

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050712.D
 Acq On : 25 Oct 2021 15:58
 Operator : CG/JU
 Sample : M4329-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

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

Quant Time: Oct 26 02:14:44 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	8.249	152	39424	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	158819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	95008	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	194151	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	179750	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	183444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	279180	105.906	ng	0.00
7) Phenol-d6	7.391	99	377619	98.941	ng	0.00
23) Nitrobenzene-d5	9.418	82	263729	68.740	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	90342	99.692	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	337025	53.389	ng	0.00
79) Terphenyl-d14	20.200	244	447690	48.538	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.715	142	46486	7.925	ng	94
38) 1-Methylnaphthalene	12.932	142	46557m	8.185	ng	
52) Acenaphthene	14.935	154	14896	2.659	ng	# 73
58) Fluorene	15.911	166	26578	3.993	ng	# 93
71) Phenanthrene	17.656	178	95369	9.322	ng	99
75) Fluoranthene	19.653	202	143585	11.417	ng	96
78) Pyrene	20.018	202	186424	14.618	ng	97
81) Benzo(a)anthracene	21.892	228	60534	5.090	ng	97
83) Chrysene	21.963	228	64265	5.744	ng	96
84) Bis(2-ethylhexyl)phtha...	21.763	149	22828	2.978	ng	98
87) Indeno(1,2,3-cd)pyrene	29.236	276	30367	2.377	ng	# 86
88) Benzo(b)fluoranthene	24.242	252	76153	6.778	ng	# 85
89) Benzo(k)fluoranthene	24.301	252	22438m	2.030	ng	
90) Benzo(a)pyrene	25.165	252	50608	5.298	ng	# 86
92) Benzo(g,h,i)perylene	30.470	276	29597	2.859	ng	# 90

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

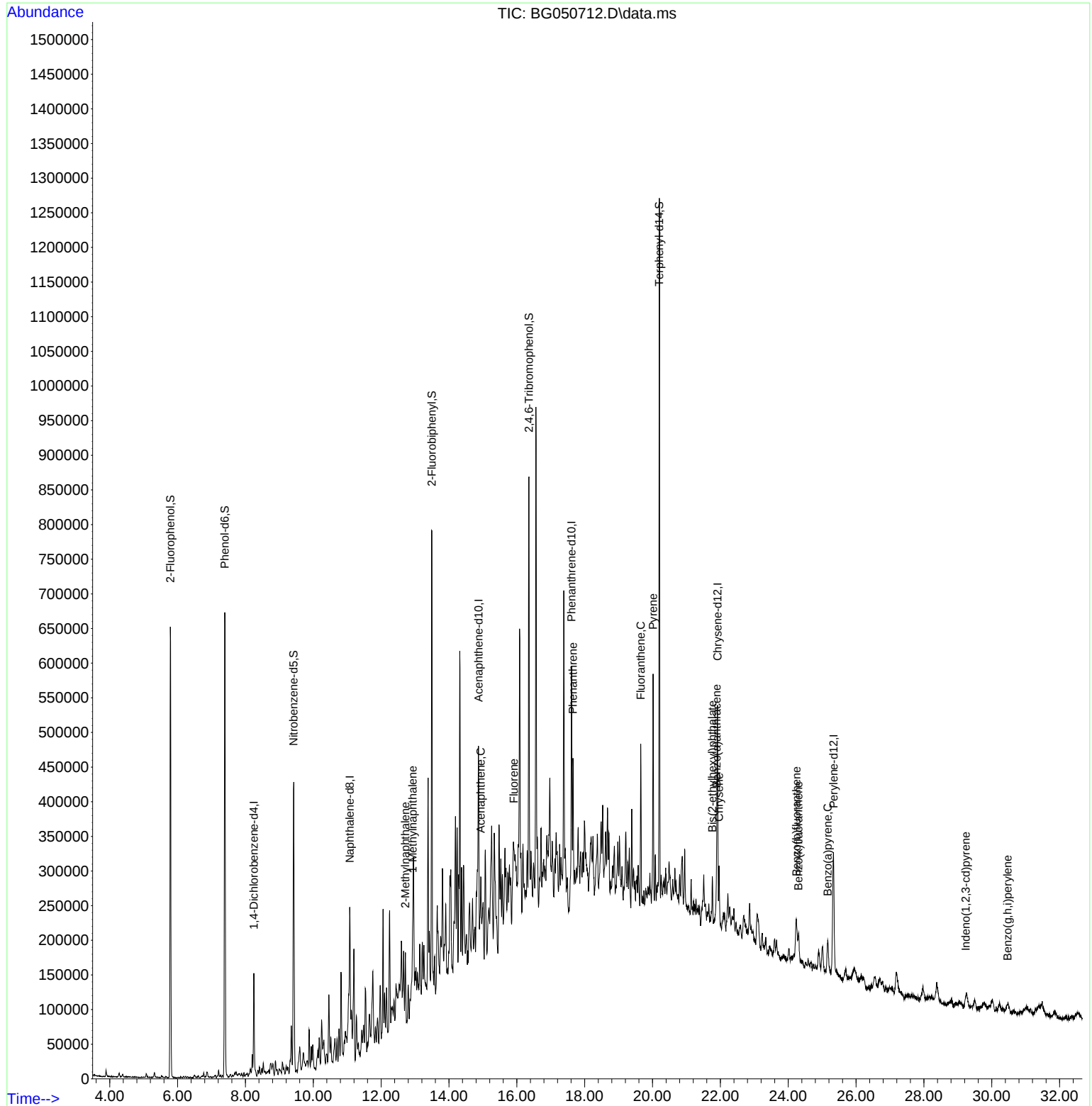
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050712.D
Acq On : 25 Oct 2021 15:58
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Misc :
ALS Vial : 6 Sample Multiplier: 1

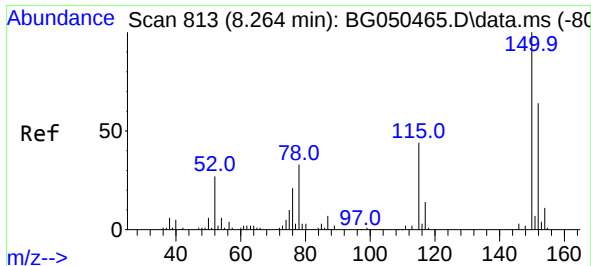
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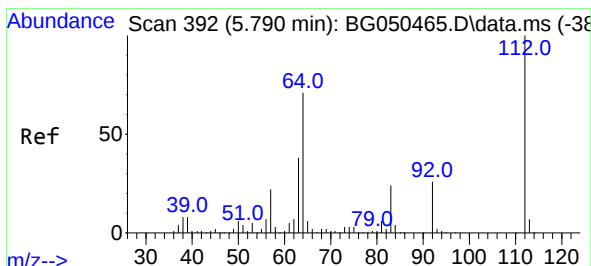
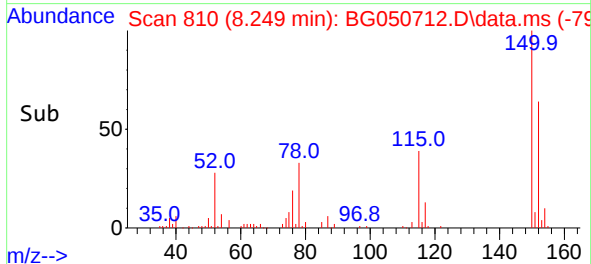
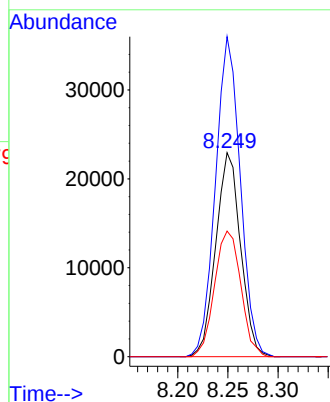
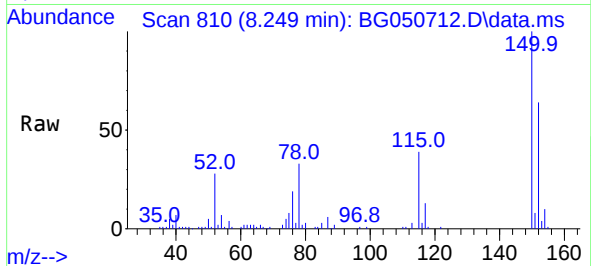
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

Tgt Ion:152 Resp: 39424
Ion Ratio Lower Upper
152 100
150 156.8 119.4 179.0
115 61.6 60.2 90.4

Instrument :
BNA_G
ClientSampled :
PSC124019

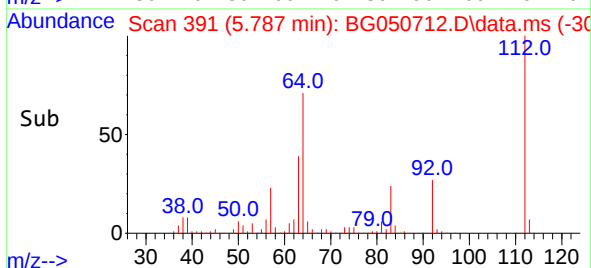
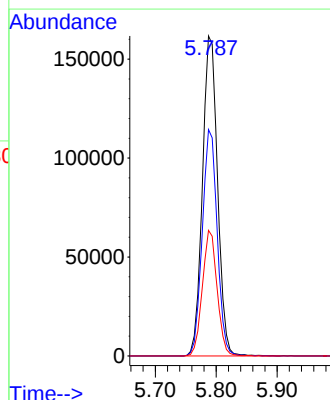
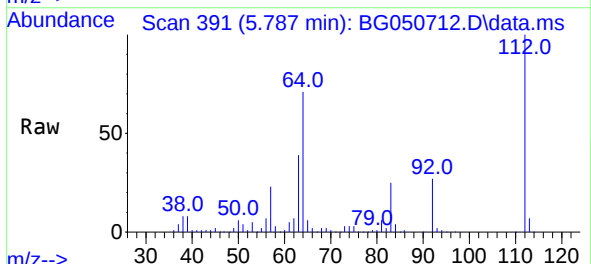
Manual Integrations
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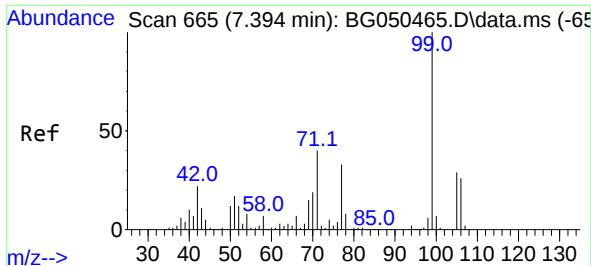
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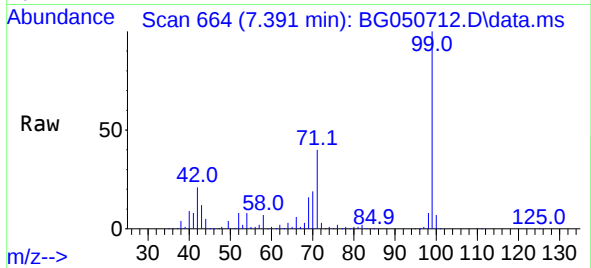
#5
2-Fluorophenol
Concen: 105.906 ng
RT: 5.787 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

Tgt Ion:112 Resp: 279180
Ion Ratio Lower Upper
112 100
64 70.8 46.7 70.1#
63 39.3 35.3 52.9

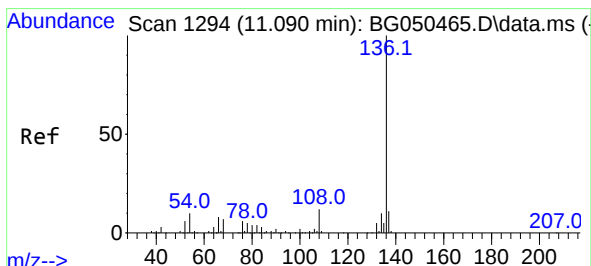
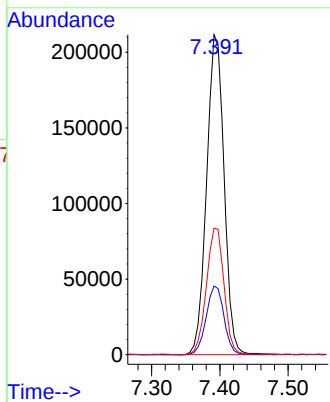
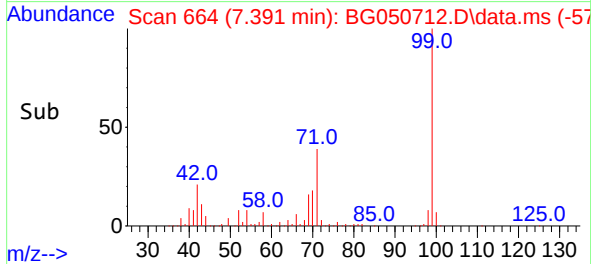




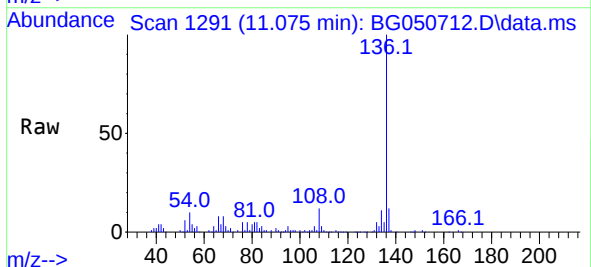
#7
Phenol-d6
Concen: 98.941 ng
RT: 7.391 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



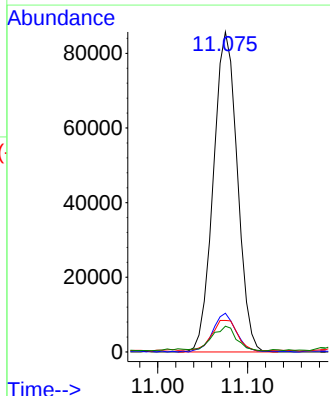
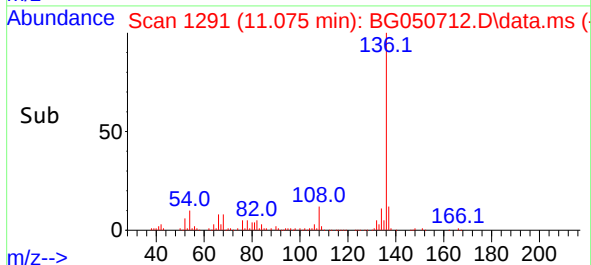
Tgt Ion: 99 Resp: 377619
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 39.6 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



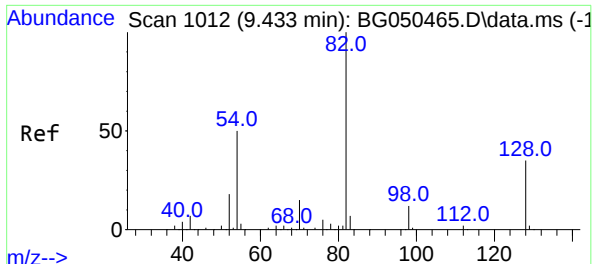
Tgt Ion: 136 Resp: 158819
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 9.8 5.5 8.3#
68 8.1 2.3 3.5#



Instrument :
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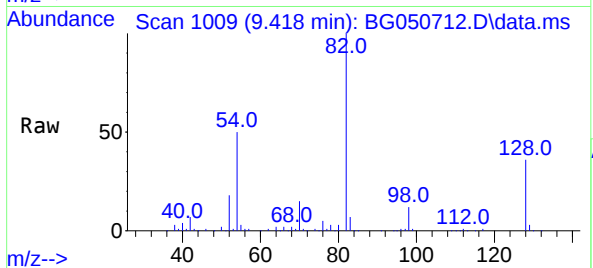
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#23
Nitrobenzene-d5
Concen: 68.740 ng
RT: 9.418 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

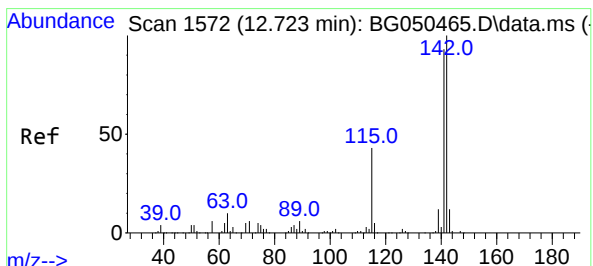
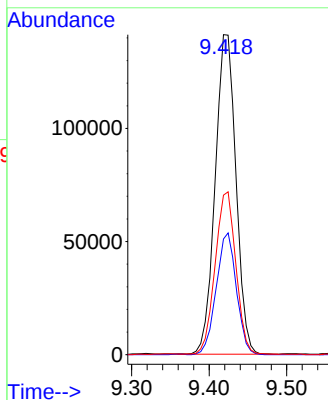
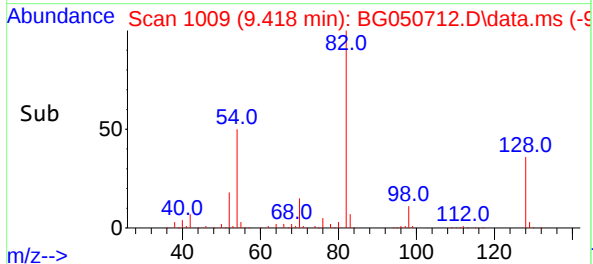
Instrument :
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ClientSampleId :
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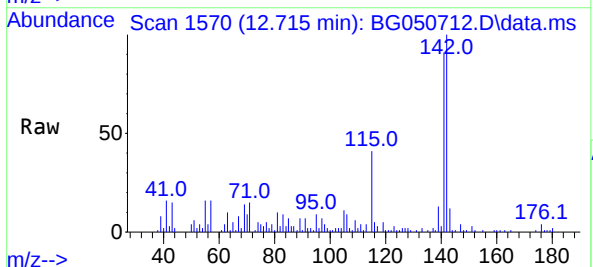
Tgt Ion: 82 Resp: 263729
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 49.9 45.8 68.8

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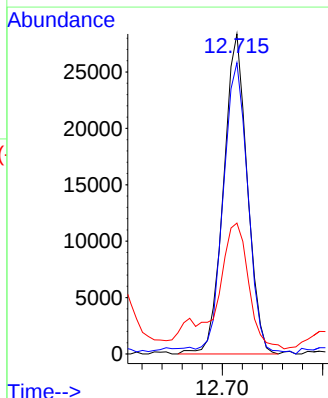
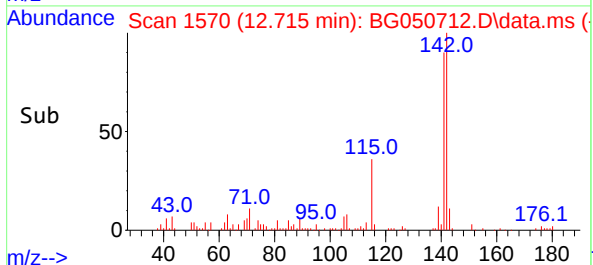
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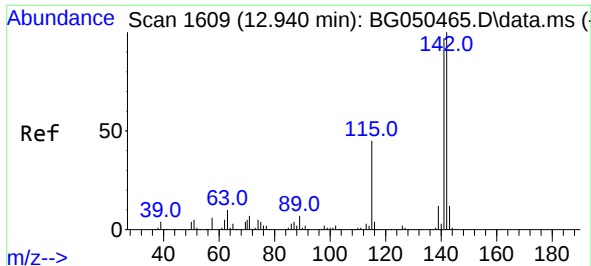


#37
2-Methylnaphthalene
Concen: 7.925 ng
RT: 12.715 min Scan# 1570
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



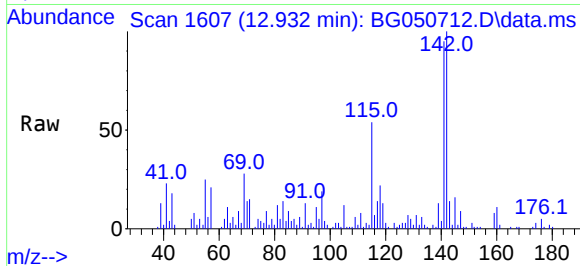
Tgt Ion: 142 Resp: 46486
Ion Ratio Lower Upper
142 100
141 91.0 68.8 103.2
115 40.9 36.4 54.6





#38
1-Methylnaphthalene
Concen: 8.185 ng m
RT: 12.932 min Scan# 1607
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

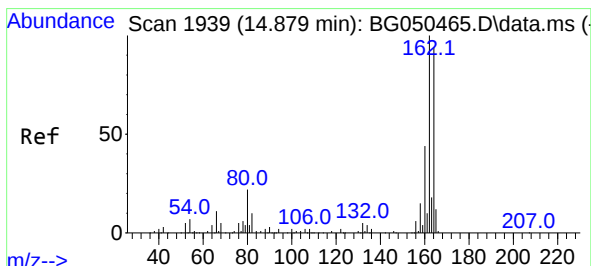
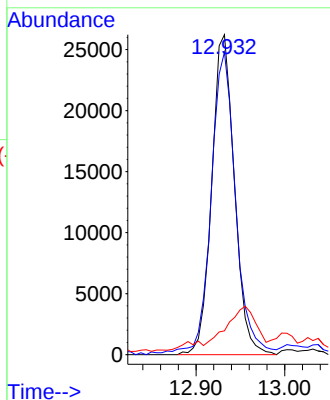
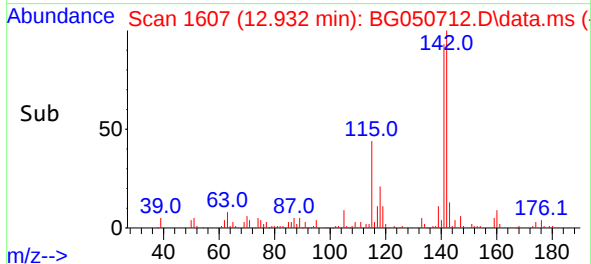
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ClientSampleId :
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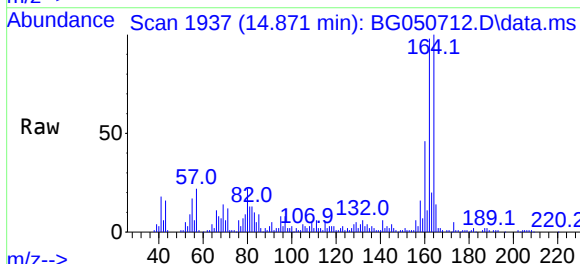
Tgt Ion:142 Resp: 46557
Ion Ratio Lower Upper
142 100
141 94.5 70.6 106.0
116 7.4 4.0 6.0#

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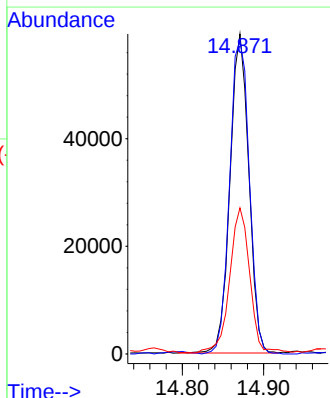
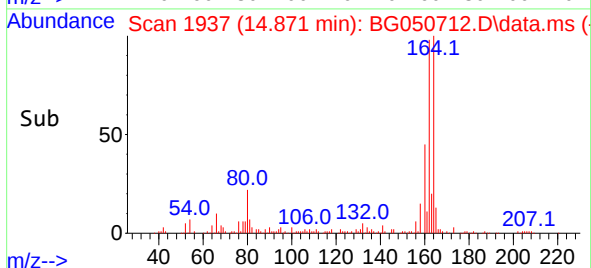
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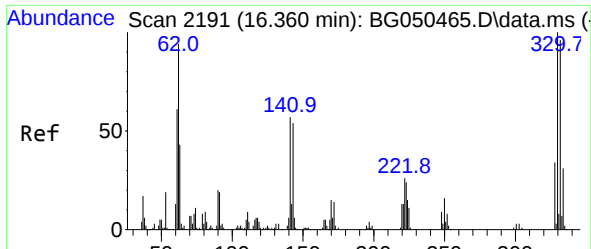


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



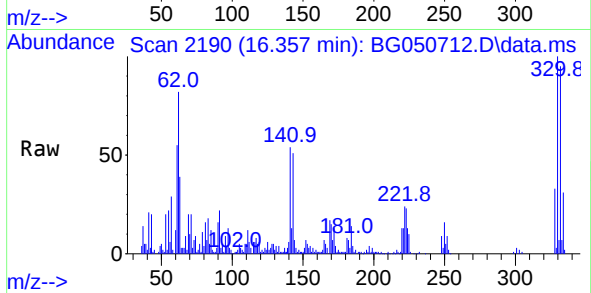
Tgt Ion:164 Resp: 95008
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 45.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 99.692 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

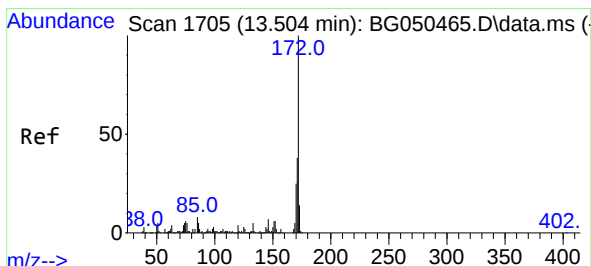
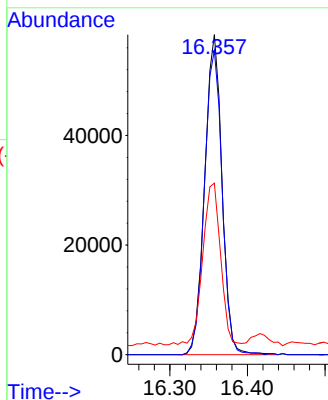
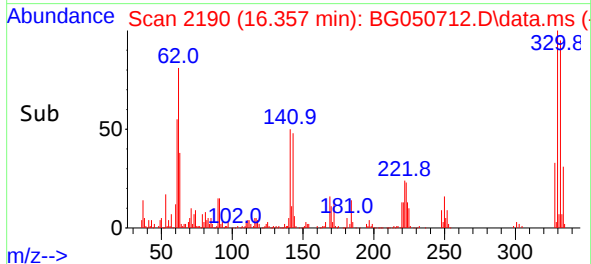
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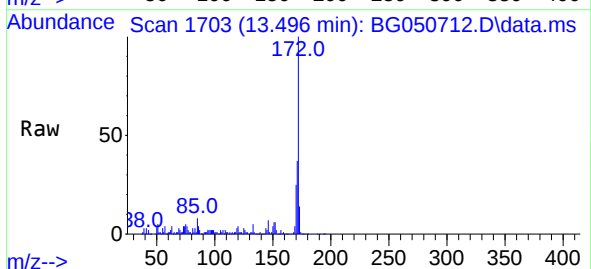
Tgt Ion:330 Resp: 90342
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 51.9 35.6 53.4

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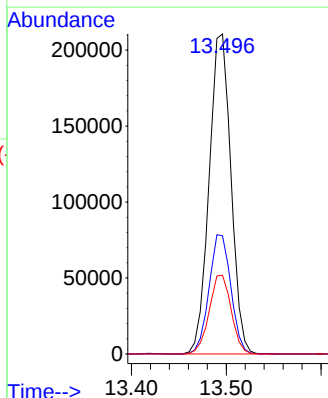
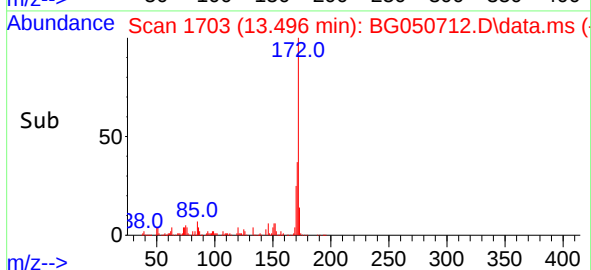
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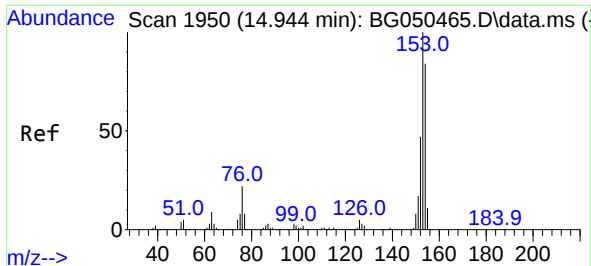


#45
2-Fluorobiphenyl
Concen: 53.389 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



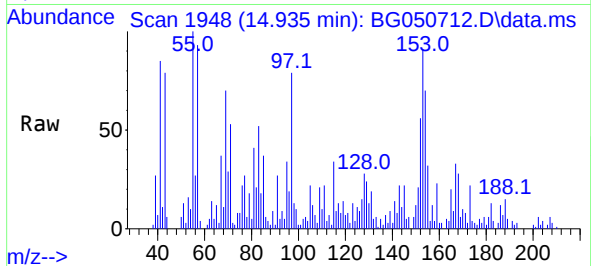
Tgt Ion:172 Resp: 337025
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.6 18.6 27.8





#52
Acenaphthene
Concen: 2.659 ng
RT: 14.935 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

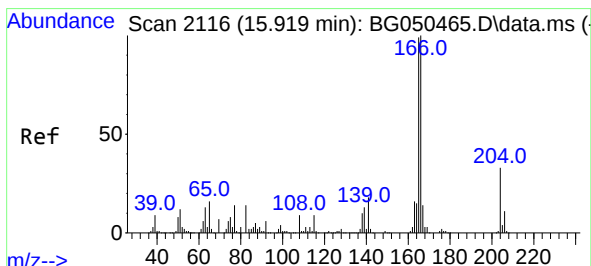
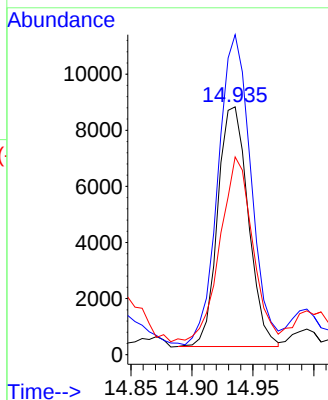
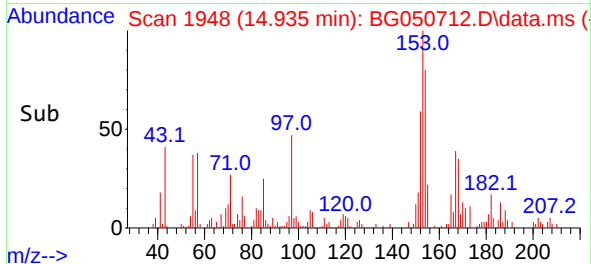
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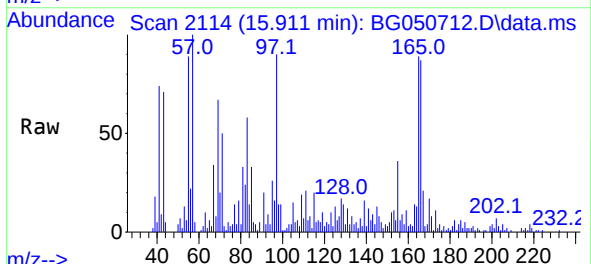
Tgt Ion:154 Resp: 14896
Ion Ratio Lower Upper
154 100
153 129.1 87.0 130.4
152 79.8 40.1 60.1#

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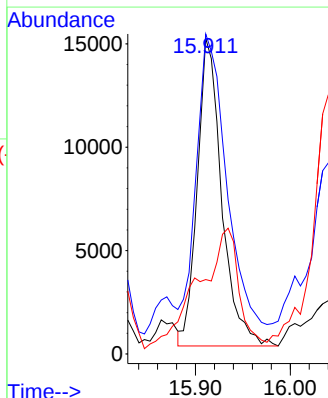
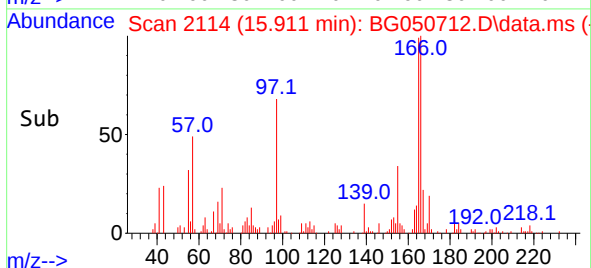
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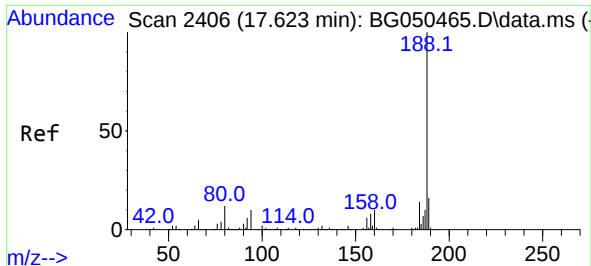


#58
Fluorene
Concen: 3.993 ng
RT: 15.911 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



Tgt Ion:166 Resp: 26578
Ion Ratio Lower Upper
166 100
165 101.4 77.7 116.5
167 23.6 10.8 16.2#





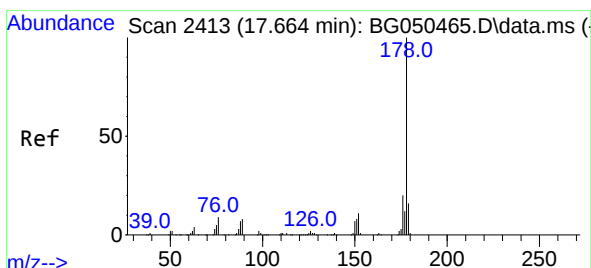
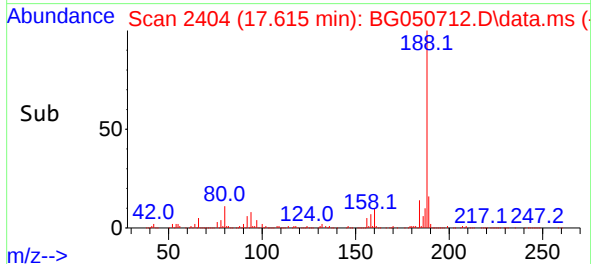
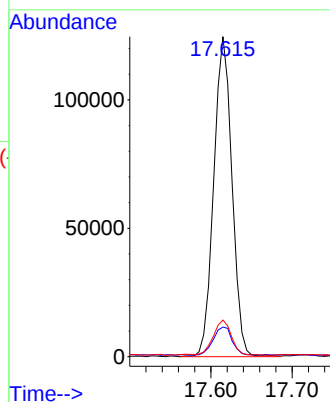
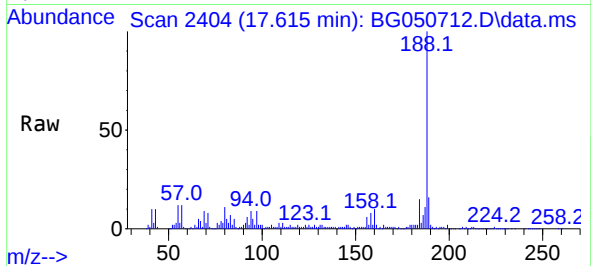
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Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

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ClientSampleId :
PSC124019

Tgt Ion:188 Resp: 194151
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.5 3.7 5.5#

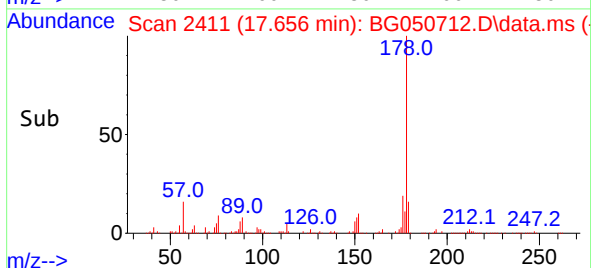
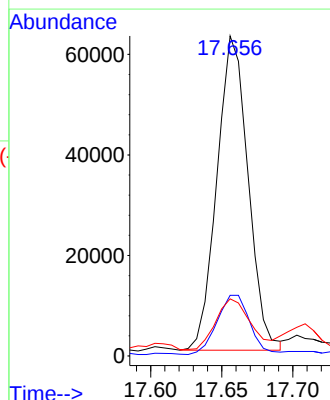
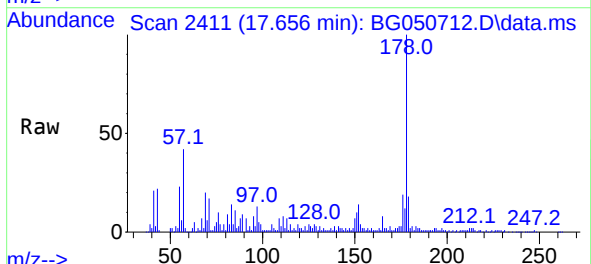
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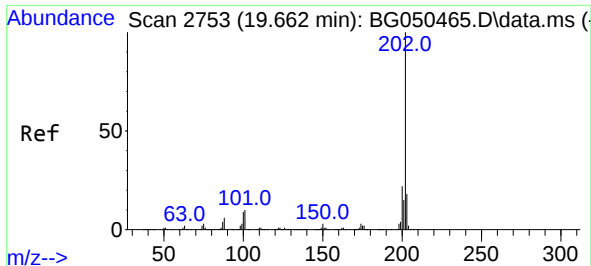
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#71
Phenanthrene
Concen: 9.322 ng
RT: 17.656 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

Tgt Ion:178 Resp: 95369
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 17.9 14.2 21.4





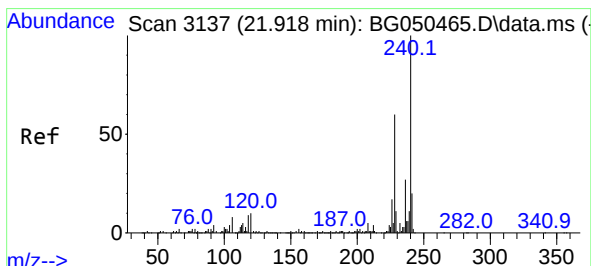
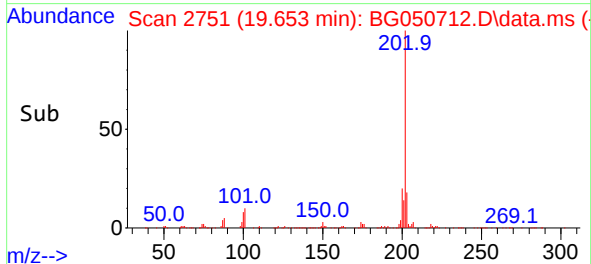
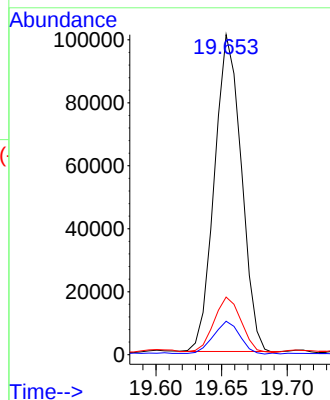
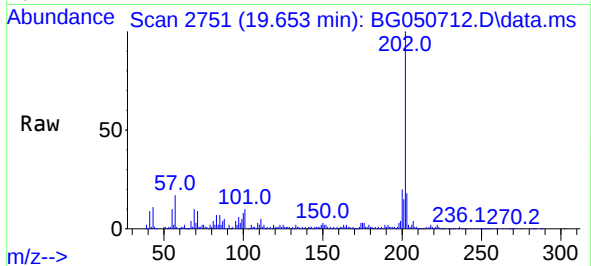
#75
Fluoranthene
Concen: 11.417 ng
RT: 19.653 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

Tgt Ion:	202	Resp:	143585
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	24.7
203	18.0	0.0	38.5

Instrument :
BNA_G
ClientSampleId :
PSC124019

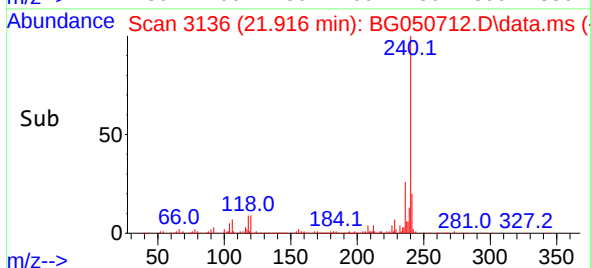
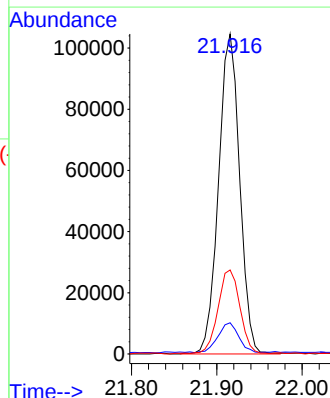
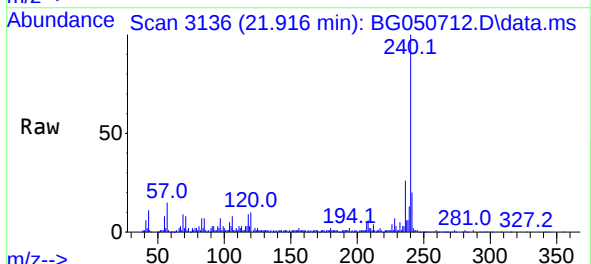
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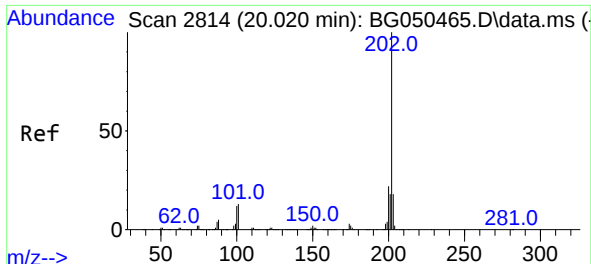
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

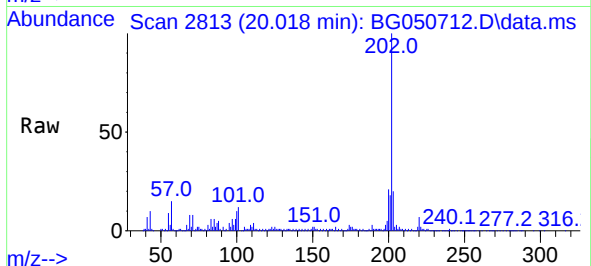
Tgt Ion:	240	Resp:	179750
Ion Ratio	Lower	Upper	
240	100		
120	9.7	4.2	6.2#
236	26.2	21.8	32.6





#78
Pyrene
Concen: 14.618 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

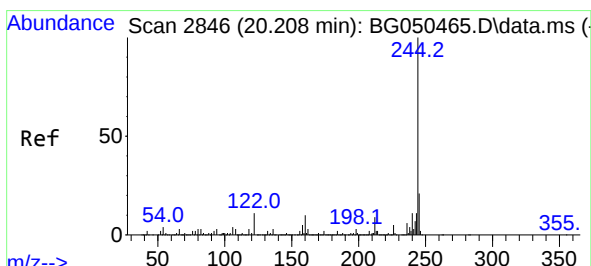
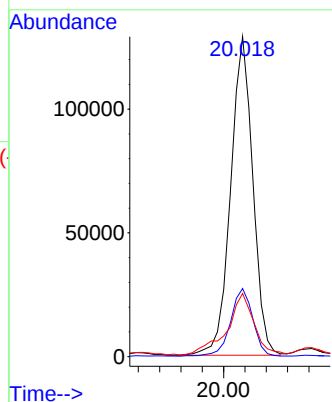
Instrument :
BNA_G
ClientSampleId :
PSC124019



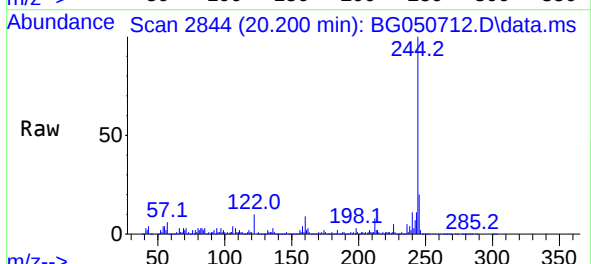
Tgt Ion:202 Resp: 186424
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 19.8 14.6 21.8

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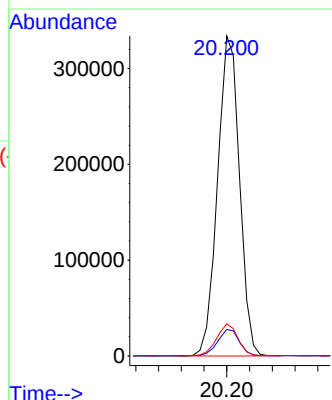
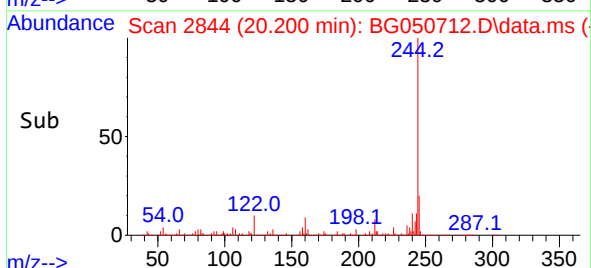
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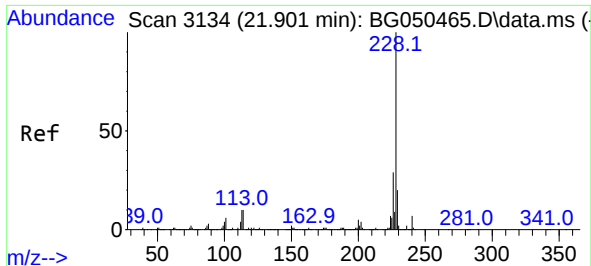


#79
Terphenyl-d14
Concen: 48.538 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



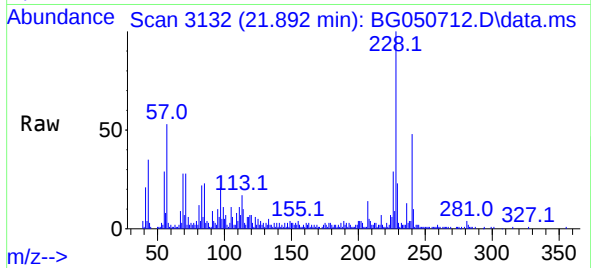
Tgt Ion:244 Resp: 447690
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.0 5.0 7.6#





#81
Benzo(a)anthracene
Concen: 5.090 ng
RT: 21.892 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

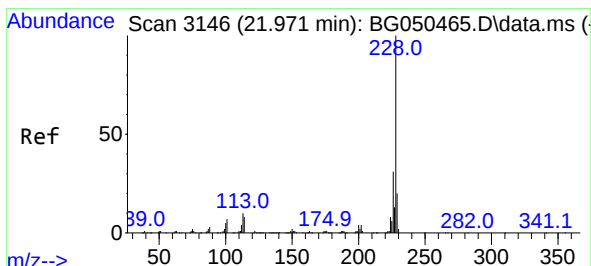
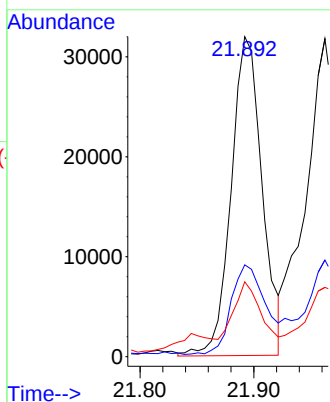
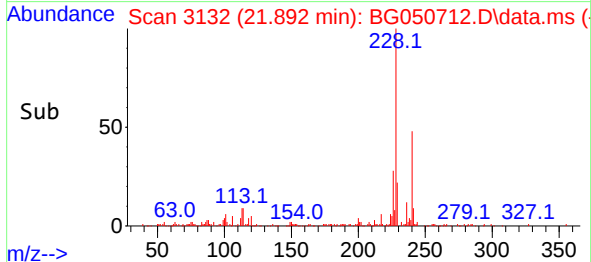
Instrument :
BNA_G
ClientSampled :
PSC124019



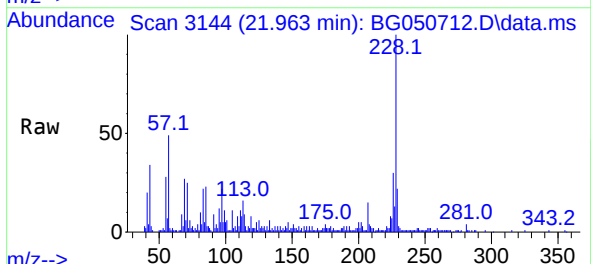
Tgt Ion:228 Resp: 60534
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 23.4 16.0 24.0

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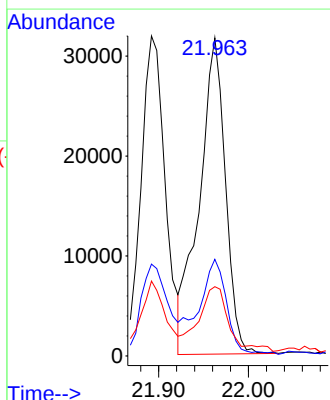
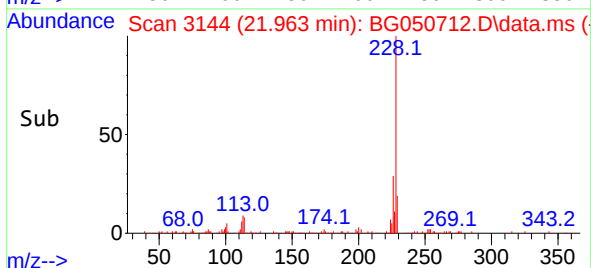
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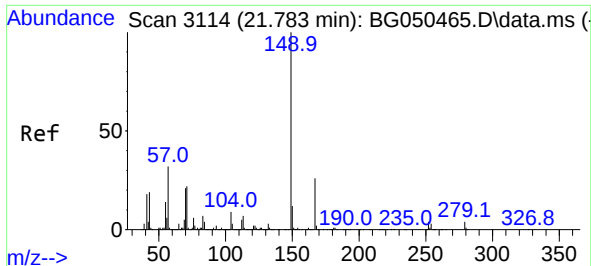


#83
Chrysene
Concen: 5.744 ng
RT: 21.963 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

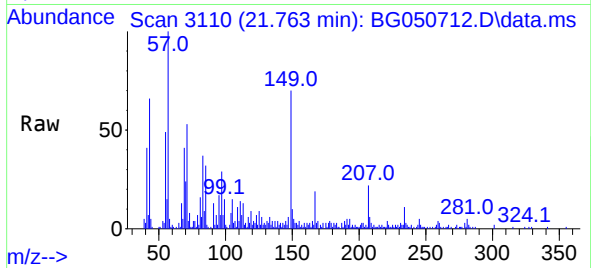


Tgt Ion:228 Resp: 64265
Ion Ratio Lower Upper
228 100
226 30.4 23.1 34.7
229 21.8 15.3 22.9

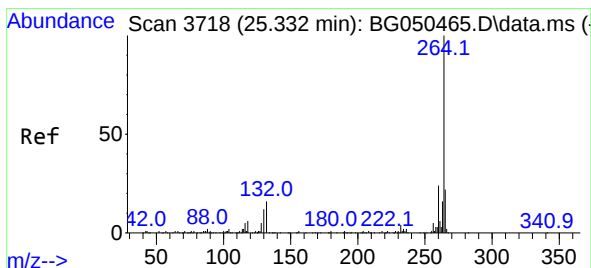
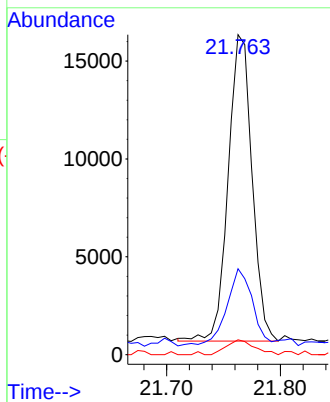
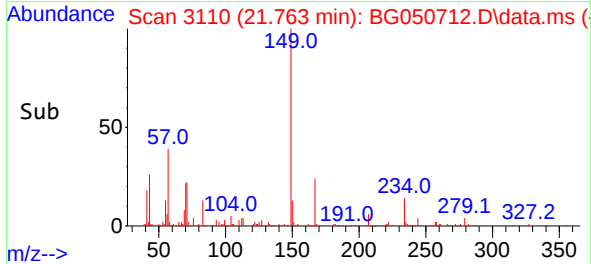




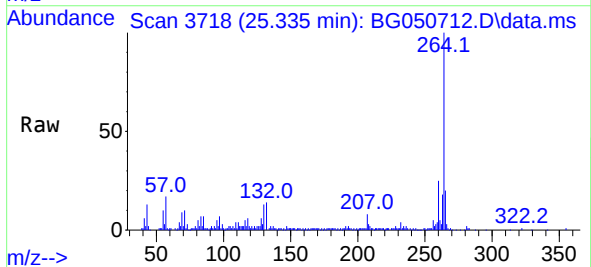
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.978 ng
RT: 21.763 min Scan# 3110
Delta R.T. -0.015 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



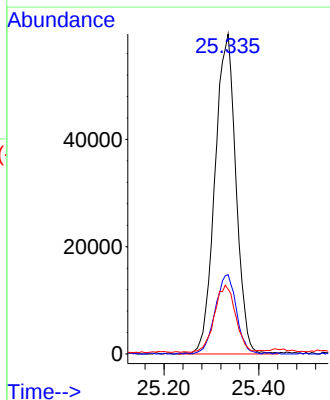
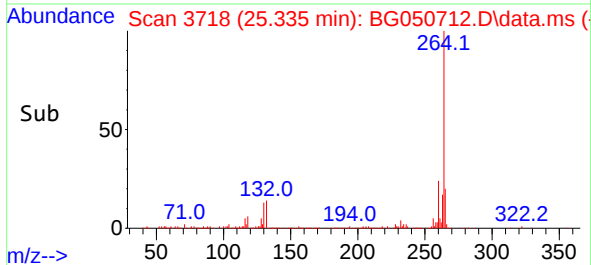
Tgt Ion:149 Resp: 22828
Ion Ratio Lower Upper
149 100
167 26.9 22.3 33.5
279 4.7 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.335 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



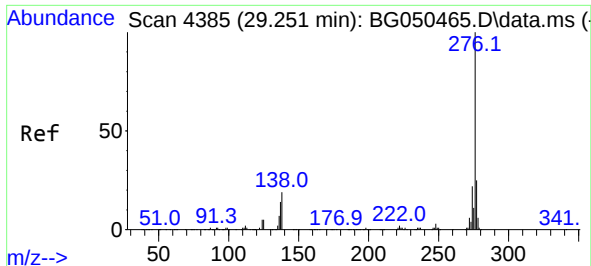
Tgt Ion:264 Resp: 183444
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 20.2 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
PSC124019

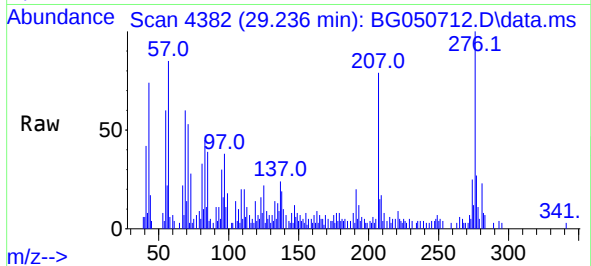
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.377 ng
RT: 29.236 min Scan# 4382
Delta R.T. -0.027 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58

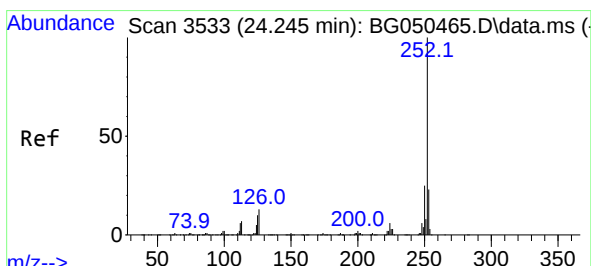
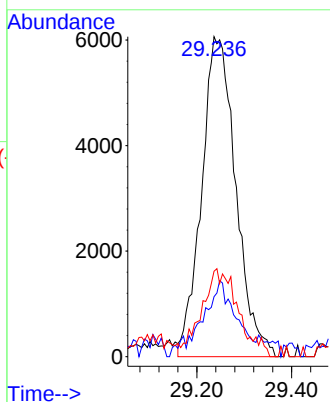
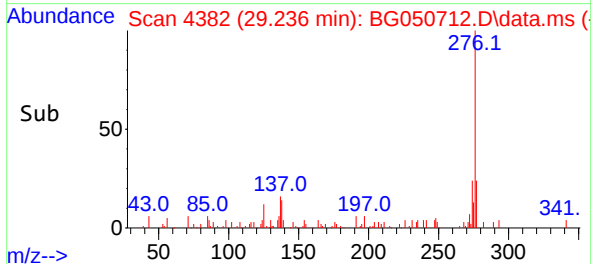
Instrument :
BNA_G
ClientSampleId :
PSC124019



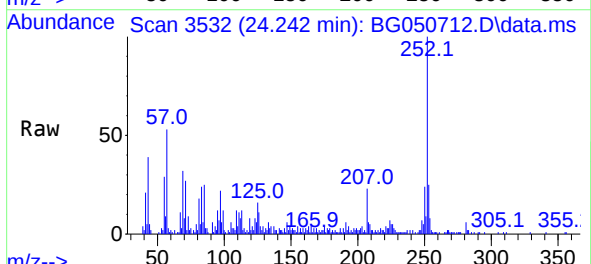
Tgt Ion:276 Resp: 30367
Ion Ratio Lower Upper
276 100
138 17.8 5.1 7.7#
277 29.1 19.8 29.6

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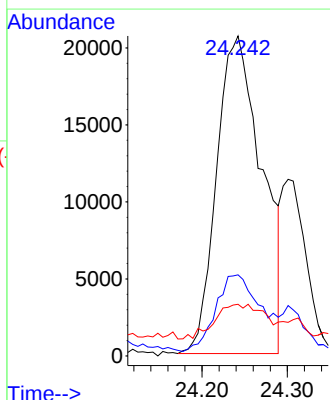
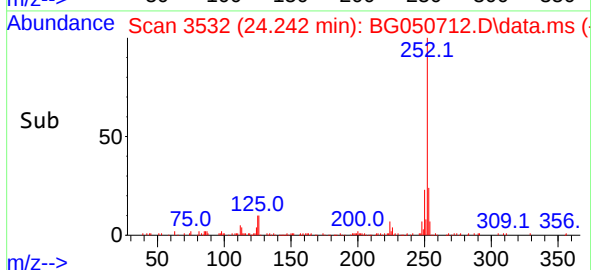
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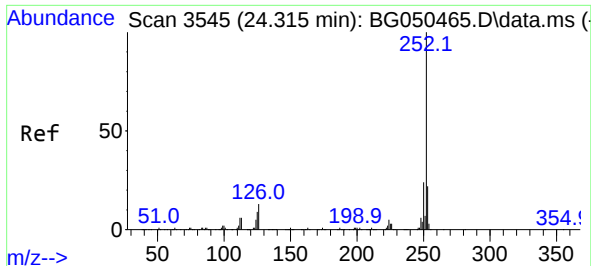


#88
Benzo(b)fluoranthene
Concen: 6.778 ng
RT: 24.242 min Scan# 3532
Delta R.T. -0.003 min
Lab File: BG050712.D
Acq: 25 Oct 2021 15:58



Tgt Ion:252 Resp: 76153
Ion Ratio Lower Upper
252 100
253 25.3 16.2 24.4#
125 16.1 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 2.030 ng m

RT: 24.301 min Scan# 3542

Delta R.T. -0.015 min

Lab File: BG050712.D

Acq: 25 Oct 2021 15:58

Tgt Ion:	252	Resp:	22438
Ion Ratio	Lower	Upper	
252	100		
253	28.6	18.0	27.0#
125	19.0	3.1	4.7#

Instrument :

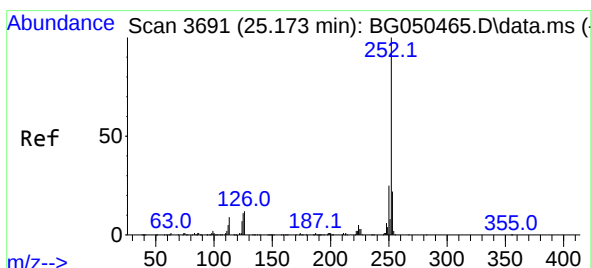
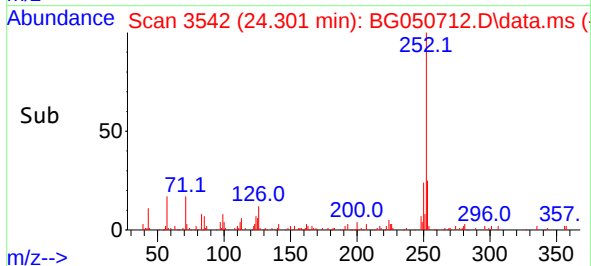
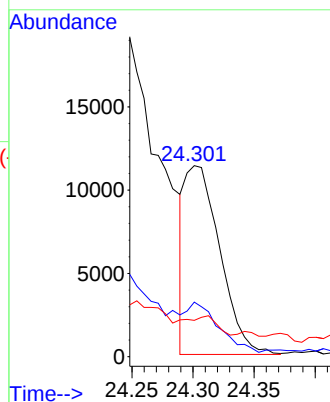
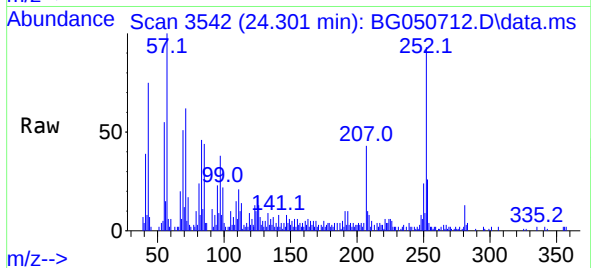
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 5.298 ng

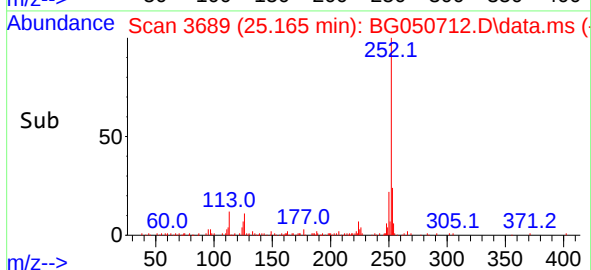
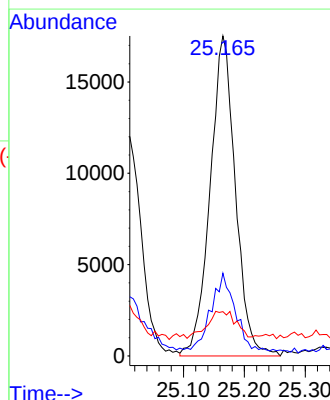
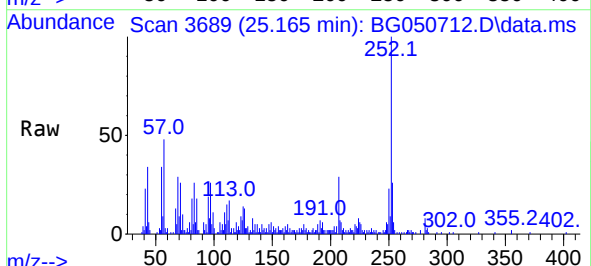
RT: 25.165 min Scan# 3689

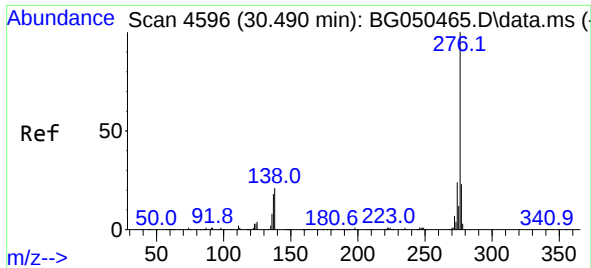
Delta R.T. -0.009 min

Lab File: BG050712.D

Acq: 25 Oct 2021 15:58

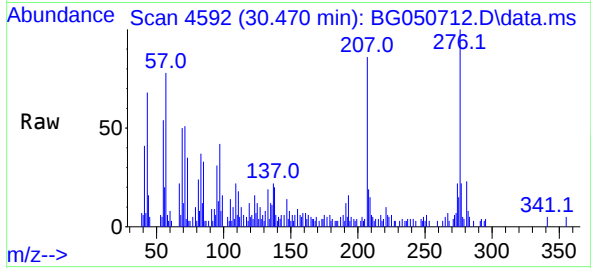
Tgt Ion:	252	Resp:	50608
Ion Ratio	Lower	Upper	
252	100		
253	25.8	16.6	25.0#
125	13.8	3.5	5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.859 ng
 RT: 30.470 min Scan# 4592
 Delta R.T. -0.027 min
 Lab File: BG050712.D
 Acq: 25 Oct 2021 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019



Tgt Ion:	276	Resp:	29597
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.4	27.6
138	20.1	7.0	10.6#

Manual Integrations
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