

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049515.D
 Acq On : 27 Jul 2021 20:03
 Operator : CG/JU
 Sample : M3091-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0049

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:30:00 AM

Quant Time: Jul 28 04:37:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	22031	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	101210	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	76619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	156196	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	143941	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	151189	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	985m	2.045	ng/uL	0.00
4) Pyridine-d5	3.866	84	10070	7.281	ng/ul	0.01
7) Phenol-d5	7.202	99	30442	15.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	18186	16.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	22957	16.430	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	23342	15.887	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	12309	15.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	15026	16.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	26105	15.741	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	32062	13.872	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	94322	16.071	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	111204	16.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	12637m	13.075	ng/ul	0.00
60) Fluorene-d10	15.691	176	83246	16.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	11272	11.646	ng/ul	0.00
73) Anthracene-d10	17.547	188	128672	17.725	ng/ul	0.00
81) Pyrene-d10	19.832	212	144364	19.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	140494	17.680	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.921	128	5862	1.124	ng/ul#	94
36) 2-Methylnaphthalene	12.524	142	6448	1.690	ng/ul#	71
37) 1-Methylnaphthalene	12.748	142	4496	1.166	ng/ul#	75
72) Phenanthrene	17.488	178	18783	2.310	ng/ul	97
80) Fluoranthene	19.497	202	12590	1.409	ng/ul#	91
82) Pyrene	19.862	202	11600	1.307	ng/ul#	94
85) Benzo(a)anthracene	21.706	228	10395	1.181	ng/ul#	86
87) Chrysene	21.771	228	12774m	1.517	ng/ul	
90) Benzo(b)fluoranthene	23.962	252	14146m	1.493	ng/ul	

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

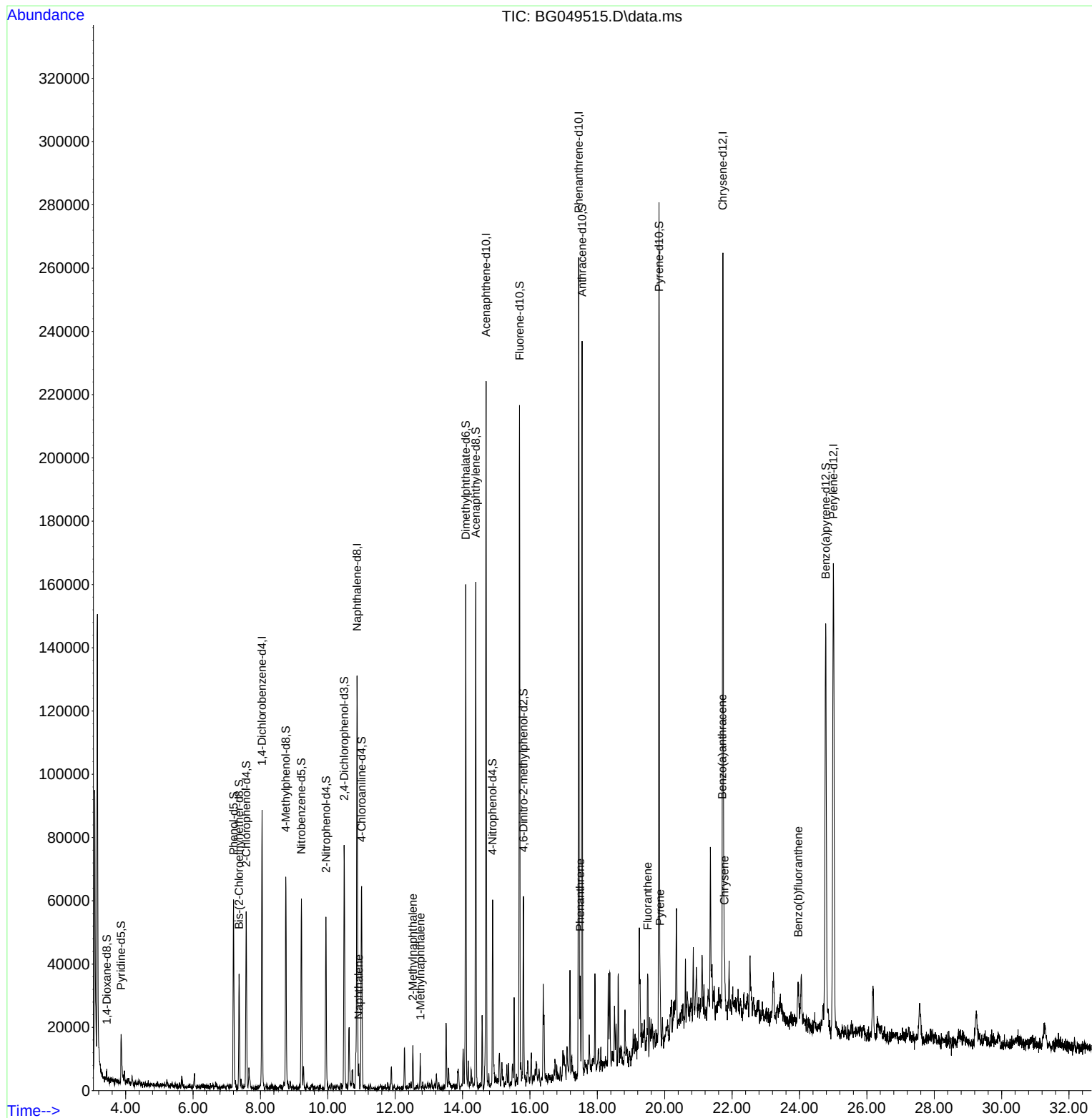
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

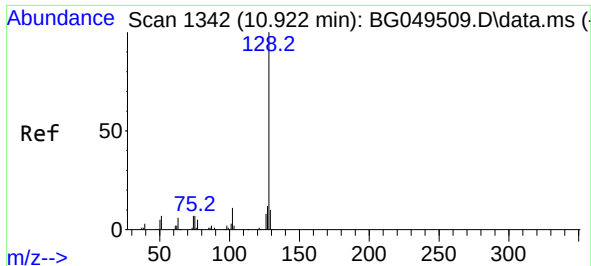
Instrument :
BNA_G
ClientSampleId :
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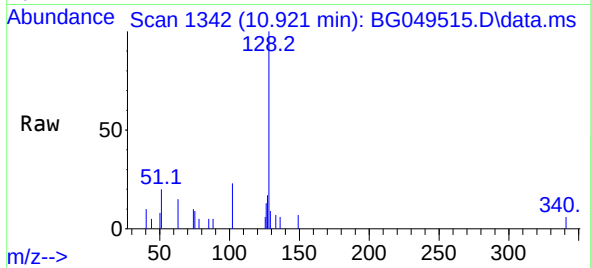
Quant Time: Jul 28 04:37:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.124 ng/ul
RT: 10.921 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

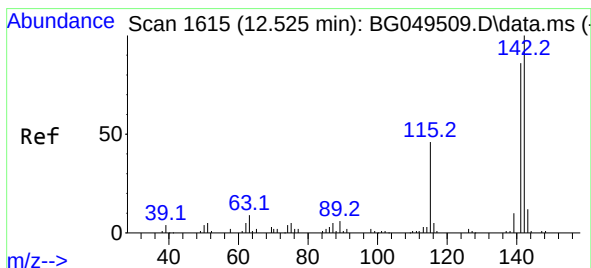
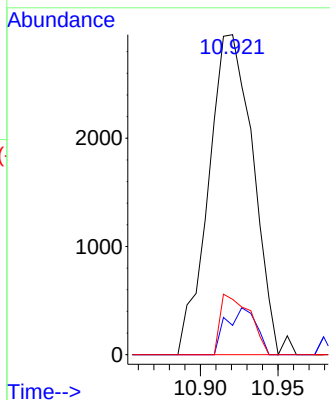
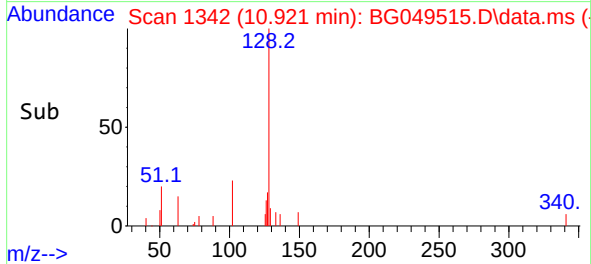
Instrument :
BNA_G
ClientSampleId :
C0049



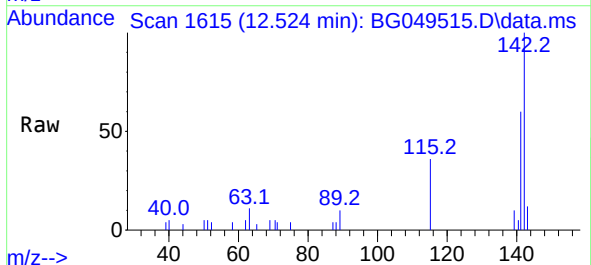
Tgt Ion:128 Resp: 5862
Ion Ratio Lower Upper
128 100
129 9.1 7.8 11.8
127 17.3 11.0 16.6#

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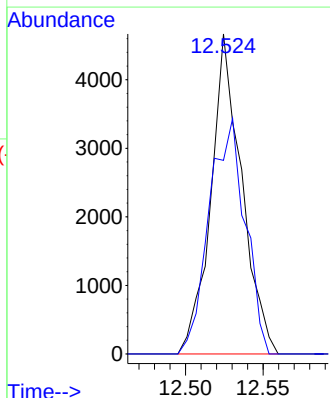
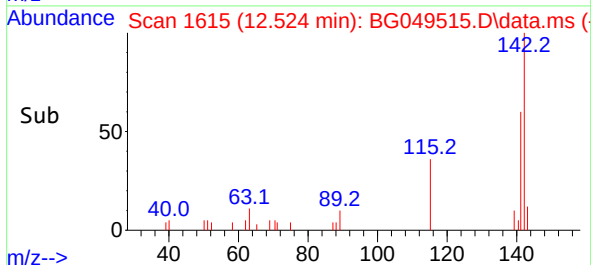
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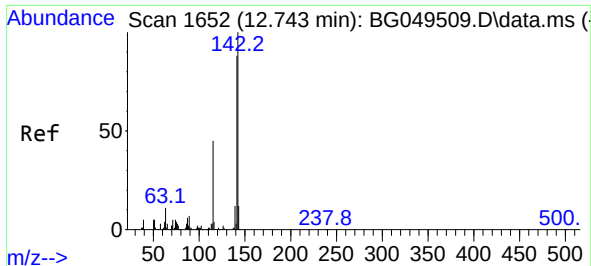


#36
2-Methylnaphthalene
Concen: 1.690 ng/ul
RT: 12.524 min Scan# 1615
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03



Tgt Ion:142 Resp: 6448
Ion Ratio Lower Upper
142 100
141 60.5 69.9 104.9#





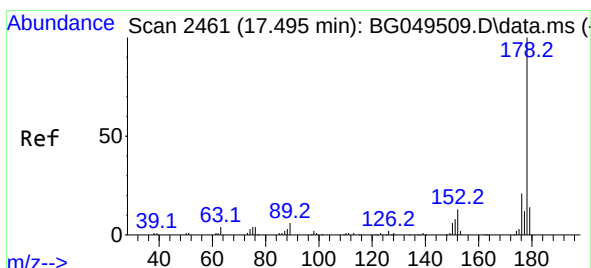
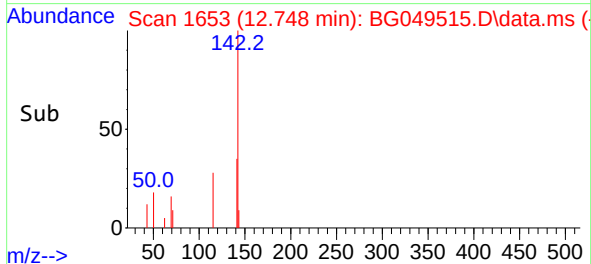
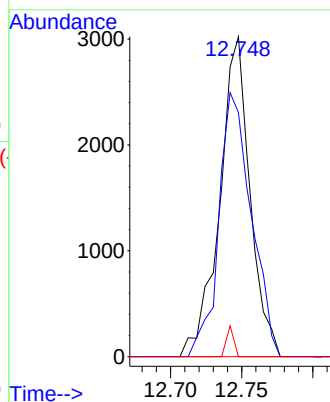
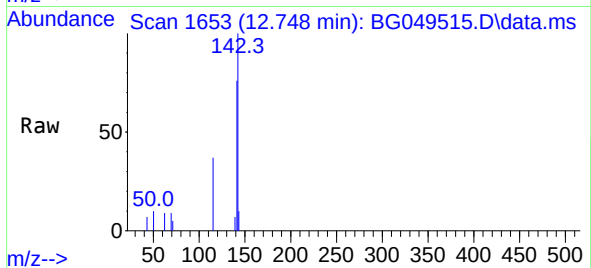
#37
1-Methylnaphthalene
Concen: 1.166 ng/ul
RT: 12.748 min Scan# 1653
Delta R.T. 0.005 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

Tgt Ion:142 Resp: 4496
Ion Ratio Lower Upper
142 100
141 76.3 82.1 123.1#
116 0.0 3.8 5.6#

Instrument :
BNA_G
ClientSampled :
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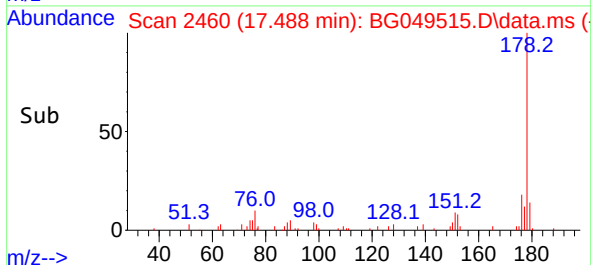
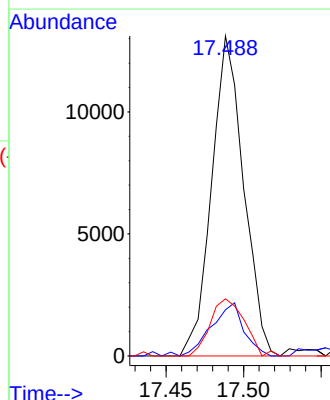
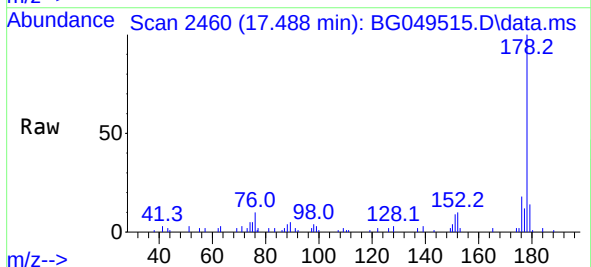
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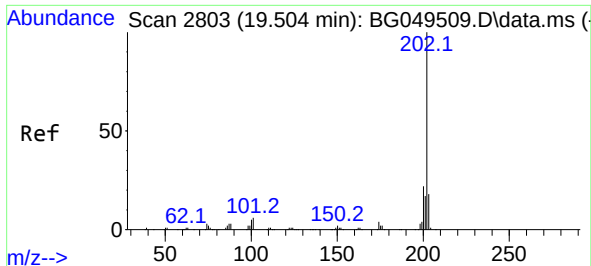
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#72
Phenanthrene
Concen: 2.310 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

Tgt Ion:178 Resp: 18783
Ion Ratio Lower Upper
178 100
179 14.5 13.2 19.8
176 17.8 15.0 22.6





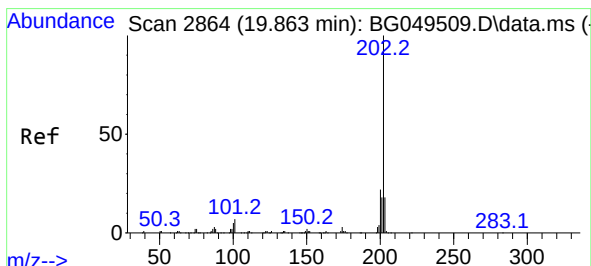
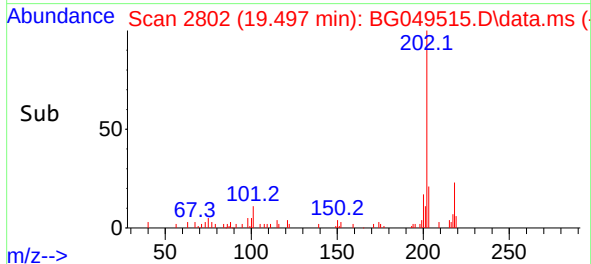
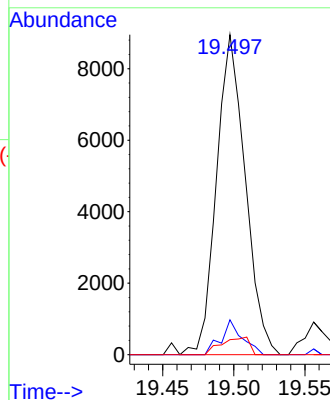
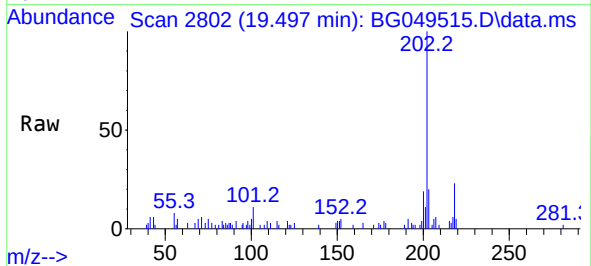
#80
Fluoranthene
Concen: 1.409 ng/u1
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

Tgt Ion:	202	Resp:	12590
Ion Ratio	Lower	Upper	
202	100		
101	10.9	4.3	6.5#
100	4.7	3.8	5.6

Instrument :
BNA_G
ClientSampled :
C0049

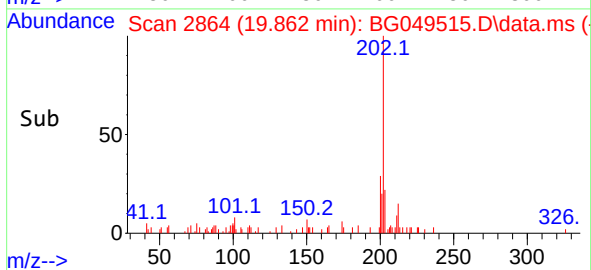
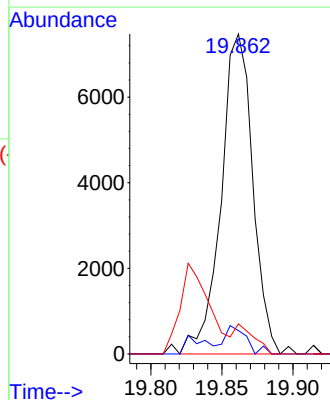
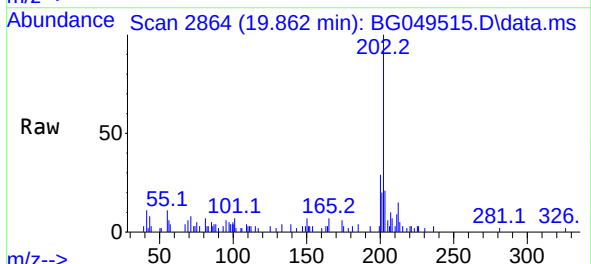
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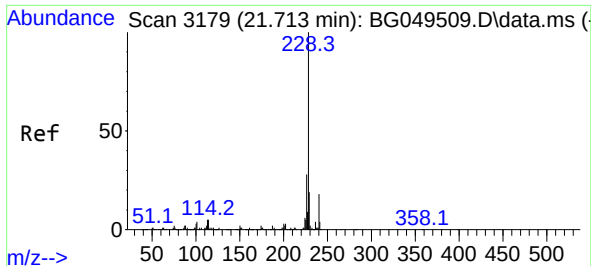
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#82
Pyrene
Concen: 1.307 ng/u1
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

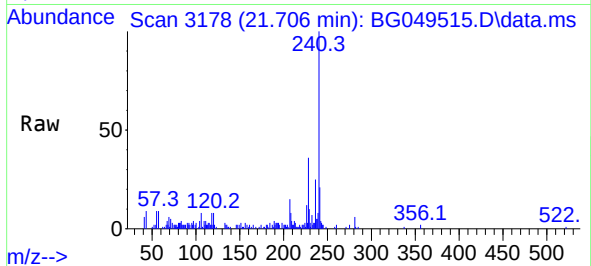
Tgt Ion:	202	Resp:	11600
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.3	7.9
100	9.4	4.7	7.1#





#85
Benzo(a)anthracene
Concen: 1.181 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

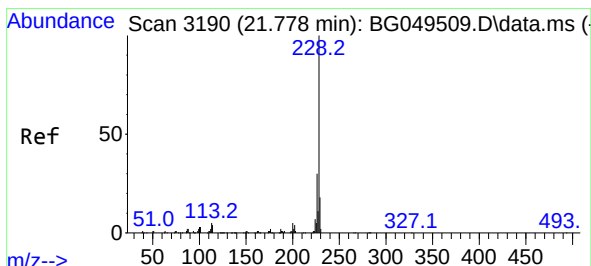
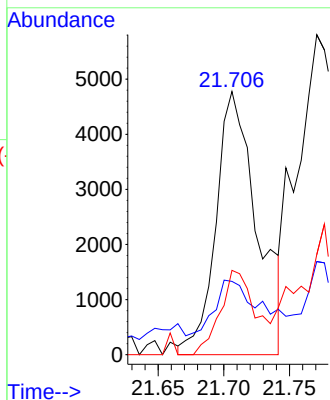
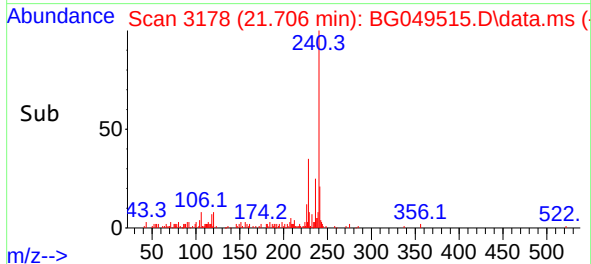
Instrument :
BNA_G
ClientSampleId :
C0049



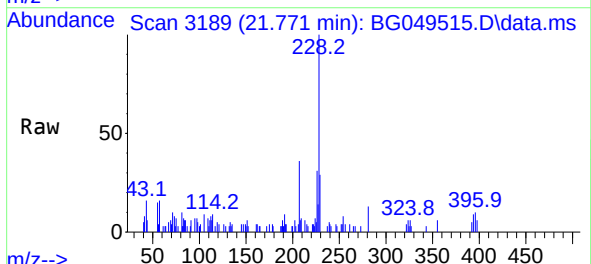
Tgt Ion:228 Resp: 10395
Ion Ratio Lower Upper
228 100
229 27.8 15.4 23.2#
226 32.1 21.1 31.7#

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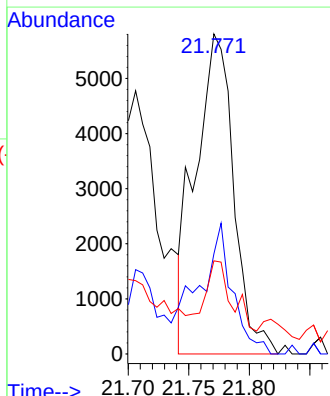
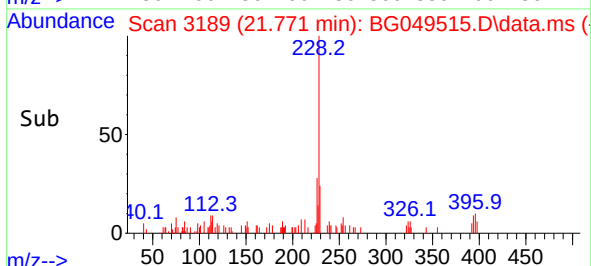
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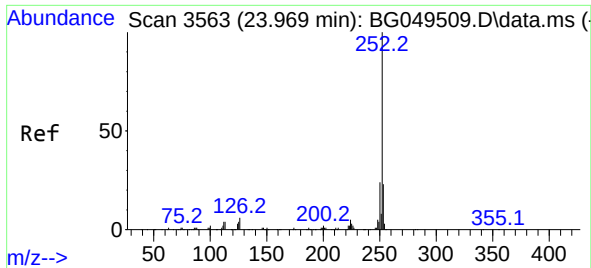


#87
Chrysene
Concen: 1.517 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03

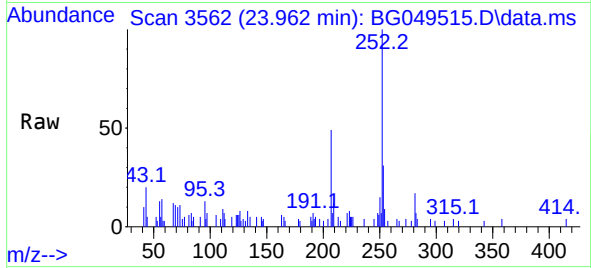


Tgt Ion:228 Resp: 12774
Ion Ratio Lower Upper
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226 31.3 24.6 37.0
229 29.1 14.9 22.3#

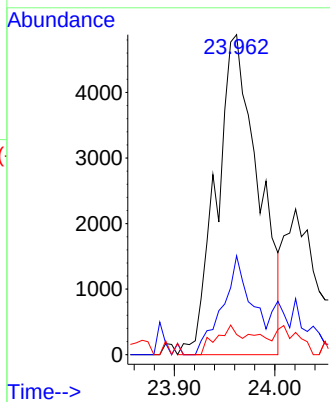
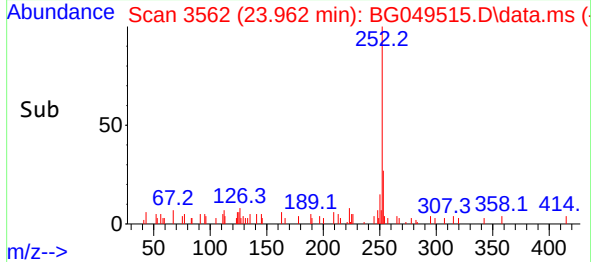




#90
Benzo(b)fluoranthene
Concen: 1.493 ng/ul m
RT: 23.962 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049515.D
Acq: 27 Jul 2021 20:03



Tgt Ion:252 Resp: 14146
Ion Ratio Lower Upper
252 100
253 30.9 17.1 25.7#
125 6.3 4.5 6.7



Instrument :
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