

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050658.D
 Acq On : 20 Oct 2021 23:40
 Operator : CG/JU
 Sample : M4271-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-101821

Manual Integrations
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mohammad
 10/21/2021 11:18:30 AM

Quant Time: Oct 21 03:19:16 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	8.255	152	54062	20.00	ng	0.00
21) Naphthalene-d8	11.075	136	226513	20.00	ng	# 0.00
39) Acenaphthene-d10	14.870	164	135764	20.00	ng	0.00
64) Phenanthrene-d10	17.614	188	253347	20.00	ng	# 0.00
76) Chrysene-d12	21.915	240	214473	20.00	ng	# 0.00
86) Perylene-d12	25.352	264	197419	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	348079	96.29	ng	0.00
7) Phenol-d6	7.397	99	465491	88.94	ng	0.00
23) Nitrobenzene-d5	9.424	82	332222	60.71	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	112303	86.72	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	572493	63.46	ng	0.00
79) Terphenyl-d14	20.205	244	667232	60.63	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.655	178	28290	2.12	ng	97
75) Fluoranthene	19.659	202	49951	3.04	ng	95
78) Pyrene	20.017	202	55579m	3.65	ng	
83) Chrysene	21.962	228	37449	2.81	ng	# 64
88) Benzo(b)fluoranthene	24.248	252	31397m	2.60	ng	
90) Benzo(a)pyrene	25.182	252	25183	2.45	ng	# 30

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

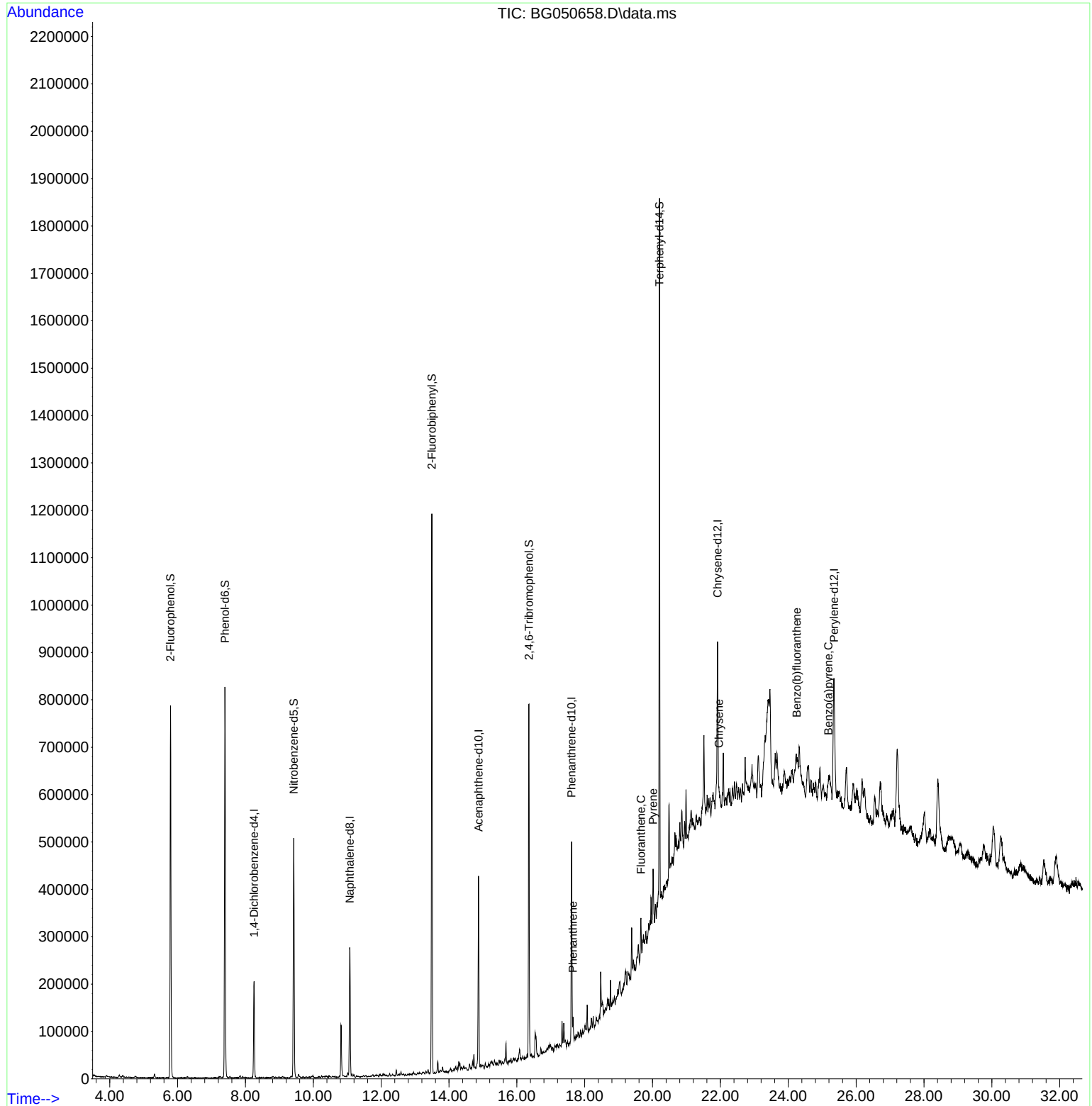
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Data File : BG050658.D
Acq On : 20 Oct 2021 23:40
Operator : CG/JU
Sample : M4271-01
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ALS Vial : 18 Sample Multiplier: 1

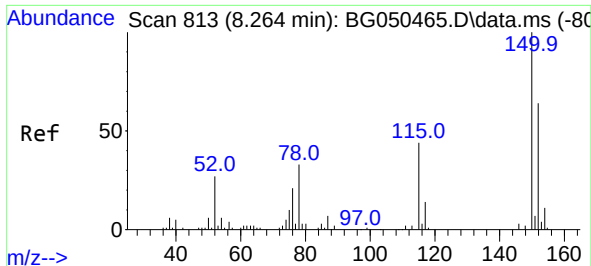
Instrument :
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OK-01-101821

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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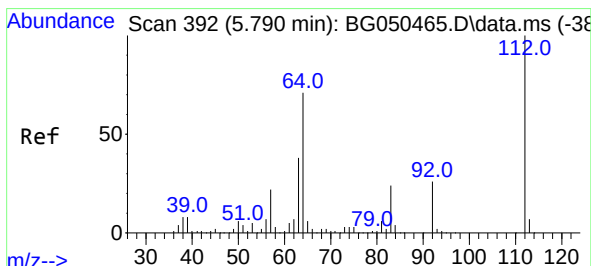
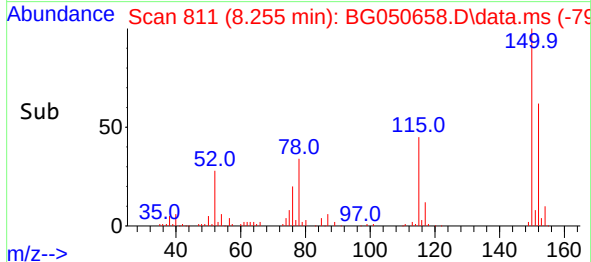
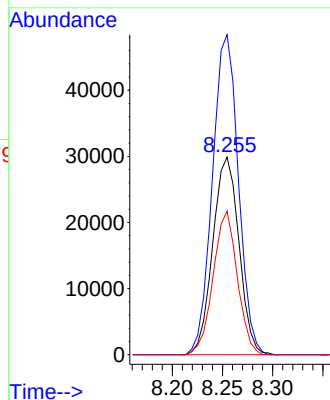
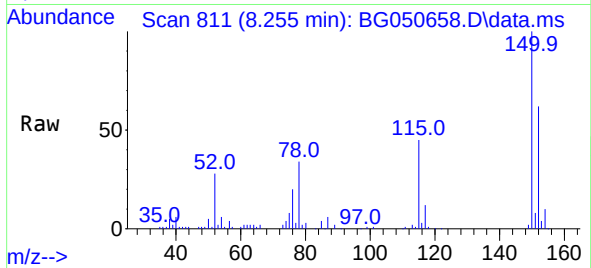
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:152 Resp: 54062
Ion Ratio Lower Upper
152 100
150 162.1 119.4 179.0
115 72.7 60.2 90.4

Instrument :
BNA_G
ClientSampled :
OK-01-101821

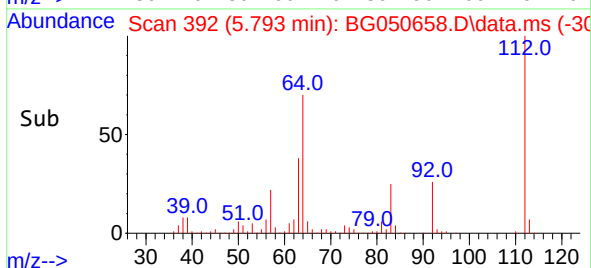
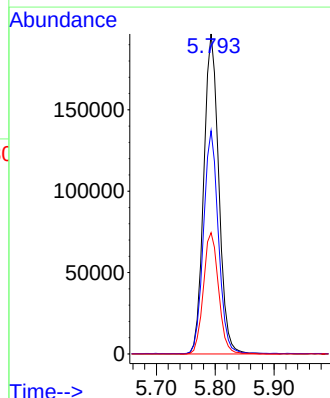
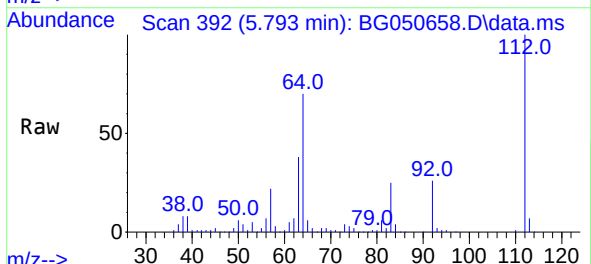
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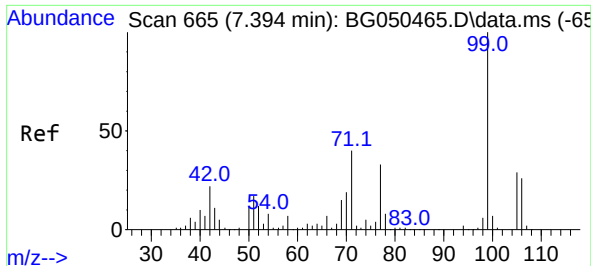
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#5
2-Fluorophenol
Concen: 96.29 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:112 Resp: 348079
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 37.9 35.3 52.9





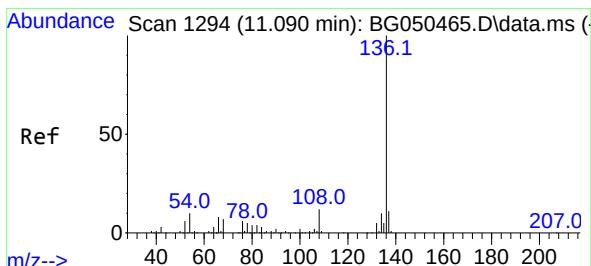
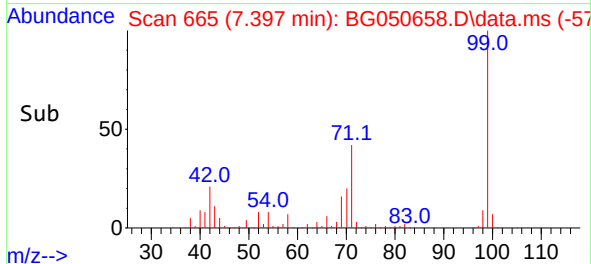
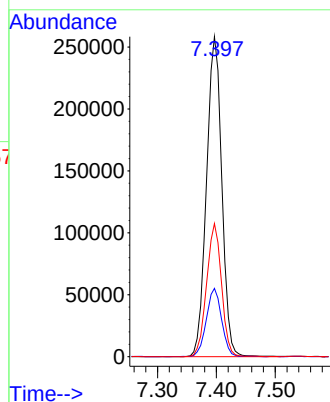
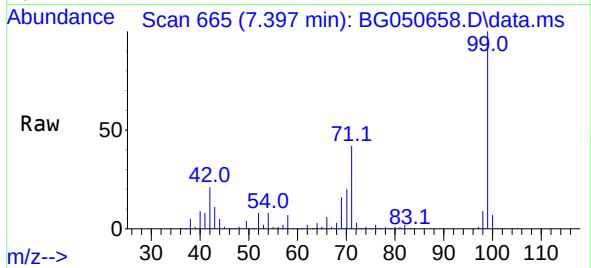
#7
Phenol-d6
Concen: 88.94 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion: 99 Resp: 465491
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 41.6 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
OK-01-101821

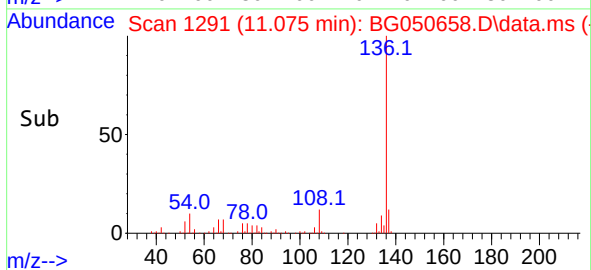
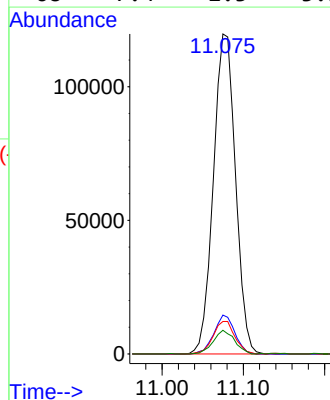
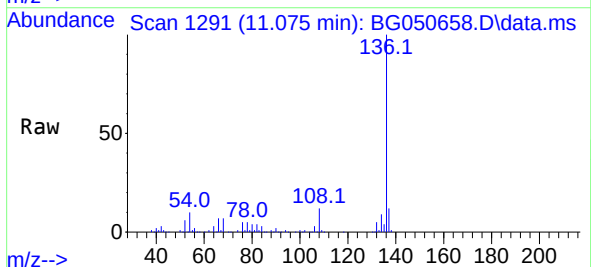
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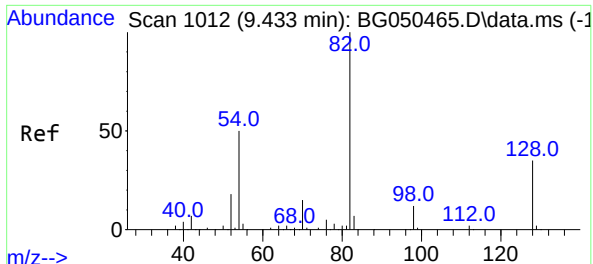
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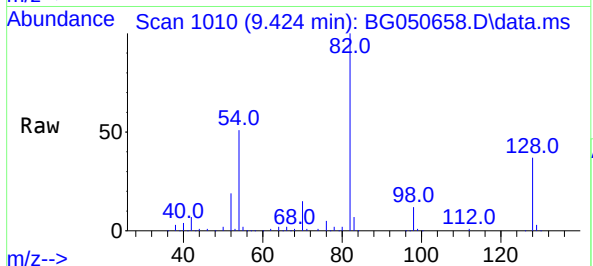
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.010 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion: 136 Resp: 226513
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 10.1 5.5 8.3#
68 7.4 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 60.71 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



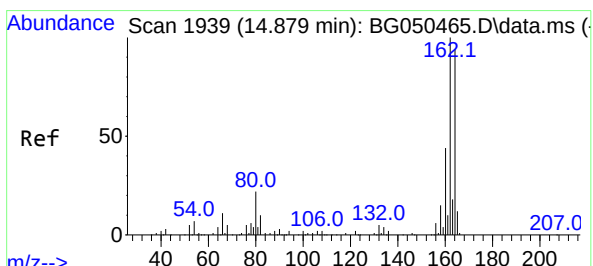
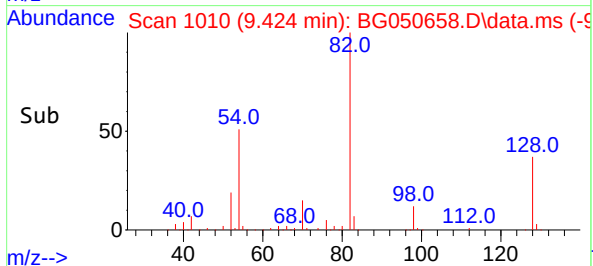
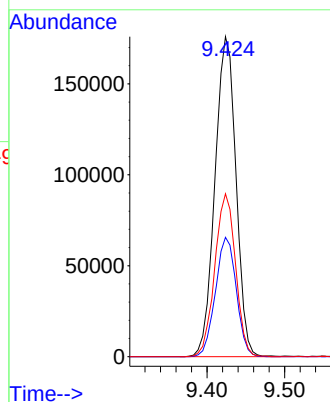
Tgt Ion: 82 Resp: 332222

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.8	44.6
54	50.9	45.8	68.8

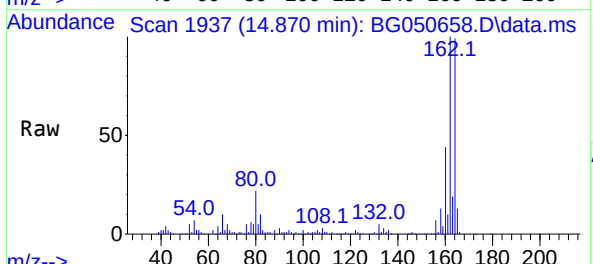
Instrument :
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ClientSampleId :
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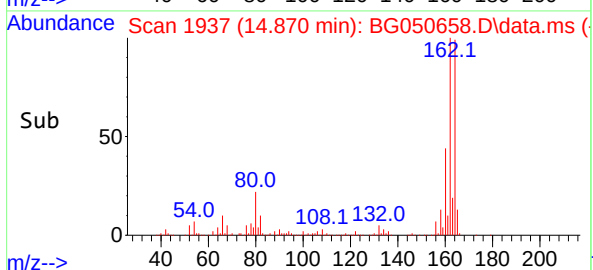
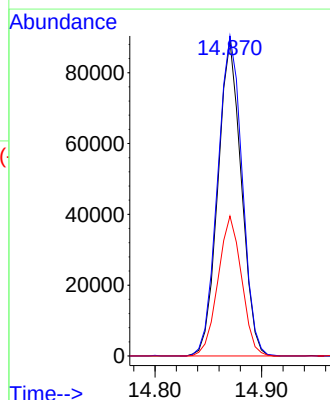


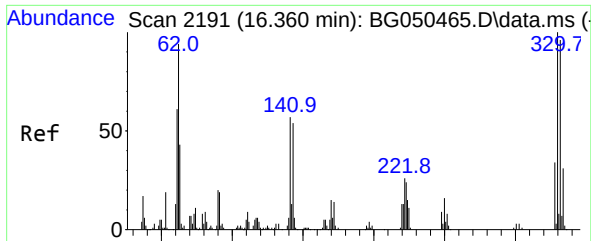
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



Tgt Ion: 164 Resp: 135764

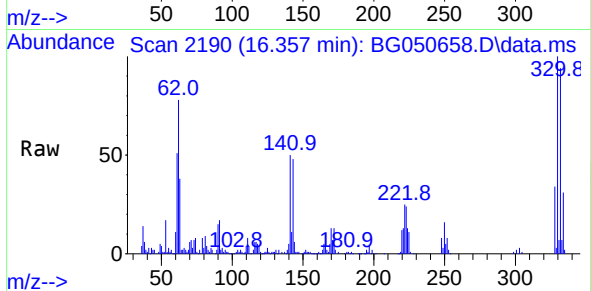
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.3	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 86.72 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

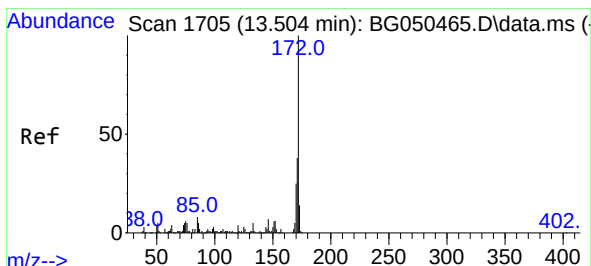
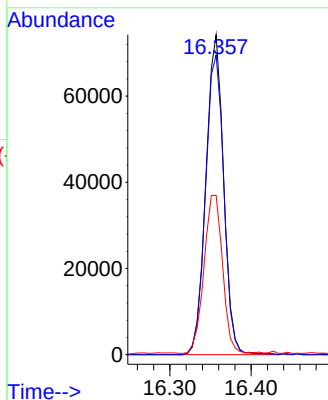
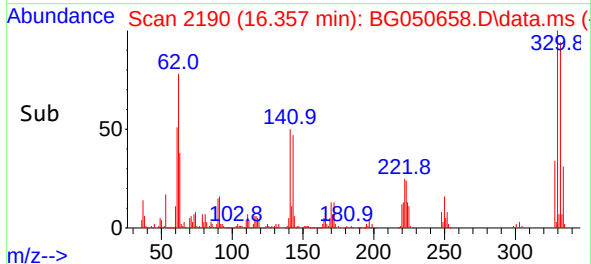
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BNA_G
ClientSampled :
OK-01-101821



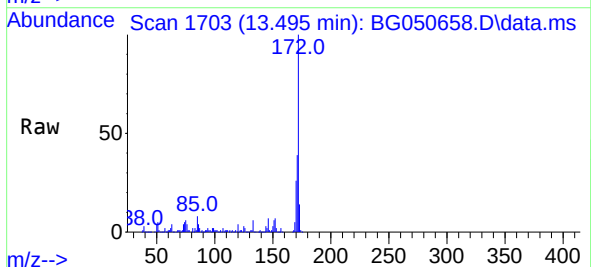
Tgt Ion:330 Resp: 112303
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 51.8 35.6 53.4

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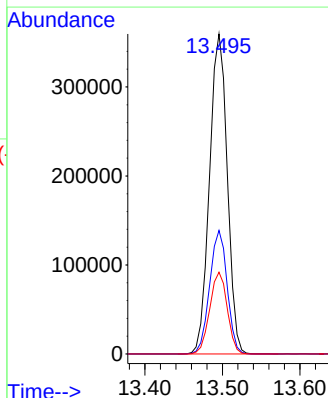
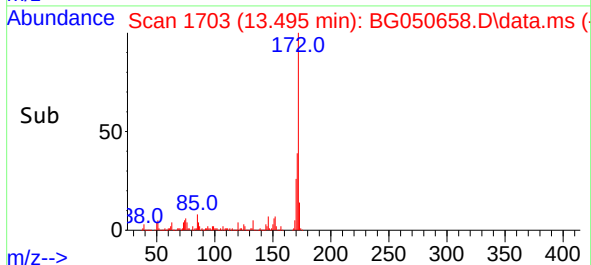
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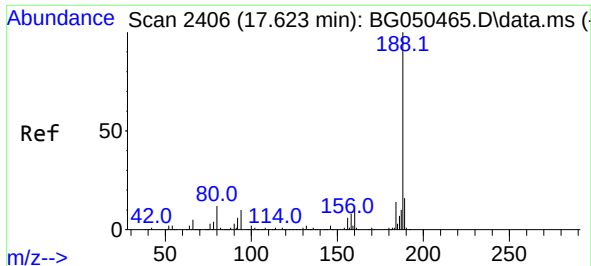


#45
2-Fluorobiphenyl
Concen: 63.46 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



Tgt Ion:172 Resp: 572493
Ion Ratio Lower Upper
172 100
171 38.6 28.6 43.0
170 25.5 18.6 27.8





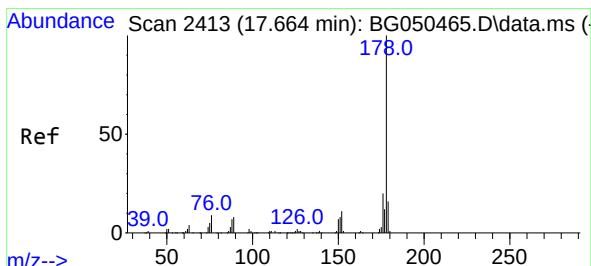
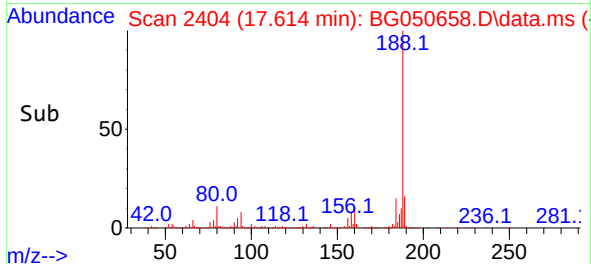
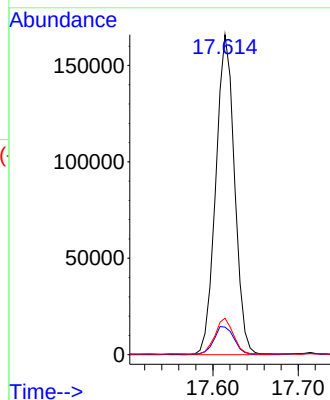
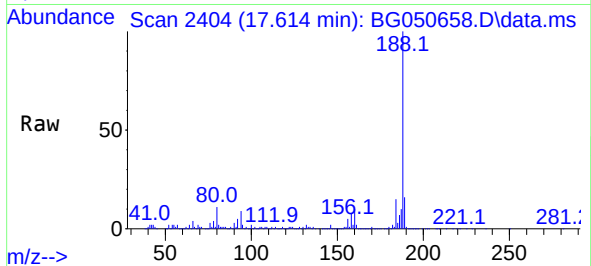
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:188 Resp: 253347
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 11.4 3.7 5.5#

Instrument :
BNA_G
ClientSampleId :
OK-01-101821

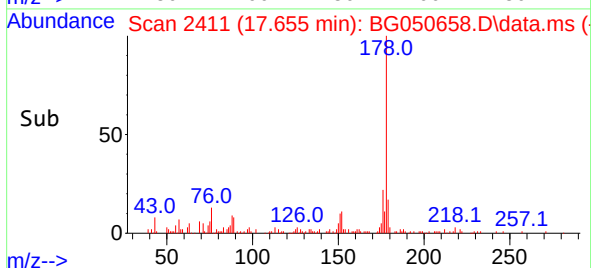
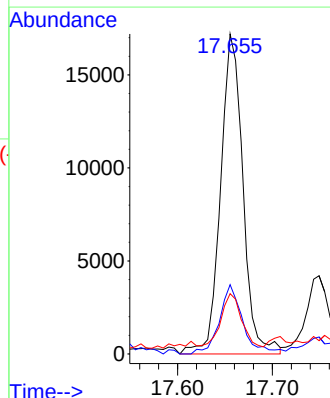
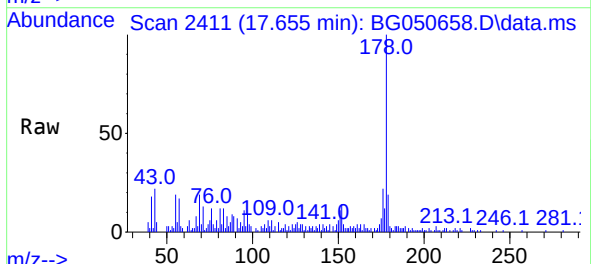
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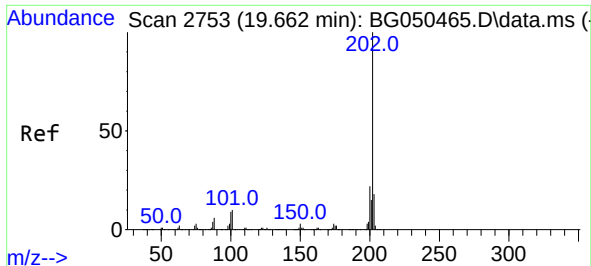
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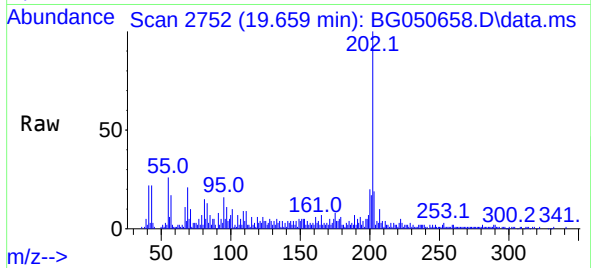
#71
Phenanthrene
Concen: 2.12 ng
RT: 17.655 min Scan# 2411
Delta R.T. -0.010 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:178 Resp: 28290
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 18.9 14.2 21.4

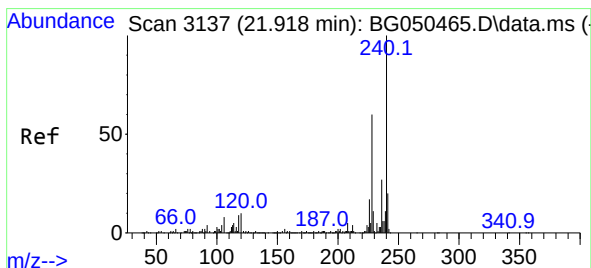
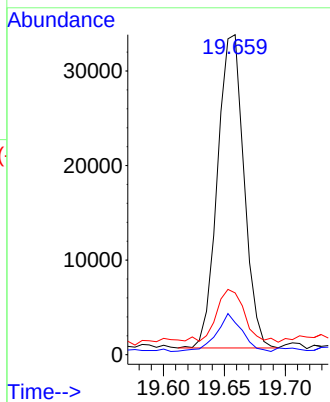
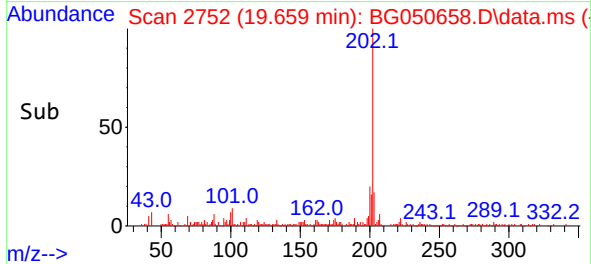




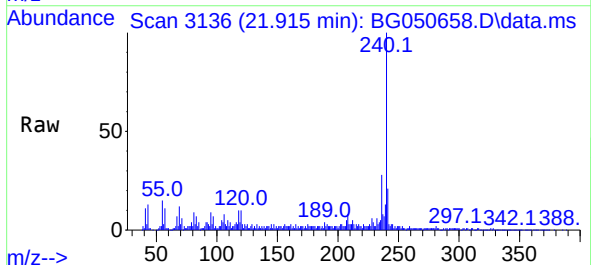
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Fluoranthene
Concen: 3.04 ng
RT: 19.659 min Scan# 2752
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



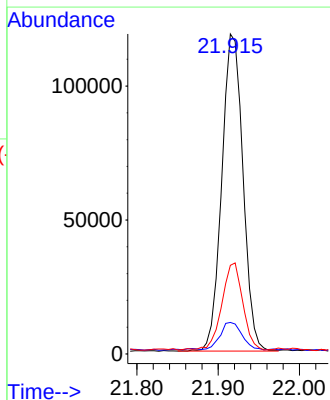
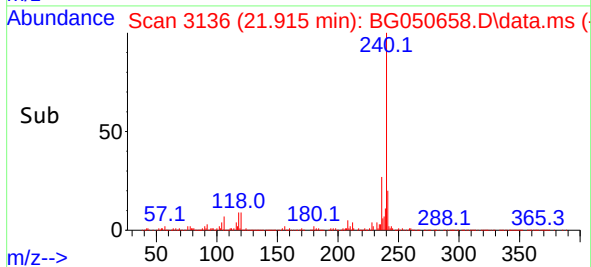
Tgt Ion:202 Resp: 49951
Ion Ratio Lower Upper
202 100
101 10.0 0.0 24.7
203 19.3 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



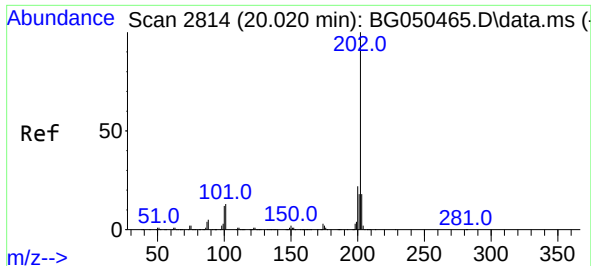
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Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 27.7 21.8 32.6



Instrument :
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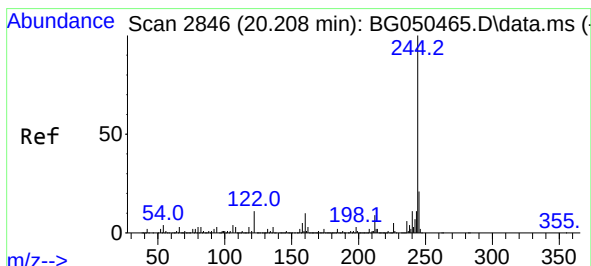
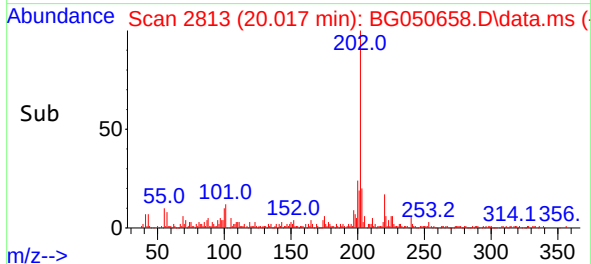
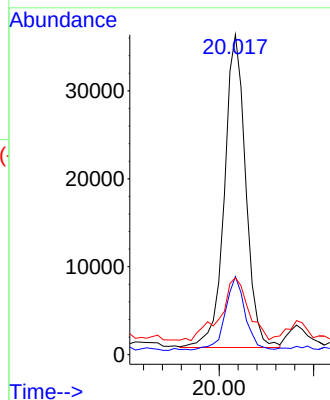
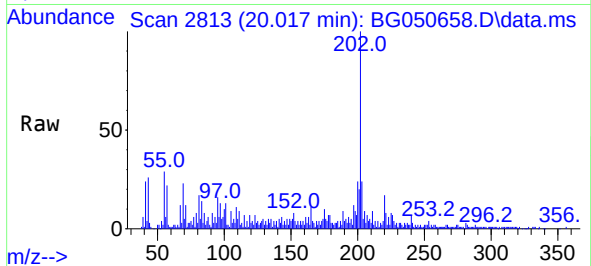
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Pyrene
Concen: 3.65 ng m
RT: 20.017 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:202 Resp: 55579
Ion Ratio Lower Upper
202 100
200 24.4 15.8 23.8#
203 24.1 14.6 21.8#

Instrument :
BNA_G
ClientSampled :
OK-01-101821

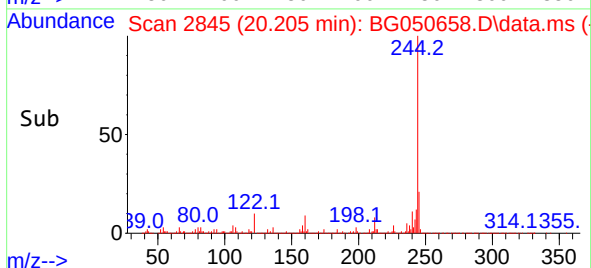
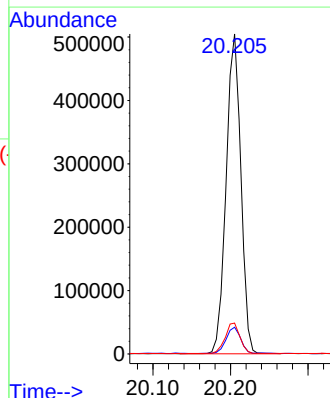
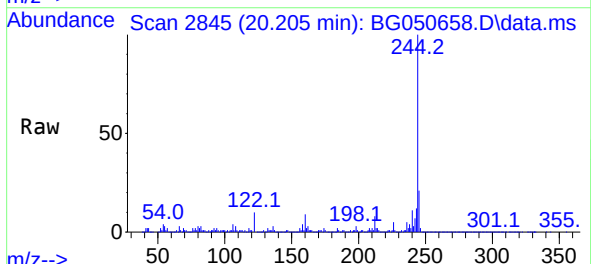
Manual Integrations
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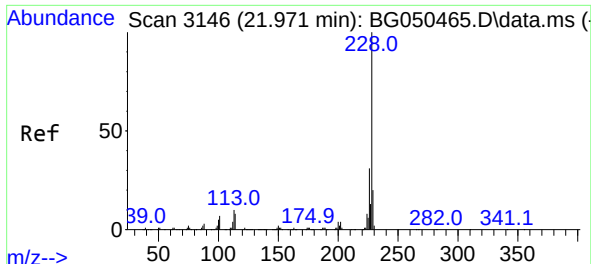
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#79
Terphenyl-d14
Concen: 60.63 ng
RT: 20.205 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:244 Resp: 667232
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.7 5.0 7.6#





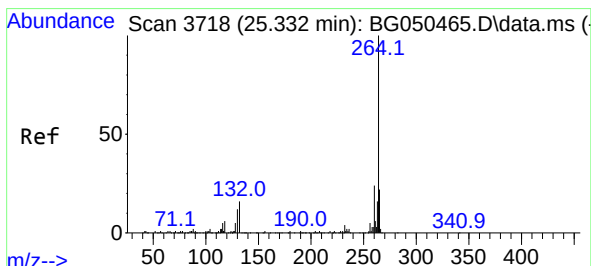
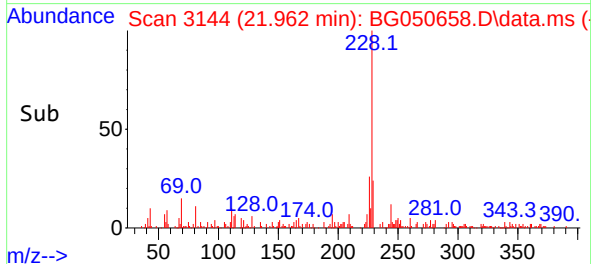
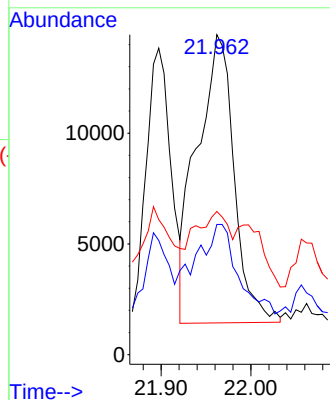
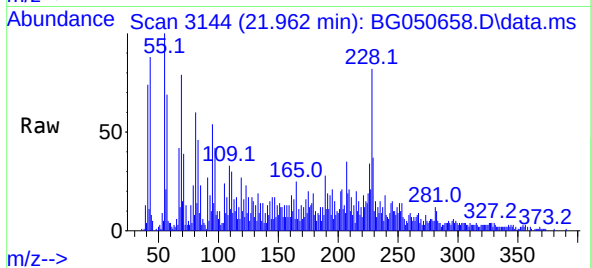
#83
Chrysene
Concen: 2.81 ng
RT: 21.962 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

Tgt Ion:228 Resp: 37449
Ion Ratio Lower Upper
228 100
226 40.7 23.1 34.7#
229 44.7 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
OK-01-101821

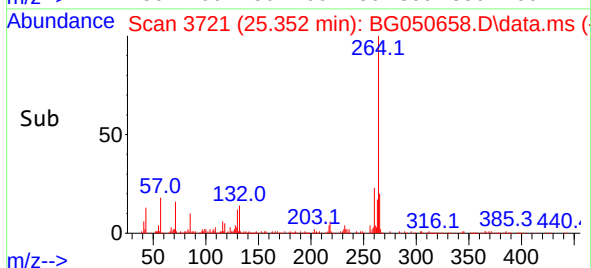
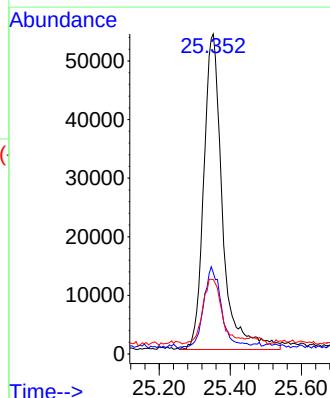
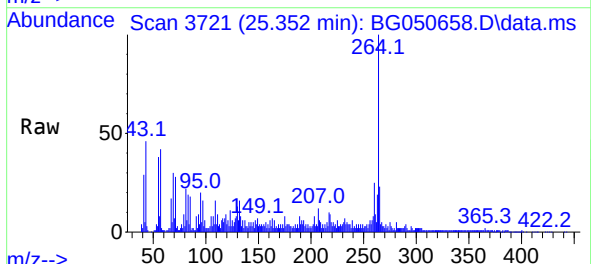
Manual Integrations
APPROVED

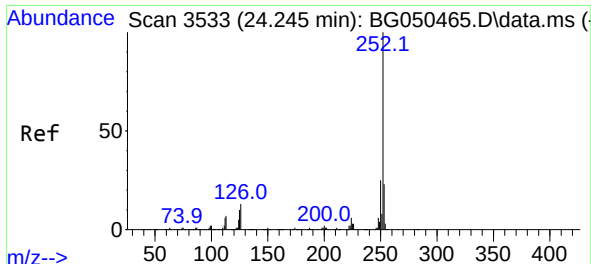
mohammad
10/21/2021 11:18:30 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.352 min Scan# 3721
Delta R.T. 0.020 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

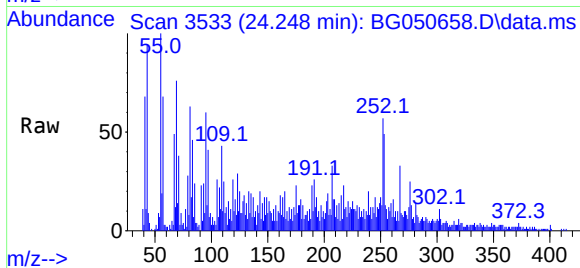
Tgt Ion:264 Resp: 197419
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 23.2 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.60 ng m
RT: 24.248 min Scan# 3533
Delta R.T. 0.002 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40

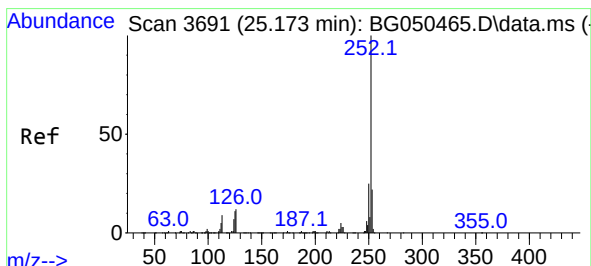
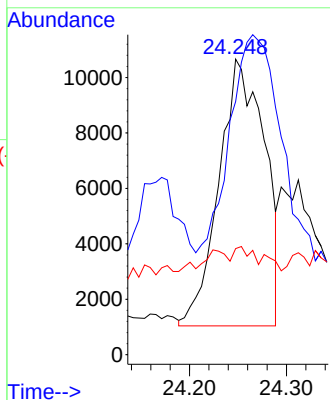
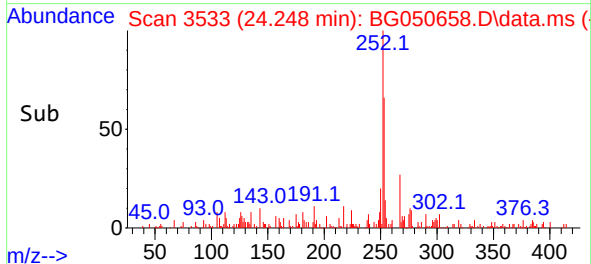
Instrument :
BNA_G
ClientSampled :
OK-01-101821



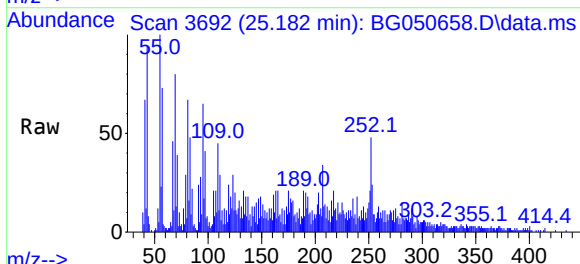
Tgt Ion:252 Resp: 31397
Ion Ratio Lower Upper
252 100
253 85.6 16.2 24.4#
125 35.9 3.0 4.4#

Manual Integrations
APPROVED

mohammad
10/21/2021 11:18:30 AM



#90
Benzo(a)pyrene
Concen: 2.45 ng
RT: 25.182 min Scan# 3692
Delta R.T. 0.008 min
Lab File: BG050658.D
Acq: 20 Oct 2021 23:40



Tgt Ion:252 Resp: 25183
Ion Ratio Lower Upper
252 100
253 49.6 16.6 25.0#
125 40.9 3.5 5.3#

