

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050109.D
 Acq On : 2 Sep 2021 23:15
 Operator : CG/JU
 Sample : M3526-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C8

Manual Integrations
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Quant Time: Sep 03 00:59:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	29612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	119140	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.613	164	70986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	132804	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.645	240	137192	20.000	ng/ul	0.00
88) Perylene-d12	24.870	264	143679	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	1525	2.656	ng/uL	0.00
4) Pyridine-d5	3.763	84	7702m	4.453	ng/ul	0.02
7) Phenol-d5	7.123	99	37024	14.724	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	24411	17.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	30260	16.083	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	21772	10.994	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	15640	16.933	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	16844	15.315	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.407	165	29317	14.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	26917	10.081	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	94145	17.330	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	115700	18.164	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	8472	10.779	ng/ul	0.00
60) Fluorene-d10	15.612	176	78531	17.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.753	200	11506	13.467	ng/ul	0.00
73) Anthracene-d10	17.474	188	118383	19.851	ng/ul	0.00
81) Pyrene-d10	19.765	212	135653	18.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	127441	16.719	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.824	128	6044	1.015	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	4989	1.127	ng/ul	91
37) 1-Methylnaphthalene	12.657	142	4469	1.000	ng/ul#	94
52) Acenaphthene	14.684	153	5264	1.246	ng/ul#	94
61) Fluorene	15.665	166	5818	1.179	ng/ul#	98
72) Phenanthrene	17.415	178	76886	11.613	ng/ul	98
74) Anthracene	17.509	178	18237	2.718	ng/ul#	78
77) Carbazole	17.774	167	8841	1.481	ng/ul#	53
80) Fluoranthene	19.430	202	124219	13.578	ng/ul#	99
82) Pyrene	19.795	202	119151	13.143	ng/ul	98
85) Benzo(a)anthracene	21.627	228	62037	7.257	ng/ul	94
87) Chrysene	21.692	228	64655	8.001	ng/ul	97
90) Benzo(b)fluoranthene	23.842	252	75228	8.185	ng/ul#	98
91) Benzo(k)fluoranthene	23.901	252	25302	2.896	ng/ul#	87
93) Benzo(a)pyrene	24.717	252	42934	5.379	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.559	276	35785m	3.399	ng/ul	
95) Dibenzo(a,h)anthracene	28.600	278	12490m	1.417	ng/ul	

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

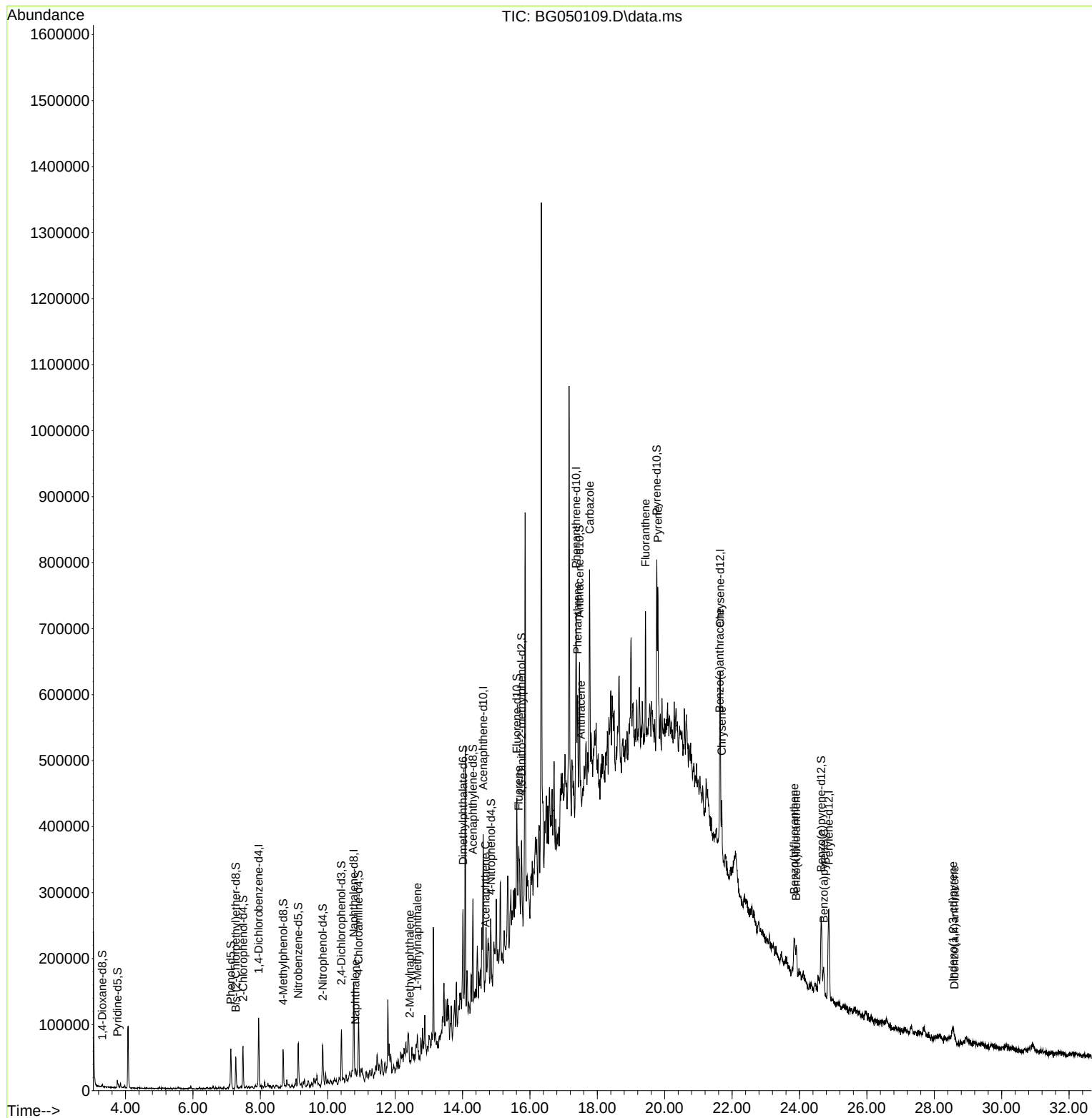
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050109.D
Acq On : 2 Sep 2021 23:15
Operator : CG/JU
Sample : M3526-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

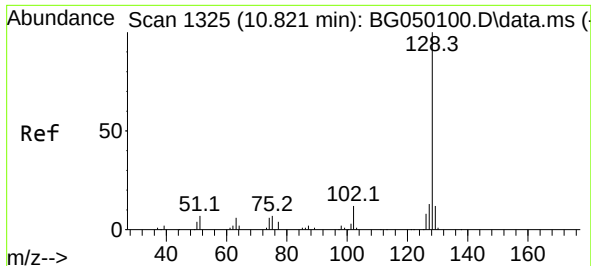
Instrument :
BNA_G
ClientSampleId :
EW7C8

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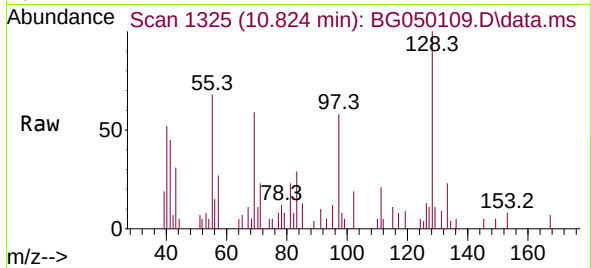
Quant Time: Sep 03 00:59:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.015 ng/ul
RT: 10.824 min Scan# 1325
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

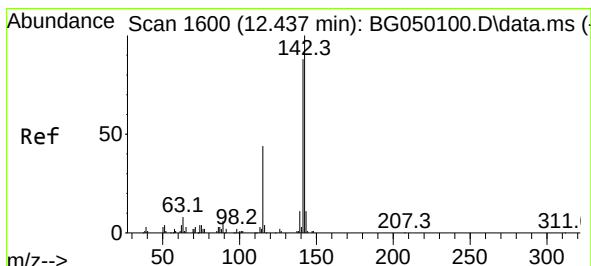
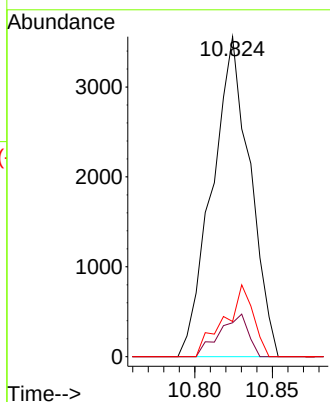
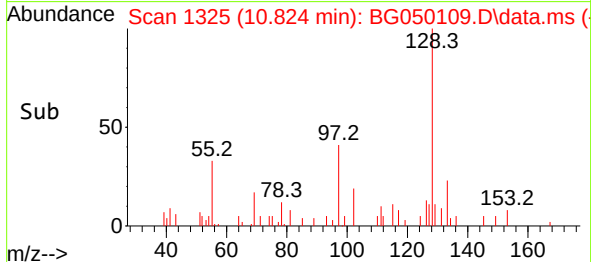
Instrument :
BNA_G
ClientSampled :
EW7C8



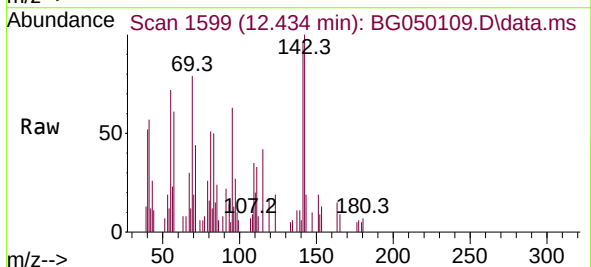
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.3	13.9
127	11.0	9.8	14.6

Manual Integrations
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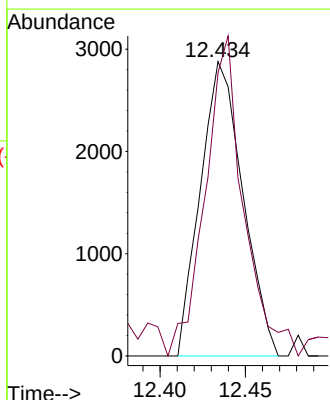
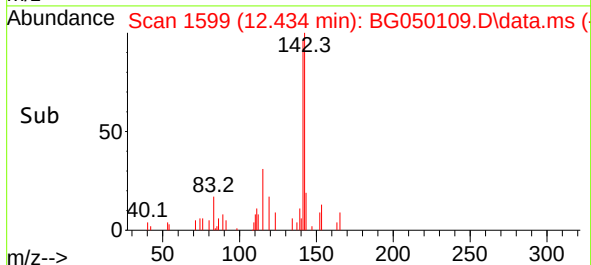
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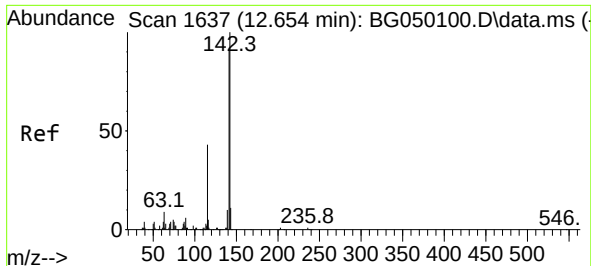


#36
2-Methylnaphthalene
Concen: 1.127 ng/ul
RT: 12.434 min Scan# 1599
Delta R.T. -0.009 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15



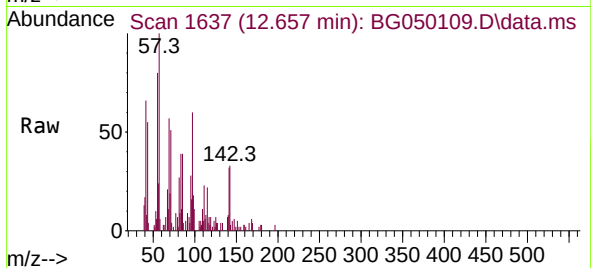
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	70.5	105.7





#37
1-Methylnaphthalene
Concen: 1.000 ng/ul
RT: 12.657 min Scan# 1637
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

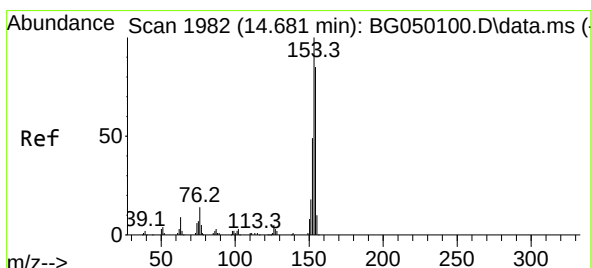
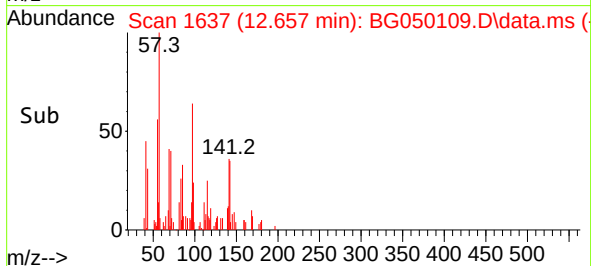
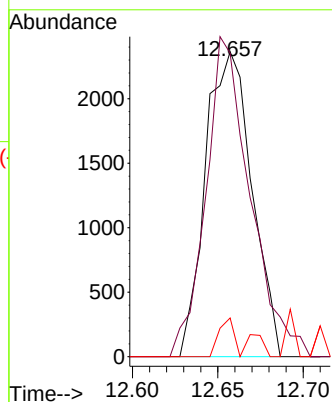
Instrument :
BNA_G
ClientSampled :
EW7C8



Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.5	75.8	113.8
116	12.7	3.7	5.5#

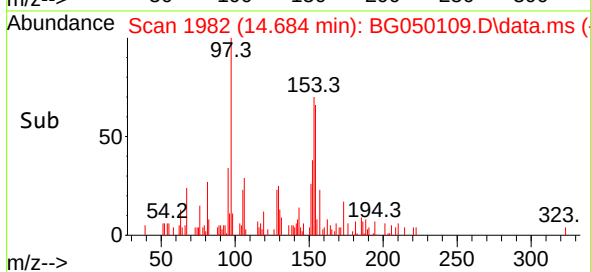
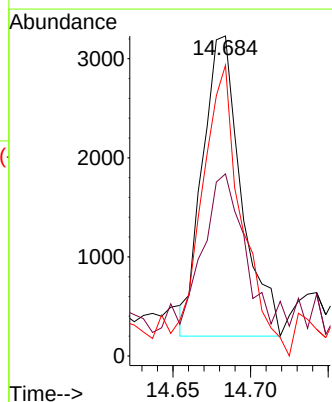
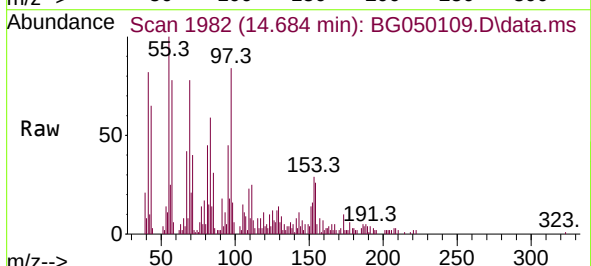
Manual Integrations
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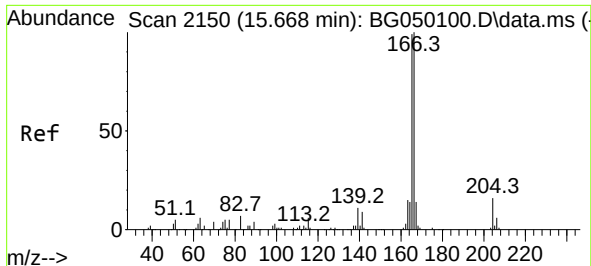
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#52
Acenaphthene
Concen: 1.246 ng/ul
RT: 14.684 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

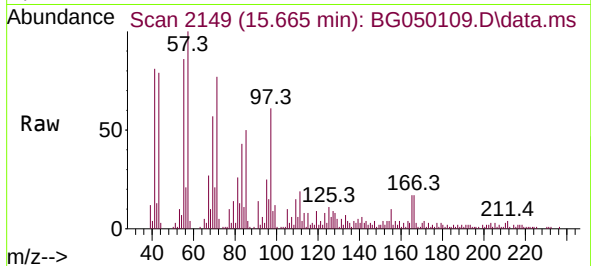
Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.9	37.4	56.2#
154	90.9	71.5	107.3





#61
Fluorene
Concen: 1.179 ng/ul
RT: 15.665 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

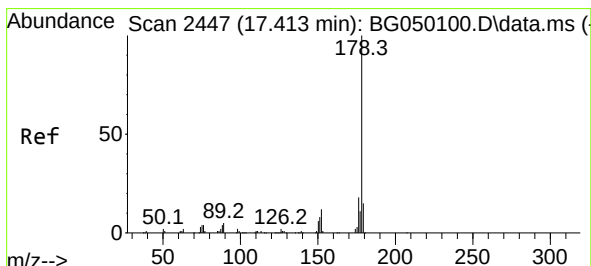
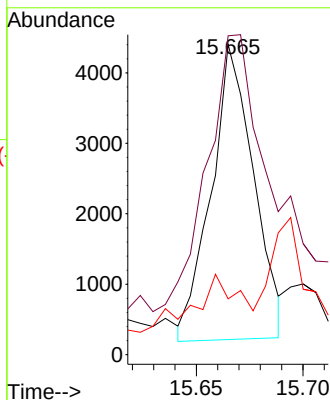
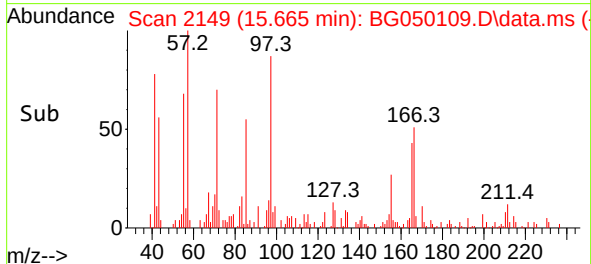
Instrument :
BNA_G
ClientSampled :
EW7C8



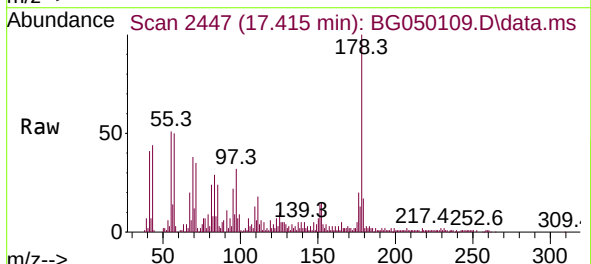
Tgt Ion:166 Resp: 5818
Ion Ratio Lower Upper
166 100
165 102.8 83.3 124.9
167 18.0 11.8 17.6#

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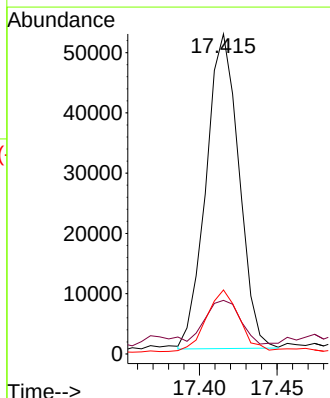
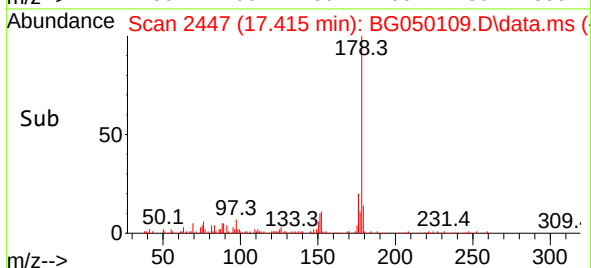
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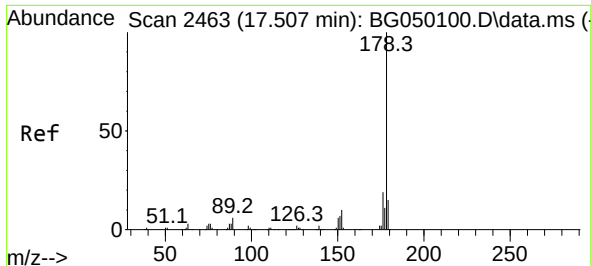


#72
Phenanthrene
Concen: 11.613 ng/ul
RT: 17.415 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15



Tgt Ion:178 Resp: 76886
Ion Ratio Lower Upper
178 100
179 16.8 11.7 17.5
176 20.0 16.2 24.2





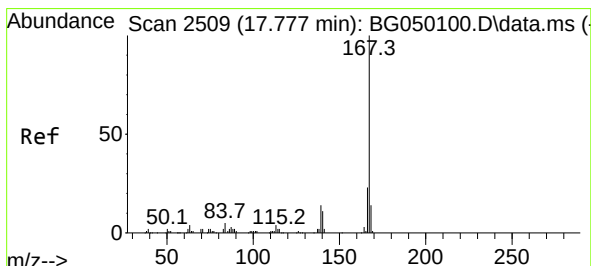
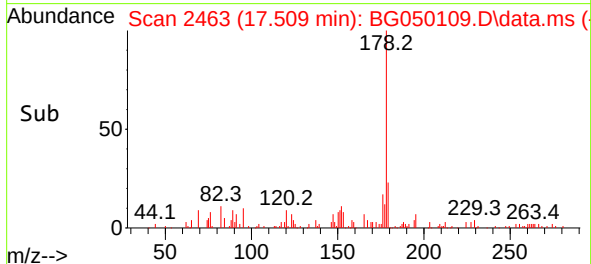
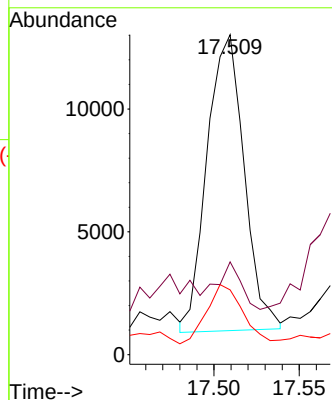
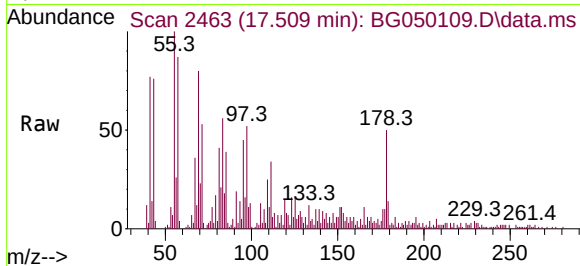
#74
 Anthracene
 Concen: 2.718 ng/ul
 RT: 17.509 min Scan# 2463
 Delta R.T. 0.003 min
 Lab File: BG050109.D
 Acq: 2 Sep 2021 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.0	11.4	17.0#
176	20.2	12.8	19.2#

Instrument :
 BNA_G
 ClientSampled :
 EW7C8

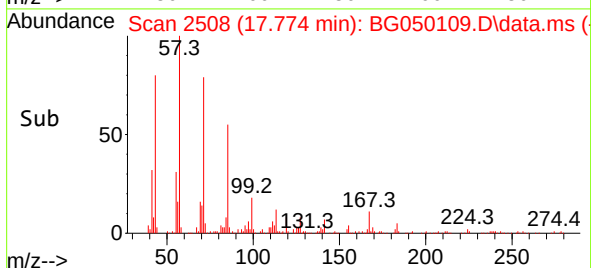
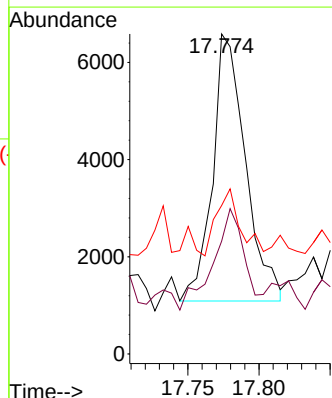
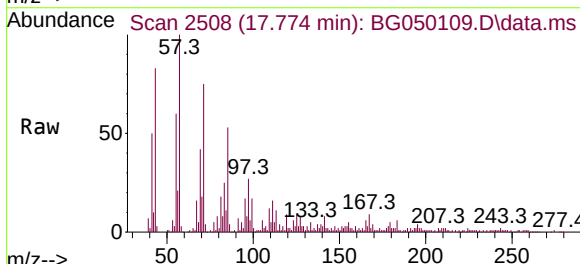
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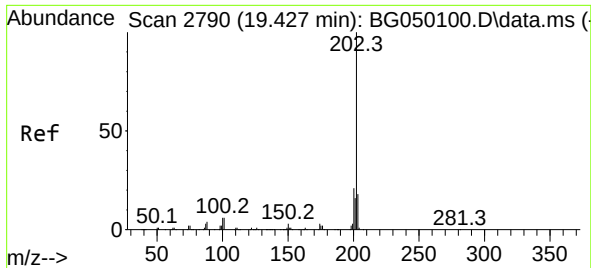
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#77
 Carbazole
 Concen: 1.481 ng/ul
 RT: 17.774 min Scan# 2508
 Delta R.T. -0.009 min
 Lab File: BG050109.D
 Acq: 2 Sep 2021 23:15

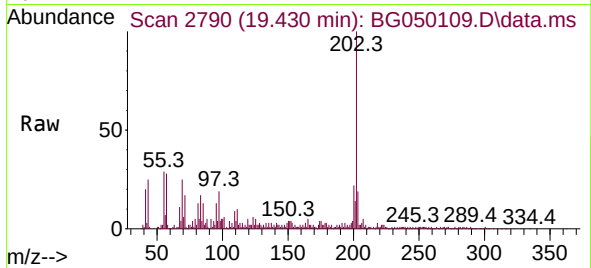
Tgt Ion	Ratio	Lower	Upper
167	100		
166	35.3	17.8	26.8#
139	46.4	11.1	16.7#





#80
Fluoranthene
Concen: 13.578 ng/ul
RT: 19.430 min Scan# 2790
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

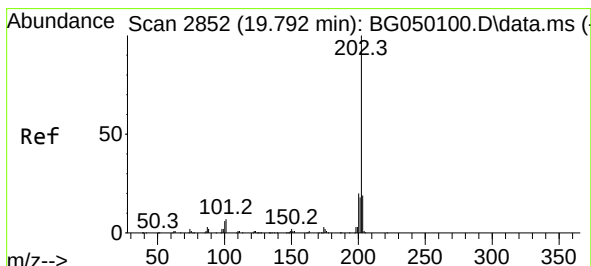
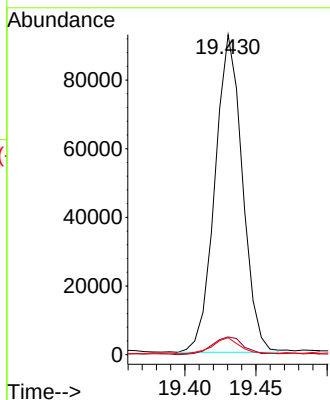
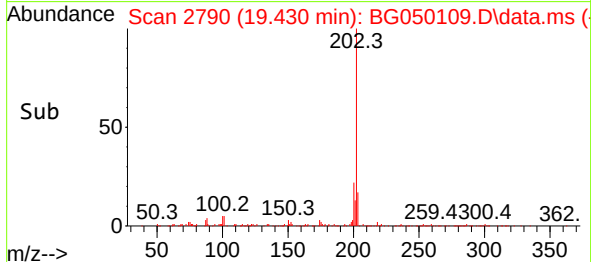
Instrument :
BNA_G
ClientSampled :
EW7C8



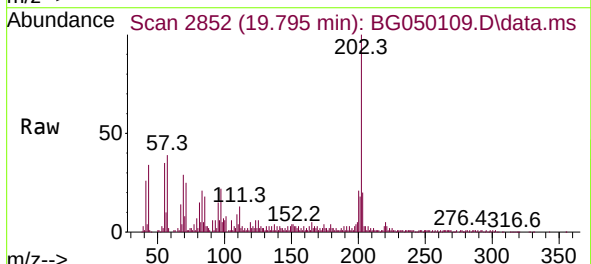
Tgt Ion:202 Resp: 124219
Ion Ratio Lower Upper
202 100
101 5.6 4.3 6.5
100 5.3 3.5 5.3#

Manual Integrations
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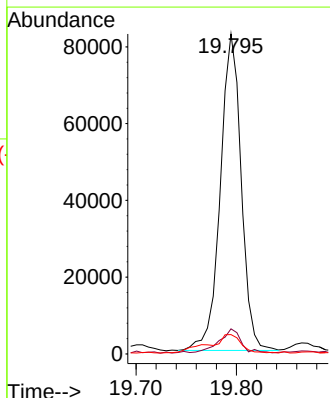
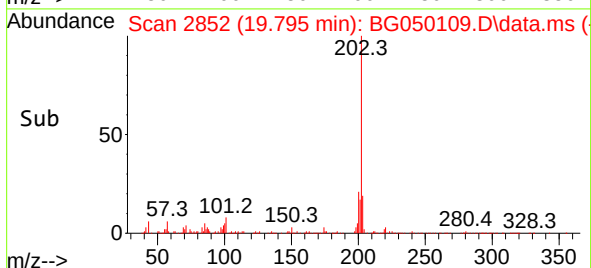
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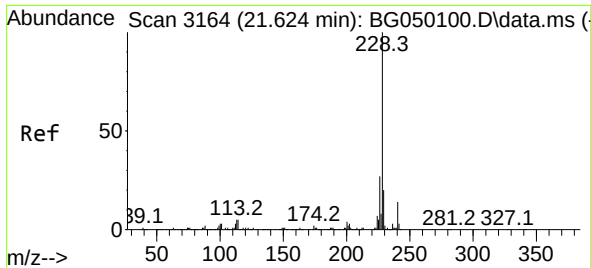


#82
Pyrene
Concen: 13.143 ng/ul
RT: 19.795 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15



Tgt Ion:202 Resp: 119151
Ion Ratio Lower Upper
202 100
101 7.9 5.4 8.0
100 6.1 5.0 7.6





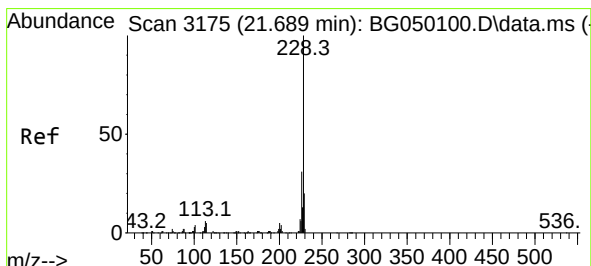
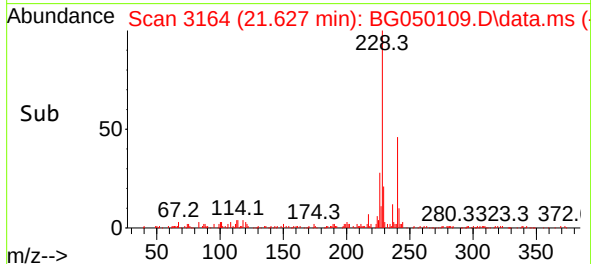
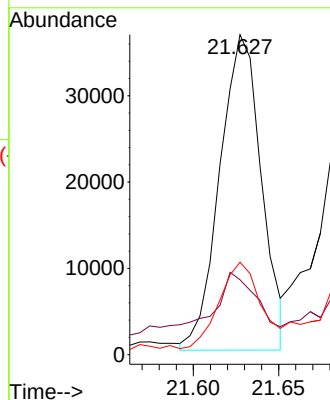
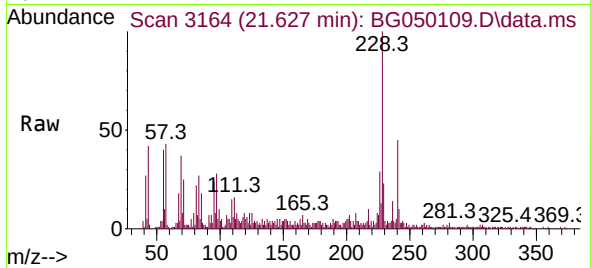
#85
Benzo(a)anthracene
Concen: 7.257 ng/ul
RT: 21.627 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

Tgt Ion:	228	Resp:	62037
Ion Ratio	Lower	Upper	
228	100		
229	23.4	16.2	24.4
226	28.9	21.0	31.4

Instrument :
BNA_G
ClientSampled :
EW7C8

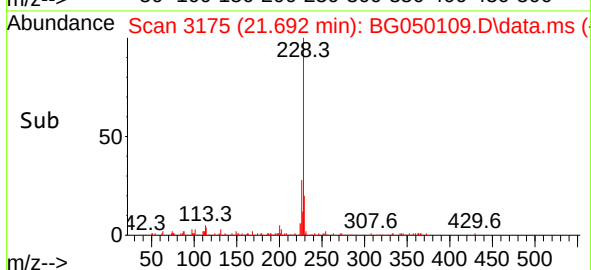
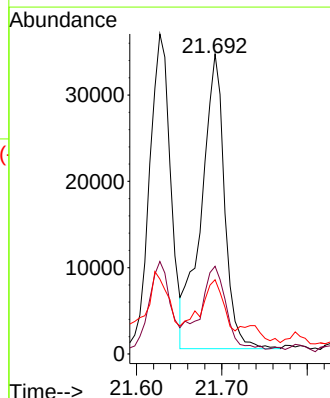
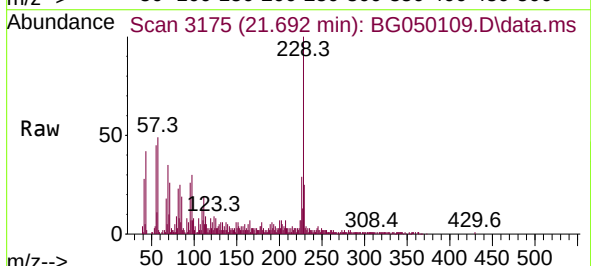
Manual Integrations
APPROVED

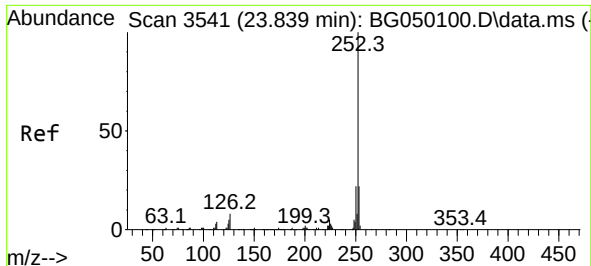
mohammad
9/3/2021 3:32:06 PM



#87
Chrysene
Concen: 8.001 ng/ul
RT: 21.692 min Scan# 3175
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

Tgt Ion:	228	Resp:	64655
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.0	34.4
229	24.8	17.8	26.6





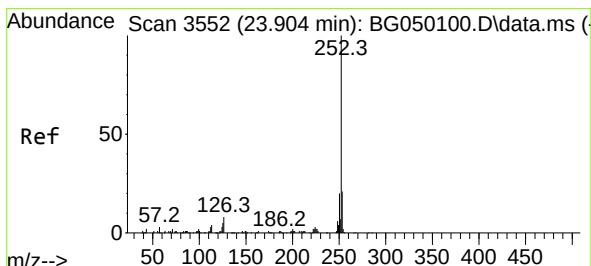
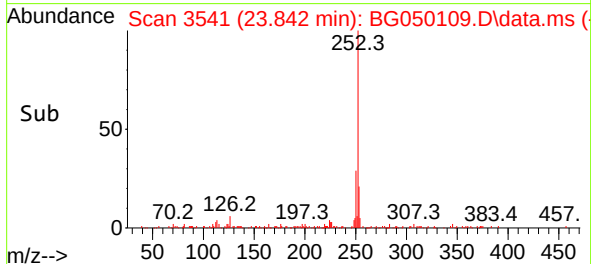
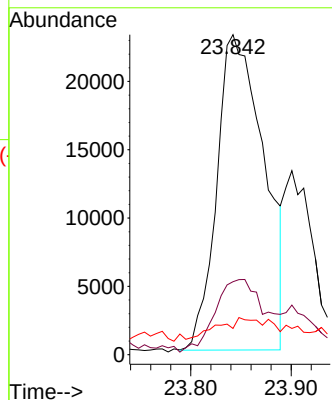
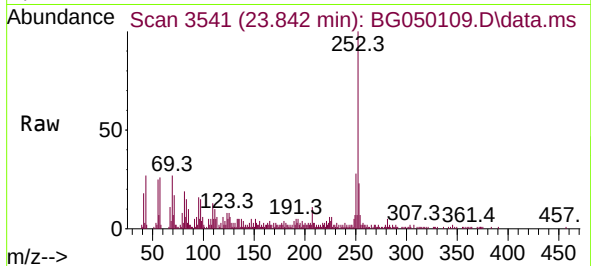
#90
Benzo(b)fluoranthene
Concen: 8.185 ng/ul
RT: 23.842 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

Tgt Ion:252 Resp: 75228
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 8.2 3.4 5.0#

Instrument :
BNA_G
ClientSampled :
EW7C8

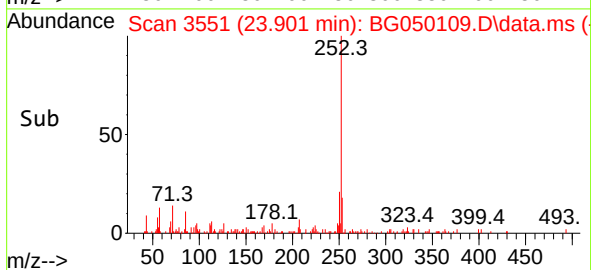
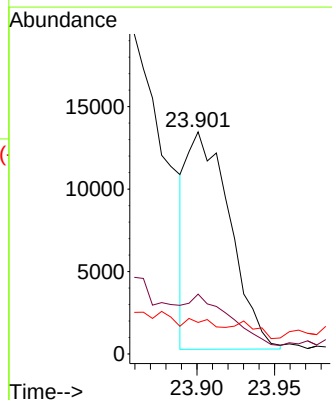
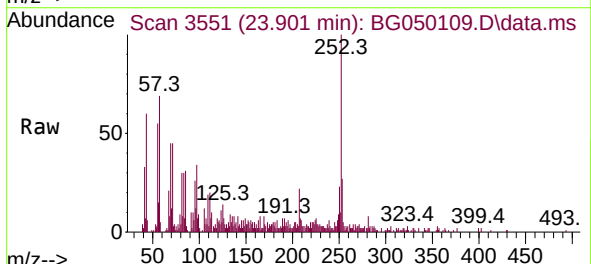
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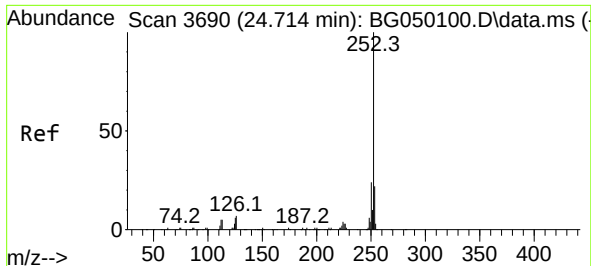
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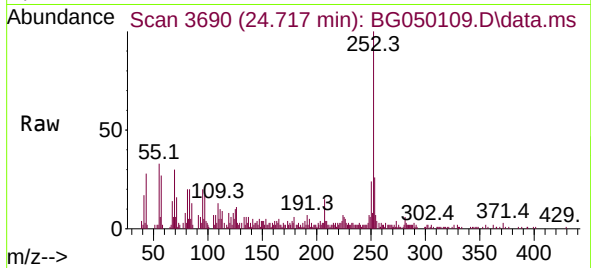
#91
Benzo(k)fluoranthene
Concen: 2.896 ng/ul
RT: 23.901 min Scan# 3551
Delta R.T. -0.009 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15

Tgt Ion:252 Resp: 25302
Ion Ratio Lower Upper
252 100
253 27.0 17.7 26.5#
125 14.2 4.1 6.1#

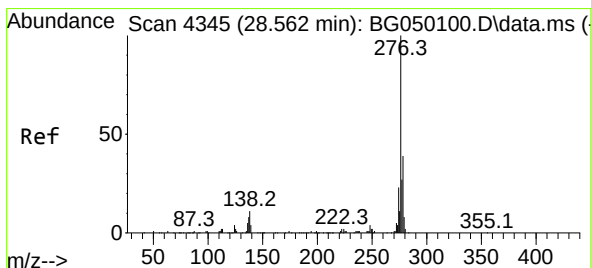
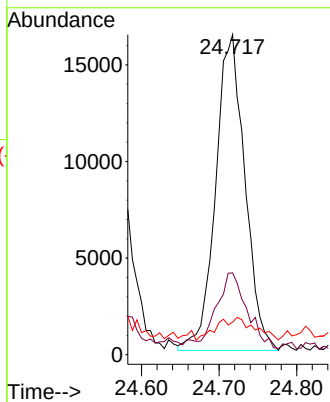
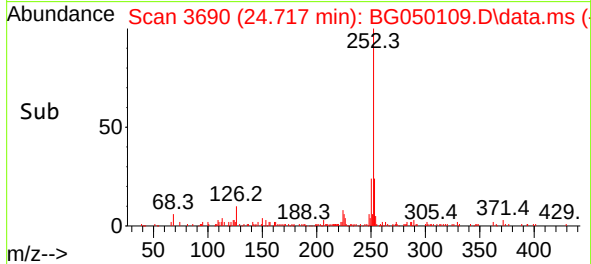




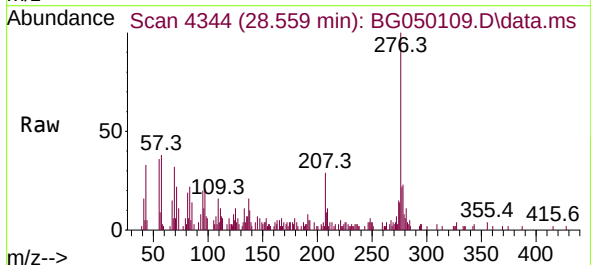
#93
Benzo(a)pyrene
Concen: 5.379 ng/ul
RT: 24.717 min Scan# 3690
Delta R.T. -0.003 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15



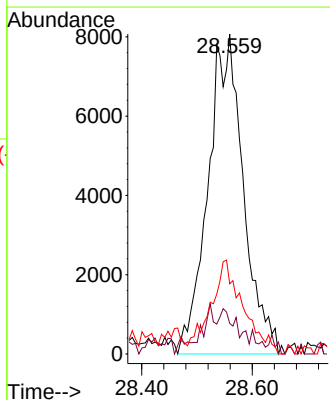
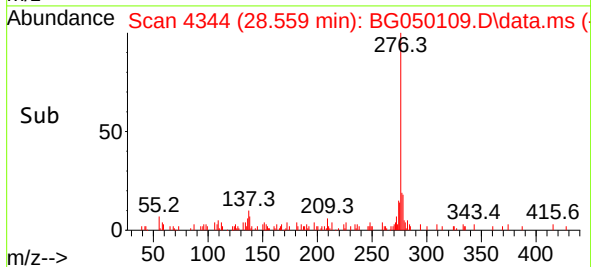
Tgt Ion:252 Resp: 42934
Ion Ratio Lower Upper
252 100
253 25.5 17.0 25.4#
125 10.2 4.4 6.6#



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.399 ng/ul m
RT: 28.559 min Scan# 4344
Delta R.T. -0.009 min
Lab File: BG050109.D
Acq: 2 Sep 2021 23:15



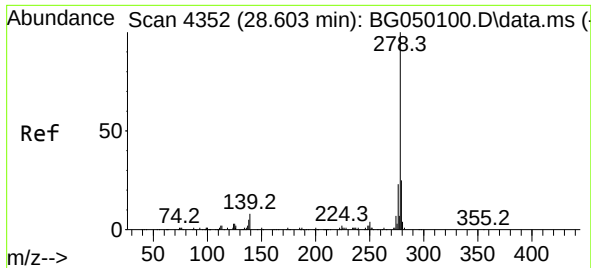
Tgt Ion:276 Resp: 35785
Ion Ratio Lower Upper
276 100
138 9.5 5.5 8.3#
277 22.0 18.6 27.8



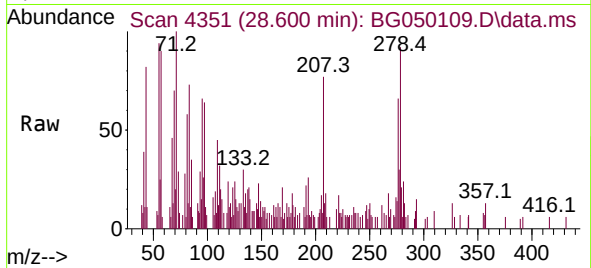
Instrument :
BNA_G
ClientSampled :
EW7C8

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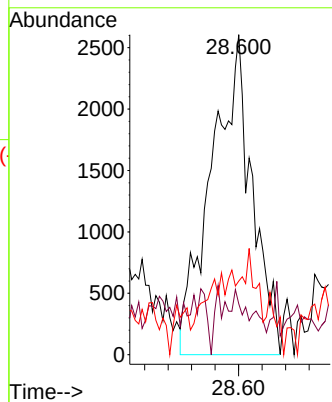
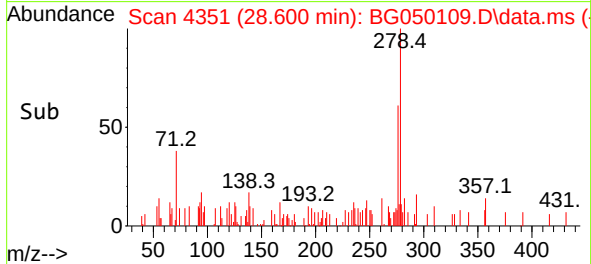
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#95
 Dibenzo(a,h)anthracene
 Concen: 1.417 ng/ul m
 RT: 28.600 min Scan# 4351
 Delta R.T. -0.003 min
 Lab File: BG050109.D
 Acq: 2 Sep 2021 23:15



Tgt Ion:	278	Resp:	12490
Ion Ratio	Lower	Upper	
278	100		
139	15.9	5.2	7.8#
279	23.0	19.0	28.4



Instrument :
 BNA_G
 ClientSampleId :
 EW7C8

Manual Integrations
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