

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050001.D
 Acq On : 27 Aug 2021 15:11
 Operator : CG/JU
 Sample : M3365-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK77

Manual Integrations
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Quant Time: Aug 27 23:35:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 27 11:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	15716	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	66878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.635	164	46150	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.390	188	105932	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.661	240	97946	20.000	ng/ul	0.00
88) Perylene-d12	24.897	264	103310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	1670	5.480	ng/uL	-0.02
4) Pyridine-d5	3.773	84	6009m	6.546	ng/ul	0.00
7) Phenol-d5	7.145	99	41992	31.465	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	21745m	29.329	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	31611	31.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.696	113	30703	29.213	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	16471	31.767	ng/ul	0.00
24) 2-Nitrophenol-d4	9.877	143	17843	28.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.429	165	31779	28.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	40360	26.928	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	104323	29.537	ng/ul	0.00
49) Acenaphthylene-d8	14.329	160	129047	31.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143	12741	24.933	ng/ul	0.00
60) Fluorene-d10	15.628	176	88032	29.397	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	13135	19.273	ng/ul	0.00
73) Anthracene-d10	17.490	188	147129	30.930	ng/ul	0.00
81) Pyrene-d10	19.775	212	168085	31.757	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	162151	29.585	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.174	94	77339	57.374	ng/ul	96
22) Nitrobenzene	9.189	77	71489	50.885	ng/ul	99
23) Isophorone	9.712	82	145870	58.274	ng/ul	95
30) Naphthalene	10.846	128	234671	70.203	ng/ul	97
36) 2-Methylnaphthalene	12.461	142	135193	54.407	ng/ul	95
41) 2,4,6-Trichlorophenol	13.072	196	48113	55.698	ng/ul	95
43) 1,1'-Biphenyl	13.466	154	147147	45.638	ng/ul	100
50) Acenaphthylene	14.359	152	121179	32.016	ng/ul	96
56) Dibenzofuran	15.034	168	221506	58.258	ng/ul	99
59) Diethylphthalate	15.446	149	150733	42.154	ng/ul	96
69) Hexachlorobenzene	16.697	284	51512	38.067	ng/ul	94
71) Pentachlorophenol	17.049	266	22817	39.820	ng/ul	94
74) Anthracene	17.525	178	268345m	50.143	ng/ul	
77) Carbazole	17.795	167	285613	59.977	ng/ul	99
80) Fluoranthene	19.446	202	309796	47.431	ng/ul	99
85) Benzo(a)anthracene	21.643	228	241219	39.524	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.531	149	161907	46.159	ng/ul	98
89) Di-n-octyl phthalate	22.742	149	294020	47.975	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.604	276	338378	44.697	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.657	278	298907	47.164	ng/ul#	96
96) Benzo(g,h,i)perylene	29.756	276	295618	46.447	ng/ul	98

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

Instrument :

BNA_G

ClientSampleId :

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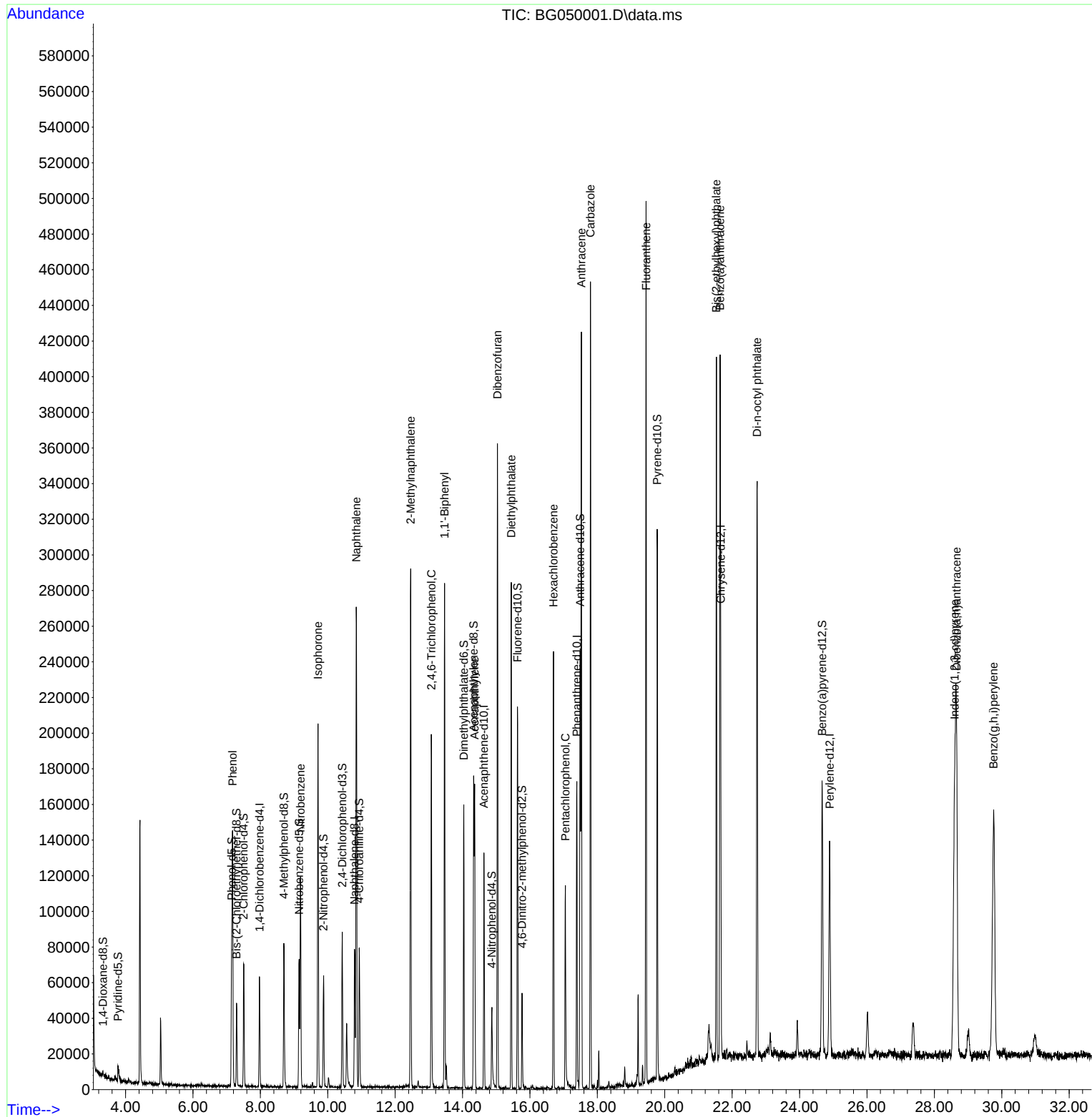
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Acq On : 27 Aug 2021 15:11
Operator : CG/JU
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ALS Vial : 28 Sample Multiplier: 1

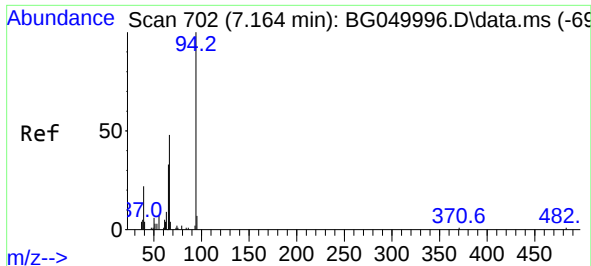
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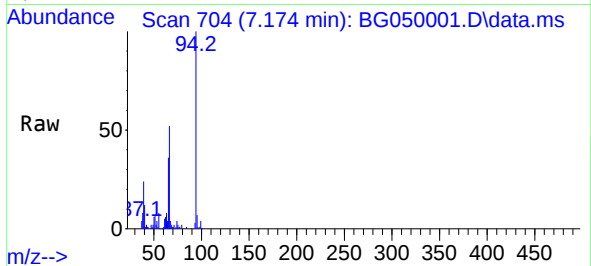
Quant Time: Aug 27 23:35:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration





#8
Phenol
Concen: 57.374 ng/ul
RT: 7.174 min Scan# 704
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

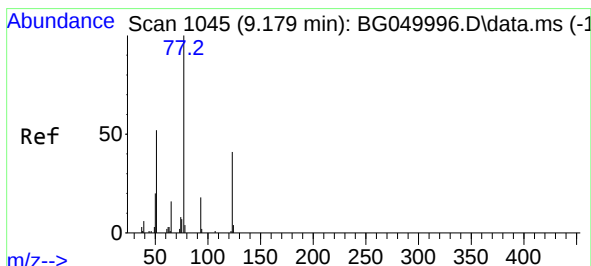
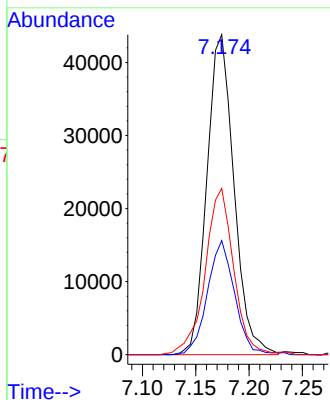
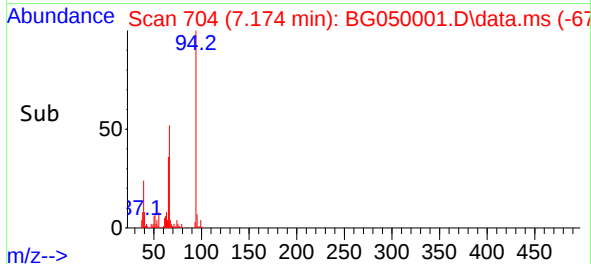
Instrument :
BNA_G
ClientSampleId :
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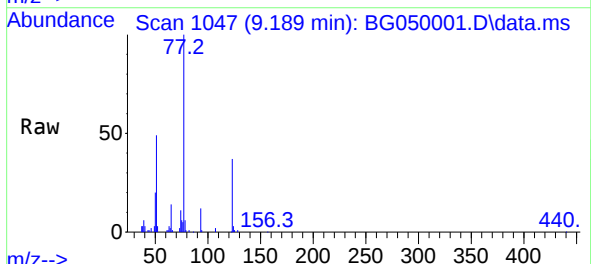
Tgt Ion: 94 Resp: 77339
Ion Ratio Lower Upper
94 100
65 35.6 27.7 41.5
66 51.9 39.0 58.4

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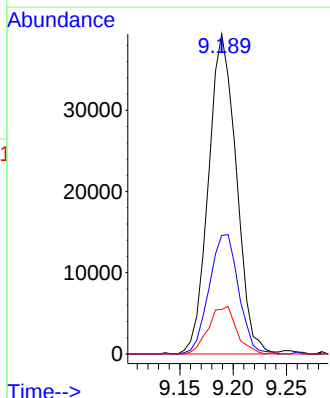
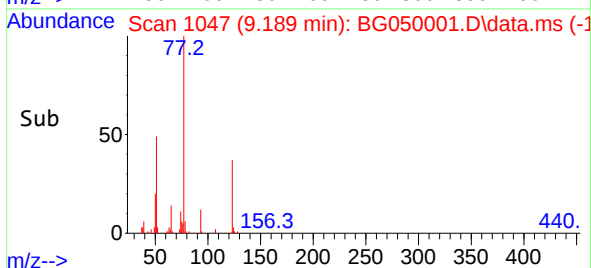
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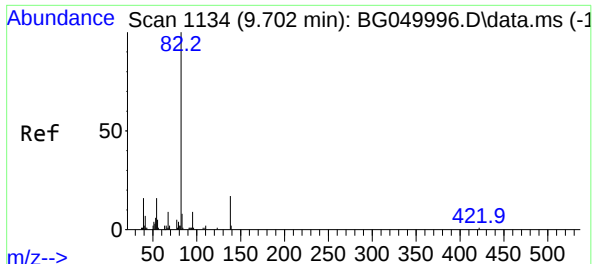


#22
Nitrobenzene
Concen: 50.885 ng/ul
RT: 9.189 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11



Tgt Ion: 77 Resp: 71489
Ion Ratio Lower Upper
77 100
123 37.1 30.4 45.6
65 13.9 11.3 16.9





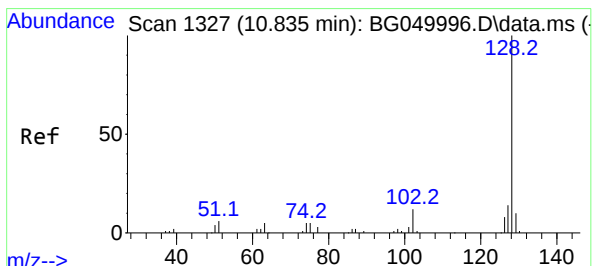
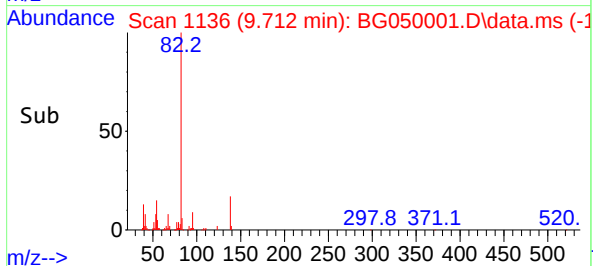
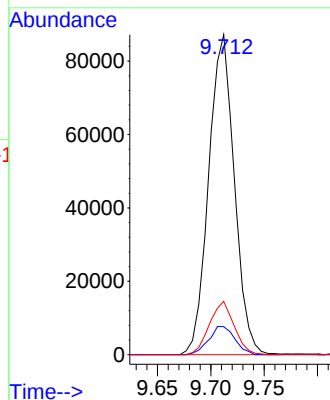
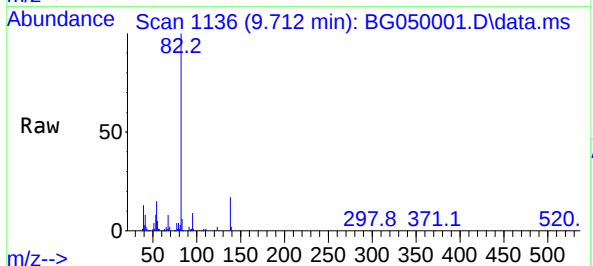
#23
Isophorone
Concen: 58.274 ng/ul
RT: 9.712 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:	82	Resp:	145870
Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.8	11.8
138	16.7	11.4	17.0

Instrument :
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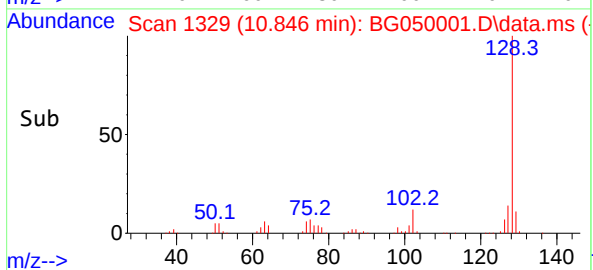
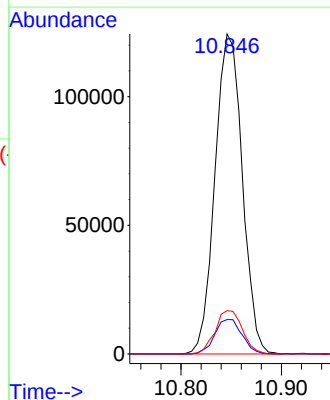
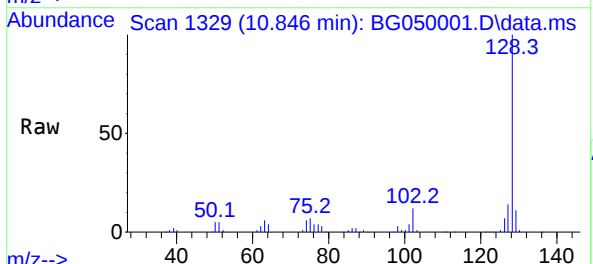
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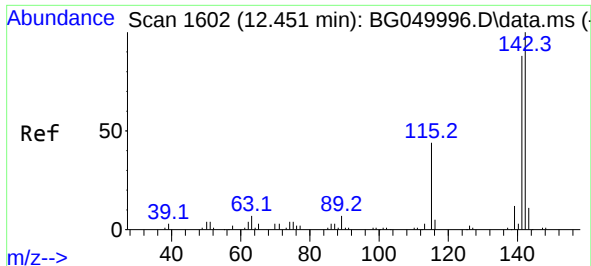
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#30
Naphthalene
Concen: 70.203 ng/ul
RT: 10.846 min Scan# 1329
Delta R.T. -0.010 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:	128	Resp:	234671
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	13.5	9.8	14.6





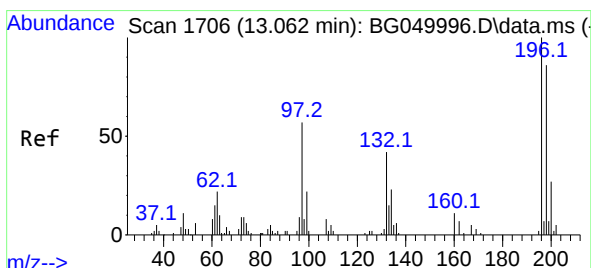
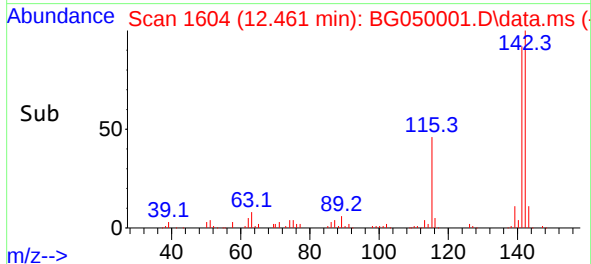
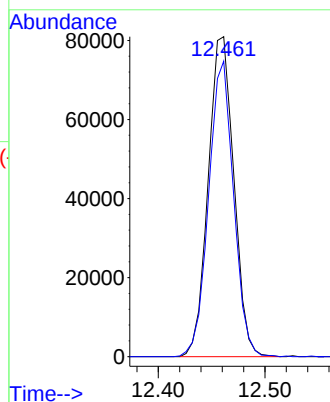
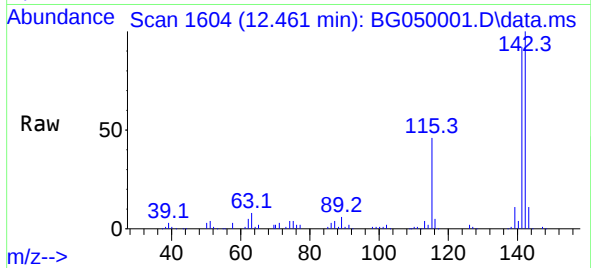
#36
2-Methylnaphthalene
Concen: 54.407 ng/ul
RT: 12.461 min Scan# 1604
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Instrument :
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Tgt Ion:142 Resp: 135193
Ion Ratio Lower Upper
142 100
141 92.3 70.5 105.7

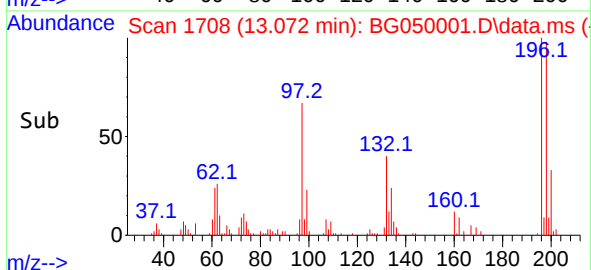
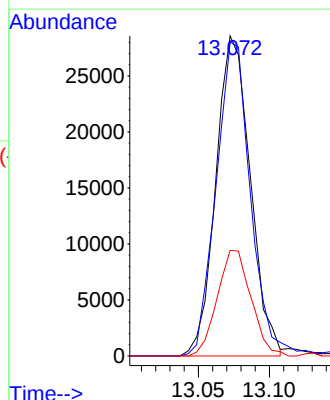
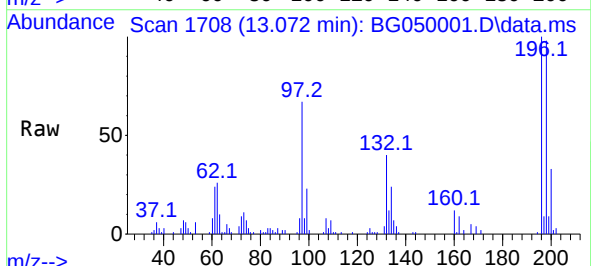
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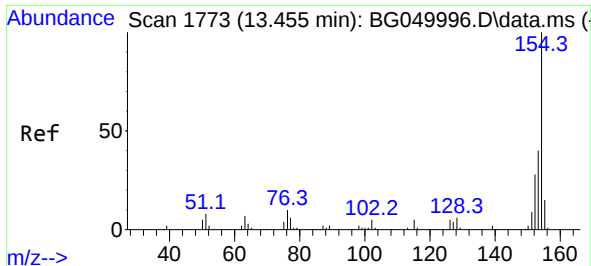
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#41
2,4,6-Trichlorophenol
Concen: 55.698 ng/ul
RT: 13.072 min Scan# 1708
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

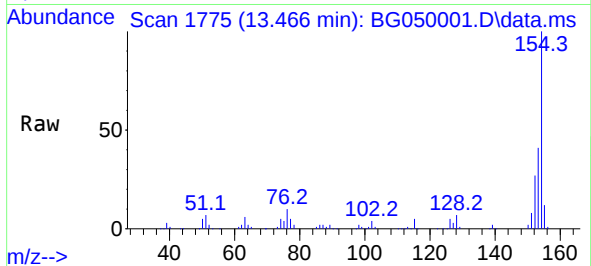
Tgt Ion:196 Resp: 48113
Ion Ratio Lower Upper
196 100
198 98.1 83.7 125.5
200 33.0 25.9 38.9





#43
1,1'-Biphenyl
Concen: 45.638 ng/ul
RT: 13.466 min Scan# 1775
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

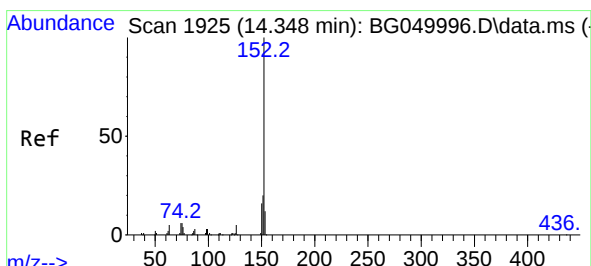
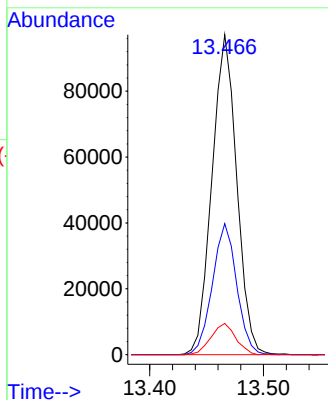
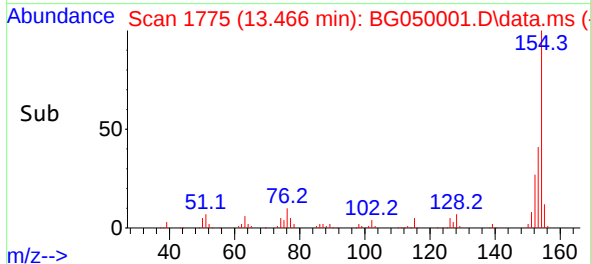
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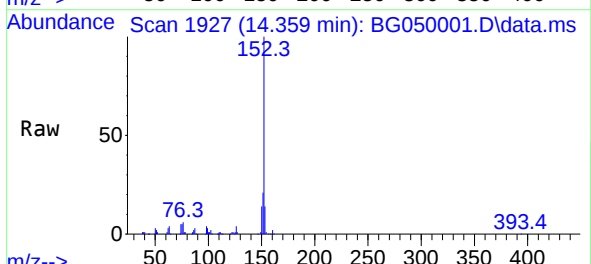
Tgt Ion:154 Resp: 147147
Ion Ratio Lower Upper
154 100
153 41.0 32.5 48.7
76 9.7 7.8 11.8

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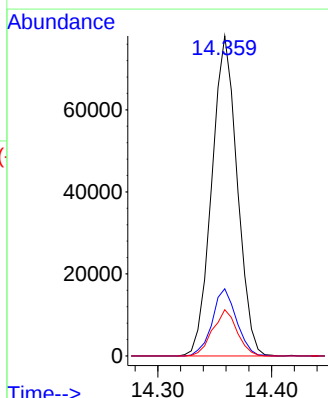
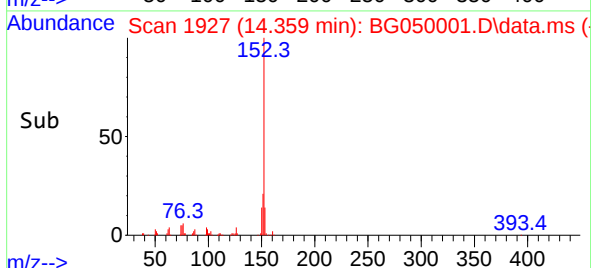
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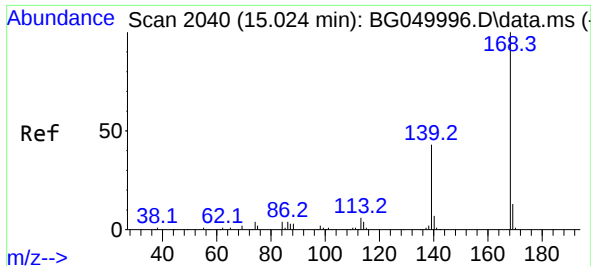


#50
Acenaphthylene
Concen: 32.016 ng/ul
RT: 14.359 min Scan# 1927
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11



Tgt Ion:152 Resp: 121179
Ion Ratio Lower Upper
152 100
151 21.0 15.2 22.8
153 14.5 10.7 16.1





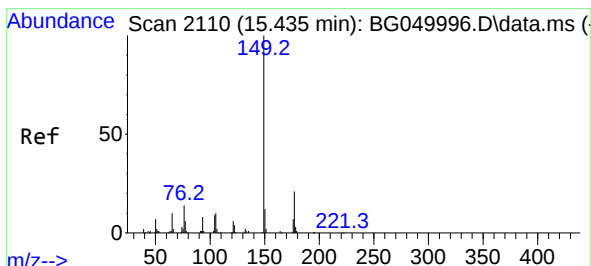
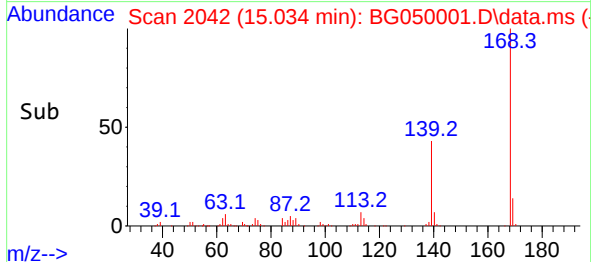
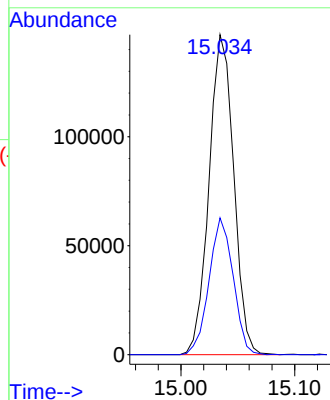
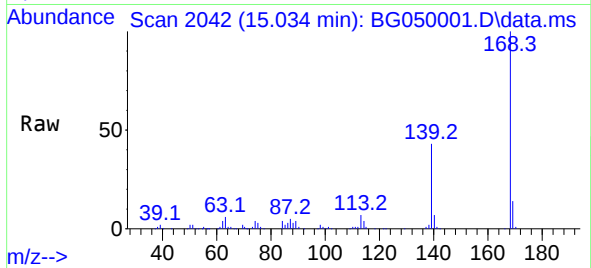
#56
Dibenzofuran
Concen: 58.258 ng/ul
RT: 15.034 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:168 Resp: 221506
Ion Ratio Lower Upper
168 100
139 42.7 33.8 50.8

Instrument :
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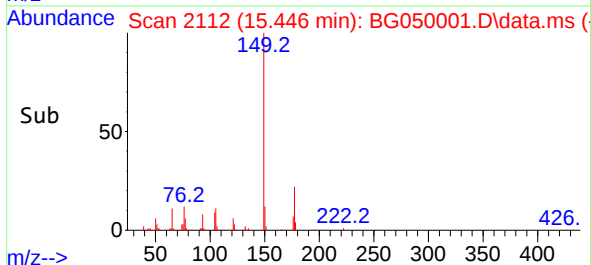
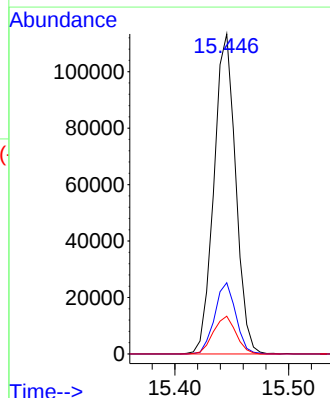
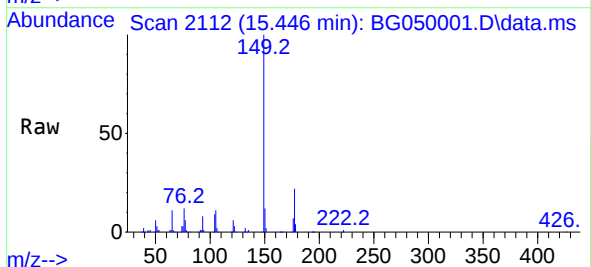
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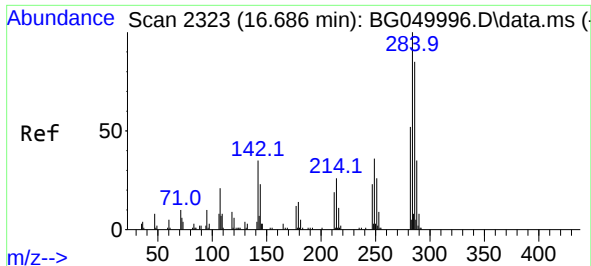
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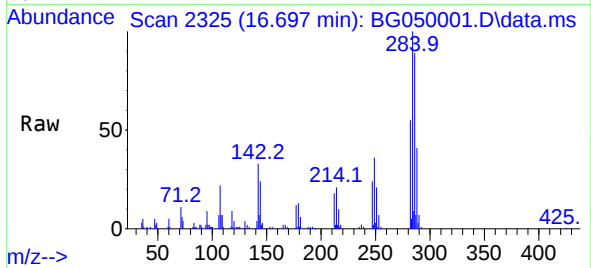
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Diethylphthalate
Concen: 42.154 ng/ul
RT: 15.446 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:149 Resp: 150733
Ion Ratio Lower Upper
149 100
177 22.2 15.8 23.6
150 11.8 9.7 14.5

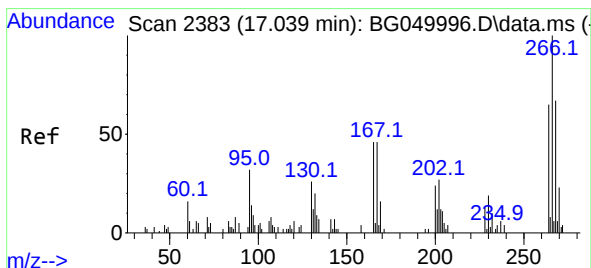
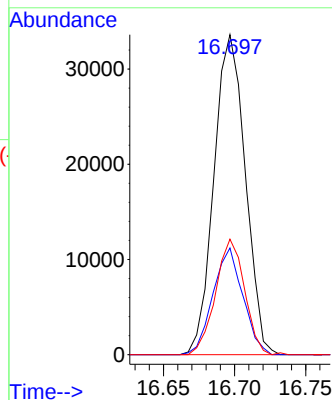
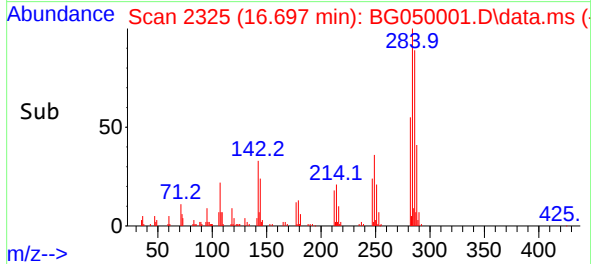




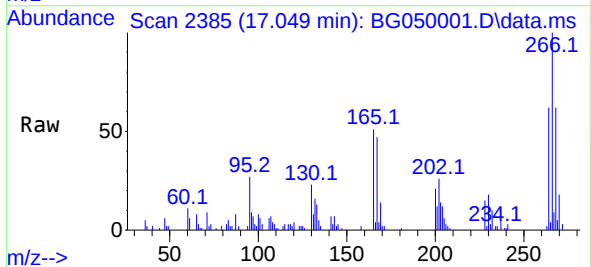
#69
Hexachlorobenzene
Concen: 38.067 ng/ul
RT: 16.697 min Scan# 2325
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11



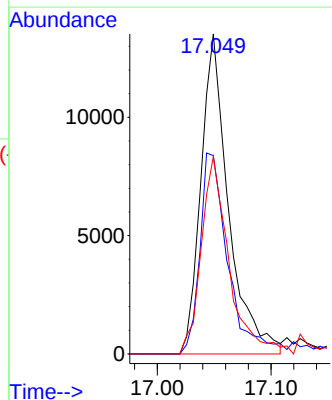
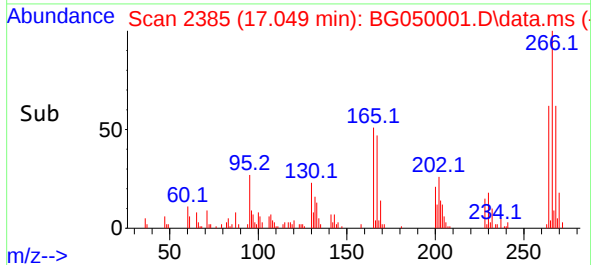
Tgt Ion:284 Resp: 51512
Ion Ratio Lower Upper
284 100
142 33.4 28.7 43.1
249 36.1 25.5 38.3



#71
Pentachlorophenol
Concen: 39.820 ng/ul
RT: 17.049 min Scan# 2385
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11



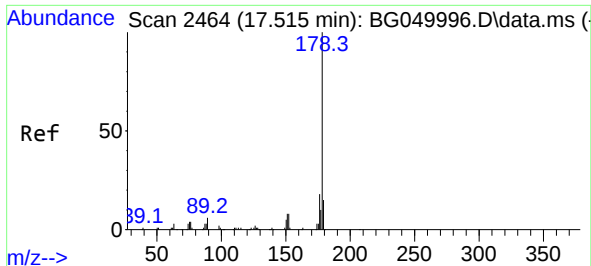
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Ion Ratio Lower Upper
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264 62.0 54.1 81.1
268 61.7 52.6 78.8



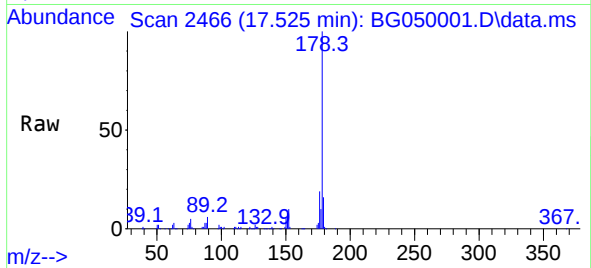
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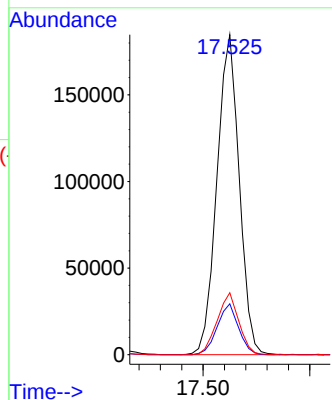
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#74
 Anthracene
 Concen: 50.143 ng/ul m
 RT: 17.525 min Scan# 2466
 Delta R.T. 0.002 min
 Lab File: BG050001.D
 Acq: 27 Aug 2021 15:11



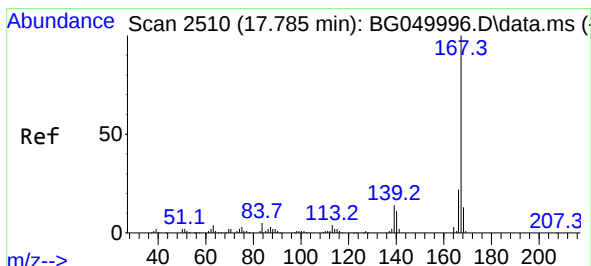
Tgt Ion:178 Resp: 268345
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.4 17.0
 176 19.4 12.8 19.2#



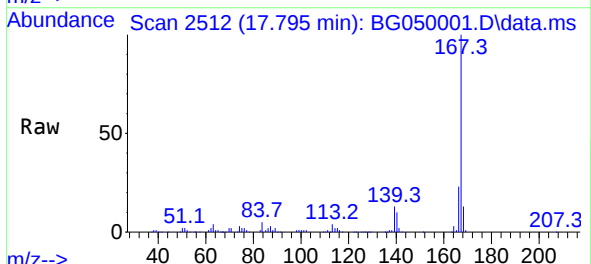
Instrument :
 BNA_G
 ClientSampleId :
 DBK77

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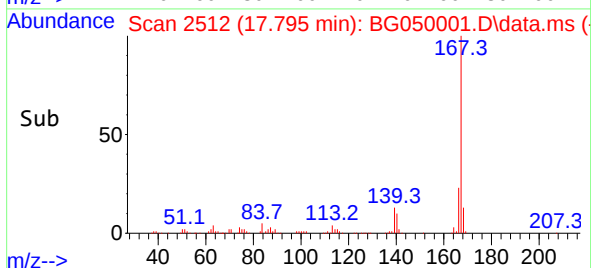
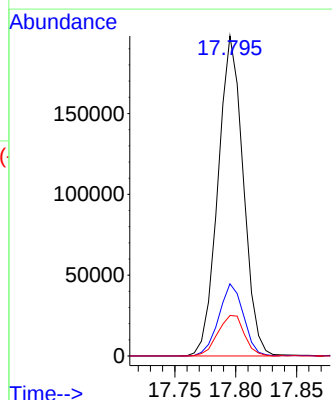
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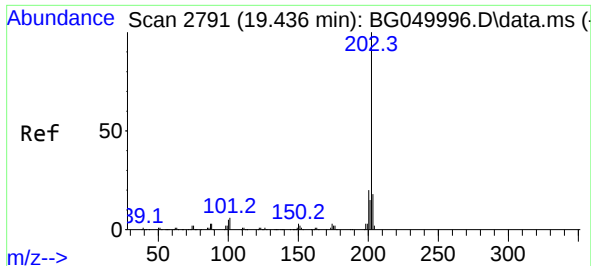


#77
 Carbazole
 Concen: 59.977 ng/ul
 RT: 17.795 min Scan# 2512
 Delta R.T. -0.004 min
 Lab File: BG050001.D
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Tgt Ion:167 Resp: 285613
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 12.7 11.1 16.7





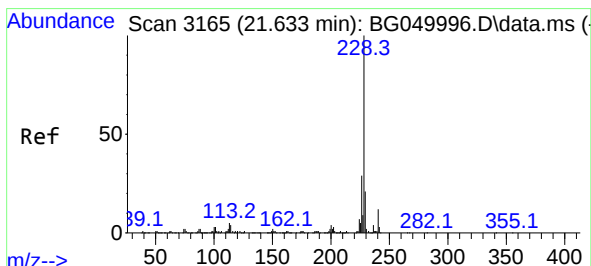
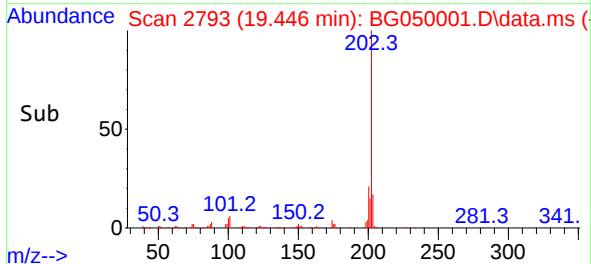
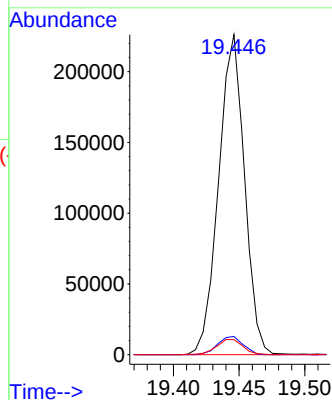
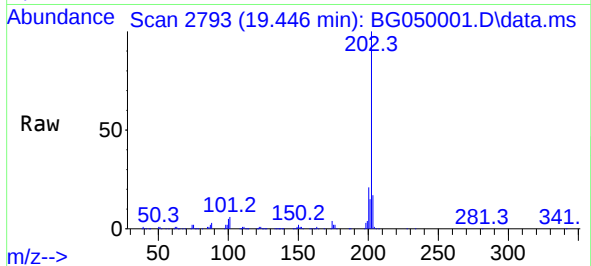
#80
Fluoranthene
Concen: 47.431 ng/ul
RT: 19.446 min Scan# 2793
Delta R.T. 0.002 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:	202	Resp:	309796
Ion Ratio	Lower	Upper	
202	100		
101	5.7	4.3	6.5
100	4.7	3.5	5.3

Instrument :
BNA_G
ClientSampleId :
DBK77

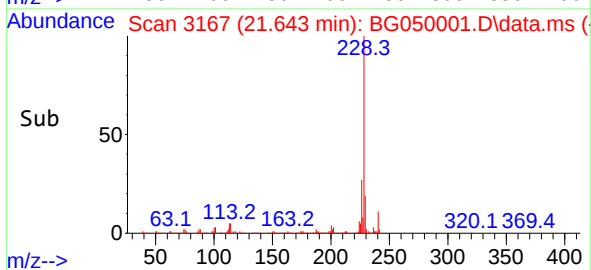
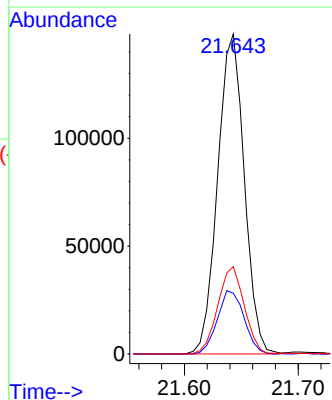
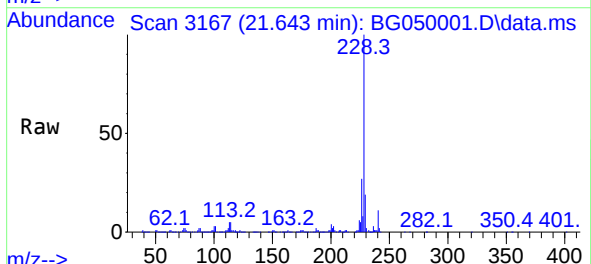
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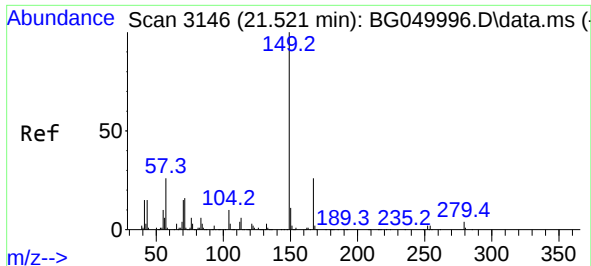
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#85
Benzo(a)anthracene
Concen: 39.524 ng/ul
RT: 21.643 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:	228	Resp:	241219
Ion Ratio	Lower	Upper	
228	100		
229	19.0	16.2	24.4
226	27.3	21.0	31.4





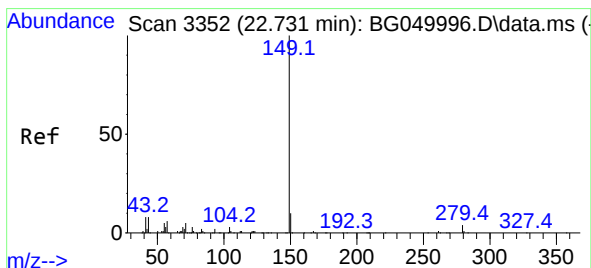
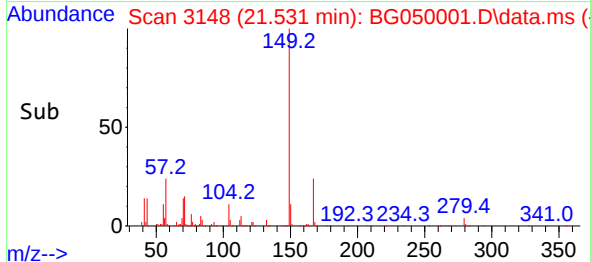
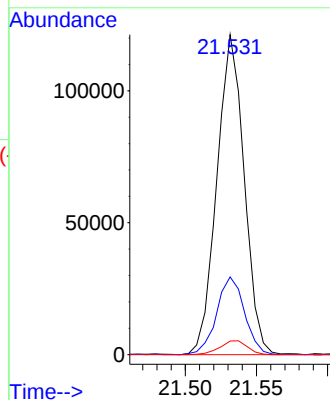
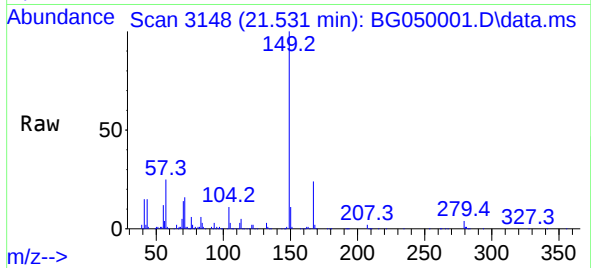
#86
Bis(2-ethylhexyl)phthalate
Concen: 46.159 ng/ul
RT: 21.531 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:149 Resp: 161907
Ion Ratio Lower Upper
149 100
167 24.3 20.4 30.6
279 4.3 3.7 5.5

Instrument :
BNA_G
ClientSampleId :
DBK77

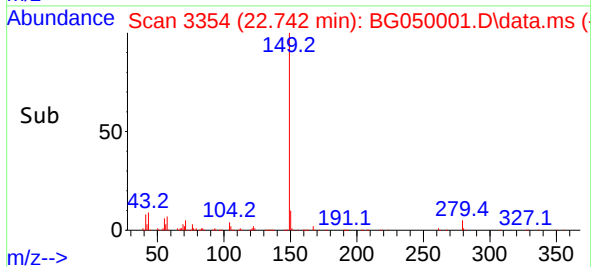
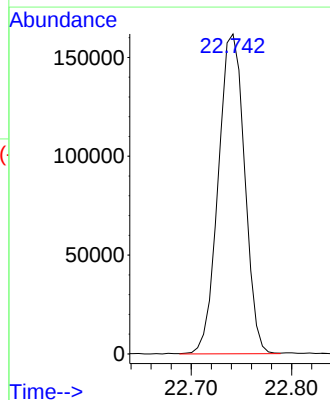
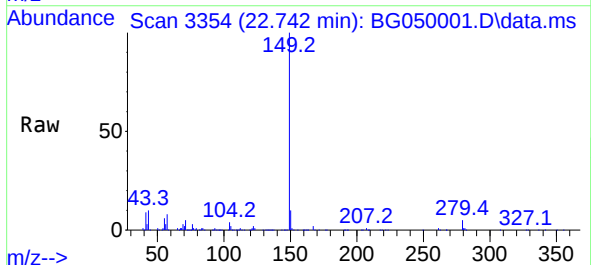
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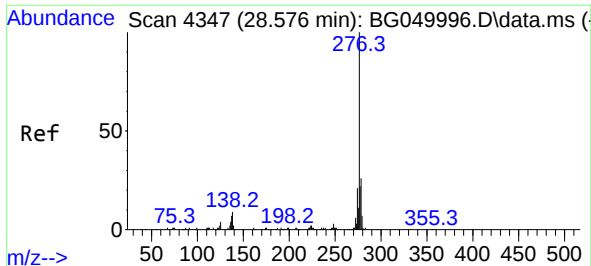
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#89
Di-n-octyl phthalate
Concen: 47.975 ng/ul
RT: 22.742 min Scan# 3354
Delta R.T. -0.004 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:149 Resp: 294020





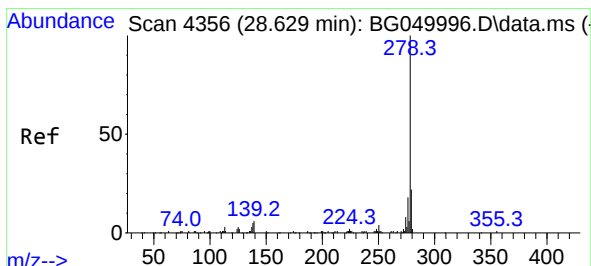
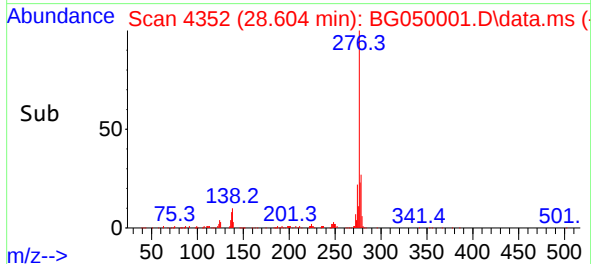
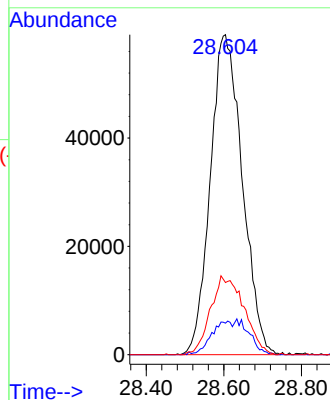
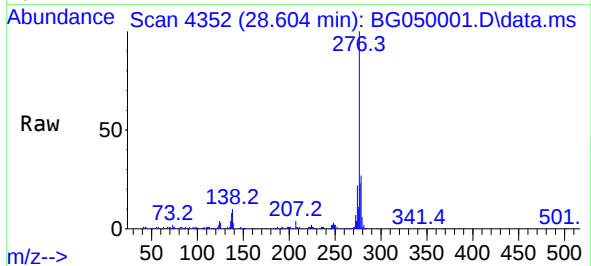
#94
Indeno(1,2,3-cd)pyrene
Concen: 44.697 ng/ul
RT: 28.604 min Scan# 4352
Delta R.T. 0.014 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

Tgt Ion:276 Resp: 338378
Ion Ratio Lower Upper
276 100
138 9.9 5.5 8.3#
277 22.5 18.6 27.8

Instrument :
BNA_G
ClientSampled :
DBK77

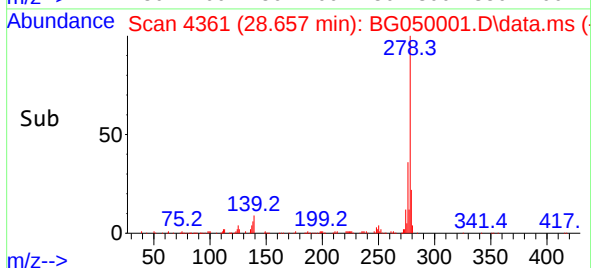
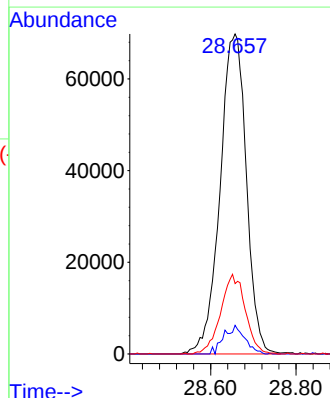
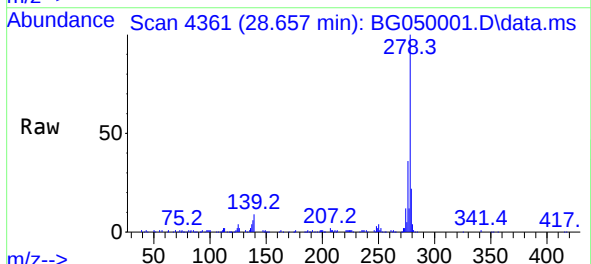
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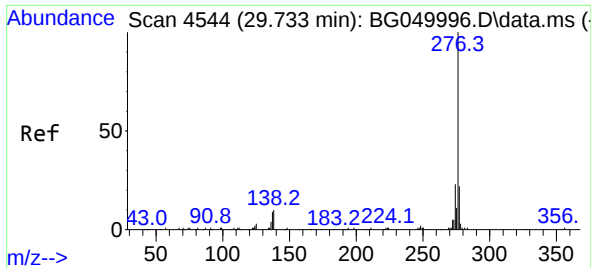
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#95
Dibenzo(a,h)anthracene
Concen: 47.164 ng/ul
RT: 28.657 min Scan# 4361
Delta R.T. 0.014 min
Lab File: BG050001.D
Acq: 27 Aug 2021 15:11

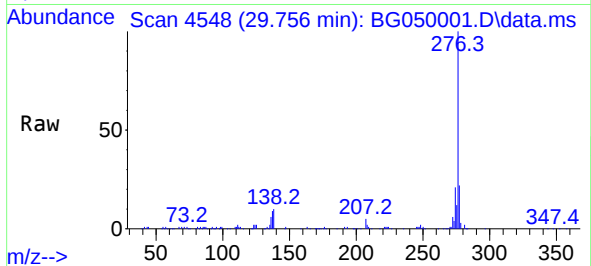
Tgt Ion:278 Resp: 298907
Ion Ratio Lower Upper
278 100
139 8.9 5.2 7.8#
279 22.0 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 46.447 ng/ul
 RT: 29.756 min Scan# 4548
 Delta R.T. 0.019 min
 Lab File: BG050001.D
 Acq: 27 Aug 2021 15:11

Instrument :
 BNA_G
 ClientSampleId :
 DBK77



Tgt Ion: 276 Resp: 295618
 Ion Ratio Lower Upper
 276 100
 138 9.8 8.6 13.0
 277 22.2 17.4 26.0

Manual Integrations
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