

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050374.D
 Acq On : 2 Oct 2021 3:18
 Operator : CG/JU
 Sample : M3874-11
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7T5

Manual Integrations
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mohammad
 10/4/2021 11:50:42 AM

Quant Time: Oct 02 04:05:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	41396	20.00	ng/ul	0.00
20) Naphthalene-d8	11.094	136	166906	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.884	164	110983	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.628	188	235598	20.00	ng/ul	0.00
79) Chrysene-d12	21.928	240	223073	20.00	ng/ul	-0.02
88) Perylene-d12	25.354	264	232746	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	3346	2.97	ng/uL	0.00
4) Pyridine-d5	4.067	84	22593	6.73	ng/ul	0.00
7) Phenol-d5	7.398	99	56944	15.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	42049	18.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	43303	17.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.955	113	33021	12.06	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	23107	19.79	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	23741	18.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.700	165	40736	16.46	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	54015	15.28	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	149561	19.69	ng/ul	-0.01
49) Acenaphthylene-d8	14.584	160	185142	19.41	ng/ul	0.00
54) 4-Nitrophenol-d4	15.042	143	21547	14.73	ng/ul	-0.01
60) Fluorene-d10	15.871	176	136650	19.97	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.977	200	18130	15.43	ng/ul	0.00
73) Anthracene-d10	17.727	188	199988	20.09	ng/ul	0.00
81) Pyrene-d10	20.001	212	248155	20.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.119	264	228040	19.49	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.669	178	64744	5.51	ng/ul	99
74) Anthracene	17.763	178	13462m	1.16	ng/ul	
80) Fluoranthene	19.666	202	102281	6.87	ng/ul	97
82) Pyrene	20.031	202	89452	6.09	ng/ul	97
85) Benzo(a)anthracene	21.911	228	47797	3.55	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.799	149	23351	3.00	ng/ul	97
87) Chrysene	21.975	228	46258m	3.59	ng/ul	
90) Benzo(b)fluoranthene	24.261	252	55398	3.91	ng/ul#	97
91) Benzo(k)fluoranthene	24.320	252	15132m	1.15	ng/ul	
93) Benzo(a)pyrene	25.189	252	36725	2.72	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.273	276	23162m	1.53	ng/ul	
96) Benzo(g,h,i)perylene	30.507	276	19924m	1.56	ng/ul	

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

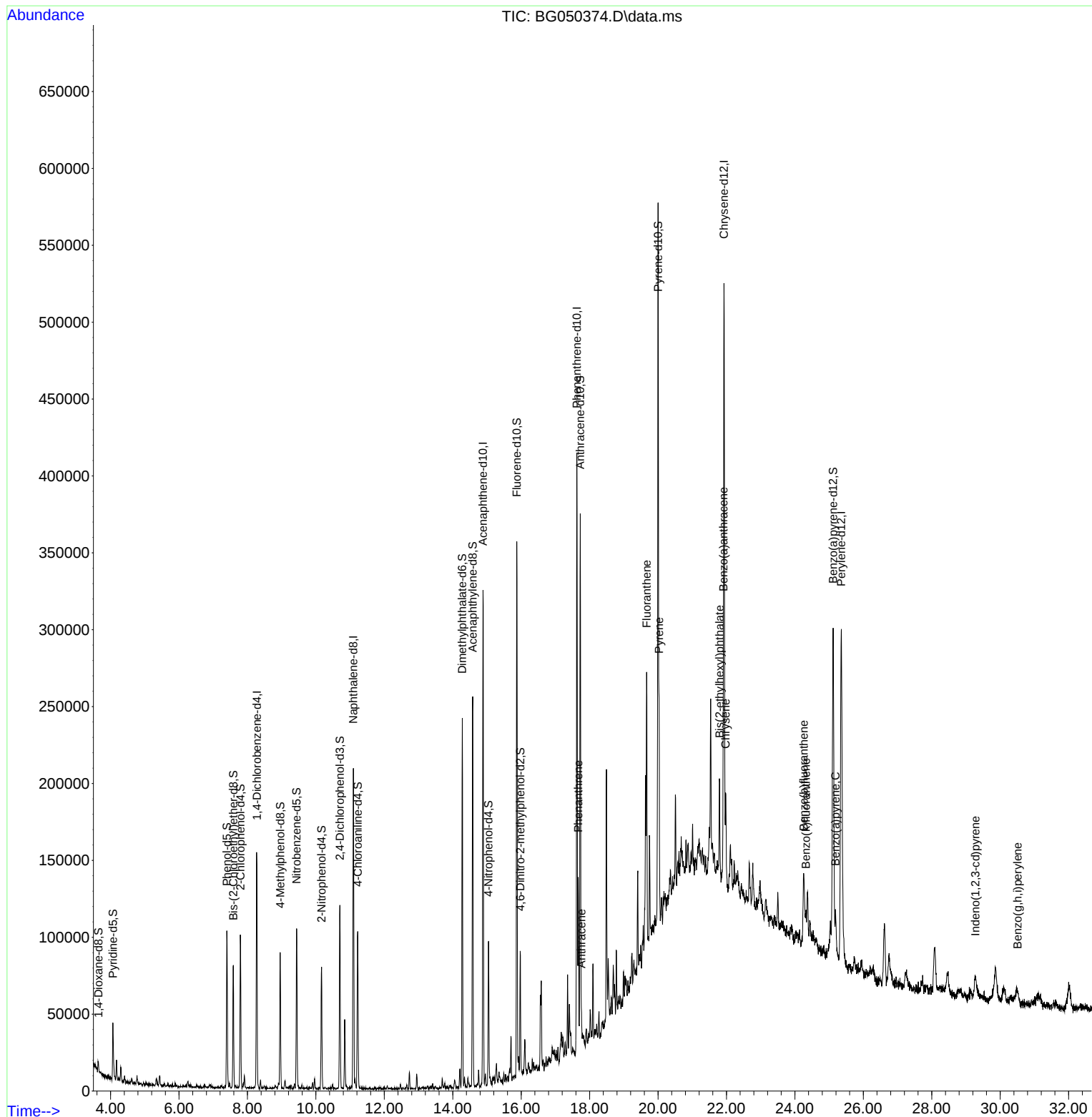
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Data File : BG050374.D
Acq On : 2 Oct 2021 3:18
Operator : CG/JU
Sample : M3874-11
Misc :
ALS Vial : 58 Sample Multiplier: 1

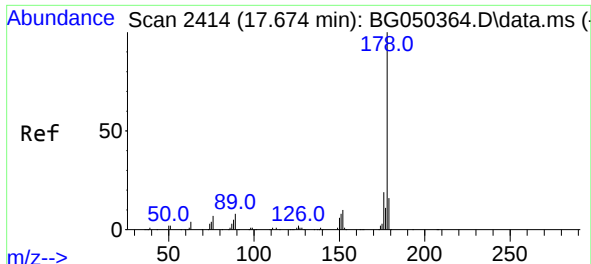
Instrument :
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ClientSampled :
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Quant Time: Oct 02 04:05:10 2021
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Quant Title : SVOA CALIBRATION
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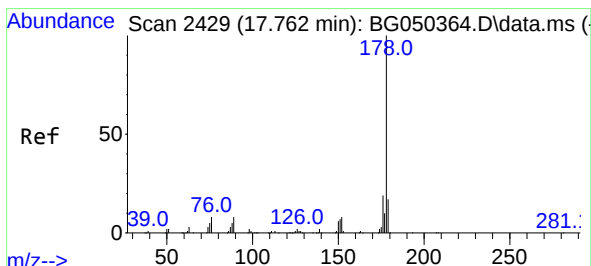
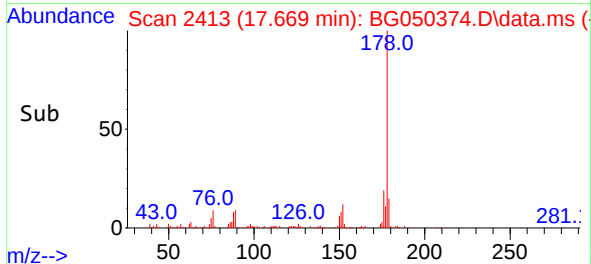
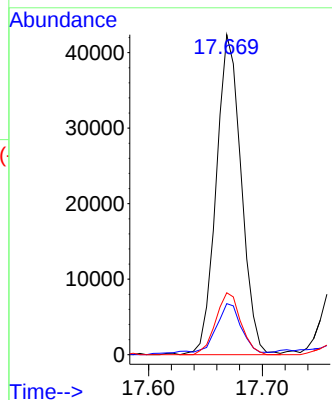
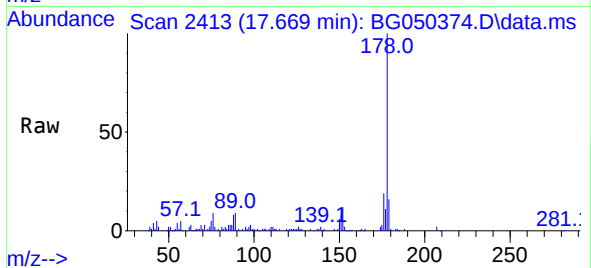
#72
Phenanthrene
Concen: 5.51 ng/ul
RT: 17.669 min Scan# 2413
Delta R.T. -0.014 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

Tgt Ion:178 Resp: 64744
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.4 16.2 24.2

Instrument :
BNA_G
ClientSampled :
EW7T5

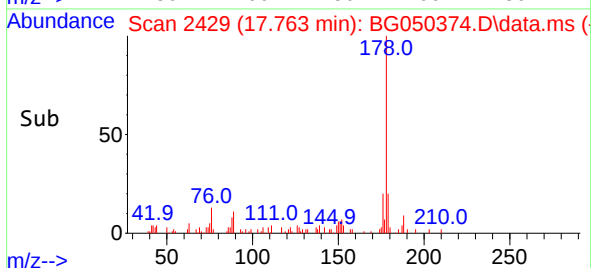
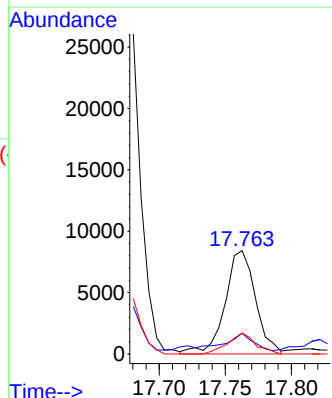
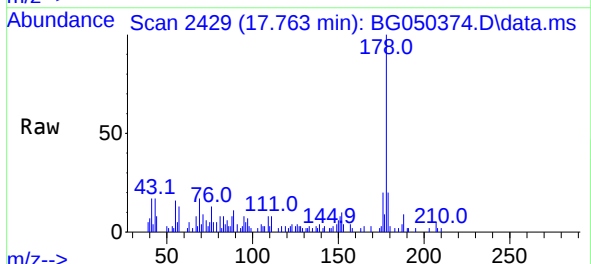
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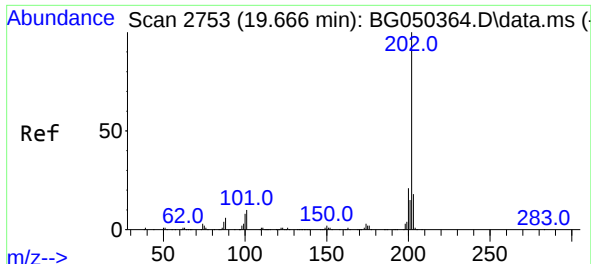
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#74
Anthracene
Concen: 1.16 ng/ul m
RT: 17.763 min Scan# 2429
Delta R.T. -0.008 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

Tgt Ion:178 Resp: 13462
Ion Ratio Lower Upper
178 100
179 20.0 12.7 19.1#
176 20.3 15.0 22.4





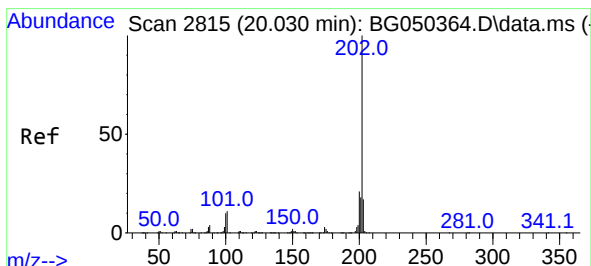
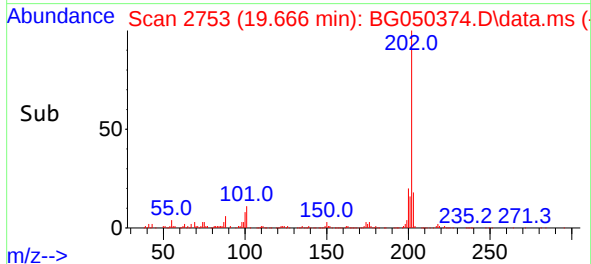
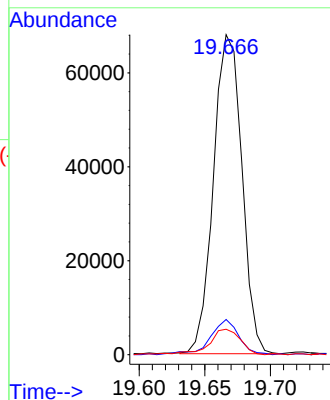
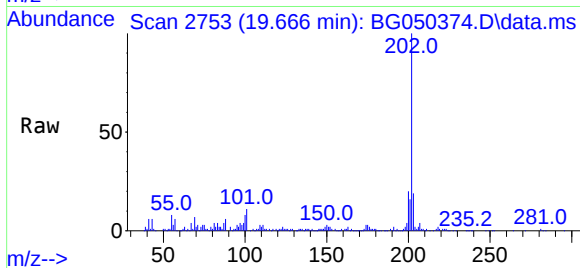
#80
Fluoranthene
Concen: 6.87 ng/ul
RT: 19.666 min Scan# 2753
Delta R.T. -0.008 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

Tgt Ion:202 Resp: 102281
Ion Ratio Lower Upper
202 100
101 11.0 7.7 11.5
100 8.0 6.6 10.0

Instrument :
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ClientSampled :
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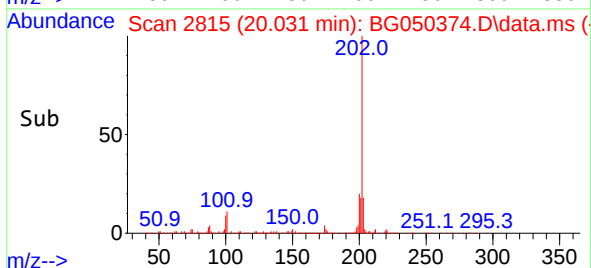
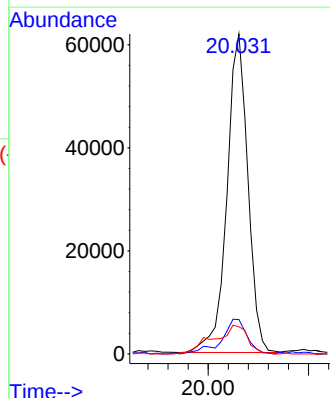
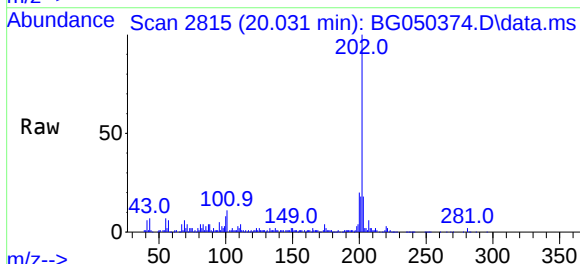
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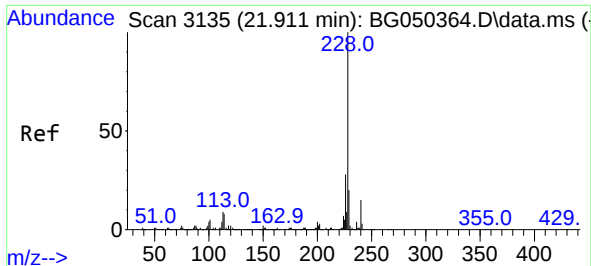
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#82
Pyrene
Concen: 6.09 ng/ul
RT: 20.031 min Scan# 2815
Delta R.T. -0.008 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

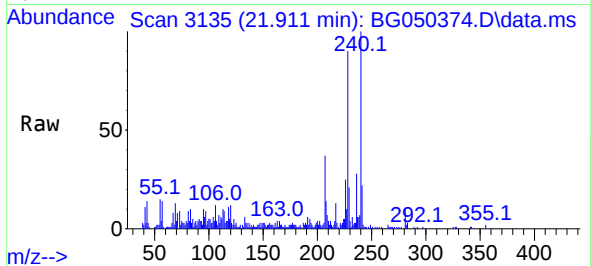
Tgt Ion:202 Resp: 89452
Ion Ratio Lower Upper
202 100
101 10.7 9.7 14.5
100 8.5 7.6 11.4





#85
Benzo(a)anthracene
Concen: 3.55 ng/ul
RT: 21.911 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

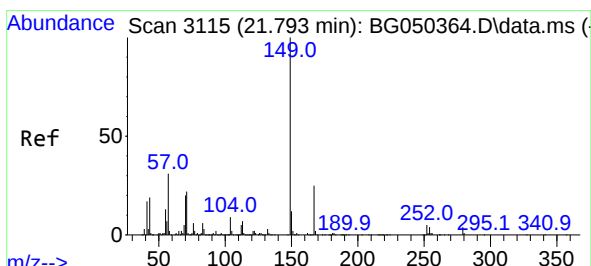
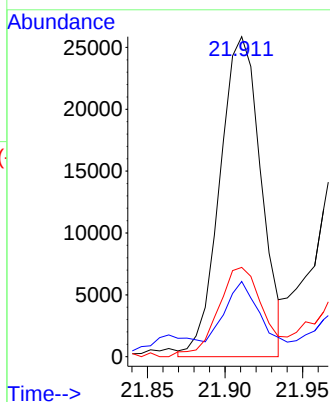
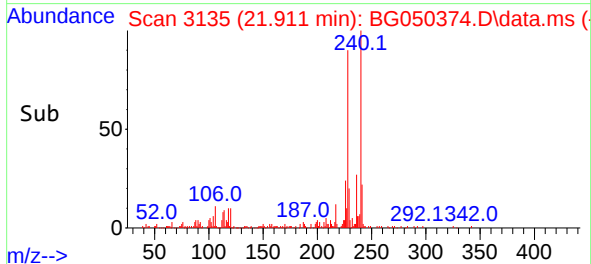
Instrument :
BNA_G
ClientSampled :
EW7T5



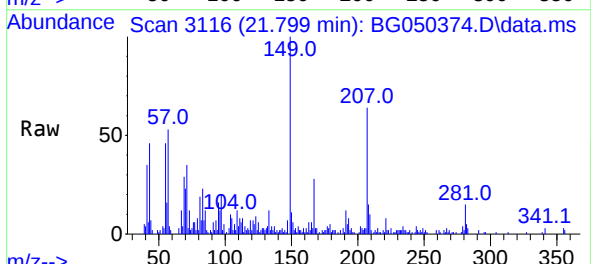
Tgt Ion:228 Resp: 47797
Ion Ratio Lower Upper
228 100
229 23.5 15.9 23.9
226 27.9 22.2 33.2

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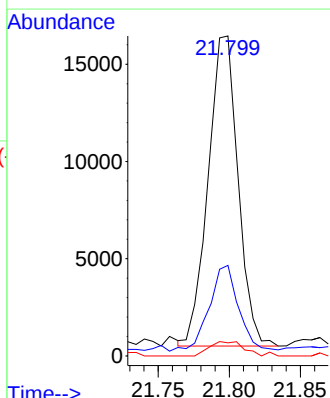
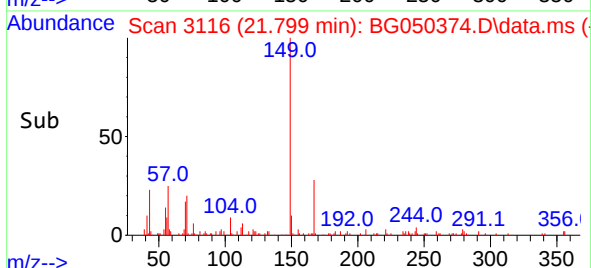
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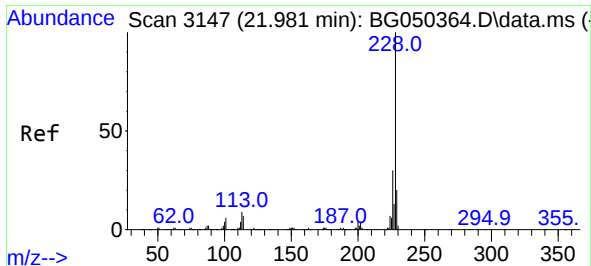


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.00 ng/ul
RT: 21.799 min Scan# 3116
Delta R.T. -0.008 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18



Tgt Ion:149 Resp: 23351
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 4.1 2.8 4.2





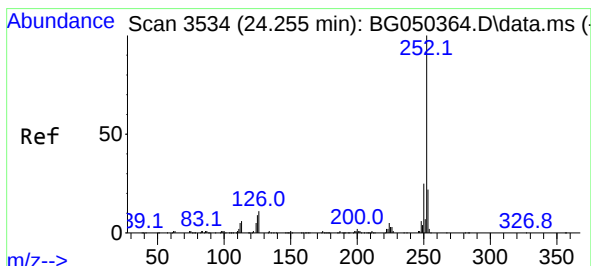
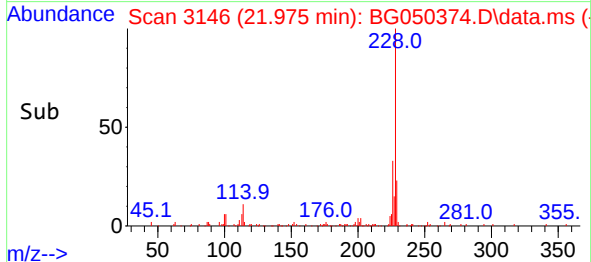
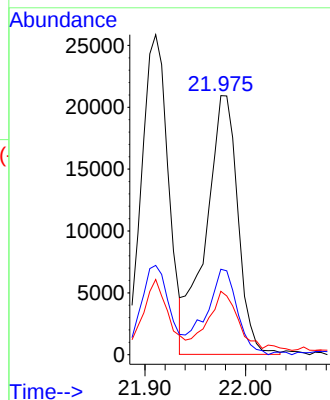
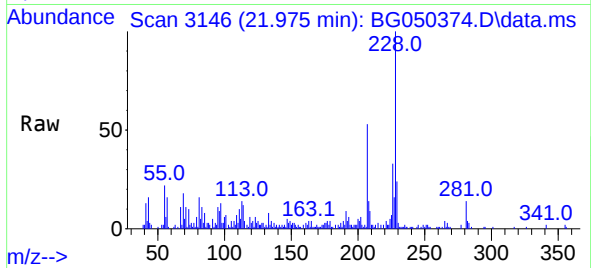
#87
Chrysene
Concen: 3.59 ng/ul m
RT: 21.975 min Scan# 3146
Delta R.T. -0.020 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

Tgt Ion:228 Resp: 46258
Ion Ratio Lower Upper
228 100
226 33.0 25.4 38.0
229 24.5 16.2 24.2#

Instrument :
BNA_G
ClientSampled :
EW7T5

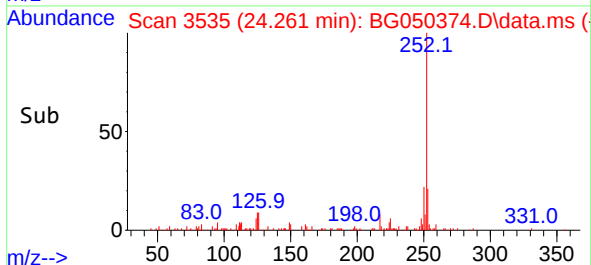
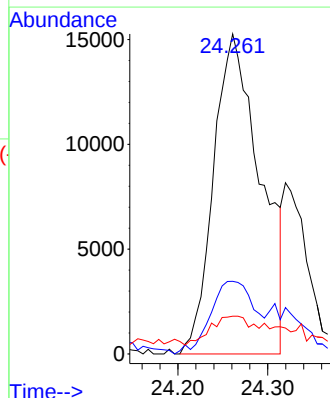
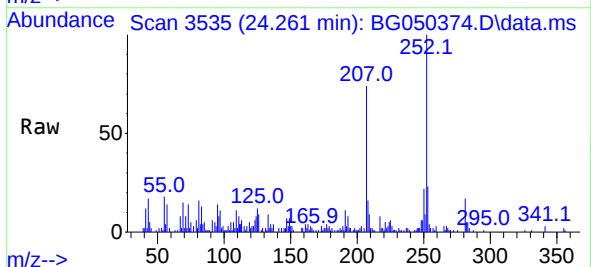
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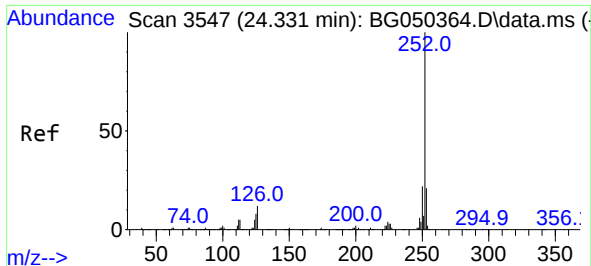
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#90
Benzo(b)fluoranthene
Concen: 3.91 ng/ul
RT: 24.261 min Scan# 3535
Delta R.T. -0.020 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

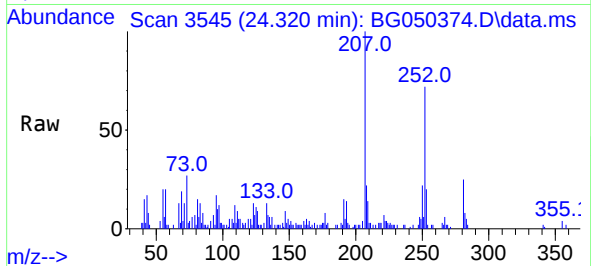
Tgt Ion:252 Resp: 55398
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.8 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 1.15 ng/ul m
RT: 24.320 min Scan# 3545
Delta R.T. -0.032 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

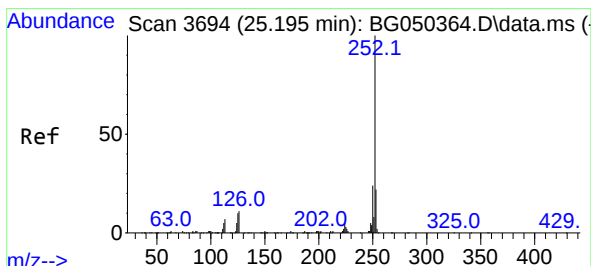
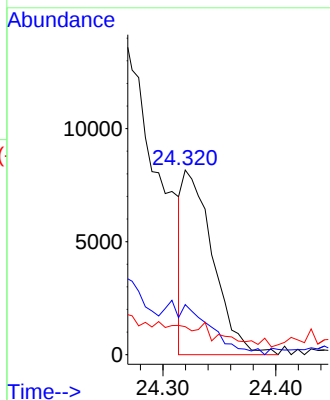
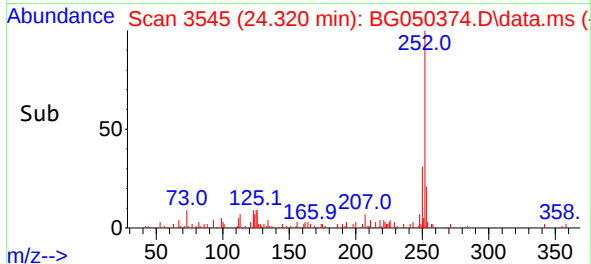
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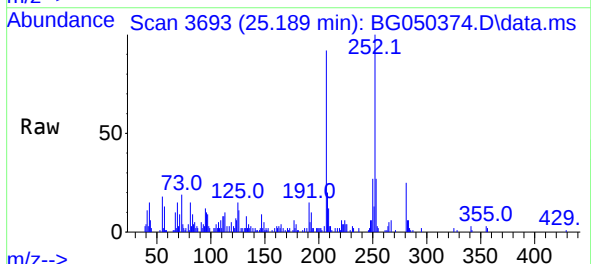
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Ion Ratio Lower Upper
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125 15.2 7.4 11.0#

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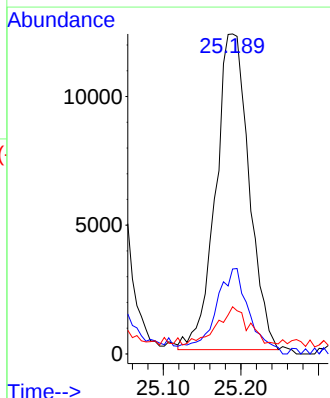
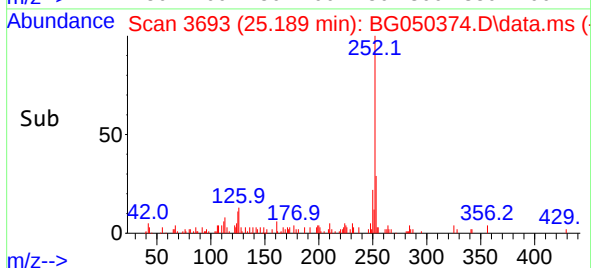
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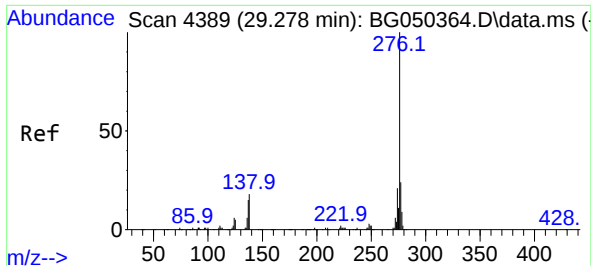


#93
Benzo(a)pyrene
Concen: 2.72 ng/ul
RT: 25.189 min Scan# 3693
Delta R.T. -0.026 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18

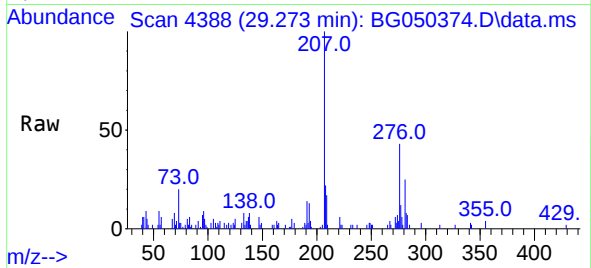


Tgt Ion:252 Resp: 36725
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 14.7 8.3 12.5#

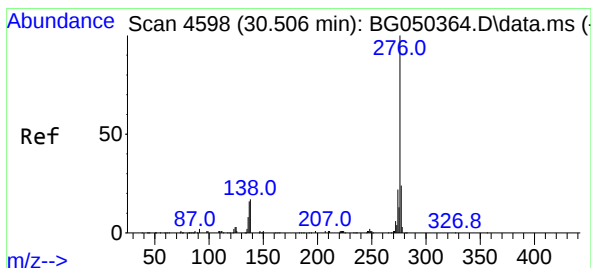
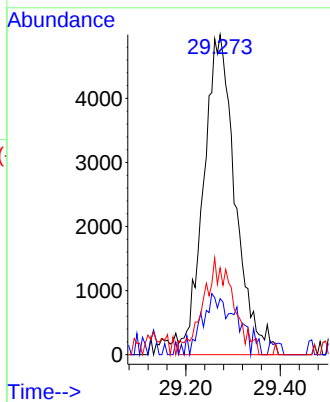
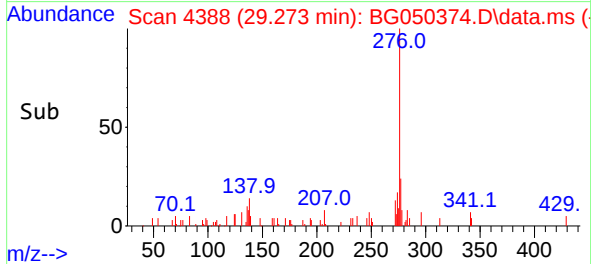




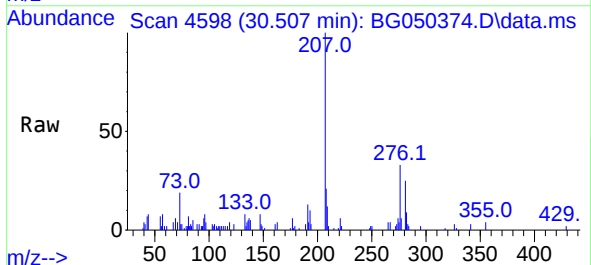
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Indeno(1,2,3-cd)pyrene
Concen: 1.53 ng/ul m
RT: 29.273 min Scan# 4388
Delta R.T. -0.044 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18



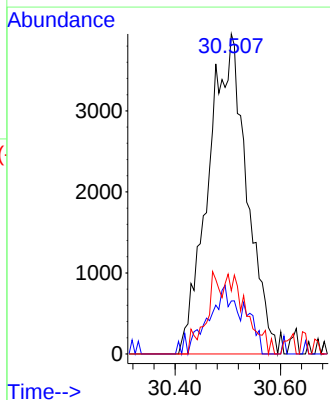
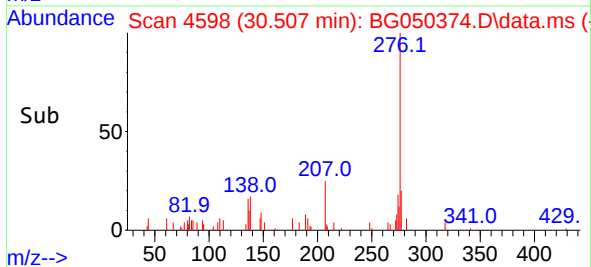
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Ion Ratio Lower Upper
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138 17.5 12.4 18.6
277 27.1 18.5 27.7



#96
Benzo(g,h,i)perylene
Concen: 1.56 ng/ul m
RT: 30.507 min Scan# 4598
Delta R.T. -0.049 min
Lab File: BG050374.D
Acq: 2 Oct 2021 3:18



Tgt Ion:276 Resp: 19924
Ion Ratio Lower Upper
276 100
138 16.6 14.1 21.1
277 19.7 17.9 26.9



Instrument :
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ClientSampleId :
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