

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049160.D
 Acq On : 1 Jul 2021 19:24
 Operator : CG/JU
 Sample : M2899-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-352

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 02 01:52:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	40266	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	168555	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	115349	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	235088	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	227594	20.000	ng	0.00
86) Perylene-d12	25.078	264	234370	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	201316	78.308	ng	0.00
7) Phenol-d6	7.240	99	276258	75.372	ng	0.00
23) Nitrobenzene-d5	9.255	82	211027	53.081	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	146768	73.398	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	476871	55.776	ng	0.00
79) Terphenyl-d14	20.090	244	687834	51.212	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.522	178	103109	7.617	ng	95
75) Fluoranthene	19.532	202	197653	11.663	ng	97
78) Pyrene	19.896	202	199711	11.814	ng	96
81) Benzo(a)anthracene	21.747	228	102213	6.021	ng	98
83) Chrysene	21.817	228	116628	7.232	ng	97
84) Bis(2-ethylhexyl)phtha...	21.647	149	139571	15.429	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.868	276	80109	4.284	ng	98
88) Benzo(b)fluoranthene	24.032	252	162003	9.579	ng	# 98
89) Benzo(k)fluoranthene	24.091	252	51571m	3.196	ng	
90) Benzo(a)pyrene	24.925	252	106422	6.821	ng	99
92) Benzo(g,h,i)perylene	30.049	276	80444	5.170	ng	# 95

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

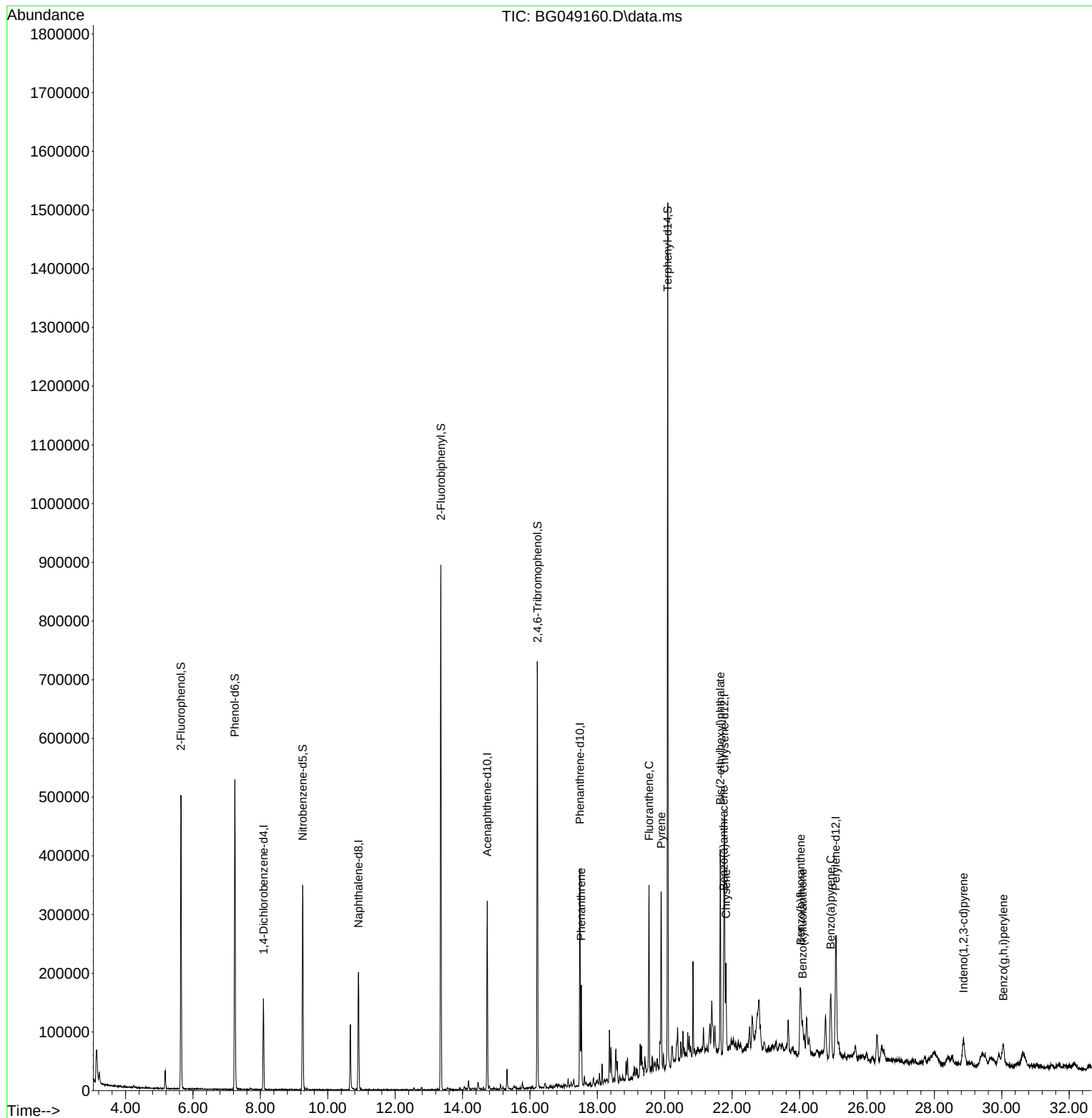
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

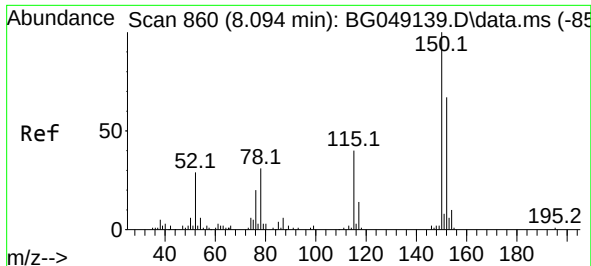
Instrument :
BNA_G
ClientSampleId :
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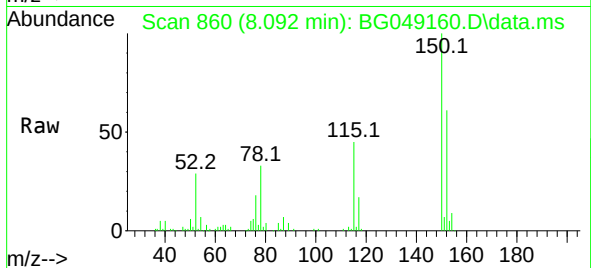
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 860
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

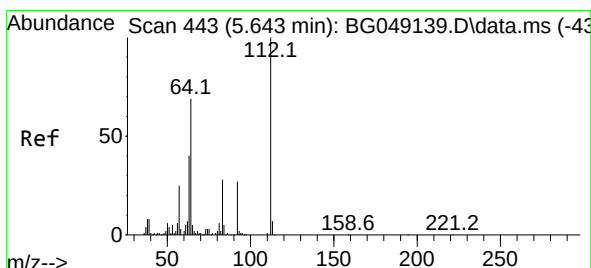
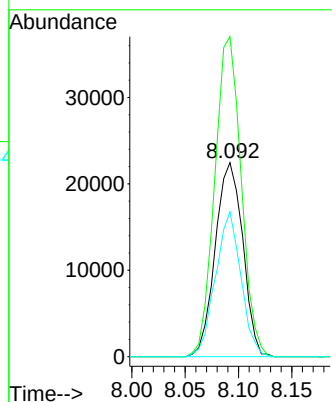
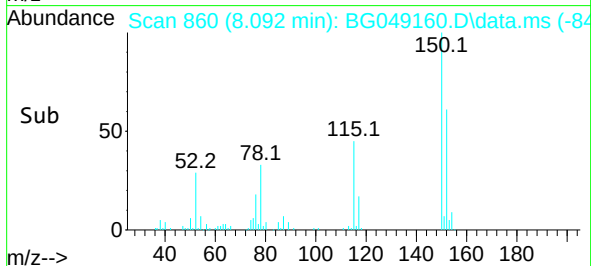
Instrument :
BNA_G
ClientSampleId :
ETGI-352



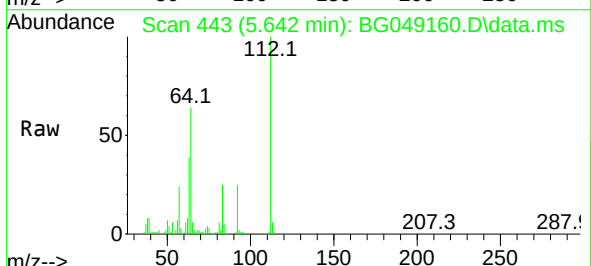
Tgt Ion:152 Resp: 40266
Ion Ratio Lower Upper
152 100
150 164.9 119.4 179.0
115 74.6 60.2 90.4

Manual Integrations
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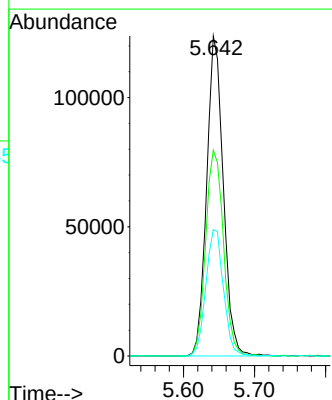
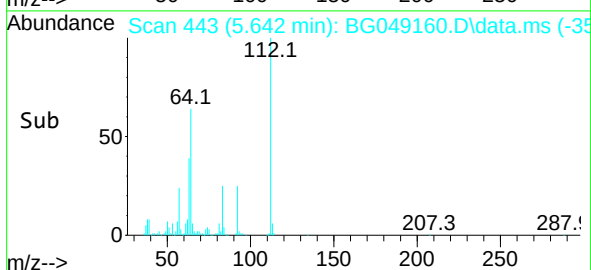
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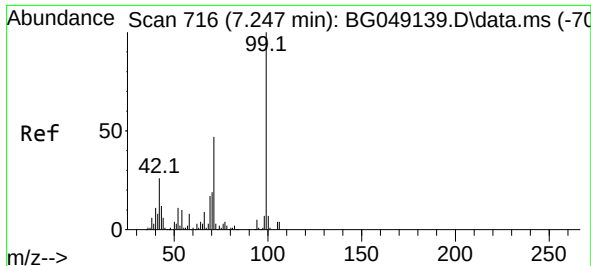


#5
2-Fluorophenol
Concen: 78.308 ng
RT: 5.642 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

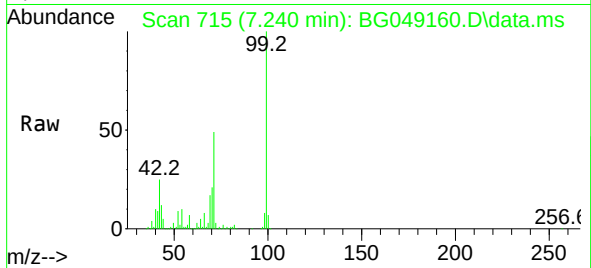


Tgt Ion:112 Resp: 201316
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 39.5 35.3 52.9

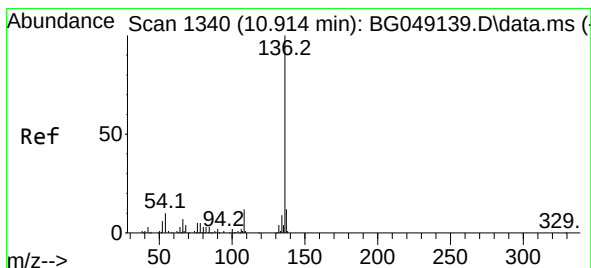
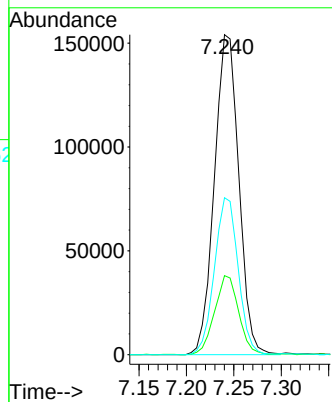
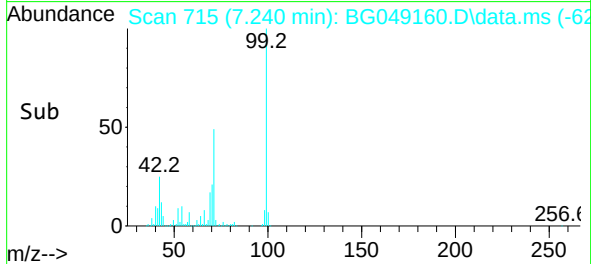




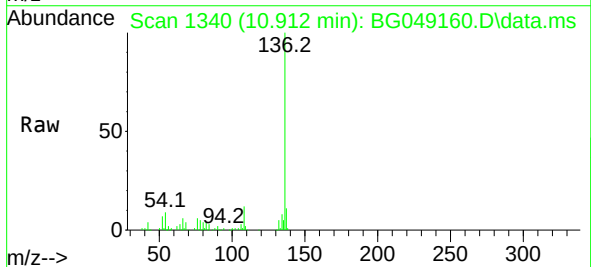
#7
Phenol-d6
Concen: 75.372 ng
RT: 7.240 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



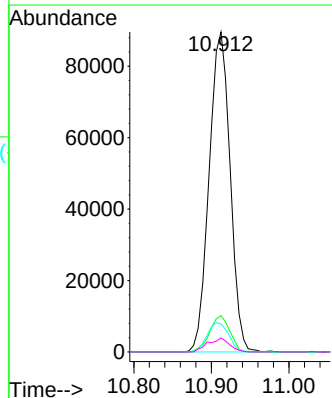
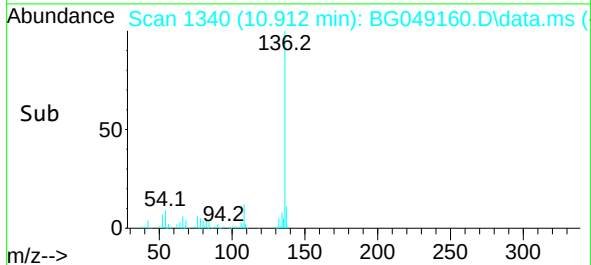
Tgt Ion: 99 Resp: 276258
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 49.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



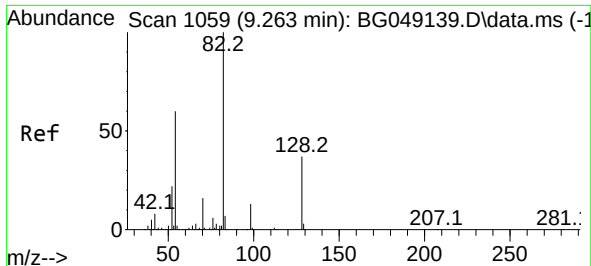
Tgt Ion: 136 Resp: 168555
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.7 5.5 8.3#
68 4.4 2.3 3.5#



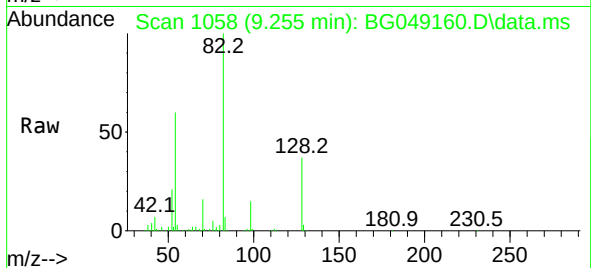
Instrument :
BNA_G
ClientSampleId :
ETGI-352

Manual Integrations
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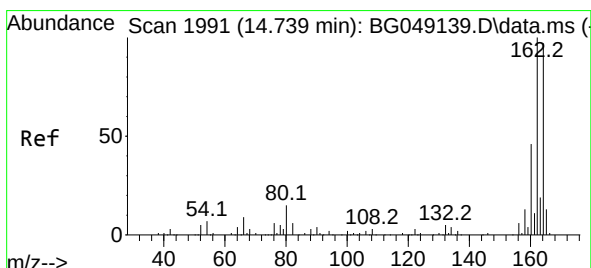
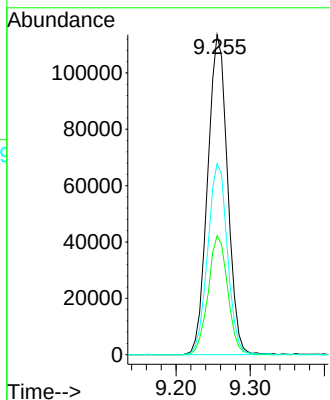
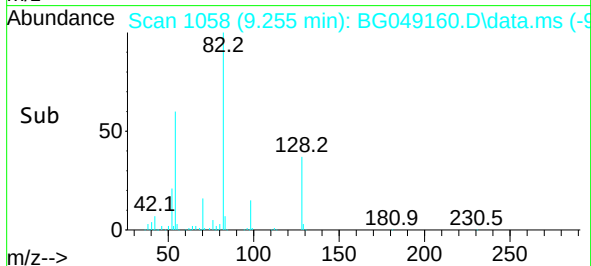
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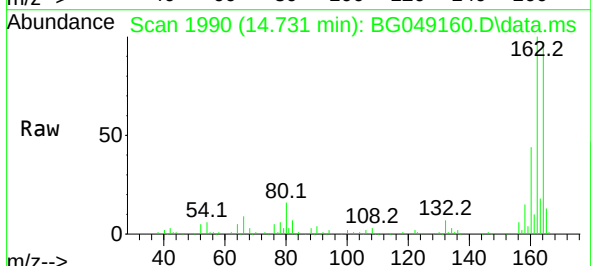
#23
Nitrobenzene-d5
Concen: 53.081 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



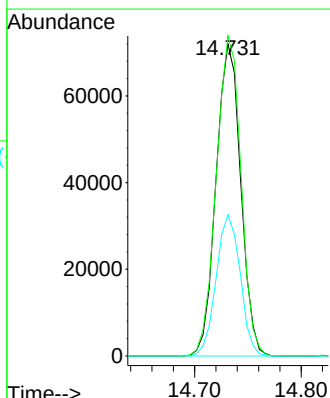
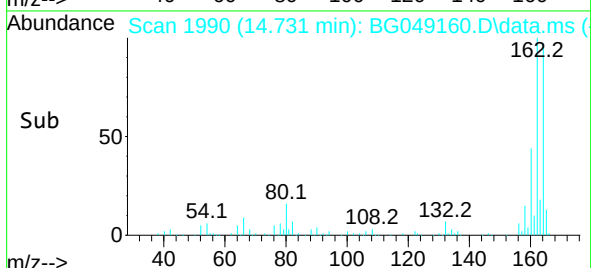
Tgt Ion: 82 Resp: 211027
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 59.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



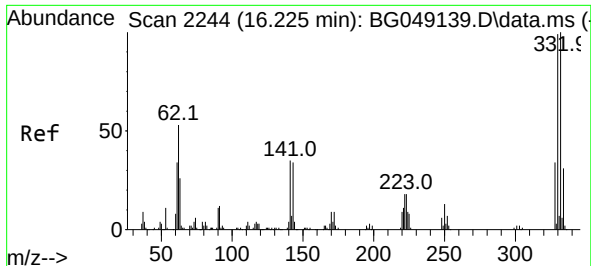
Tgt Ion: 164 Resp: 115349
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 45.3 34.9 52.3



Instrument :
BNA_G
ClientSampleId :
ETGI-352

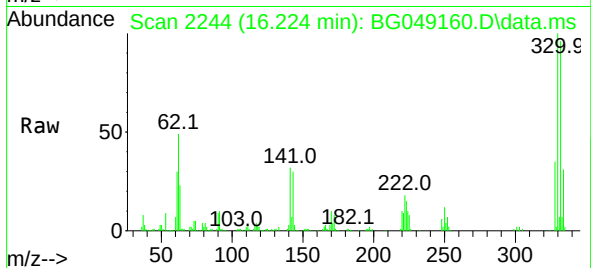
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#42
2,4,6-Tribromophenol
Concen: 73.398 ng
RT: 16.224 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

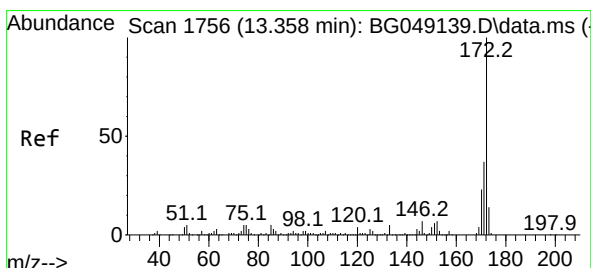
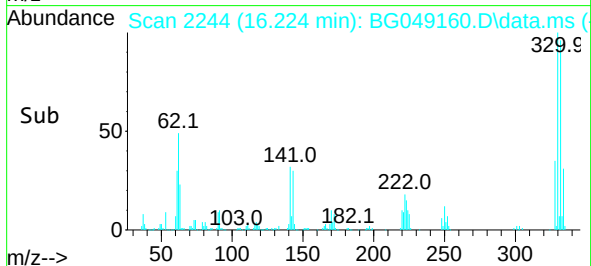
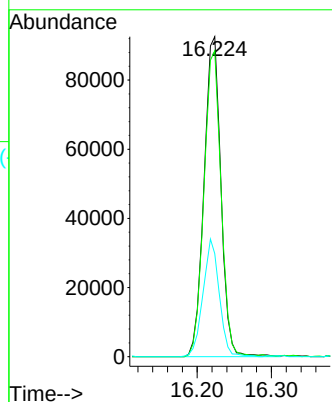
Instrument :
BNA_G
ClientSampled :
ETGI-352



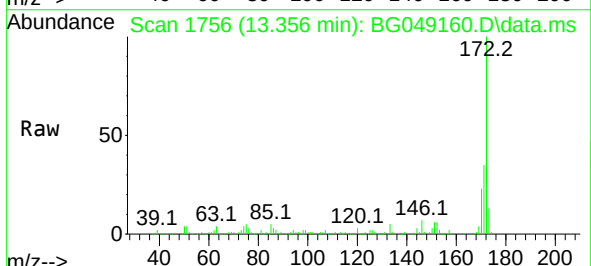
Tgt Ion:330 Resp: 146768
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.4 35.6 53.4#

Manual Integrations
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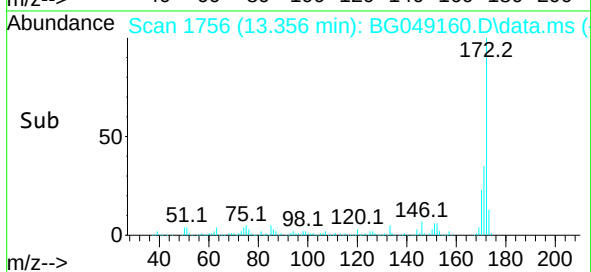
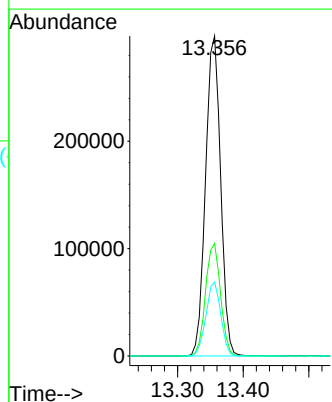
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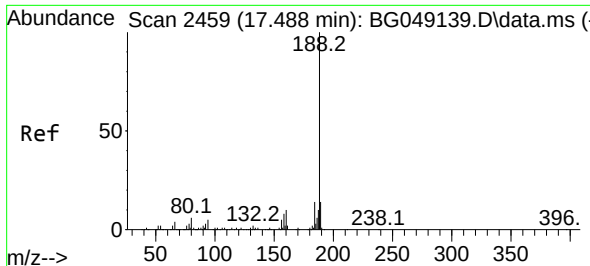


#45
2-Fluorobiphenyl
Concen: 55.776 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



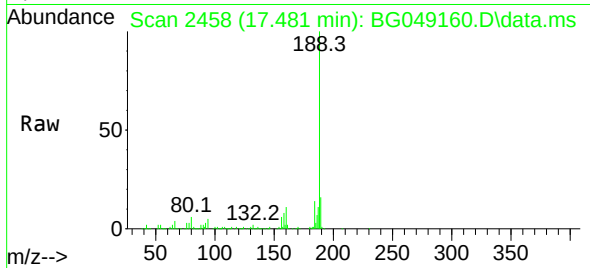
Tgt Ion:172 Resp: 476871
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2458
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

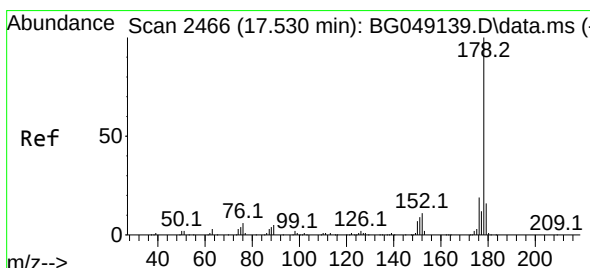
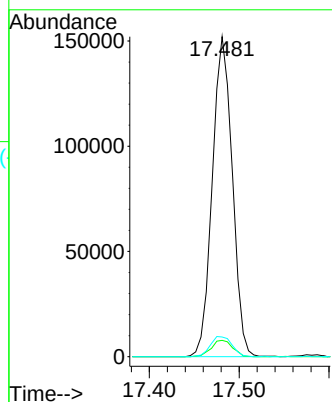
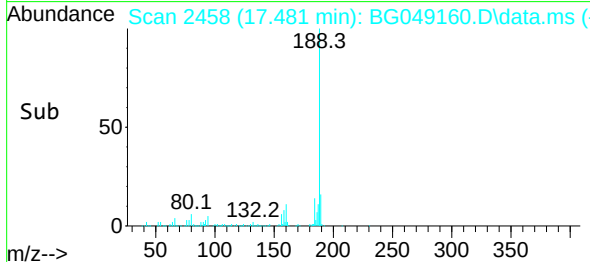
Instrument :
BNA_G
ClientSampleId :
ETGI-352



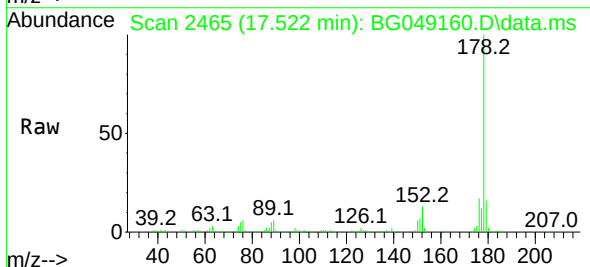
Tgt Ion:188 Resp: 235088
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.2 3.7 5.5#

Manual Integrations
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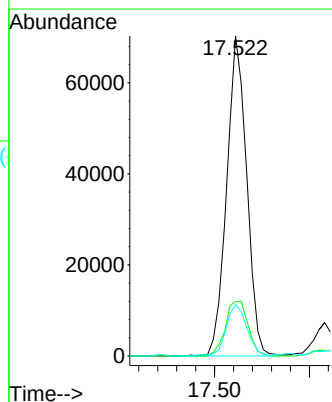
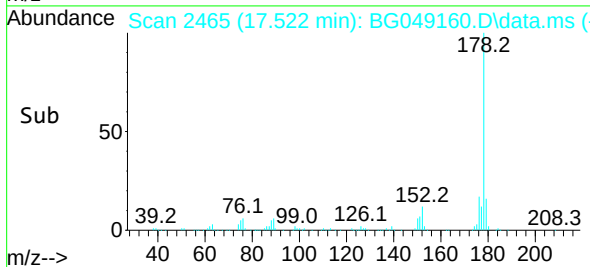
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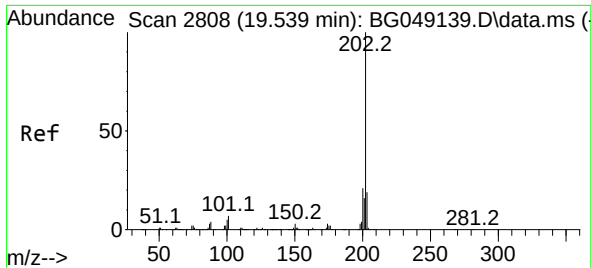


#71
Phenanthrene
Concen: 7.617 ng
RT: 17.522 min Scan# 2465
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

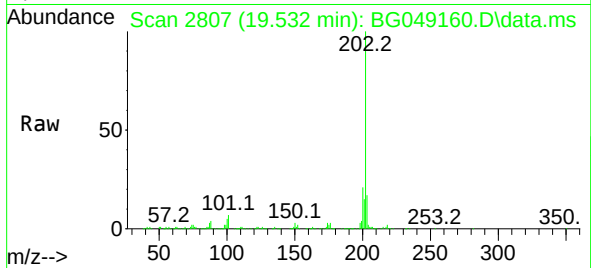


Tgt Ion:178 Resp: 103109
Ion Ratio Lower Upper
178 100
176 17.0 16.0 24.0
179 15.9 14.2 21.4

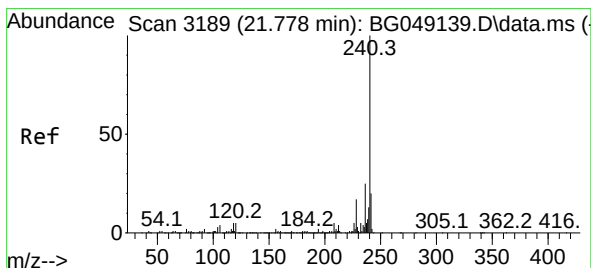
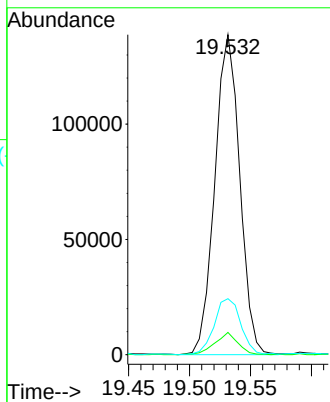
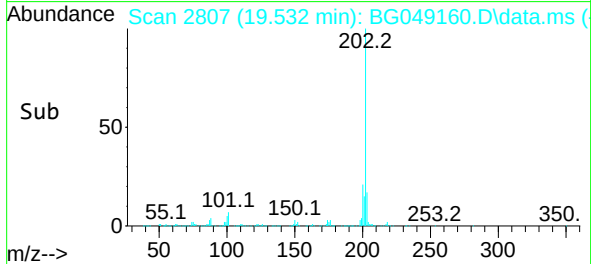




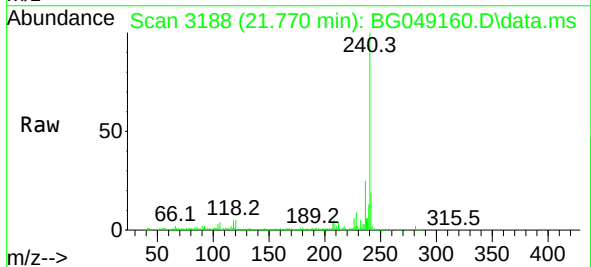
#75
Fluoranthene
Concen: 11.663 ng
RT: 19.532 min Scan# 2807
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



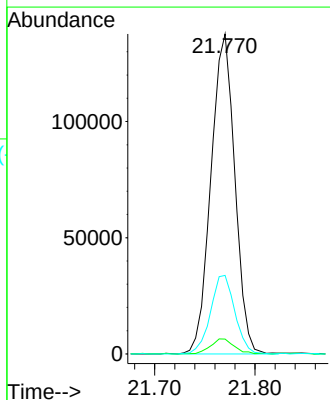
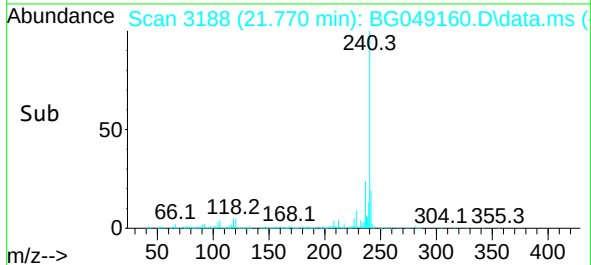
Tgt Ion:202 Resp: 197653
Ion Ratio Lower Upper
202 100
101 7.0 0.0 24.7
203 17.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



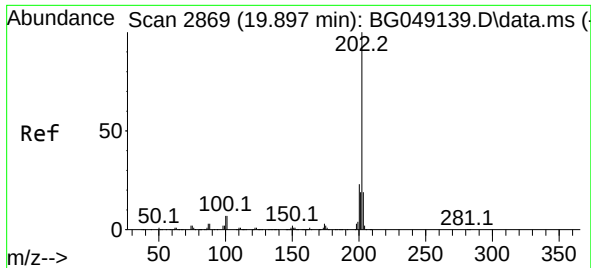
Tgt Ion:240 Resp: 227594
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 24.5 21.8 32.6



Instrument :
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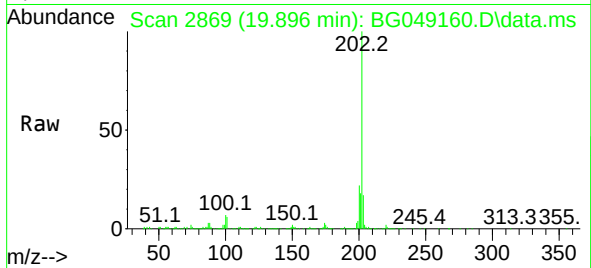
Manual Integrations
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#78
Pyrene
Concen: 11.814 ng
RT: 19.896 min Scan# 2869
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

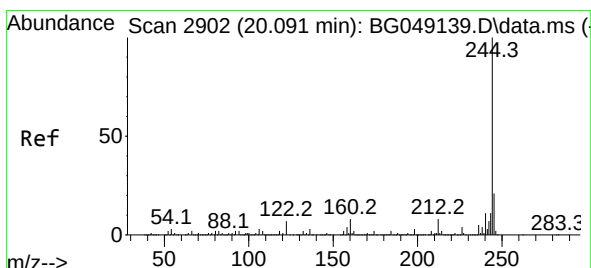
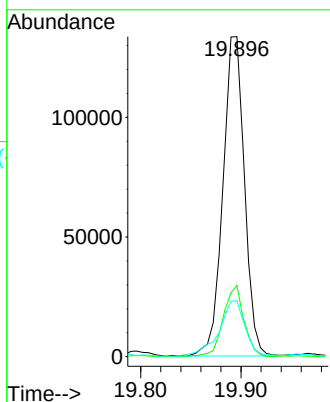
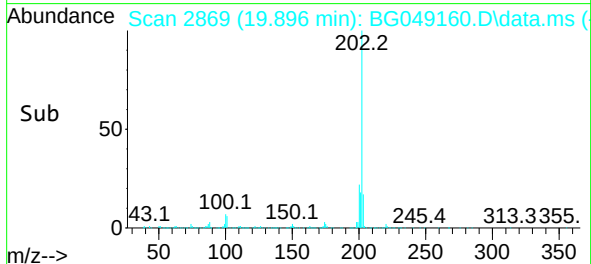
Instrument :
BNA_G
ClientSampleId :
ETGI-352



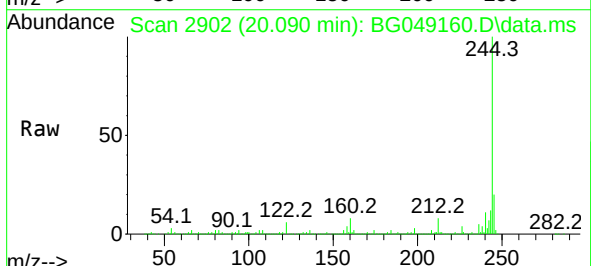
Tgt Ion:202 Resp: 199711
Ion Ratio Lower Upper
202 100
200 22.2 15.8 23.8
203 17.5 14.6 21.8

Manual Integrations
APPROVED

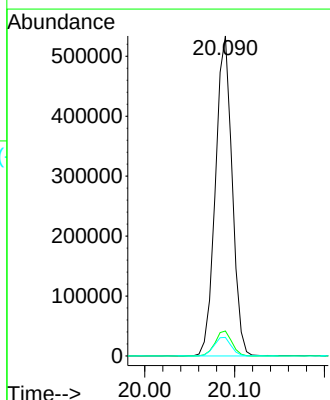
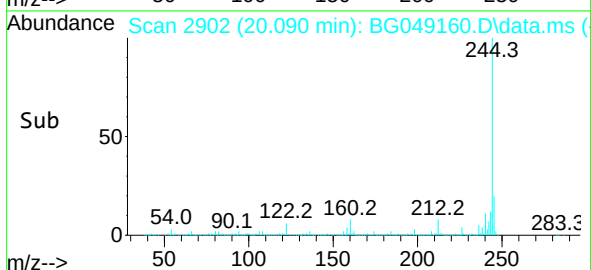
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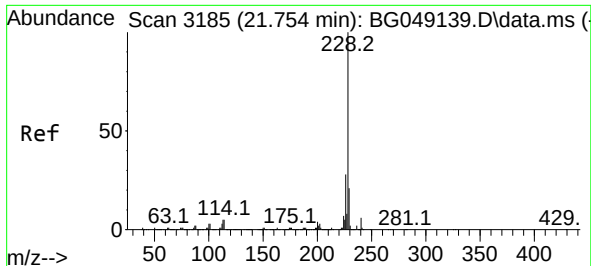


#79
Terphenyl-d14
Concen: 51.212 ng
RT: 20.090 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



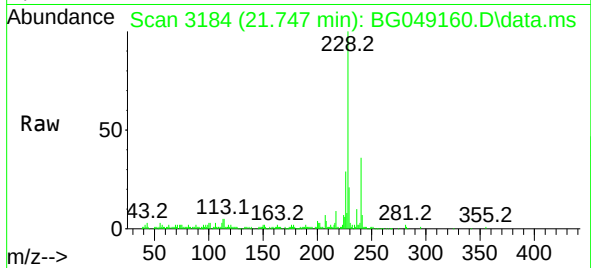
Tgt Ion:244 Resp: 687834
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 5.8 5.0 7.6





#81
Benzo(a)anthracene
Concen: 6.021 ng
RT: 21.747 min Scan# 3184
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

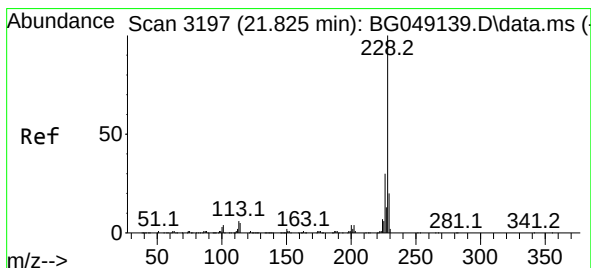
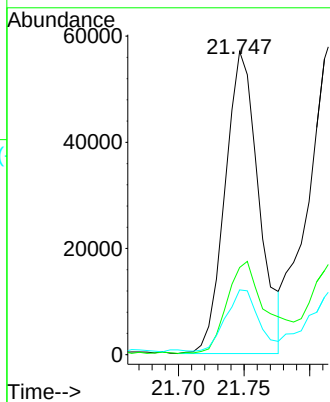
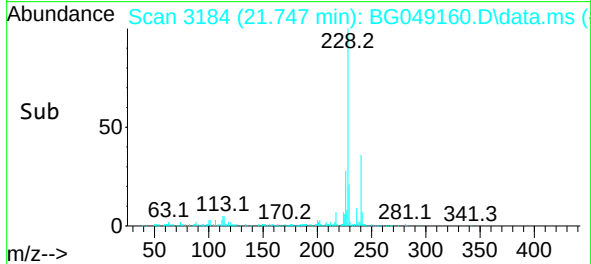
Instrument :
BNA_G
ClientSampleId :
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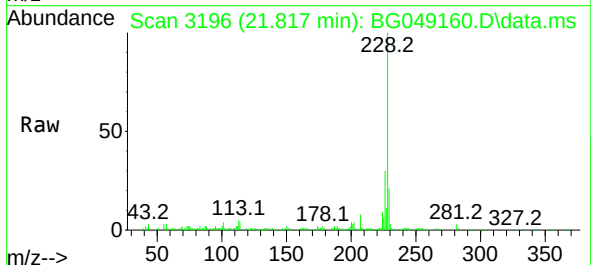
Tgt Ion:228 Resp: 102213
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.4 16.0 24.0

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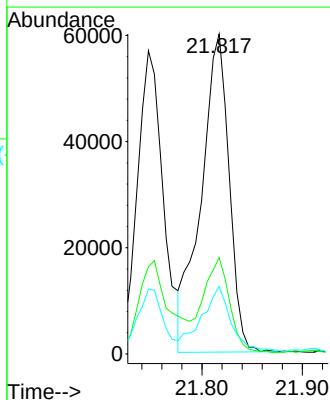
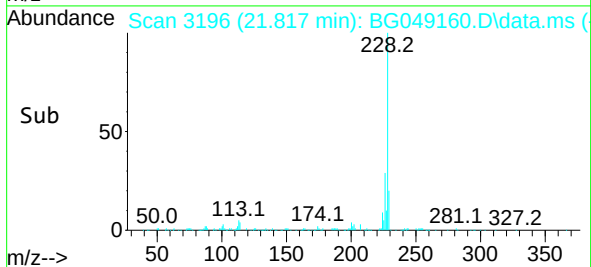
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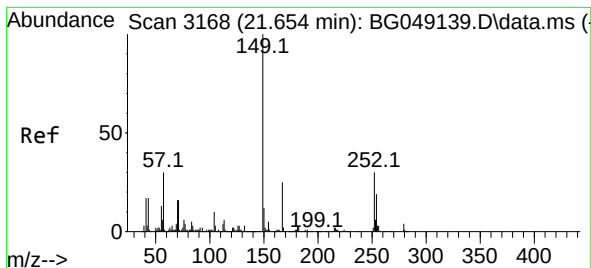


#83
Chrysene
Concen: 7.232 ng
RT: 21.817 min Scan# 3196
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

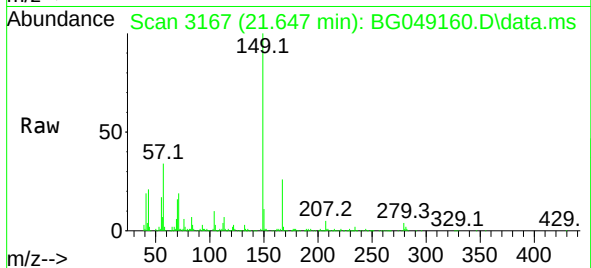


Tgt Ion:228 Resp: 116628
Ion Ratio Lower Upper
228 100
226 30.1 23.1 34.7
229 21.1 15.3 22.9

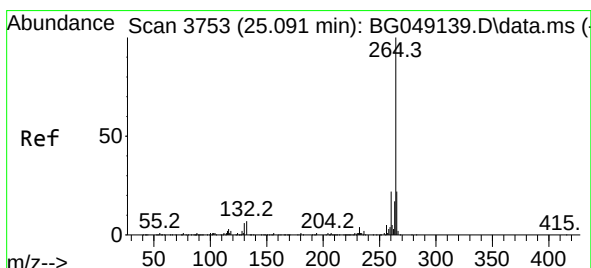
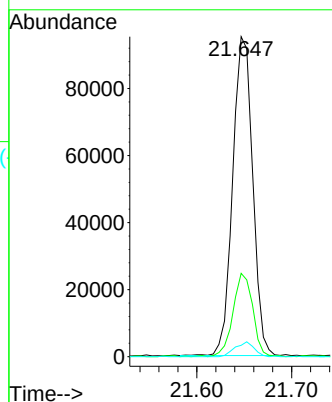
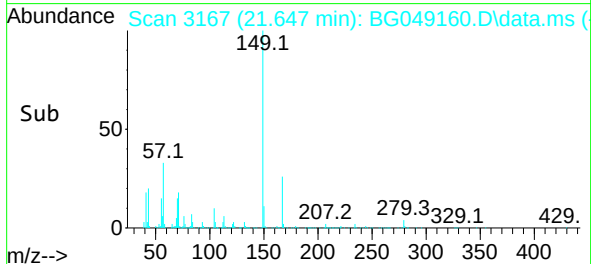




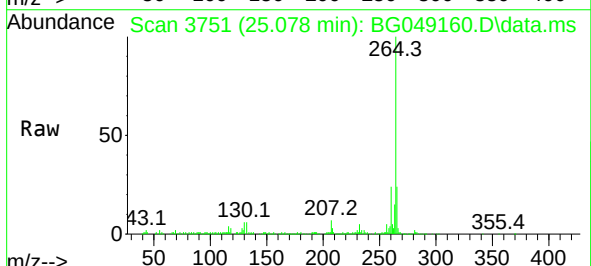
#84
Bis(2-ethylhexyl)phthalate
Concen: 15.429 ng
RT: 21.647 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



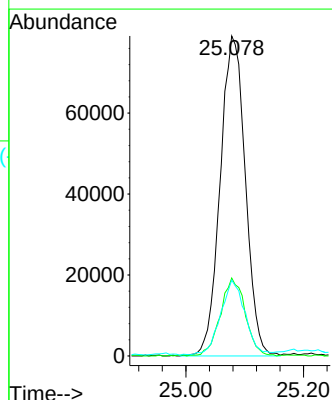
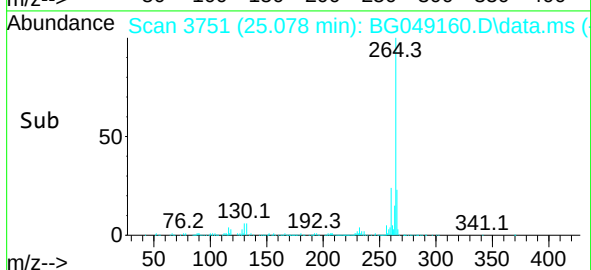
Tgt Ion:149 Resp: 139571
Ion Ratio Lower Upper
149 100
167 26.0 22.3 33.5
279 3.5 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.078 min Scan# 3751
Delta R.T. -0.013 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



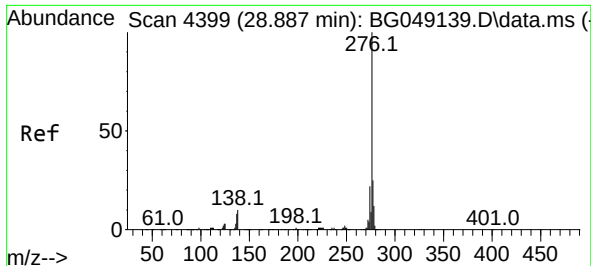
Tgt Ion:264 Resp: 234370
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.7 16.9 25.3



Instrument :
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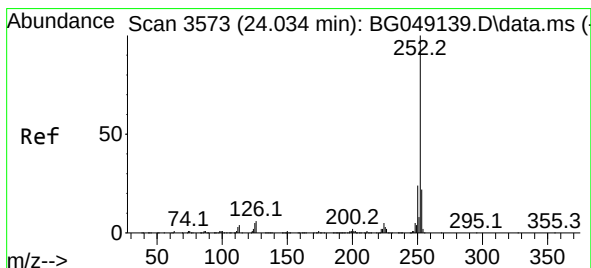
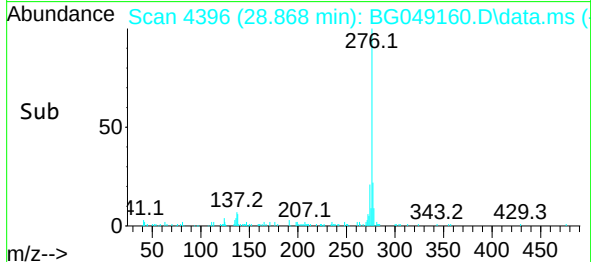
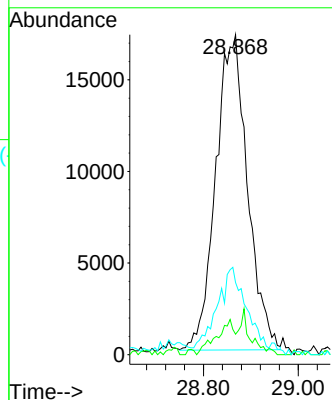
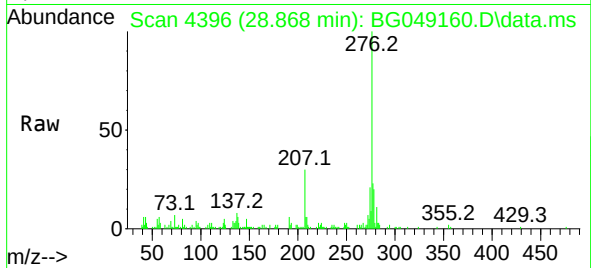
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.284 ng
RT: 28.868 min Scan# 4396
Delta R.T. -0.019 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion: 276 Resp: 80109
Ion Ratio Lower Upper
276 100
138 6.2 5.1 7.7
277 23.7 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
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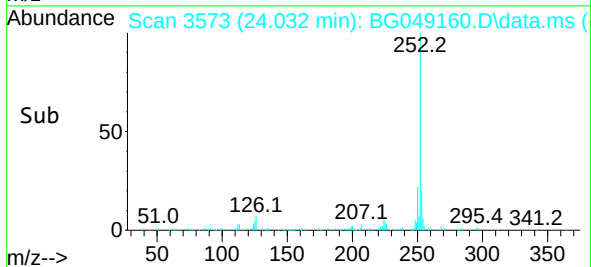
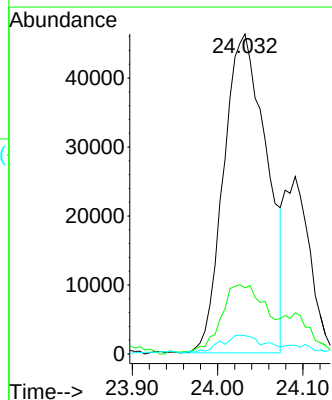
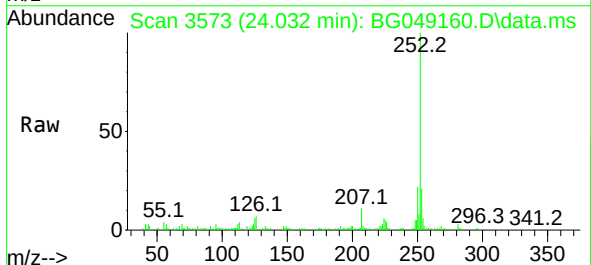
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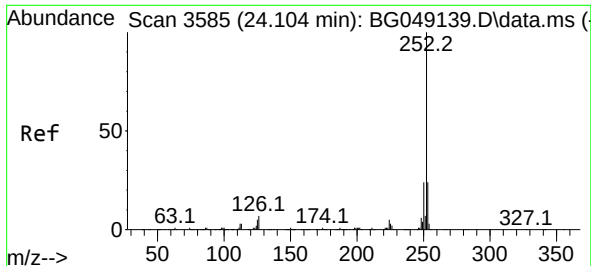
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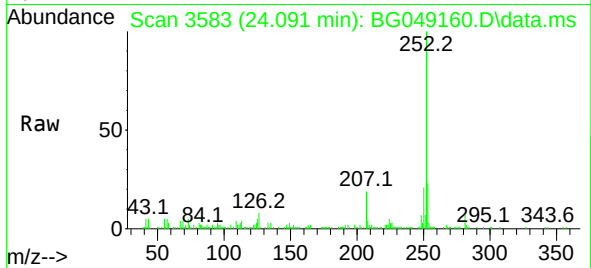
#88
Benzo(b)fluoranthene
Concen: 9.579 ng
RT: 24.032 min Scan# 3573
Delta R.T. -0.002 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24

Tgt Ion: 252 Resp: 162003
Ion Ratio Lower Upper
252 100
253 20.7 16.2 24.4
125 5.7 3.0 4.4#

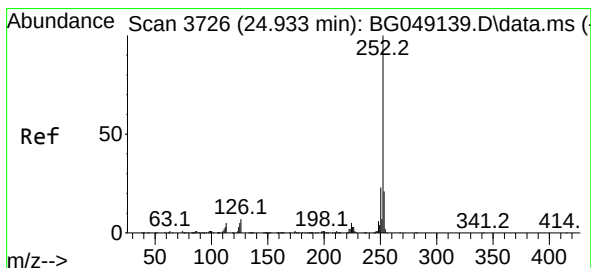
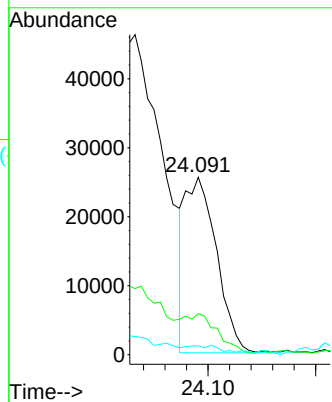
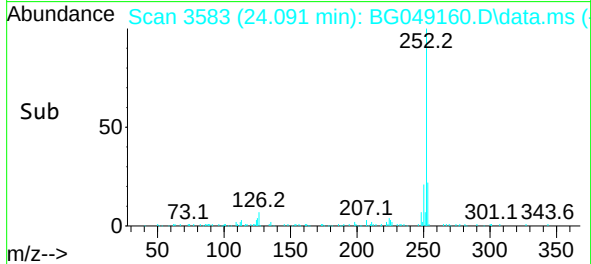




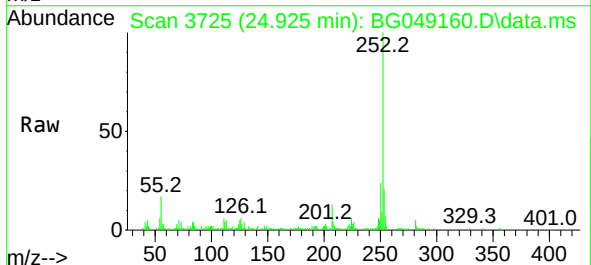
#89
Benzo(k)fluoranthene
Concen: 3.196 ng m
RT: 24.091 min Scan# 3583
Delta R.T. -0.013 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



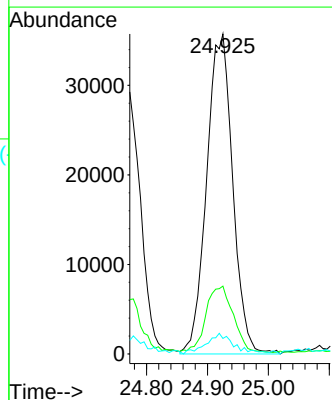
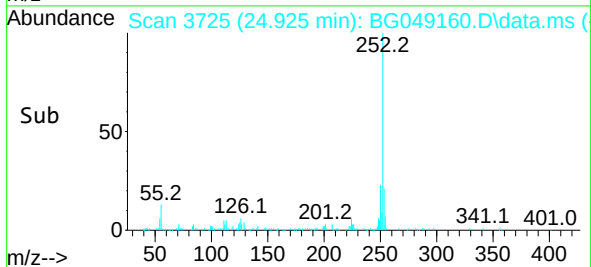
Tgt Ion:252 Resp: 51571
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 5.0 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 6.821 ng
RT: 24.925 min Scan# 3725
Delta R.T. -0.007 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



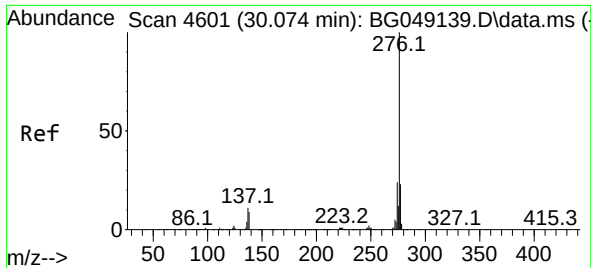
Tgt Ion:252 Resp: 106422
Ion Ratio Lower Upper
252 100
253 21.2 16.6 25.0
125 4.8 3.5 5.3



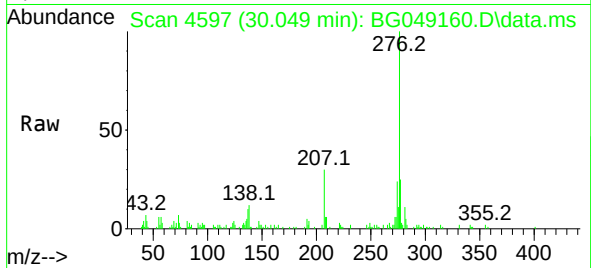
Instrument :
BNA_G
ClientSampleId :
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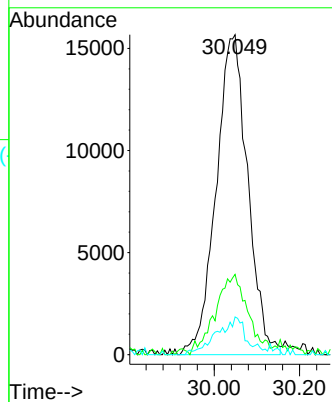
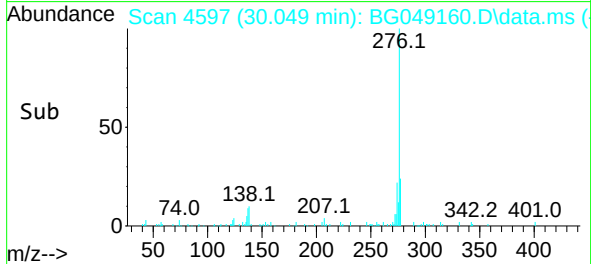
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#92
Benzo(g,h,i)perylene
Concen: 5.170 ng
RT: 30.049 min Scan# 4597
Delta R.T. -0.025 min
Lab File: BG049160.D
Acq: 1 Jul 2021 19:24



Tgt Ion:276 Resp: 80444
Ion Ratio Lower Upper
276 100
277 25.1 18.4 27.6
138 11.8 7.0 10.6#



Instrument :
BNA_G
ClientSampleId :
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