

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049728.D
 Acq On : 8 Aug 2021 7:55
 Operator : CG/JU
 Sample : M3208-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00E3

Manual Integrations
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 8/9/2021 12:11:47 PM

Quant Time: Aug 09 04:24:48 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	35978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	150396	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	100122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	196769	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	168947	20.000	ng/ul	0.00
88) Perylene-d12	25.007	264	176094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2296m	2.984	ng/uL	0.00
4) Pyridine-d5	3.860	84	29648m	12.839	ng/ul	0.01
7) Phenol-d5	7.202	99	58753	17.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	37912	20.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	47192	20.193	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	28530	11.460	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	26283	22.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	31180	23.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	50041	19.615	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	41621	11.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	165529	21.067	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	205688	22.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	17756	13.977	ng/ul	0.02
60) Fluorene-d10	15.685	176	143542	21.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	18032	13.616	ng/ul	0.00
73) Anthracene-d10	17.547	188	207883	22.381	ng/ul	0.00
81) Pyrene-d10	19.832	212	218066	23.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	207296	21.484	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.184	77	1778	1.022	ng/ul#	62
30) Naphthalene	10.921	128	8727	1.111	ng/ul#	87
36) 2-Methylnaphthalene	12.524	142	6228	1.036	ng/ul#	78
72) Phenanthrene	17.494	178	33545	3.221	ng/ul#	91
80) Fluoranthene	19.497	202	64462	5.611	ng/ul	98
82) Pyrene	19.861	202	51656	4.508	ng/ul	98
85) Benzo(a)anthracene	21.706	228	34205	3.084	ng/ul	93
87) Chrysene	21.777	228	41043	3.962	ng/ul	96
90) Benzo(b)fluoranthene	23.962	252	56938	4.947	ng/ul	99
91) Benzo(k)fluoranthene	24.026	252	22292m	1.951	ng/ul	
93) Benzo(a)pyrene	24.861	252	38050	3.755	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.773	276	32808m	2.467	ng/ul	
96) Benzo(g,h,i)perylene	29.918	276	13530m	1.224	ng/ul	

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

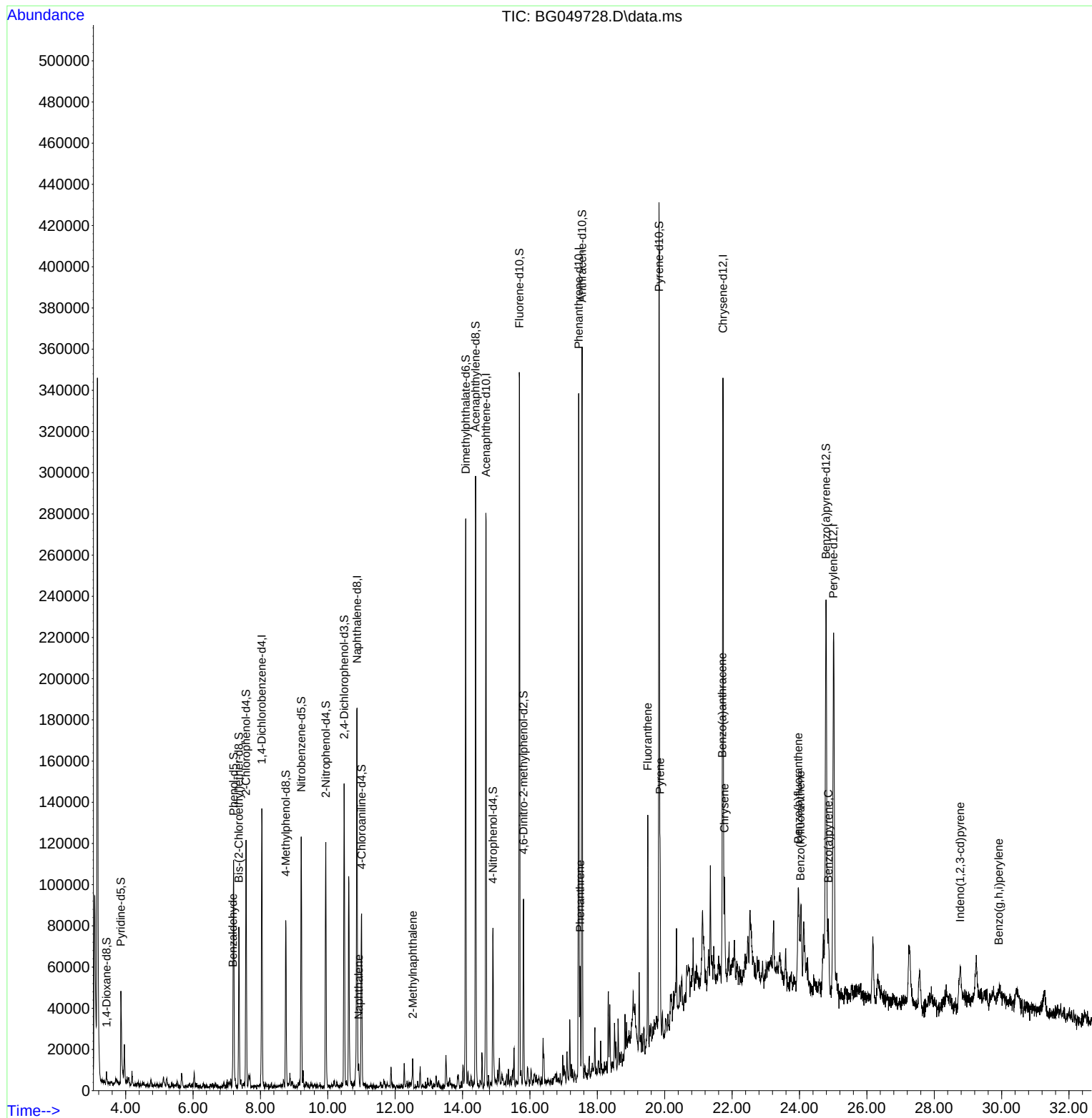
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Data File : BG049728.D
Acq On : 8 Aug 2021 7:55
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

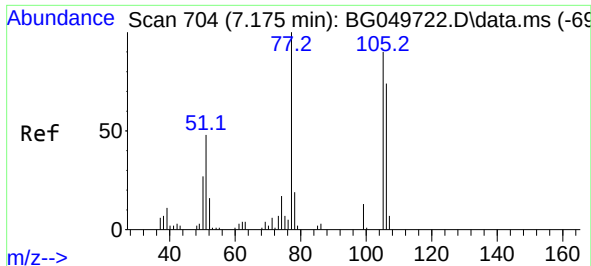
Instrument :
BNA_G
ClientSampled :
C00E3

Manual Integrations
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Quant Time: Aug 09 04:24:48 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





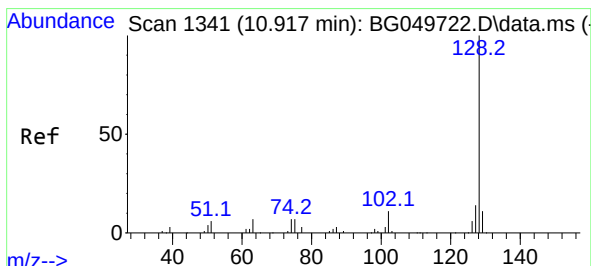
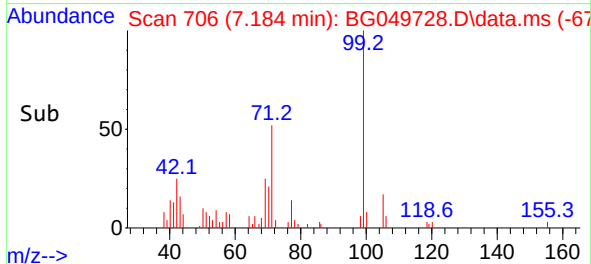
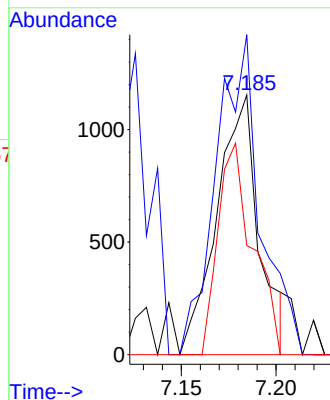
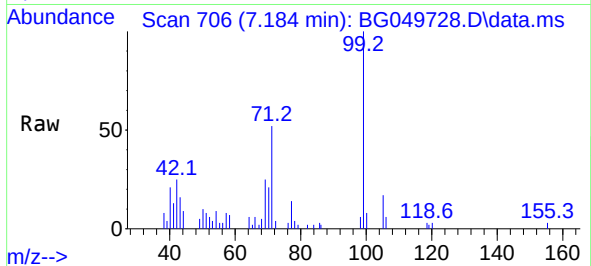
#6
Benzaldehyde
Concen: 1.022 ng/ul
RT: 7.184 min Scan# 706
Delta R.T. 0.011 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

Tgt Ion: 77 Resp: 1778
Ion Ratio Lower Upper
77 100
105 123.2 83.3 124.9
106 42.0 81.0 121.4#

Instrument :
BNA_G
ClientSampled :
C00E3

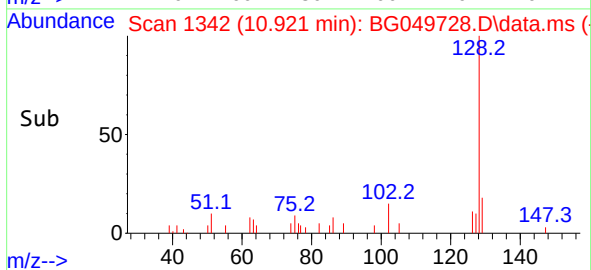
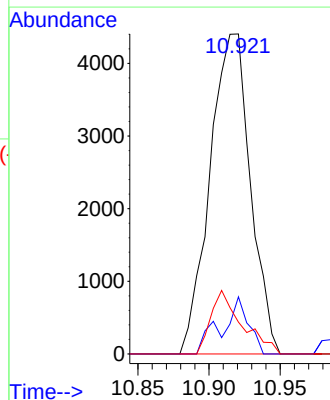
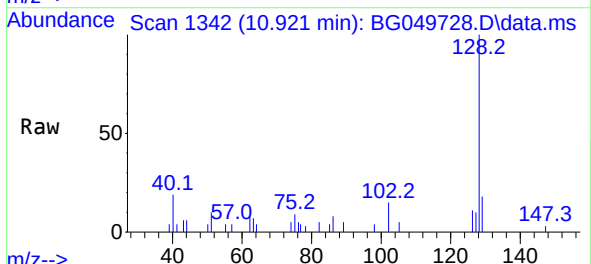
Manual Integrations
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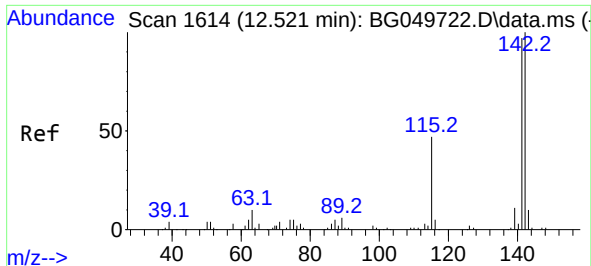
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#30
Naphthalene
Concen: 1.111 ng/ul
RT: 10.921 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

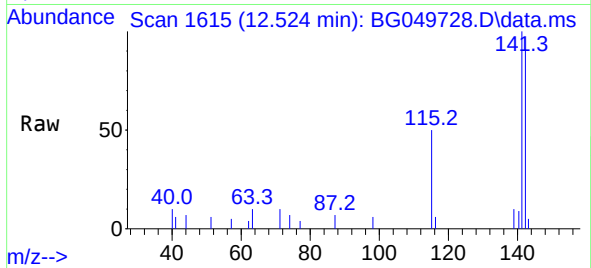
Tgt Ion: 128 Resp: 8727
Ion Ratio Lower Upper
128 100
129 17.8 8.7 13.1#
127 9.9 10.6 16.0#





#36
2-Methylnaphthalene
Concen: 1.036 ng/ul
RT: 12.524 min Scan# 1615
Delta R.T. 0.005 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

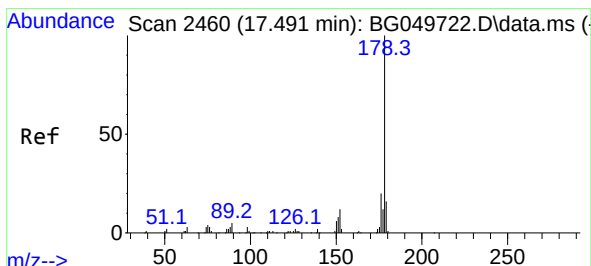
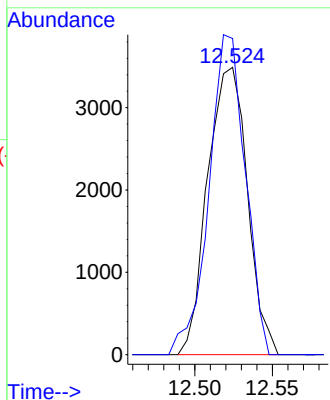
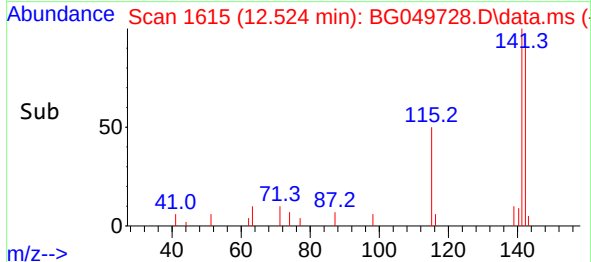
Instrument :
BNA_G
ClientSampled :
C00E3



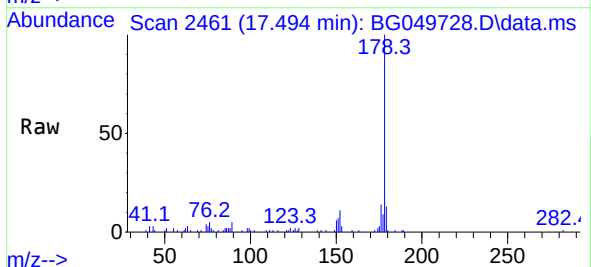
Tgt Ion:142 Resp: 6228
Ion Ratio Lower Upper
142 100
141 110.1 71.8 107.8#

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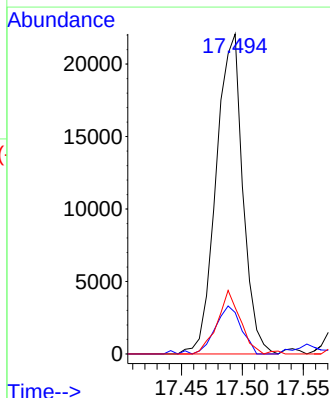
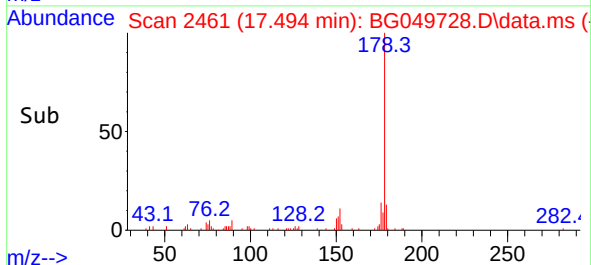
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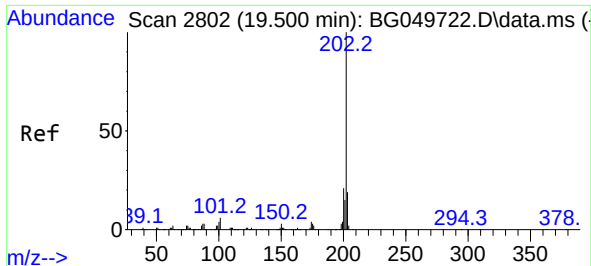


#72
Phenanthrene
Concen: 3.221 ng/ul
RT: 17.494 min Scan# 2461
Delta R.T. 0.005 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55



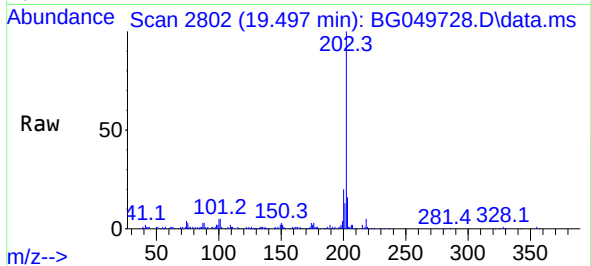
Tgt Ion:178 Resp: 33545
Ion Ratio Lower Upper
178 100
179 12.9 12.4 18.6
176 14.5 15.4 23.2#





#80
Fluoranthene
Concen: 5.611 ng/u1
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

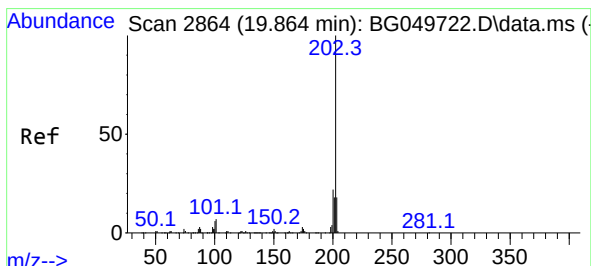
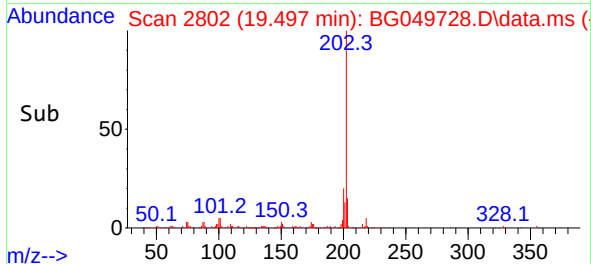
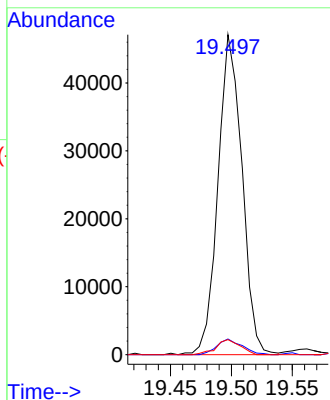
Instrument :
BNA_G
ClientSampled :
C00E3



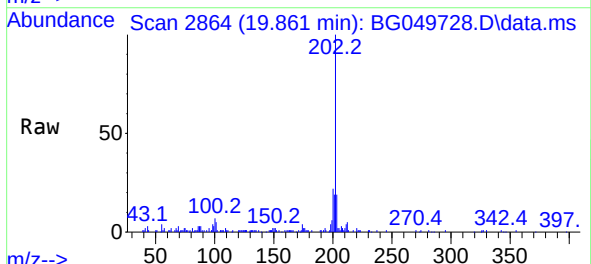
Tgt Ion:202 Resp: 64462
Ion Ratio Lower Upper
202 100
101 4.9 4.8 7.2
100 4.7 3.9 5.9

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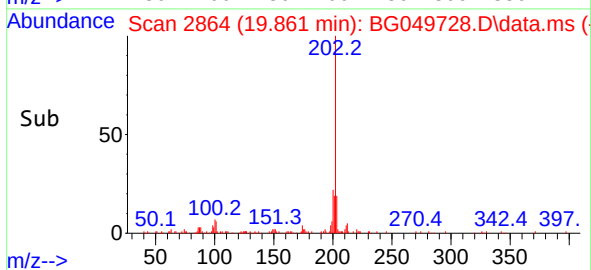
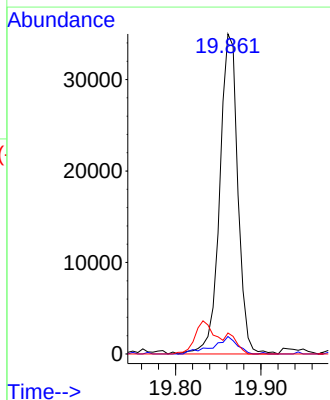
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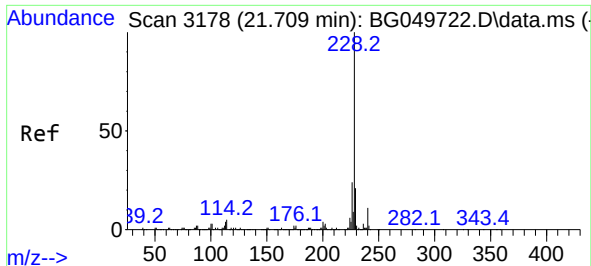


#82
Pyrene
Concen: 4.508 ng/u1
RT: 19.861 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

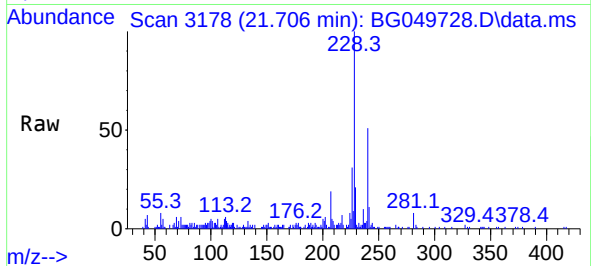


Tgt Ion:202 Resp: 51656
Ion Ratio Lower Upper
202 100
101 5.5 5.2 7.8
100 6.5 4.8 7.2

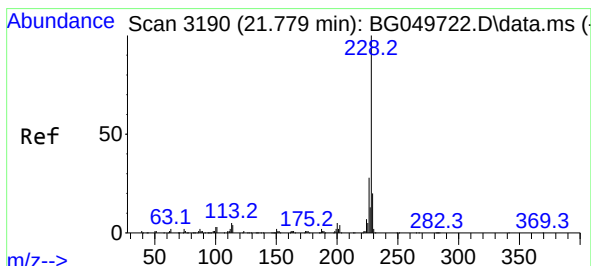
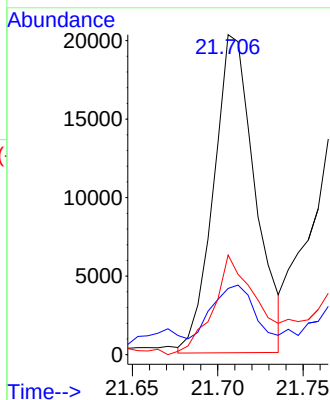
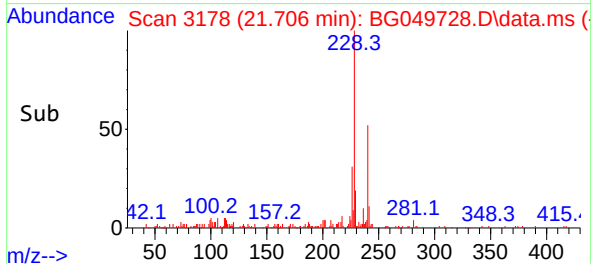




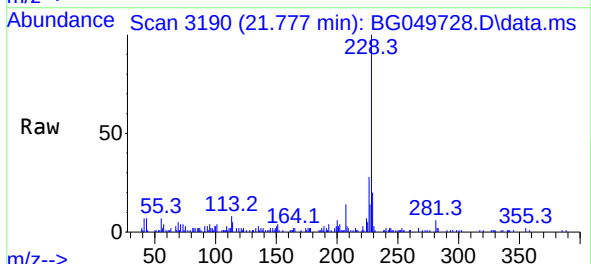
#85
Benzo(a)anthracene
Concen: 3.084 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55



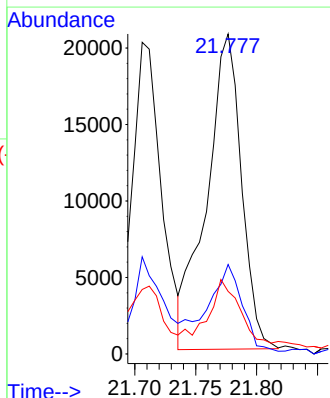
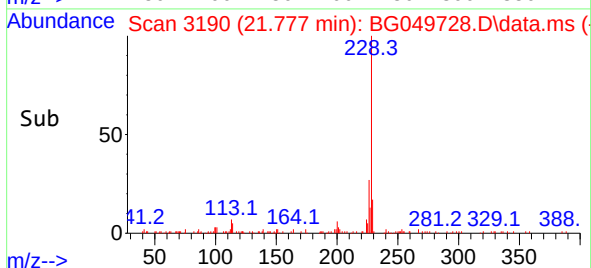
Tgt Ion:	228	Resp:	34205
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.3	22.9
226	31.2	21.0	31.6



#87
Chrysene
Concen: 3.962 ng/ul
RT: 21.777 min Scan# 3190
Delta R.T. -0.001 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55



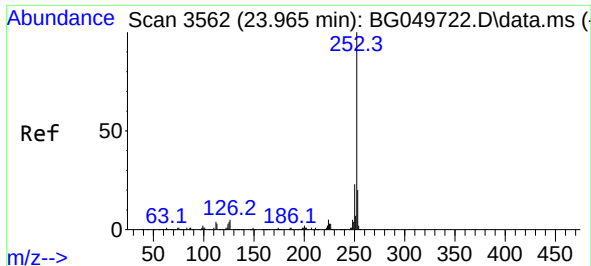
Tgt Ion:	228	Resp:	41043
Ion Ratio	Lower	Upper	
228	100		
226	27.9	24.7	37.1
229	19.5	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
C00E3

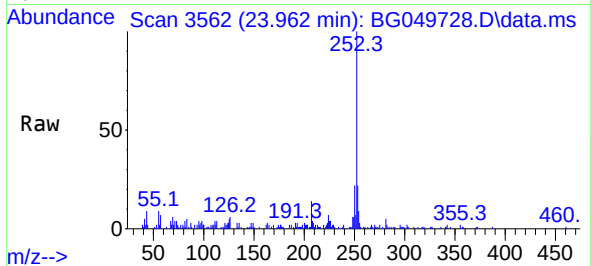
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#90
Benzo(b)fluoranthene
Concen: 4.947 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

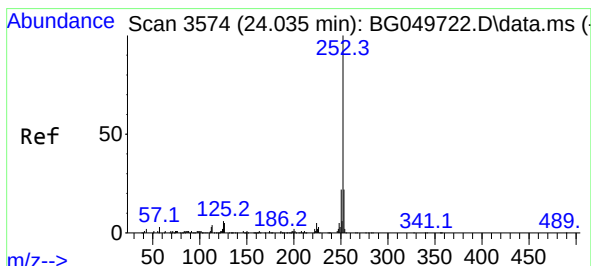
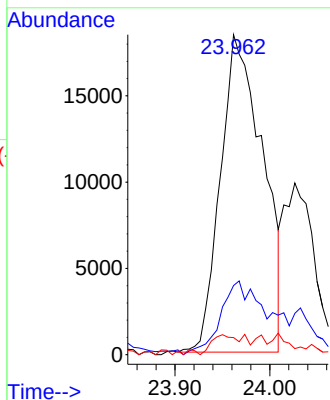
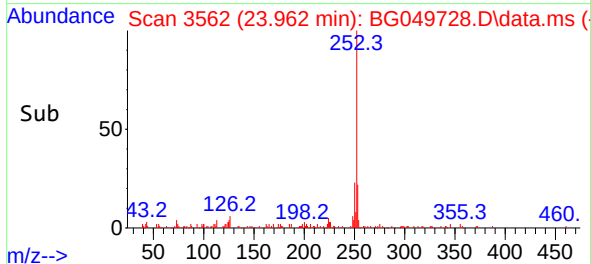
Instrument :
BNA_G
ClientSampled :
C00E3



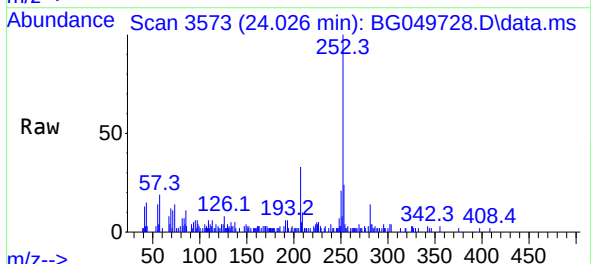
Tgt Ion:252 Resp: 56938
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.4 3.7 5.5

Manual Integrations
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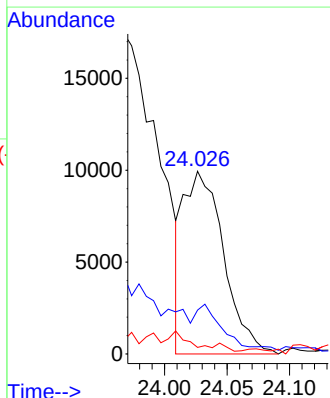
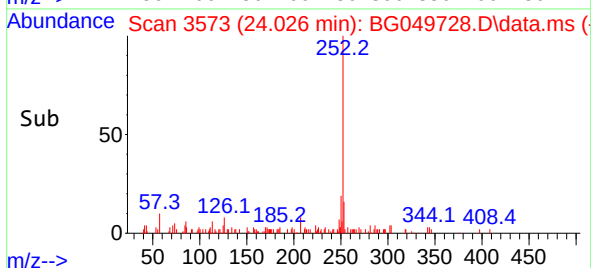
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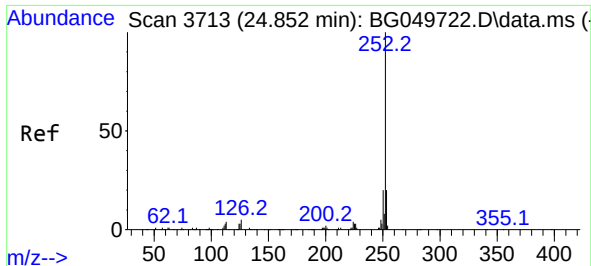


#91
Benzo(k)fluoranthene
Concen: 1.951 ng/ul m
RT: 24.026 min Scan# 3573
Delta R.T. -0.001 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55



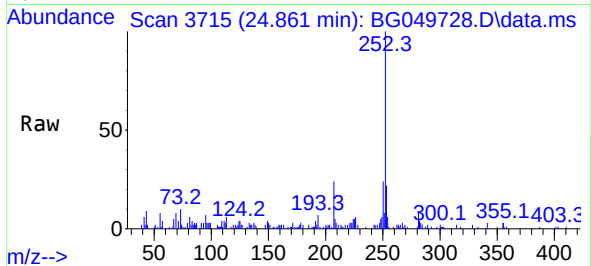
Tgt Ion:252 Resp: 22292
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 3.6 3.8 5.8#





#93
Benzo(a)pyrene
Concen: 3.755 ng/ul
RT: 24.861 min Scan# 3715
Delta R.T. 0.011 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55

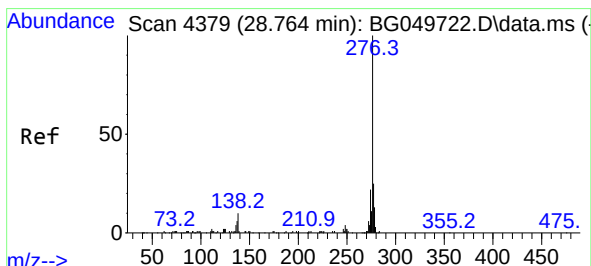
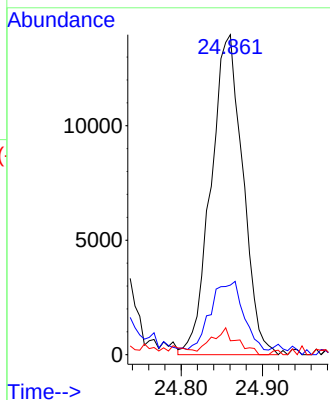
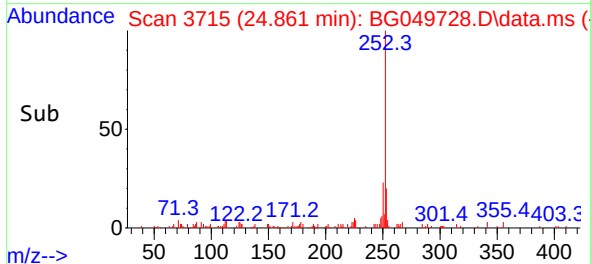
Instrument :
BNA_G
ClientSampled :
C00E3



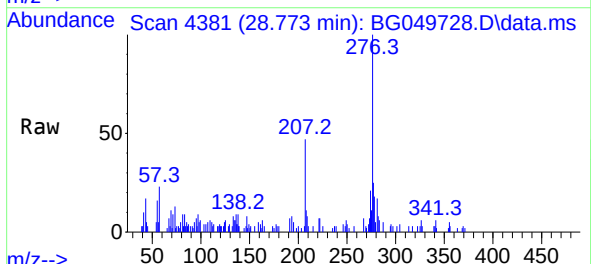
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Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 4.4 4.6 7.0#

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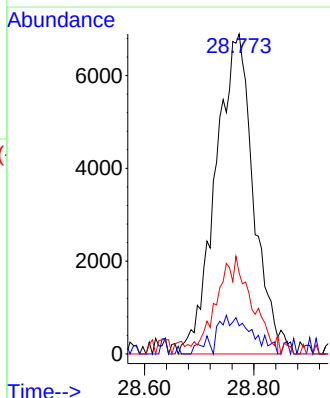
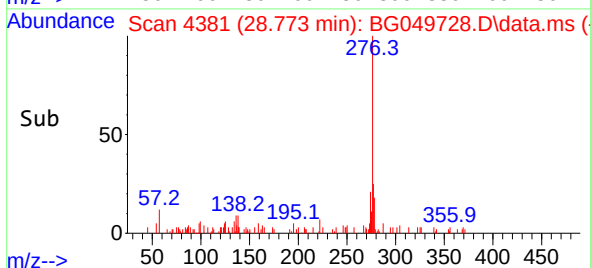
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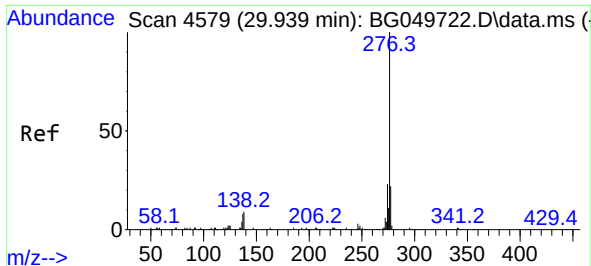


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.467 ng/ul m
RT: 28.773 min Scan# 4381
Delta R.T. 0.029 min
Lab File: BG049728.D
Acq: 8 Aug 2021 7:55



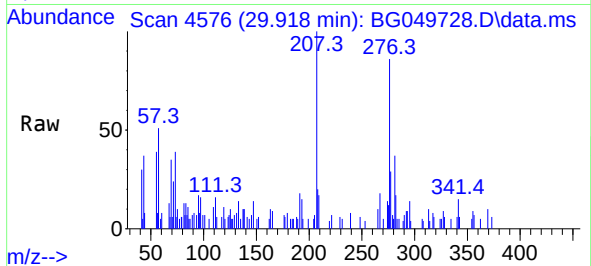
Tgt Ion:276 Resp: 32808
Ion Ratio Lower Upper
276 100
138 8.8 6.6 10.0
277 25.3 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.224 ng/ul m
 RT: 29.918 min Scan# 4576
 Delta R.T. -0.001 min
 Lab File: BG049728.D
 Acq: 8 Aug 2021 7:55

Instrument :
 BNA_G
 ClientSampled :
 C00E3



Tgt Ion:	276	Resp:	13530
Ion Ratio	Lower	Upper	
276	100		
138	11.7	7.2	10.8#
277	34.3	19.5	29.3#

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