

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049502.D
 Acq On : 27 Jul 2021 11:03
 Operator : CG/JU
 Sample : M3084-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0024

Manual Integrations
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 7/28/2021 11:29:28 AM

Quant Time: Jul 27 12:13:20 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	8.046	152	19999	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	86348	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.702	164	62896	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	137897	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	119002	20.000	ng/ul	0.00
88) Perylene-d12	25.011	264	129237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	1272m	2.910	ng/uL	0.00
4) Pyridine-d5	3.881	84	6419m	5.112	ng/ul	0.03
7) Phenol-d5	7.206	99	29803	16.843	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	17626	17.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	22444	17.695	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	23160	17.365	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	11402	17.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	14191	18.242	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	25122	17.756	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	30846	15.643	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	90819	18.850	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	112725	20.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	10315	13.001	ng/ul	0.00
60) Fluorene-d10	15.688	176	82794	19.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	10868	12.718	ng/ul	0.00
73) Anthracene-d10	17.545	188	128834	20.102	ng/ul	0.00
81) Pyrene-d10	19.836	212	138453	22.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	135026	19.878	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.522	142	4291	1.318	ng/ul	96
72) Phenanthrene	17.492	178	24911	3.470	ng/ul	96
80) Fluoranthene	19.501	202	30581	4.139	ng/ul	98
82) Pyrene	19.859	202	23916	3.260	ng/ul#	97
85) Benzo(a)anthracene	21.704	228	14025	1.928	ng/ul	91
87) Chrysene	21.774	228	13458	1.933	ng/ul	93
90) Benzo(b)fluoranthene	23.965	252	19618	2.422	ng/ul#	98
91) Benzo(k)fluoranthene	24.024	252	8105m	1.022	ng/ul	
93) Benzo(a)pyrene	24.847	252	12328	1.754	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.730	276	9717m	1.084	ng/ul	
96) Benzo(g,h,i)perylene	29.916	276	7869m	1.056	ng/ul	

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

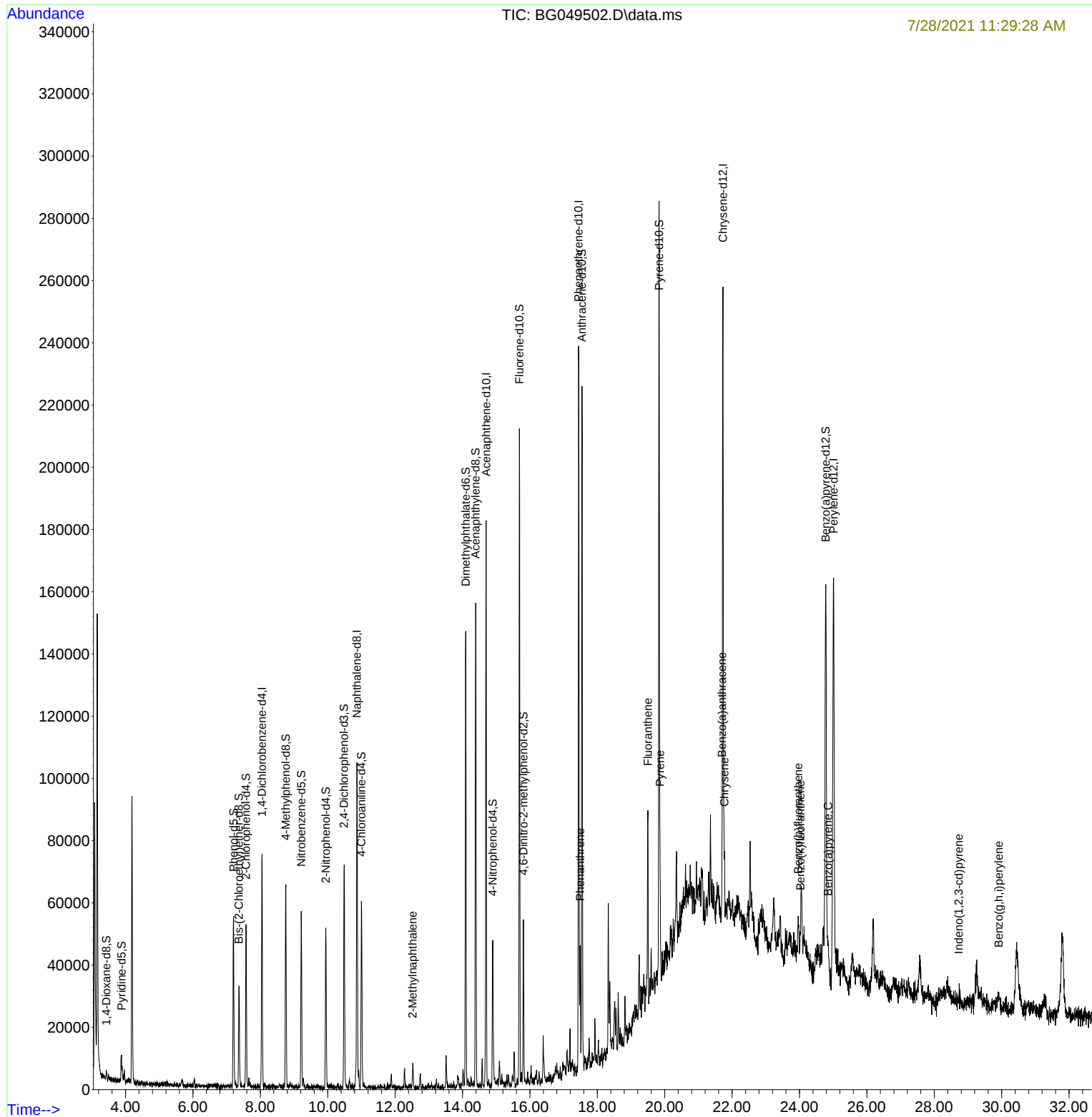
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
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ALS Vial : 32 Sample Multiplier: 1

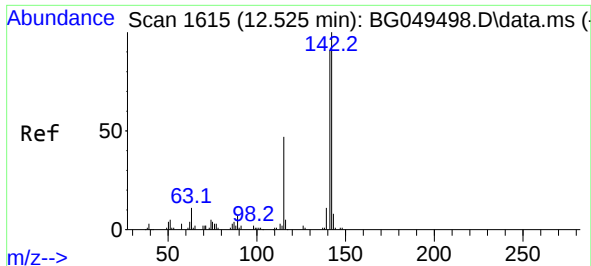
Instrument :
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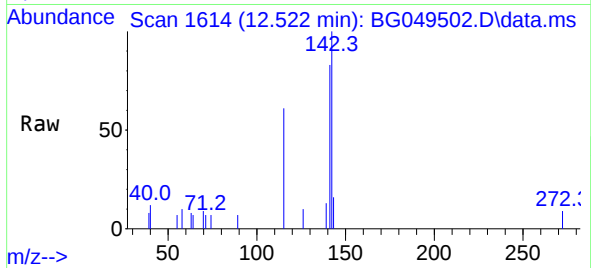
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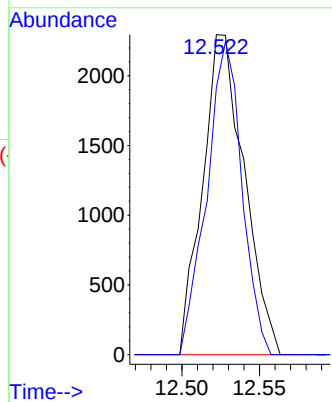
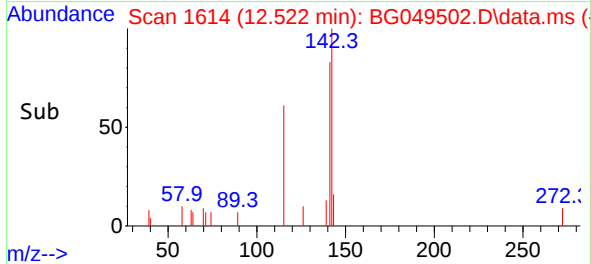




#36
2-Methylnaphthalene
Concen: 1.318 ng/ul
RT: 12.522 min Scan# 1614
Delta R.T. -0.004 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03



Tgt Ion:142 Resp: 4291
Ion Ratio Lower Upper
142 100
141 83.5 69.9 104.9

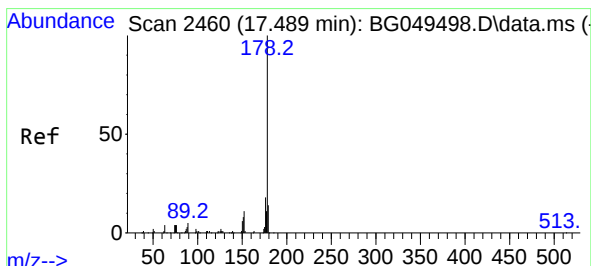


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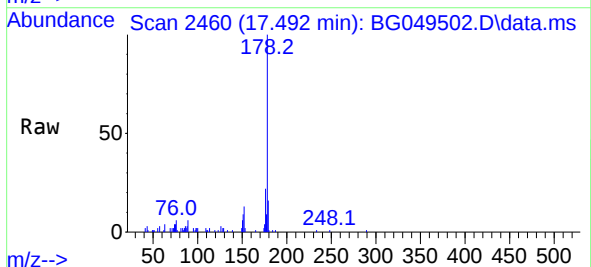
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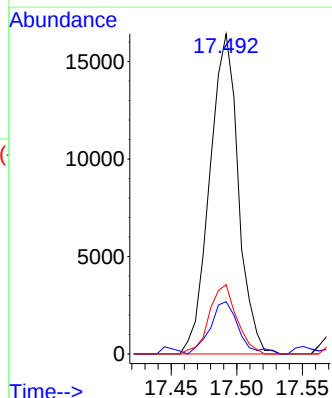
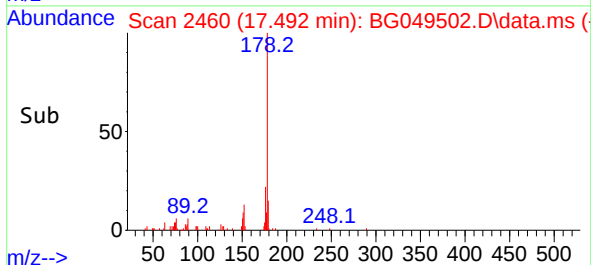
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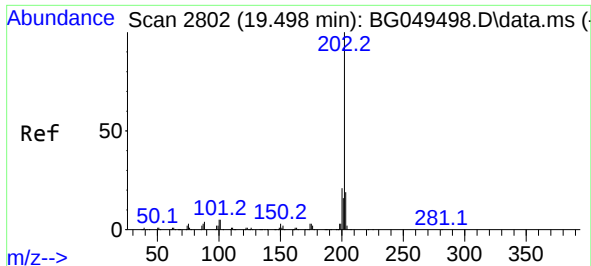


#72
Phenanthrene
Concen: 3.470 ng/ul
RT: 17.492 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

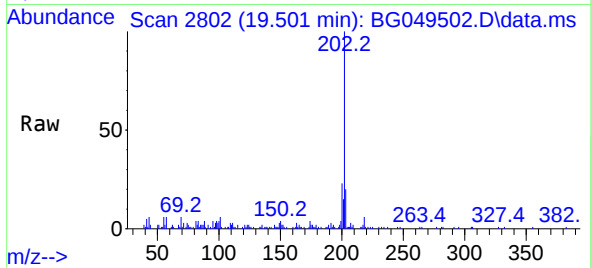


Tgt Ion:178 Resp: 24911
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 21.6 15.0 22.6

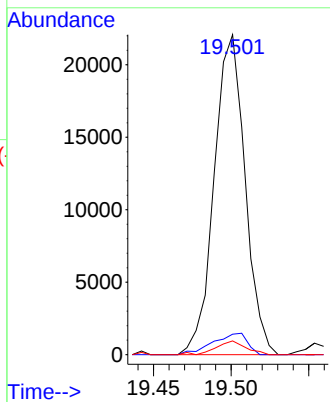
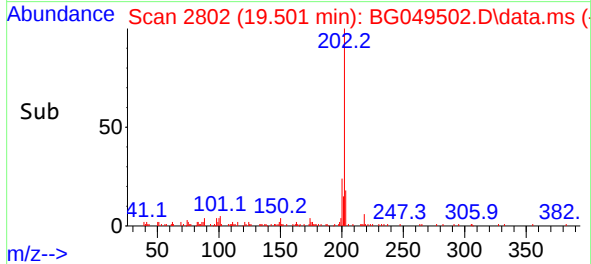




#80
Fluoranthene
Concen: 4.139 ng/ul
RT: 19.501 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03



Tgt Ion:	202	Resp:	30581
Ion Ratio	Lower	Upper	
202	100		
101	6.4	4.3	6.5
100	4.3	3.8	5.6

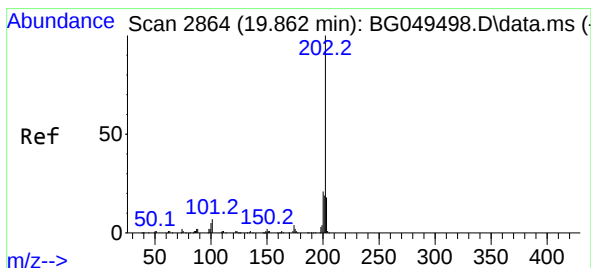


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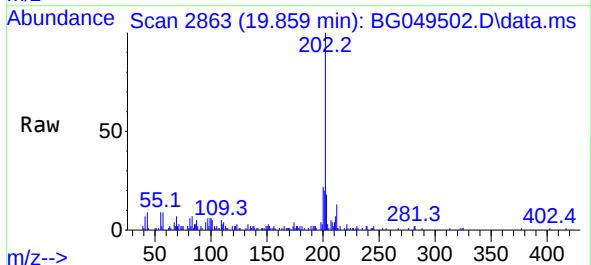
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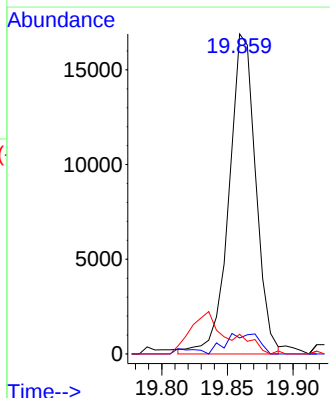
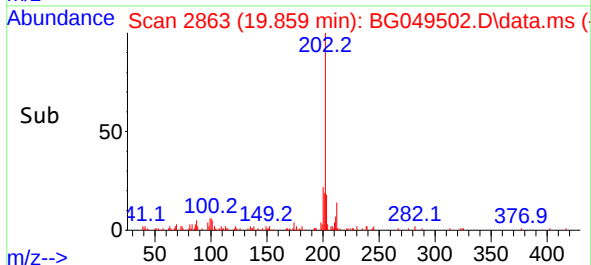
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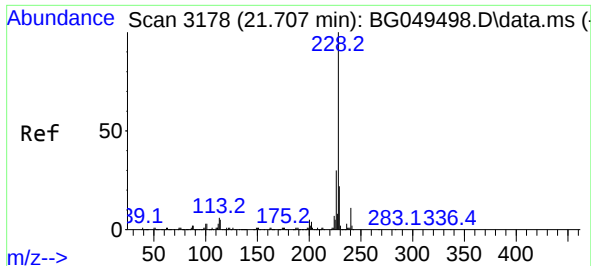


#82
Pyrene
Concen: 3.260 ng/ul
RT: 19.859 min Scan# 2863
Delta R.T. -0.003 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03



Tgt Ion:	202	Resp:	23916
Ion Ratio	Lower	Upper	
202	100		
101	5.0	5.3	7.9#
100	6.1	4.7	7.1





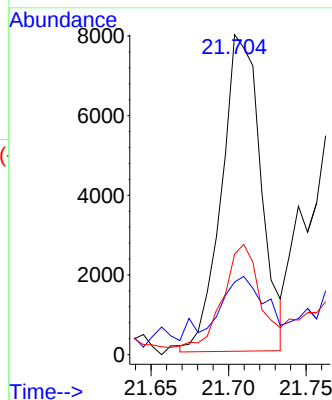
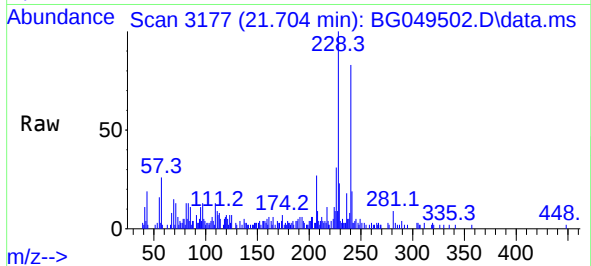
#85
Benzo(a)anthracene
Concen: 1.928 ng/ul
RT: 21.704 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

Tgt Ion:	228	Resp:	14025
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.4	23.2
226	31.4	21.1	31.7

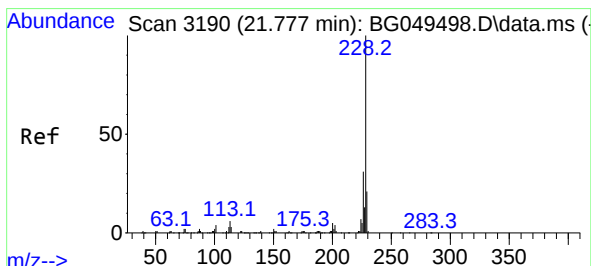
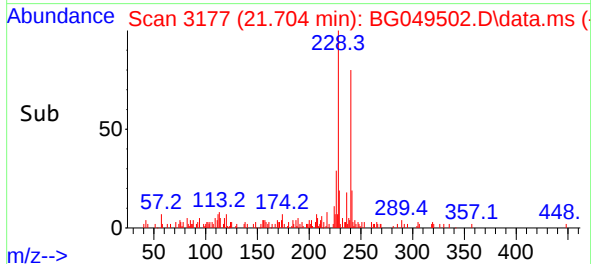
Instrument :
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ClientSampled :
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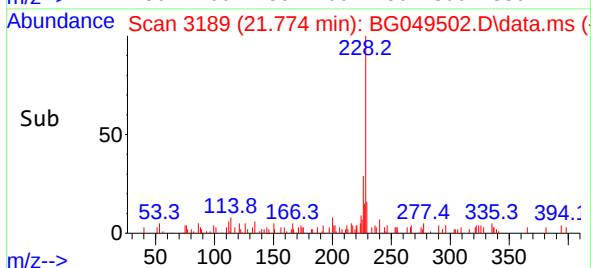
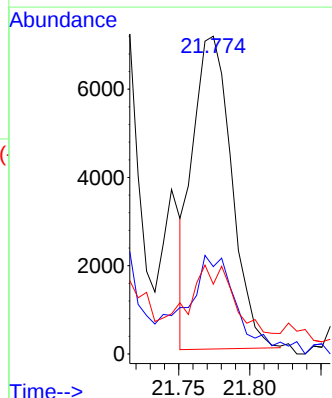
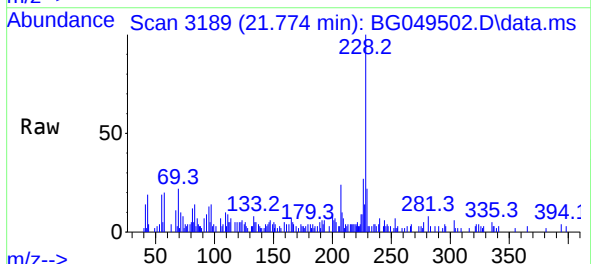


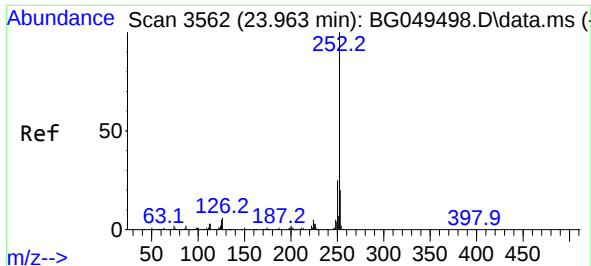
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#87
Chrysene
Concen: 1.933 ng/ul
RT: 21.774 min Scan# 3189
Delta R.T. 0.002 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

Tgt Ion:	228	Resp:	13458
Ion Ratio	Lower	Upper	
228	100		
226	27.5	24.6	37.0
229	22.0	14.9	22.3





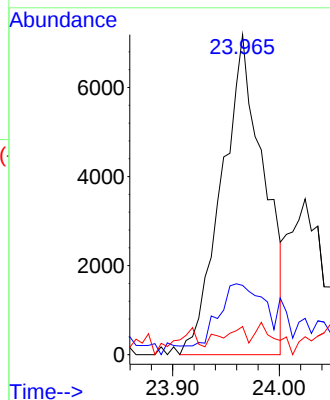
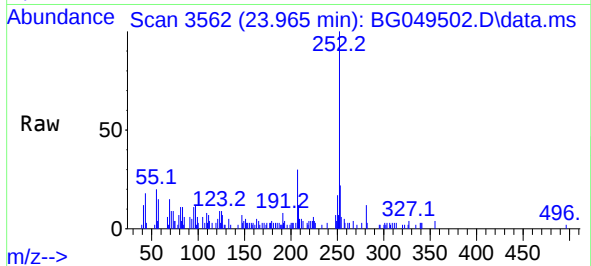
#90
Benzo(b)fluoranthene
Concen: 2.422 ng/ul
RT: 23.965 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	8.8	4.5	6.7

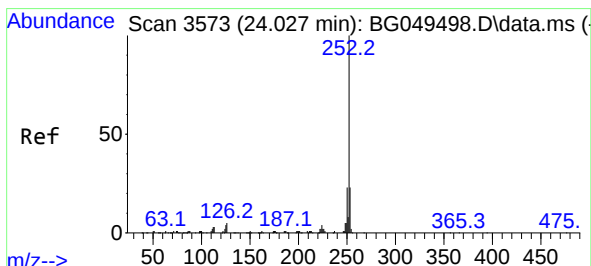
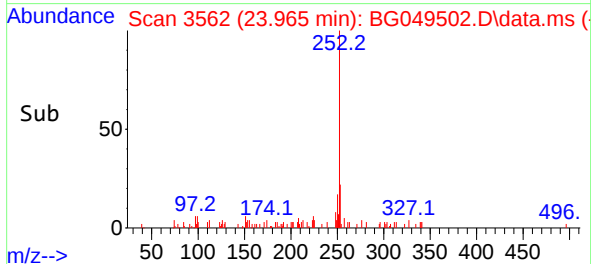
Instrument :
BNA_G
ClientSampled :
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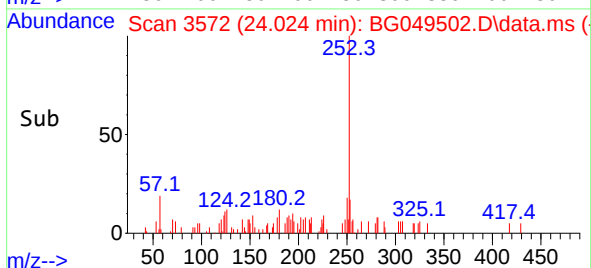
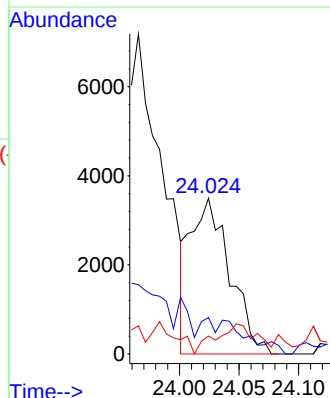
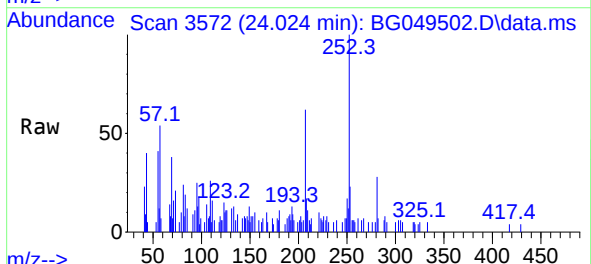


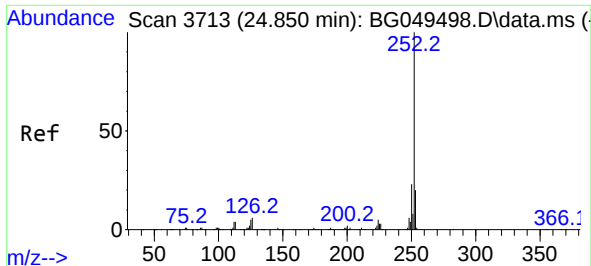
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#91
Benzo(k)fluoranthene
Concen: 1.022 ng/ul m
RT: 24.024 min Scan# 3572
Delta R.T. 0.002 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

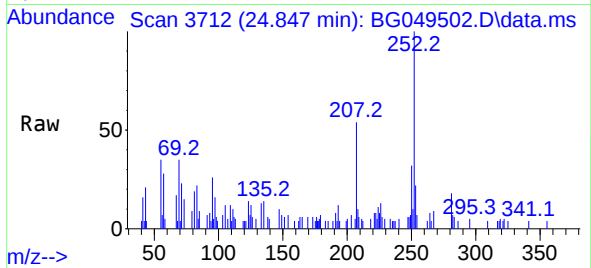
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.5	4.6	7.0





#93
Benzo(a)pyrene
Concen: 1.754 ng/ul
RT: 24.847 min Scan# 3712
Delta R.T. 0.008 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

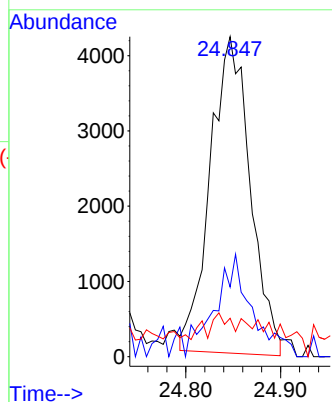
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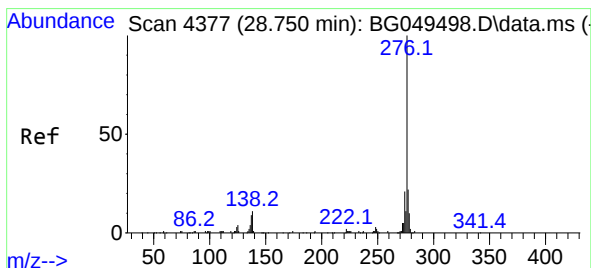
Tgt Ion:252 Resp: 12328
Ion Ratio Lower Upper
252 100
253 21.7 16.4 24.6
125 12.0 4.6 6.8#

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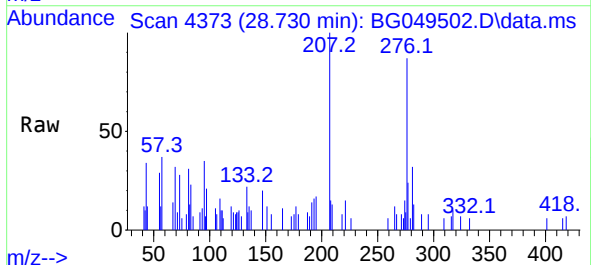
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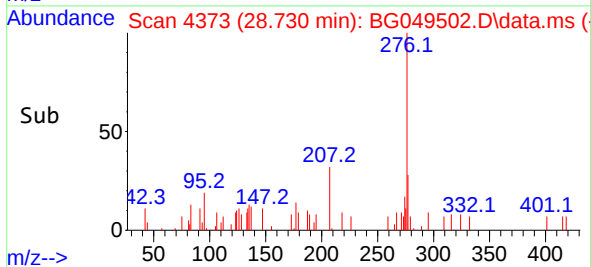
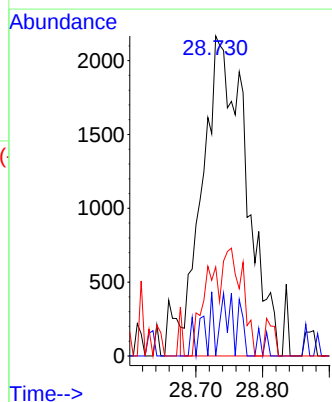
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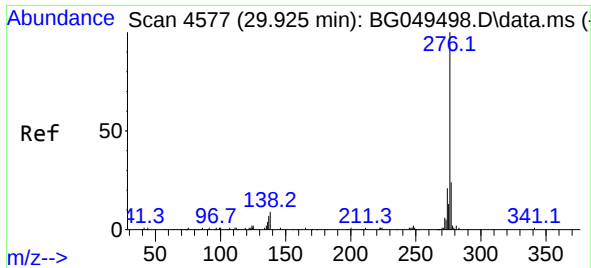


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.084 ng/ul m
RT: 28.730 min Scan# 4373
Delta R.T. -0.009 min
Lab File: BG049502.D
Acq: 27 Jul 2021 11:03

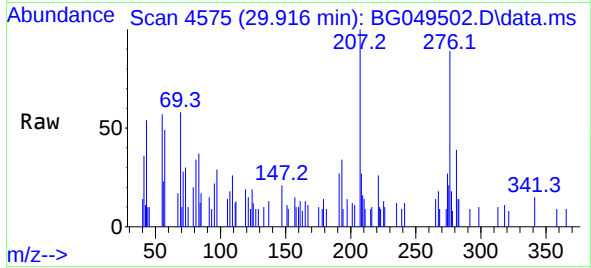


Tgt Ion:276 Resp: 9717
Ion Ratio Lower Upper
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138 0.0 7.3 10.9#
277 27.8 19.2 28.8

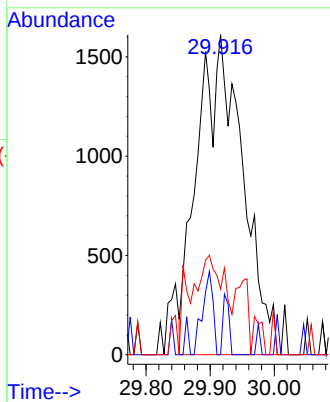
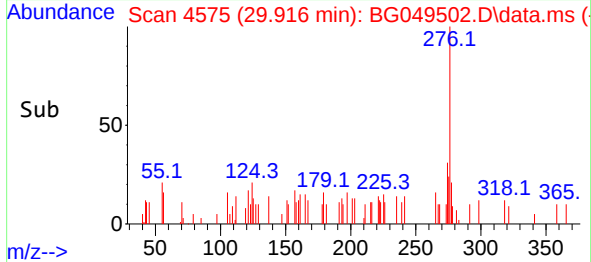




#96
 Benzo(g,h,i)perylene
 Concen: 1.056 ng/ul m
 RT: 29.916 min Scan# 4575
 Delta R.T. 0.014 min
 Lab File: BG049502.D
 Acq: 27 Jul 2021 11:03



Tgt Ion: 276 Resp: 7869
 Ion Ratio Lower Upper
 276 100
 138 0.0 10.8 16.2#
 277 20.5 20.6 31.0#



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