

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049377.D
 Acq On : 16 Jul 2021 14:02
 Operator : CG/JU
 Sample : M2970-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED1

Manual Integrations
 APPROVED

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 7/19/2021 11:53:17 AM

Quant Time: Jul 16 14:38:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 12:41:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	25100	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.885	136	103338	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.715	164	76016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.465	188	167567	20.000	ng/ul	0.00
79) Chrysene-d12	21.748	240	171825	20.000	ng/ul	0.00
88) Perylene-d12	25.044	264	181443	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	1835m	3.439	ng/uL	-0.02
4) Pyridine-d5	3.875	84	14493	9.237	ng/ul	-0.01
7) Phenol-d5	7.218	99	47530	21.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	28122	22.208	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.594	132	37929	23.505	ng/ul	-0.01
15) 4-Methylphenol-d8	8.769	113	40813	23.331	ng/ul	-0.01
21) Nitrobenzene-d5	9.234	128	20718	26.127	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	22848	25.100	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.503	165	43337	24.398	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.014	131	50881	21.982	ng/ul	-0.01
46) Dimethylphthalate-d6	14.110	166	152902	26.155	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	173678	25.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	18563	19.184	ng/ul	0.00
60) Fluorene-d10	15.703	176	127519	25.763	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.820	200	15358	14.420	ng/ul	0.00
73) Anthracene-d10	17.565	188	210396	27.578	ng/ul	0.00
81) Pyrene-d10	19.851	212	210456	23.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.809	264	184557	19.567	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.938	128	16673	3.236	ng/ul	98
36) 2-Methylnaphthalene	12.542	142	8564	2.188	ng/ul	82
37) 1-Methylnaphthalene	12.759	142	9818	2.522	ng/ul	84
50) Acenaphthylene	14.439	152	16961	2.780	ng/ul#	91
52) Acenaphthene	14.780	153	35542	8.022	ng/ul	95
56) Dibenzofuran	15.109	168	22203	3.536	ng/ul	98
61) Fluorene	15.761	166	32935	6.198	ng/ul	93
72) Phenanthrene	17.506	178	269680	32.996	ng/ul	97
74) Anthracene	17.594	178	85226	10.208	ng/ul	98
80) Fluoranthene	19.516	202	601826	58.759	ng/ul	99
82) Pyrene	19.880	202	375822	36.826	ng/ul	99
85) Benzo(a)anthracene	21.731	228	333737	31.606	ng/ul	94
87) Chrysene	21.795	228	233289	23.357	ng/ul	97
90) Benzo(b)fluoranthene	23.999	252	316529	28.278	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	117020m	10.722	ng/ul	
93) Benzo(a)pyrene	24.886	252	133244	13.526	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.805	276	95808	7.538	ng/ul	97
95) Dibenzo(a,h)anthracene	28.846	278	43429m	4.125	ng/ul	

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

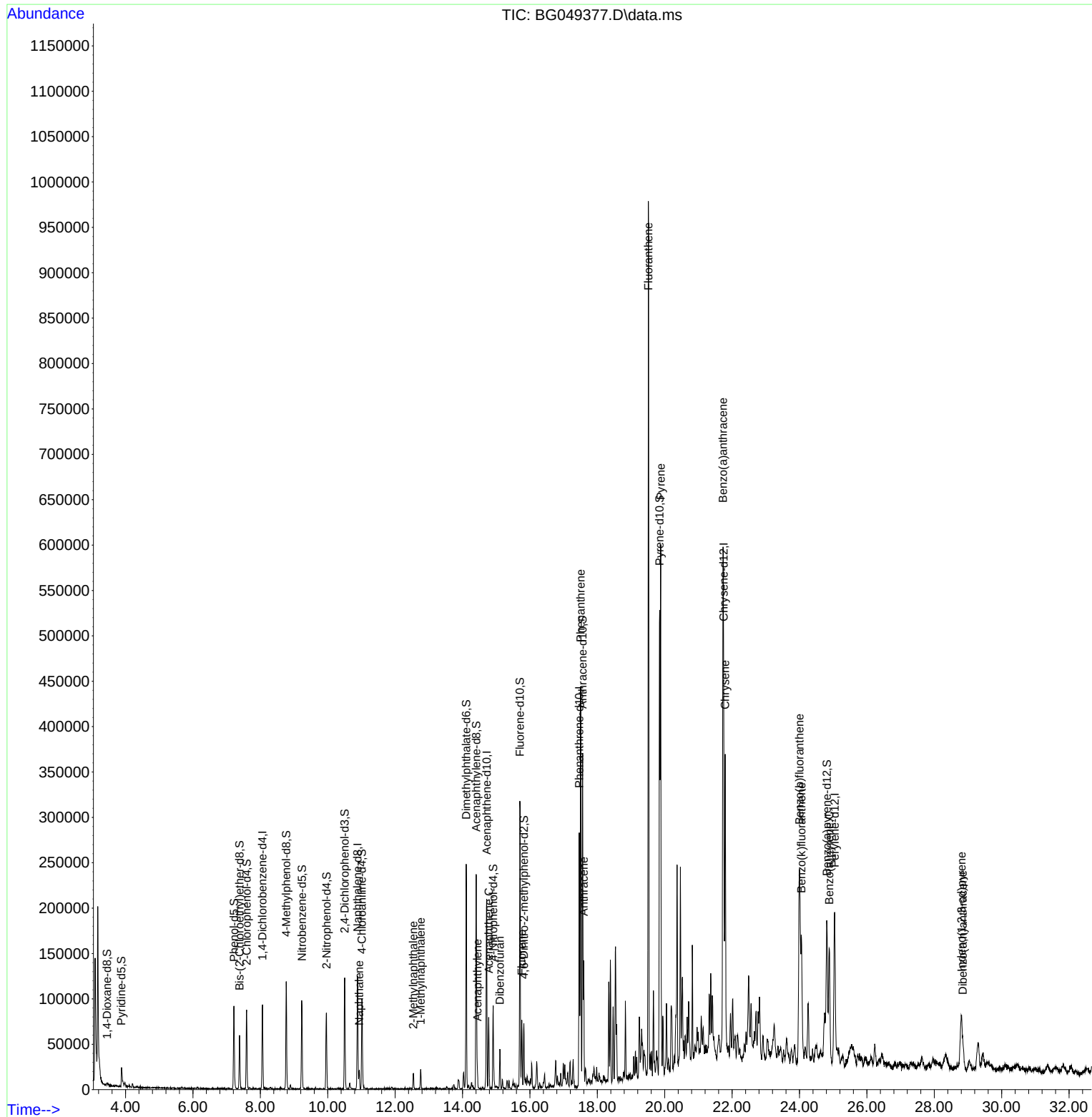
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

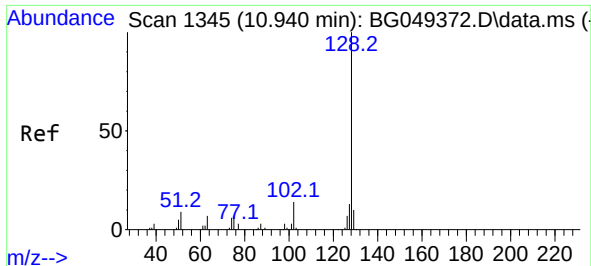
Instrument :
BNA_G
ClientSampleId :
BGED1

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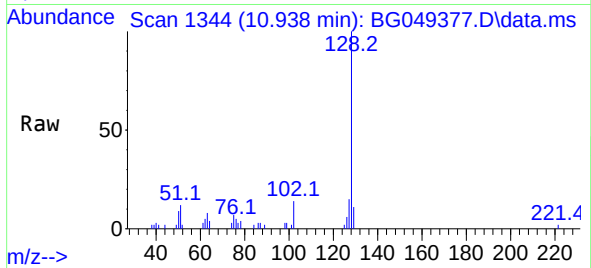
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

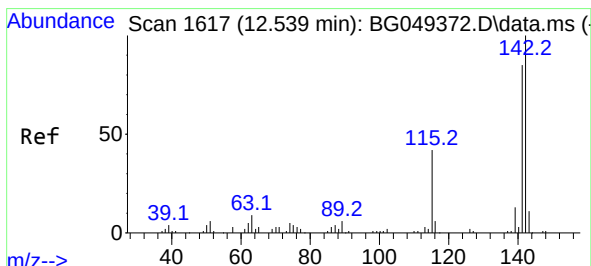
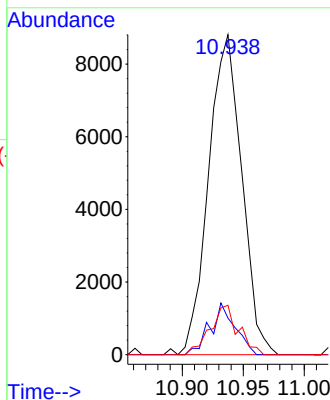
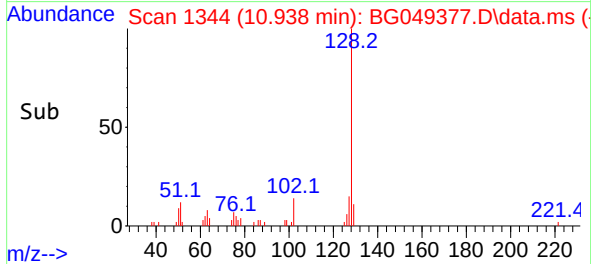




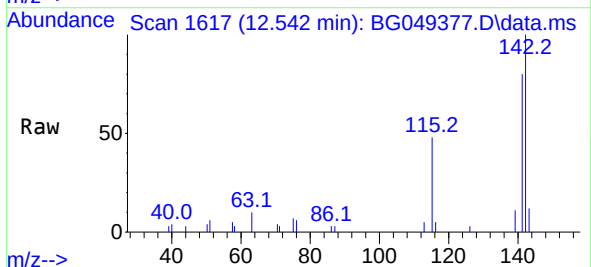
#30
Naphthalene
Concen: 3.236 ng/ul
RT: 10.938 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



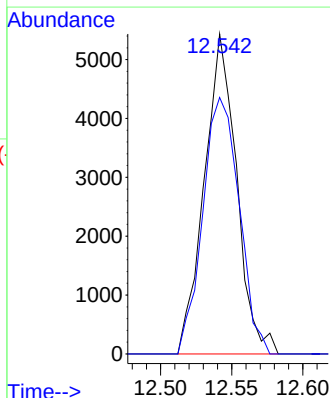
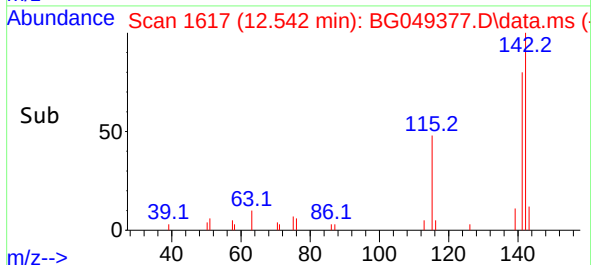
Tgt Ion:128 Resp: 16673
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 15.5 11.8 17.6



#36
2-Methylnaphthalene
Concen: 2.188 ng/ul
RT: 12.542 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



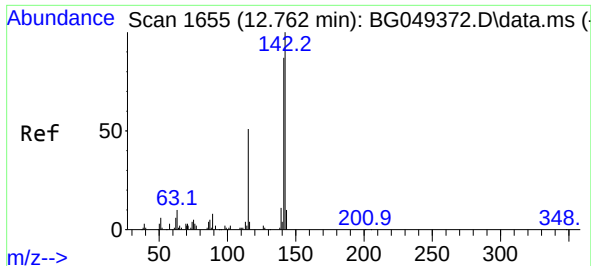
Tgt Ion:142 Resp: 8564
Ion Ratio Lower Upper
142 100
141 80.2 78.0 117.0



Instrument :
BNA_G
ClientSampleId :
BGED1

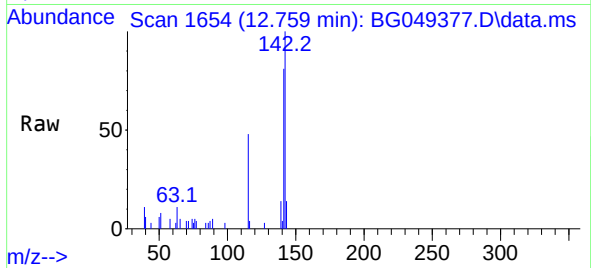
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#37
1-Methylnaphthalene
Concen: 2.522 ng/ul
RT: 12.759 min Scan# 1654
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

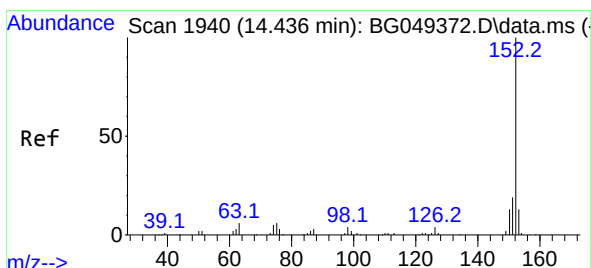
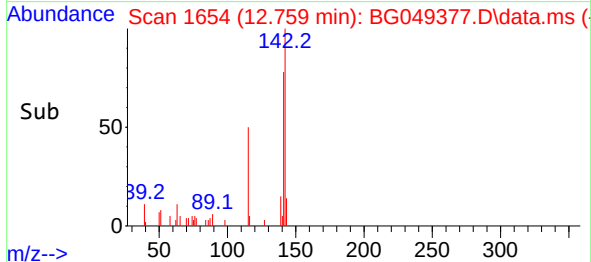
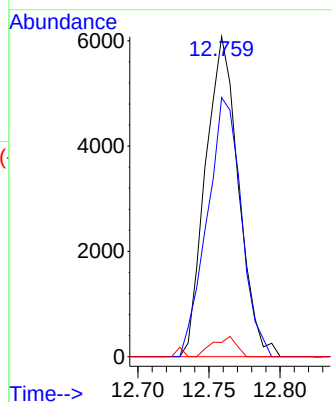
Instrument :
BNA_G
ClientSampleId :
BGED1



Tgt Ion:142 Resp: 9818
Ion Ratio Lower Upper
142 100
141 80.9 78.0 117.0
116 4.4 3.2 4.8

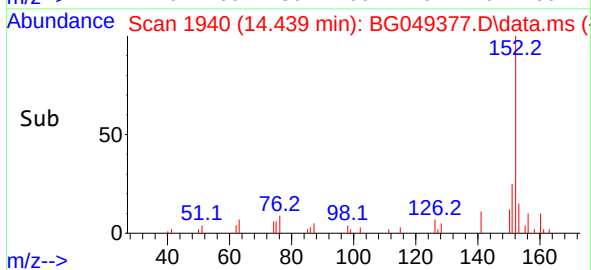
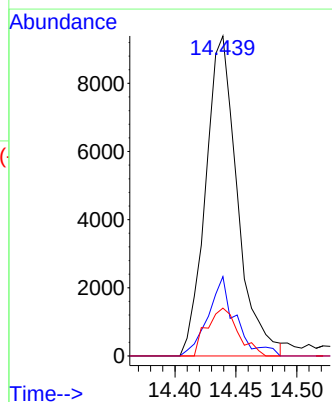
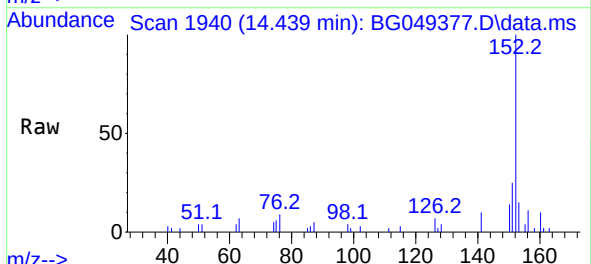
Manual Integrations
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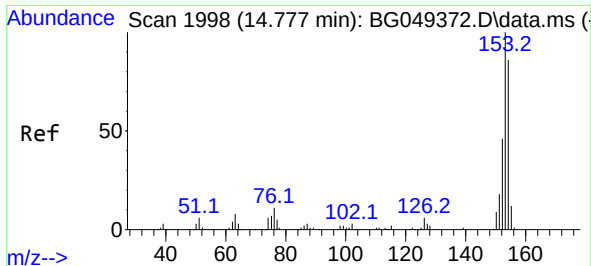
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#50
Acenaphthylene
Concen: 2.780 ng/ul
RT: 14.439 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

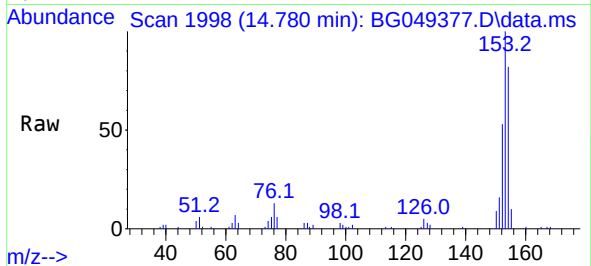
Tgt Ion:152 Resp: 16961
Ion Ratio Lower Upper
152 100
151 24.8 16.2 24.2#
153 14.9 9.8 14.6#





#52
Acenaphthene
Concen: 8.022 ng/u1
RT: 14.780 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

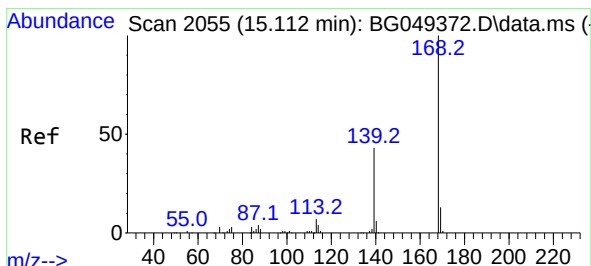
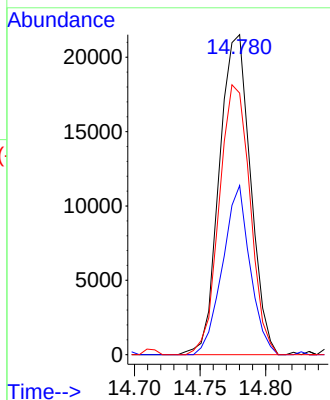
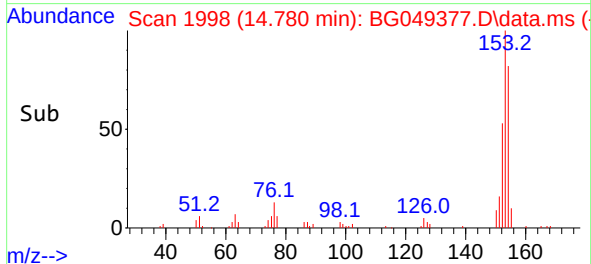
Instrument :
BNA_G
ClientSampleId :
BGED1



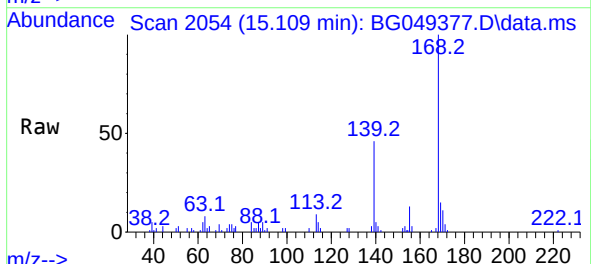
Tgt Ion:153 Resp: 35542
Ion Ratio Lower Upper
153 100
152 52.8 37.8 56.6
154 81.7 68.2 102.2

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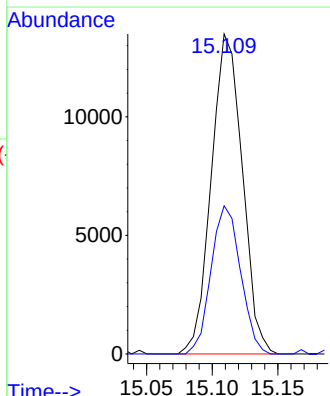
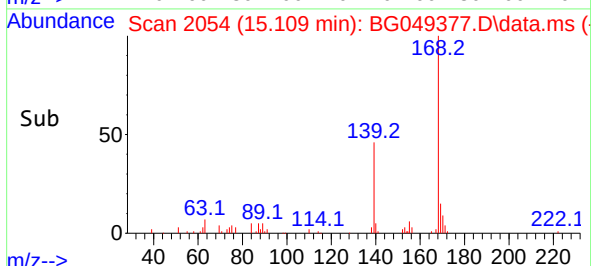
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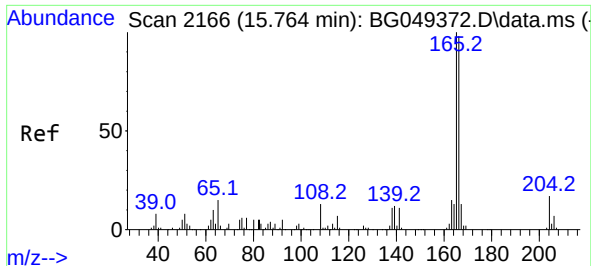


#56
Dibenzofuran
Concen: 3.536 ng/u1
RT: 15.109 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



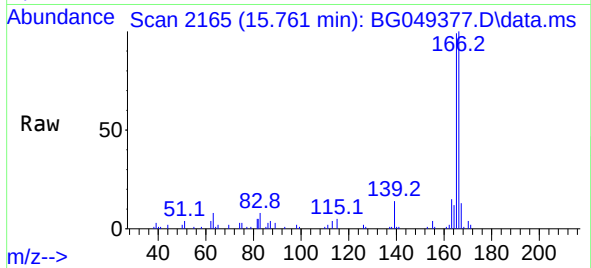
Tgt Ion:168 Resp: 22203
Ion Ratio Lower Upper
168 100
139 46.3 36.2 54.4





#61
Fluorene
Concen: 6.198 ng/u1
RT: 15.761 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

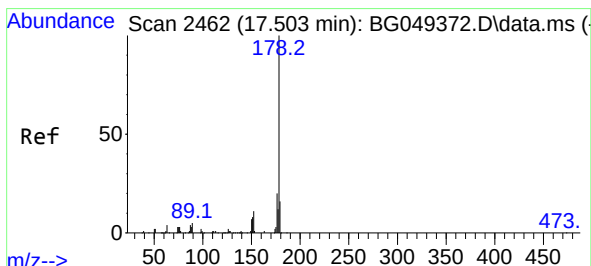
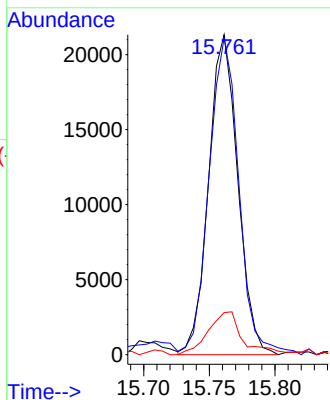
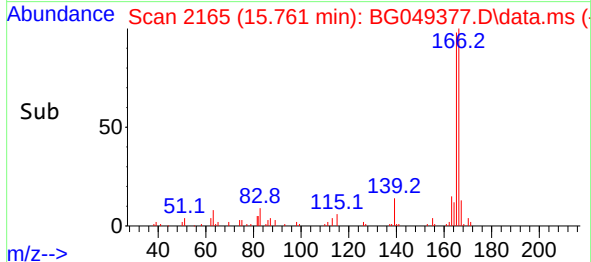
Instrument :
BNA_G
ClientSampled :
BGED1



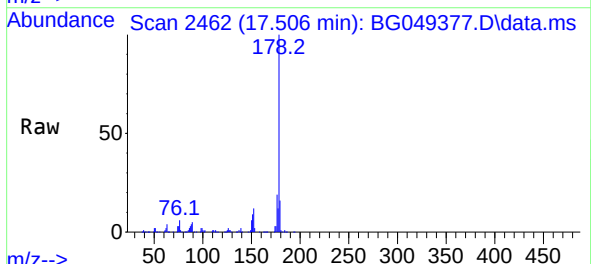
Tgt Ion:166 Resp: 32935
Ion Ratio Lower Upper
166 100
165 99.0 73.5 110.3
167 13.1 9.6 14.4

Manual Integrations
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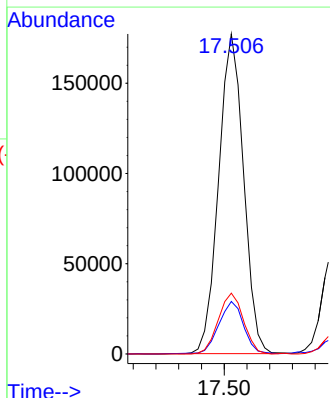
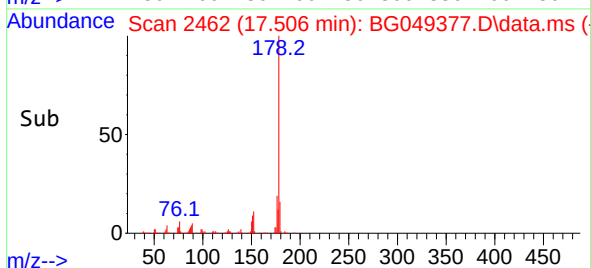
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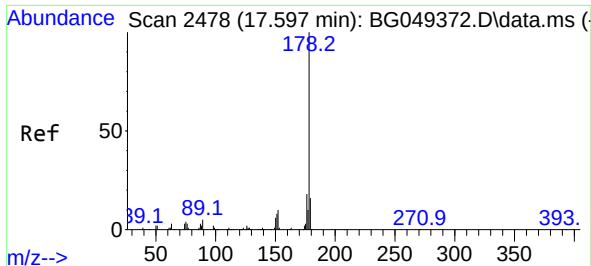


#72
Phenanthrene
Concen: 32.996 ng/u1
RT: 17.506 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



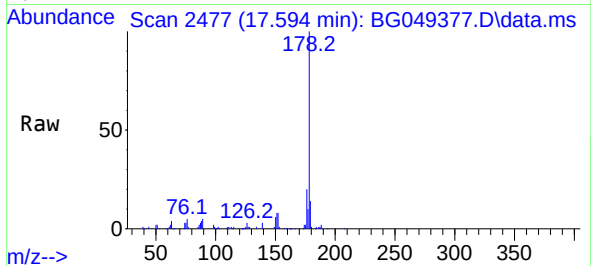
Tgt Ion:178 Resp: 269680
Ion Ratio Lower Upper
178 100
179 16.4 11.7 17.5
176 19.0 15.6 23.4





#74
 Anthracene
 Concen: 10.208 ng/ul
 RT: 17.594 min Scan# 2477
 Delta R.T. -0.012 min
 Lab File: BG049377.D
 Acq: 16 Jul 2021 14:02

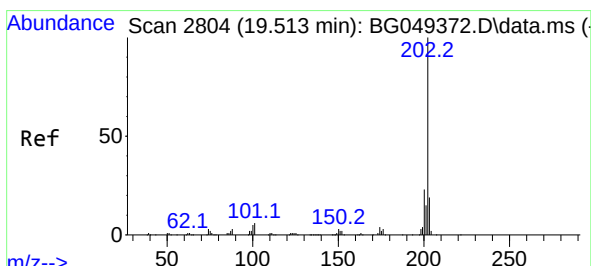
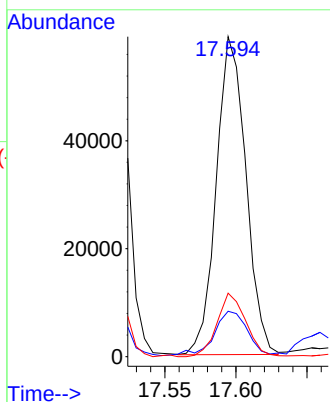
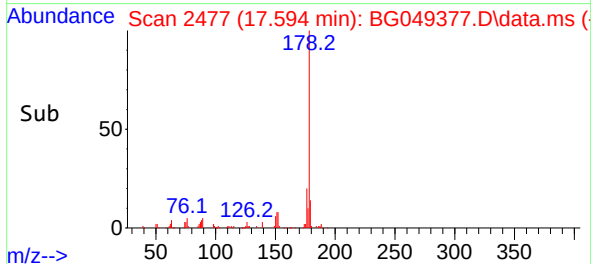
Instrument :
 BNA_G
 ClientSampleId :
 BGED1



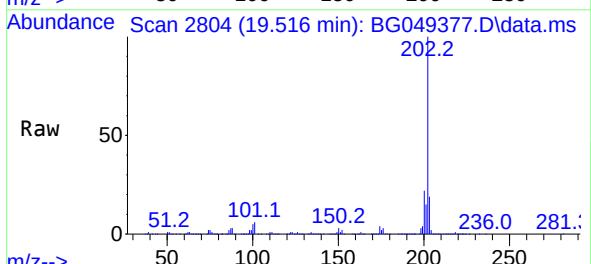
Tgt Ion:178 Resp: 85226
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.7 19.1
 176 19.9 15.6 23.4

Manual Integrations
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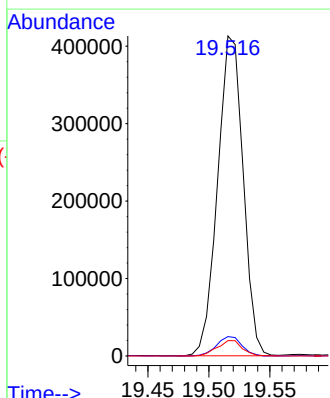
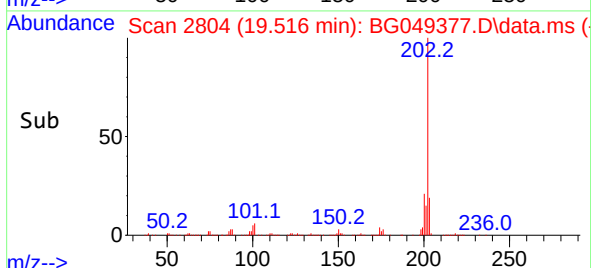
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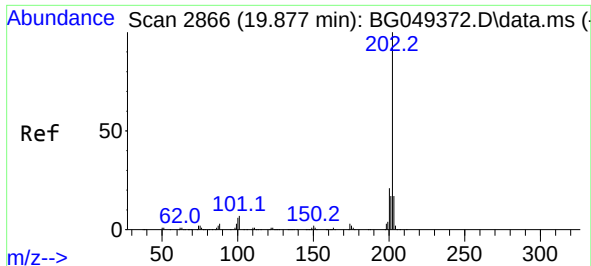


#80
 Fluoranthene
 Concen: 58.759 ng/ul
 RT: 19.516 min Scan# 2804
 Delta R.T. -0.006 min
 Lab File: BG049377.D
 Acq: 16 Jul 2021 14:02



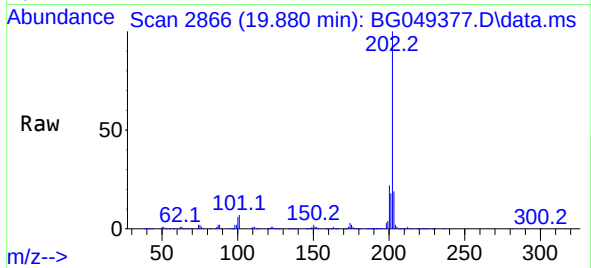
Tgt Ion:202 Resp: 601826
 Ion Ratio Lower Upper
 202 100
 101 6.0 4.6 6.8
 100 4.8 4.0 6.0





#82
Pyrene
Concen: 36.826 ng/ul
RT: 19.880 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

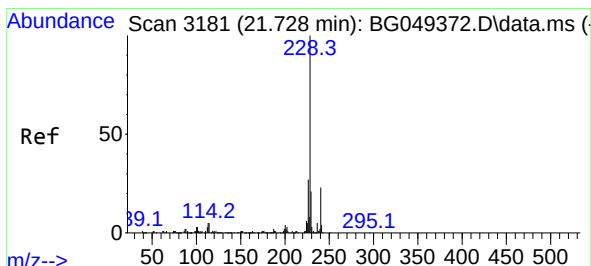
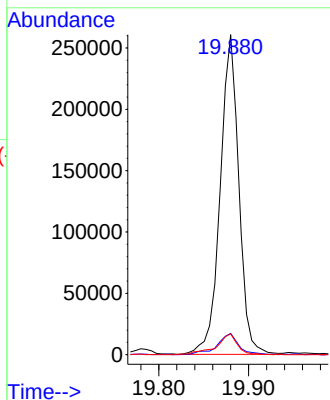
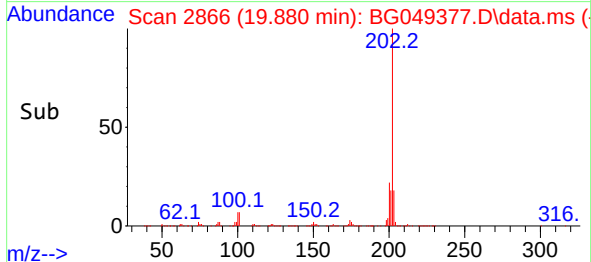
Instrument :
BNA_G
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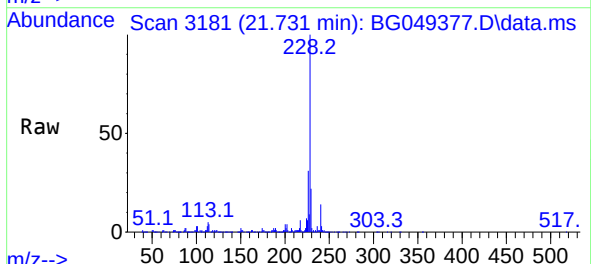
Tgt Ion:	202	Resp:	375822
Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.8	8.8
100	6.5	5.0	7.6

Manual Integrations
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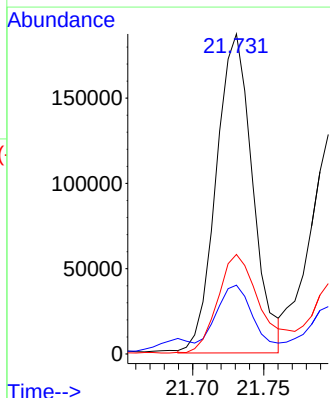
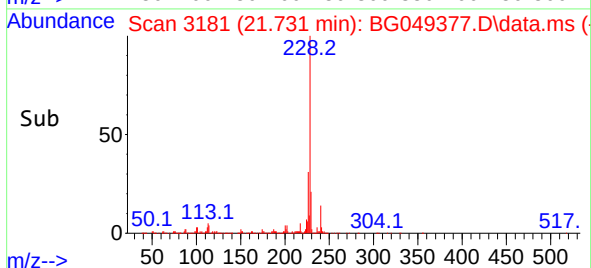
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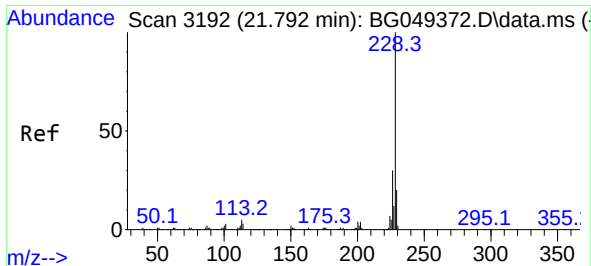


#85
Benzo(a)anthracene
Concen: 31.606 ng/ul
RT: 21.731 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



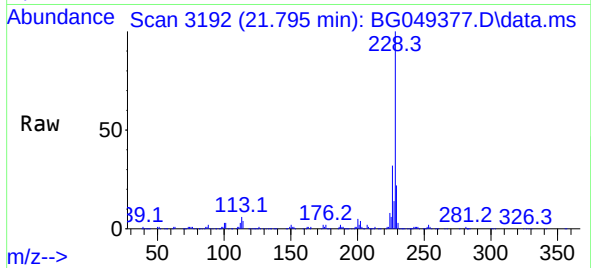
Tgt Ion:	228	Resp:	333737
Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.4	24.6
226	31.1	21.3	31.9





#87
Chrysene
Concen: 23.357 ng/u1
RT: 21.795 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

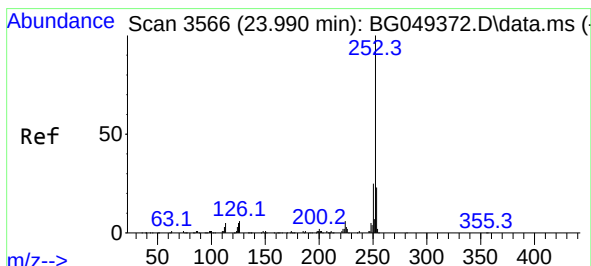
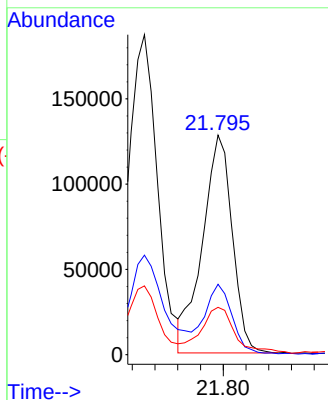
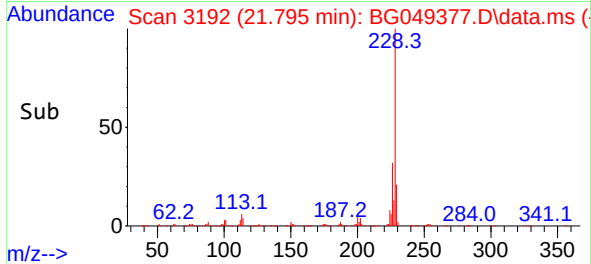
Instrument :
BNA_G
ClientSampleId :
BGED1



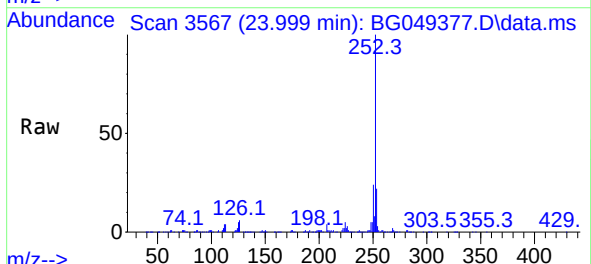
Tgt Ion:228 Resp: 233289
Ion Ratio Lower Upper
228 100
226 32.1 24.0 36.0
229 21.6 16.4 24.6

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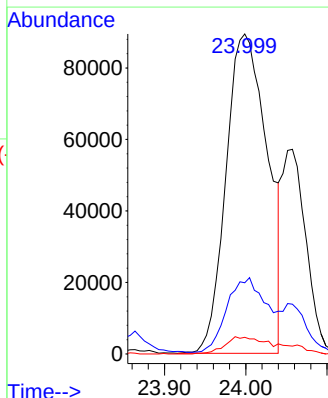
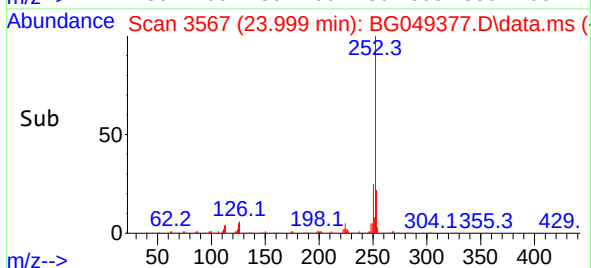
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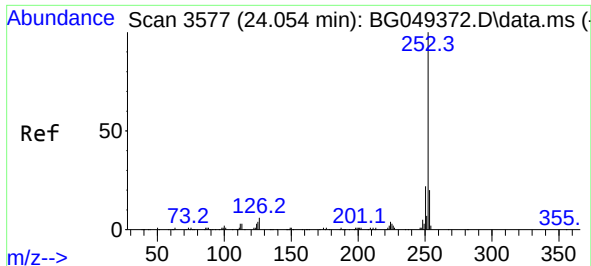


#90
Benzo(b)fluoranthene
Concen: 28.278 ng/u1
RT: 23.999 min Scan# 3567
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02



Tgt Ion:252 Resp: 316529
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 5.2 4.8 7.2





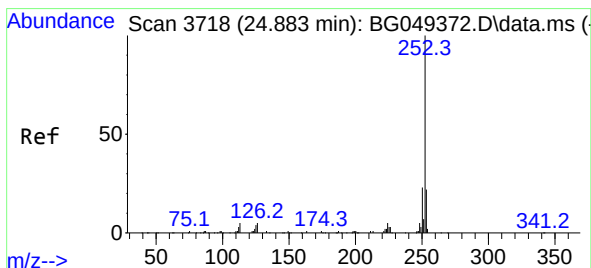
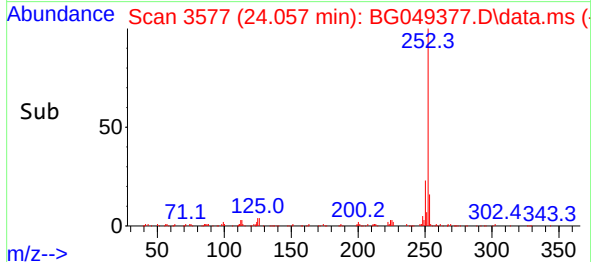
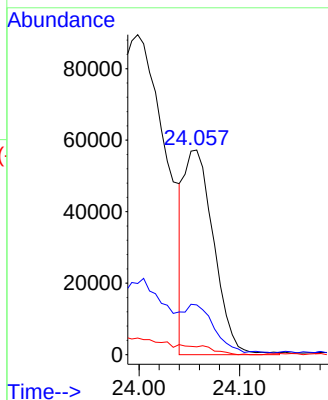
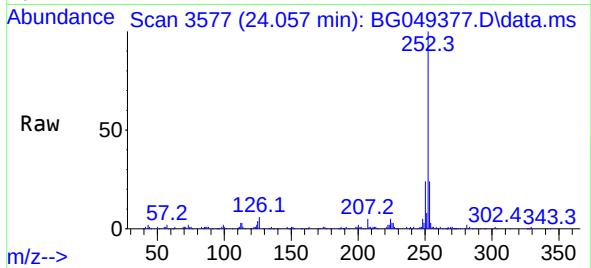
#91
Benzo(k)fluoranthene
Concen: 10.722 ng/ul m
RT: 24.057 min Scan# 3577
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

Instrument :
BNA_G
ClientSampleId :
BGED1

Tgt Ion:252 Resp: 117020
Ion Ratio Lower Upper
252 100
253 24.3 16.2 24.2#
125 3.8 3.7 5.5

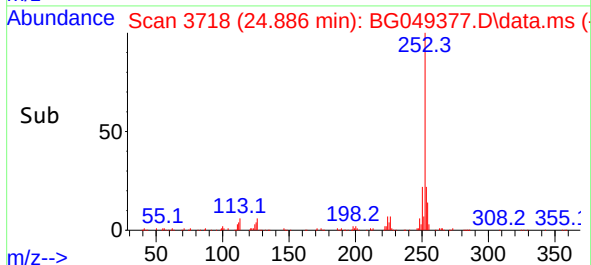
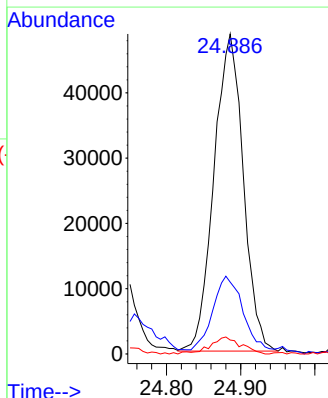
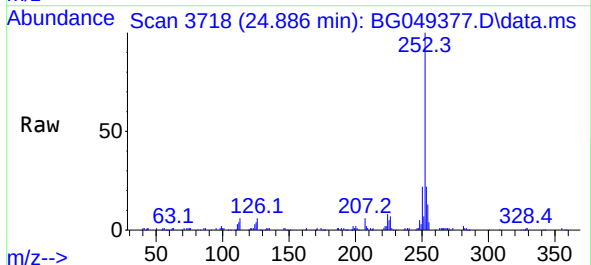
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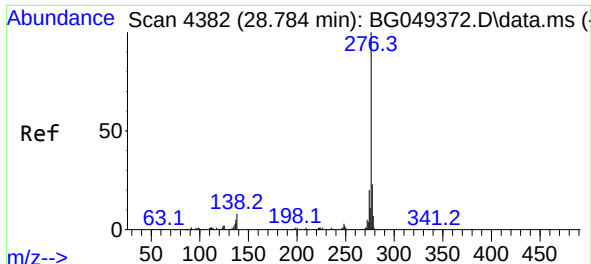
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#93
Benzo(a)pyrene
Concen: 13.526 ng/ul
RT: 24.886 min Scan# 3718
Delta R.T. -0.006 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

Tgt Ion:252 Resp: 133244
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 4.4 4.6 7.0#





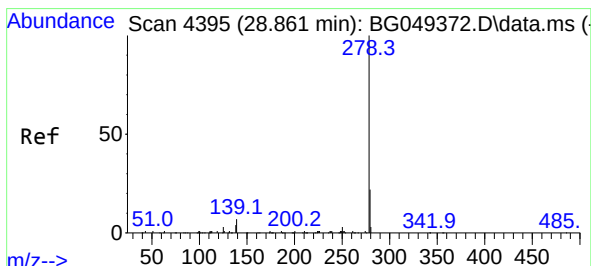
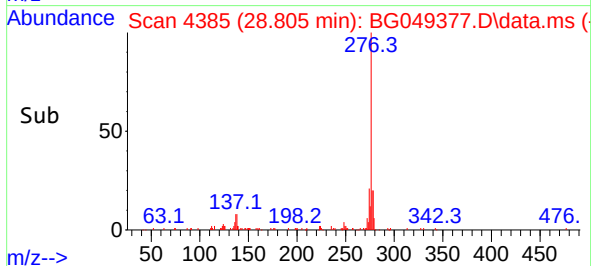
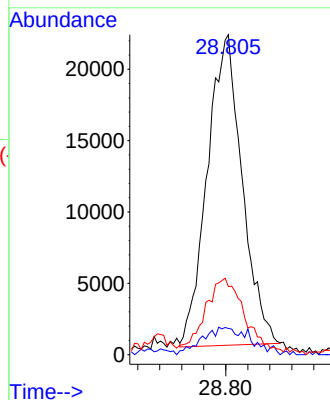
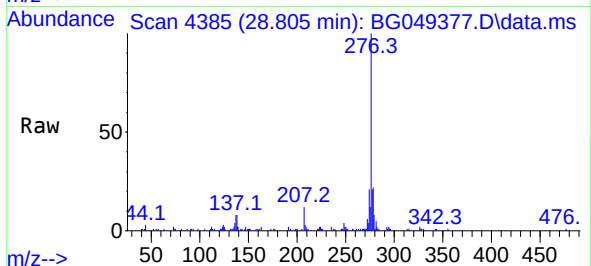
#94
Indeno(1,2,3-cd)pyrene
Concen: 7.538 ng/ul
RT: 28.805 min Scan# 4385
Delta R.T. -0.012 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

Tgt Ion:	276	Resp:	95808
Ion Ratio	Lower	Upper	
276	100		
138	8.2	8.0	12.0
277	21.3	17.7	26.5

Instrument :
BNA_G
ClientSampleId :
BGED1

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#95
Dibenzo(a,h)anthracene
Concen: 4.125 ng/ul m
RT: 28.846 min Scan# 4392
Delta R.T. -0.041 min
Lab File: BG049377.D
Acq: 16 Jul 2021 14:02

Tgt Ion:	278	Resp:	43429
Ion Ratio	Lower	Upper	
278	100		
139	9.6	5.4	8.2#
279	32.2	21.1	31.7#

