

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050719.D
 Acq On : 25 Oct 2021 20:49
 Operator : CG/JU
 Sample : M4294-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-ES

Manual Integrations
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 10/26/2021 11:32:01 AM

Quant Time: Oct 26 02:16:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	42265	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	177793	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	110095	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	228658	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	192210	20.000	ng	#-0.01
86) Perylene-d12	25.332	264	195117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	291087	103.000	ng	0.00
7) Phenol-d6	7.395	99	398590	97.415	ng	0.00
23) Nitrobenzene-d5	9.422	82	285400	66.450	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	104247	99.272	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	499431	68.274	ng	-0.01
79) Terphenyl-d14	20.203	244	678295	68.773	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.657	202	49588	3.348	ng	93
78) Pyrene	20.015	202	55661	4.082	ng	97
81) Benzo(a)anthracene	21.889	228	44966	3.536	ng	94
83) Chrysene	21.960	228	44893	3.753	ng	96
87) Indeno(1,2,3-cd)pyrene	29.257	276	50744	3.734	ng	# 92
88) Benzo(b)fluoranthene	24.234	252	80954	6.775	ng	# 88
89) Benzo(k)fluoranthene	24.304	252	32404m	2.756	ng	
90) Benzo(a)pyrene	25.168	252	67647	6.658	ng	# 90
92) Benzo(g,h,i)perylene	30.485	276	52343	4.755	ng	# 86

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

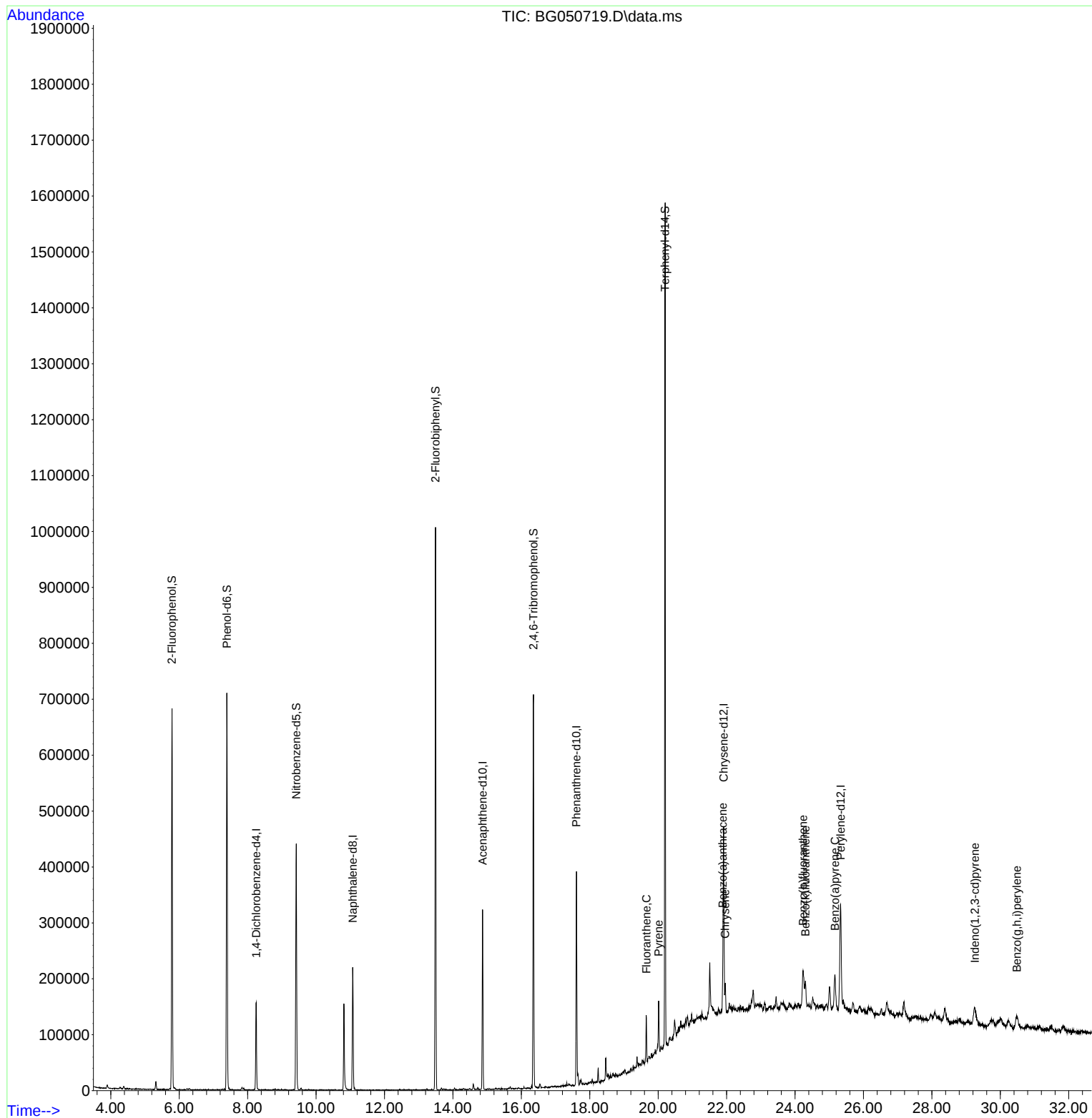
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Data File : BG050719.D
Acq On : 25 Oct 2021 20:49
Operator : CG/JU
Sample : M4294-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

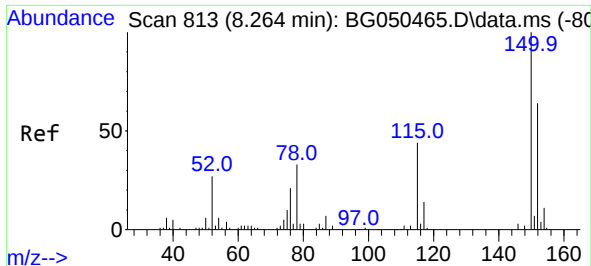
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Oct 26 02:16:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





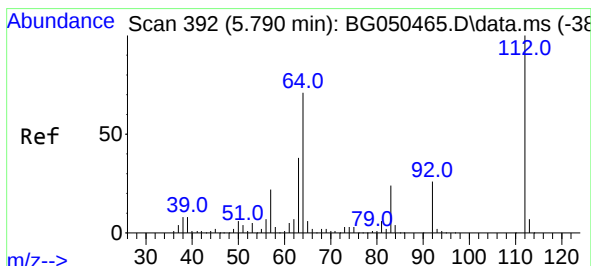
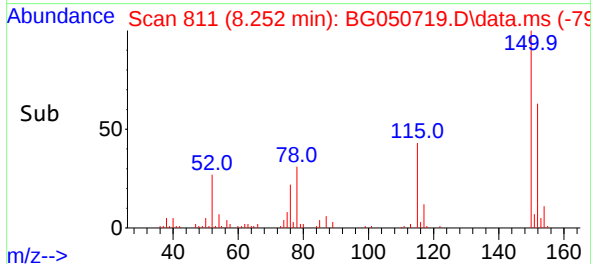
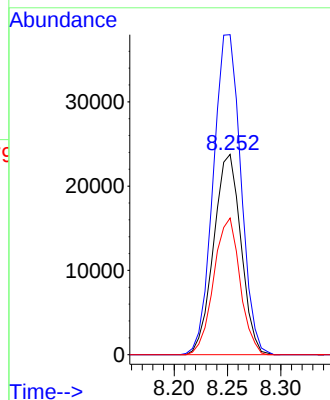
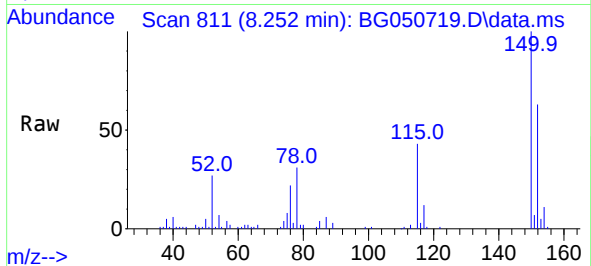
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:152 Resp: 42265
Ion Ratio Lower Upper
152 100
150 159.8 119.4 179.0
115 68.2 60.2 90.4

Instrument :
BNA_G
ClientSampled :
WC-2-ES

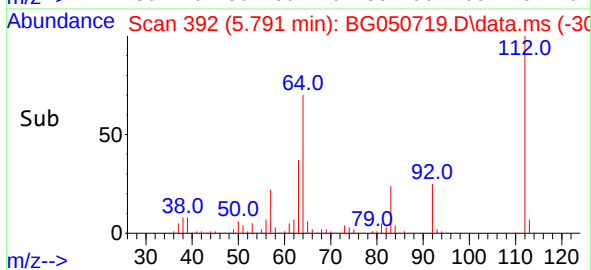
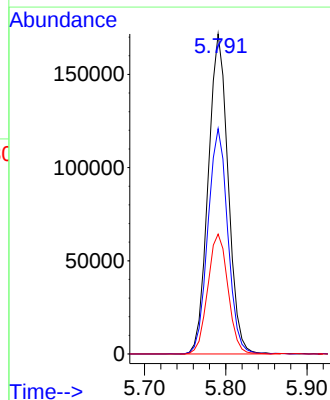
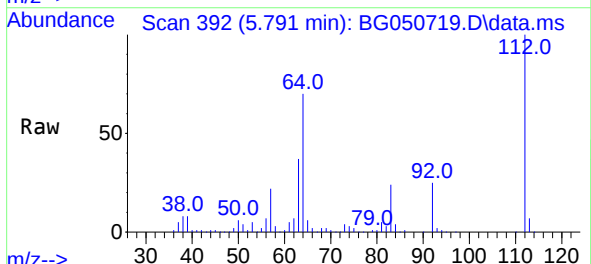
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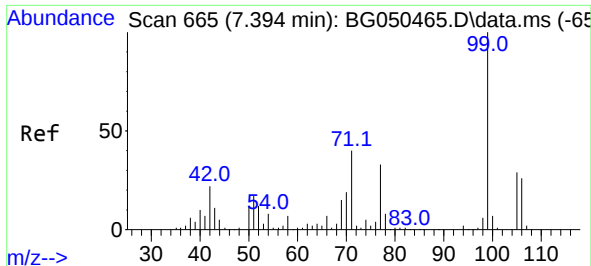
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#5
2-Fluorophenol
Concen: 103.000 ng
RT: 5.791 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:112 Resp: 291087
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 37.4 35.3 52.9





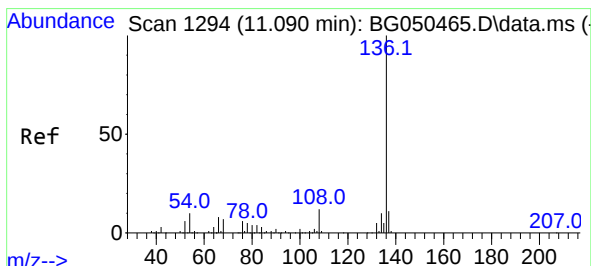
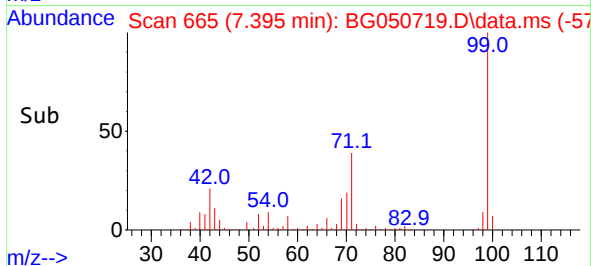
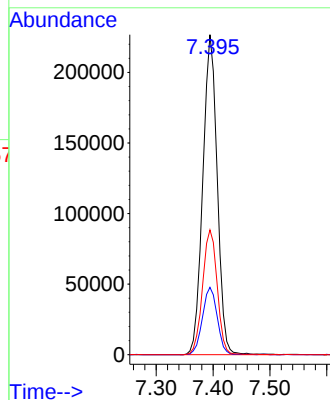
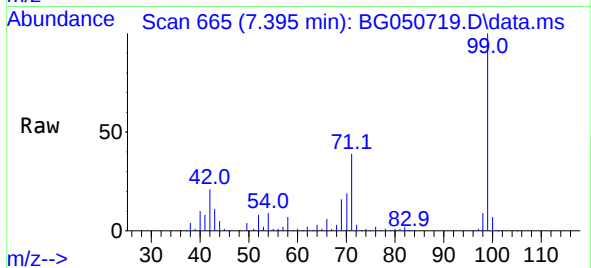
#7
Phenol-d6
Concen: 97.415 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion: 99 Resp: 398590
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 39.0 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
WC-2-ES

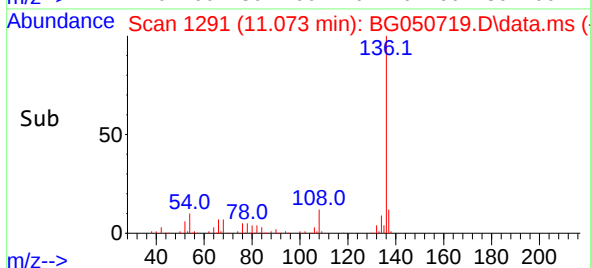
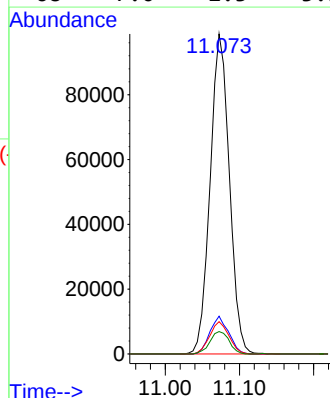
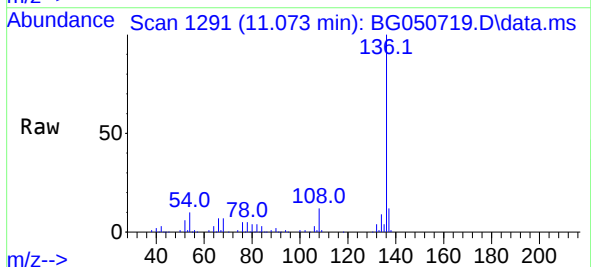
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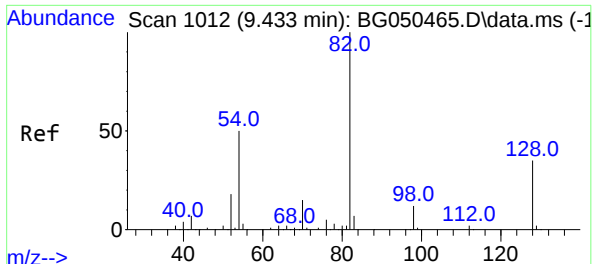
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

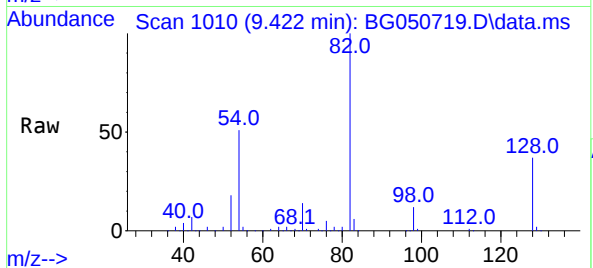
Tgt Ion: 136 Resp: 177793
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.1 5.5 8.3#
68 7.0 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 66.450 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

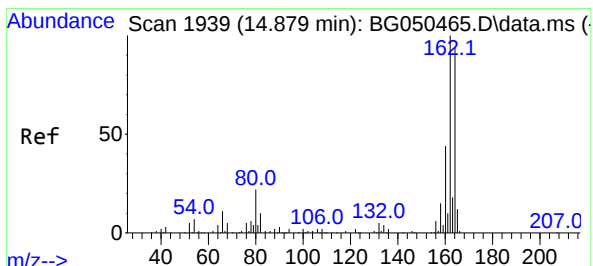
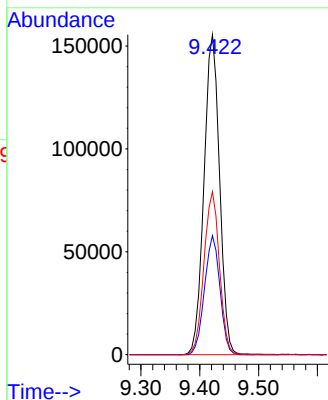
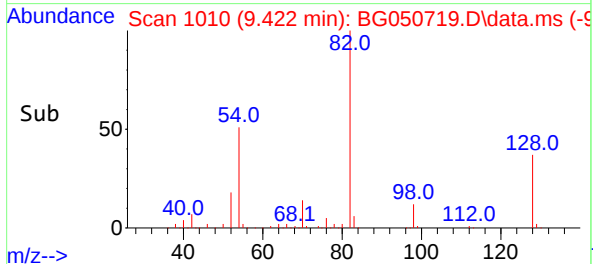
Instrument :
BNA_G
ClientSampled :
WC-2-ES



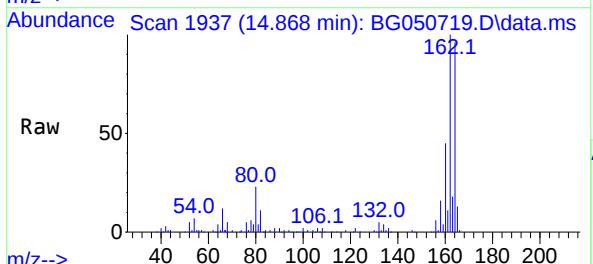
Tgt Ion: 82 Resp: 285400
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 51.0 45.8 68.8

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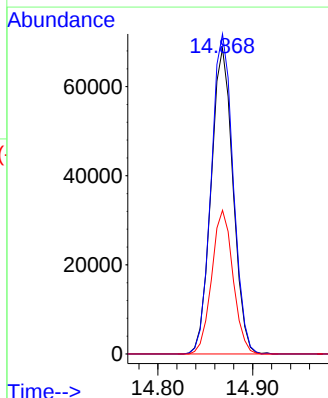
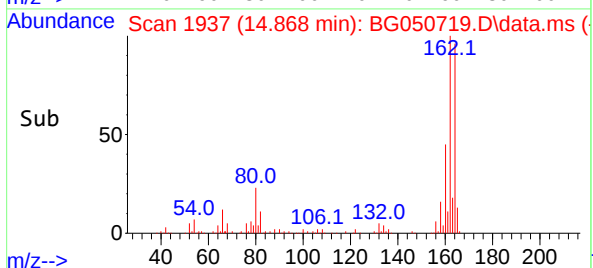
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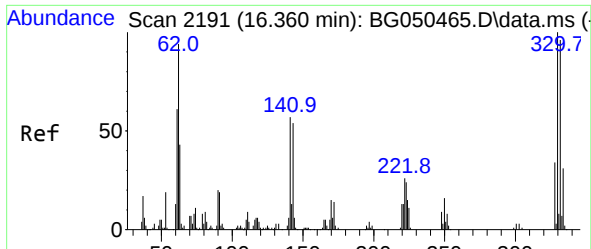


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49



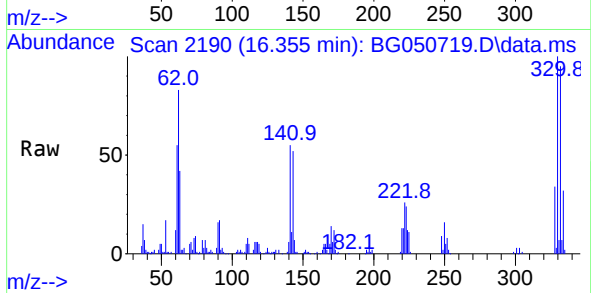
Tgt Ion: 164 Resp: 110095
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 47.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 99.272 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

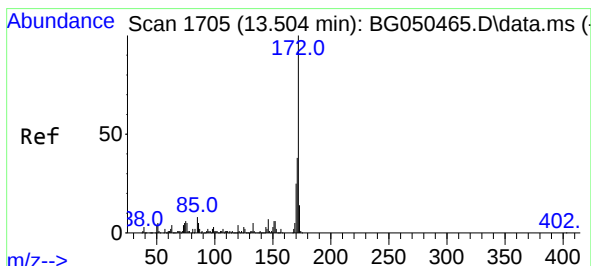
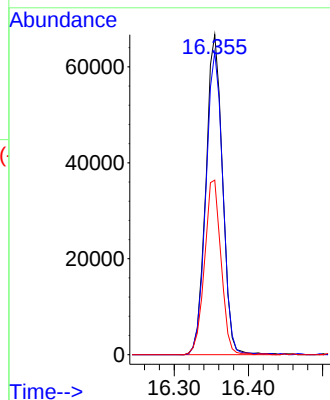
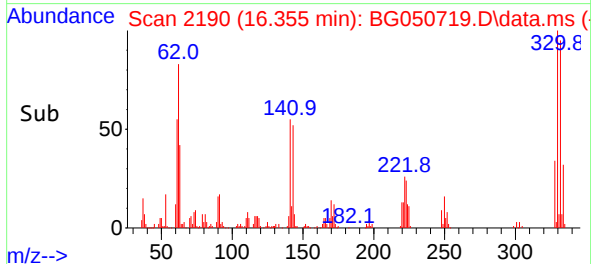
Instrument :
BNA_G
ClientSampled :
WC-2-ES



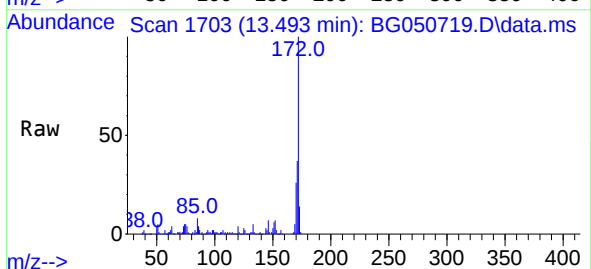
Tgt Ion:330 Resp: 104247
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 53.9 35.6 53.4#

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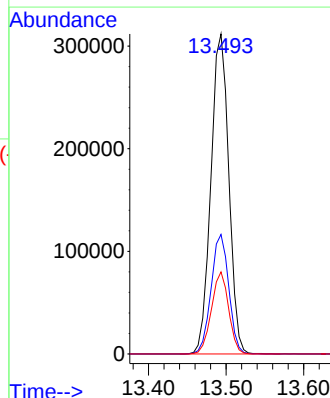
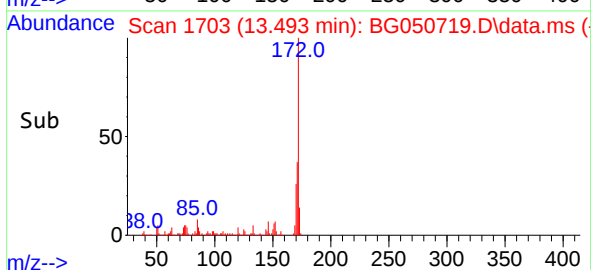
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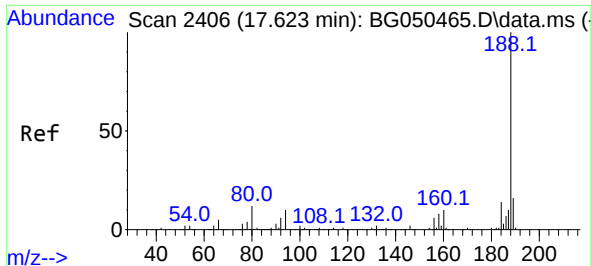


#45
2-Fluorobiphenyl
Concen: 68.274 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49



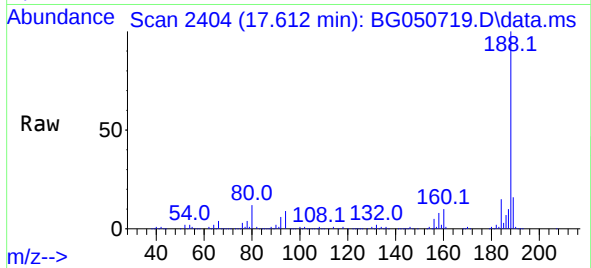
Tgt Ion:172 Resp: 499431
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

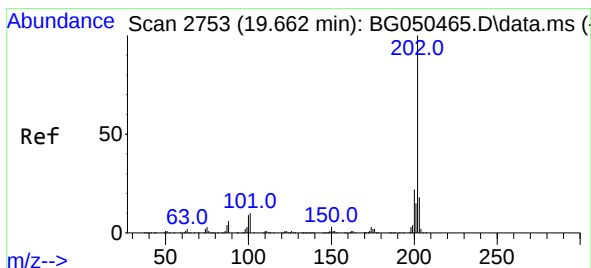
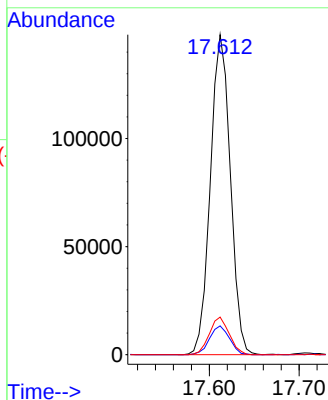
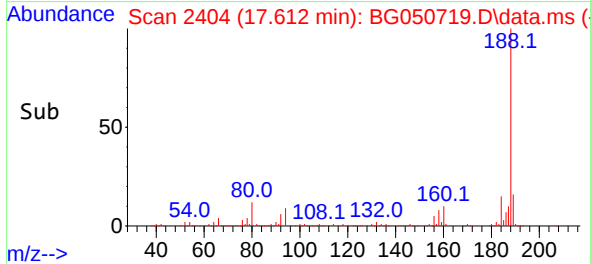
Instrument :
BNA_G
ClientSampleId :
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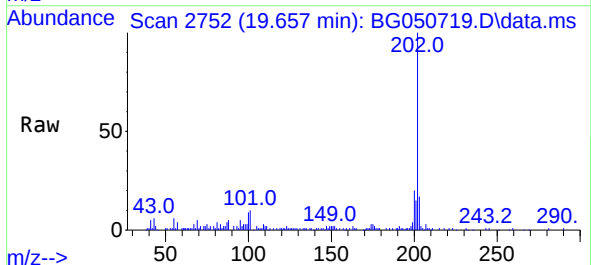
Tgt Ion:188 Resp: 228658
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 11.7 3.7 5.5#

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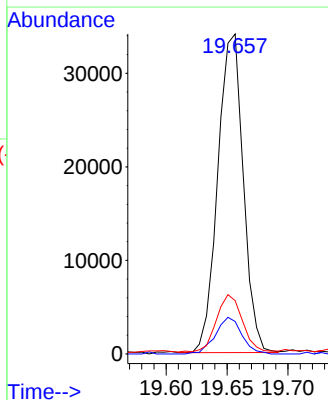
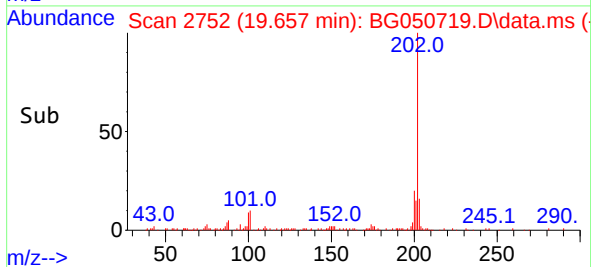
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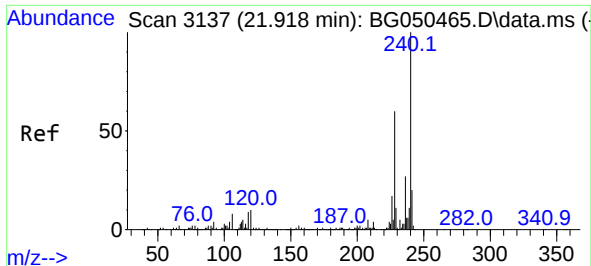


#75
Fluoranthene
Concen: 3.348 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49



Tgt Ion:202 Resp: 49588
Ion Ratio Lower Upper
202 100
101 10.1 0.0 24.7
203 16.6 0.0 38.5





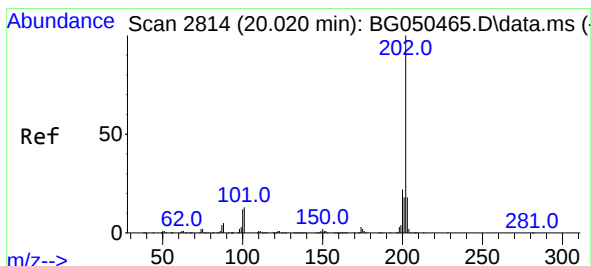
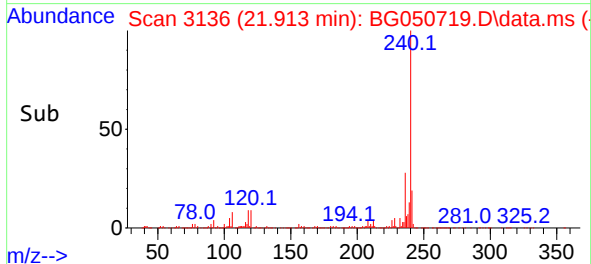
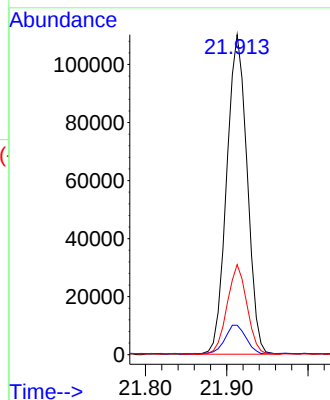
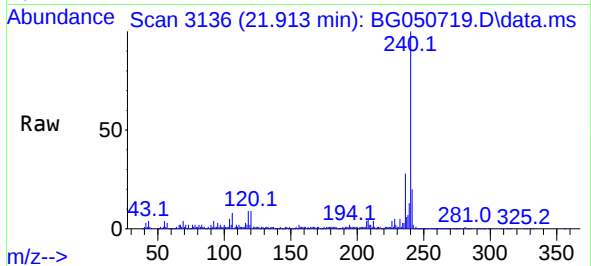
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:240 Resp: 192210
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 28.1 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
WC-2-ES

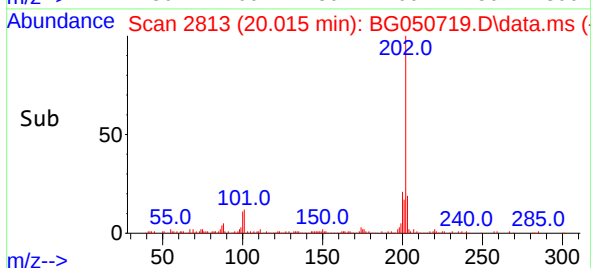
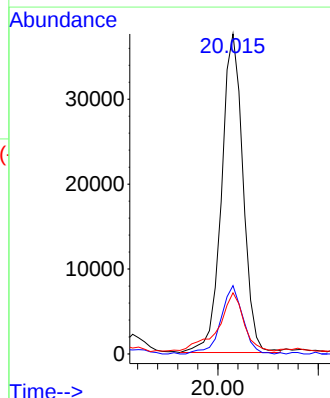
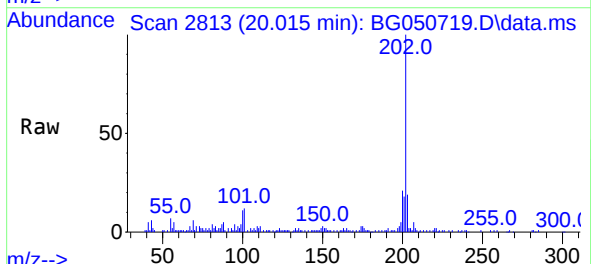
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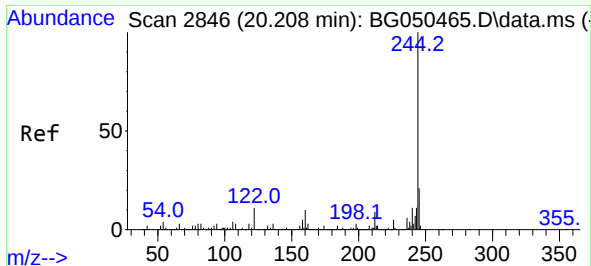
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#78
Pyrene
Concen: 4.082 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:202 Resp: 55661
Ion Ratio Lower Upper
202 100
200 21.4 15.8 23.8
203 19.1 14.6 21.8





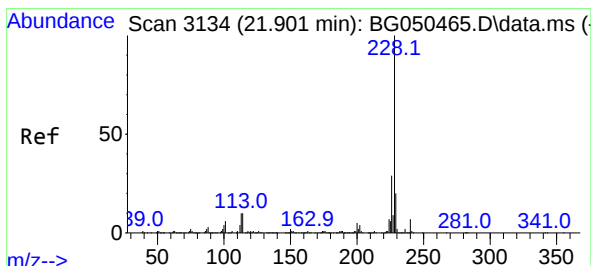
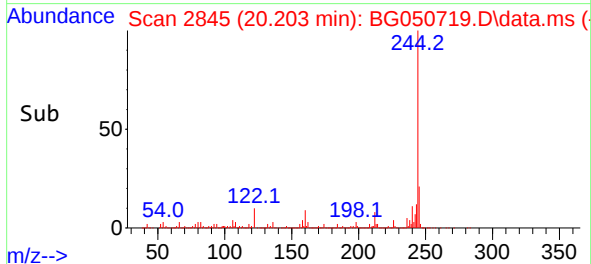
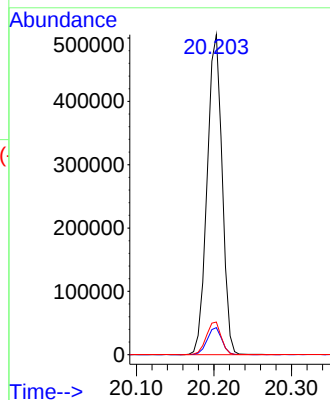
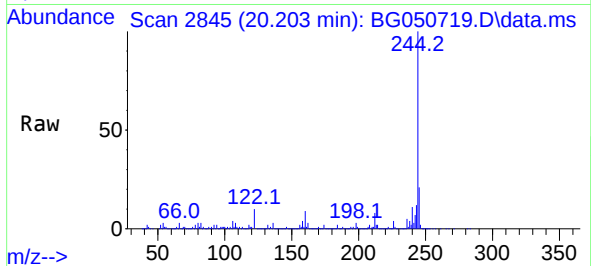
#79
Terphenyl-d14
Concen: 68.773 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:244 Resp: 678295
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.2 5.0 7.6#

Instrument :
BNA_G
ClientSampleId :
WC-2-ES

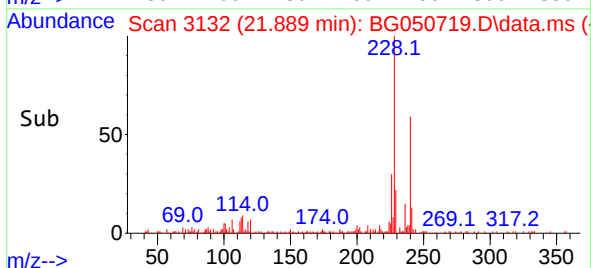
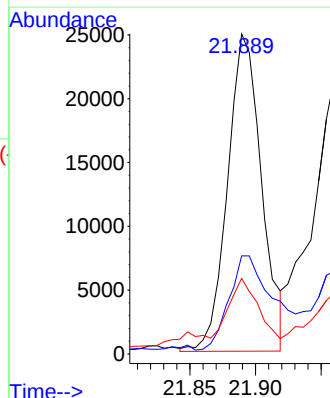
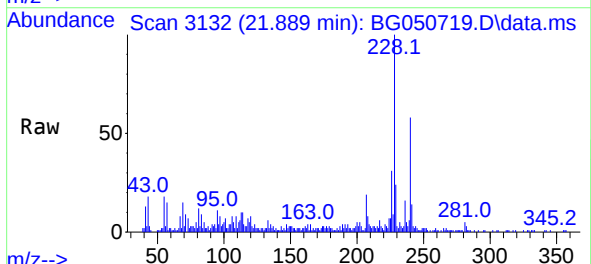
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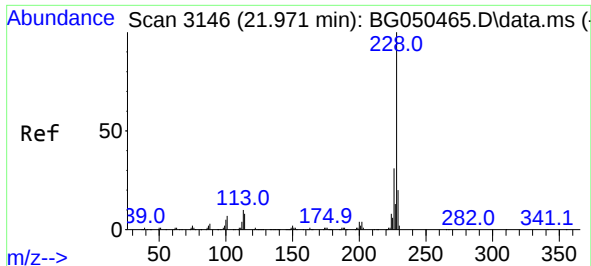
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#81
Benzo(a)anthracene
Concen: 3.536 ng
RT: 21.889 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:228 Resp: 44966
Ion Ratio Lower Upper
228 100
226 30.6 22.7 34.1
229 23.6 16.0 24.0





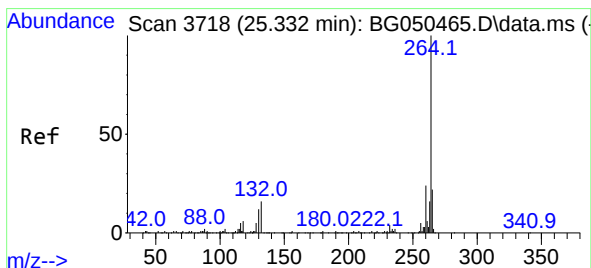
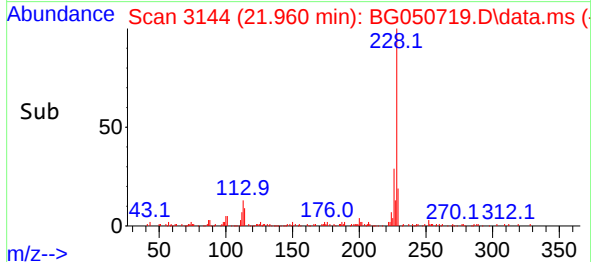
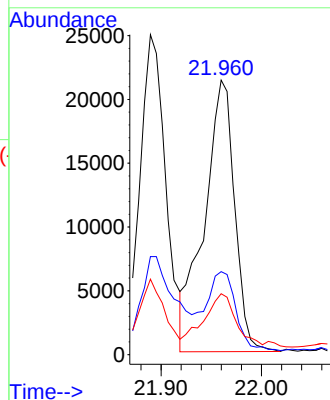
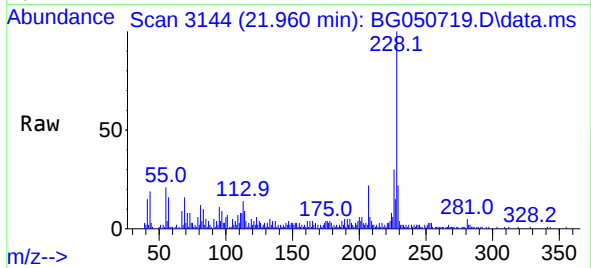
#83
Chrysene
Concen: 3.753 ng
RT: 21.960 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:	228	Resp:	44893
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.1	34.7
229	22.2	15.3	22.9

Instrument :
BNA_G
ClientSampled :
WC-2-ES

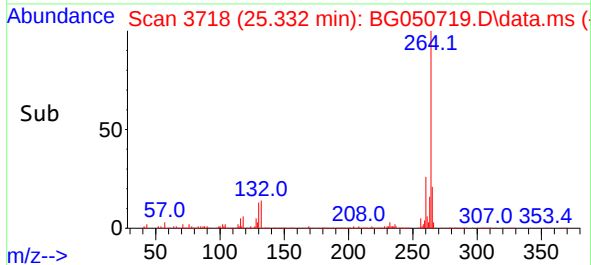
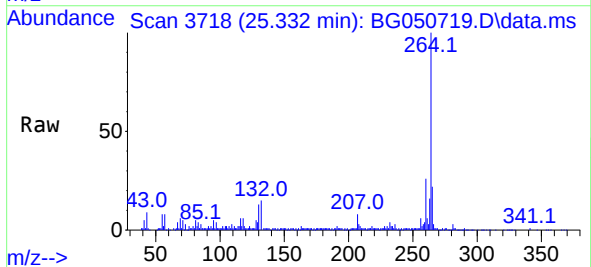
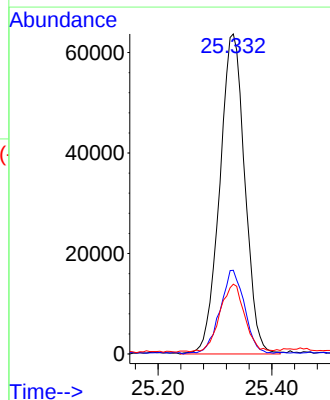
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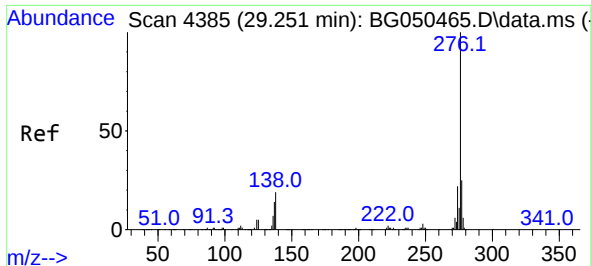
mohammad
10/26/2021 11:32:01 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 3718
Delta R.T. -0.000 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:	264	Resp:	195117
Ion Ratio	Lower	Upper	
264	100		
260	26.1	19.4	29.2
265	21.8	16.9	25.3





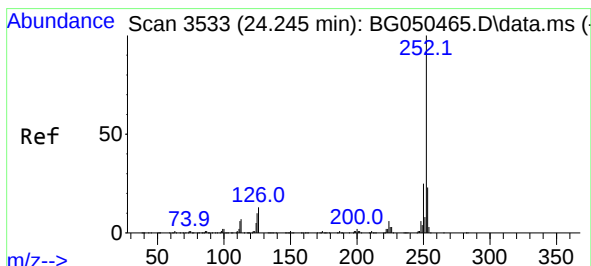
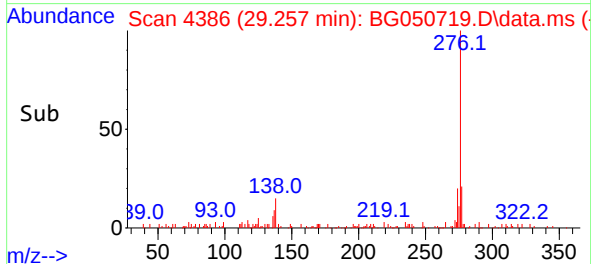
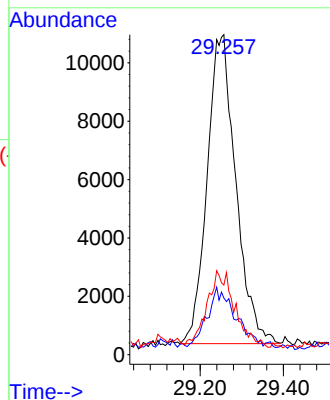
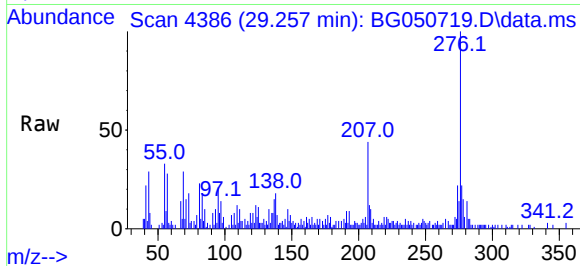
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.734 ng
RT: 29.257 min Scan# 4386
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion: 276 Resp: 50744
Ion Ratio Lower Upper
276 100
138 18.5 5.1 7.7#
277 24.1 19.8 29.6

Instrument :
BNA_G
ClientSampled :
WC-2-ES

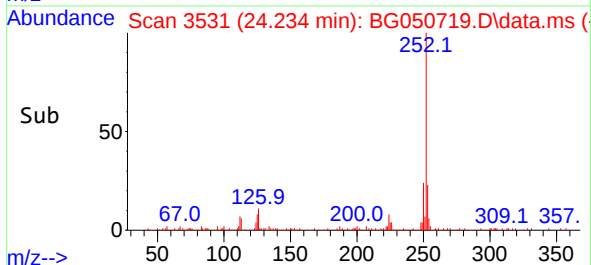
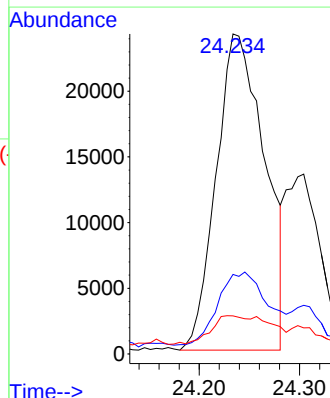
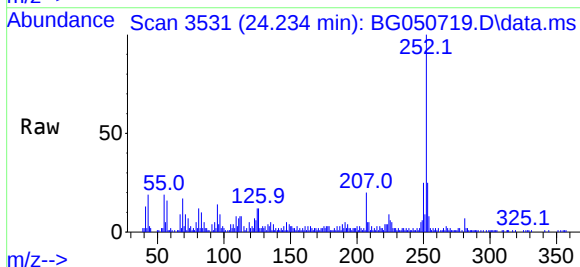
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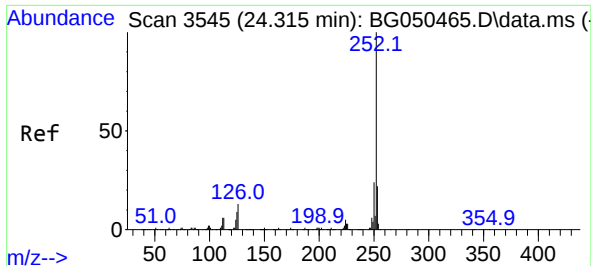
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.775 ng
RT: 24.234 min Scan# 3531
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion: 252 Resp: 80954
Ion Ratio Lower Upper
252 100
253 24.8 16.2 24.4#
125 11.9 3.0 4.4#





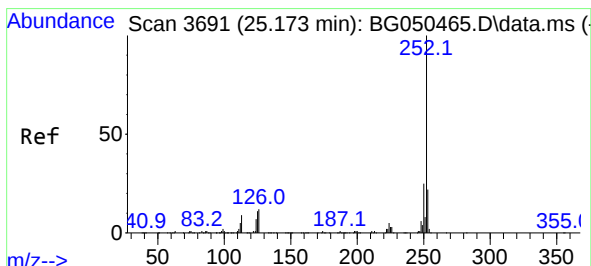
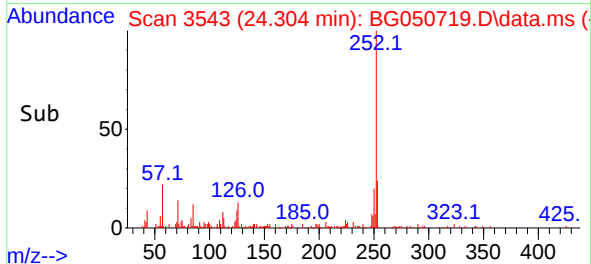
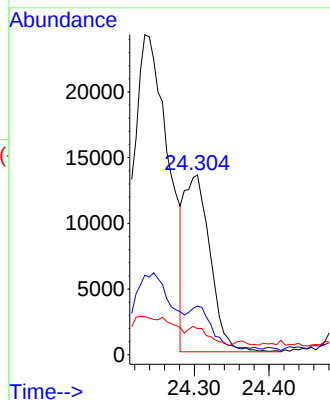
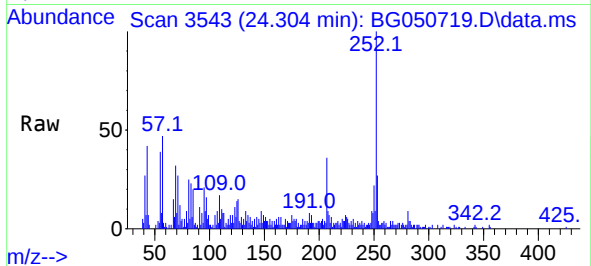
#89
Benzo(k)fluoranthene
Concen: 2.756 ng m
RT: 24.304 min Scan# 3543
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:252 Resp: 32404
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 14.5 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
WC-2-ES

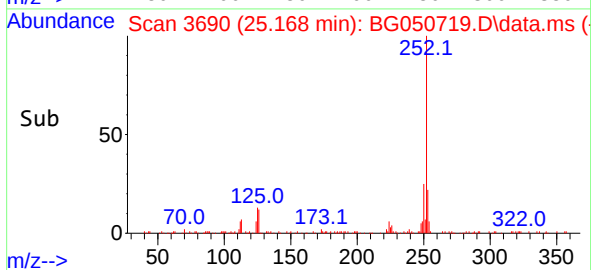
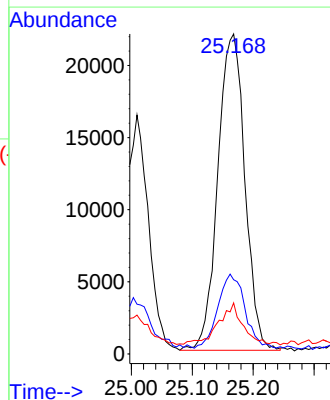
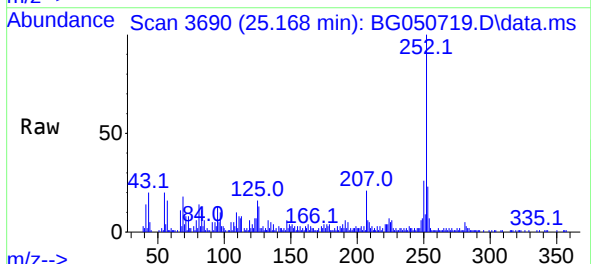
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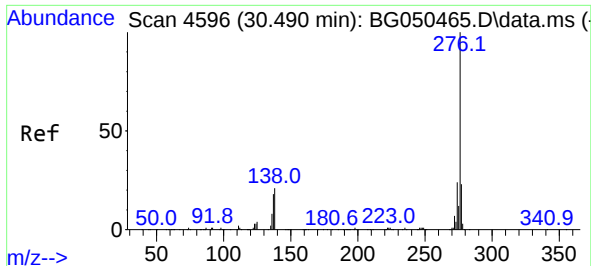
mohammad
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#90
Benzo(a)pyrene
Concen: 6.658 ng
RT: 25.168 min Scan# 3690
Delta R.T. -0.006 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion:252 Resp: 67647
Ion Ratio Lower Upper
252 100
253 23.2 16.6 25.0
125 16.0 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 4.755 ng
RT: 30.485 min Scan# 4595
Delta R.T. -0.012 min
Lab File: BG050719.D
Acq: 25 Oct 2021 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	22.7	7.0	10.6

Instrument :
BNA_G
ClientSampleId :
WC-2-ES

Manual Integrations
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