

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050543.D
 Acq On : 11 Oct 2021 20:10
 Operator : CG/JU
 Sample : M4077-15DL 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EJ-2DL

Manual Integrations
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Quant Time: Oct 12 04:49:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	58112	20.00	ng	0.00
21) Naphthalene-d8	11.084	136	252497	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	167679	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	342079	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	281253	20.00	ng	# 0.00
86) Perylene-d12	25.338	264	285653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	6859	1.77	ng	0.00
7) Phenol-d6	7.395	99	9593	1.71	ng	0.00
23) Nitrobenzene-d5	9.427	82	7462	1.22	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	1987	1.24	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	14819	1.33	ng	0.00
79) Terphenyl-d14	20.203	244	20724	1.44	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.659	178	163576	9.07	ng	96
73) Carbazole	18.017	167	67123	3.76	ng	99
75) Fluoranthene	19.663	202	861501	38.88	ng	95
78) Pyrene	20.027	202	831779	41.68	ng	96
81) Benzo(a)anthracene	21.901	228	404606	21.74	ng	98
83) Chrysene	21.972	228	388386m	22.19	ng	
87) Indeno(1,2,3-cd)pyrene	29.263	276	190244	9.56	ng	# 93
88) Benzo(b)fluoranthene	24.245	252	413627	23.64	ng	# 92
89) Benzo(k)fluoranthene	24.316	252	150826m	8.76	ng	
90) Benzo(a)pyrene	25.174	252	301662	20.28	ng	# 95
91) Dibenzo(a,h)anthracene	29.298	278	47278	2.87	ng	# 84
92) Benzo(g,h,i)perylene	30.485	276	175763	10.91	ng	# 91

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

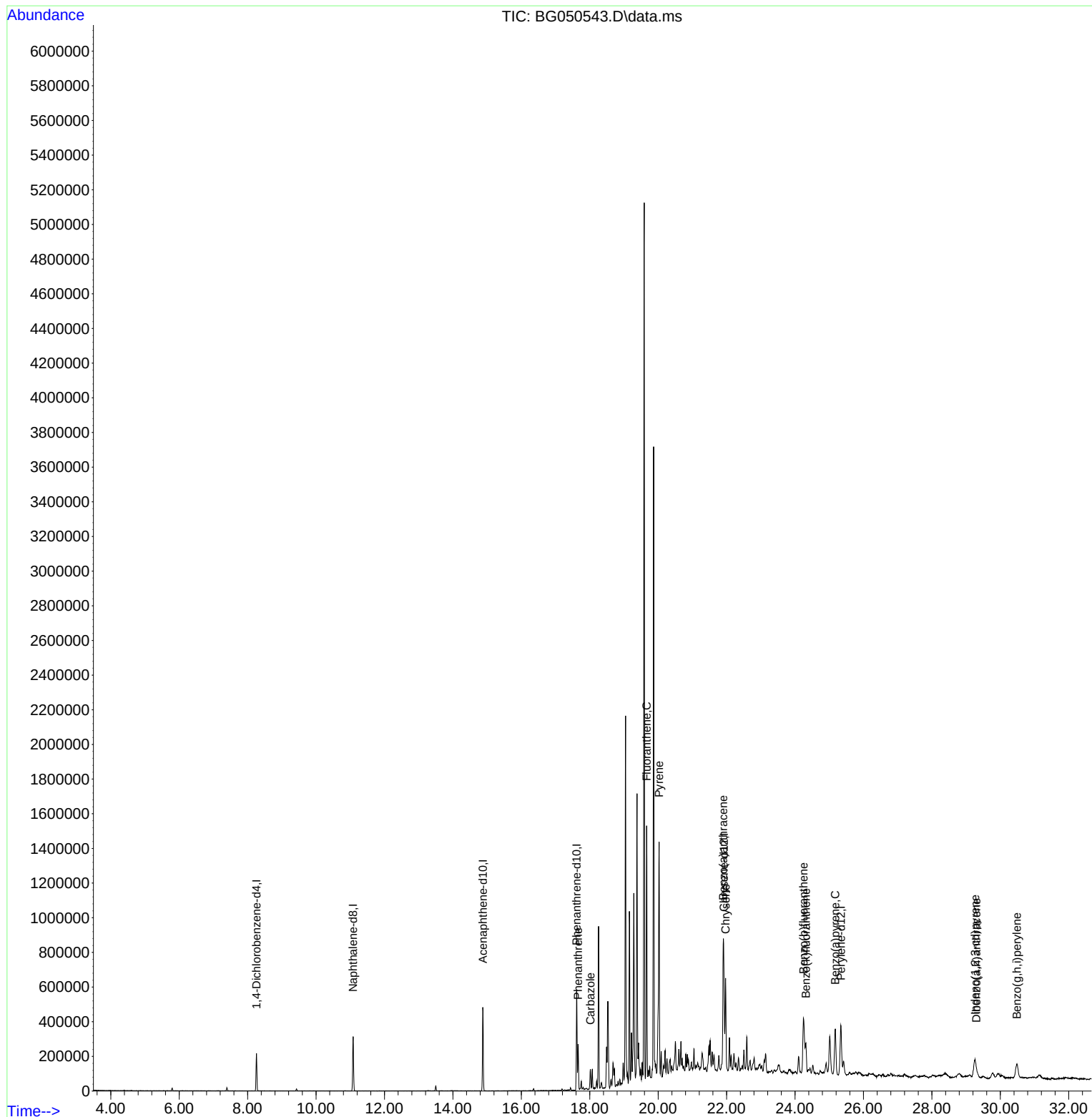
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050543.D
Acq On : 11 Oct 2021 20:10
Operator : CG/JU
Sample : M4077-15DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

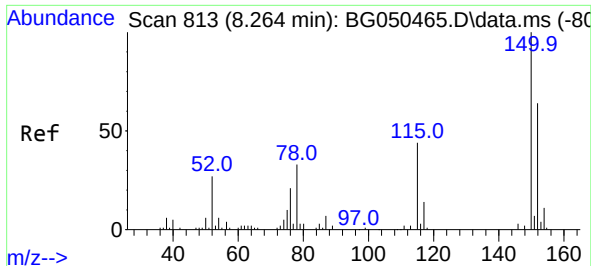
Instrument :
BNA_G
ClientSampleId :
EJ-2DL

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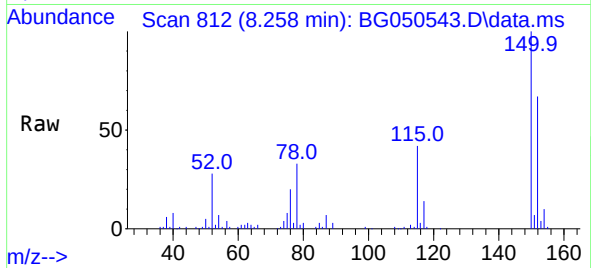
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Quant Time: Oct 12 04:49:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

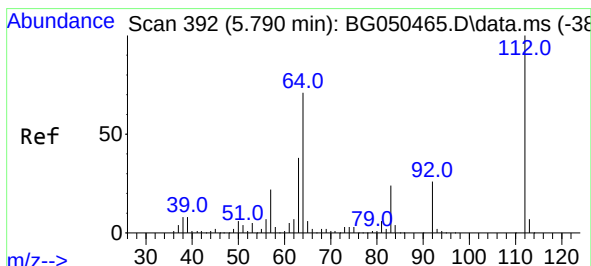
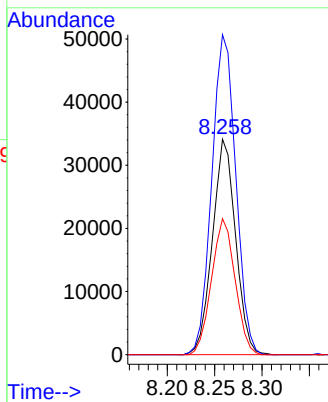
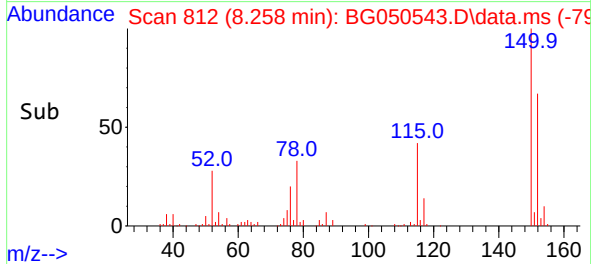




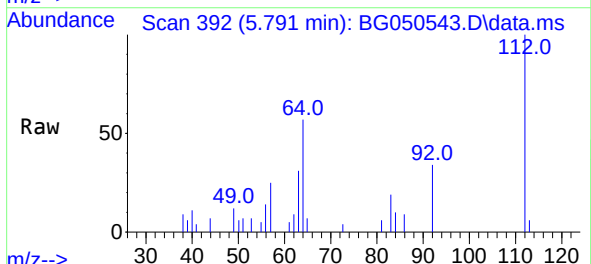
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



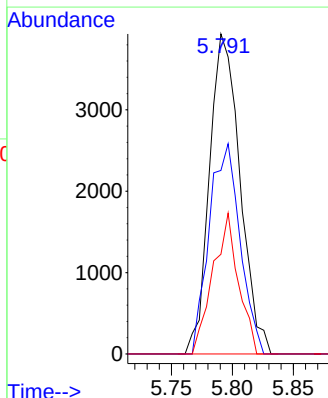
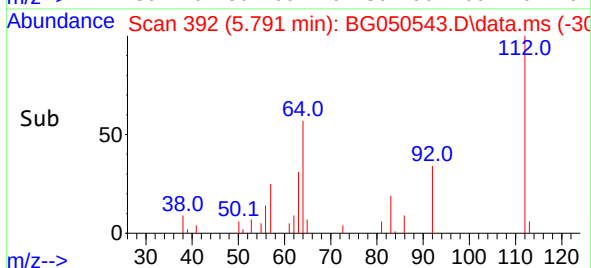
Tgt Ion:152 Resp: 58112
Ion Ratio Lower Upper
152 100
150 148.5 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 1.77 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



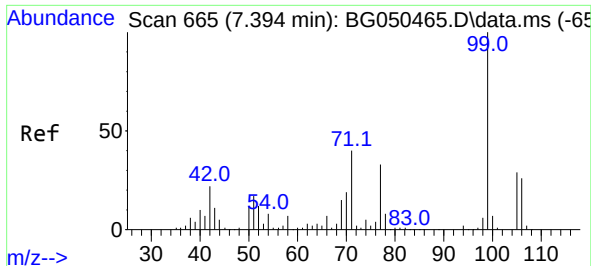
Tgt Ion:112 Resp: 6859
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 31.2 35.3 52.9#



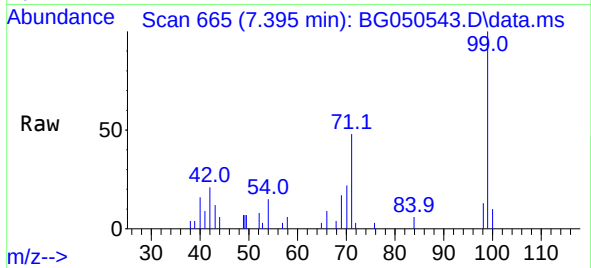
Instrument :
BNA_G
ClientSampled :
EJ-2DL

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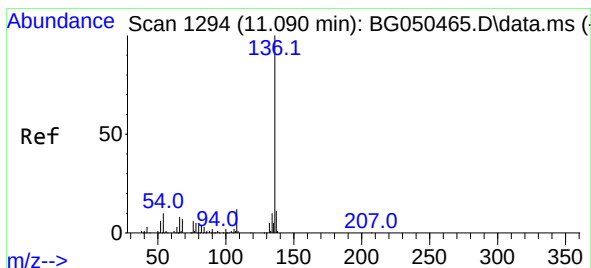
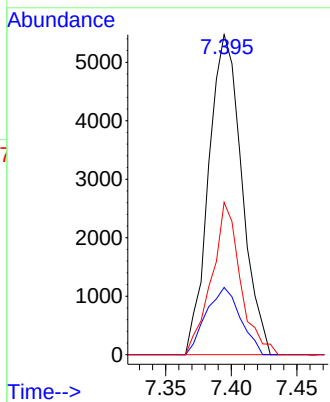
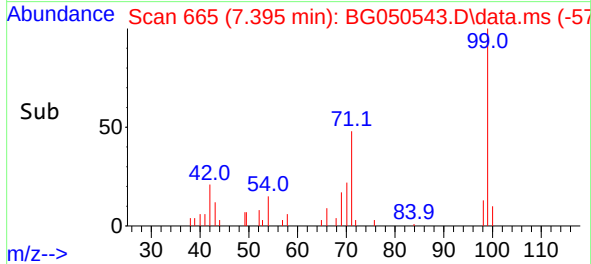
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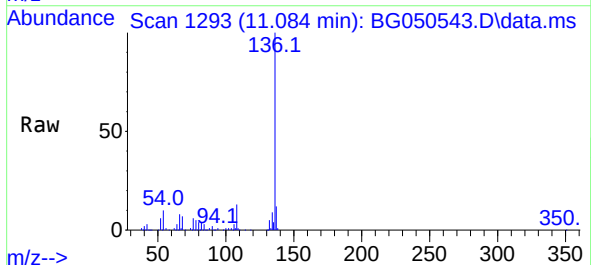
#7
Phenol-d6
Concen: 1.71 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



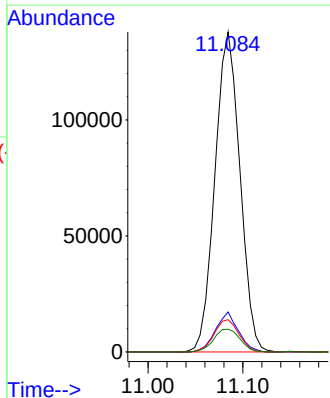
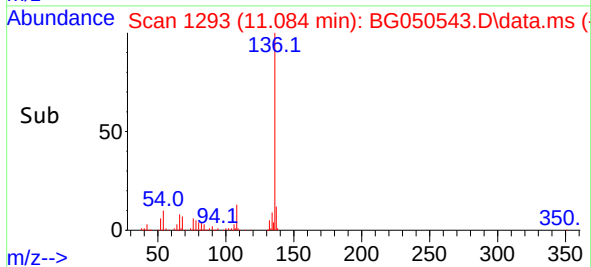
Tgt Ion: 99 Resp: 9593
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 47.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



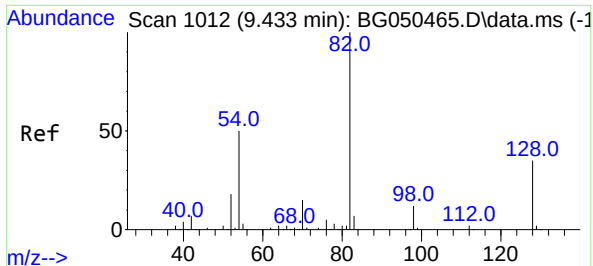
Tgt Ion: 136 Resp: 252497
Ion Ratio Lower Upper
136 100
137 12.5 8.2 12.2#
54 10.1 5.5 8.3#
68 7.1 2.3 3.5#



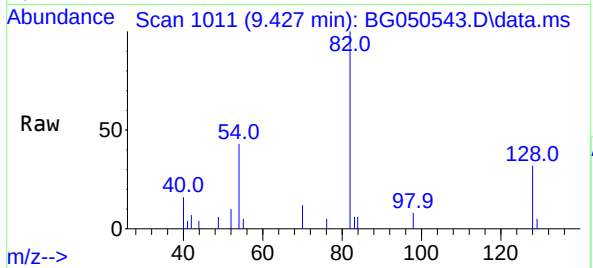
Instrument :
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ClientSampled :
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#23
Nitrobenzene-d5
Concen: 1.22 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

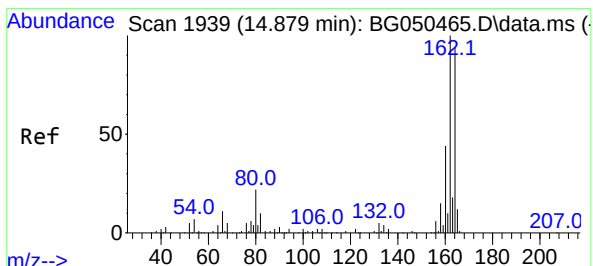
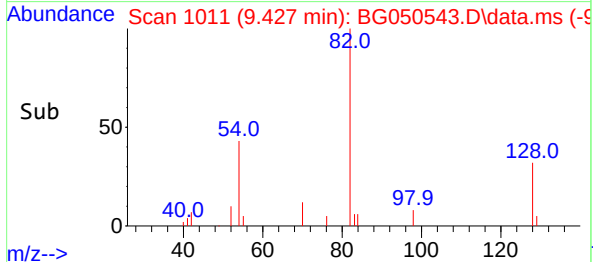
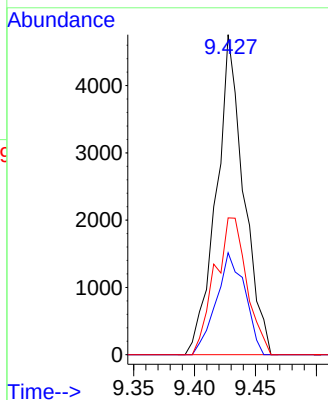


Tgt Ion:	82	Resp:	7462
Ion	Ratio	Lower	Upper
82	100		
128	31.8	29.8	44.6
54	42.8	45.8	68.8#

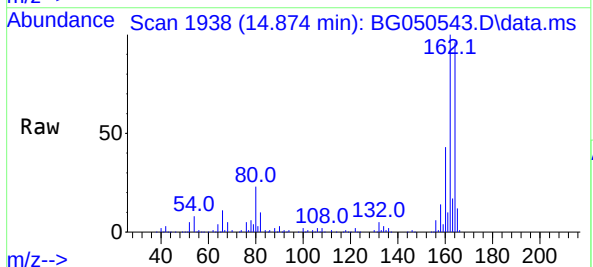
Instrument :
BNA_G
ClientSampleId :
EJ-2DL

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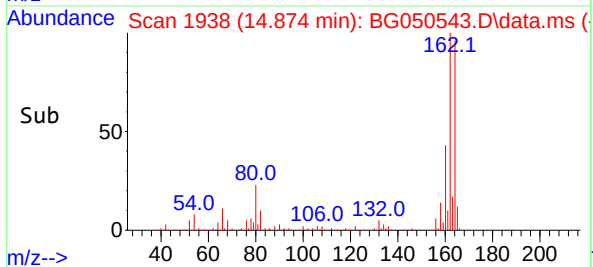
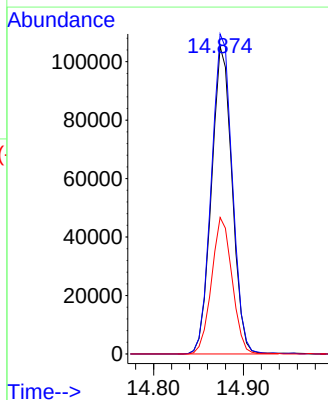
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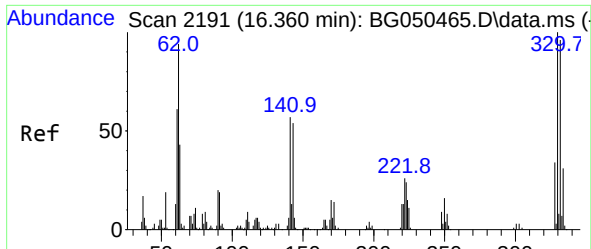


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

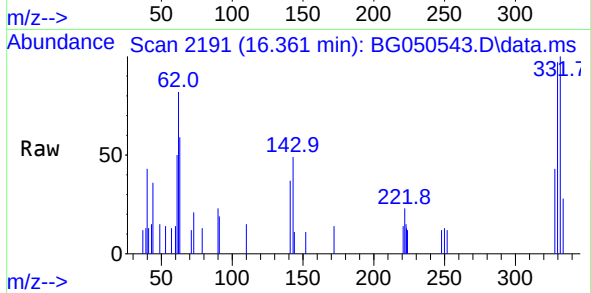


Tgt Ion:	164	Resp:	167679
Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	44.4	34.9	52.3

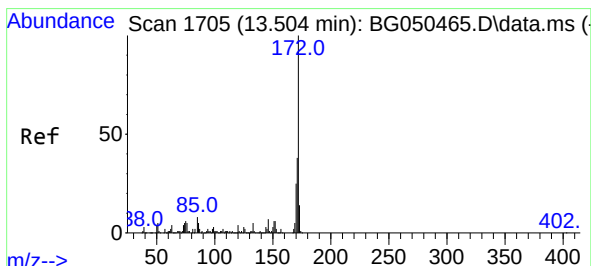
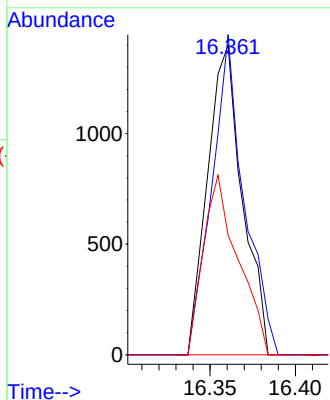
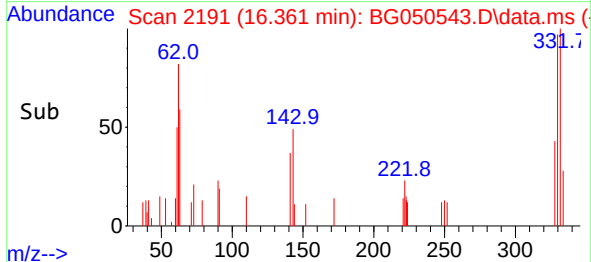




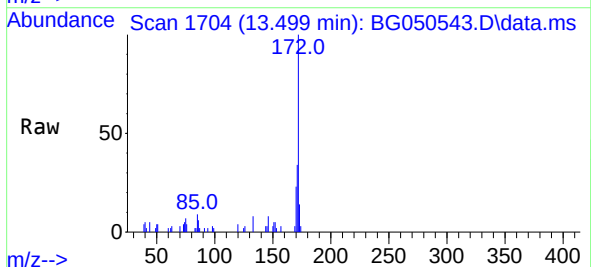
#42
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



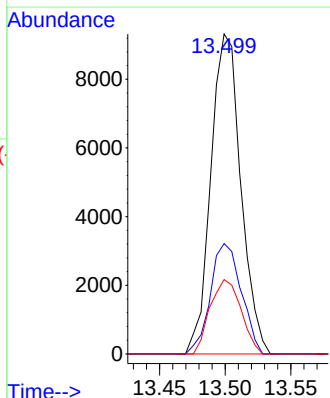
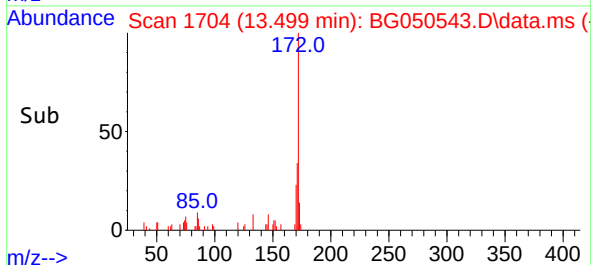
Tgt Ion:330 Resp: 1987
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 57.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 1.33 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



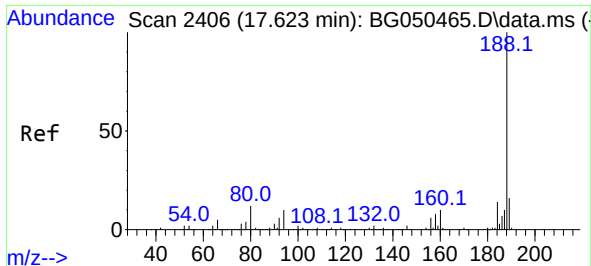
Tgt Ion:172 Resp: 14819
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.2 18.6 27.8



Instrument :
BNA_G
ClientSampleId :
EJ-2DL

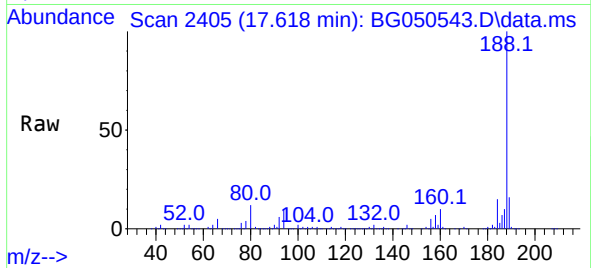
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

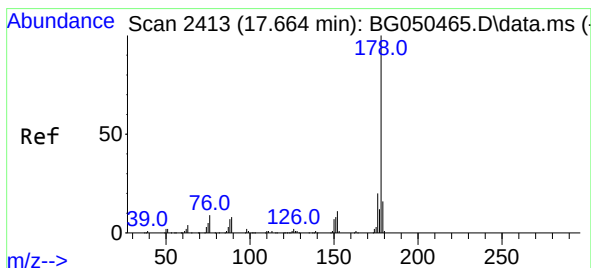
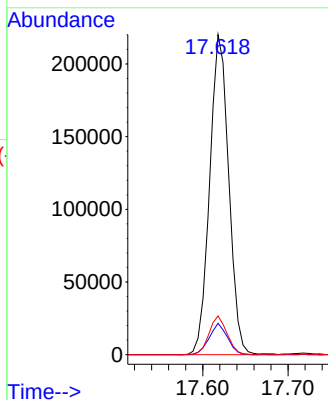
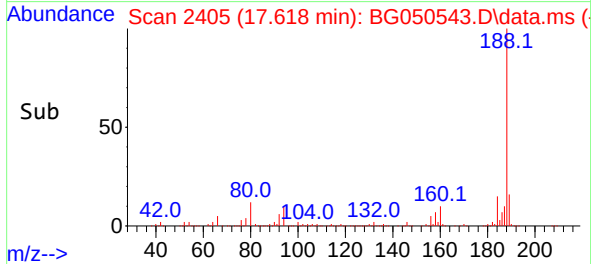
Instrument :
BNA_G
ClientSampled :
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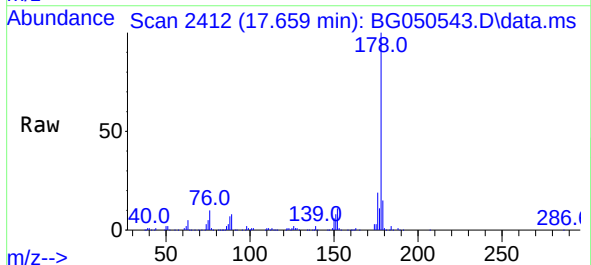
Tgt Ion:188 Resp: 342079
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 12.1 3.7 5.5#

Manual Integrations
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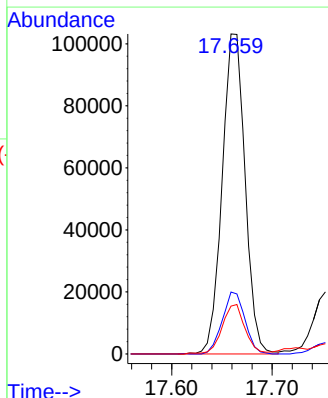
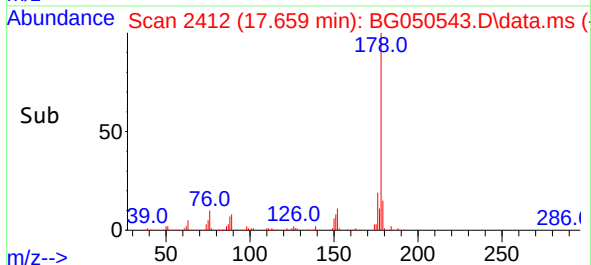
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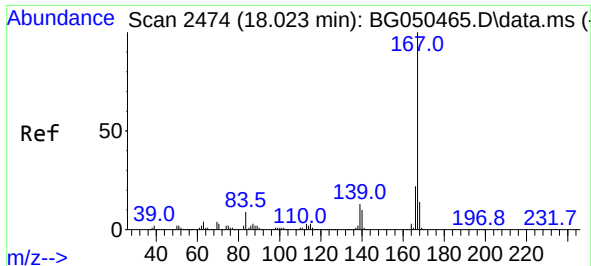


#71
Phenanthrene
Concen: 9.07 ng
RT: 17.659 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



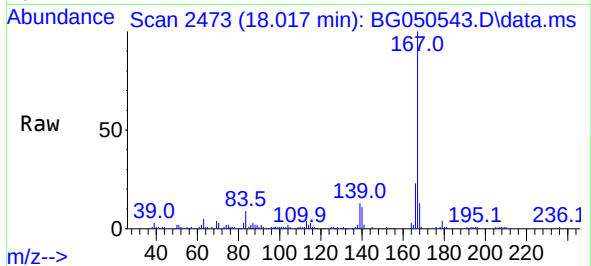
Tgt Ion:178 Resp: 163576
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.0 14.2 21.4





#73
 Carbazole
 Concen: 3.76 ng
 RT: 18.017 min Scan# 2473
 Delta R.T. -0.005 min
 Lab File: BG050543.D
 Acq: 11 Oct 2021 20:10

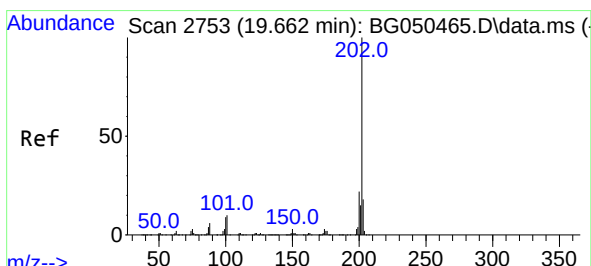
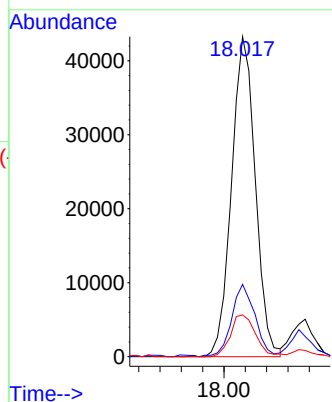
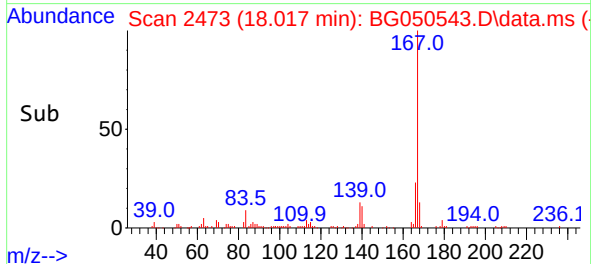
Instrument :
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 EJ-2DL



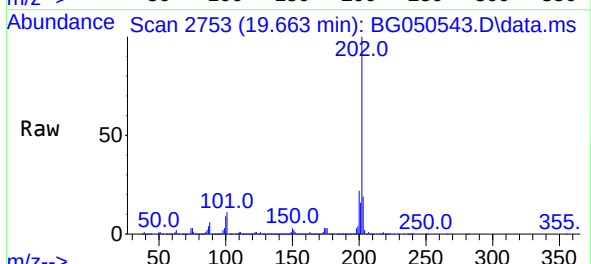
Tgt Ion:167 Resp: 67123
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 13.1 10.7 16.1

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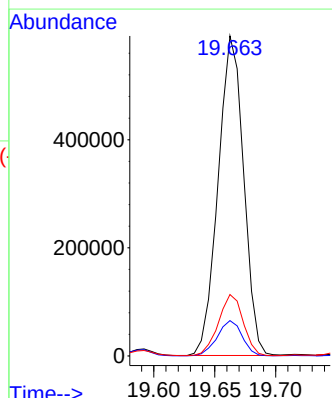
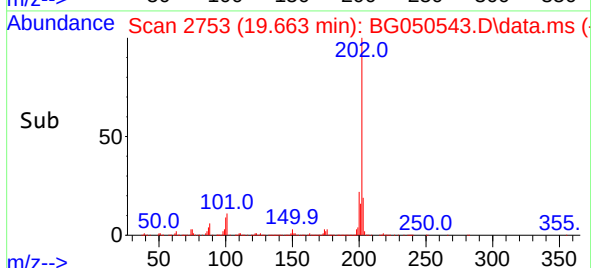
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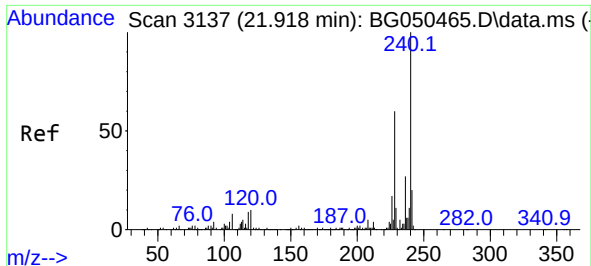


#75
 Fluoranthene
 Concen: 38.88 ng
 RT: 19.663 min Scan# 2753
 Delta R.T. 0.001 min
 Lab File: BG050543.D
 Acq: 11 Oct 2021 20:10



Tgt Ion:202 Resp: 861501
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 24.7
 203 19.2 0.0 38.5





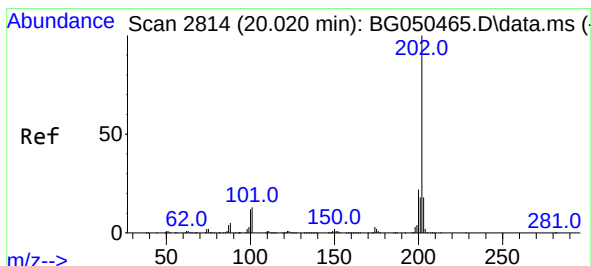
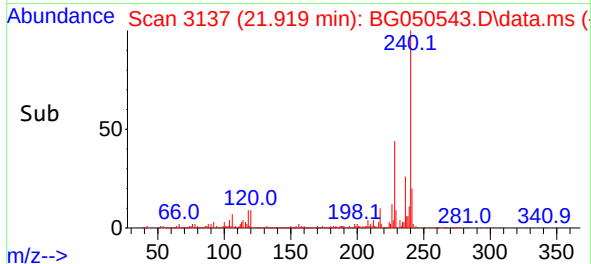
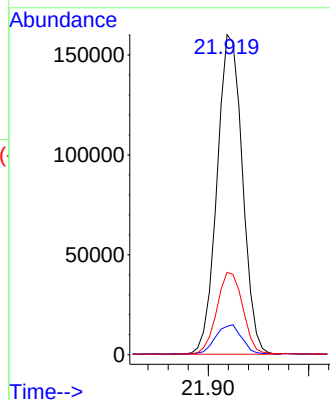
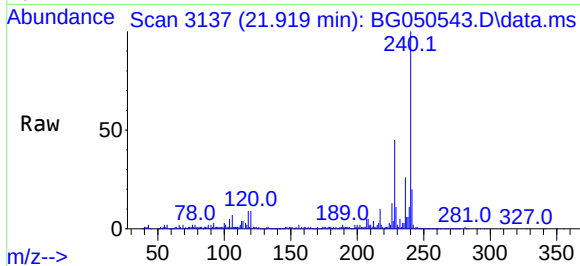
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:240 Resp: 281253
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 25.8 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
EJ-2DL

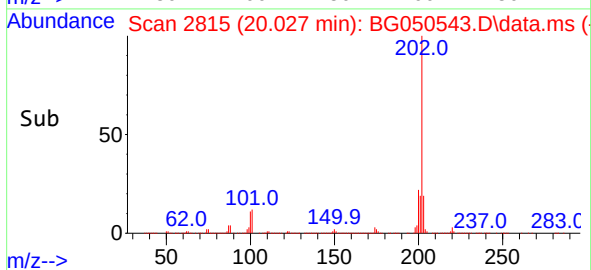
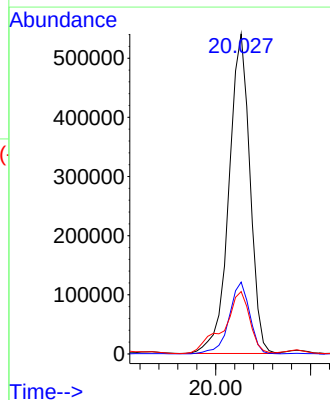
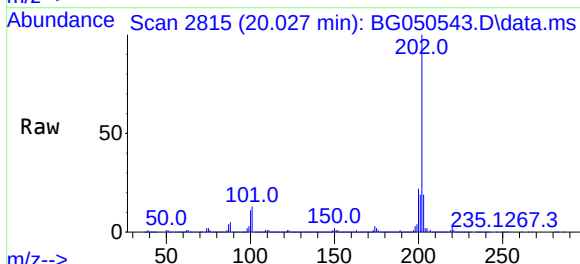
Manual Integrations
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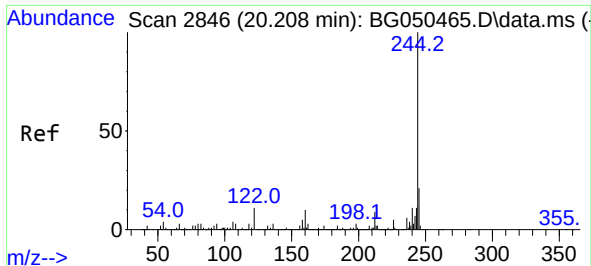
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#78
Pyrene
Concen: 41.68 ng
RT: 20.027 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:202 Resp: 831779
Ion Ratio Lower Upper
202 100
200 22.4 15.8 23.8
203 19.5 14.6 21.8





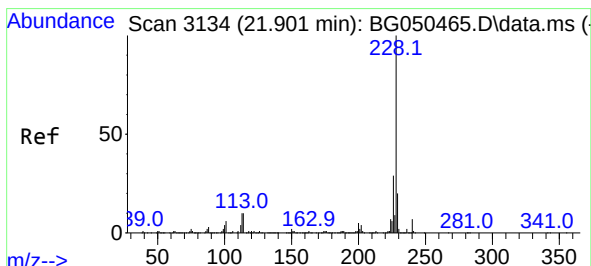
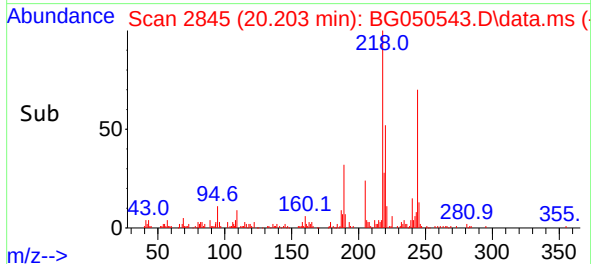
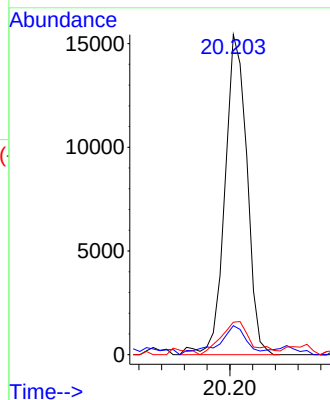
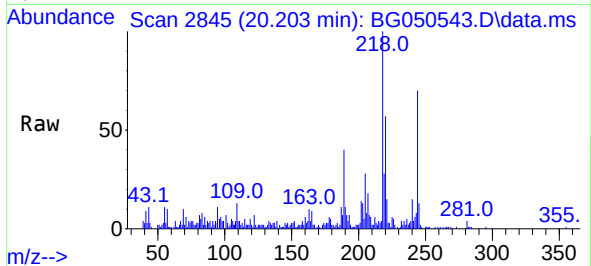
#79
Terphenyl-d14
Concen: 1.44 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:244 Resp: 20724
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 10.2 5.0 7.6#

Instrument :
BNA_G
ClientSampleId :
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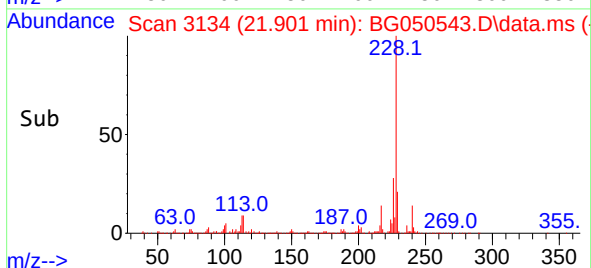
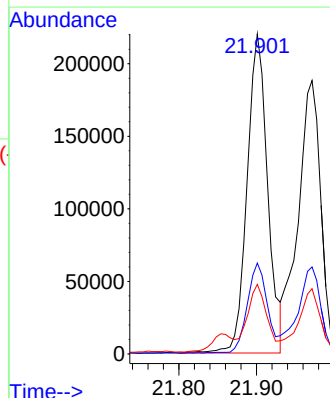
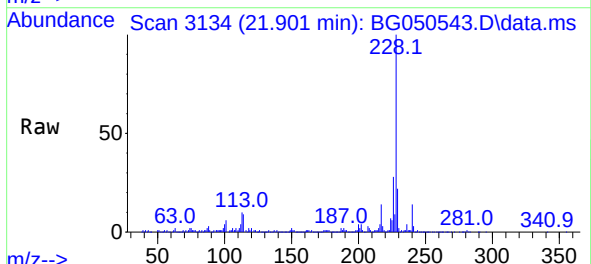
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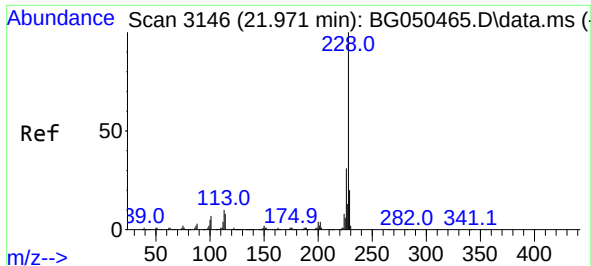
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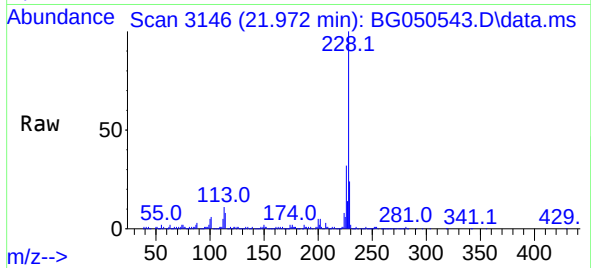
#81
Benzo(a)anthracene
Concen: 21.74 ng
RT: 21.901 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:228 Resp: 404606
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.8 16.0 24.0

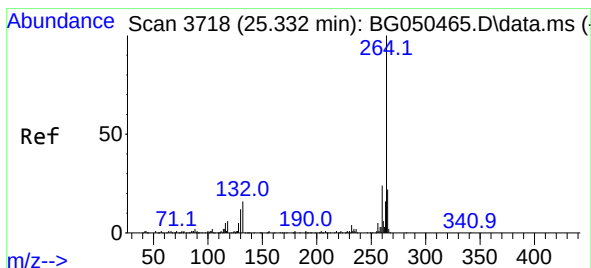
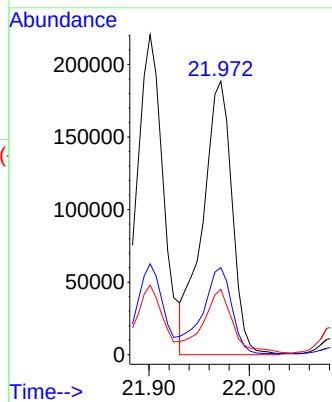
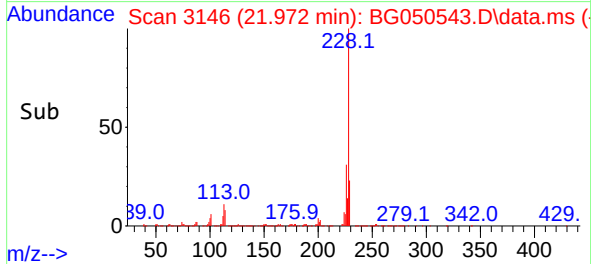




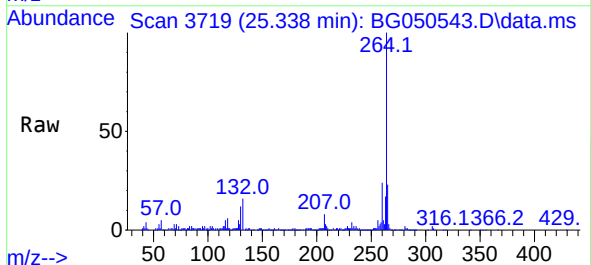
#83
Chrysene
Concen: 22.19 ng m
RT: 21.972 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



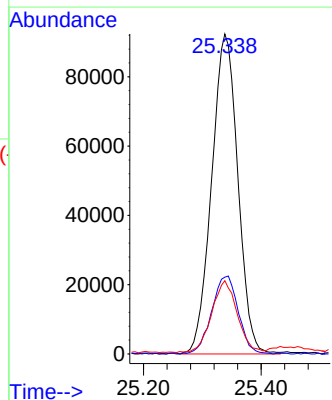
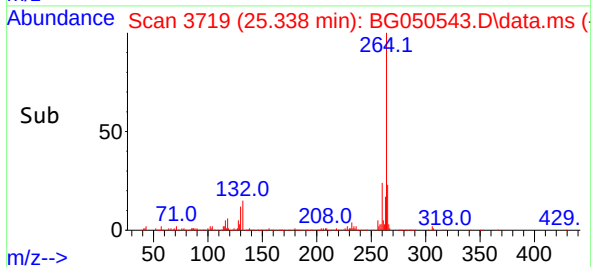
Tgt Ion:228 Resp: 388386
Ion Ratio Lower Upper
228 100
226 31.8 23.1 34.7
229 23.9 15.3 22.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.338 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10



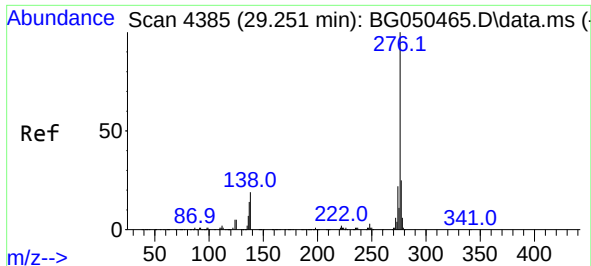
Tgt Ion:264 Resp: 285653
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.9 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
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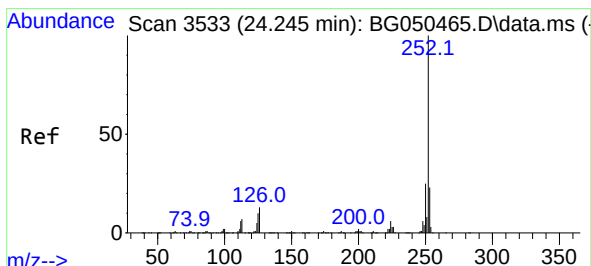
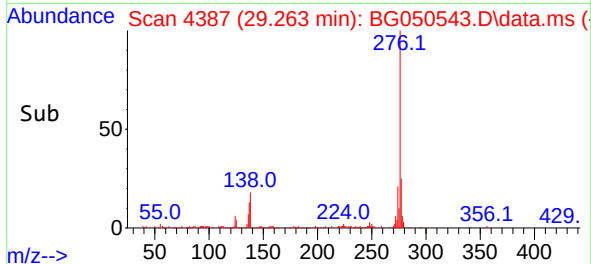
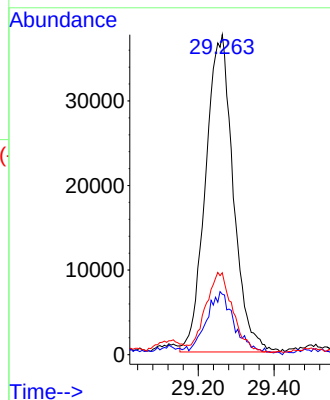
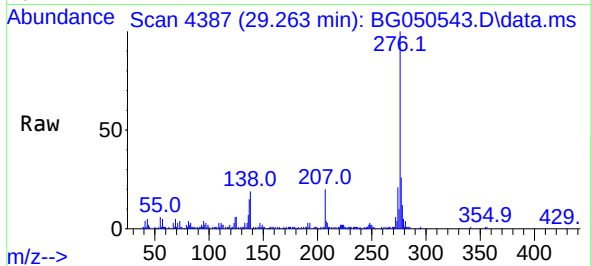
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.56 ng
 RT: 29.263 min Scan# 4387
 Delta R.T. 0.012 min
 Lab File: BG050543.D
 Acq: 11 Oct 2021 20:10

Tgt Ion: 276 Resp: 190244
 Ion Ratio Lower Upper
 276 100
 138 18.0 5.1 7.7#
 277 24.9 19.8 29.6

Instrument :
 BNA_G
 ClientSampled :
 EJ-2DL

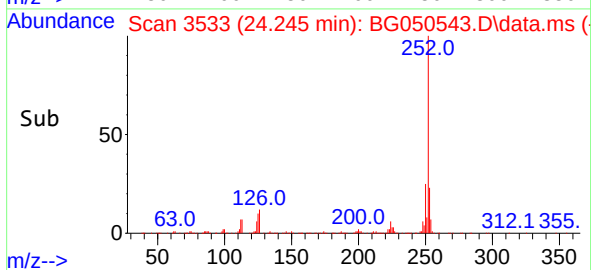
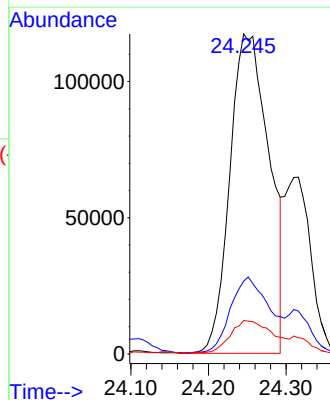
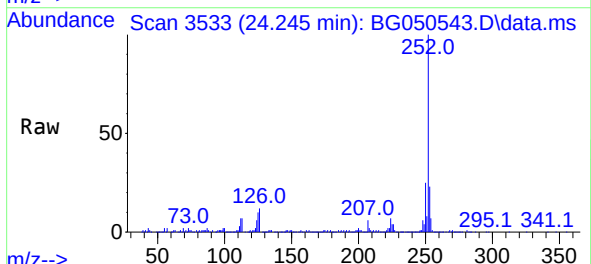
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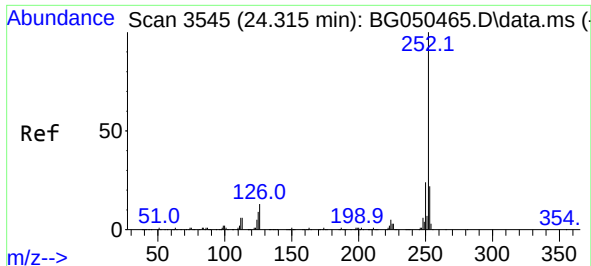
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#88
 Benzo(b)fluoranthene
 Concen: 23.64 ng
 RT: 24.245 min Scan# 3533
 Delta R.T. 0.001 min
 Lab File: BG050543.D
 Acq: 11 Oct 2021 20:10

Tgt Ion: 252 Resp: 413627
 Ion Ratio Lower Upper
 252 100
 253 22.8 16.2 24.4
 125 10.4 3.0 4.4#





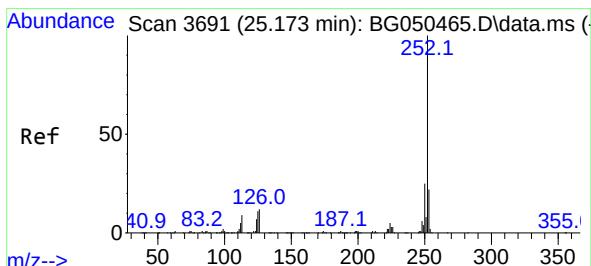
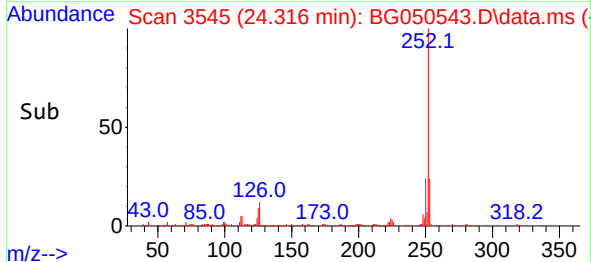
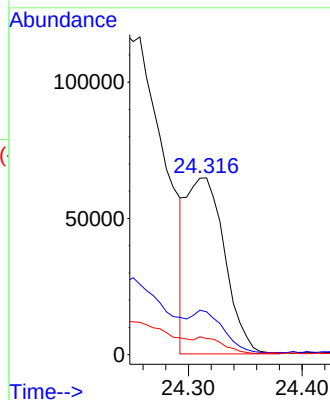
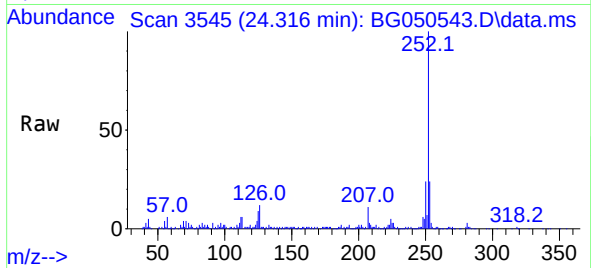
#89
Benzo(k)fluoranthene
Concen: 8.76 ng m
RT: 24.316 min Scan# 3545
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:252 Resp: 150826
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 9.1 3.1 4.7#

Instrument :
BNA_G
ClientSampled :
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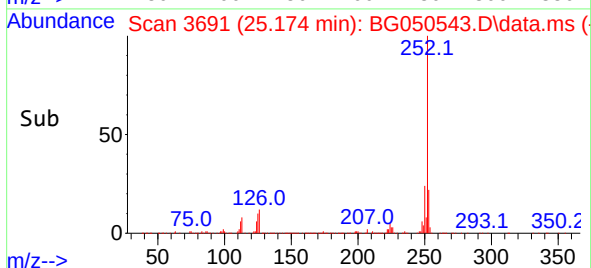
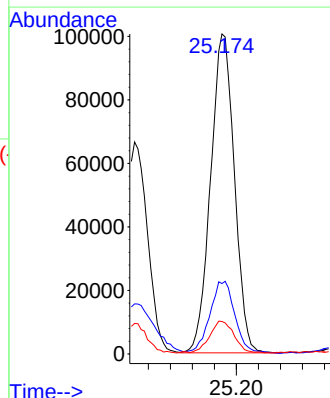
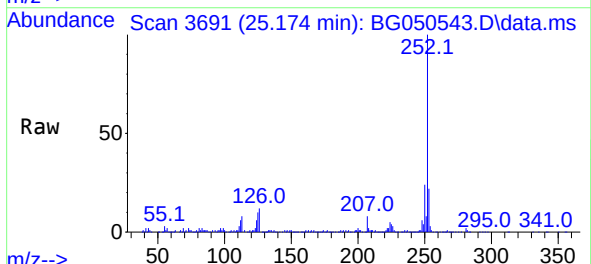
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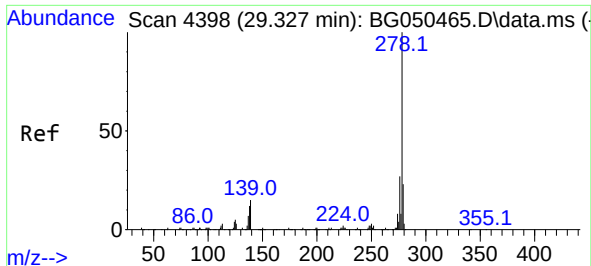
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#90
Benzo(a)pyrene
Concen: 20.28 ng
RT: 25.174 min Scan# 3691
Delta R.T. 0.001 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:252 Resp: 301662
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 10.2 3.5 5.3#





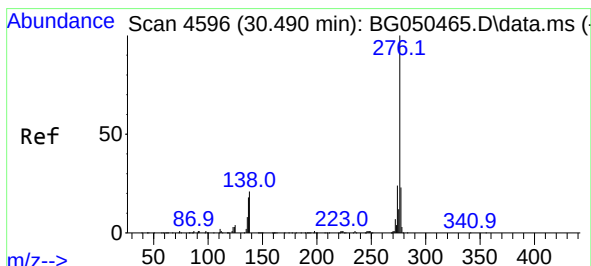
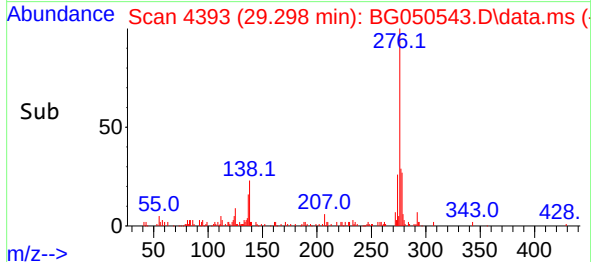
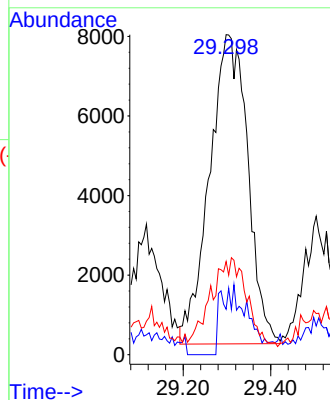
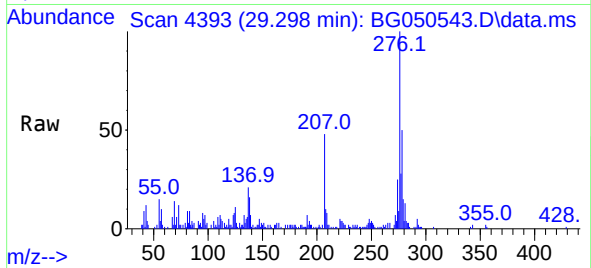
#91
Dibenzo(a,h)anthracene
Concen: 2.87 ng
RT: 29.298 min Scan# 4393
Delta R.T. -0.029 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:278 Resp: 47278
Ion Ratio Lower Upper
278 100
139 14.2 4.6 6.8#
279 29.1 17.9 26.9#

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 10.91 ng
RT: 30.485 min Scan# 4595
Delta R.T. -0.005 min
Lab File: BG050543.D
Acq: 11 Oct 2021 20:10

Tgt Ion:276 Resp: 175763
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 19.8 7.0 10.6#

