

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049706.D
 Acq On : 7 Aug 2021 15:24
 Operator : CG/JU
 Sample : M3208-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00E7

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:55 PM

Quant Time: Aug 07 17:09:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	26641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	113741	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	75703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	161032	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	147576	20.000	ng/ul	# 0.00
88) Perylene-d12	25.008	264	154614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	1492m	2.618	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.196	99	33831	13.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	20732	14.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	26791	15.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	18596	10.087	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	15734	17.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	17736	17.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	28194	14.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	20971	7.940	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	106647	17.952	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	122218	17.292	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	7882	8.206	ng/ul	0.01
60) Fluorene-d10	15.685	176	90056	17.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	12961	11.959	ng/ul	0.00
73) Anthracene-d10	17.541	188	131476	17.296	ng/ul	0.00
81) Pyrene-d10	19.832	212	145336	17.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	133193	15.722	ng/ul	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.519	142	4703	1.034	ng/ul	Qvalue 88
72) Phenanthrene	17.488	178	41077	4.819	ng/ul#	93
80) Fluoranthene	19.497	202	49357	4.919	ng/ul#	98
82) Pyrene	19.862	202	37416	3.738	ng/ul	99
85) Benzo(a)anthracene	21.706	228	21143	2.182	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.600	149	24582	4.400	ng/ul#	89
87) Chrysene	21.771	228	24976m	2.760	ng/ul	
90) Benzo(b)fluoranthene	23.962	252	30428m	3.011	ng/ul	
93) Benzo(a)pyrene	24.843	252	17161	1.929	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.744	276	14498m	1.242	ng/ul	

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

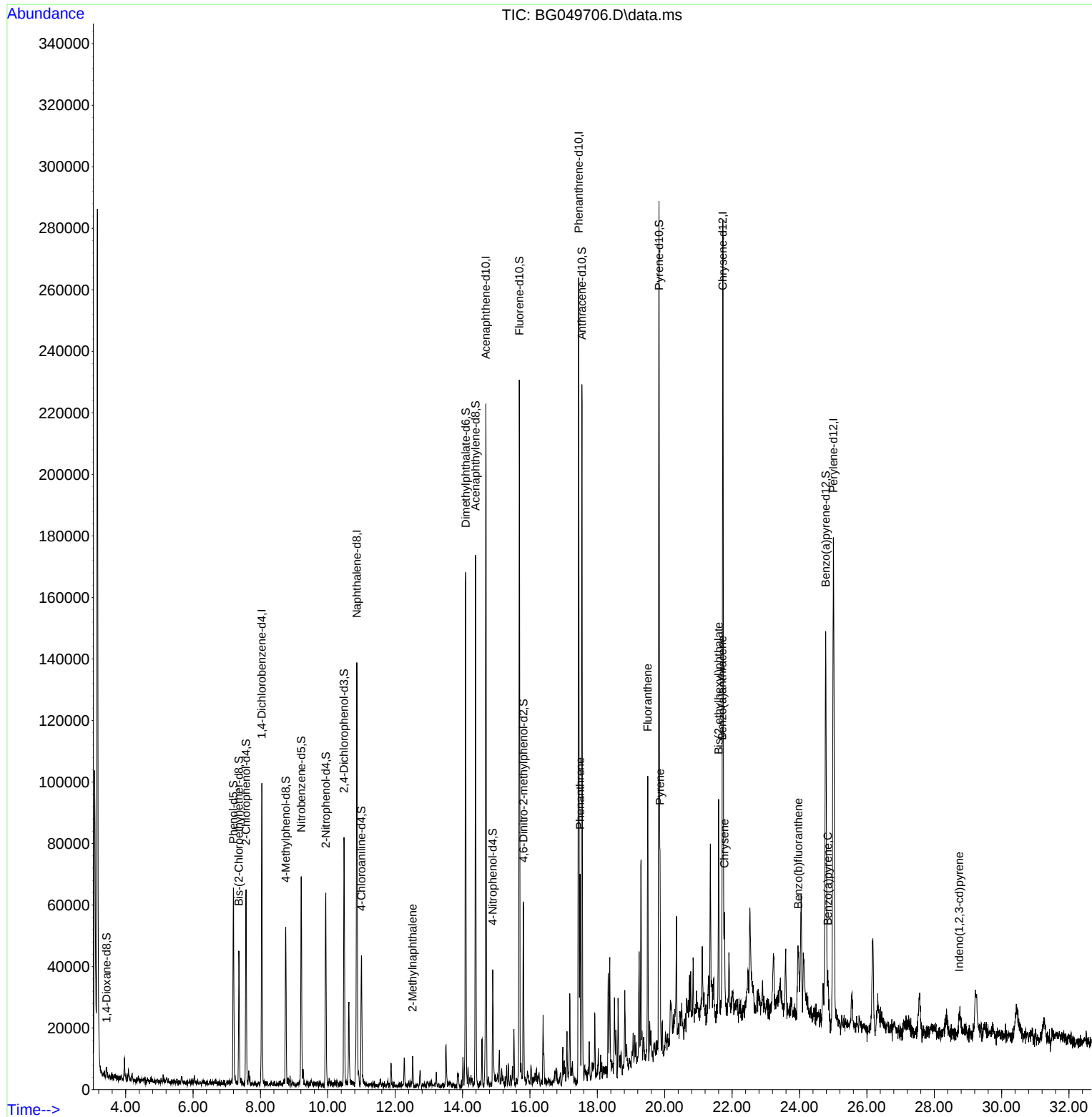
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Data File : BG049706.D
Acq On : 7 Aug 2021 15:24
Operator : CG/JU
Sample : M3208-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

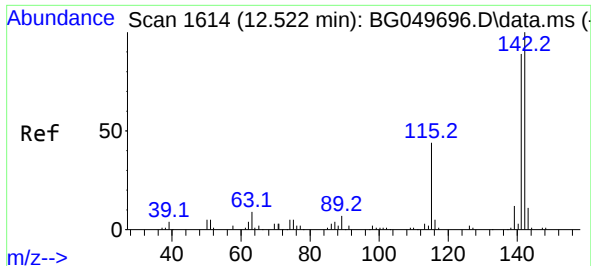
Instrument :
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Quant Time: Aug 07 17:09:30 2021
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Quant Title : SVOA CALIBRATION
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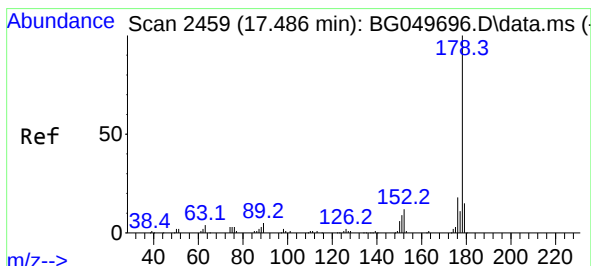
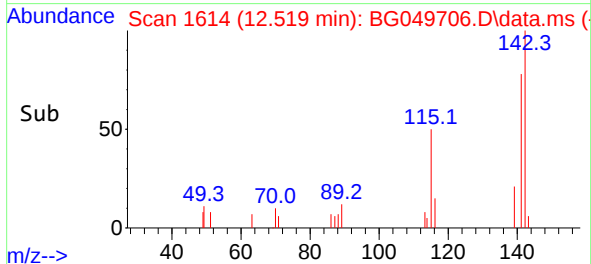
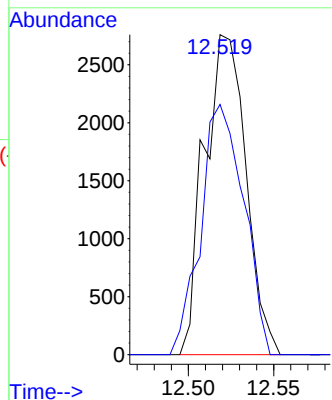
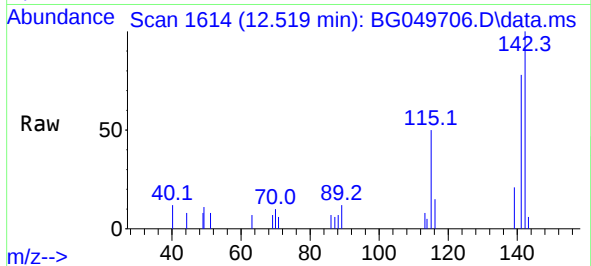
#36
2-Methylnaphthalene
Concen: 1.034 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Instrument :
BNA_G
ClientSampled :
C00E7

Tgt Ion:142 Resp: 4703
Ion Ratio Lower Upper
142 100
141 78.2 71.8 107.8

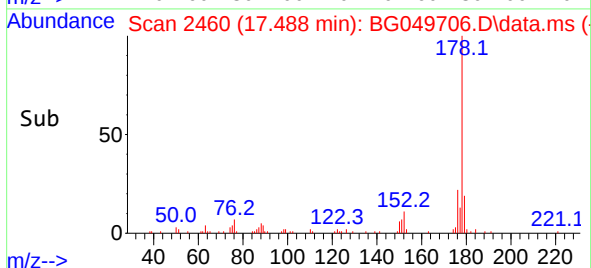
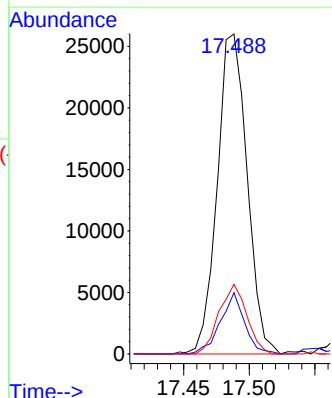
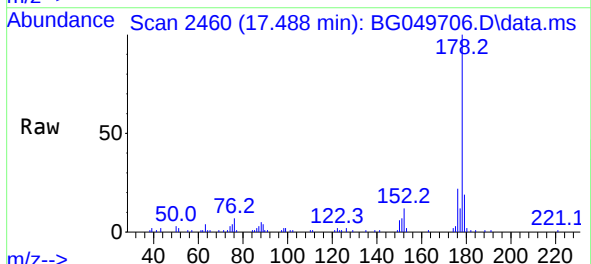
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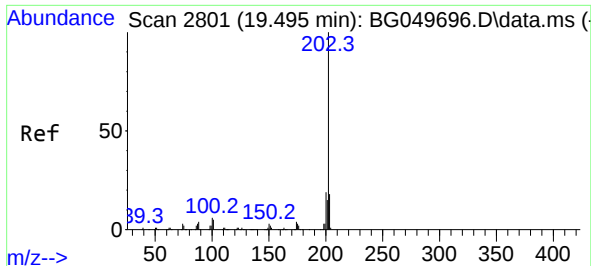
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#72
Phenanthrene
Concen: 4.819 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

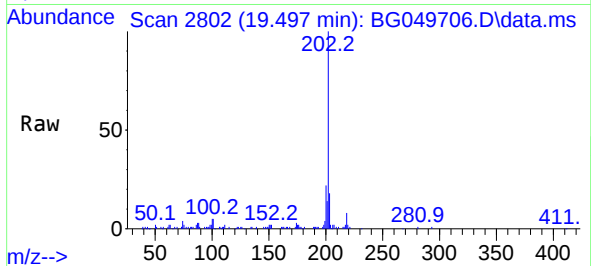
Tgt Ion:178 Resp: 41077
Ion Ratio Lower Upper
178 100
179 19.1 12.4 18.6#
176 21.8 15.4 23.2





#80
Fluoranthene
Concen: 4.919 ng/u1
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

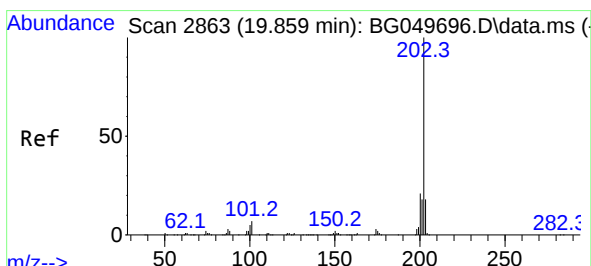
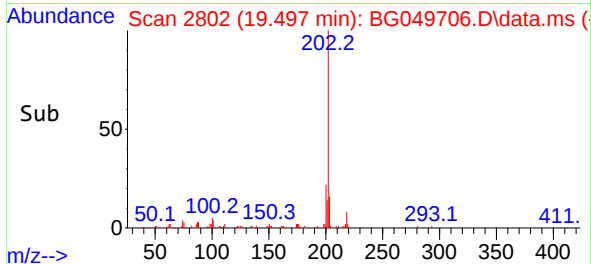
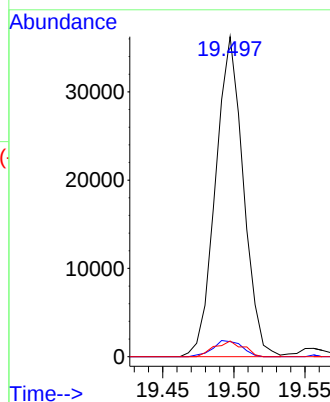
Instrument :
BNA_G
ClientSampled :
C00E7



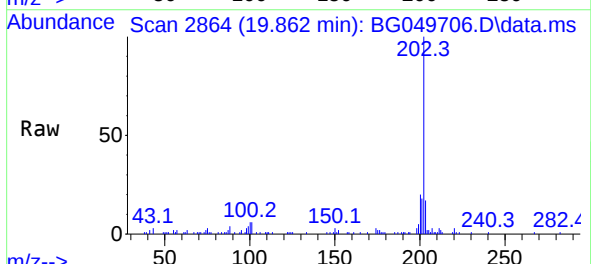
Tgt Ion:202 Resp: 49357
Ion Ratio Lower Upper
202 100
101 4.7 4.8 7.2#
100 4.9 3.9 5.9

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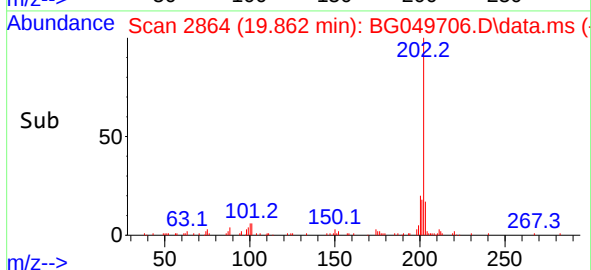
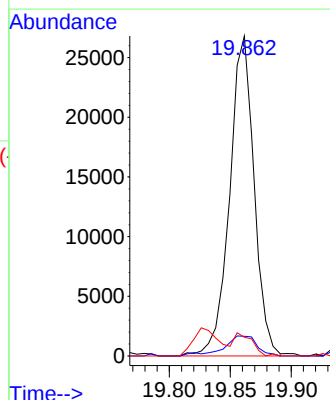
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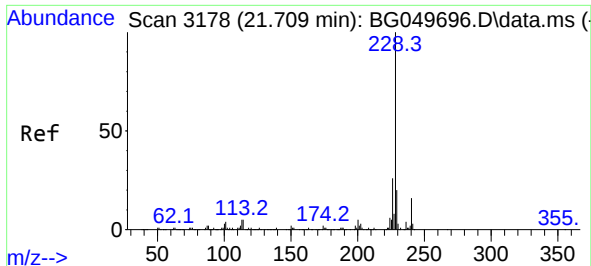


#82
Pyrene
Concen: 3.738 ng/u1
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24



Tgt Ion:202 Resp: 37416
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.8 4.8 7.2





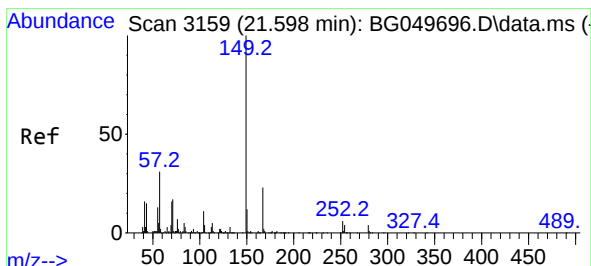
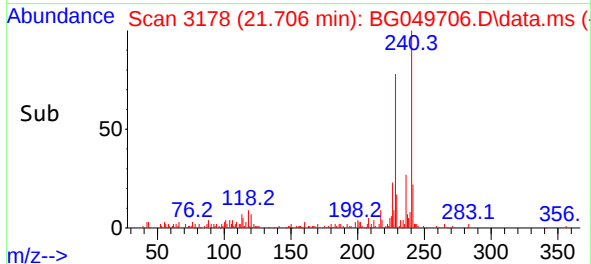
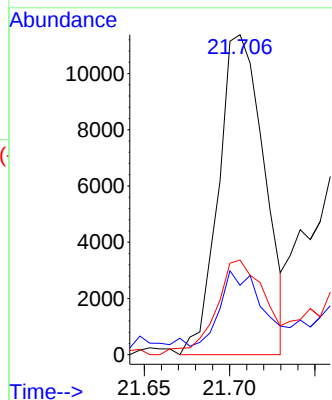
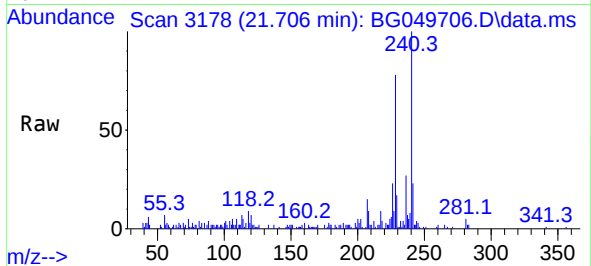
#85
Benzo(a)anthracene
Concen: 2.182 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	228	Resp:	21143
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.3	22.9
226	29.6	21.0	31.6

Instrument :
BNA_G
ClientSampled :
C00E7

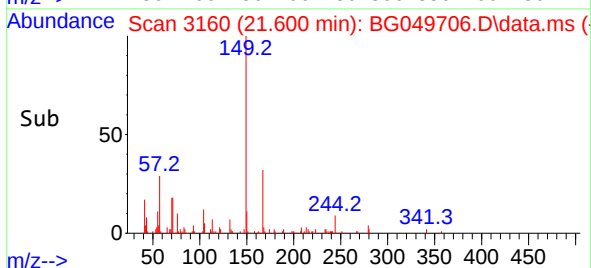
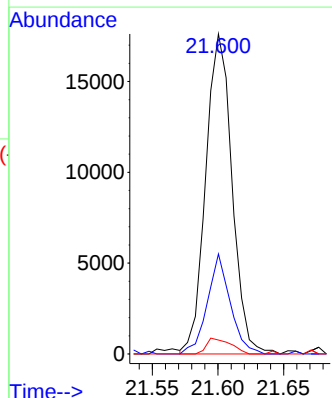
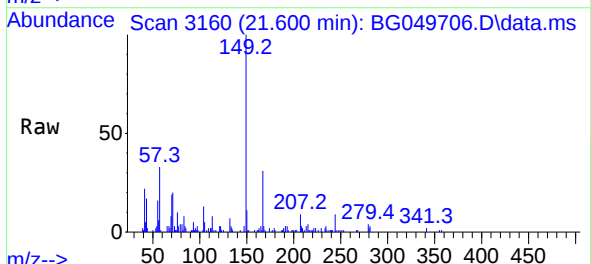
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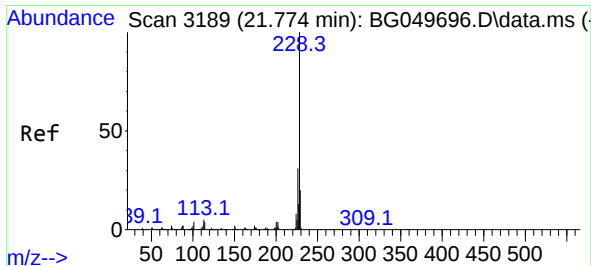
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#86
Bis(2-ethylhexyl)phthalate
Concen: 4.400 ng/ul
RT: 21.600 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	149	Resp:	24582
Ion Ratio	Lower	Upper	
149	100		
167	31.2	19.9	29.9#
279	4.3	3.6	5.4





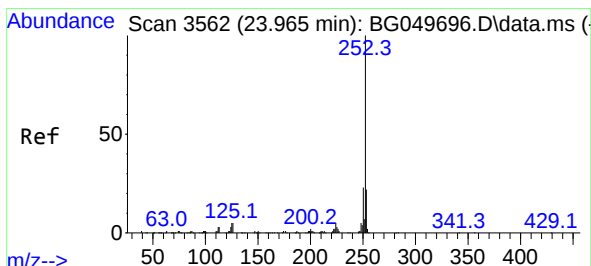
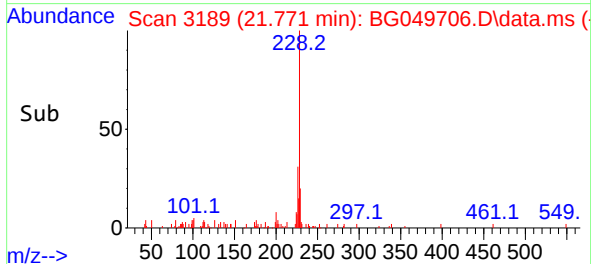
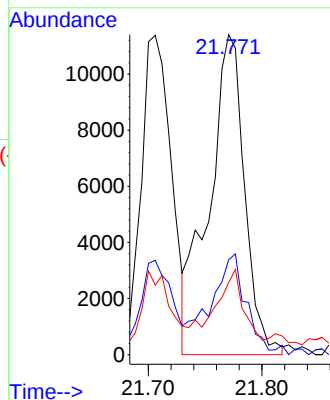
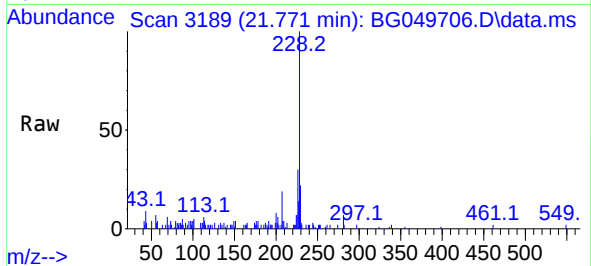
#87
Chrysene
Concen: 2.760 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. -0.007 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	228	Resp:	24976
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.7	37.1
229	22.5	15.4	23.2

Instrument :
BNA_G
ClientSampled :
C00E7

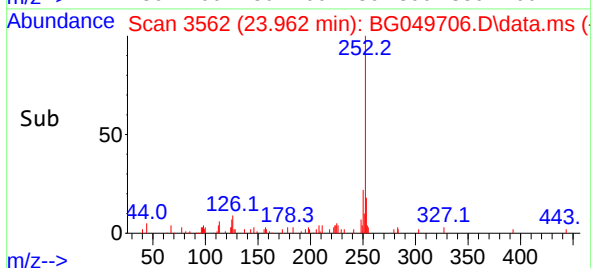
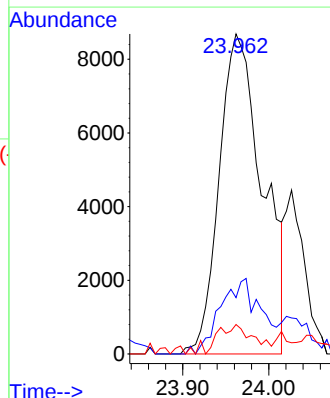
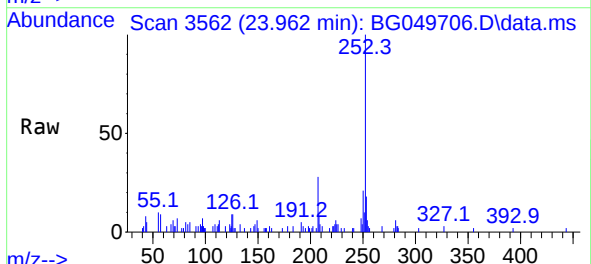
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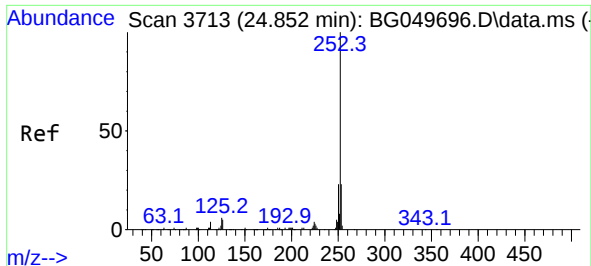
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#90
Benzo(b)fluoranthene
Concen: 3.011 ng/ul m
RT: 23.962 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	252	Resp:	30428
Ion Ratio	Lower	Upper	
252	100		
253	17.6	17.4	26.2
125	9.2	3.7	5.5





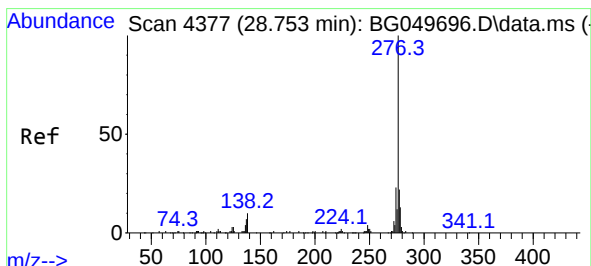
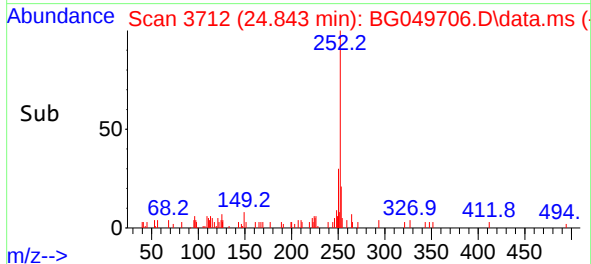
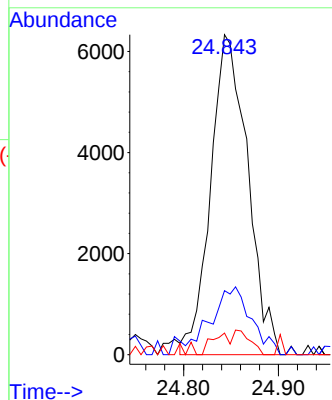
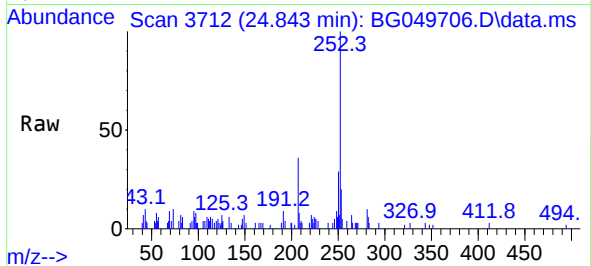
#93
Benzo(a)pyrene
Concen: 1.929 ng/ul
RT: 24.843 min Scan# 3712
Delta R.T. -0.007 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	252	Resp:	17161
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.7	26.5
125	6.7	4.6	7.0

Instrument :
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.242 ng/ul m
RT: 28.744 min Scan# 4376
Delta R.T. -0.001 min
Lab File: BG049706.D
Acq: 7 Aug 2021 15:24

Tgt Ion:	276	Resp:	14498
Ion Ratio	Lower	Upper	
276	100		
138	13.8	6.6	10.0#
277	16.7	19.4	29.2#

