

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049727.D
 Acq On : 8 Aug 2021 7:14
 Operator : CG/JU
 Sample : M3208-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00E9

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Quant Time: Aug 09 04:13:38 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	8.043	152	34963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	142932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	94082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	184145	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	161107	20.000	ng/ul	0.00
88) Perylene-d12	25.014	264	167727	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	1992	2.664	ng/uL	0.00
4) Pyridine-d5	3.867	84	20258m	9.027	ng/ul	0.02
7) Phenol-d5	7.203	99	62851	19.807	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	36146	19.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	45962	20.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	38745	16.014	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	25277	22.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	28219	21.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	51541	21.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	12455	3.753	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	155797	21.102	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	185702	21.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.905	143	21853	18.307	ng/ul	0.02
60) Fluorene-d10	15.686	176	130064	20.494	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	20970	16.920	ng/ul	0.00
73) Anthracene-d10	17.548	188	180329	20.746	ng/ul	0.00
81) Pyrene-d10	19.833	212	198311	22.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	185148	20.146	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	17372	2.327	ng/ul	96
36) 2-Methylnaphthalene	12.520	142	13181	2.306	ng/ul	97
37) 1-Methylnaphthalene	12.737	142	7411	1.333	ng/ul#	97
72) Phenanthrene	17.489	178	60687	6.227	ng/ul	99
80) Fluoranthene	19.498	202	135230	12.344	ng/ul#	97
82) Pyrene	19.863	202	101997	9.335	ng/ul	98
85) Benzo(a)anthracene	21.707	228	64490m	6.097	ng/ul	
87) Chrysene	21.778	228	70942	7.181	ng/ul	95
90) Benzo(b)fluoranthene	23.969	252	87378	7.970	ng/ul#	97
91) Benzo(k)fluoranthene	24.028	252	31741m	2.916	ng/ul	
93) Benzo(a)pyrene	24.856	252	51261	5.312	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.768	276	43012	3.396	ng/ul#	91
95) Dibenzo(a,h)anthracene	28.827	278	13098m	1.240	ng/ul	
96) Benzo(g,h,i)perylene	29.949	276	12878m	1.223	ng/ul	

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

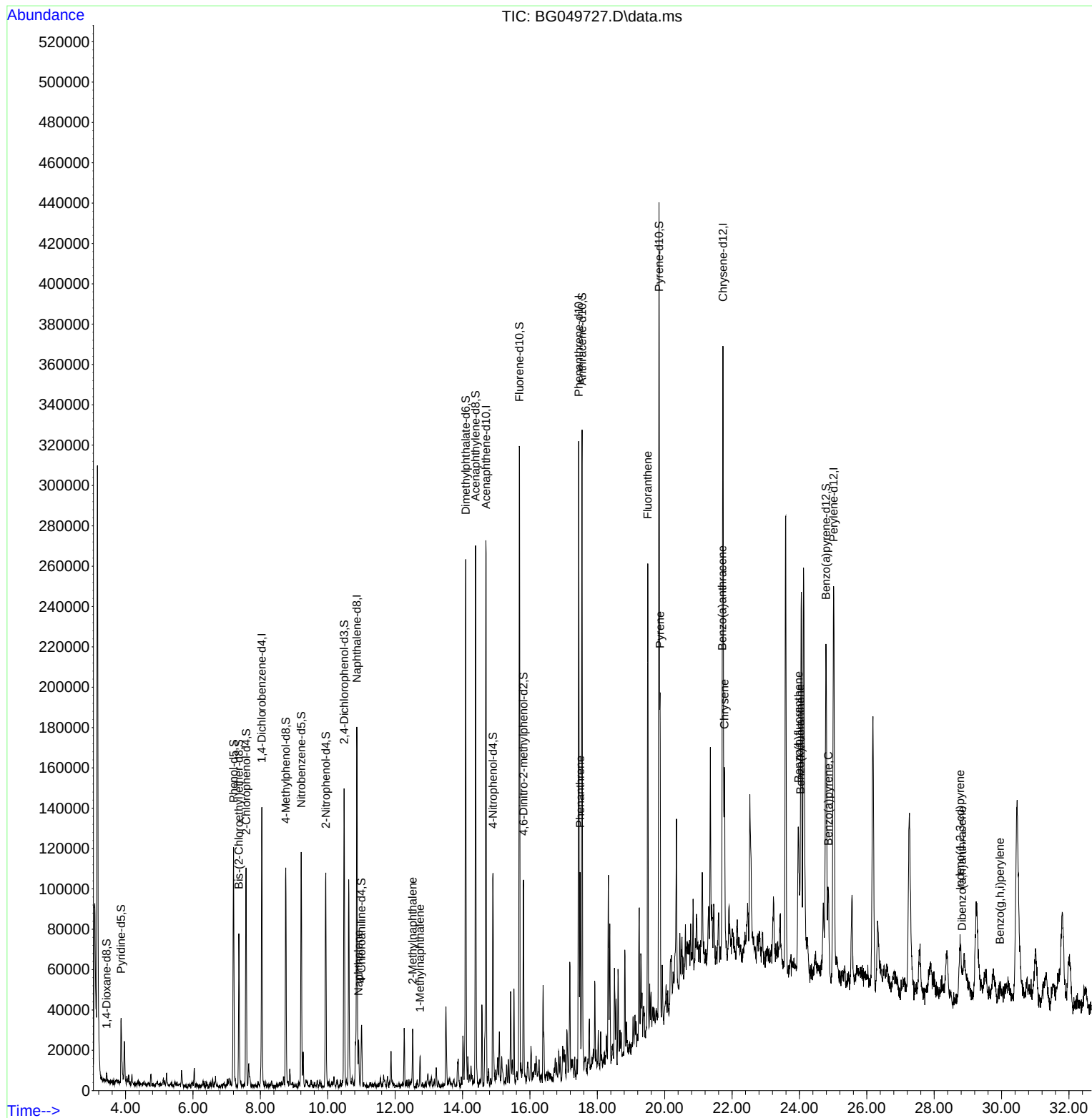
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Data File : BG049727.D
Acq On : 8 Aug 2021 7:14
Operator : CG/JU
Sample : M3208-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

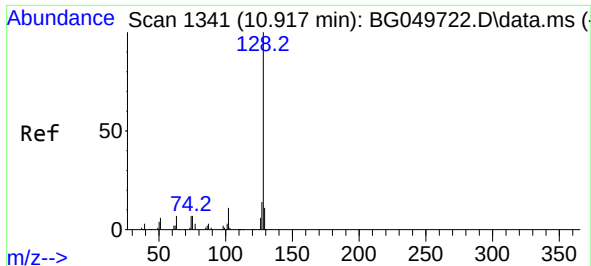
Instrument :
BNA_G
ClientSampled :
C00E9

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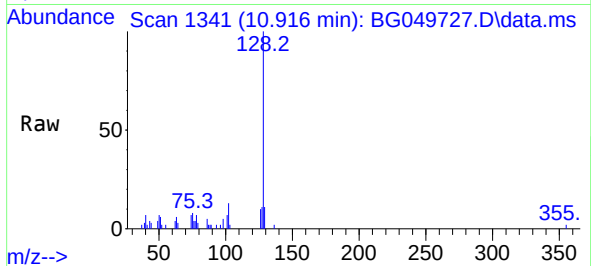
Quant Time: Aug 09 04:13:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.327 ng/ul
RT: 10.916 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

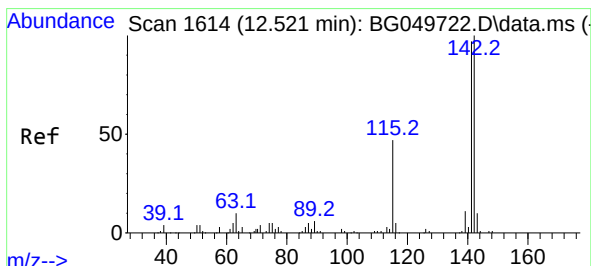
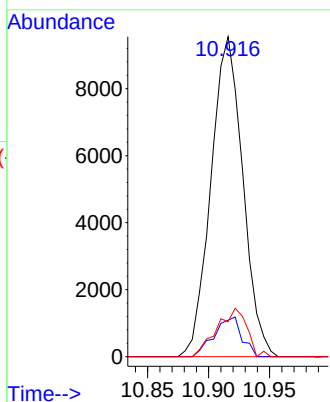
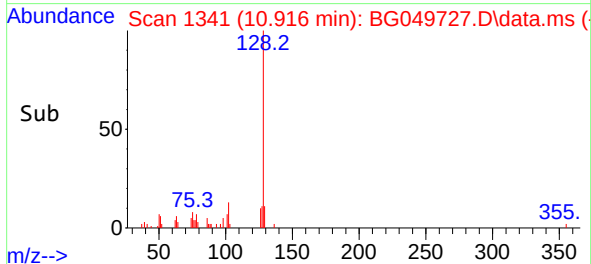
Instrument :
BNA_G
ClientSampled :
C00E9



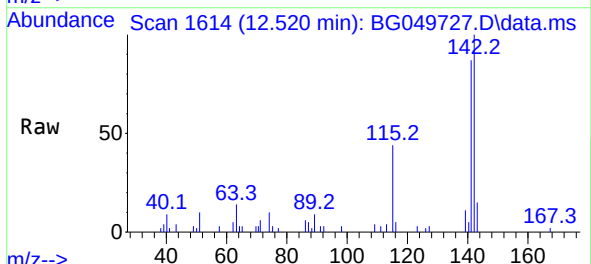
Tgt Ion:128 Resp: 17372
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 10.9 10.6 16.0

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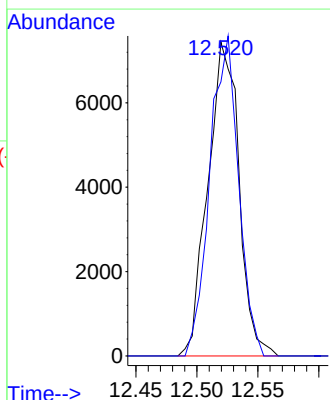
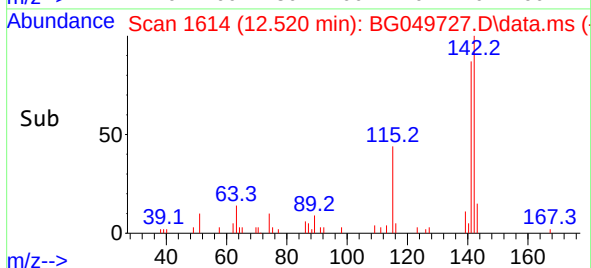
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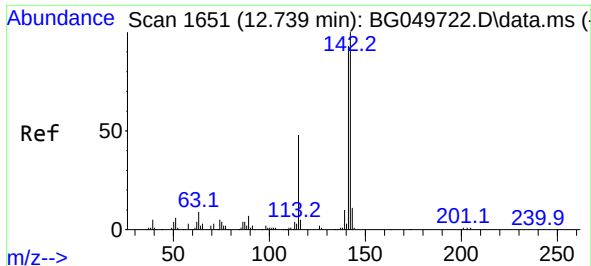


#36
2-Methylnaphthalene
Concen: 2.306 ng/ul
RT: 12.520 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



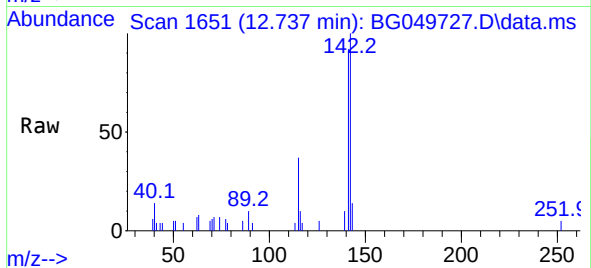
Tgt Ion:142 Resp: 13181
Ion Ratio Lower Upper
142 100
141 87.4 71.8 107.8





#37
1-Methylnaphthalene
Concen: 1.333 ng/ul
RT: 12.737 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

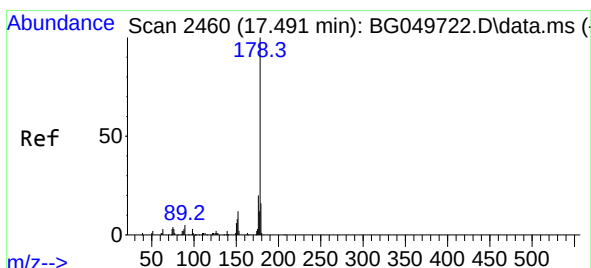
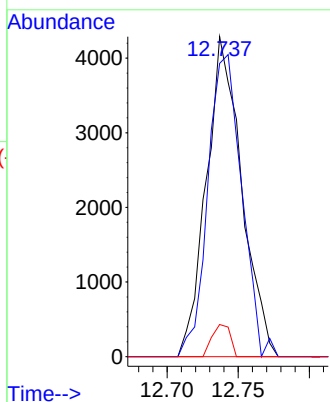
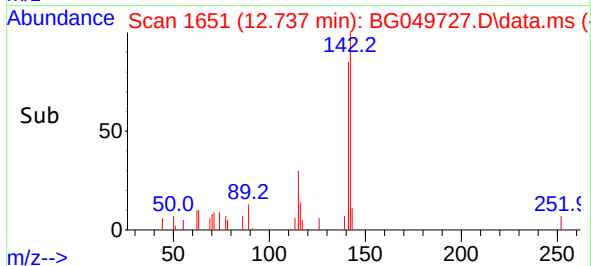
Instrument :
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ClientSampleId :
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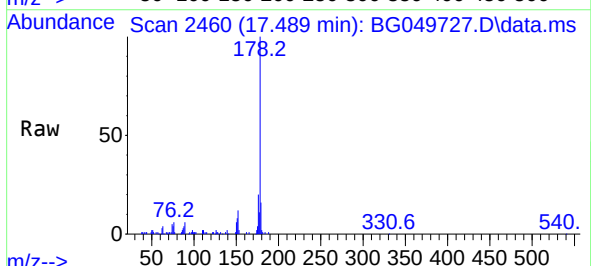
Tgt Ion:142 Resp: 7411
Ion Ratio Lower Upper
142 100
141 91.7 75.4 113.0
116 10.1 4.2 6.2#

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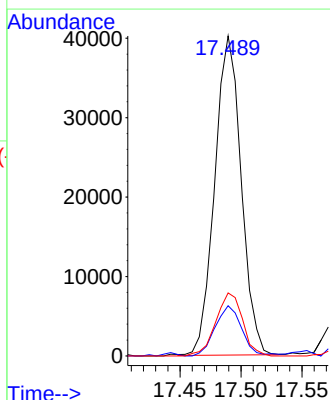
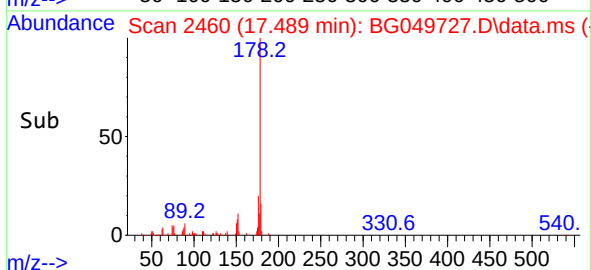
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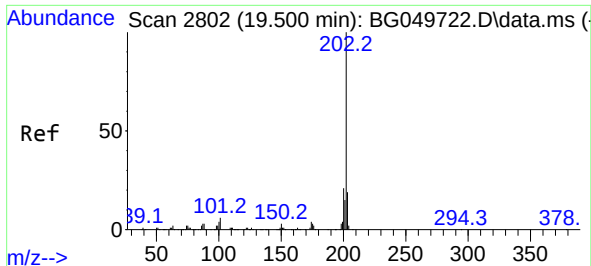


#72
Phenanthrene
Concen: 6.227 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



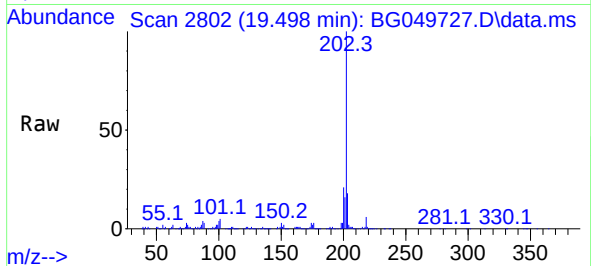
Tgt Ion:178 Resp: 60687
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.7 15.4 23.2





#80
Fluoranthene
Concen: 12.344 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

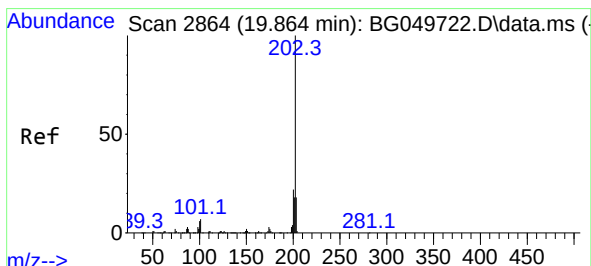
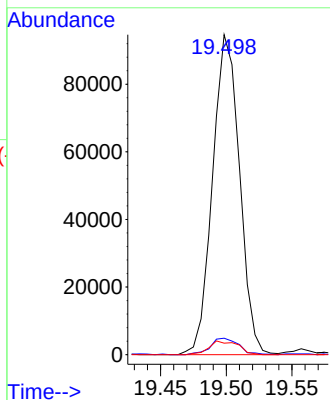
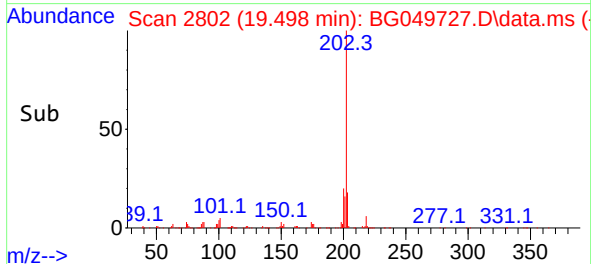
Instrument :
BNA_G
ClientSampled :
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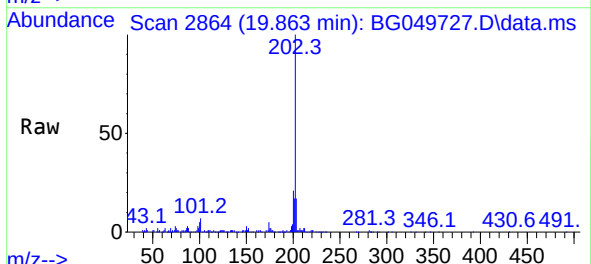
Tgt Ion:202 Resp: 135230
Ion Ratio Lower Upper
202 100
101 5.1 4.8 7.2
100 3.6 3.9 5.9#

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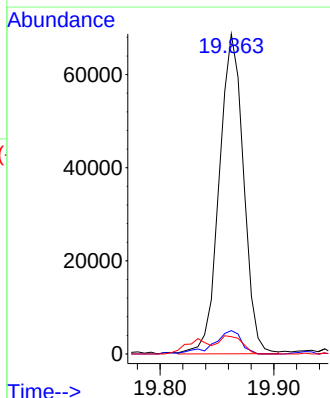
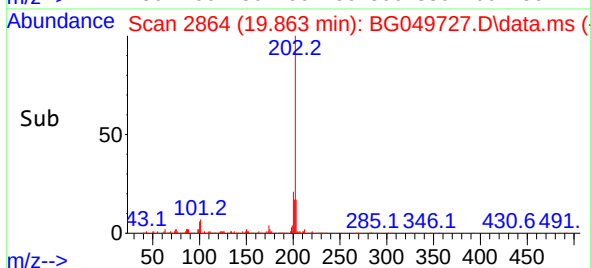
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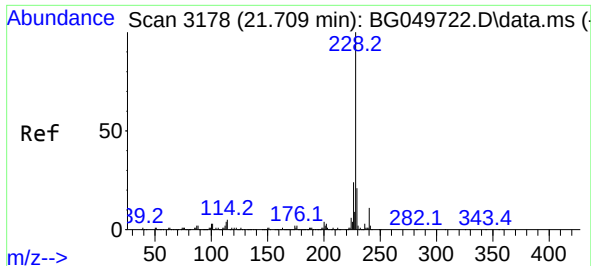


#82
Pyrene
Concen: 9.335 ng/ul
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

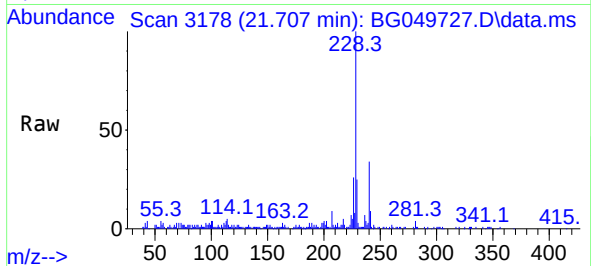


Tgt Ion:202 Resp: 101997
Ion Ratio Lower Upper
202 100
101 7.3 5.2 7.8
100 5.4 4.8 7.2

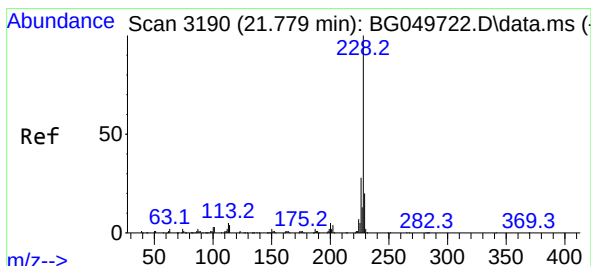
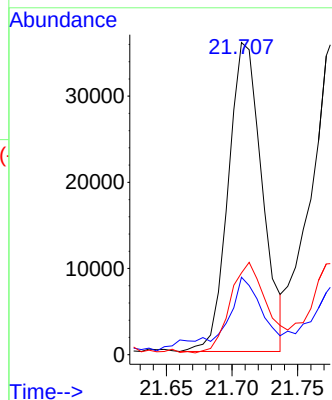
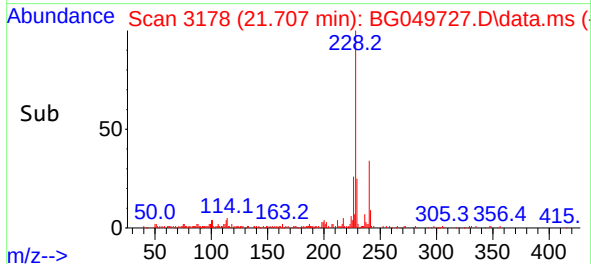




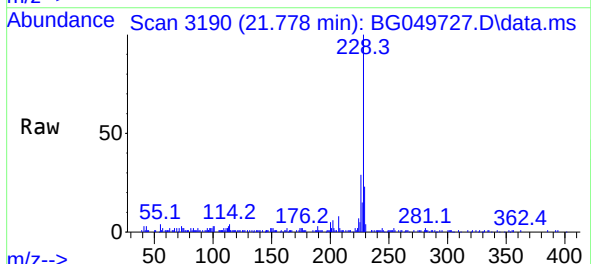
#85
Benzo(a)anthracene
Concen: 6.097 ng/ul m
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



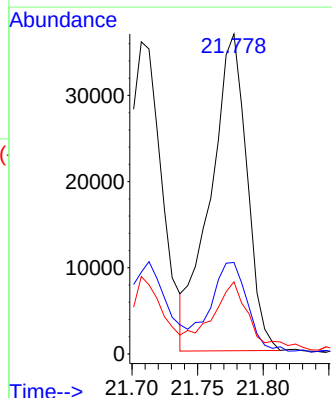
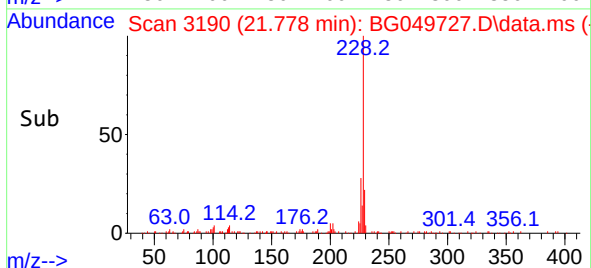
Tgt Ion:228 Resp: 64490
Ion Ratio Lower Upper
228 100
229 24.8 15.3 22.9#
226 26.2 21.0 31.6



#87
Chrysene
Concen: 7.181 ng/ul
RT: 21.778 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



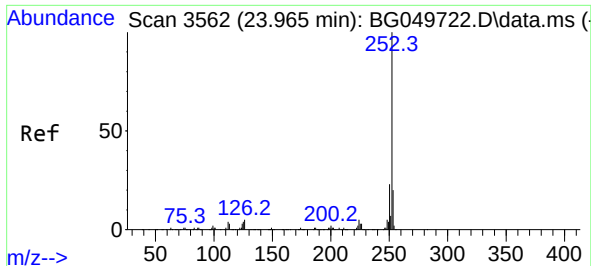
Tgt Ion:228 Resp: 70942
Ion Ratio Lower Upper
228 100
226 28.6 24.7 37.1
229 22.6 15.4 23.2



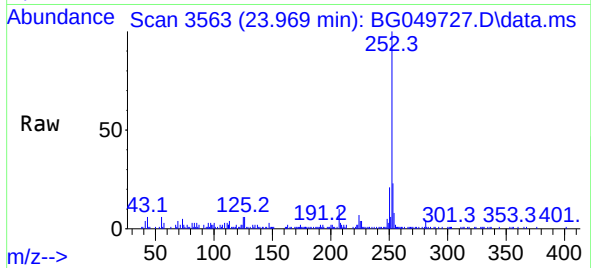
Instrument :
BNA_G
ClientSampleId :
C00E9

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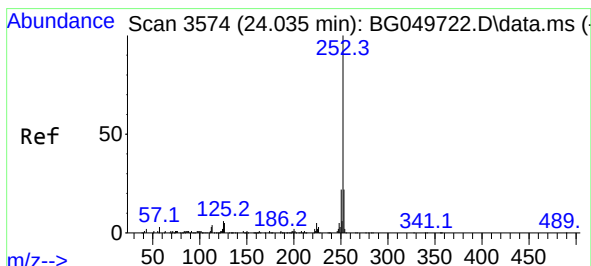
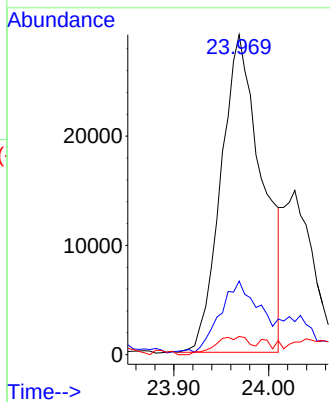
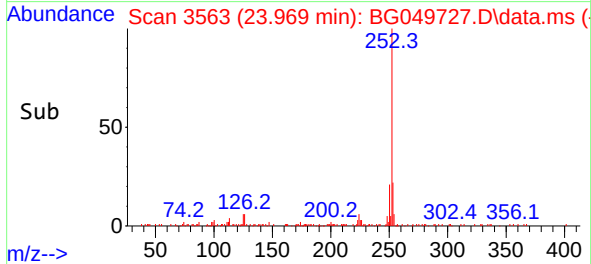
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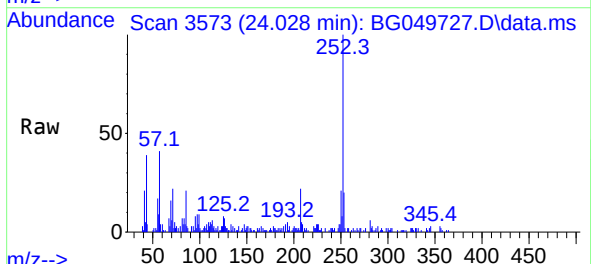
#90
Benzo(b)fluoranthene
Concen: 7.970 ng/ul
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



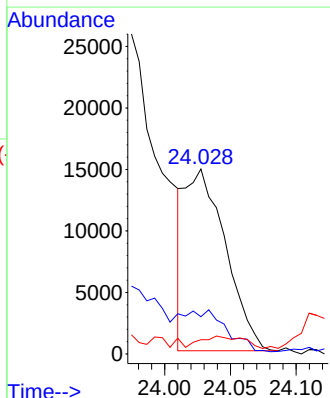
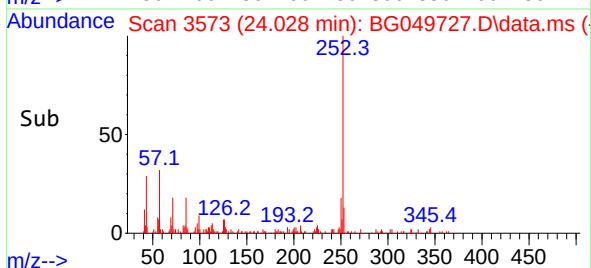
Tgt Ion:252 Resp: 87378
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 5.7 3.7 5.5#



#91
Benzo(k)fluoranthene
Concen: 2.916 ng/ul m
RT: 24.028 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



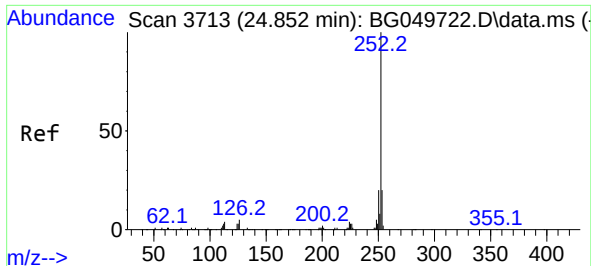
Tgt Ion:252 Resp: 31741
Ion Ratio Lower Upper
252 100
253 20.2 17.8 26.8
125 7.7 3.8 5.8#



Instrument :
BNA_G
ClientSampled :
C00E9

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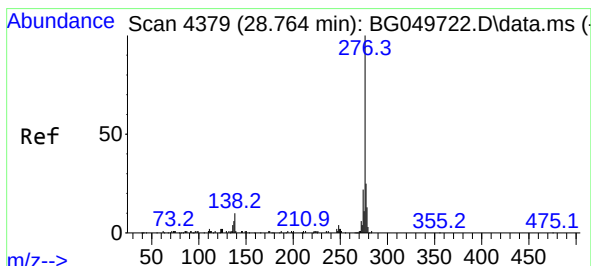
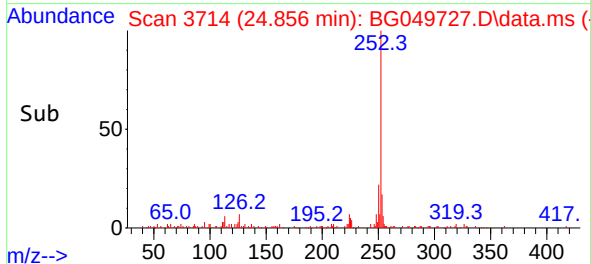
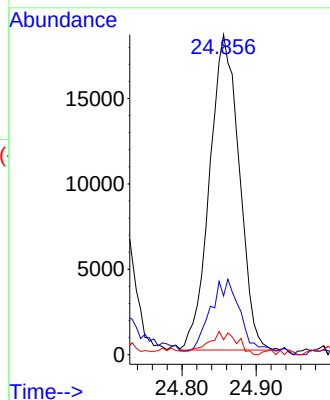
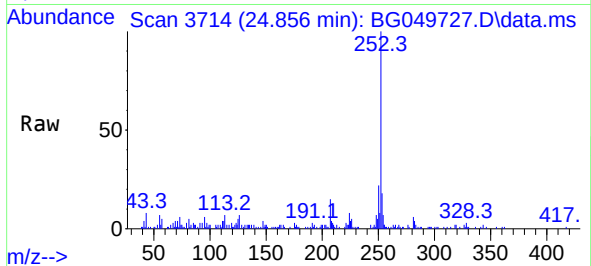
#93
Benzo(a)pyrene
Concen: 5.312 ng/ul
RT: 24.856 min Scan# 3714
Delta R.T. 0.006 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.3	17.7	26.5
125	4.6	4.6	7.0#

Instrument :
BNA_G
ClientSampled :
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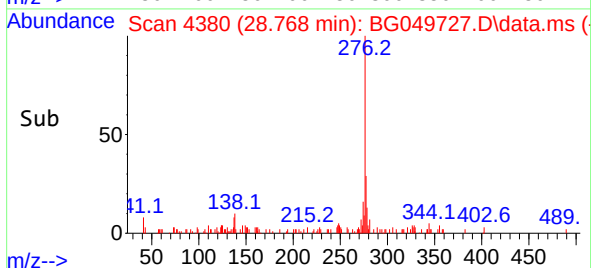
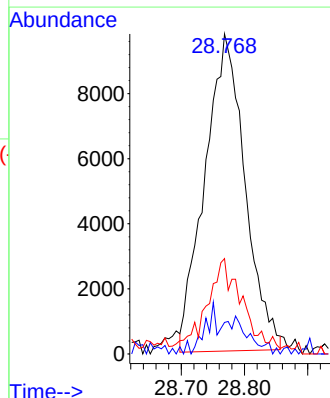
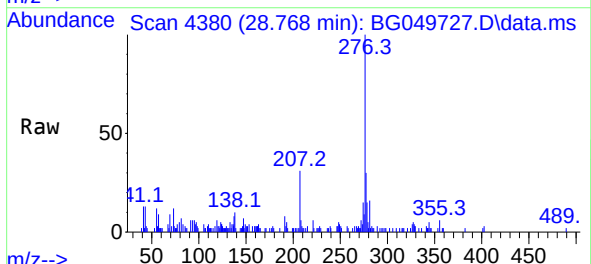
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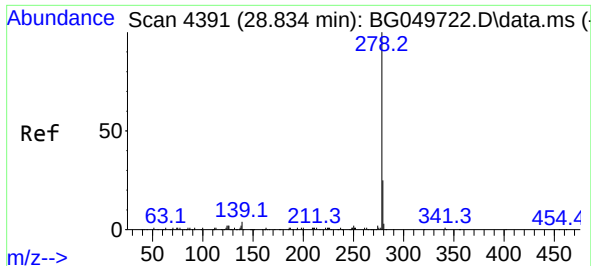
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.396 ng/ul
RT: 28.768 min Scan# 4380
Delta R.T. 0.024 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

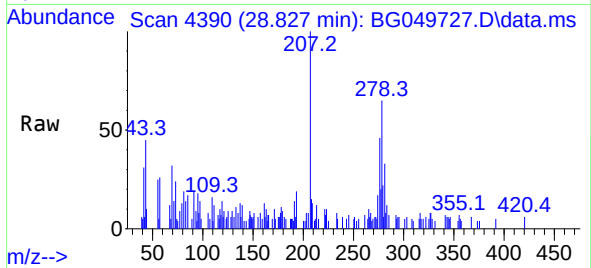
Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	6.6	10.0
277	29.8	19.4	29.2#





#95
Dibenzo(a,h)anthracene
Concen: 1.240 ng/ul m
RT: 28.827 min Scan# 4390
Delta R.T. 0.006 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14

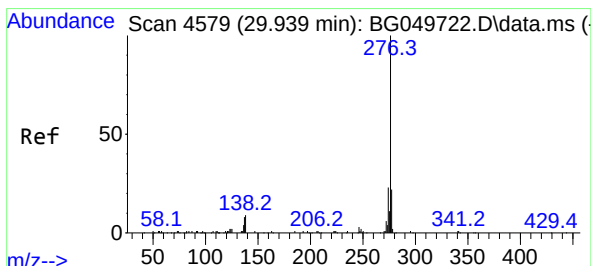
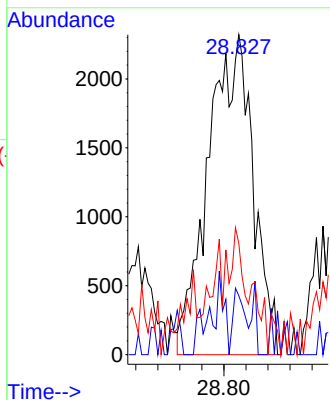
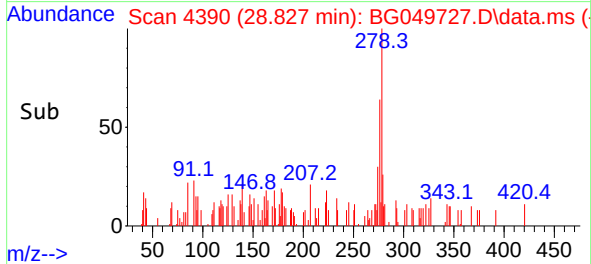
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BNA_G
ClientSampled :
C00E9



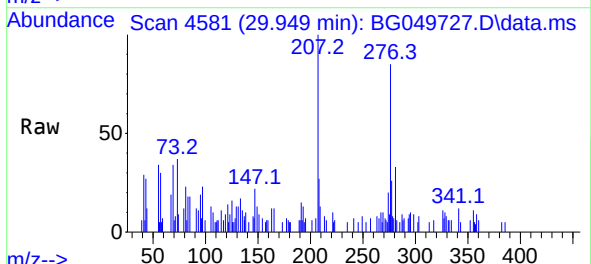
Tgt Ion:278 Resp: 13098
Ion Ratio Lower Upper
278 100
139 18.4 6.3 9.5#
279 34.7 18.9 28.3#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.223 ng/ul m
RT: 29.949 min Scan# 4581
Delta R.T. 0.030 min
Lab File: BG049727.D
Acq: 8 Aug 2021 7:14



Tgt Ion:276 Resp: 12878
Ion Ratio Lower Upper
276 100
138 11.8 7.2 10.8#
277 30.3 19.5 29.3#

