

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049985.D
 Acq On : 26 Aug 2021 21:37
 Operator : CG/JU
 Sample : M3458-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW8

Manual Integrations
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Quant Time: Aug 27 02:01:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	34965	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	141237	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.628	164	92308	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	177260	20.000	ng/ul	-0.01
79) Chrysene-d12	21.654	240	151444	20.000	ng/ul	-0.01
88) Perylene-d12	24.885	264	157865	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1286m	1.897	ng/uL	-0.02
4) Pyridine-d5	3.772	84	6270	3.070	ng/ul	0.00
7) Phenol-d5	7.138	99	36509	12.296	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	21722	13.169	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	27949	12.581	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	25045	10.711	ng/ul	-0.01
21) Nitrobenzene-d5	9.142	128	15650	14.292	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.870	143	17156	13.158	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	30838	13.261	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.927	131	28159	8.896	ng/ul	-0.01
46) Dimethylphthalate-d6	14.029	166	107466	15.212	ng/ul	-0.01
49) Acenaphthylene-d8	14.323	160	126842	15.313	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	8959	8.765	ng/ul	0.00
60) Fluorene-d10	15.621	176	88107	14.710	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	12179	10.680	ng/ul	-0.01
73) Anthracene-d10	17.477	188	123296	15.490	ng/ul	-0.02
81) Pyrene-d10	19.768	212	131716	16.095	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	109469	13.071	ng/ul	-0.01
Target Compounds	Qvalue					
30) Naphthalene	10.839	128	10603	1.502	ng/ul#	92
36) 2-Methylnaphthalene	12.455	142	7198	1.372	ng/ul	94
37) 1-Methylnaphthalene	12.672	142	5995	1.132	ng/ul#	83
50) Acenaphthylene	14.352	152	11084	1.464	ng/ul#	91
56) Dibenzofuran	15.028	168	12337	1.622	ng/ul#	72
61) Fluorene	15.680	166	10139	1.580	ng/ul	93
72) Phenanthrene	17.424	178	276274	31.264	ng/ul	97
74) Anthracene	17.513	178	32552m	3.635	ng/ul	
77) Carbazole	17.789	167	16300	2.046	ng/ul	93
80) Fluoranthene	19.439	202	426447	42.227	ng/ul	98
82) Pyrene	19.804	202	325690	32.546	ng/ul	100
85) Benzo(a)anthracene	21.636	228	169021	17.911	ng/ul	98
87) Chrysene	21.701	228	184364	20.668	ng/ul	97
90) Benzo(b)fluoranthene	23.857	252	242276	23.992	ng/ul#	97
91) Benzo(k)fluoranthene	23.916	252	72598m	7.563	ng/ul	
93) Benzo(a)pyrene	24.732	252	120685	13.762	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.568	276	101894	8.808	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.621	278	30355m	3.134	ng/ul	

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

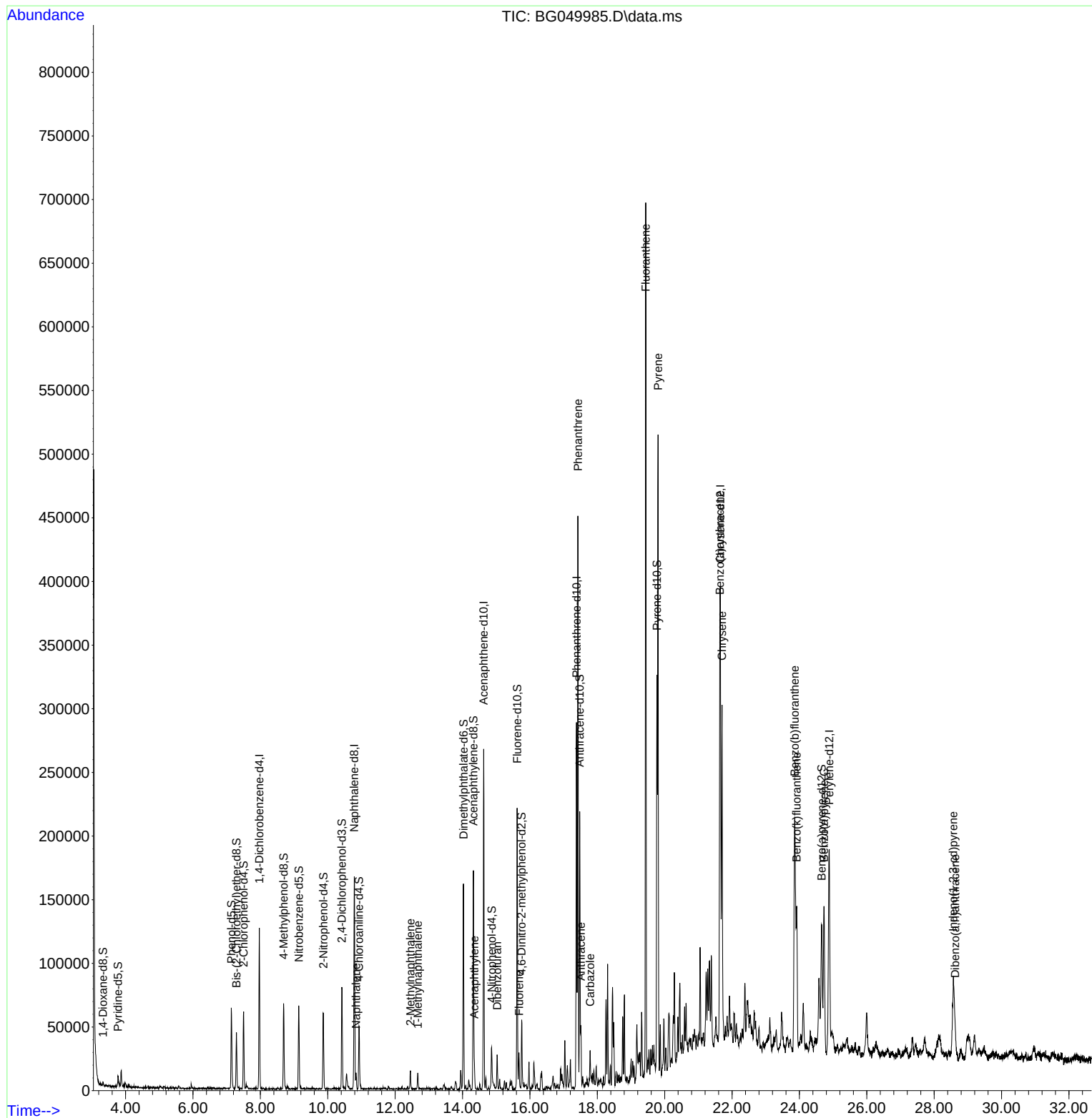
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Data File : BG049985.D
Acq On : 26 Aug 2021 21:37
Operator : CG/JU
Sample : M3458-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

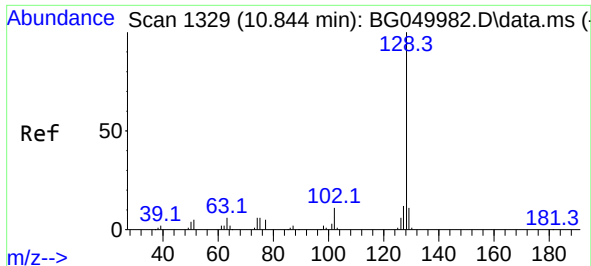
Instrument :
BNA_G
ClientSampleId :
C0AW8

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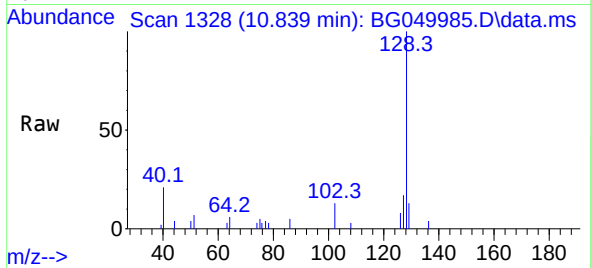
Quant Time: Aug 27 02:01:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.502 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

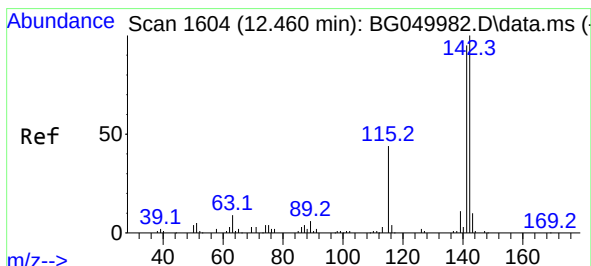
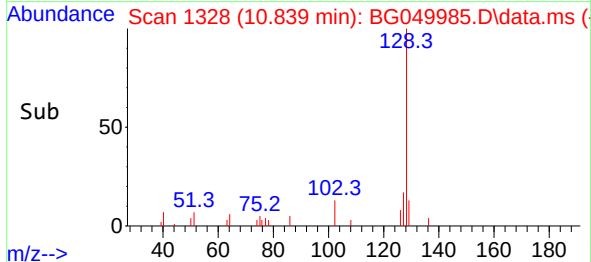
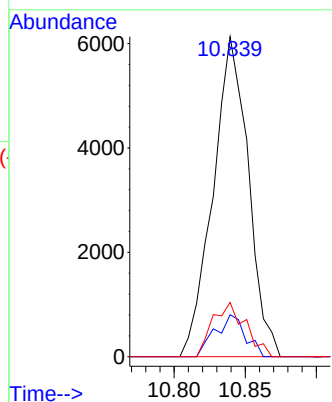
Instrument :
BNA_G
ClientSampled :
C0AW8



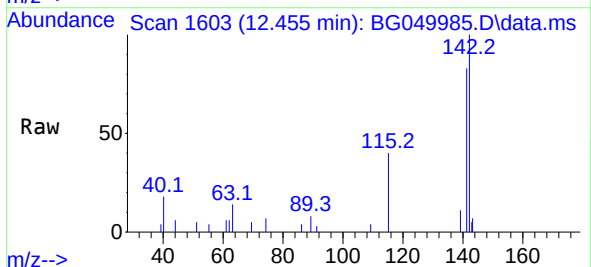
Tgt Ion:128 Resp: 10603
Ion Ratio Lower Upper
128 100
129 13.1 9.3 13.9
127 17.0 9.8 14.6#

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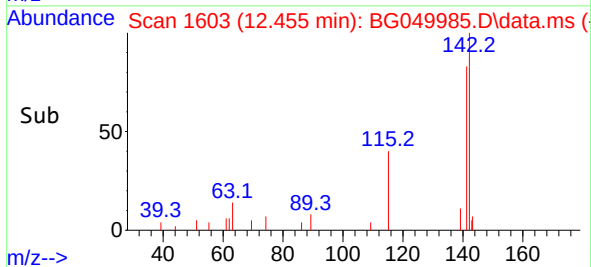
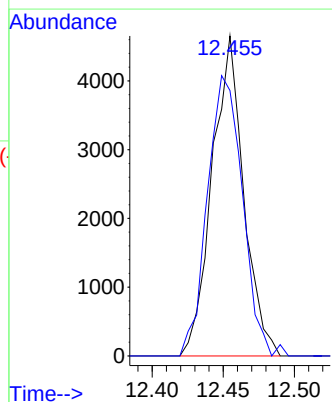
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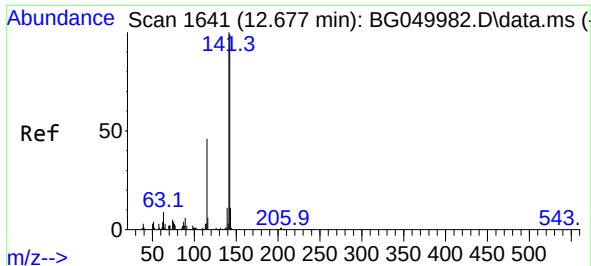


#36
2-Methylnaphthalene
Concen: 1.372 ng/ul
RT: 12.455 min Scan# 1603
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37



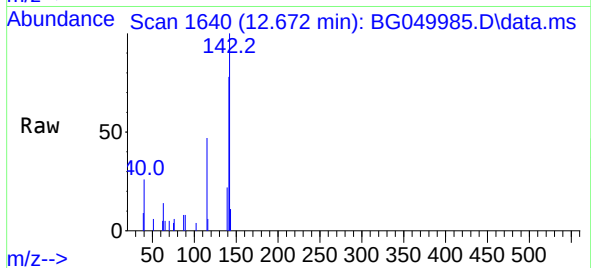
Tgt Ion:142 Resp: 7198
Ion Ratio Lower Upper
142 100
141 82.9 70.5 105.7





#37
1-Methylnaphthalene
Concen: 1.132 ng/ul
RT: 12.672 min Scan# 1640
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

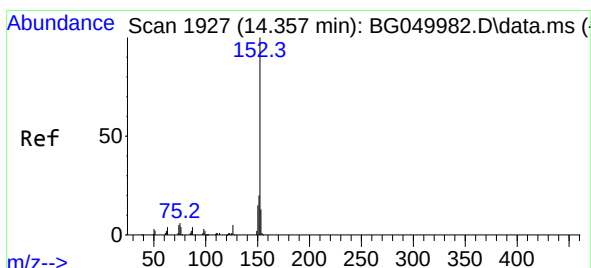
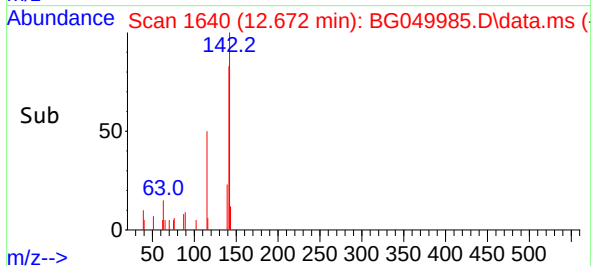
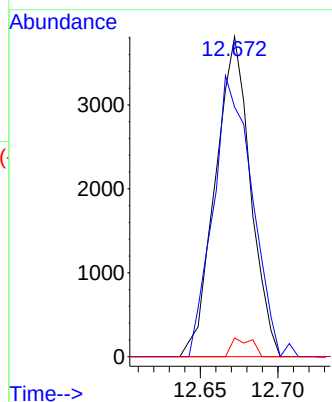
Instrument :
BNA_G
ClientSampled :
C0AW8



Tgt Ion:142 Resp: 5995
Ion Ratio Lower Upper
142 100
141 78.0 75.8 113.8
116 5.9 3.7 5.5#

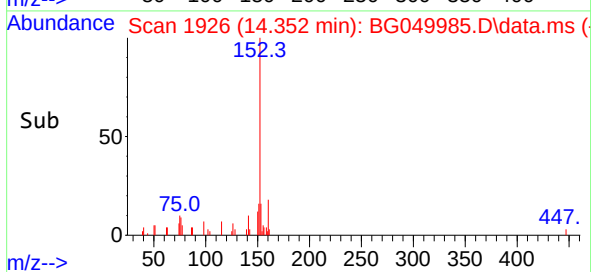
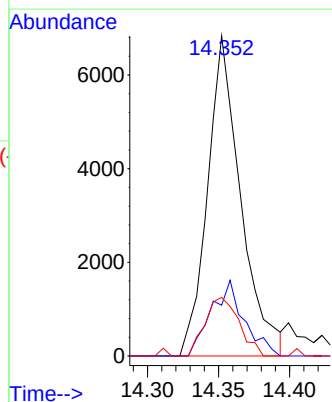
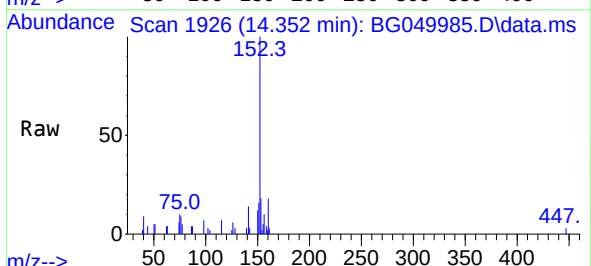
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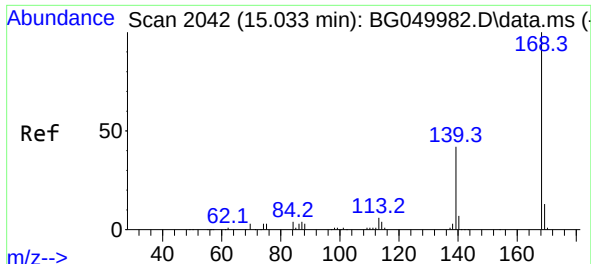
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#50
Acenaphthylene
Concen: 1.464 ng/ul
RT: 14.352 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

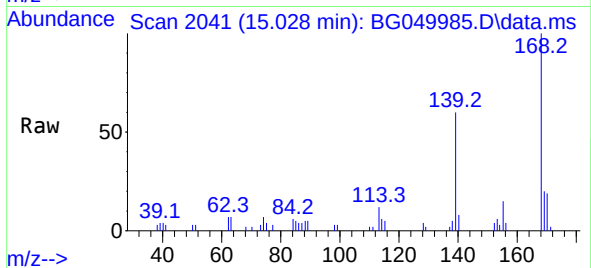
Tgt Ion:152 Resp: 11084
Ion Ratio Lower Upper
152 100
151 15.8 15.2 22.8
153 18.3 10.7 16.1#





#56
Dibenzofuran
Concen: 1.622 ng/ul
RT: 15.028 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

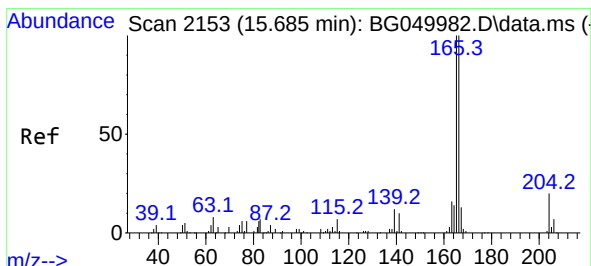
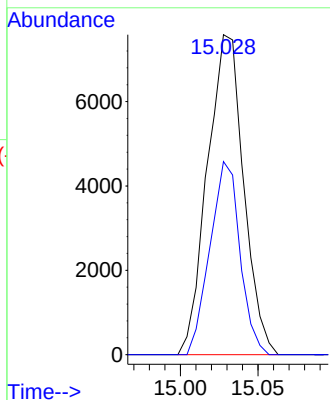
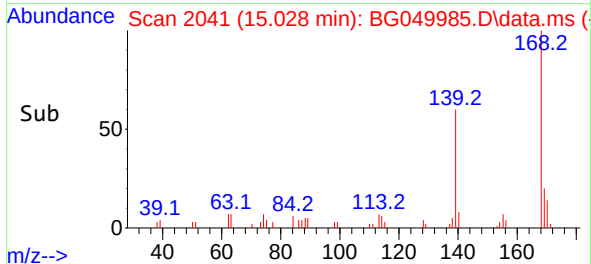
Instrument :
BNA_G
ClientSampled :
C0AW8



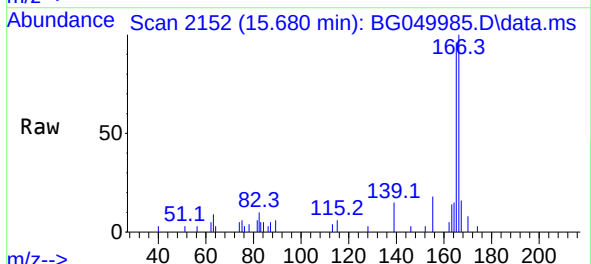
Tgt Ion:168 Resp: 12337
Ion Ratio Lower Upper
168 100
139 60.3 33.8 50.8#

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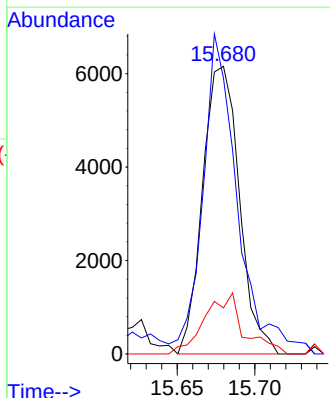
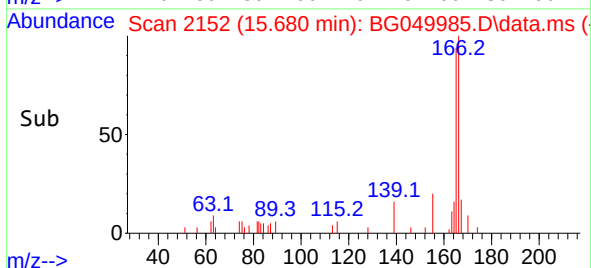
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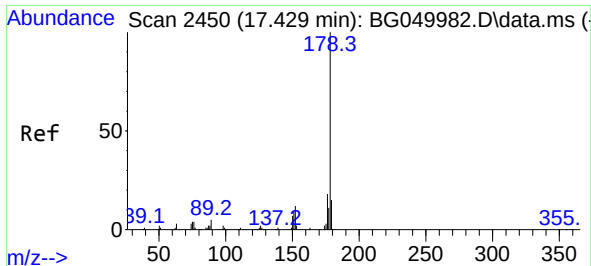


#61
Fluorene
Concen: 1.580 ng/ul
RT: 15.680 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37



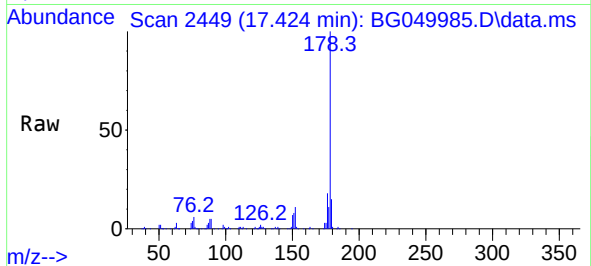
Tgt Ion:166 Resp: 10139
Ion Ratio Lower Upper
166 100
165 95.8 83.3 124.9
167 16.0 11.8 17.6





#72
Phenanthrene
Concen: 31.264 ng/ul
RT: 17.424 min Scan# 2449
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

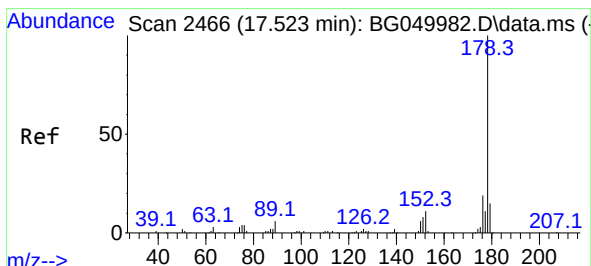
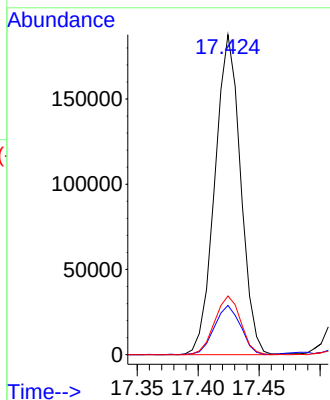
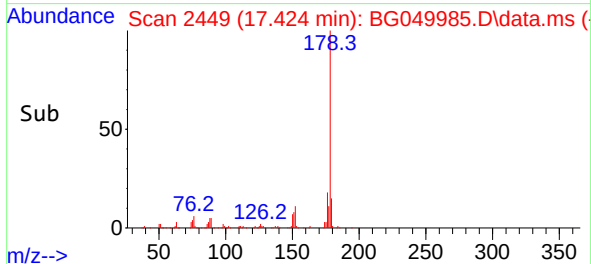
Instrument :
BNA_G
ClientSampled :
C0AW8



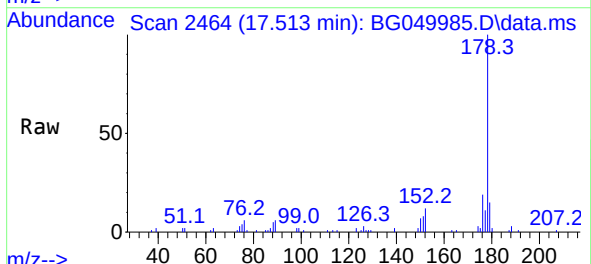
Tgt Ion:178 Resp: 276274
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 18.3 16.2 24.2

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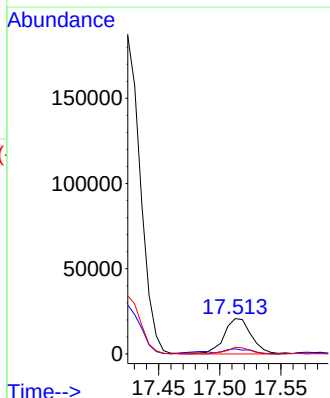
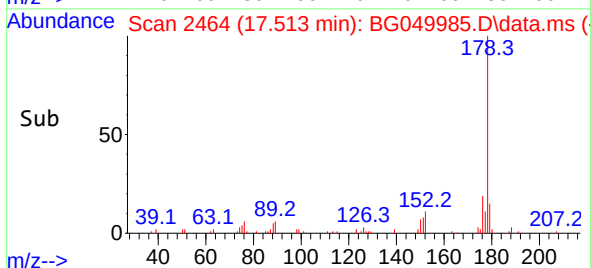
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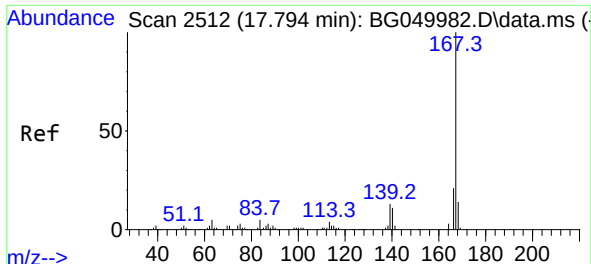


#74
Anthracene
Concen: 3.635 ng/ul m
RT: 17.513 min Scan# 2464
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37



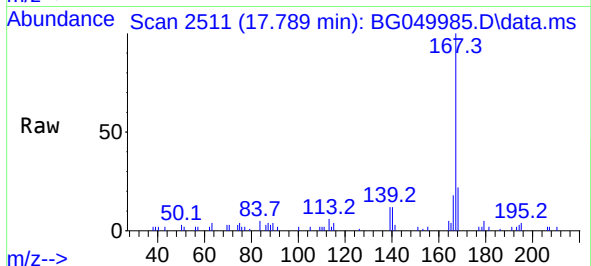
Tgt Ion:178 Resp: 32552
Ion Ratio Lower Upper
178 100
179 14.6 11.4 17.0
176 19.2 12.8 19.2#





#77
 Carbazole
 Concen: 2.046 ng/ul
 RT: 17.789 min Scan# 2511
 Delta R.T. -0.011 min
 Lab File: BG049985.D
 Acq: 26 Aug 2021 21:37

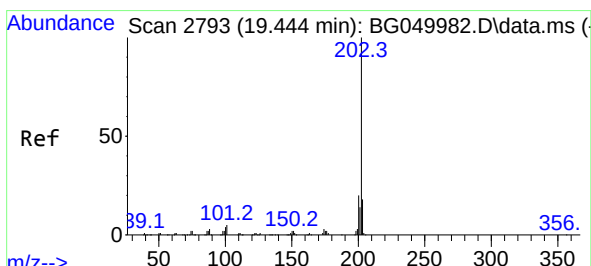
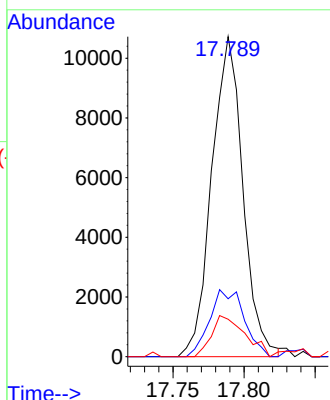
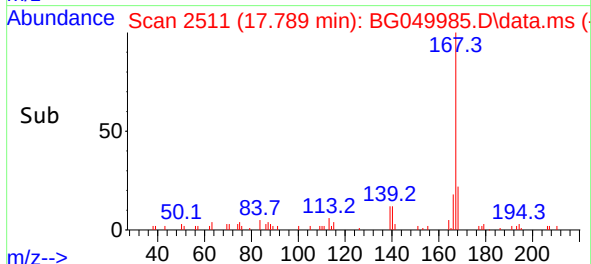
Instrument :
 BNA_G
 ClientSampled :
 C0AW8



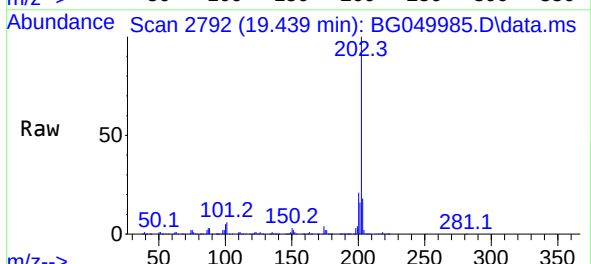
Tgt Ion:167 Resp: 16300
 Ion Ratio Lower Upper
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 166 18.1 17.8 26.8
 139 11.7 11.1 16.7

Manual Integrations
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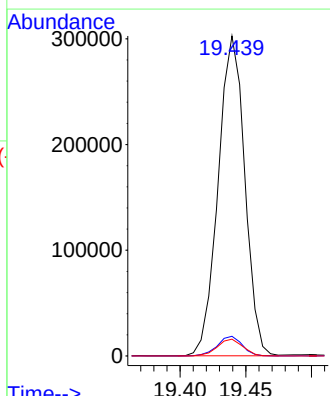
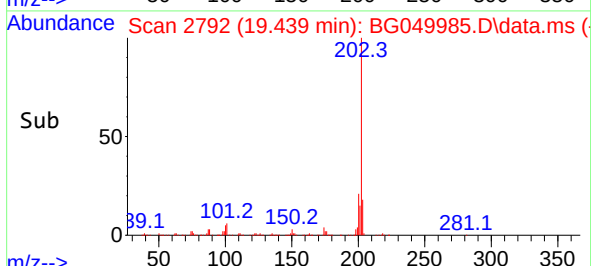
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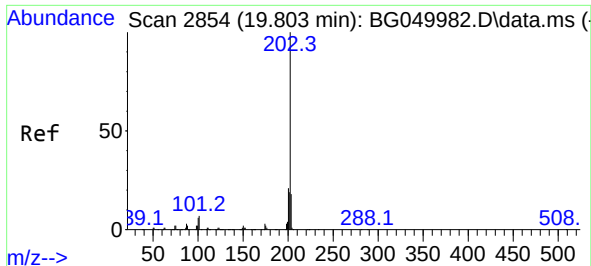


#80
 Fluoranthene
 Concen: 42.227 ng/ul
 RT: 19.439 min Scan# 2792
 Delta R.T. -0.005 min
 Lab File: BG049985.D
 Acq: 26 Aug 2021 21:37



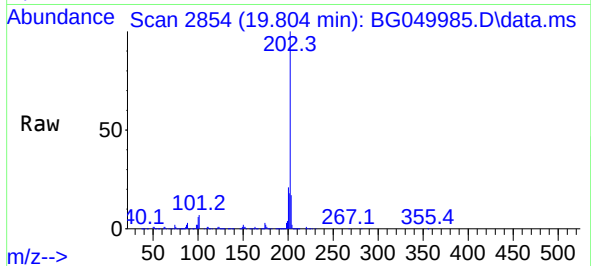
Tgt Ion:202 Resp: 426447
 Ion Ratio Lower Upper
 202 100
 101 6.2 4.3 6.5
 100 5.2 3.5 5.3





#82
Pyrene
Concen: 32.546 ng/ul
RT: 19.804 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

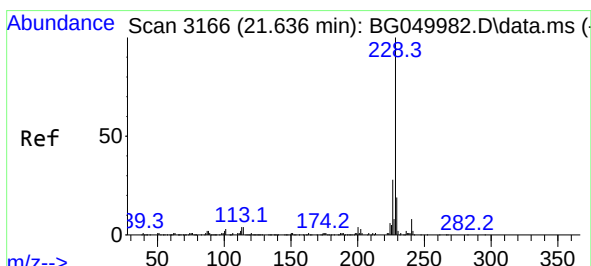
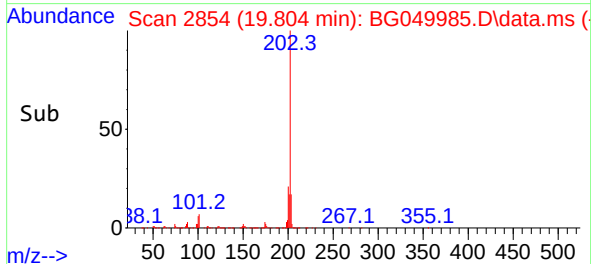
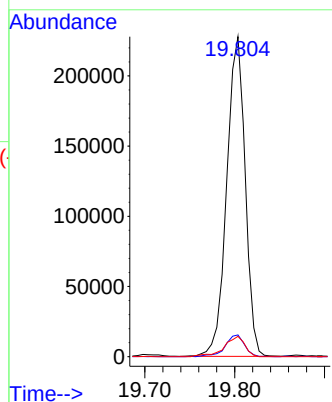
Instrument :
BNA_G
ClientSampled :
C0AW8



Tgt Ion:202 Resp: 325690
Ion Ratio Lower Upper
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101 6.8 5.4 8.0
100 6.4 5.0 7.6

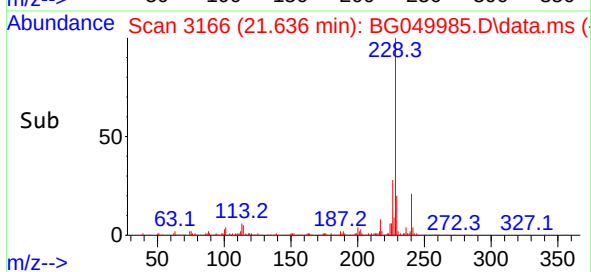
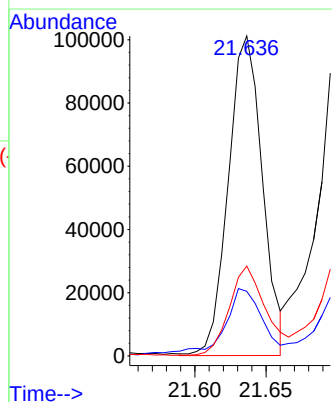
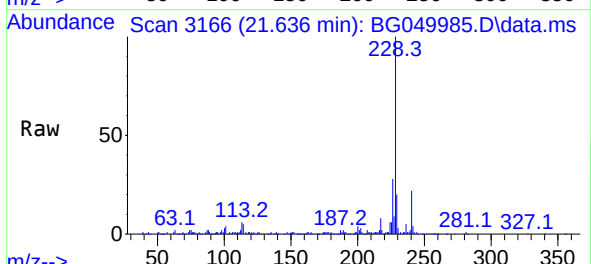
Manual Integrations
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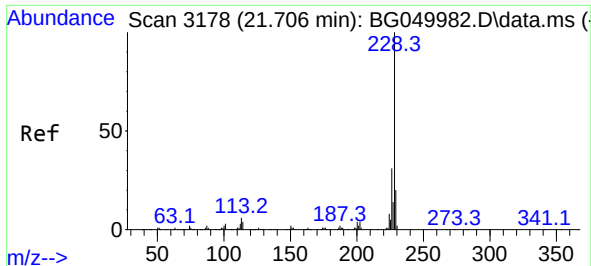
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8/27/2021 5:08:34 PM



#85
Benzo(a)anthracene
Concen: 17.911 ng/ul
RT: 21.636 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

Tgt Ion:228 Resp: 169021
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.4
226 28.1 21.0 31.4





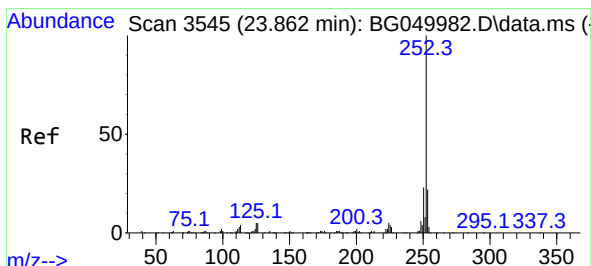
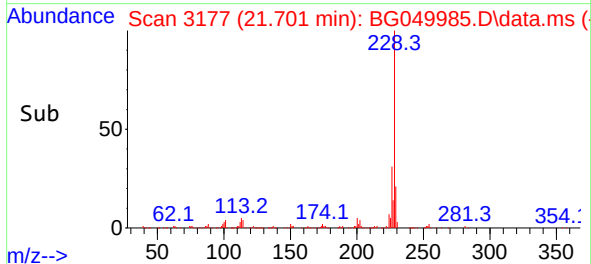
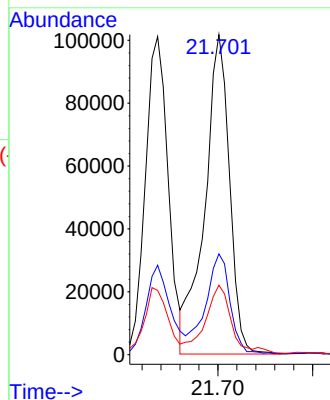
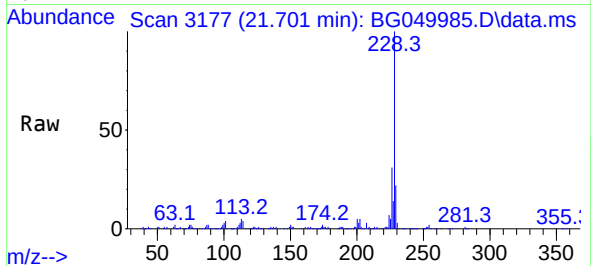
#87
Chrysene
Concen: 20.668 ng/u1
RT: 21.701 min Scan# 3177
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

Tgt Ion:228 Resp: 184364
Ion Ratio Lower Upper
228 100
226 31.5 23.0 34.4
229 21.7 17.8 26.6

Instrument :
BNA_G
ClientSampled :
C0AW8

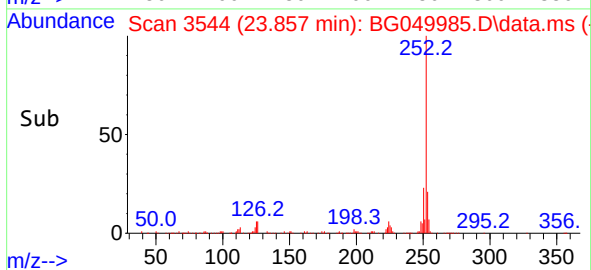
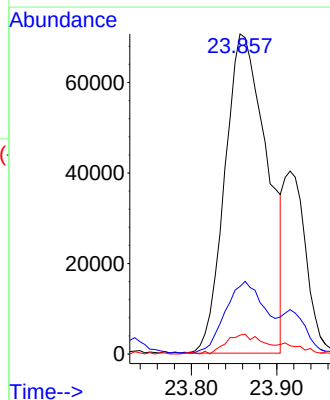
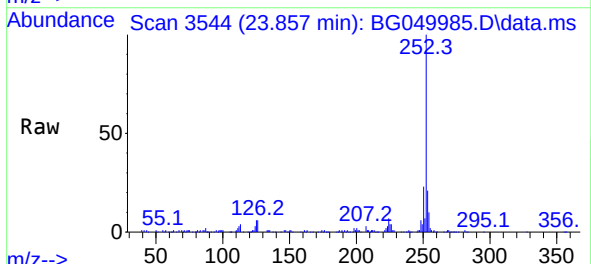
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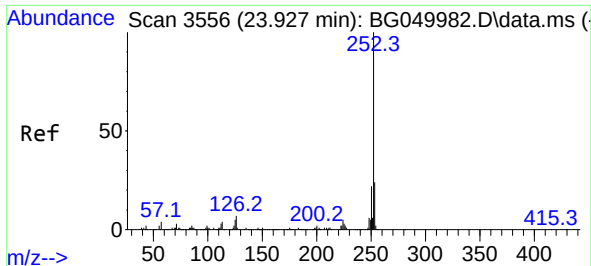
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#90
Benzo(b)fluoranthene
Concen: 23.992 ng/u1
RT: 23.857 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

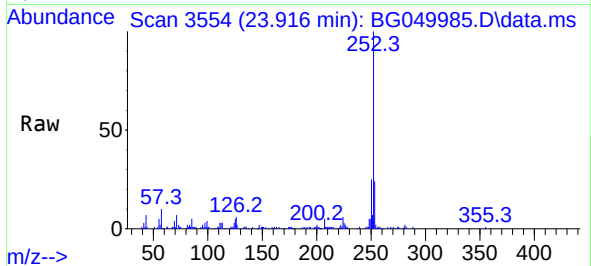
Tgt Ion:252 Resp: 242276
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 5.9 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 7.563 ng/ul m
RT: 23.916 min Scan# 3554
Delta R.T. -0.017 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37

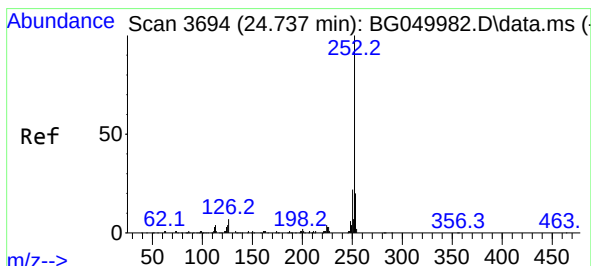
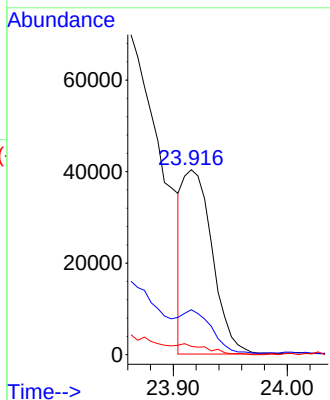
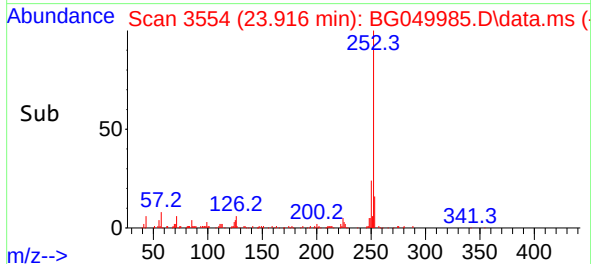
Instrument :
BNA_G
ClientSampled :
C0AW8



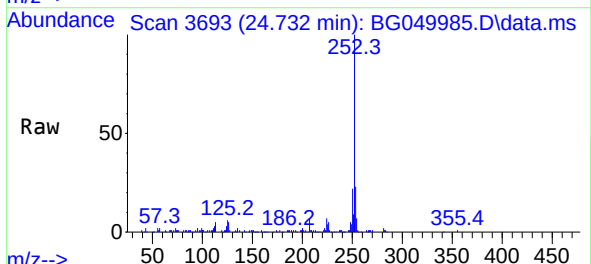
Tgt Ion:252 Resp: 72598
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 4.5 4.1 6.1

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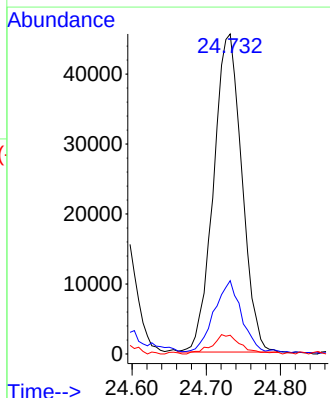
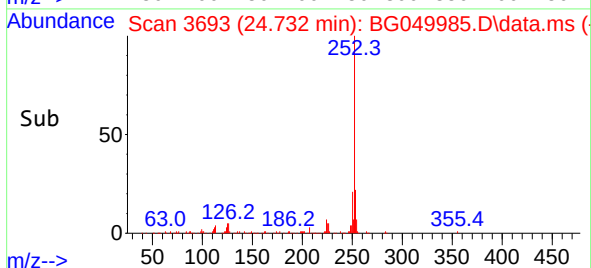
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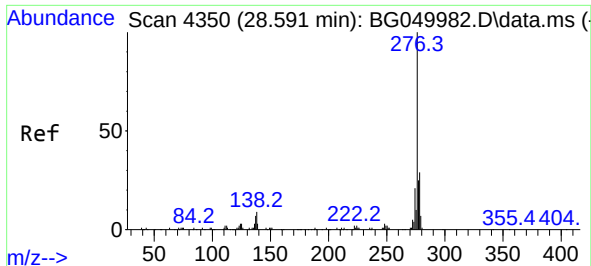


#93
Benzo(a)pyrene
Concen: 13.762 ng/ul
RT: 24.732 min Scan# 3693
Delta R.T. -0.011 min
Lab File: BG049985.D
Acq: 26 Aug 2021 21:37



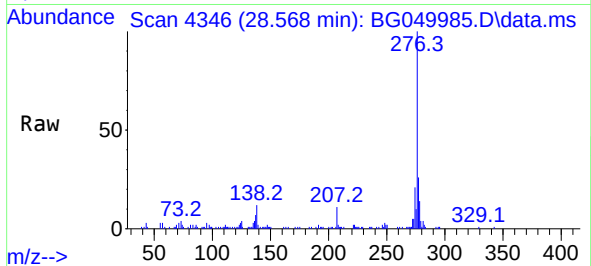
Tgt Ion:252 Resp: 120685
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 5.9 4.4 6.6





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 8.808 ng/ul
 RT: 28.568 min Scan# 4346
 Delta R.T. -0.022 min
 Lab File: BG049985.D
 Acq: 26 Aug 2021 21:37

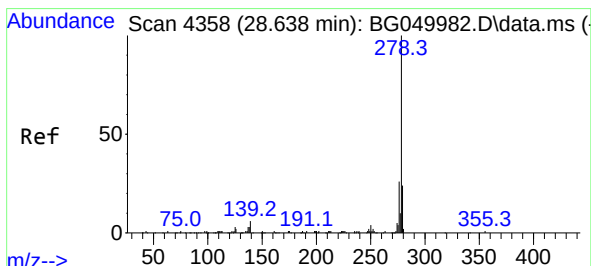
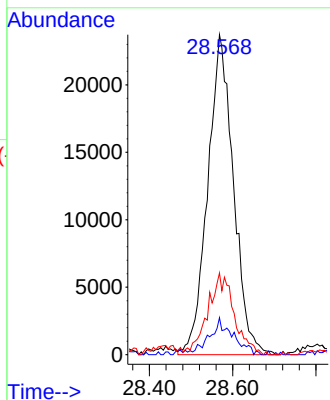
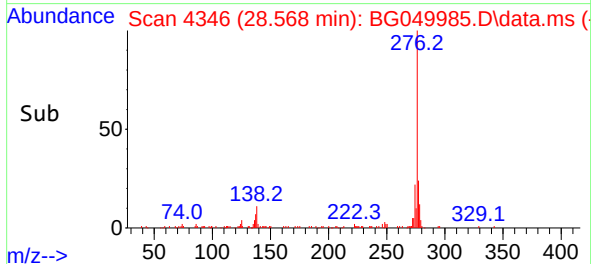
Instrument :
 BNA_G
 ClientSampled :
 C0AW8



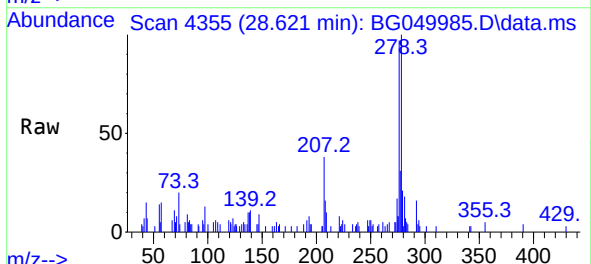
Tgt Ion:276 Resp: 101894
 Ion Ratio Lower Upper
 276 100
 138 11.5 5.5 8.3#
 277 25.5 18.6 27.8

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#95
 Dibenzo(a,h)anthracene
 Concen: 3.134 ng/ul m
 RT: 28.621 min Scan# 4355
 Delta R.T. -0.022 min
 Lab File: BG049985.D
 Acq: 26 Aug 2021 21:37



Tgt Ion:278 Resp: 30355
 Ion Ratio Lower Upper
 278 100
 139 11.0 5.2 7.8#
 279 20.7 19.0 28.4

