	99	318147	77.96	ng	0.00
23) Nitrobenzene-d5	9.272	82	229094	60.55	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	158020	97.90	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	499716	64.79	ng	0.00
79) Terphenyl-d14	20.100	244	692564	61.83	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.538	178	45751	3.65	ng	95
75) Fluoranthene	19.548	202	124637	8.25	ng	99
78) Pyrene	19.906	202	126349	8.49	ng	97
81) Benzo(a)anthracene	21.763	228	85143	5.78	ng	96
83) Chrysene	21.833	228	78762	5.58	ng	95
84) Bis(2-ethylhexyl)phtha...	21.663	149	16296	2.04	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.913	276	48825	3.00	ng	# 57
88) Benzo(b)fluoranthene	24.049	252	128861	8.37	ng	# 90
90) Benzo(a)pyrene	24.953	252	85733	6.10	ng	98
92) Benzo(g,h,i)perylene	30.100	276	44790	3.27	ng	# 93

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

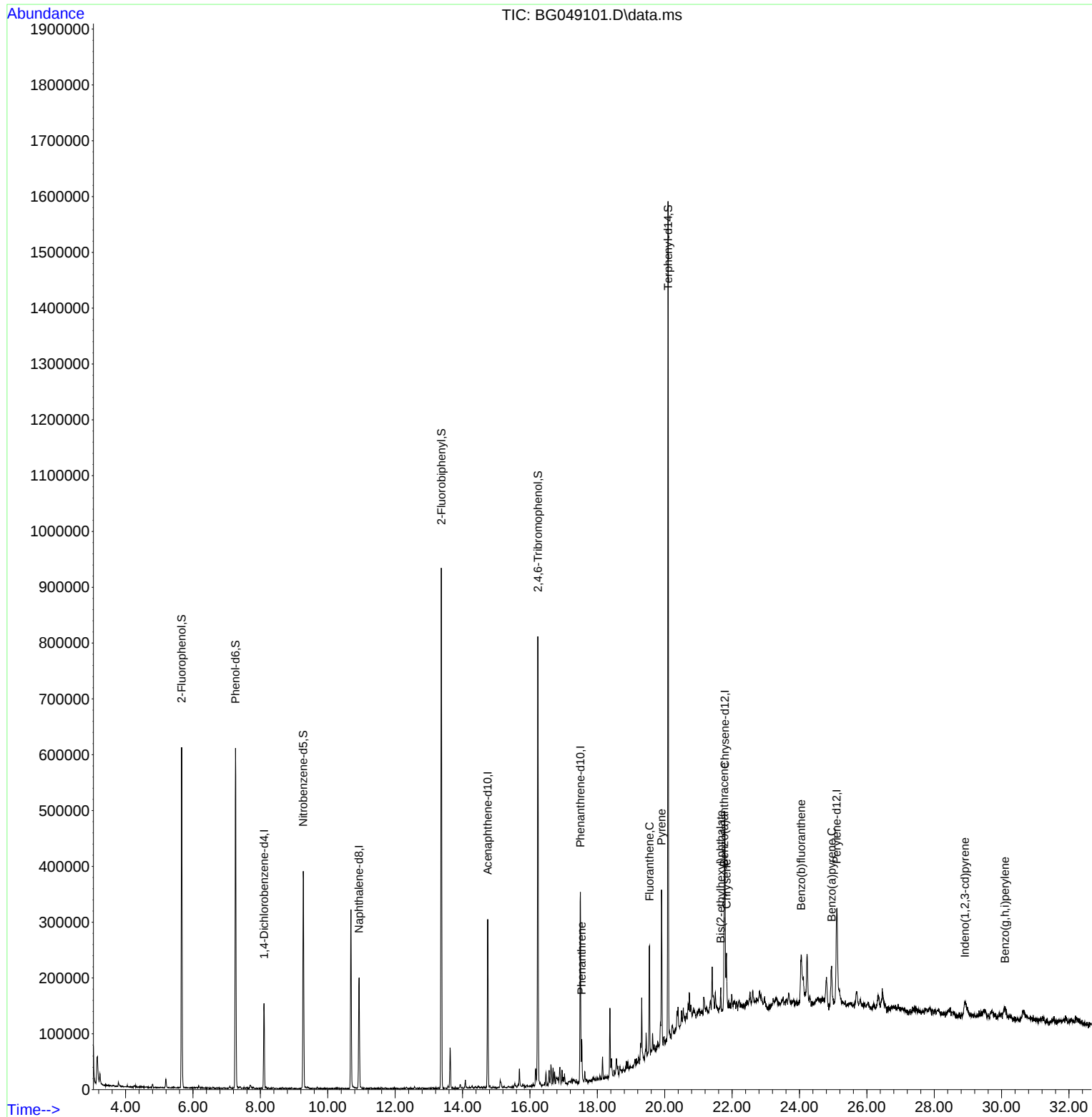
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Data File : BG049101.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2829-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

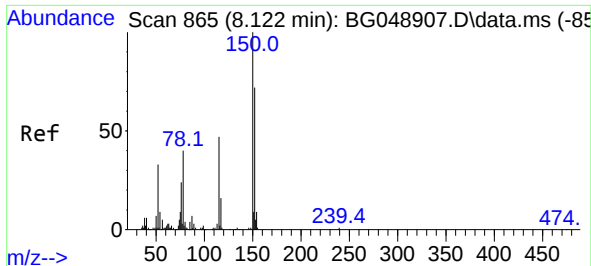
Instrument :
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ClientSampleId :
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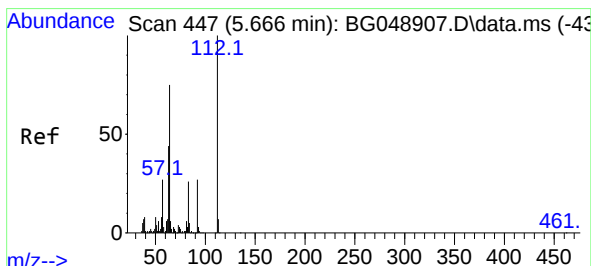
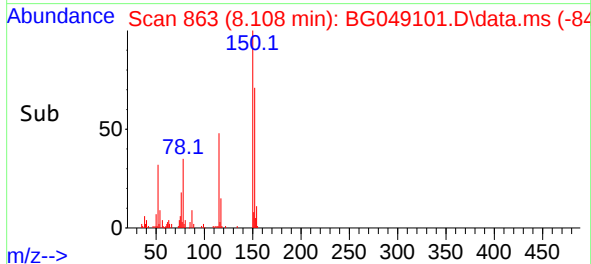
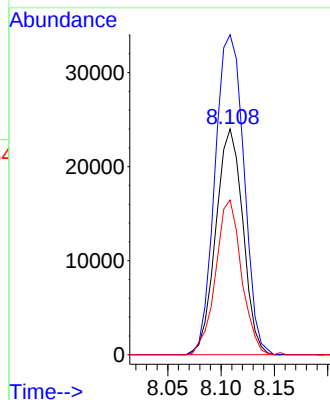
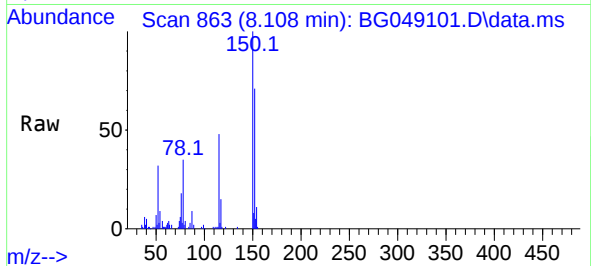
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 863
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:152 Resp: 42387
Ion Ratio Lower Upper
152 100
150 141.7 119.4 179.0
115 68.5 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
15B-DUP-01

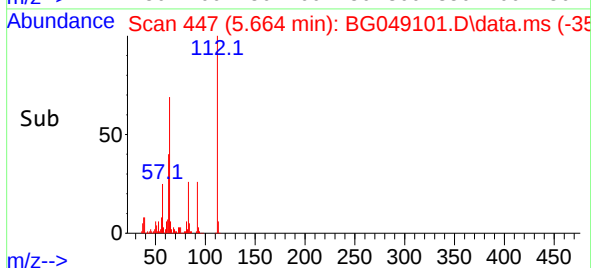
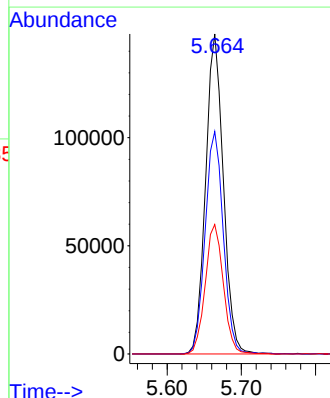
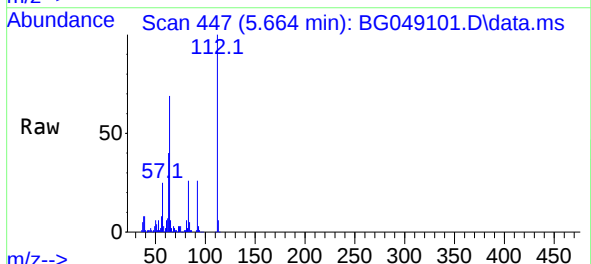
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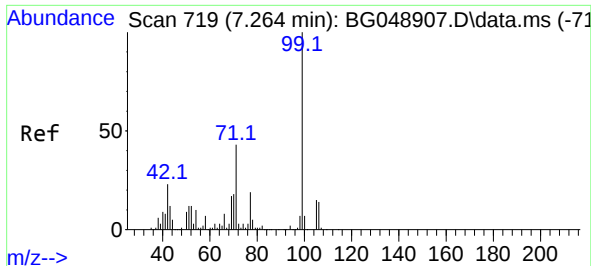
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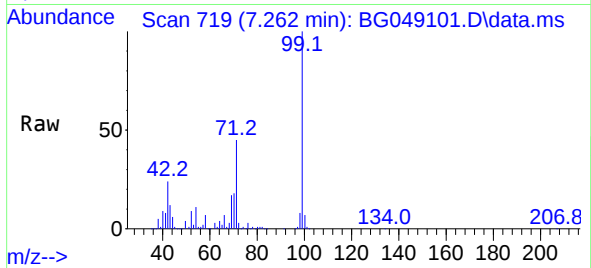
#5
2-Fluorophenol
Concen: 90.19 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.009 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:112 Resp: 245569
Ion Ratio Lower Upper
112 100
64 69.5 46.7 70.1
63 40.5 35.3 52.9

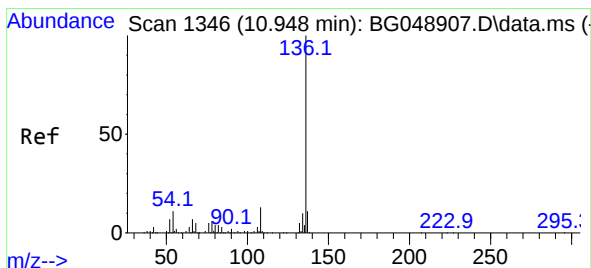
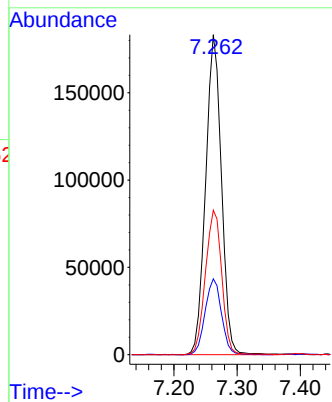
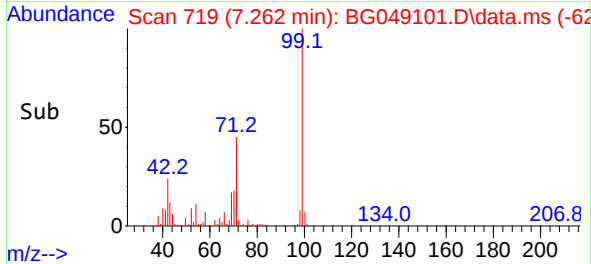




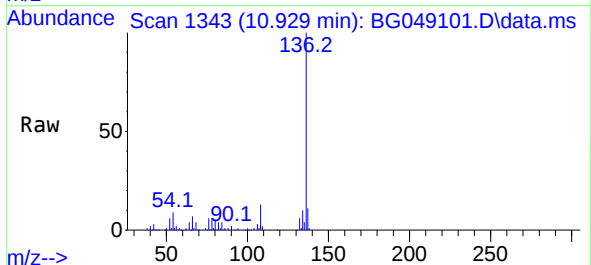
#7
Phenol-d6
Concen: 77.96 ng
RT: 7.262 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



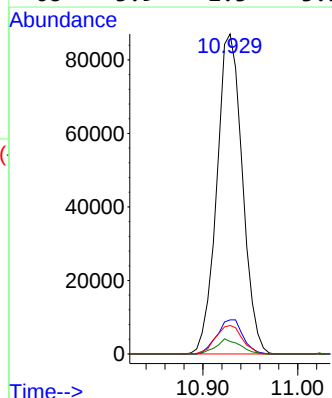
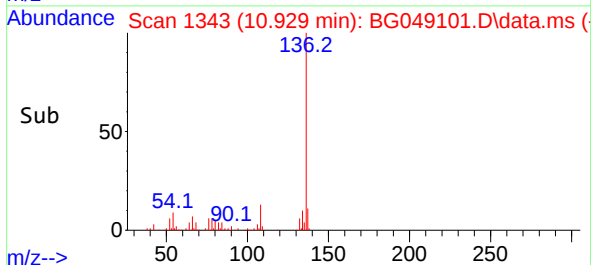
Tgt Ion: 99 Resp: 318147
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 45.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



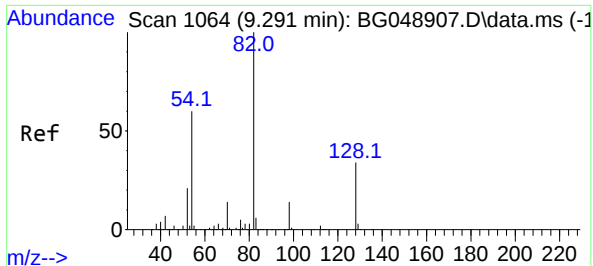
Tgt Ion: 136 Resp: 163135
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.9 5.5 8.3#
68 3.9 2.3 3.5#



Instrument :
BNA_G
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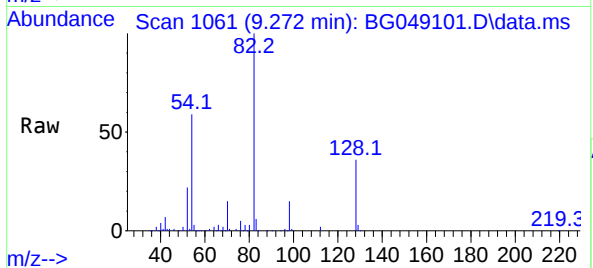
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#23
Nitrobenzene-d5
Concen: 60.55 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

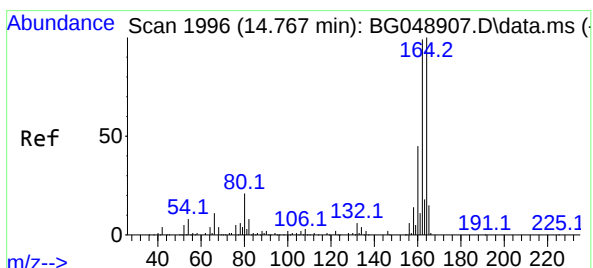
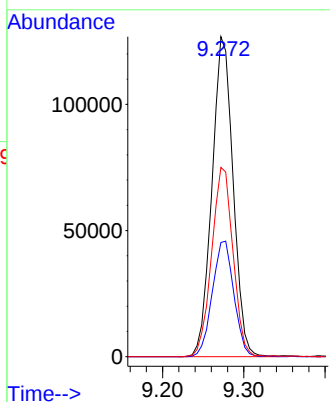
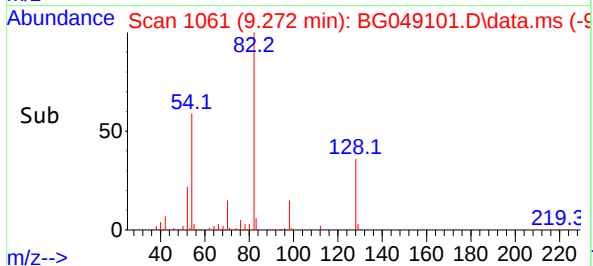
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ClientSampleId :
15B-DUP-01



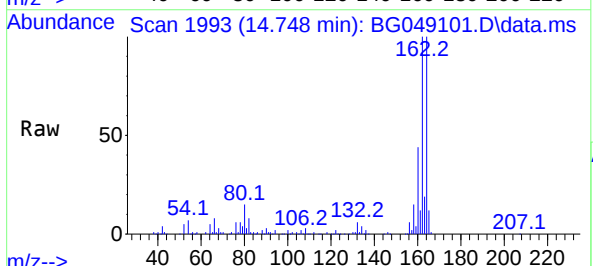
Tgt Ion: 82 Resp: 229094
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 59.2 45.8 68.8

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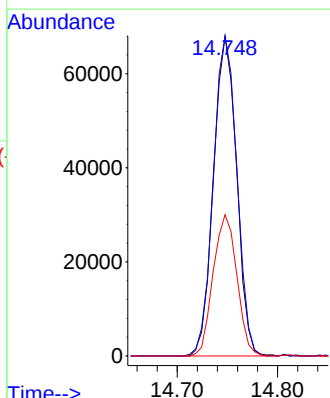
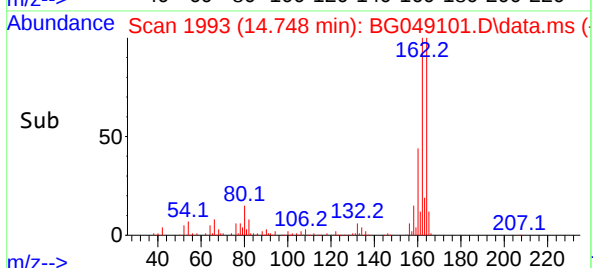
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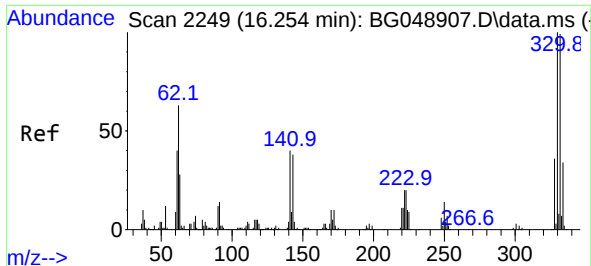


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



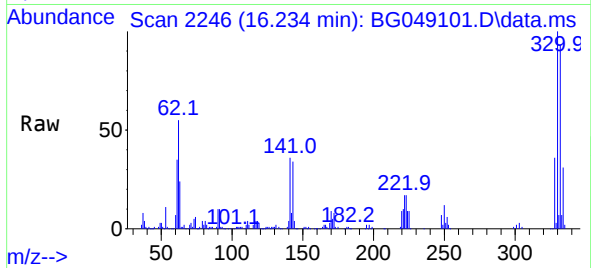
Tgt Ion: 164 Resp: 108950
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 97.90 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

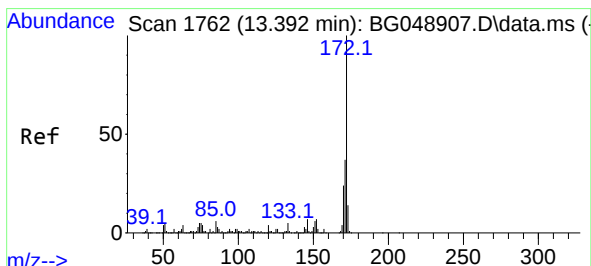
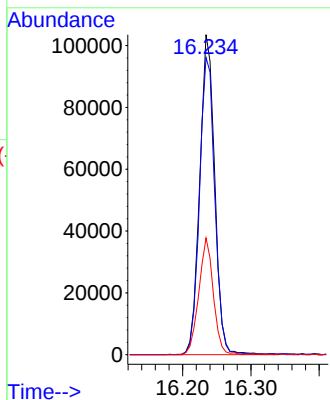
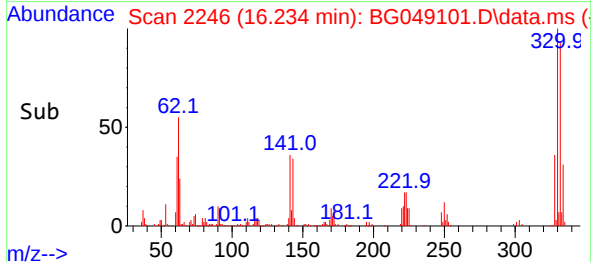
Instrument :
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ClientSampleId :
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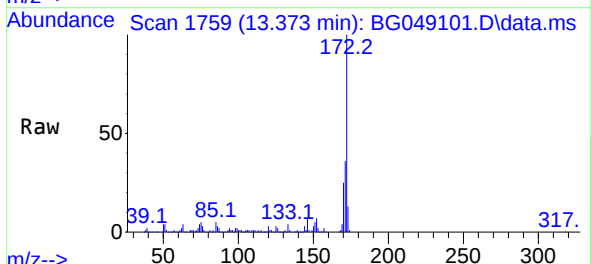
Tgt Ion:330 Resp: 158020
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 35.2 35.6 53.4#

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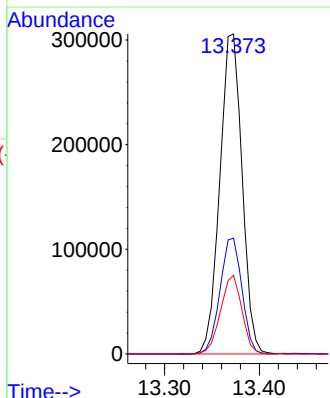
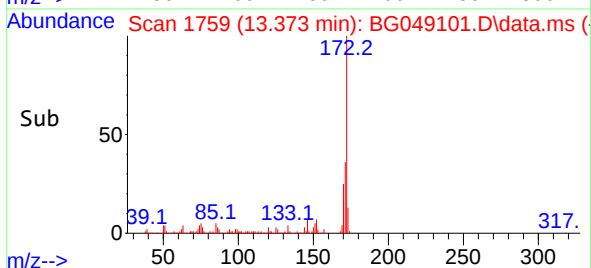
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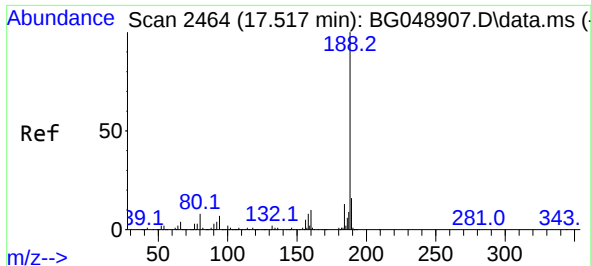


#45
2-Fluorobiphenyl
Concen: 64.79 ng
RT: 13.373 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



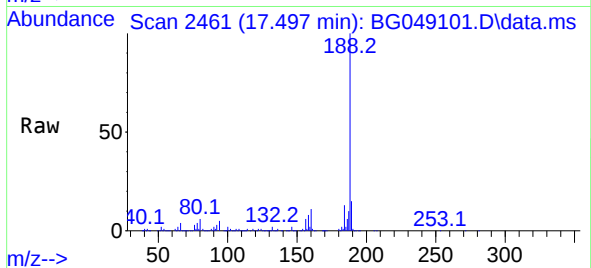
Tgt Ion:172 Resp: 499716
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

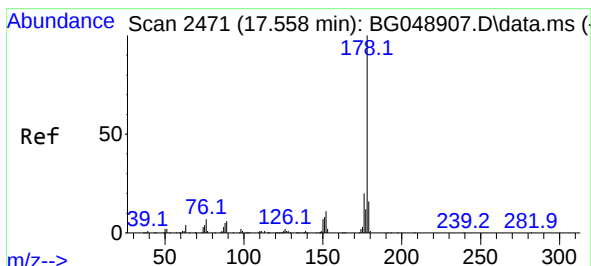
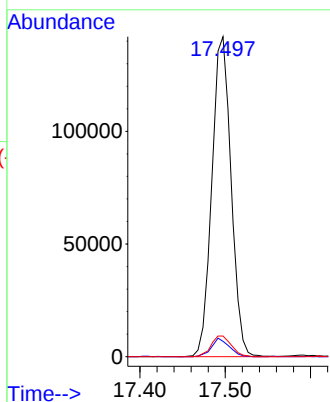
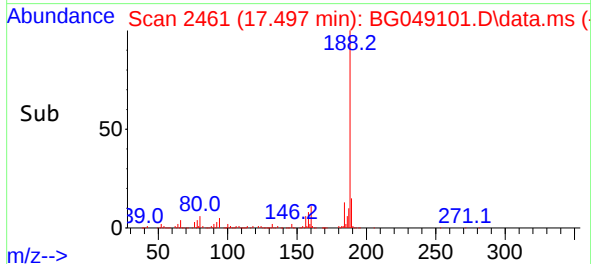
Instrument :
BNA_G
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15B-DUP-01



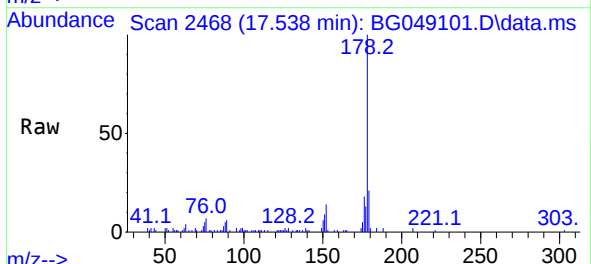
Tgt Ion:188 Resp: 222702
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 6.4 3.7 5.5#

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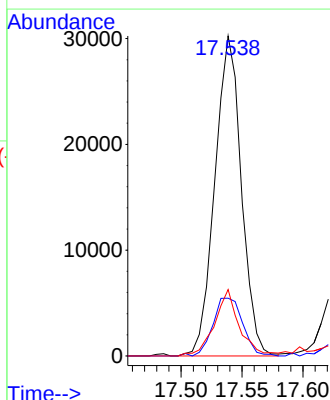
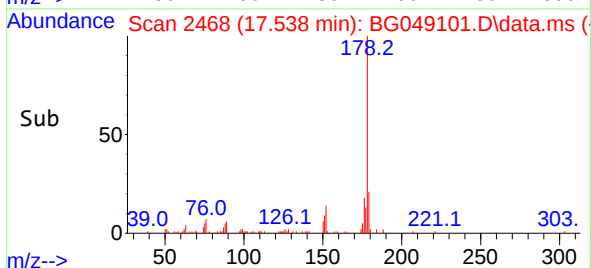
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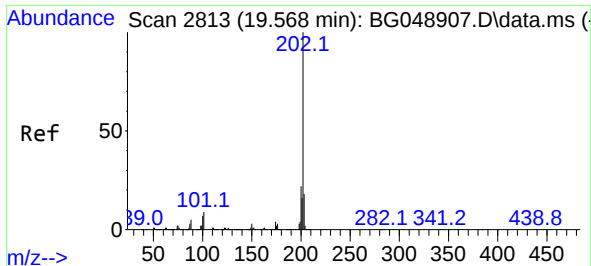


#71
Phenanthrene
Concen: 3.65 ng
RT: 17.538 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



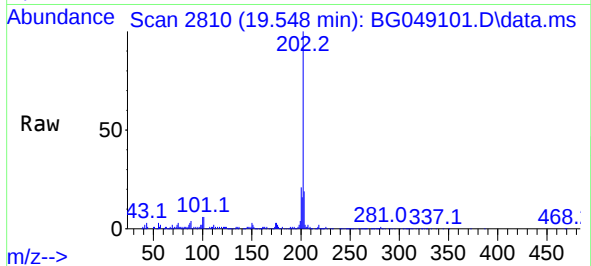
Tgt Ion:178 Resp: 45751
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 20.8 14.2 21.4





#75
Fluoranthene
Concen: 8.25 ng
RT: 19.548 min Scan# 2810
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

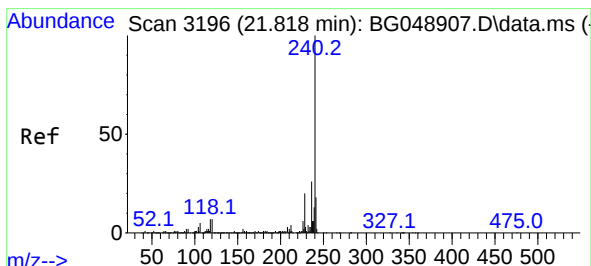
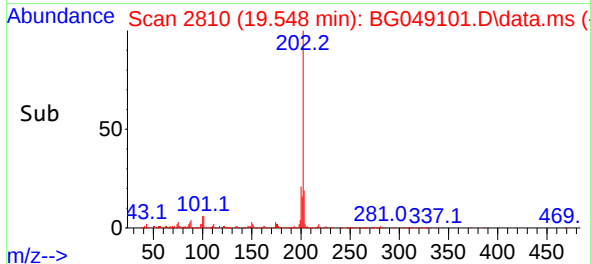
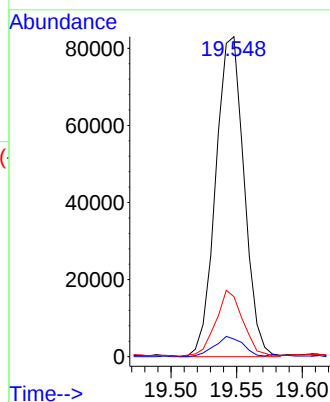
Instrument :
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15B-DUP-01



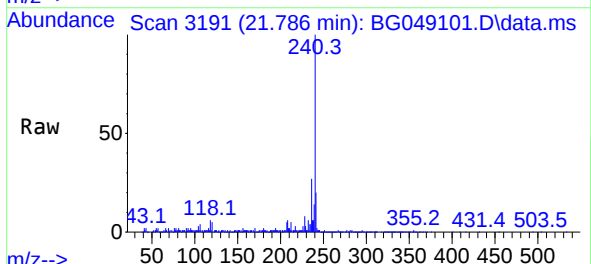
Tgt Ion:202 Resp: 124637
Ion Ratio Lower Upper
202 100
101 5.5 0.0 24.7
203 18.8 0.0 38.5

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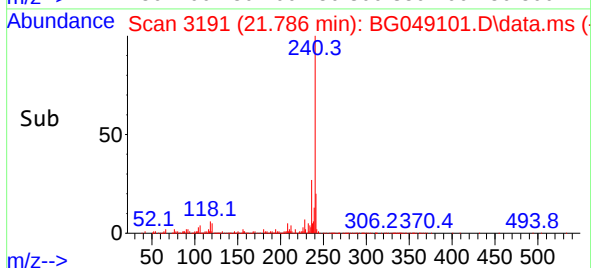
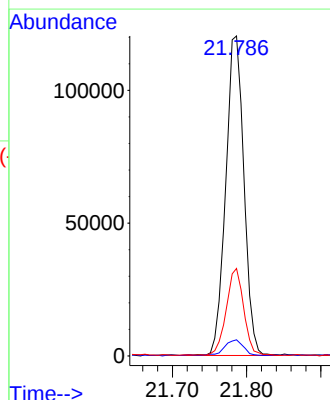
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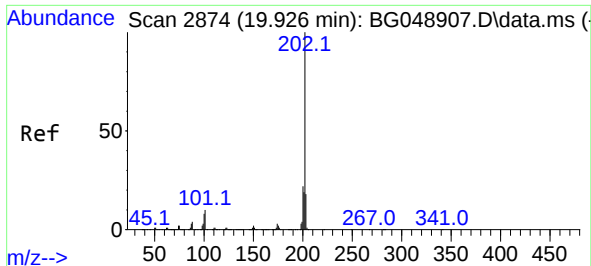


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



Tgt Ion:240 Resp: 205134
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 27.3 21.8 32.6





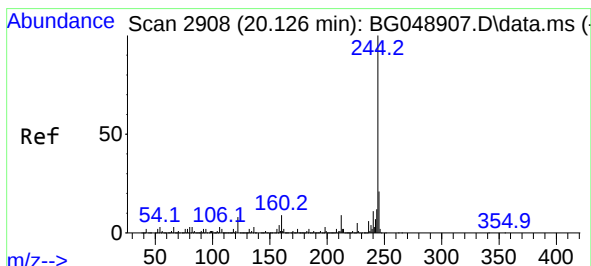
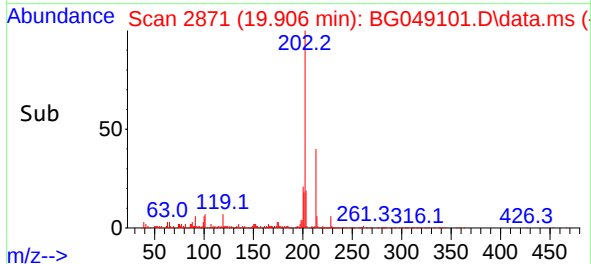
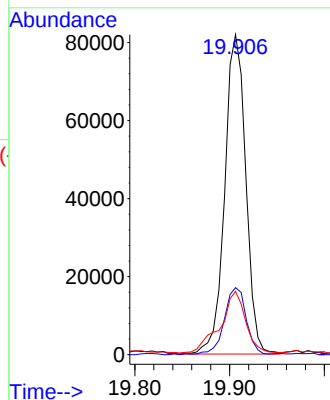
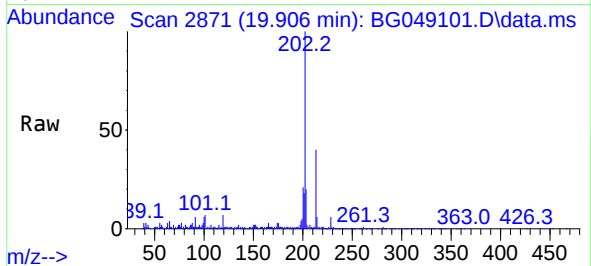
#78
Pyrene
Concen: 8.49 ng
RT: 19.906 min Scan# 2871
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	202	Resp:	126349
Ion Ratio	Lower	Upper	
202	100		
200	21.0	15.8	23.8
203	19.8	14.6	21.8

Instrument :
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ClientSampleId :
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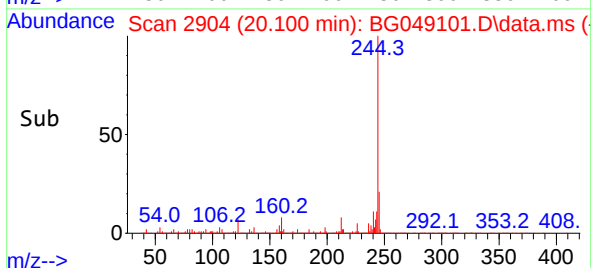
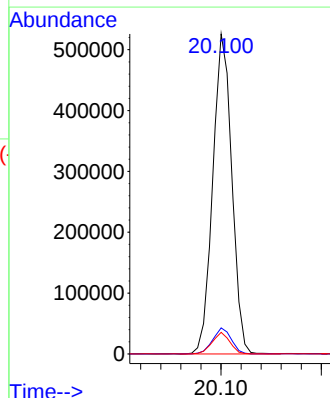
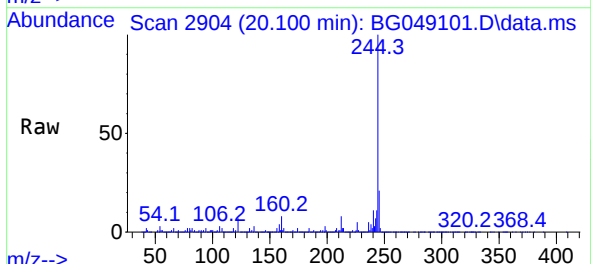
Manual Integrations
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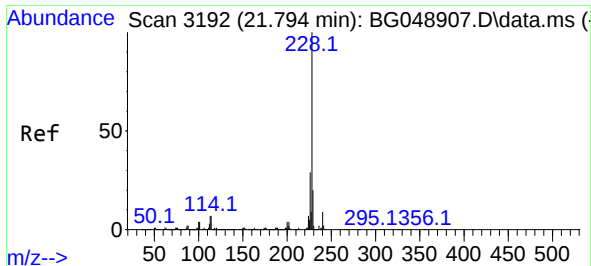
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#79
Terphenyl-d14
Concen: 61.83 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	244	Resp:	692564
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.9	10.3
122	6.7	5.0	7.6





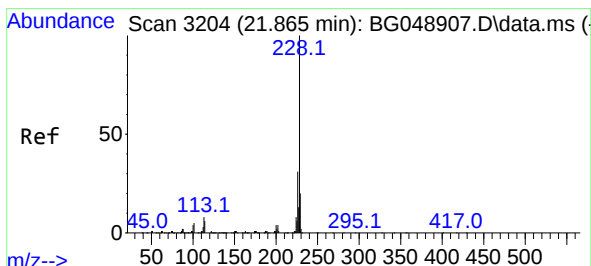
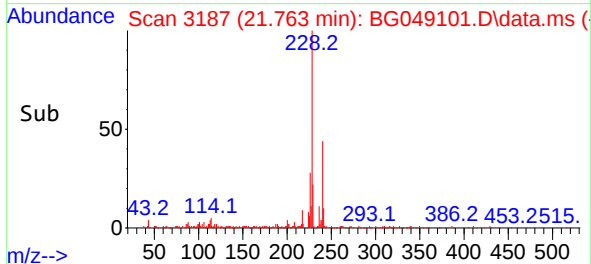
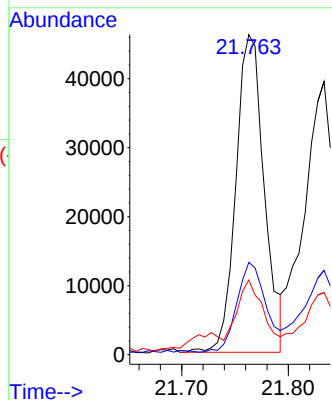
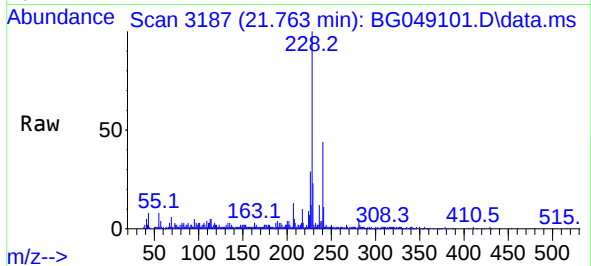
#81
Benzo(a)anthracene
Concen: 5.78 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	228	Resp:	85143
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.7	34.1
229	23.4	16.0	24.0

Instrument :
BNA_G
ClientSampleId :
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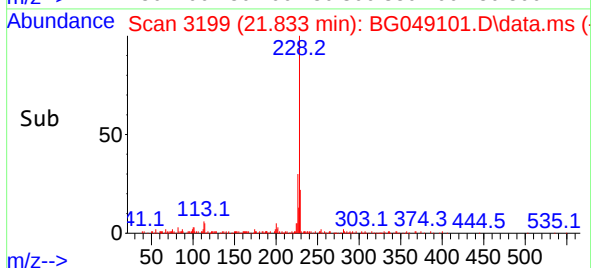
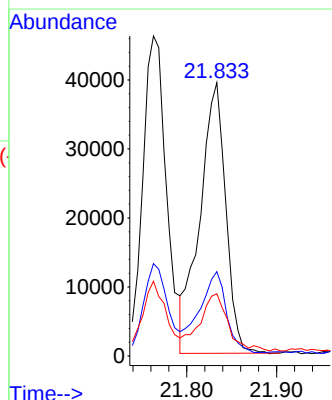
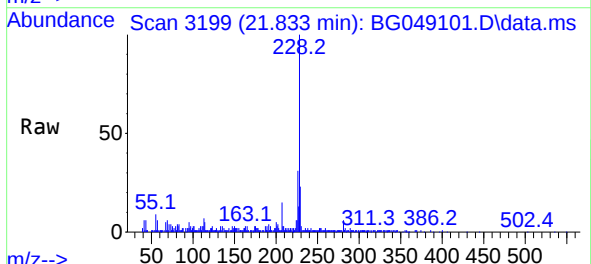
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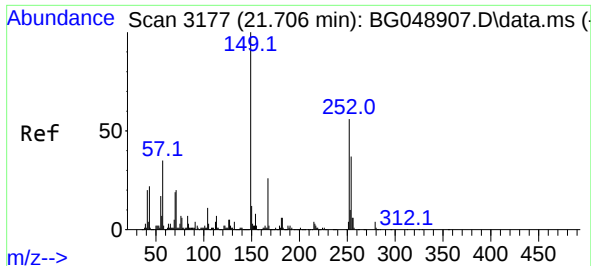
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#83
Chrysene
Concen: 5.58 ng
RT: 21.833 min Scan# 3199
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

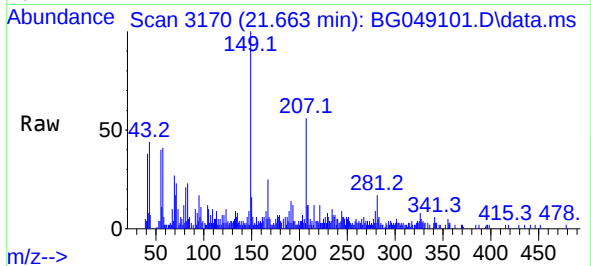
Tgt Ion:	228	Resp:	78762
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.1	34.7
229	22.8	15.3	22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.04 ng
RT: 21.663 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

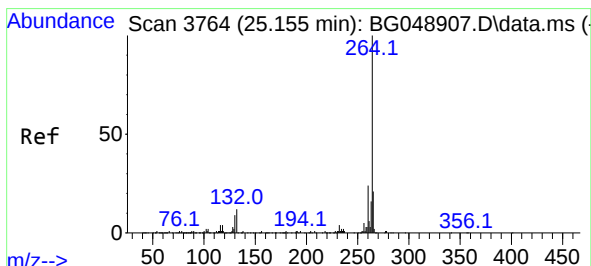
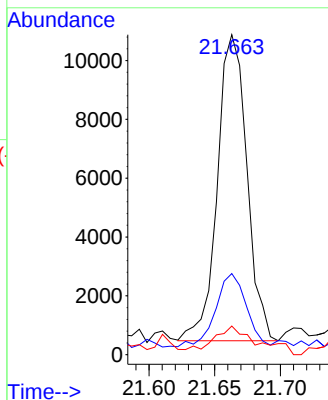
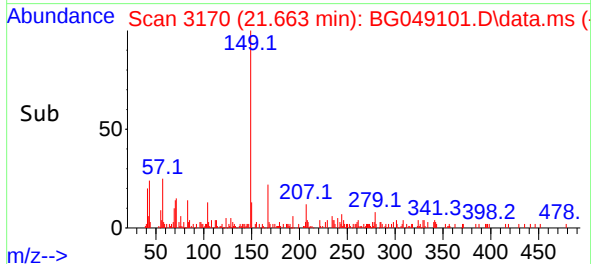
Instrument :
BNA_G
ClientSampleId :
15B-DUP-01



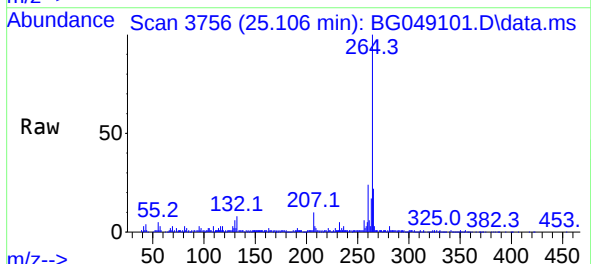
Tgt Ion:149 Resp: 16296
Ion Ratio Lower Upper
149 100
167 25.3 22.3 33.5
279 9.0 3.8 5.8#

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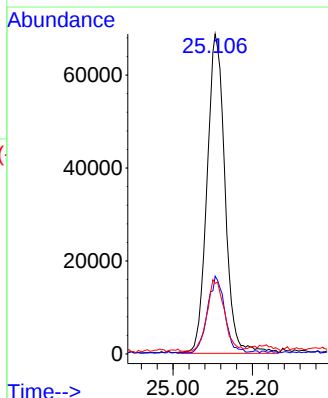
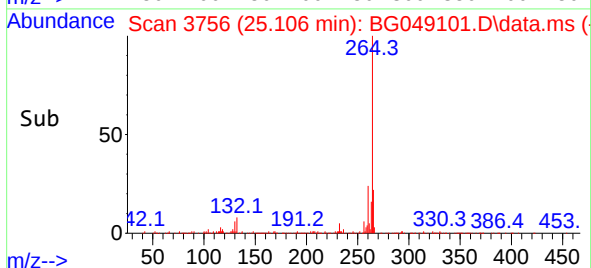
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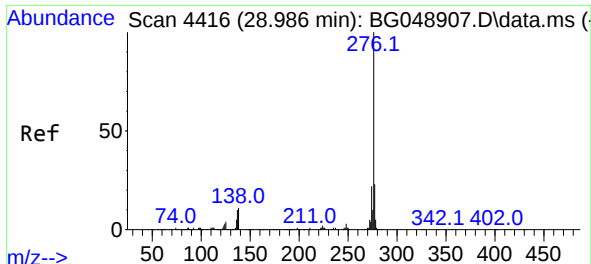


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.106 min Scan# 3756
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

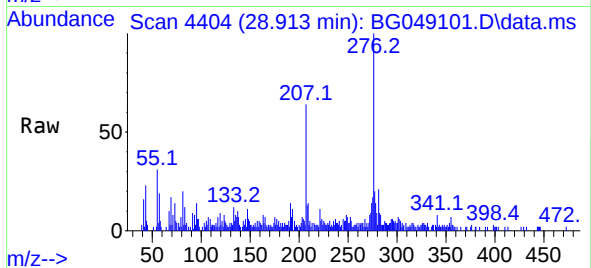


Tgt Ion:264 Resp: 216030
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.1 16.9 25.3

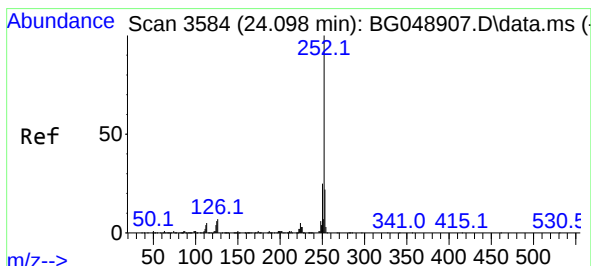
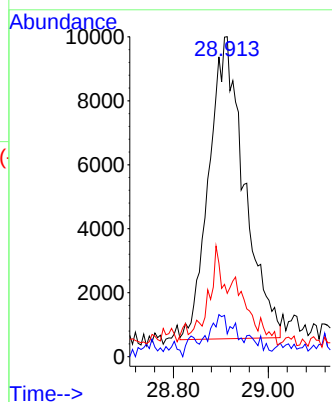
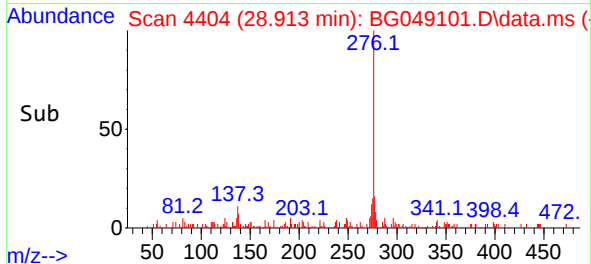




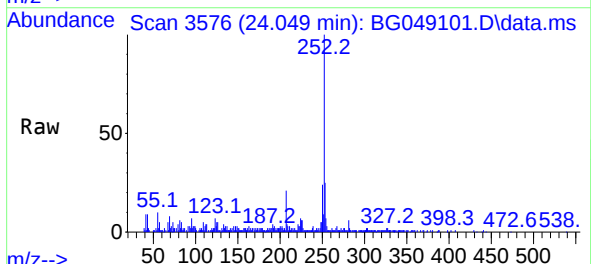
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 28.913 min Scan# 4404
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



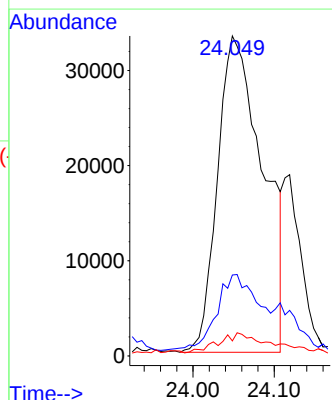
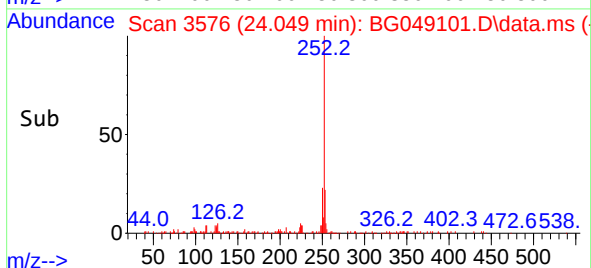
Tgt Ion: 276 Resp: 48825
Ion Ratio Lower Upper
276 100
138 0.0 5.1 7.7#
277 0.0 19.8 29.6#



#88
Benzo(b)fluoranthene
Concen: 8.37 ng
RT: 24.049 min Scan# 3576
Delta R.T. -0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07



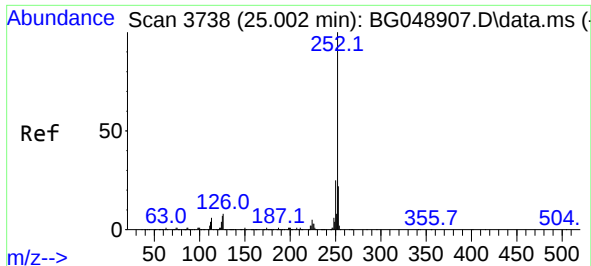
Tgt Ion: 252 Resp: 128861
Ion Ratio Lower Upper
252 100
253 25.3 16.2 24.4#
125 4.7 3.0 4.4#



Instrument :
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ClientSampleId :
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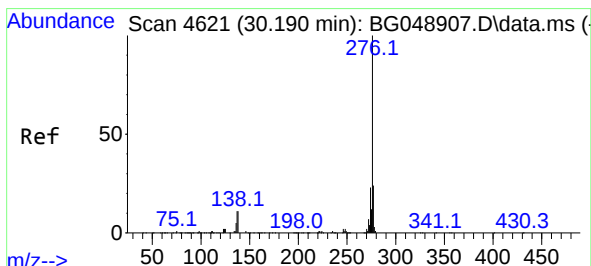
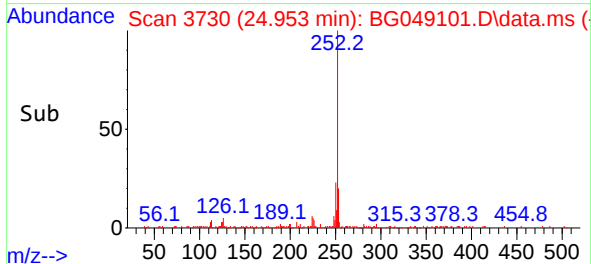
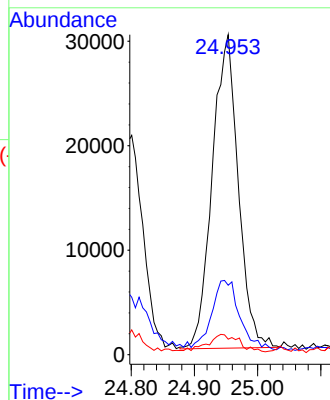
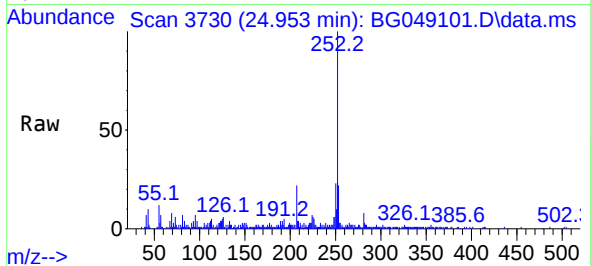
#90
Benzo(a)pyrene
Concen: 6.10 ng
RT: 24.953 min Scan# 3730
Delta R.T. 0.003 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:252 Resp: 85733
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 4.9 3.5 5.3

Instrument :
BNA_G
ClientSampleId :
15B-DUP-01

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#92
Benzo(g,h,i)perylene
Concen: 3.27 ng
RT: 30.100 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BG049101.D
Acq: 25 Jun 2021 22:07

Tgt Ion:276 Resp: 44790
Ion Ratio Lower Upper
276 100
277 25.2 18.4 27.6
138 13.4 7.0 10.6#

