

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050526.D
 Acq On : 9 Oct 2021 2:33
 Operator : CG/JU
 Sample : M4113-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Manual Integrations
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Quant Time: Oct 09 04:08:54 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	8.259	152	68682	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	299247	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	194182	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	401656	20.00	ng	# 0.00
76) Chrysene-d12	21.920	240	344517	20.00	ng	# 0.00
86) Perylene-d12	25.333	264	339963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	369005	80.35	ng	0.00
7) Phenol-d6	7.401	99	506629	76.20	ng	0.00
23) Nitrobenzene-d5	9.428	82	366638	50.72	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	136645	73.78	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	661475	51.27	ng	0.00
79) Terphenyl-d14	20.210	244	890745	50.39	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.660	178	59801	2.83	ng	96
75) Fluoranthene	19.657	202	117673	4.52	ng	94
78) Pyrene	20.016	202	94327	3.86	ng	98
83) Chrysene	21.967	228	48104m	2.24	ng	
88) Benzo(b)fluoranthene	24.240	252	55736	2.68	ng	# 93
90) Benzo(a)pyrene	25.169	252	38385	2.17	ng	# 91

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

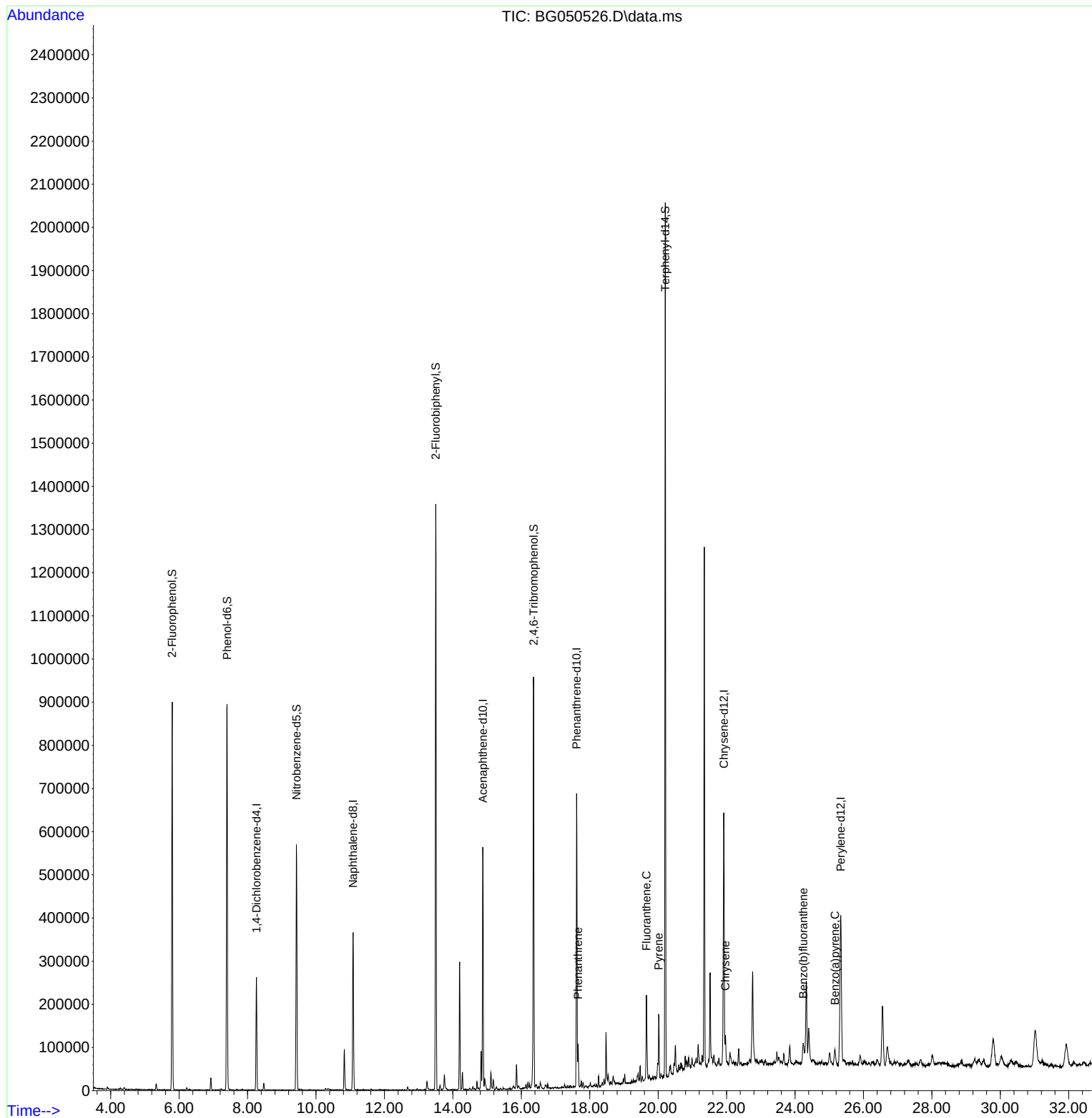
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050526.D
Acq On : 9 Oct 2021 2:33
Operator : CG/JU
Sample : M4113-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

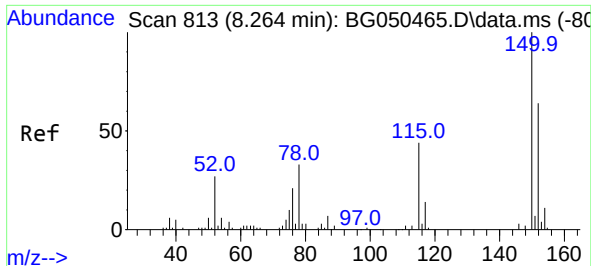
Instrument :
BNA_G
ClientSampleId :
TP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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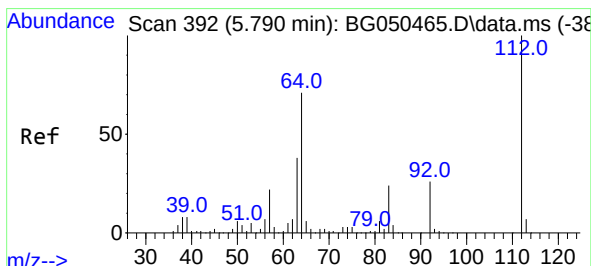
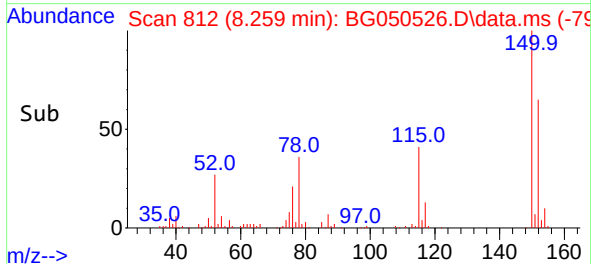
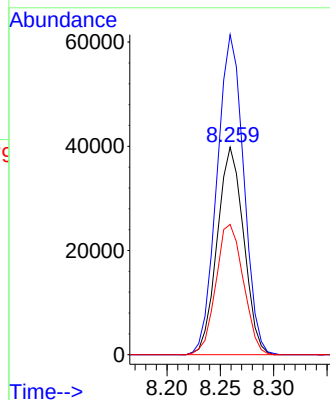
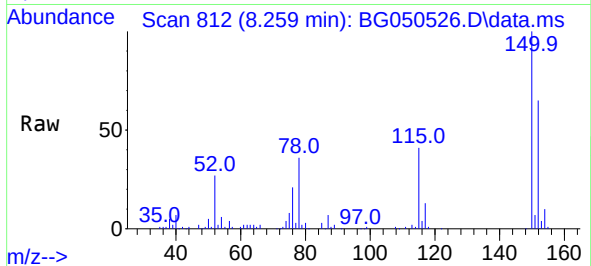
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:152 Resp: 68682
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 62.8 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TP-5

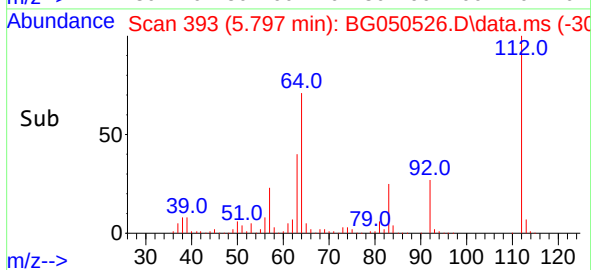
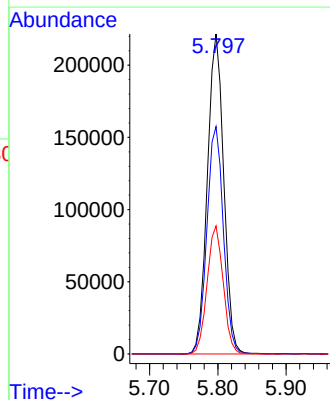
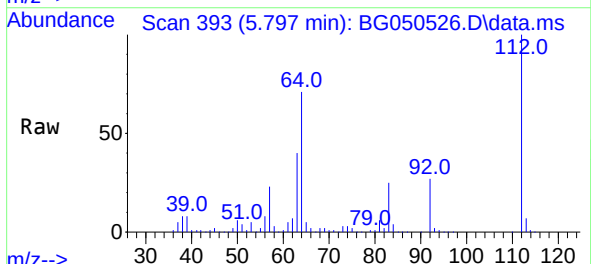
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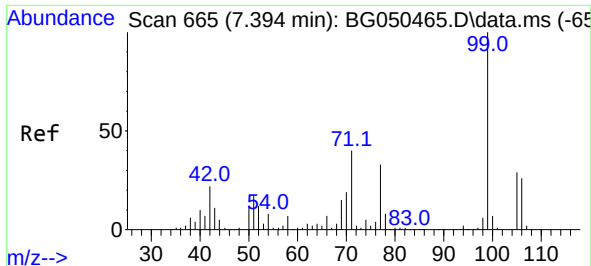
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#5
2-Fluorophenol
Concen: 80.35 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:112 Resp: 369005
Ion Ratio Lower Upper
112 100
64 71.0 46.7 70.1#
63 40.0 35.3 52.9





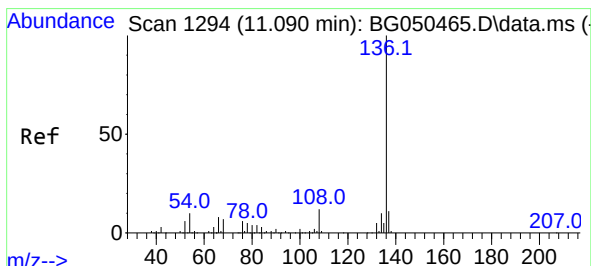
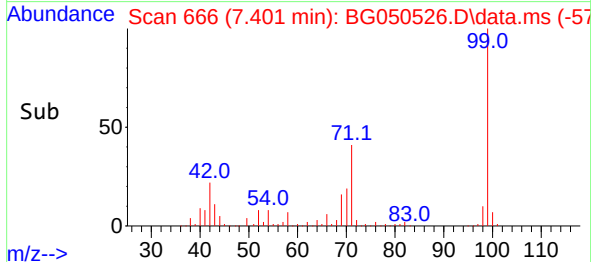
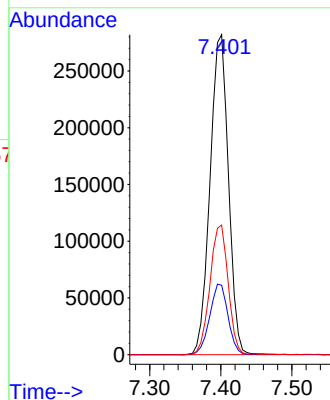
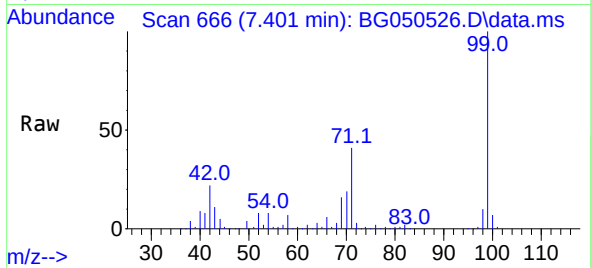
#7
Phenol-d6
Concen: 76.20 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion: 99 Resp: 506629
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.5 41.5 62.3#

Instrument :
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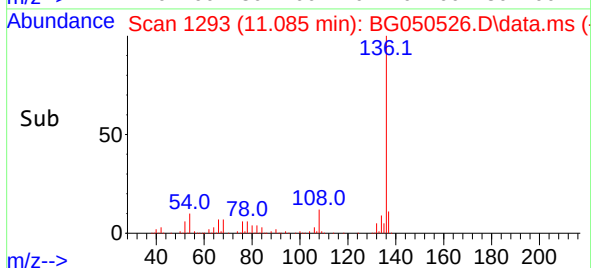
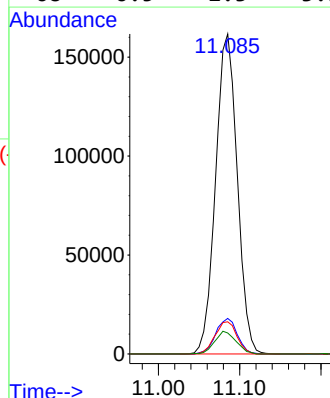
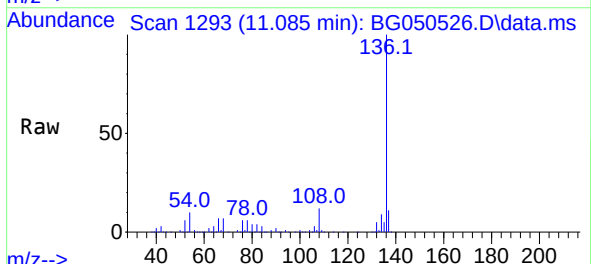
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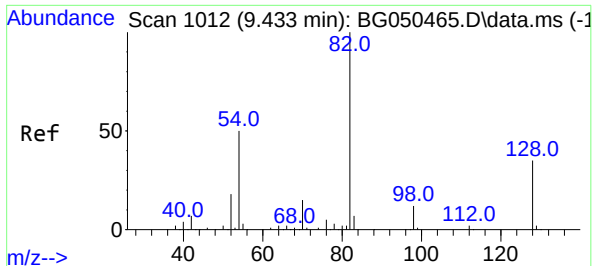
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion: 136 Resp: 299247
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.1 5.5 8.3#
68 6.5 2.3 3.5#





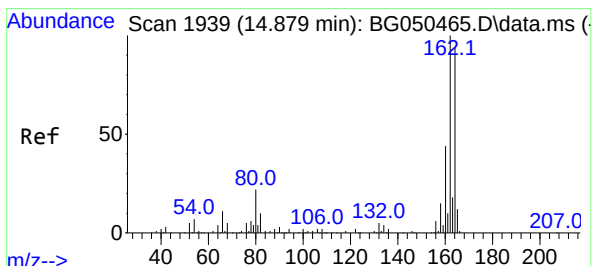
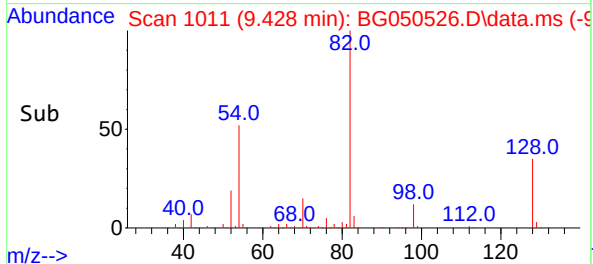
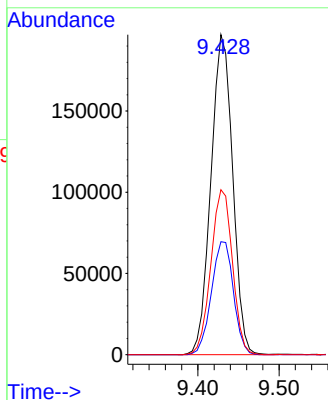
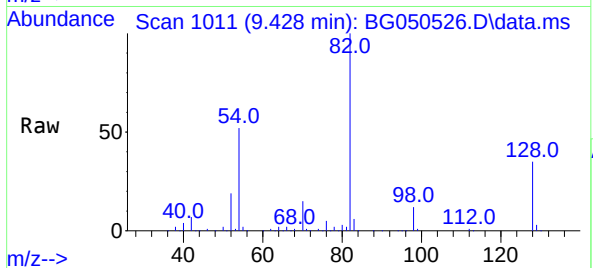
#23
Nitrobenzene-d5
Concen: 50.72 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:	82	Resp:	366638
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.8	44.6
54	51.5	45.8	68.8

Instrument :
BNA_G
ClientSampled :
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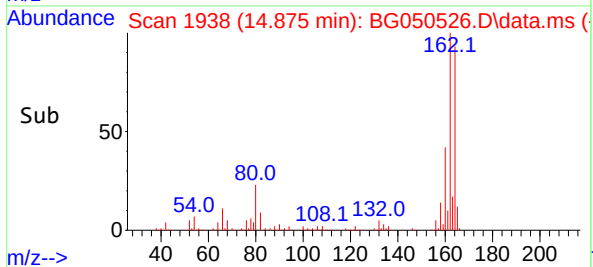
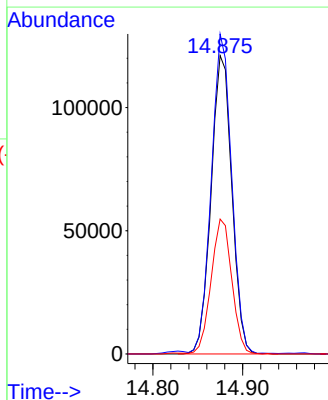
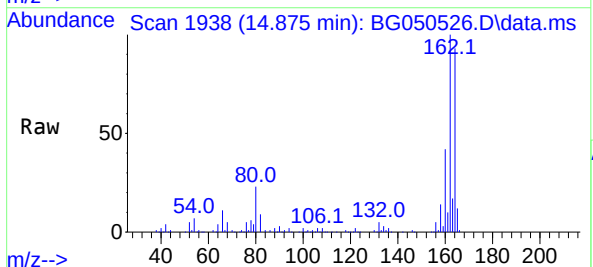
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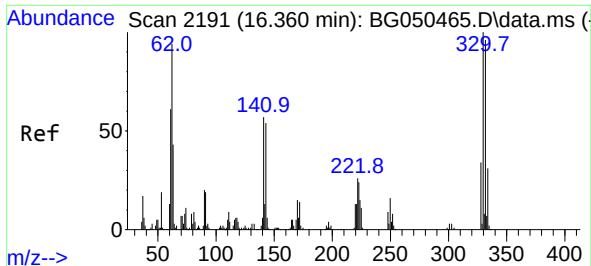
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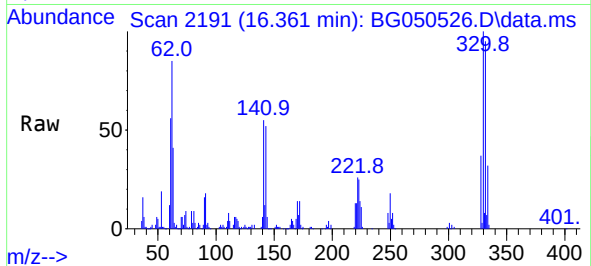
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:	164	Resp:	194182
Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.4	122.0
160	45.2	34.9	52.3

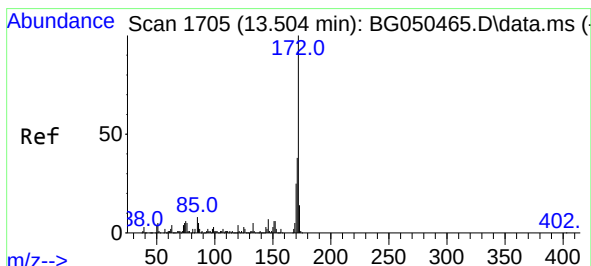
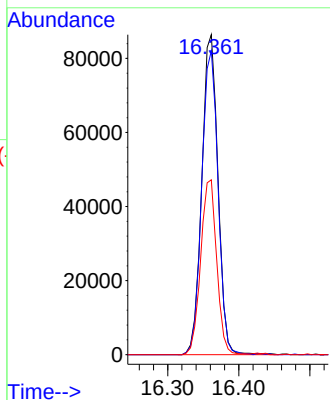
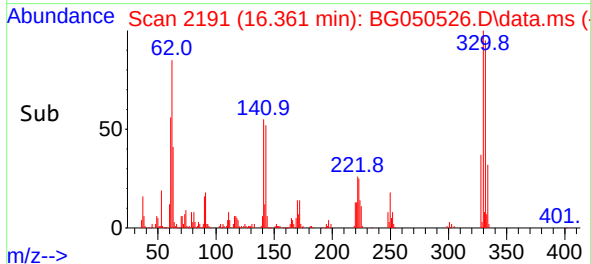




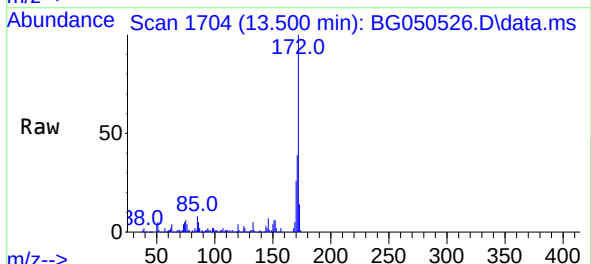
#42
2,4,6-Tribromophenol
Concen: 73.78 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



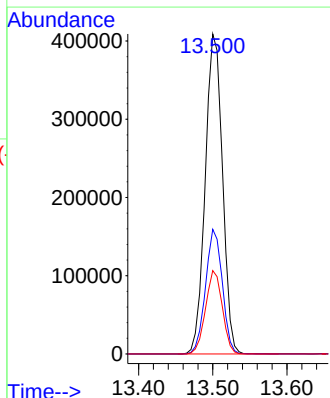
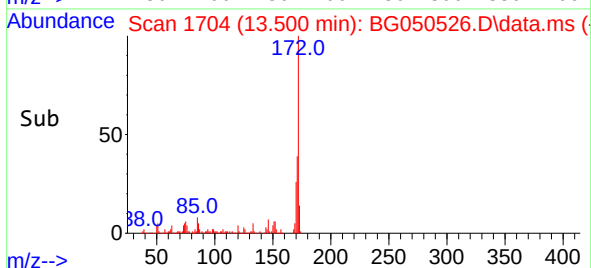
Tgt Ion:330 Resp: 136645
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 54.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 51.27 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



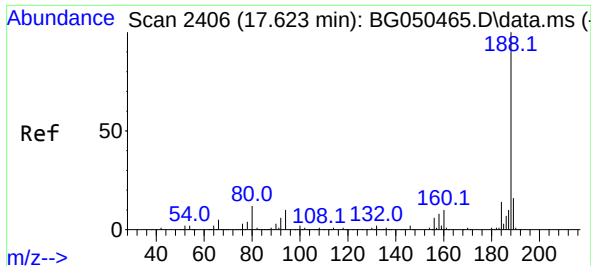
Tgt Ion:172 Resp: 661475
Ion Ratio Lower Upper
172 100
171 39.0 28.6 43.0
170 26.0 18.6 27.8



Instrument :
BNA_G
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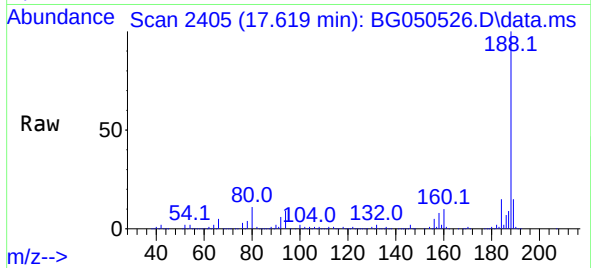
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

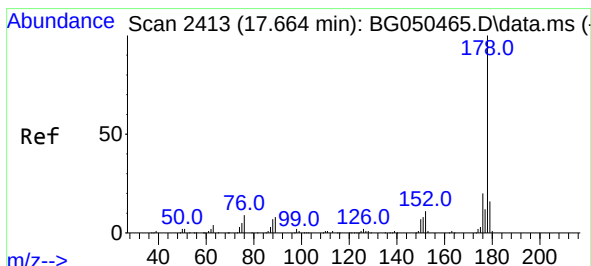
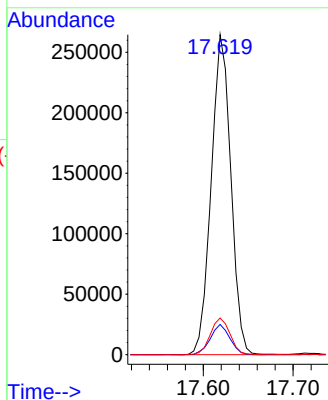
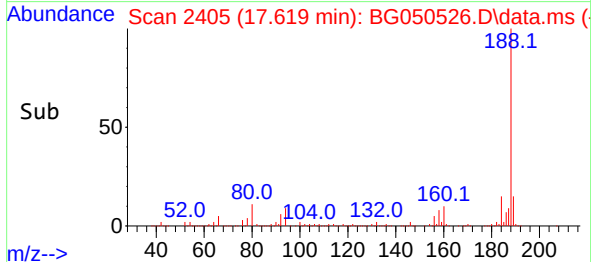
Instrument :
BNA_G
ClientSampled :
TP-5



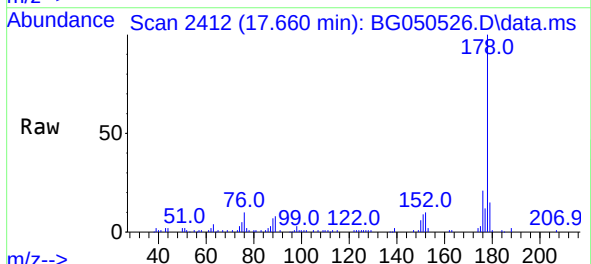
Tgt Ion:188 Resp: 401656
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.5 3.7 5.5#

Manual Integrations
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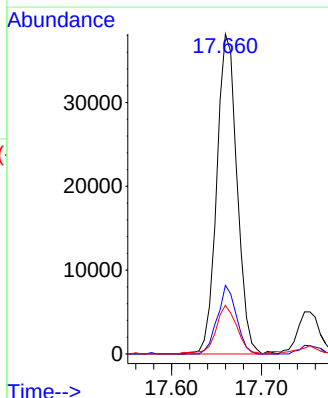
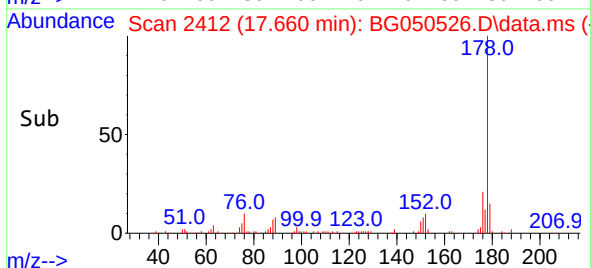
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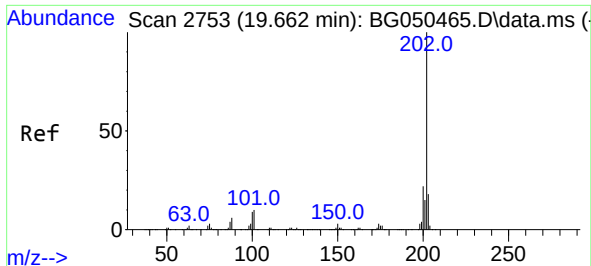


#71
Phenanthrene
Concen: 2.83 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



Tgt Ion:178 Resp: 59801
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 15.2 14.2 21.4





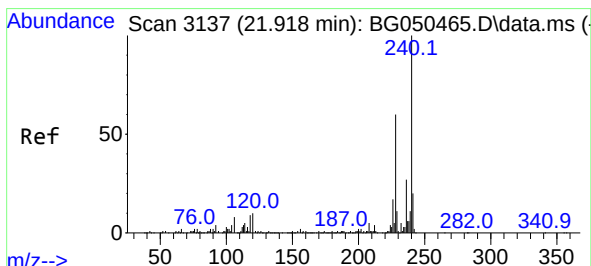
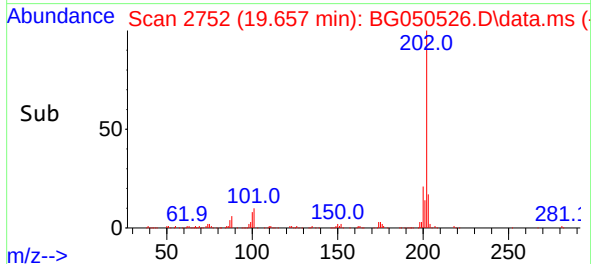
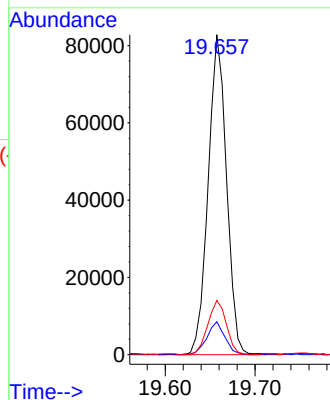
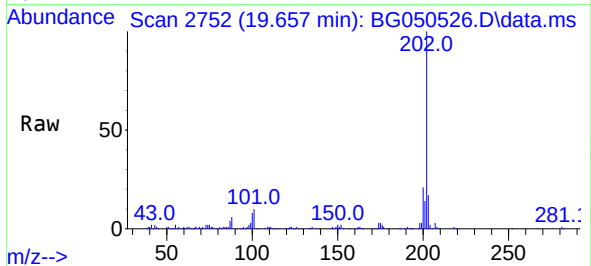
#75
Fluoranthene
Concen: 4.52 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:202 Resp: 117673
Ion Ratio Lower Upper
202 100
101 10.3 0.0 24.7
203 16.9 0.0 38.5

Instrument :
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ClientSampled :
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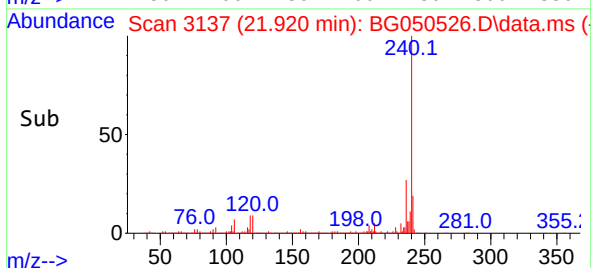
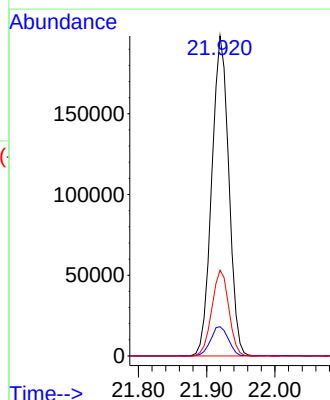
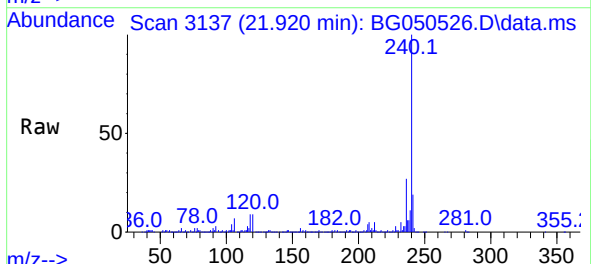
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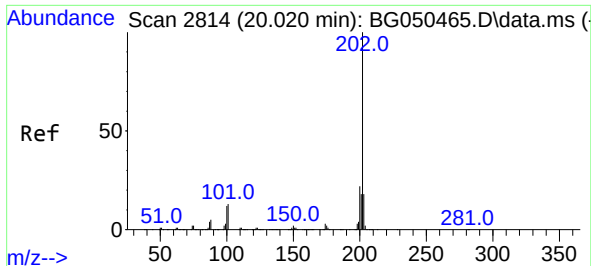
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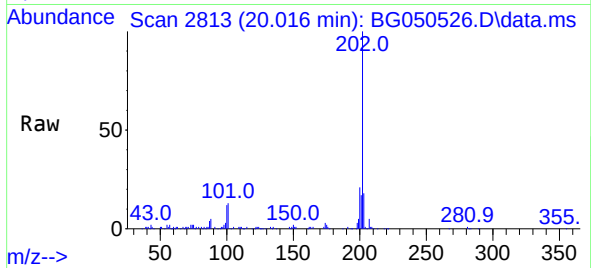
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:240 Resp: 344517
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.8 21.8 32.6

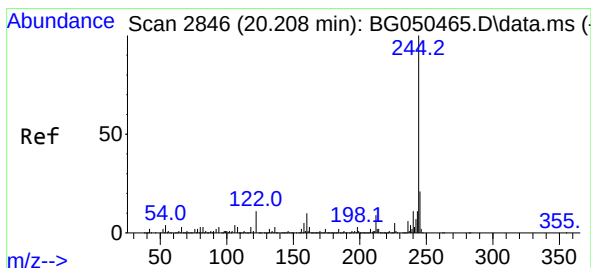
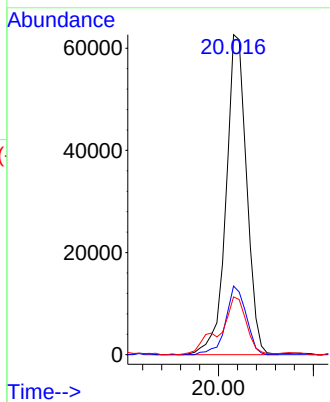
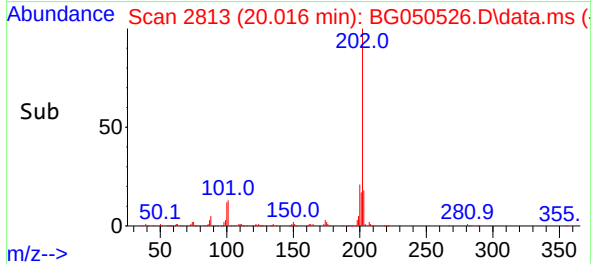




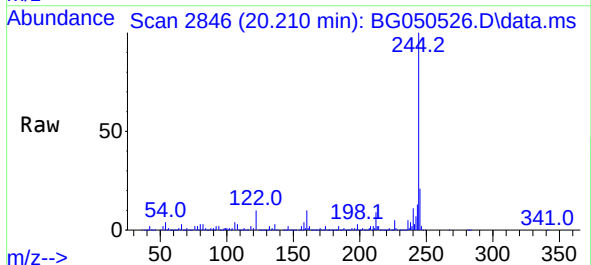
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Pyrene
Concen: 3.86 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



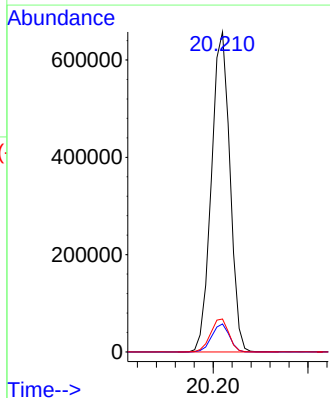
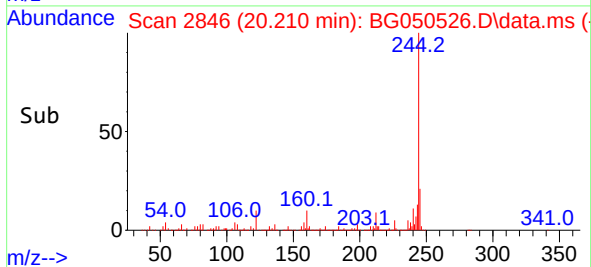
Tgt Ion:202 Resp: 94327
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.1 14.6 21.8



#79
Terphenyl-d14
Concen: 50.39 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



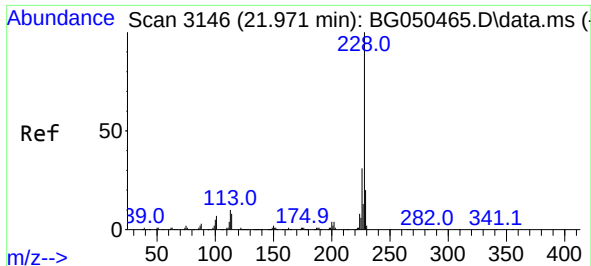
Tgt Ion:244 Resp: 890745
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 10.3 5.0 7.6#



Instrument :
BNA_G
ClientSampleId :
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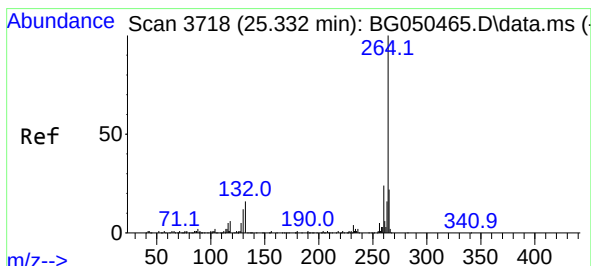
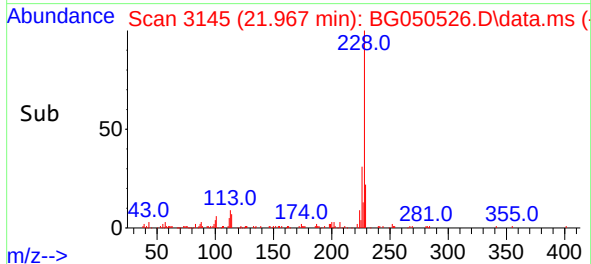
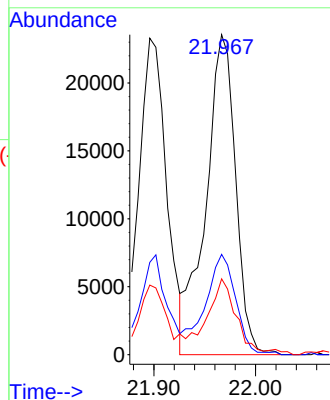
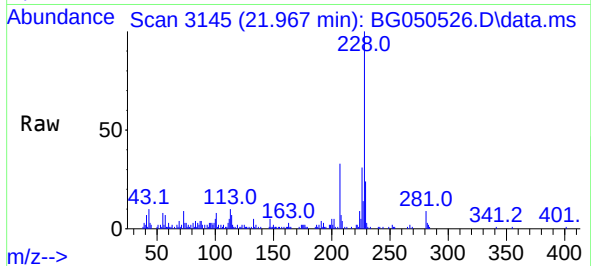
#83
Chrysene
Concen: 2.24 ng m
RT: 21.967 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:228 Resp: 48104
Ion Ratio Lower Upper
228 100
226 31.4 23.1 34.7
229 23.7 15.3 22.9#

Instrument :
BNA_G
ClientSampled :
TP-5

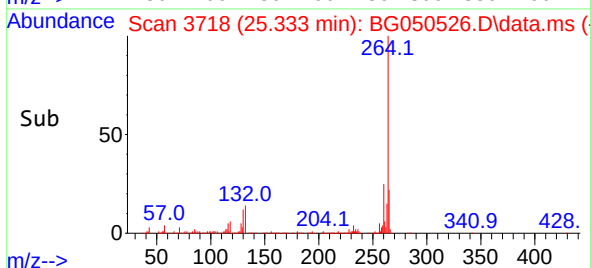
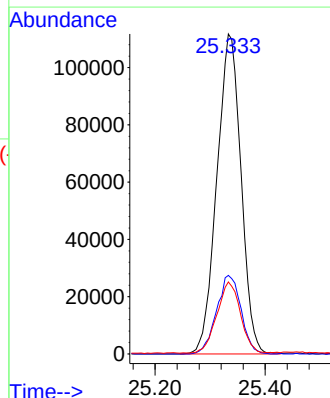
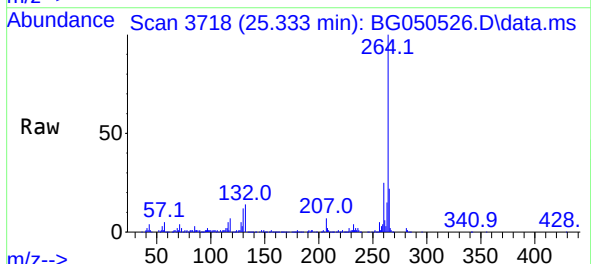
Manual Integrations
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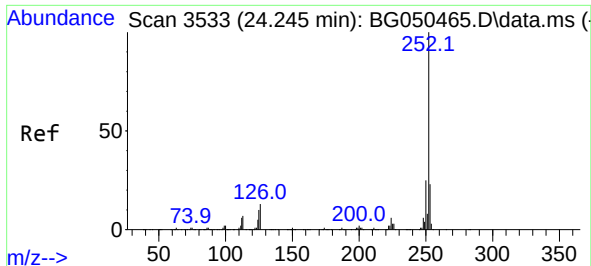
mohammad
10/11/2021 2:10:34 PM



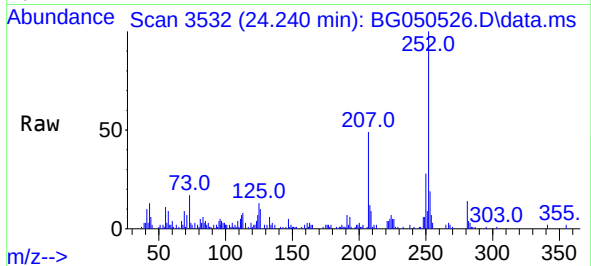
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.333 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:264 Resp: 339963
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.5 16.9 25.3

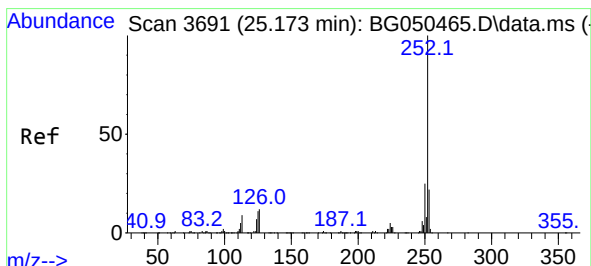
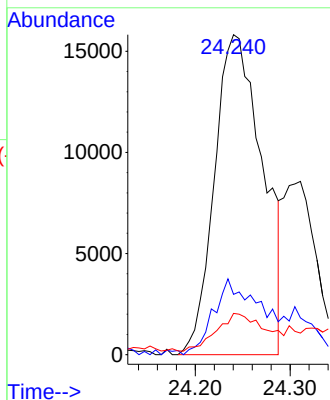
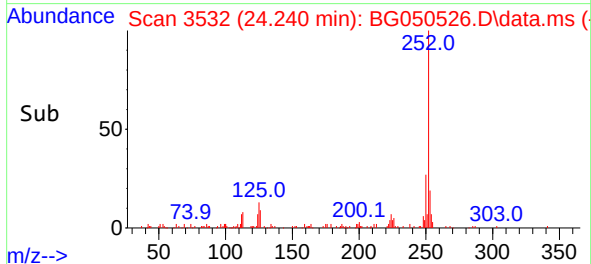




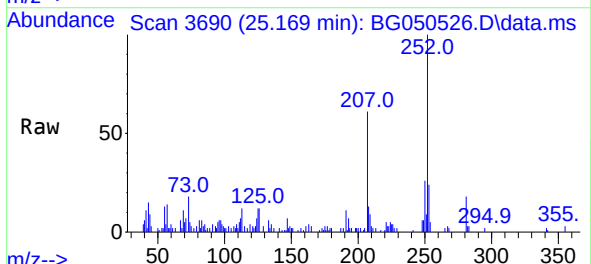
#88
Benzo(b)fluoranthene
Concen: 2.68 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



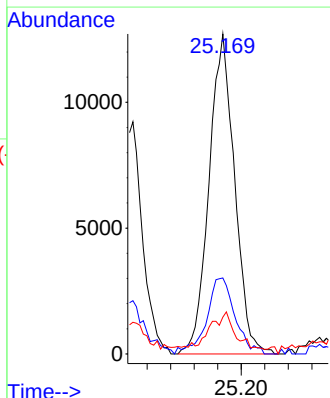
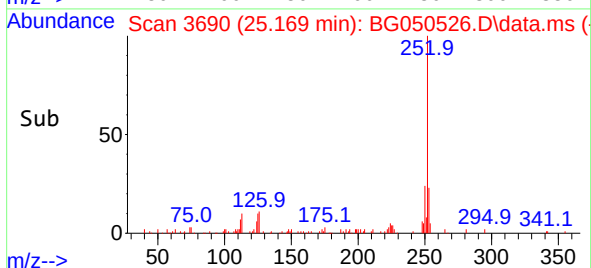
Tgt Ion:252 Resp: 55736
Ion Ratio Lower Upper
252 100
253 18.9 16.2 24.4
125 12.9 3.0 4.4#



#90
Benzo(a)pyrene
Concen: 2.17 ng
RT: 25.169 min Scan# 3690
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33



Tgt Ion:252 Resp: 38385
Ion Ratio Lower Upper
252 100
253 23.8 16.6 25.0
125 11.5 3.5 5.3#



Instrument :
BNA_G
ClientSampled :
TP-5

Manual Integrations
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mohammad
10/11/2021 2:10:34 PM