

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050713.D
 Acq On : 25 Oct 2021 16:40
 Operator : CG/JU
 Sample : M4329-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

Manual Integrations
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 10/26/2021 11:31:14 AM

Quant Time: Oct 26 02:15:01 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	8.250	152	35656	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	146871	20.000	ng	#-0.01
39) Acenaphthene-d10	14.865	164	94130	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	199370	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	188083	20.000	ng	#-0.01
86) Perylene-d12	25.318	264	187195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	259428	108.813	ng	0.00
7) Phenol-d6	7.392	99	348231	100.882	ng	0.00
23) Nitrobenzene-d5	9.419	82	247059	69.634	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	93150	103.750	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	418599	66.929	ng	-0.01
79) Terphenyl-d14	20.200	244	604680	62.654	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.650	178	25989	2.474	ng	94
75) Fluoranthene	19.654	202	55029	4.261	ng	93
78) Pyrene	20.012	202	50890	3.814	ng	98
83) Chrysene	21.957	228	26924m	2.300	ng	
84) Bis(2-ethylhexyl)phtha...	21.763	149	84802	10.574	ng	# 97
88) Benzo(b)fluoranthene	24.237	252	36343	3.170	ng	# 87
90) Benzo(a)pyrene	25.153	252	22870	2.346	ng	# 91

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

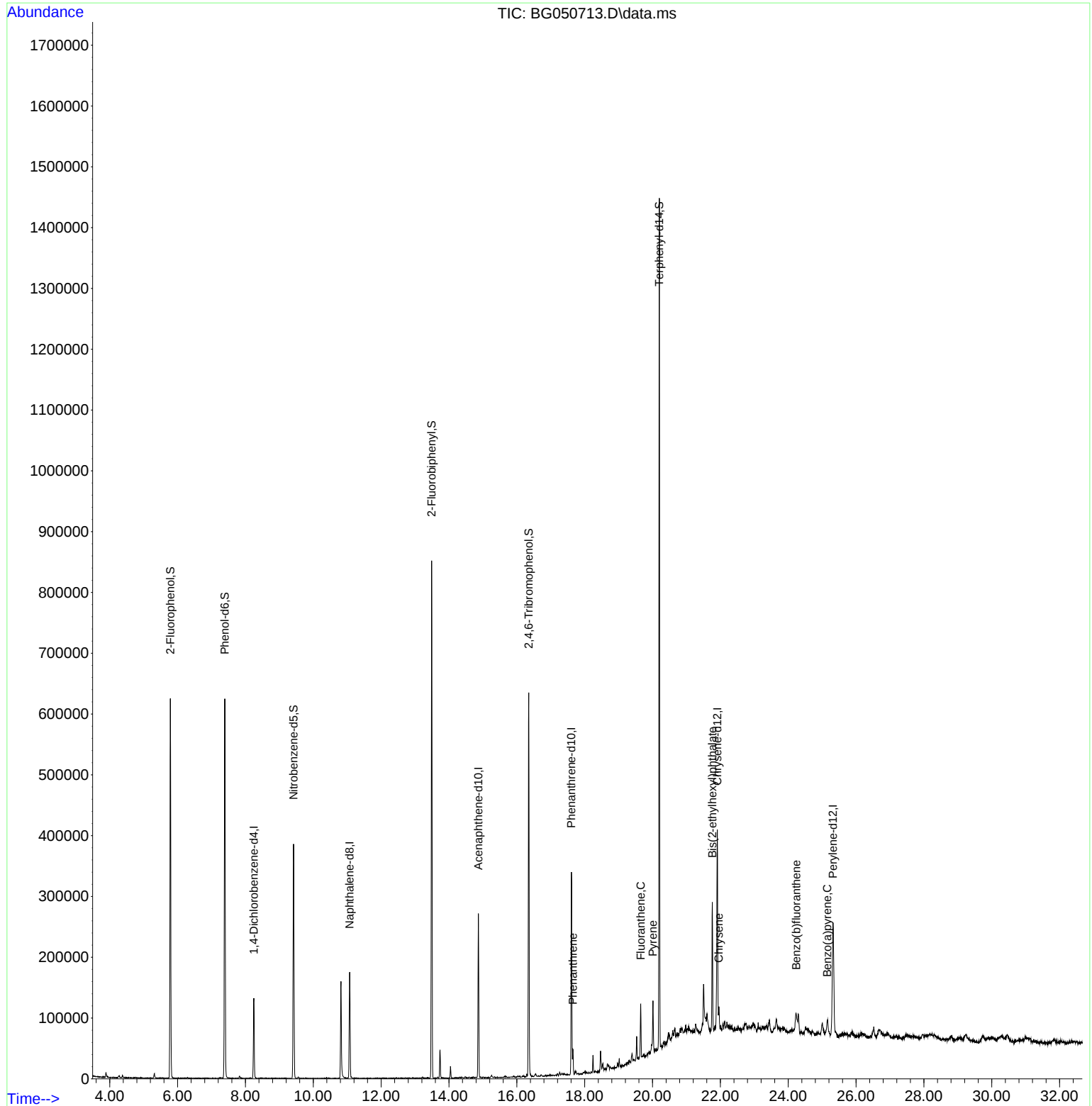
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Data File : BG050713.D
Acq On : 25 Oct 2021 16:40
Operator : CG/JU
Sample : M4329-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

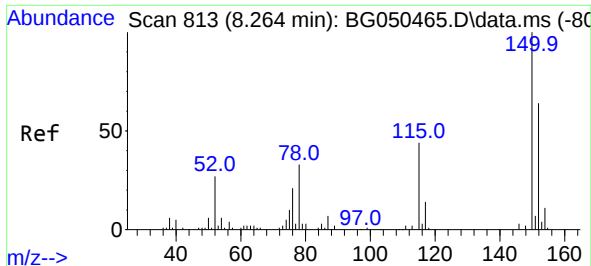
Instrument :
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ClientSampleId :
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Quant Time: Oct 26 02:15:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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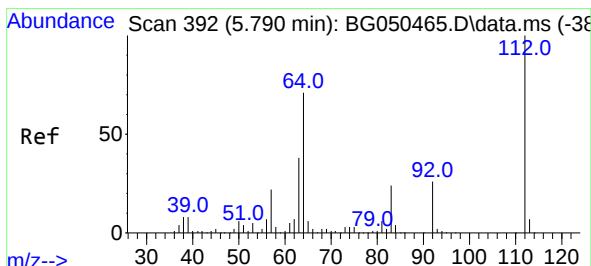
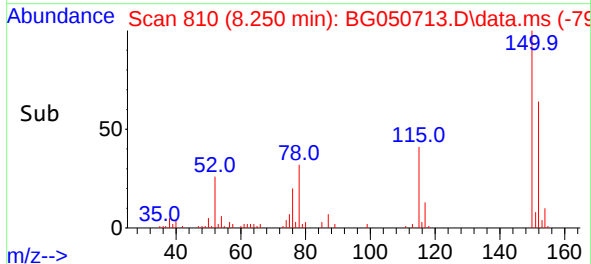
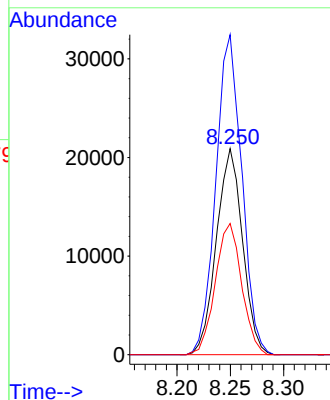
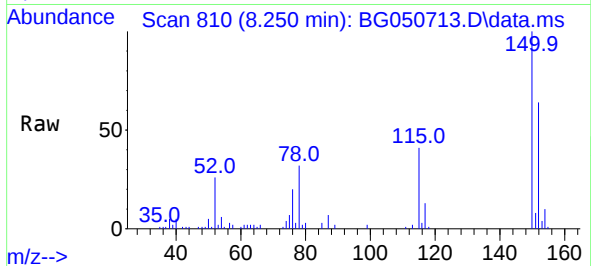
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:152 Resp: 35656
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 63.7 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
PSC124042

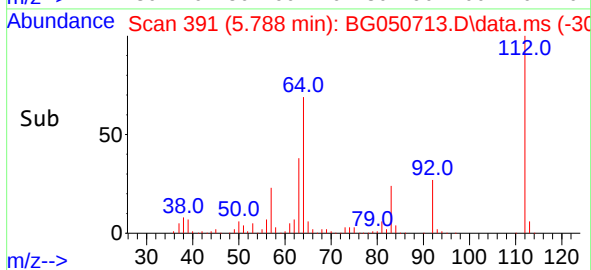
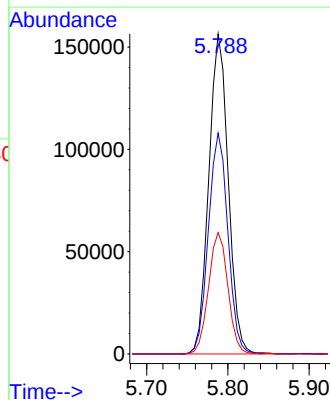
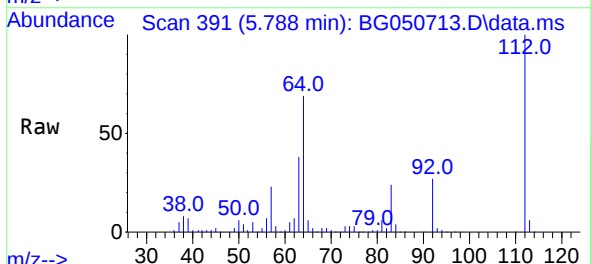
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#5
2-Fluorophenol
Concen: 108.813 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:112 Resp: 259428
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 38.0 35.3 52.9





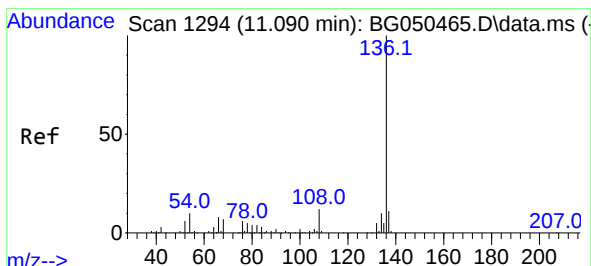
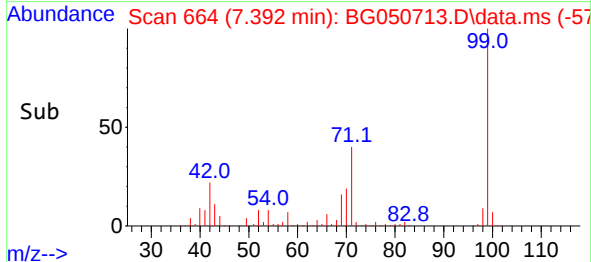
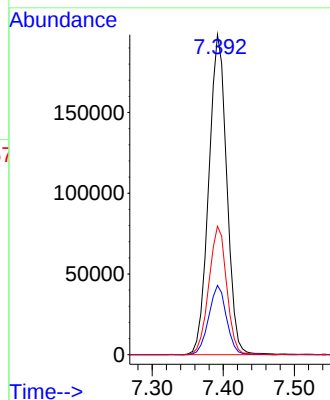
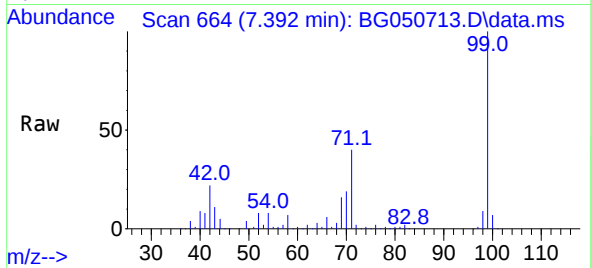
#7
Phenol-d6
Concen: 100.882 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion: 99 Resp: 348231
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.2 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
PSC124042

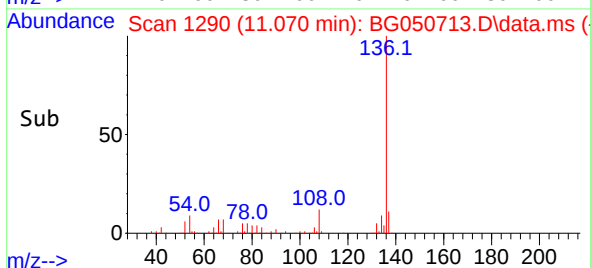
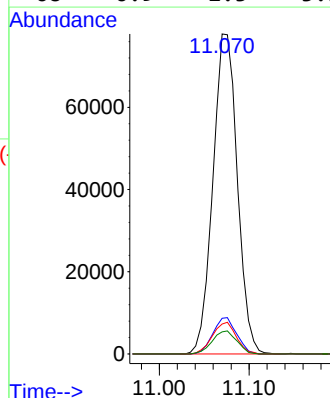
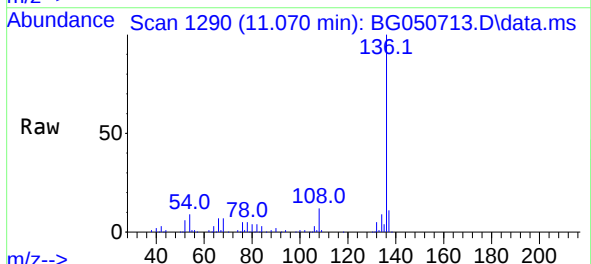
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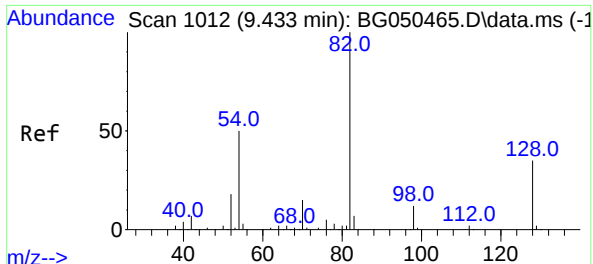
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

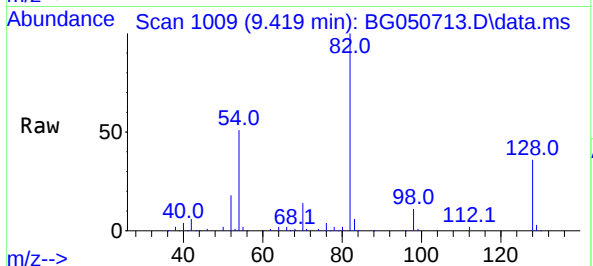
Tgt Ion: 136 Resp: 146871
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.4 5.5 8.3#
68 6.9 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 69.634 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

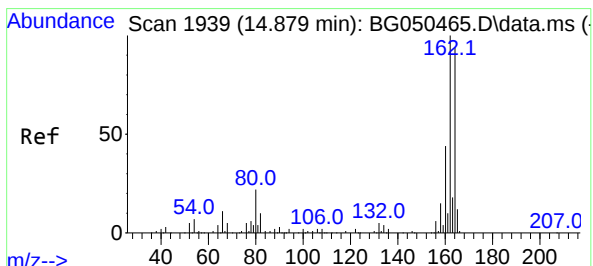
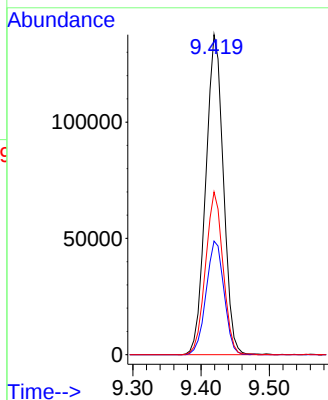
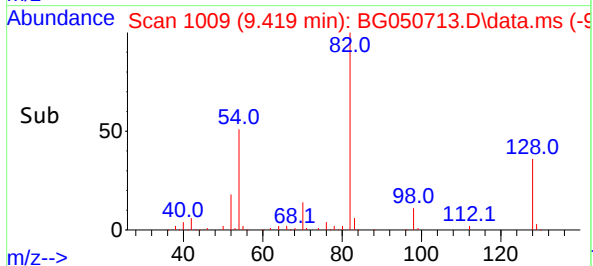
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ClientSampleId :
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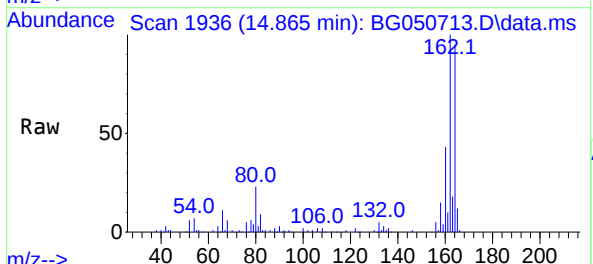
Tgt Ion: 82 Resp: 247059
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.9 45.8 68.8

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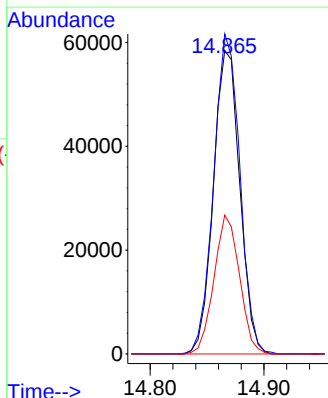
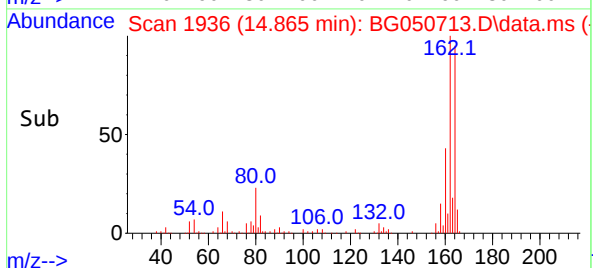
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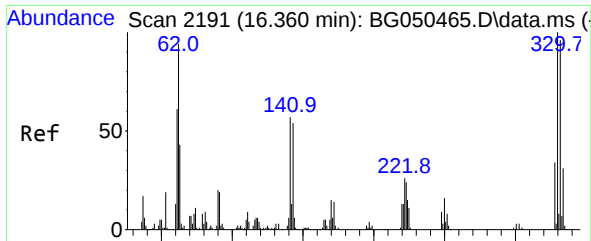


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40



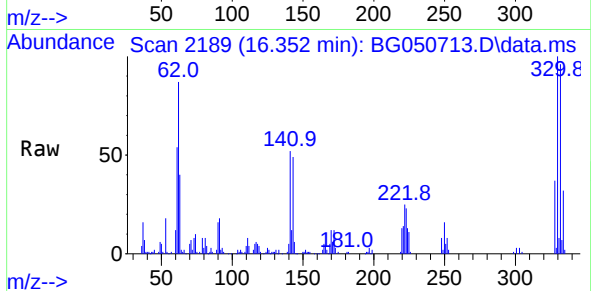
Tgt Ion: 164 Resp: 94130
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 45.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 103.750 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

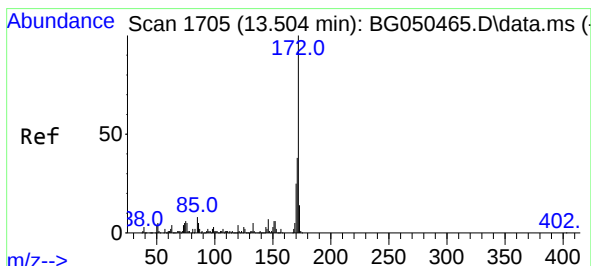
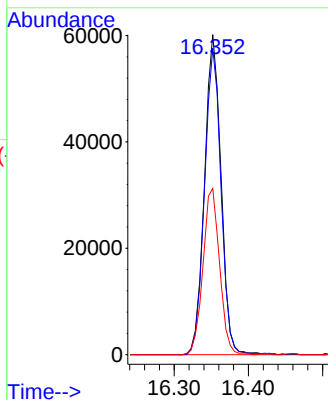
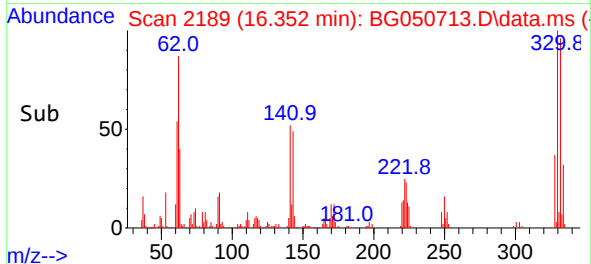
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ClientSampleId :
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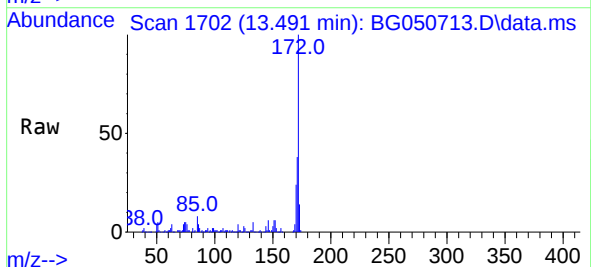
Tgt Ion:330 Resp: 93150
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 52.4 35.6 53.4

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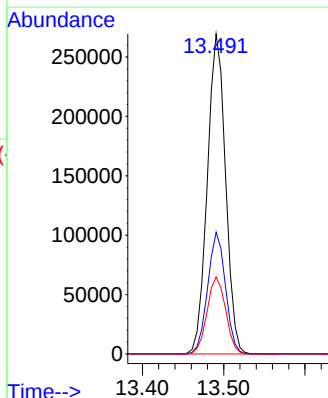
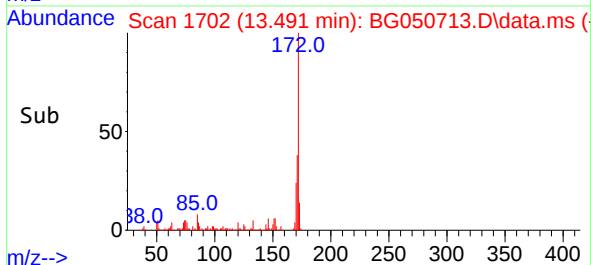
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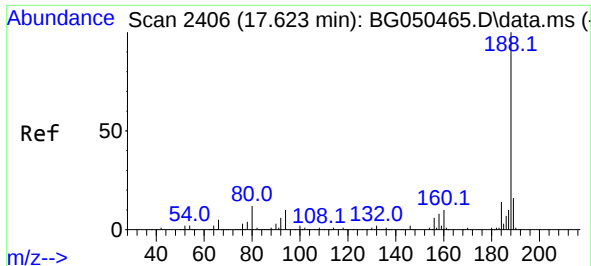


#45
2-Fluorobiphenyl
Concen: 66.929 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40



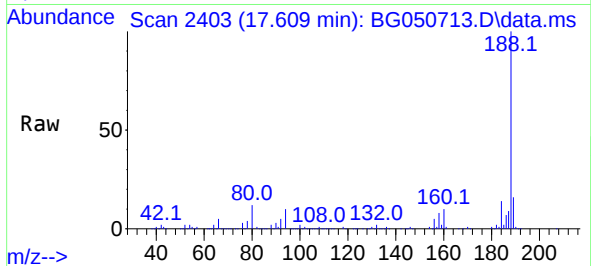
Tgt Ion:172 Resp: 418599
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 24.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

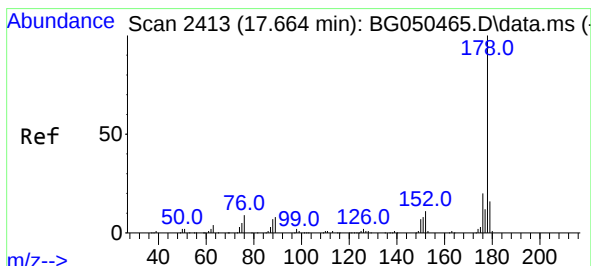
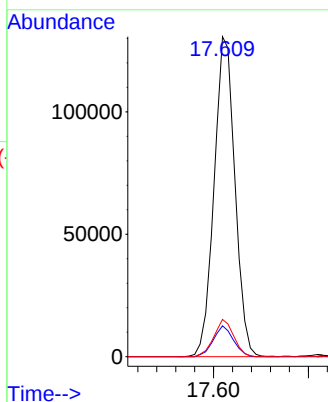
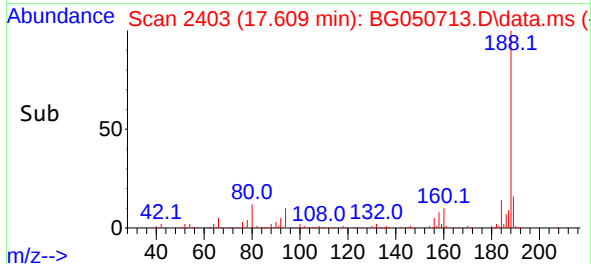
Instrument :
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ClientSampleId :
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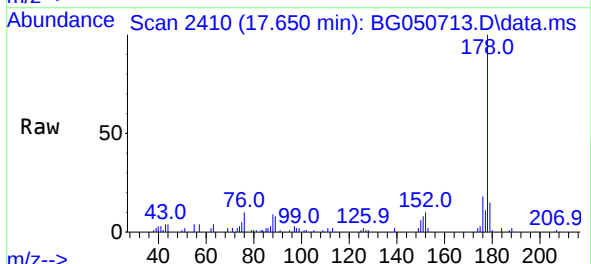
Tgt Ion:188 Resp: 199370
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.7 3.7 5.5#

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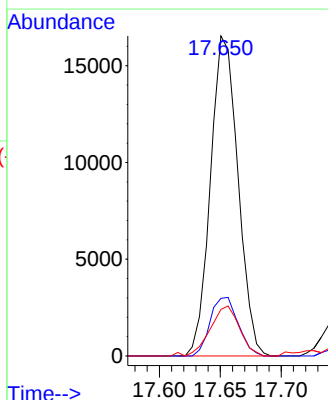
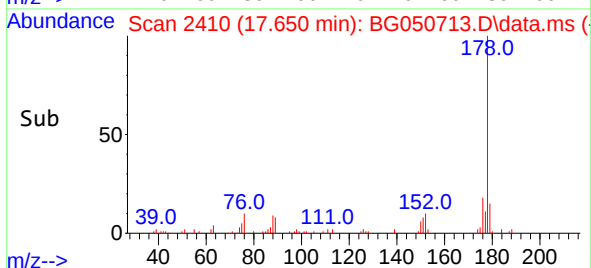
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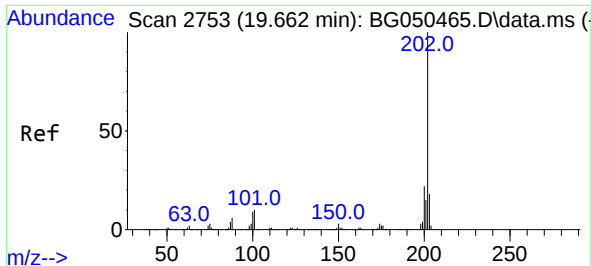


#71
Phenanthrene
Concen: 2.474 ng
RT: 17.650 min Scan# 2410
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40



Tgt Ion:178 Resp: 25989
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.6 14.2 21.4





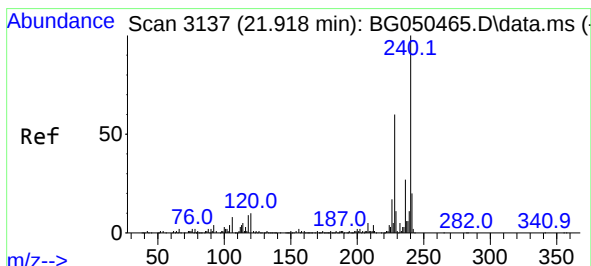
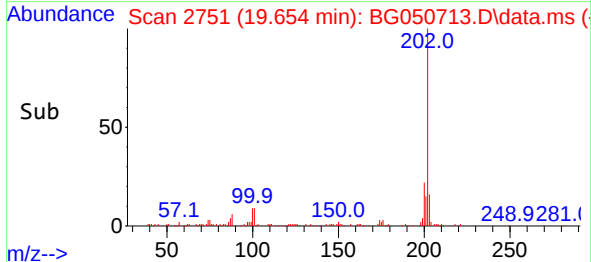
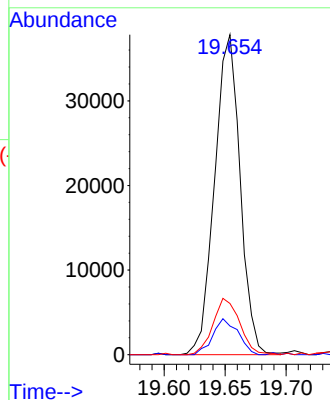
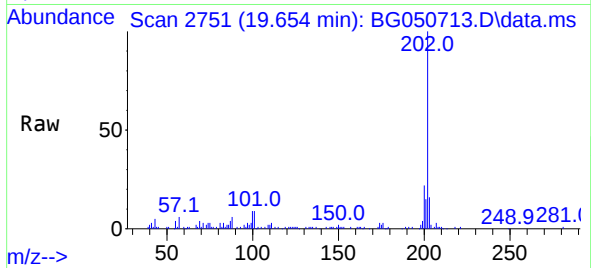
#75
Fluoranthene
Concen: 4.261 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:202 Resp: 55029
Ion Ratio Lower Upper
202 100
101 8.9 0.0 24.7
203 16.0 0.0 38.5

Instrument :
BNA_G
ClientSampleId :
PSC124042

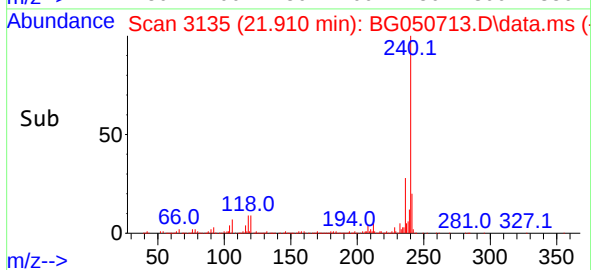
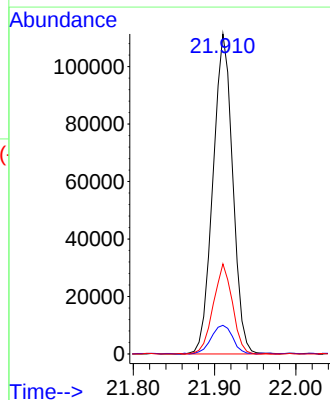
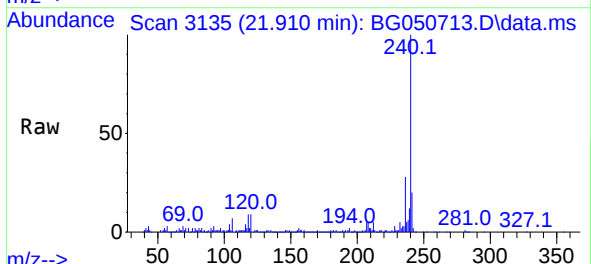
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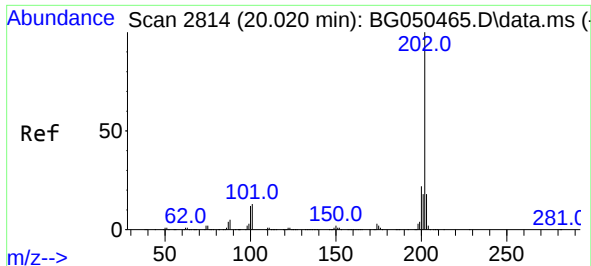
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

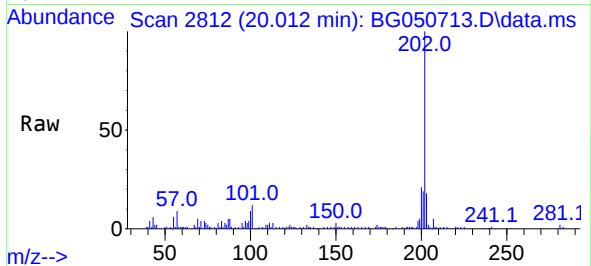
Tgt Ion:240 Resp: 188083
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 28.2 21.8 32.6





#78
Pyrene
Concen: 3.814 ng
RT: 20.012 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

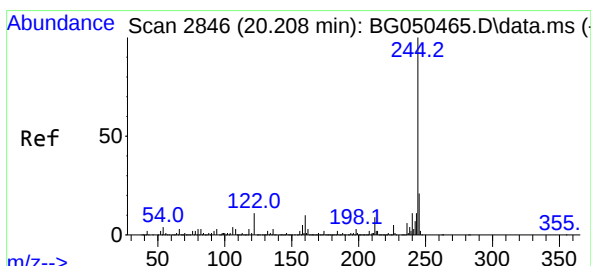
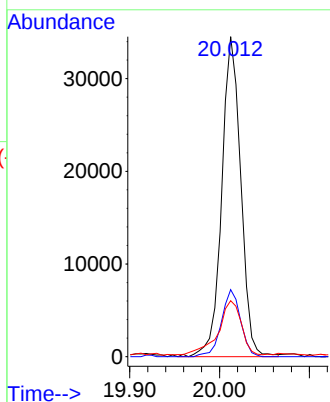
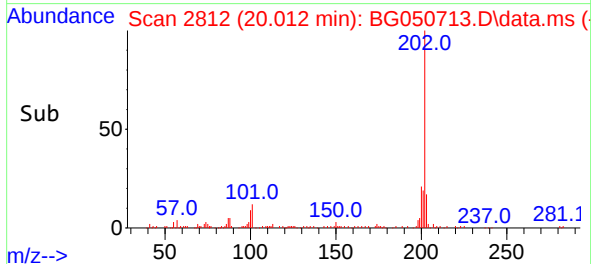
Instrument :
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ClientSampleId :
PSC124042



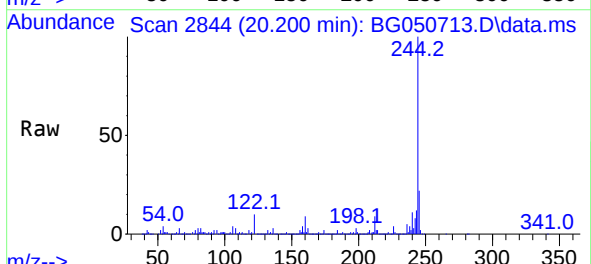
Tgt Ion:202 Resp: 50890
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 17.5 14.6 21.8

Manual Integrations
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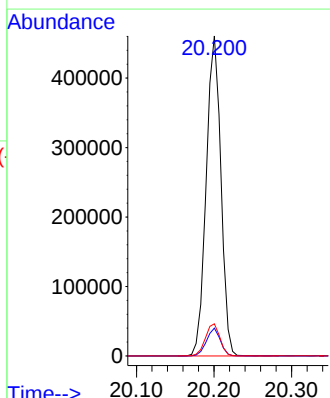
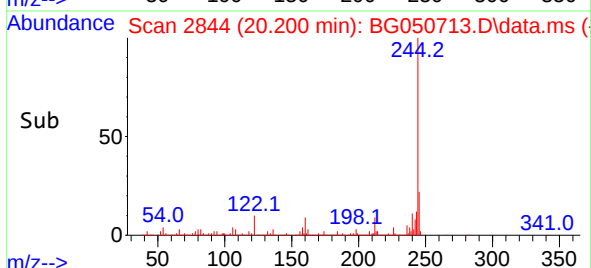
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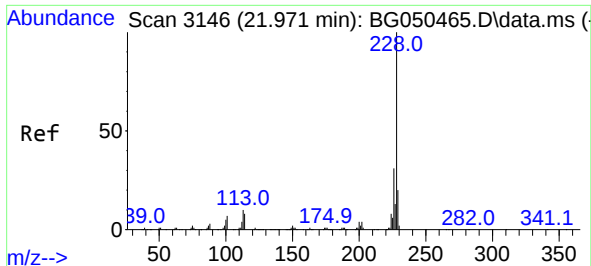


#79
Terphenyl-d14
Concen: 62.654 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40



Tgt Ion:244 Resp: 604680
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 10.1 5.0 7.6#





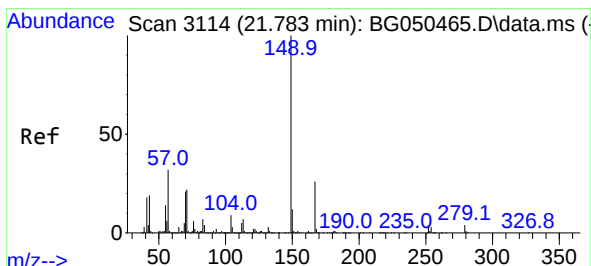
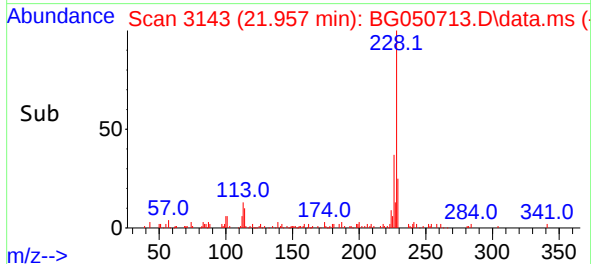
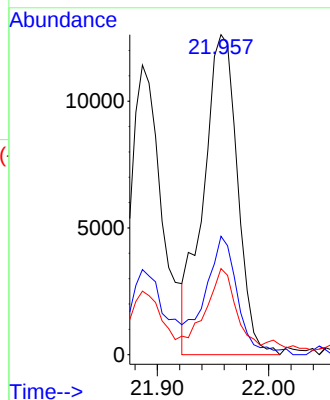
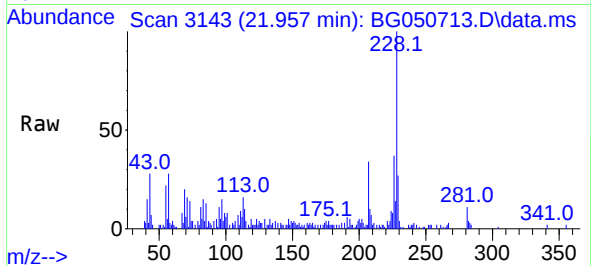
#83
Chrysene
Concen: 2.300 ng m
RT: 21.957 min Scan# 3143
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:228 Resp: 26924
Ion Ratio Lower Upper
228 100
226 37.0 23.1 34.7#
229 26.9 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
PSC124042

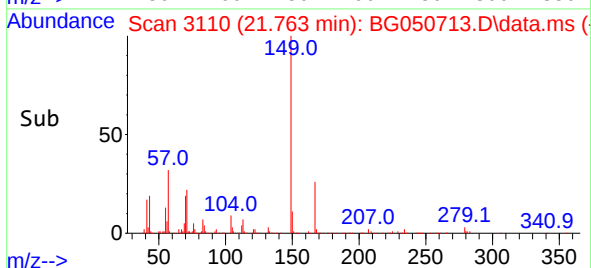
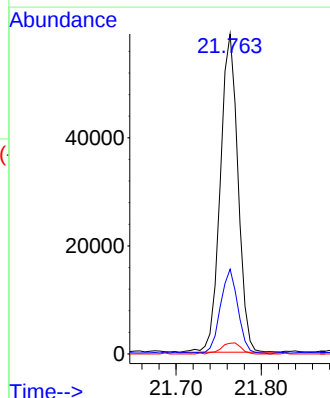
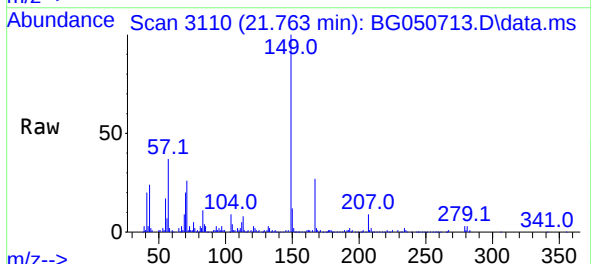
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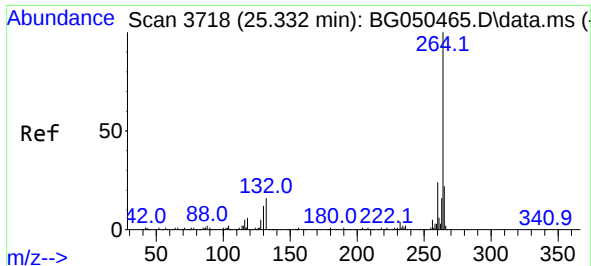
mohammad
10/26/2021 11:31:14 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.574 ng
RT: 21.763 min Scan# 3110
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

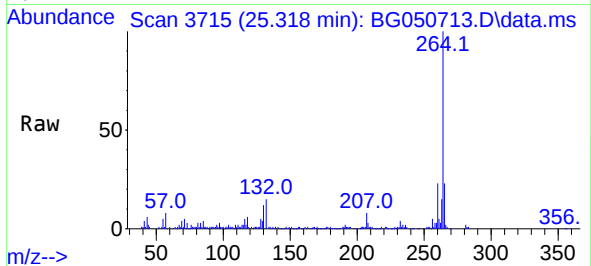
Tgt Ion:149 Resp: 84802
Ion Ratio Lower Upper
149 100
167 26.5 22.3 33.5
279 3.4 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.318 min Scan# 3715
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

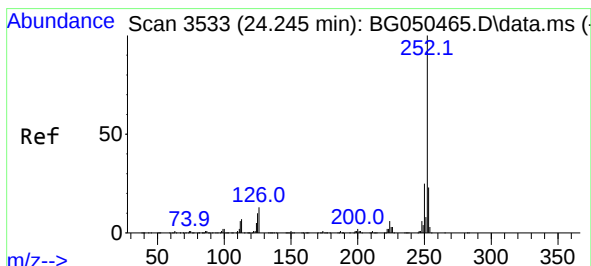
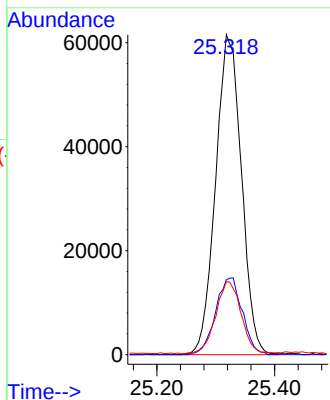
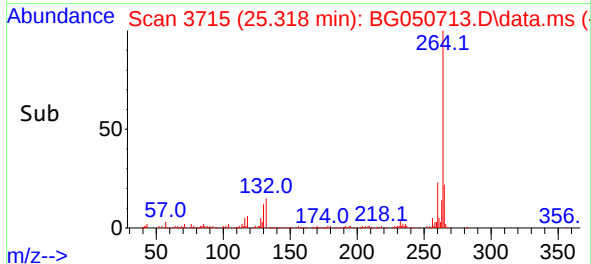
Instrument :
BNA_G
ClientSampleId :
PSC124042



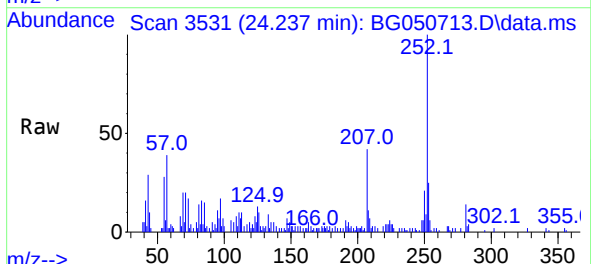
Tgt Ion:264 Resp: 187195
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.7 16.9 25.3

Manual Integrations
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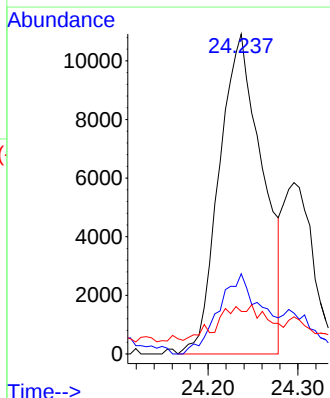
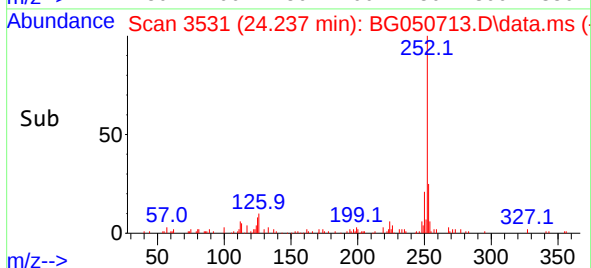
mohammad
10/26/2021 11:31:14 AM

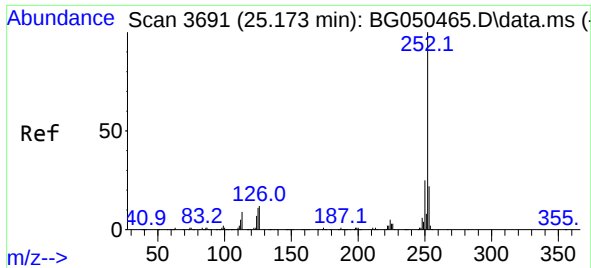


#88
Benzo(b)fluoranthene
Concen: 3.170 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40



Tgt Ion:252 Resp: 36343
Ion Ratio Lower Upper
252 100
253 25.0 16.2 24.4#
125 13.3 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.346 ng
RT: 25.153 min Scan# 3687
Delta R.T. -0.020 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:252 Resp: 22870
Ion Ratio Lower Upper
252 100
253 19.2 16.6 25.0
125 16.8 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
PSC124042

Manual Integrations
APPROVED

mohammad
10/26/2021 11:31:14 AM

