

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049512.D
 Acq On : 27 Jul 2021 17:58
 Operator : CG/JU
 Sample : M3091-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0044

Manual Integrations
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Quant Time: Jul 28 04:36:56 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	8.054	152	27383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	109190	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.697	164	73511	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.453	188	129424	20.000	ng/ul #	0.00
79) Chrysene-d12	21.735	240	134076	20.000	ng/ul	0.01
88) Perylene-d12	25.013	264	144102	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.430	96	1564m	2.613	ng/uL	0.00
4) Pyridine-d5	3.865	84	9251	5.381	ng/ul	0.01
7) Phenol-d5	7.202	99	32404	13.375	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	19716	14.369	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	24073	13.862	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	27478	15.047	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	13057m	15.553	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	16164	16.431	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	28377	15.861	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	31036	12.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	89798	15.947	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	108956	16.659	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	9796	10.564	ng/ul	0.01
60) Fluorene-d10	15.690	176	75436	15.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	6987	8.712	ng/ul	0.00
73) Anthracene-d10	17.552	188	102547	17.048	ng/ul	0.01
81) Pyrene-d10	19.838	212	113153	16.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	122806	16.214	ng/ul	0.02
Target Compounds						
30) Naphthalene	10.920	128	10689	1.900	ng/ul#	91
36) 2-Methylnaphthalene	12.524	142	12810	3.112	ng/ul	92
37) 1-Methylnaphthalene	12.747	142	8260	1.986	ng/ul	87
39) 1,2,4,5-Tetrachloroben...	12.894	216	41684	19.079	ng/ul#	97
42) 2,4,5-Trichlorophenol	13.211	196	3334m	2.325	ng/ul	
72) Phenanthrene	17.494	178	28948	4.296	ng/ul#	86
80) Fluoranthene	19.509	202	20696	2.486	ng/ul#	98
82) Pyrene	19.873	202	19328	2.339	ng/ul#	94
85) Benzo(a)anthracene	21.712	228	14001	1.708	ng/ul#	78
87) Chrysene	21.782	228	24616	3.137	ng/ul#	90
90) Benzo(b)fluoranthene	23.967	252	25645	2.839	ng/ul#	90
93) Benzo(a)pyrene	24.848	252	12244	1.563	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.749	276	13861m	1.386	ng/ul	
96) Benzo(g,h,i)perylene	29.924	276	14237m	1.713	ng/ul	

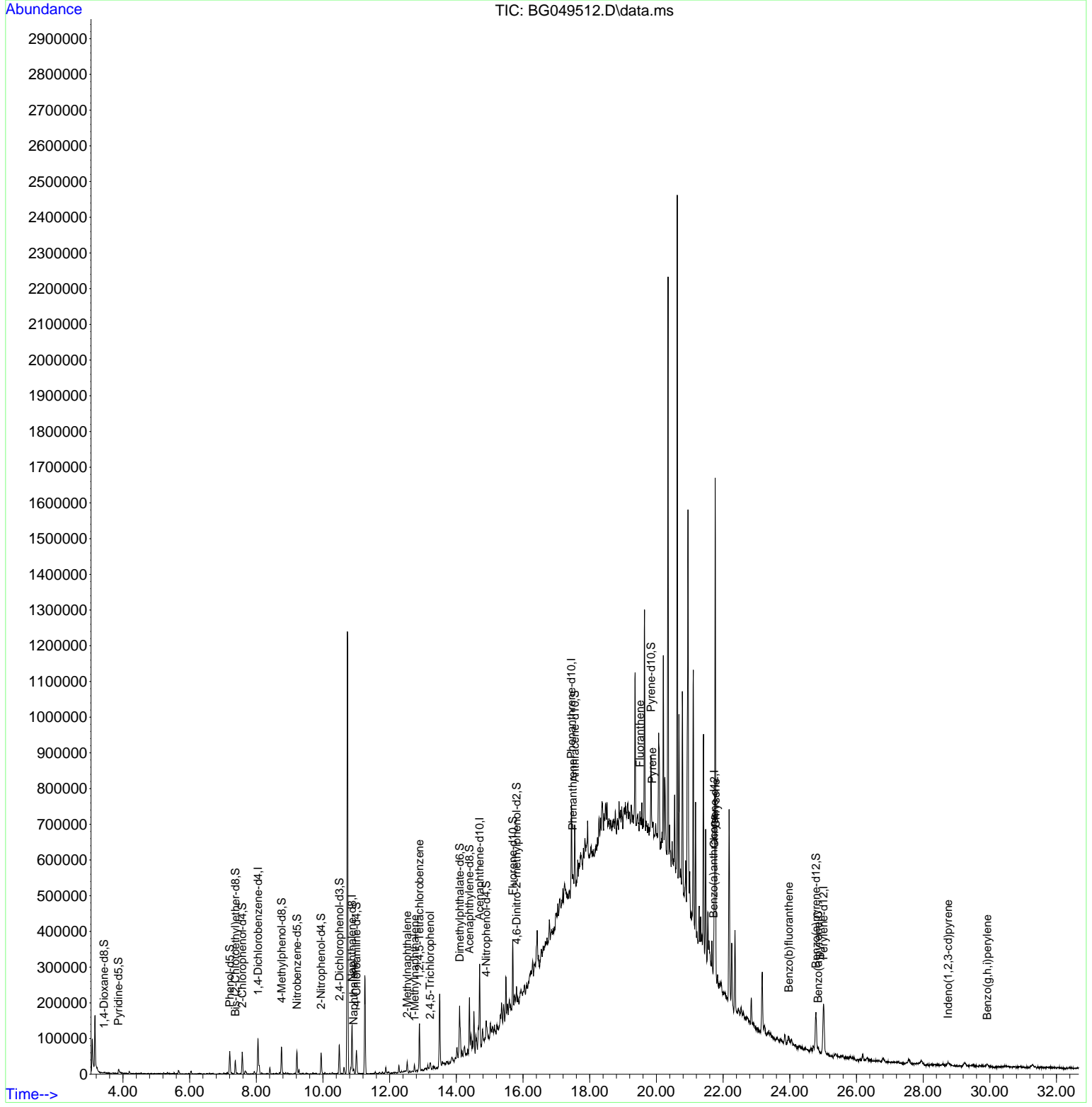
(#) = qualifier out of range (m) = manual integration (+) = signals summed

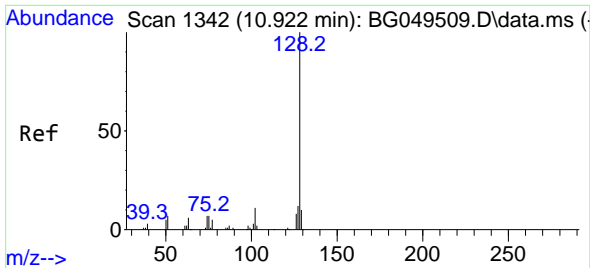
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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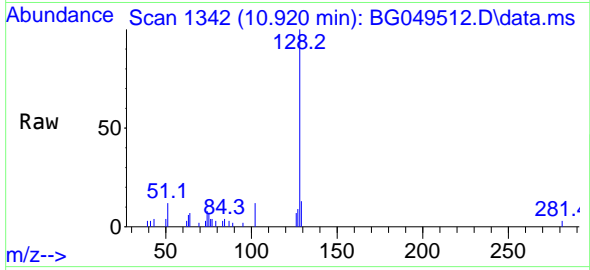
Quant Time: Jul 28 04:36:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
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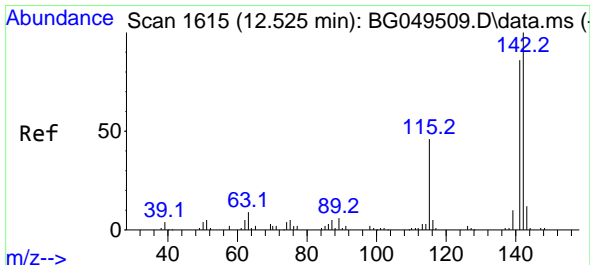
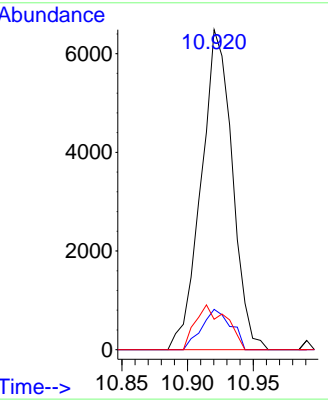
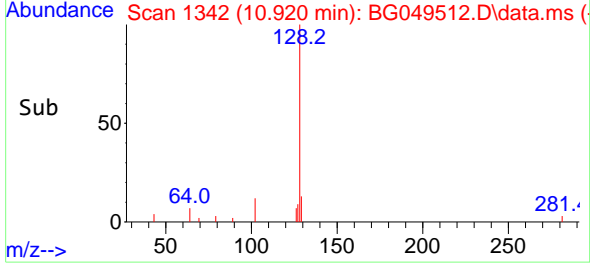
#30
 Naphthalene
 Concen: 1.900 ng/u1
 RT: 10.920 min Scan# 1342
 Delta R.T. 0.004 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

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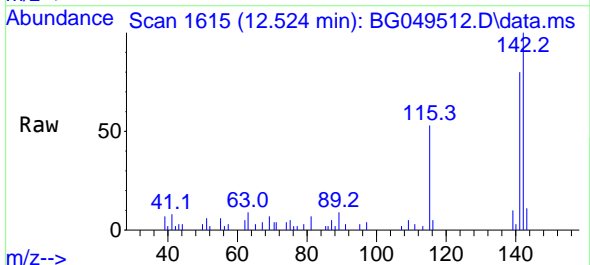


Tgt Ion:128 Resp: 10689
 Ion Ratio Lower Upper
 128 100
 129 12.6 7.8 11.8#
 127 9.5 11.0 16.6#

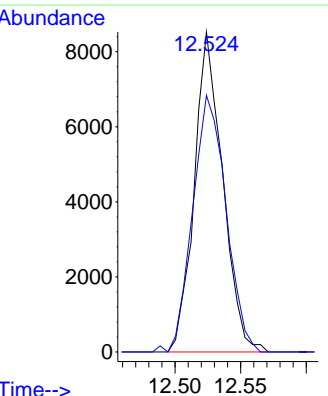
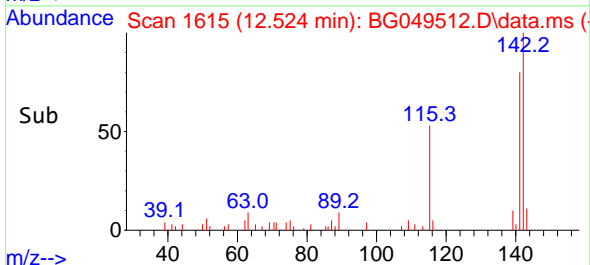
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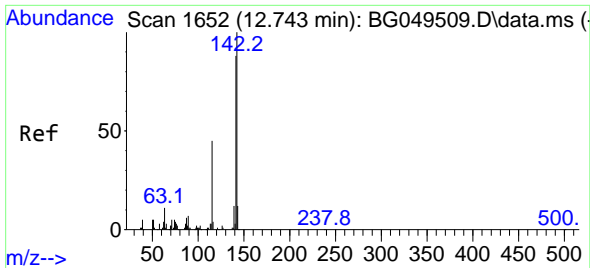


#36
 2-Methylnaphthalene
 Concen: 3.112 ng/u1
 RT: 12.524 min Scan# 1615
 Delta R.T. -0.002 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



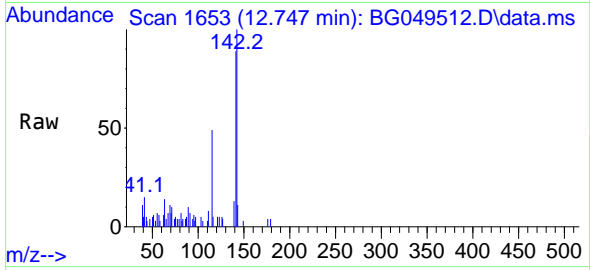
Tgt Ion:142 Resp: 12810
 Ion Ratio Lower Upper
 142 100
 141 80.2 69.9 104.9





#37
 1-Methylnaphthalene
 Concen: 1.986 ng/ul
 RT: 12.747 min Scan# 1653
 Delta R.T. 0.004 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

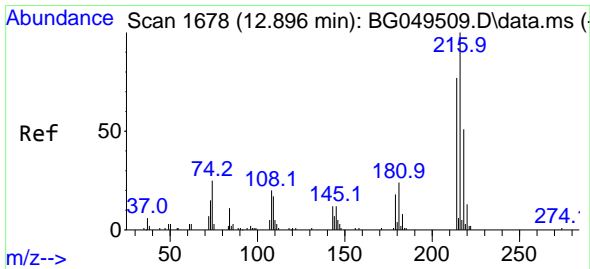
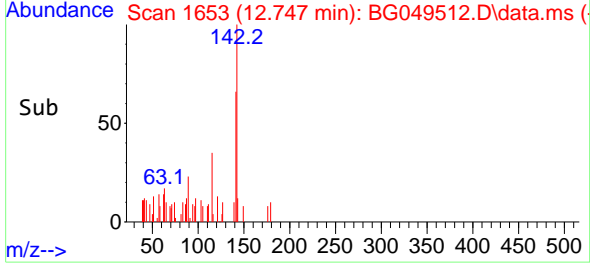
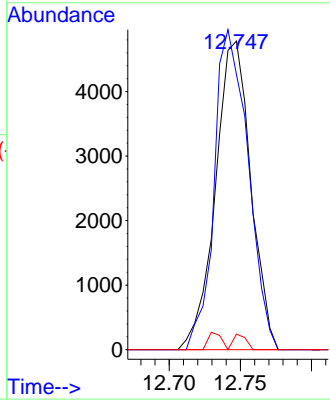
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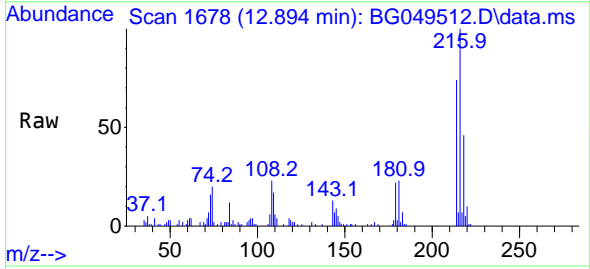
Tgt Ion:142 Resp: 8260

Ion	Ratio	Lower	Upper
142	100		
141	89.2	82.1	123.1
116	5.0	3.8	5.6

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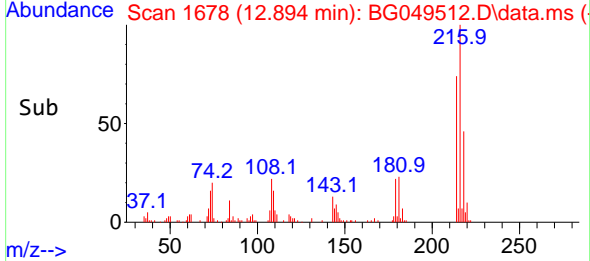
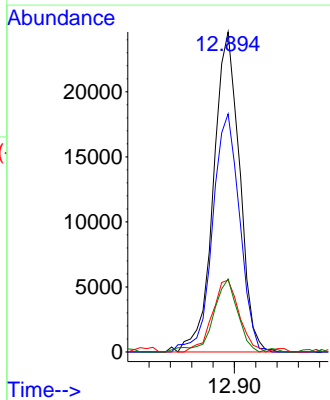


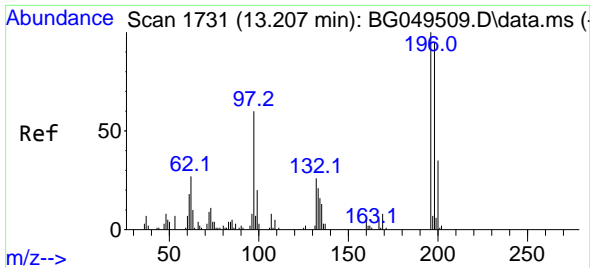
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.079 ng/ul
 RT: 12.894 min Scan# 1678
 Delta R.T. 0.004 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



Tgt Ion:216 Resp: 41684

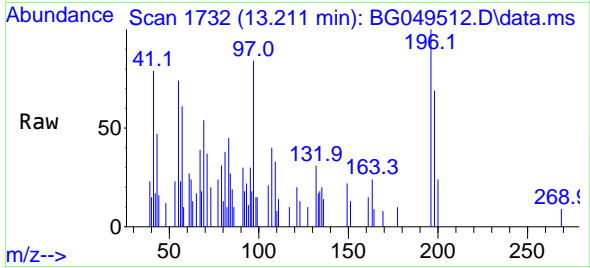
Ion	Ratio	Lower	Upper
216	100		
214	74.4	58.6	88.0
179	22.5	17.0	25.4
108	22.8	14.4	21.6





#42
 2,4,5-Trichlorophenol
 Concen: 2.325 ng/ul m
 RT: 13.211 min Scan# 1732
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

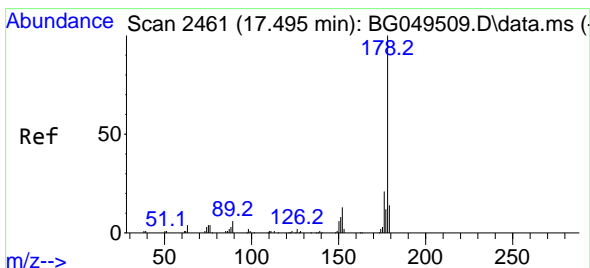
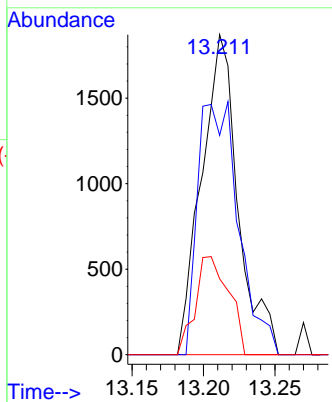
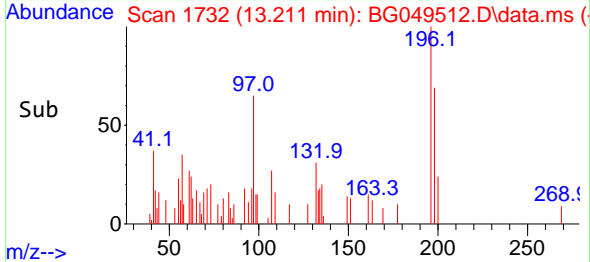
Instrument :
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 ClientSampled :
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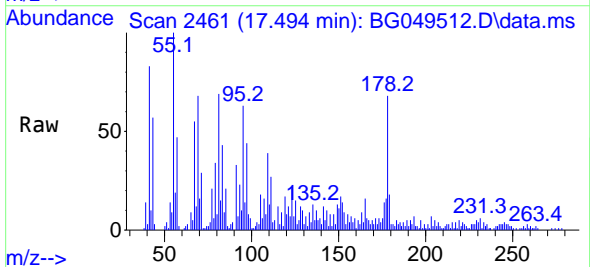
Tgt Ion:196 Resp: 3334
 Ion Ratio Lower Upper
 196 100
 198 68.6 81.4 122.0#
 200 23.7 26.6 39.8#

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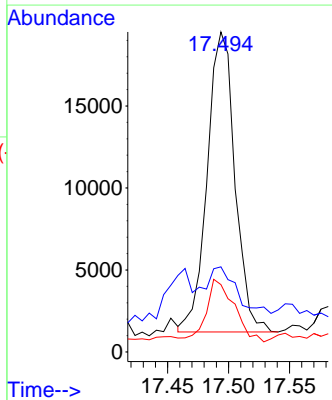
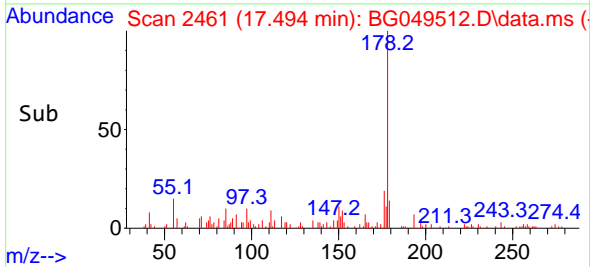
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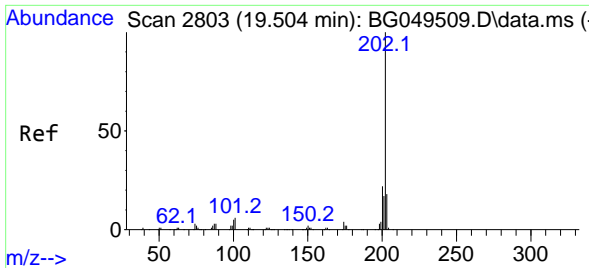


#72
 Phenanthrene
 Concen: 4.296 ng/ul
 RT: 17.494 min Scan# 2461
 Delta R.T. 0.004 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



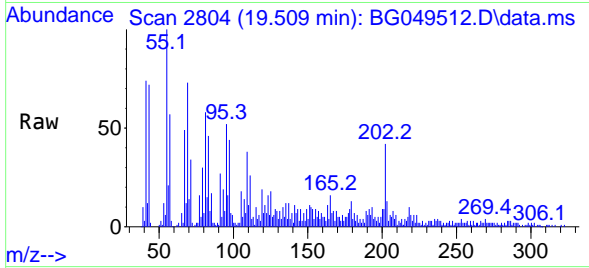
Tgt Ion:178 Resp: 28948
 Ion Ratio Lower Upper
 178 100
 179 26.6 13.2 19.8#
 176 21.1 15.0 22.6





#80
 Fluoranthene
 Concen: 2.486 ng/u1
 RT: 19.509 min Scan# 2804
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

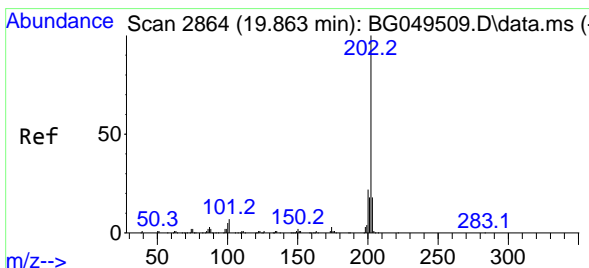
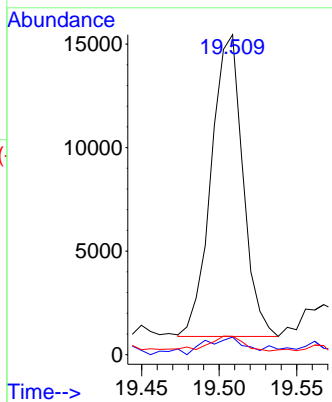
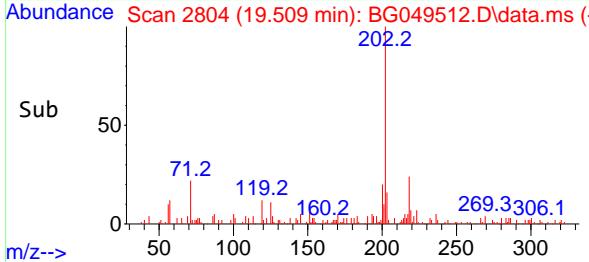
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 ClientSampled :
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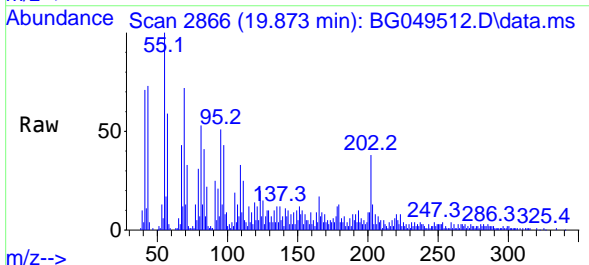
Tgt Ion:202 Resp: 20696
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.3 6.5
 100 5.8 3.8 5.6#

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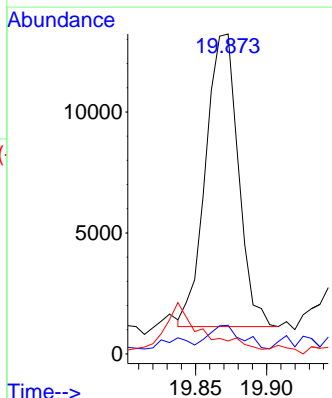
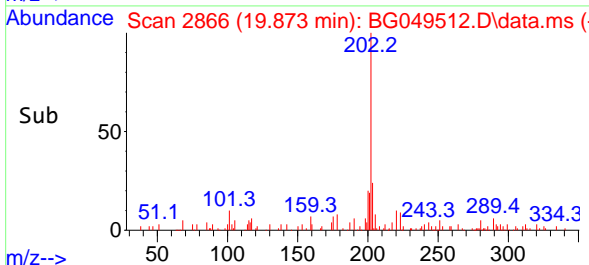
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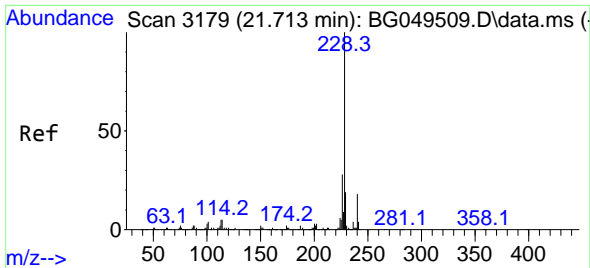


#82
 Pyrene
 Concen: 2.339 ng/u1
 RT: 19.873 min Scan# 2866
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



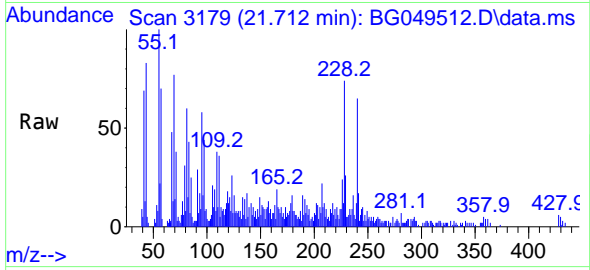
Tgt Ion:202 Resp: 19328
 Ion Ratio Lower Upper
 202 100
 101 9.0 5.3 7.9#
 100 4.1 4.7 7.1#





#85
 Benzo(a)anthracene
 Concen: 1.708 ng/uI
 RT: 21.712 min Scan# 3179
 Delta R.T. 0.004 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

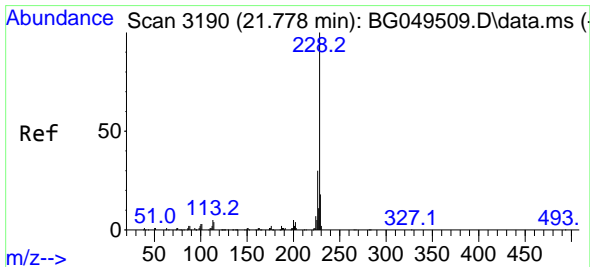
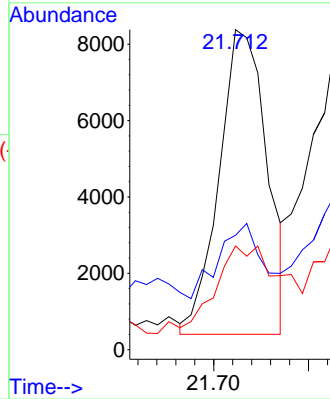
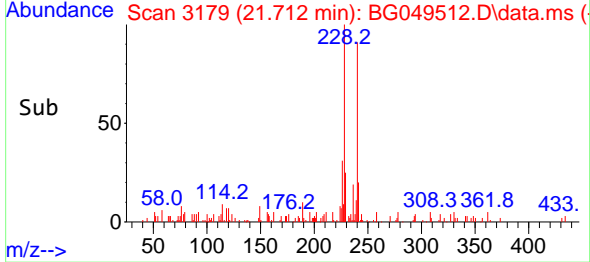
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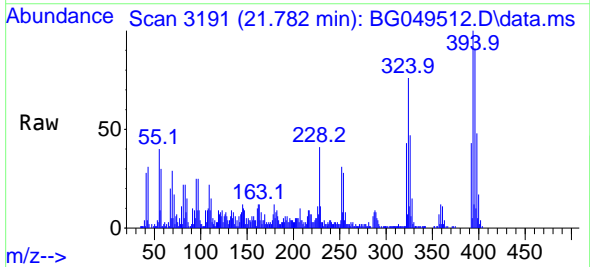
Tgt Ion:228 Resp: 14001
 Ion Ratio Lower Upper
 228 100
 229 35.8 15.4 23.2#
 226 32.4 21.1 31.7#

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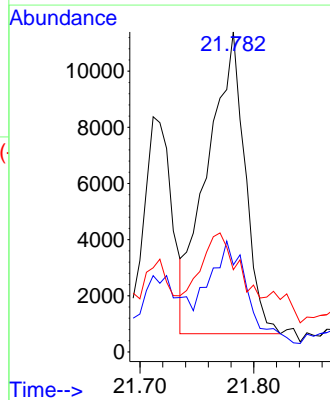
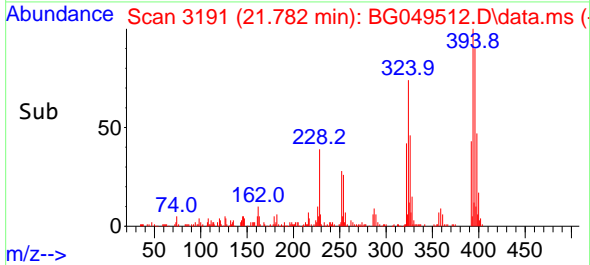
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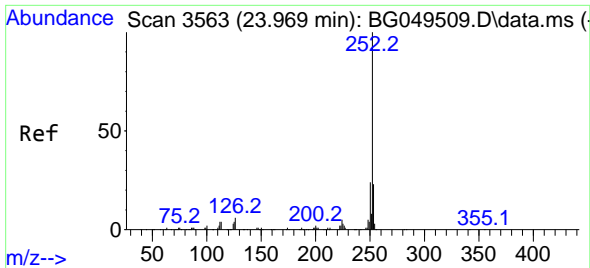


#87
 Chrysene
 Concen: 3.137 ng/uI
 RT: 21.782 min Scan# 3191
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



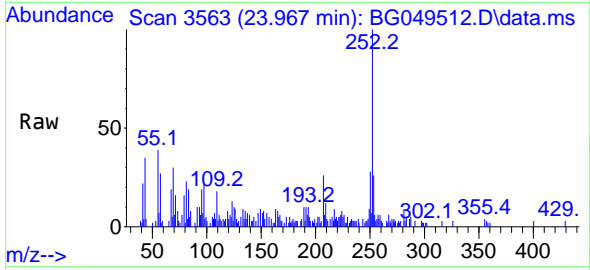
Tgt Ion:228 Resp: 24616
 Ion Ratio Lower Upper
 228 100
 226 27.2 24.6 37.0
 229 25.7 14.9 22.3#





#90
 Benzo(b)fluoranthene
 Concen: 2.839 ng/u1
 RT: 23.967 min Scan# 3563
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

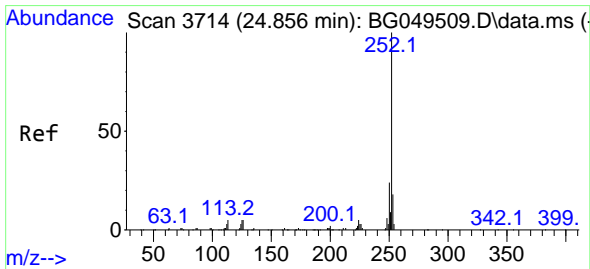
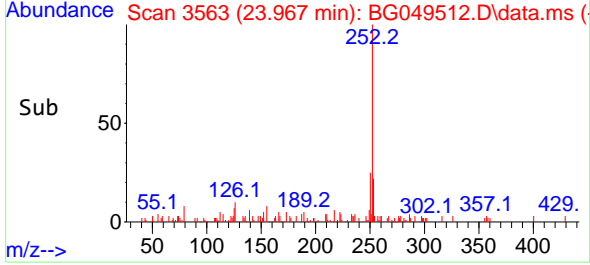
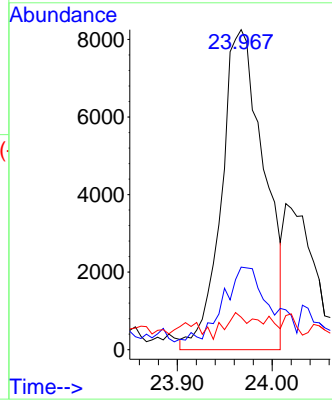
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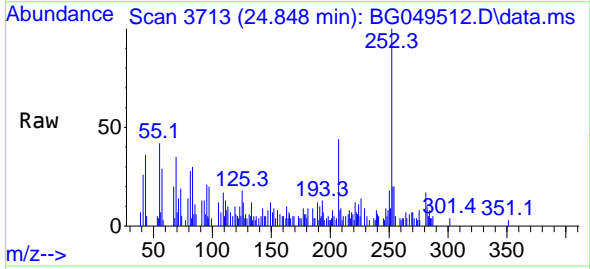
Tgt Ion:252 Resp: 25645

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	10.2	4.5	6.7#

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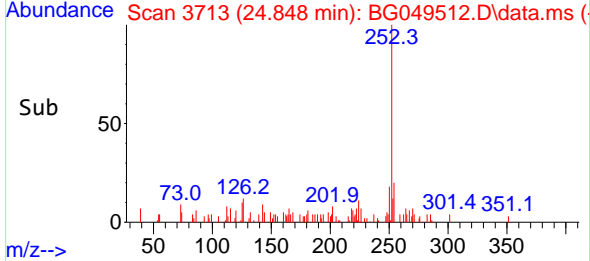
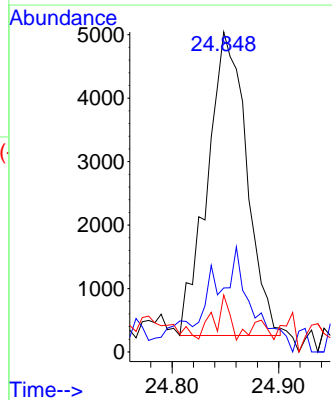


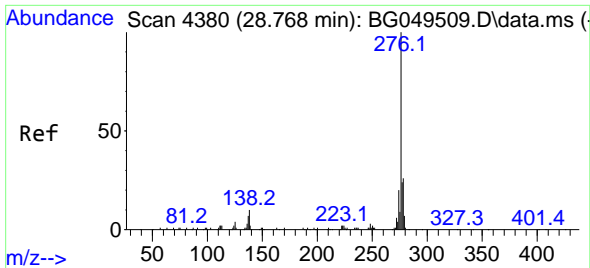
#93
 Benzo(a)pyrene
 Concen: 1.563 ng/u1
 RT: 24.848 min Scan# 3713
 Delta R.T. 0.010 min
 Lab File: BG049512.D
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Tgt Ion:252 Resp: 12244

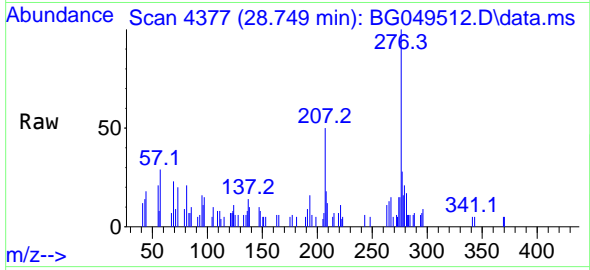
Ion	Ratio	Lower	Upper
252	100		
253	20.0	16.4	24.6
125	17.8	4.6	6.8#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.386 ng/ul m
 RT: 28.749 min Scan# 4377
 Delta R.T. 0.010 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58

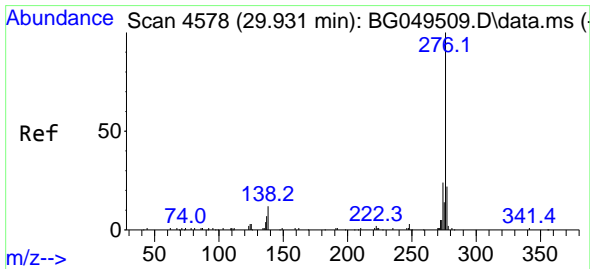
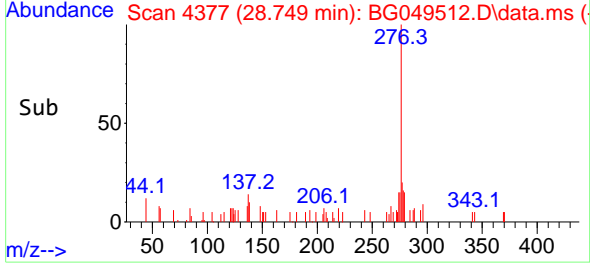
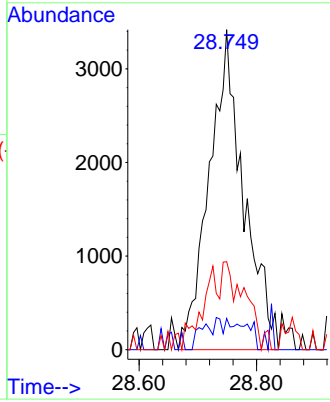
Instrument :
 BNA_G
ClientSampled :
 C0044



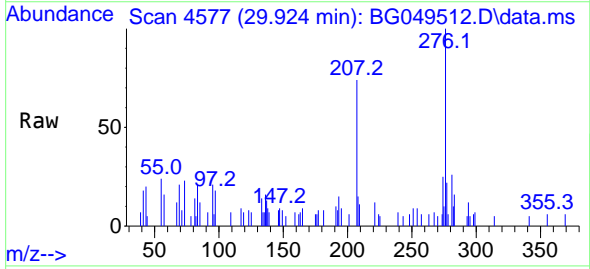
Tgt Ion:276 Resp: 13861

Ion	Ratio	Lower	Upper
276	100		
138	9.7	7.3	10.9
277	27.5	19.2	28.8

Manual Integrations
APPROVED
 mohammad
 7/28/2021 11:29:50 AM



#96
 Benzo(g,h,i)perylene
 Concen: 1.713 ng/ul m
 RT: 29.924 min Scan# 4577
 Delta R.T. 0.022 min
 Lab File: BG049512.D
 Acq: 27 Jul 2021 17:58



Tgt Ion:276 Resp: 14237

Ion	Ratio	Lower	Upper
276	100		
138	8.7	10.8	16.2#
277	22.3	20.6	31.0

