

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048847.D
 Acq On : 22 Apr 2021 15:02
 Operator : CG/JU
 Sample : M2099-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Manual Integrations
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Quant Time: Apr 22 15:48:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	21726	20.00	ng	0.00
21) Naphthalene-d8	10.887	136	91859	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	60951	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	136318	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	127044	20.00	ng	0.00
86) Perylene-d12	25.112	264	127725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	123919	95.40	ng	0.00
7) Phenol-d6	7.227	99	162041	88.19	ng	0.00
23) Nitrobenzene-d5	9.236	82	123870	60.37	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	66087	80.87	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	232430	55.07	ng	0.00
79) Terphenyl-d14	20.094	244	343029	46.47	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.250	94	4227	2.34	ng	87
31) Naphthalene	10.940	128	9511	2.02	ng	# 93
37) 2-Methylnaphthalene	12.550	142	7837m	2.08	ng	
71) Phenanthrene	17.520	178	49281	6.97	ng	96
75) Fluoranthene	19.536	202	68562	7.66	ng	97
78) Pyrene	19.900	202	63821	7.26	ng	98
81) Benzo(a)anthracene	21.757	228	30358	3.50	ng	# 89
83) Chrysene	21.827	228	37887	4.58	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.937	276	21154	2.26	ng	# 81
88) Benzo(b)fluoranthene	24.048	252	54388	6.28	ng	# 97
90) Benzo(a)pyrene	24.941	252	26847	3.36	ng	# 92
92) Benzo(g,h,i)perylene	30.129	276	21097	2.66	ng	# 89

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

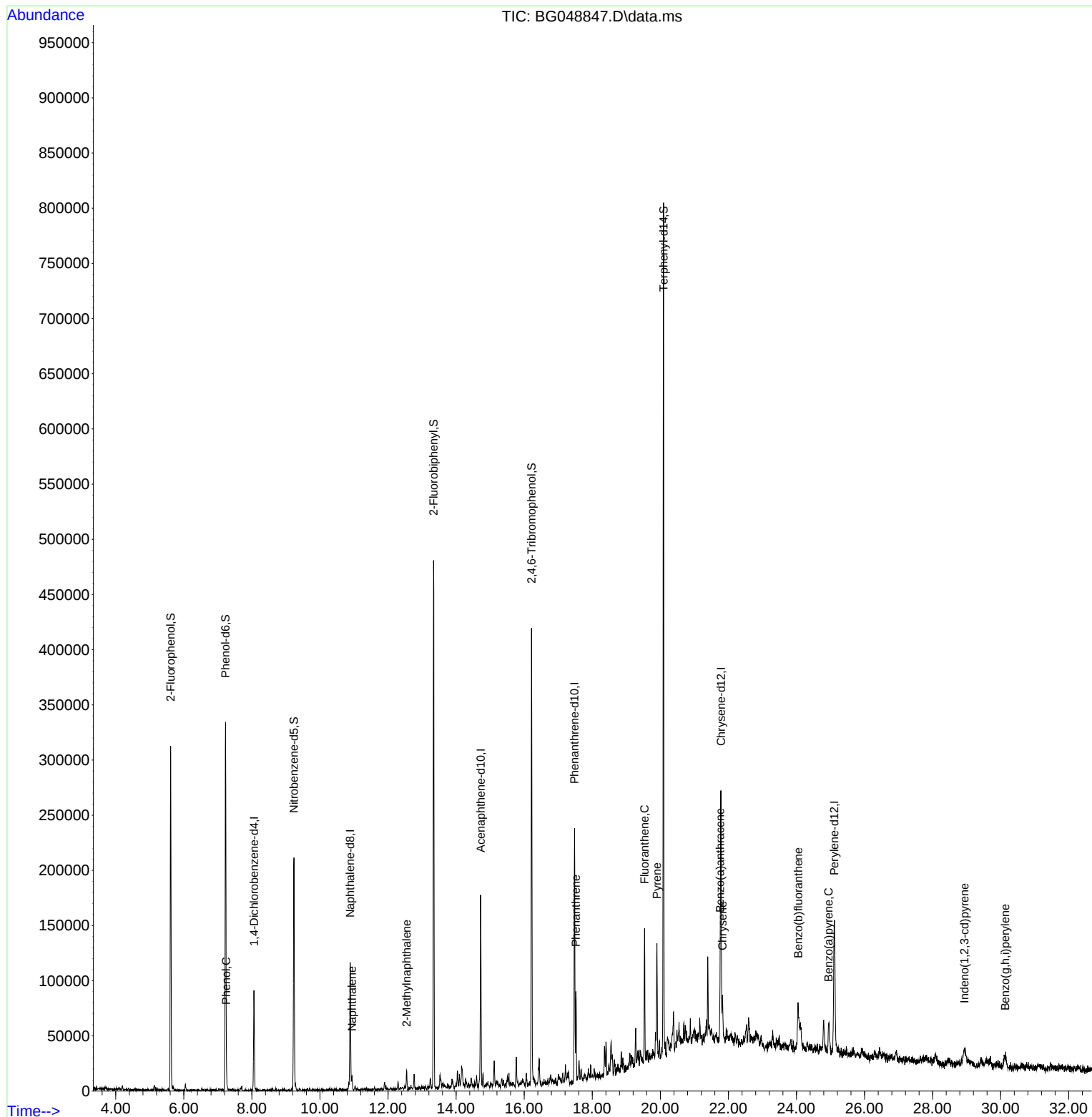
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048847.D
Acq On : 22 Apr 2021 15:02
Operator : CG/JU
Sample : M2099-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

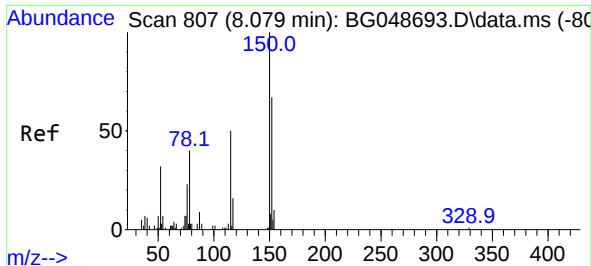
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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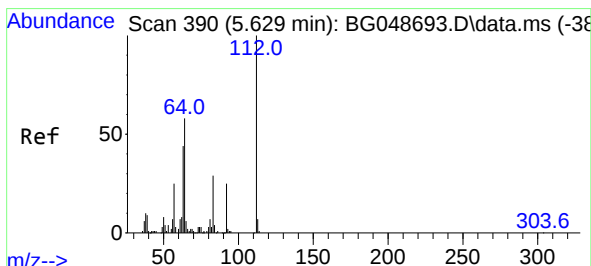
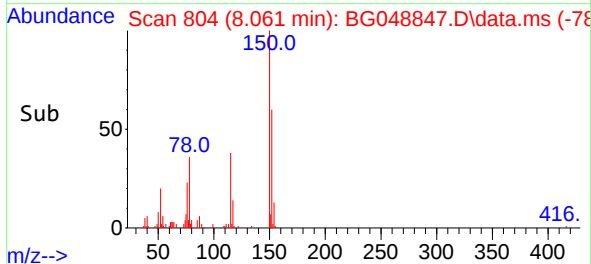
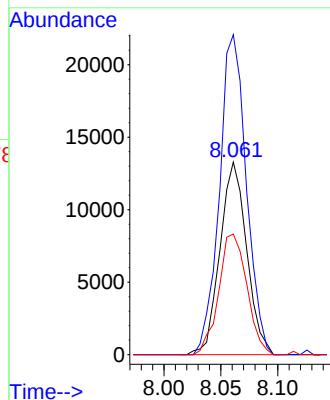
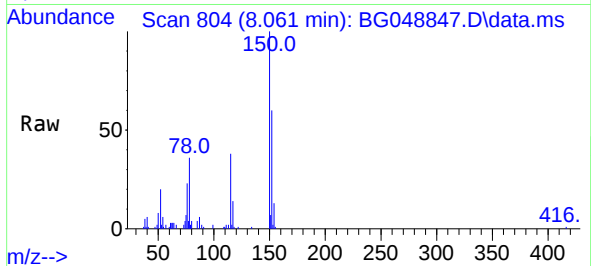
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:152 Resp: 21726
Ion Ratio Lower Upper
152 100
150 166.0 119.4 179.0
115 62.6 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TP-4

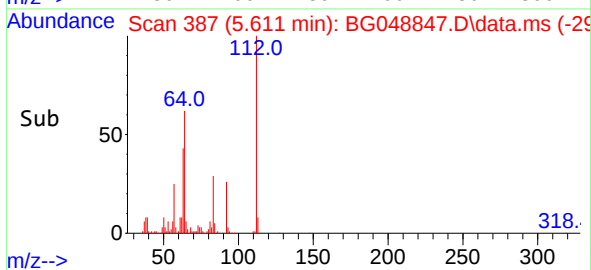
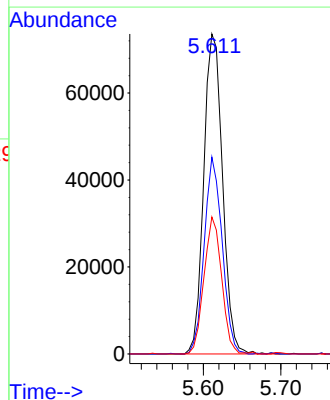
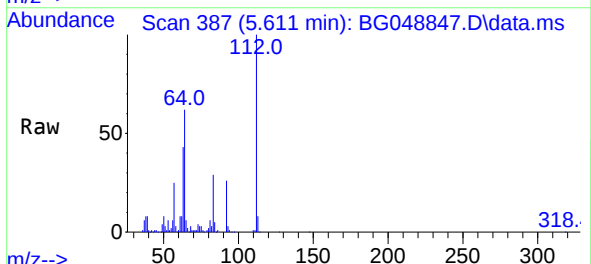
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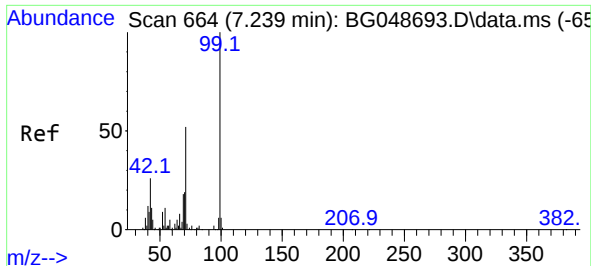
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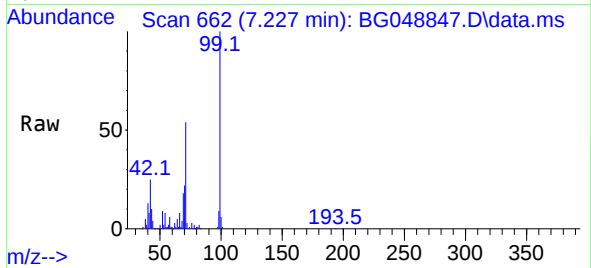
#5
2-Fluorophenol
Concen: 95.40 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:112 Resp: 123919
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 42.8 35.3 52.9

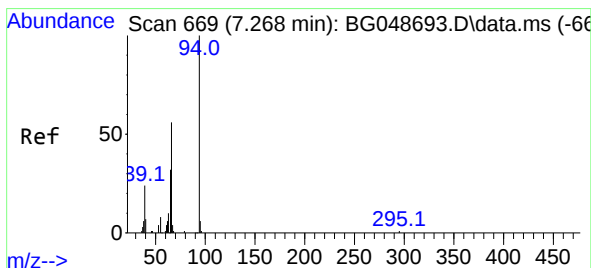
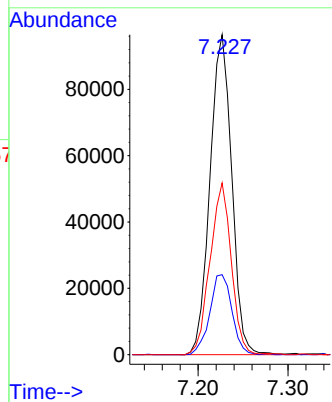
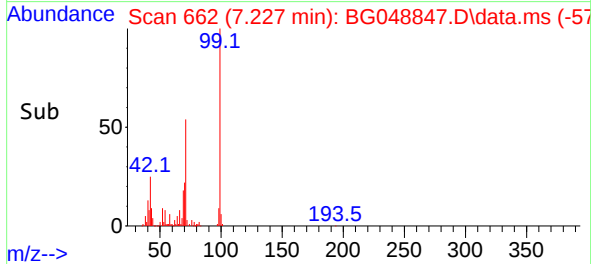




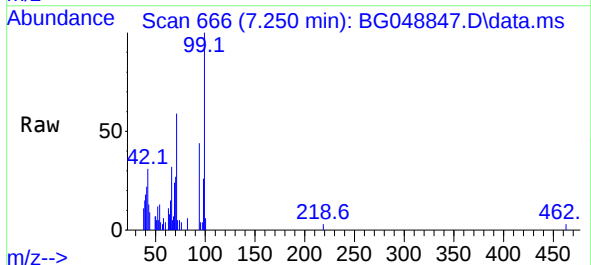
#7
Phenol-d6
Concen: 88.19 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



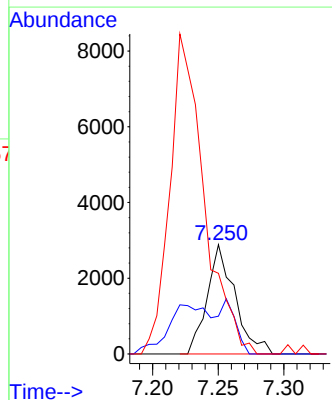
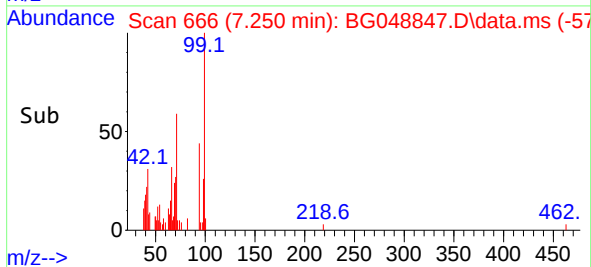
Tgt Ion: 99 Resp: 162041
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 53.6 41.5 62.3



#10
Phenol
Concen: 2.34 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



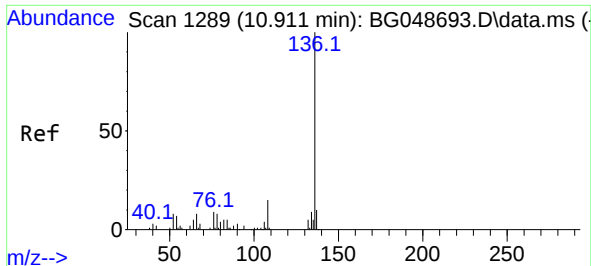
Tgt Ion: 94 Resp: 4227
Ion Ratio Lower Upper
94 100
65 34.5 12.9 52.9
66 73.7 39.4 79.4



Instrument :
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ClientSampled :
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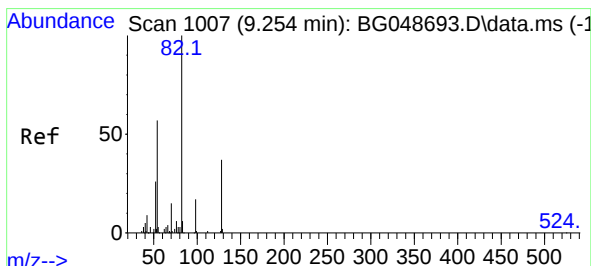
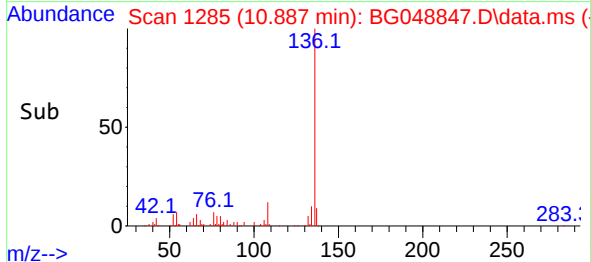
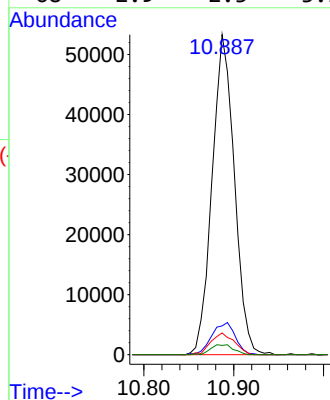
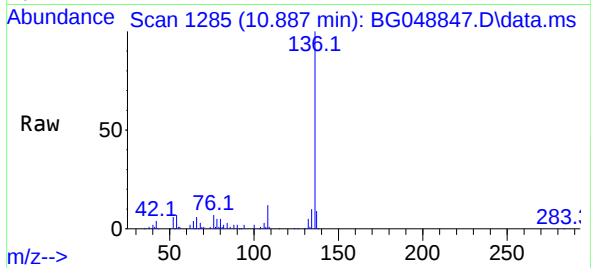
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.887 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	136	Resp:	91859
Ion Ratio	Lower	Upper	
136	100		
137	9.0	8.2	12.2
54	6.8	5.5	8.3
68	2.9	2.3	3.5

Instrument :
BNA_G
ClientSampled :
TP-4

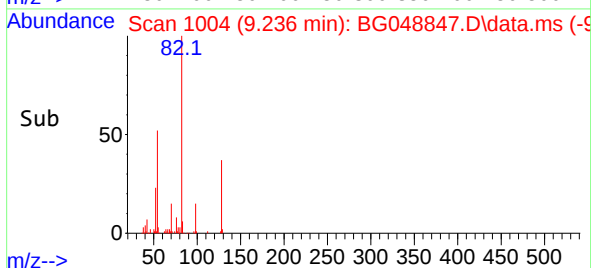
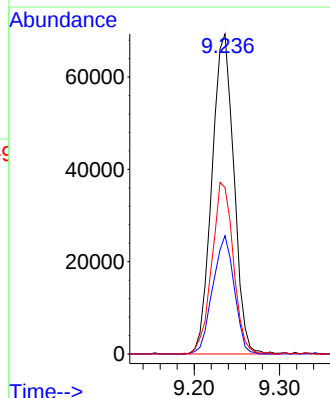
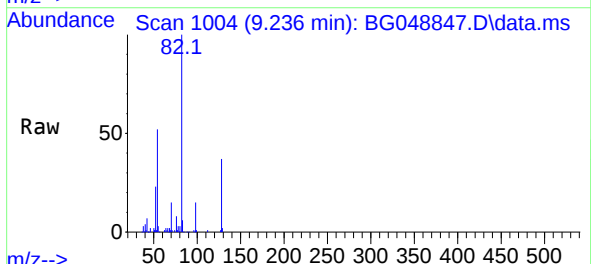
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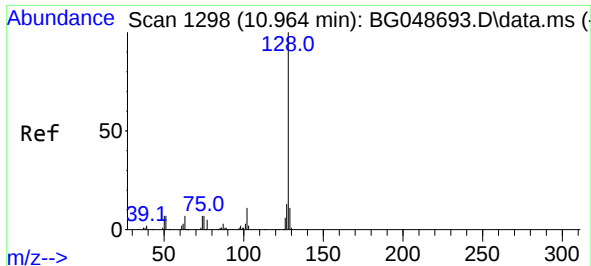
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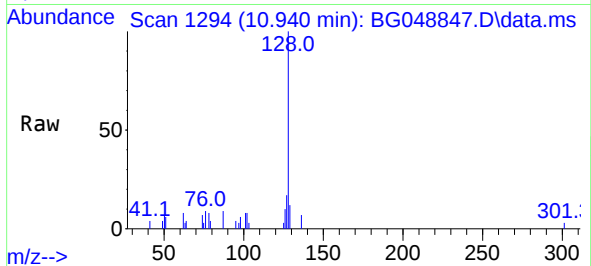
#23
Nitrobenzene-d5
Concen: 60.37 ng
RT: 9.236 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	82	Resp:	123870
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.8	44.6
54	52.0	45.8	68.8

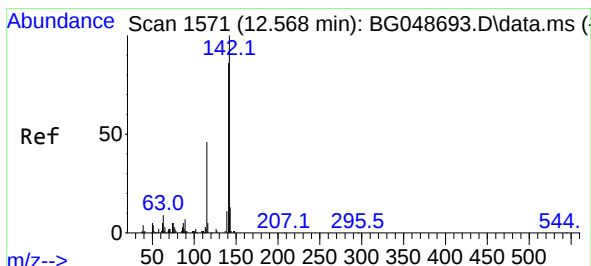
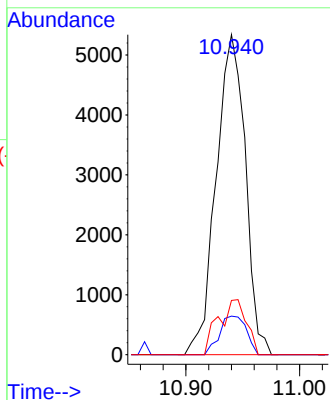
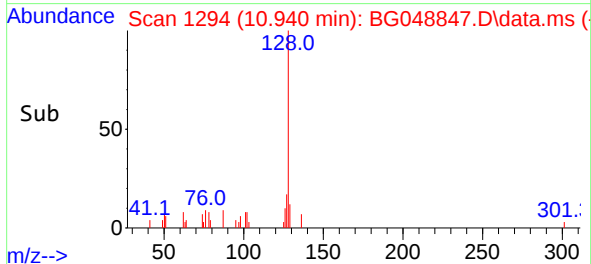




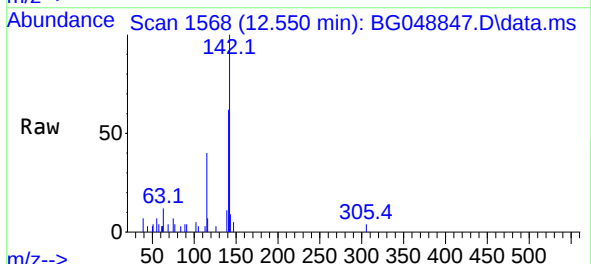
#31
Naphthalene
Concen: 2.02 ng
RT: 10.940 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



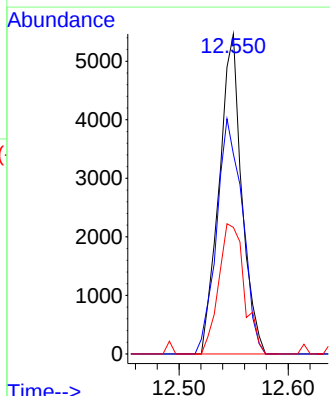
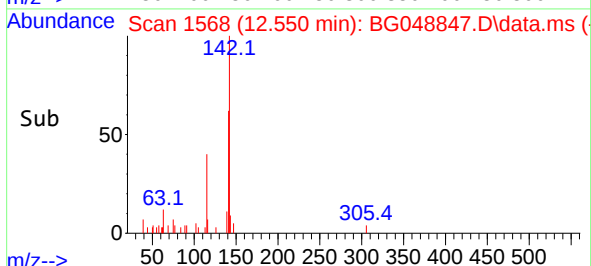
Tgt Ion:128 Resp: 9511
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 16.9 10.2 15.4#



#37
2-Methylnaphthalene
Concen: 2.08 ng m
RT: 12.550 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



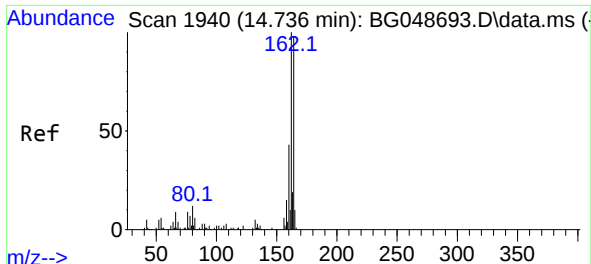
Tgt Ion:142 Resp: 7837
Ion Ratio Lower Upper
142 100
141 62.5 68.8 103.2#
115 39.6 36.4 54.6



Instrument :
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Manual Integrations
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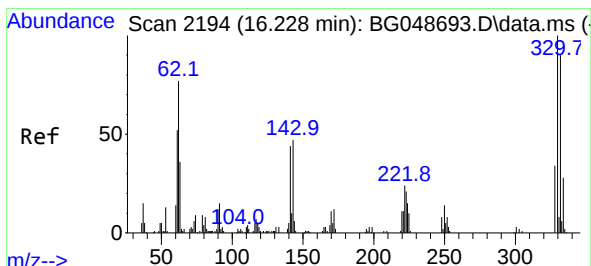
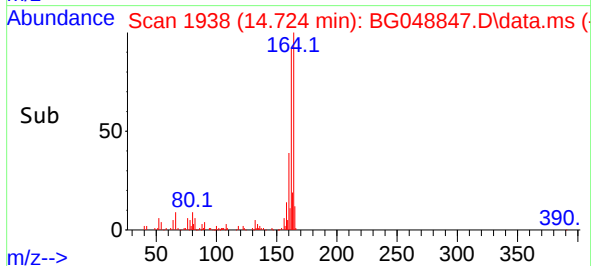
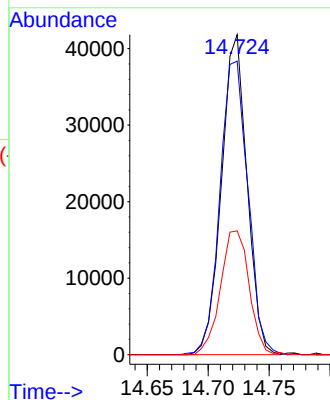
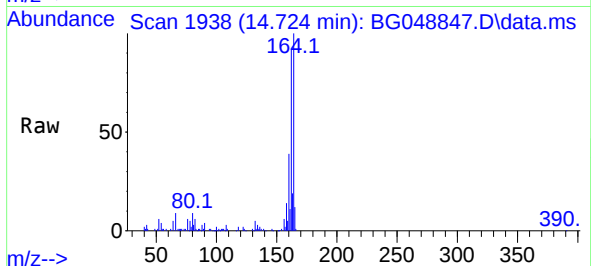
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:164 Resp: 60951
Ion Ratio Lower Upper
164 100
162 91.7 81.4 122.0
160 38.7 34.9 52.3

Instrument :
BNA_G
ClientSampled :
TP-4

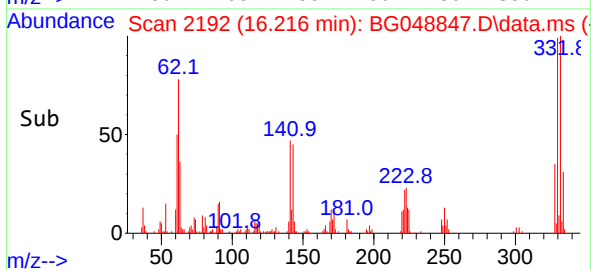
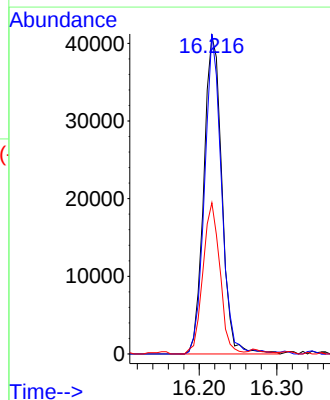
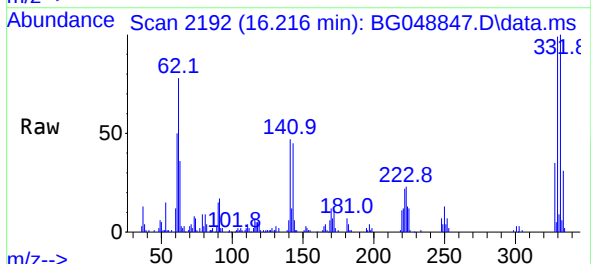
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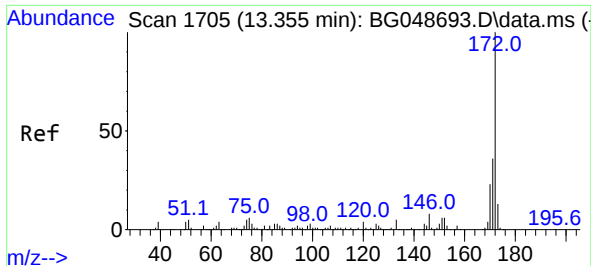
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#42
2,4,6-Tribromophenol
Concen: 80.87 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

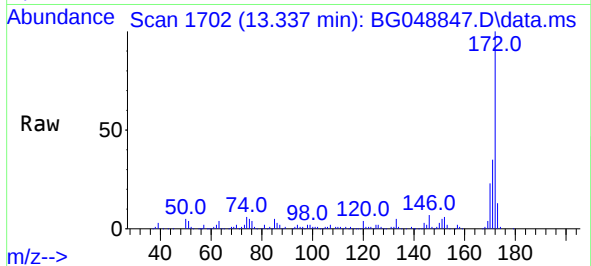
Tgt Ion:330 Resp: 66087
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 44.7 35.6 53.4





#45
2-Fluorobiphenyl
Concen: 55.07 ng
RT: 13.337 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

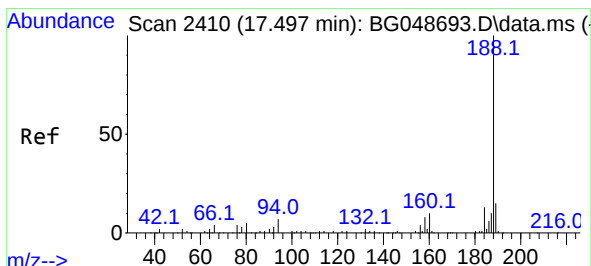
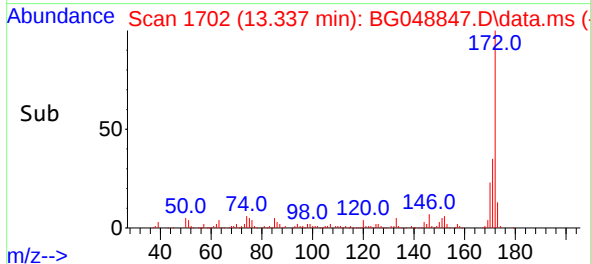
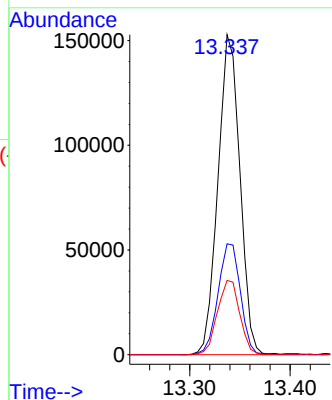
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BNA_G
ClientSampled :
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Tgt Ion:172 Resp: 232430
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.2 18.6 27.8

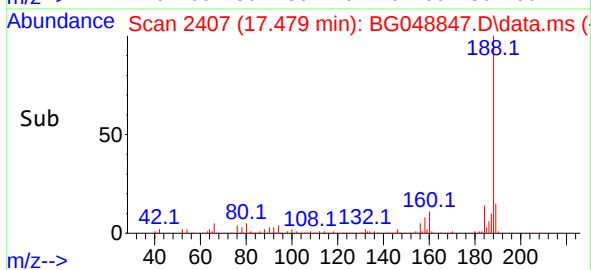
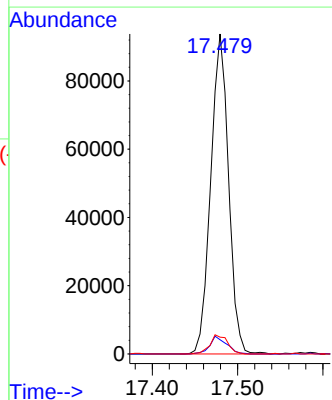
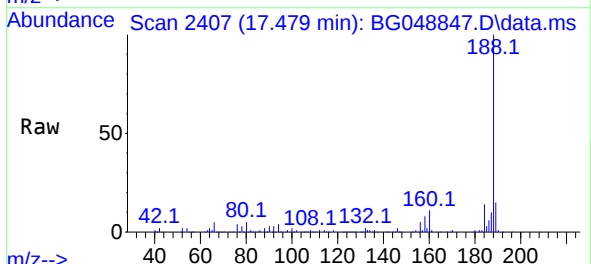
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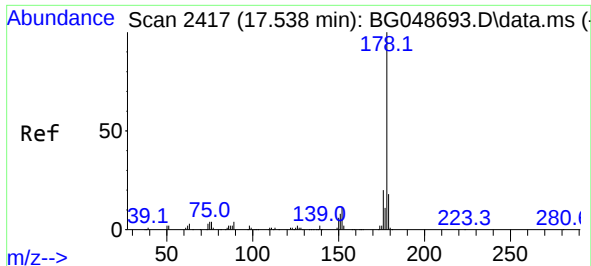
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

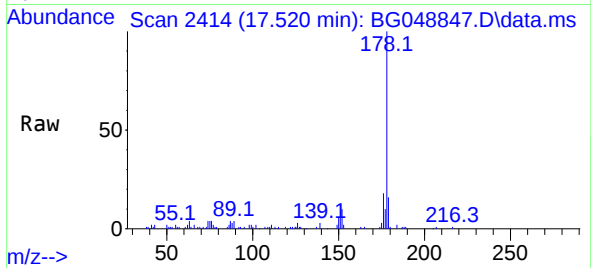
Tgt Ion:188 Resp: 136318
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.3 3.7 5.5





#71
Phenanthrene
Concen: 6.97 ng
RT: 17.520 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

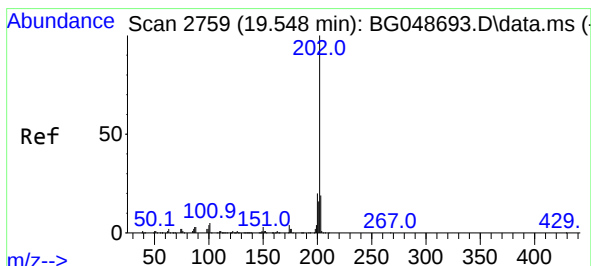
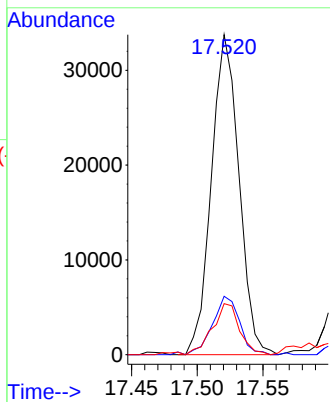
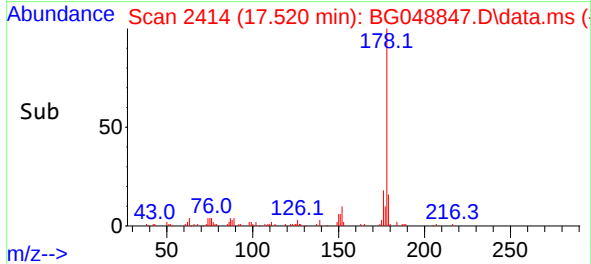
Instrument :
BNA_G
ClientSampled :
TP-4



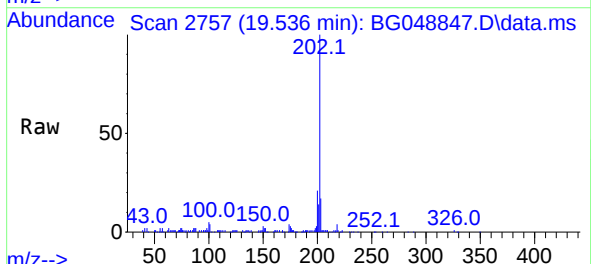
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Ion Ratio Lower Upper
178 100
176 18.2 16.0 24.0
179 15.9 14.2 21.4

Manual Integrations
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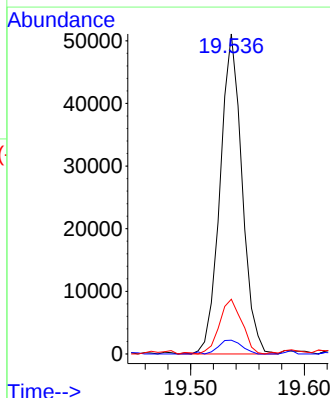
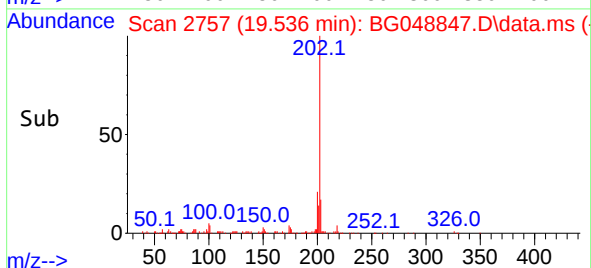
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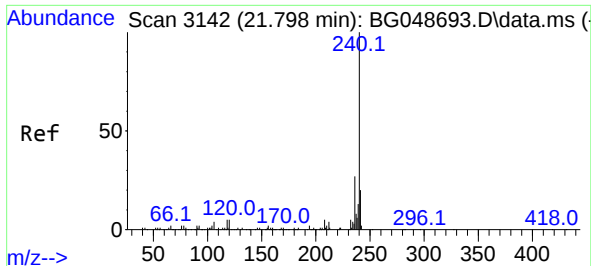


#75
Fluoranthene
Concen: 7.66 ng
RT: 19.536 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



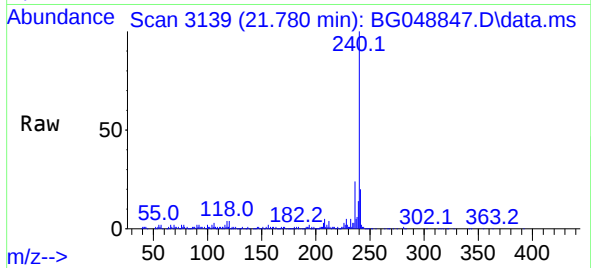
Tgt Ion:202 Resp: 68562
Ion Ratio Lower Upper
202 100
101 4.3 0.0 24.7
203 17.1 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

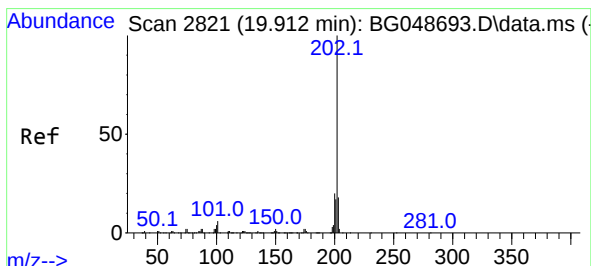
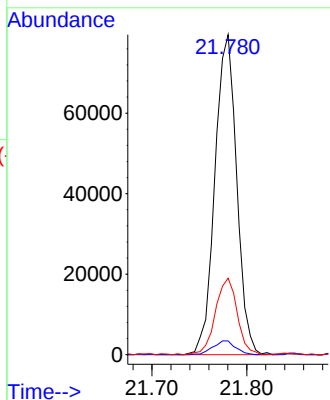
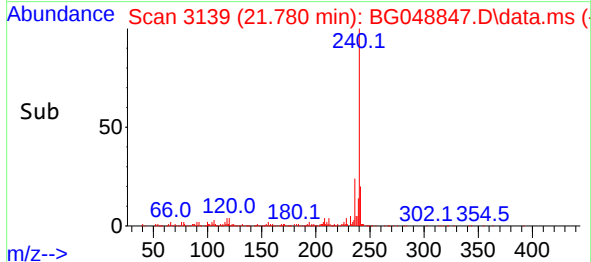
Instrument :
BNA_G
ClientSampled :
TP-4



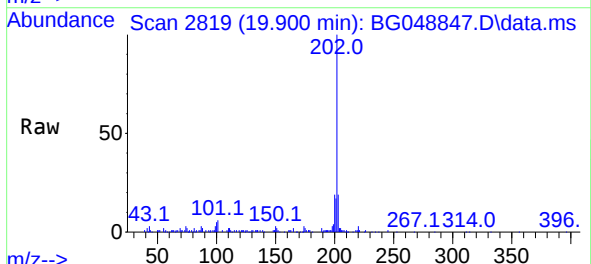
Tgt Ion:240 Resp: 127044
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 23.9 21.8 32.6

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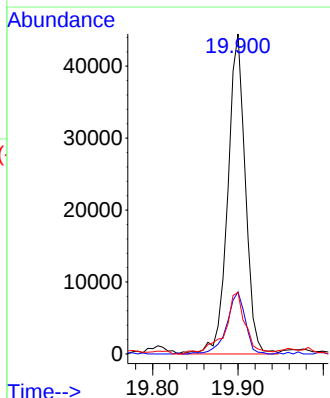
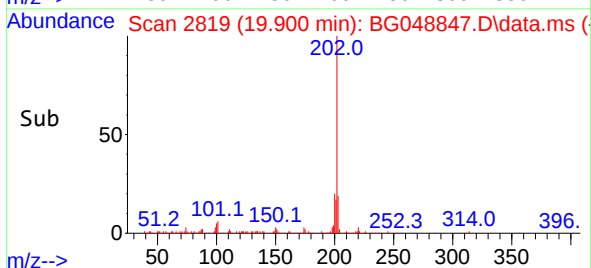
mohammad
4/23/2021 4:00:53 PM

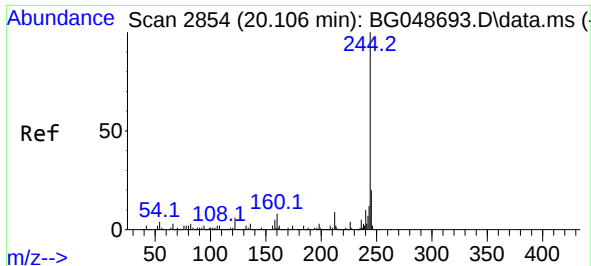


#78
Pyrene
Concen: 7.26 ng
RT: 19.900 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



Tgt Ion:202 Resp: 63821
Ion Ratio Lower Upper
202 100
200 19.4 15.8 23.8
203 19.2 14.6 21.8





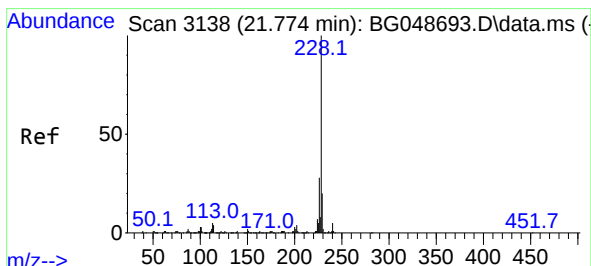
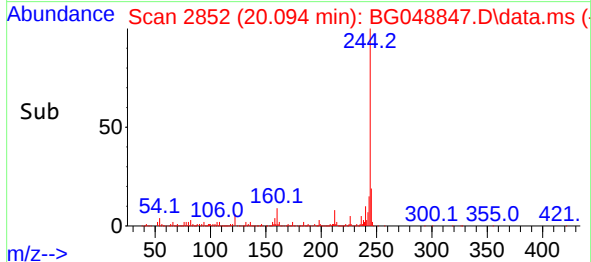
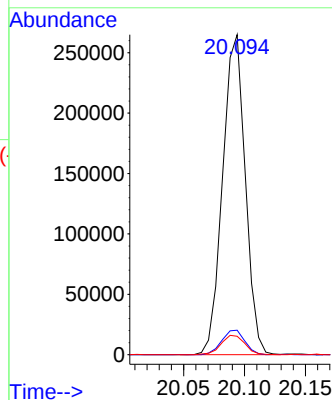
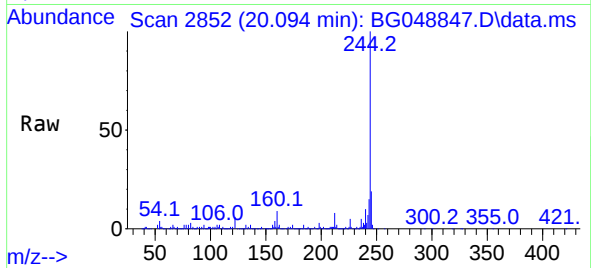
#79
Terphenyl-d14
Concen: 46.47 ng
RT: 20.094 min Scan# 2852
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	244	Resp:	343029
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.9	10.3
122	5.8	5.0	7.6

Instrument :
BNA_G
ClientSampled :
TP-4

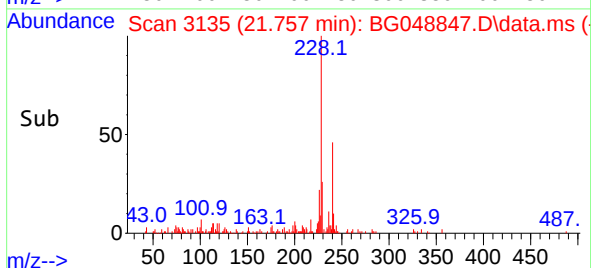
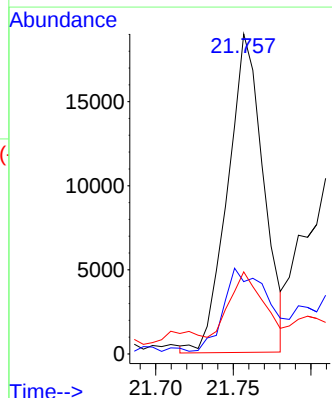
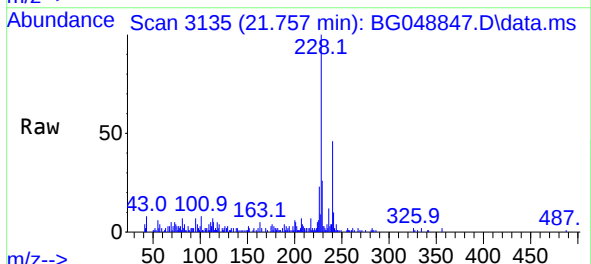
Manual Integrations
APPROVED

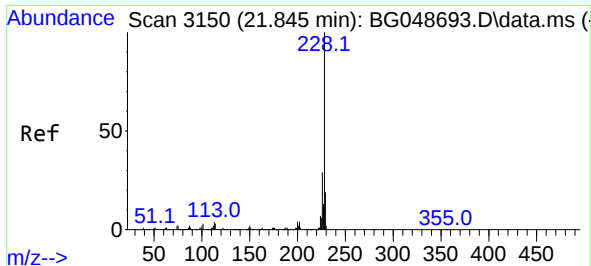
mohammad
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#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 21.757 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	228	Resp:	30358
Ion Ratio	Lower	Upper	
228	100		
226	22.6	22.7	34.1#
229	25.6	16.0	24.0#





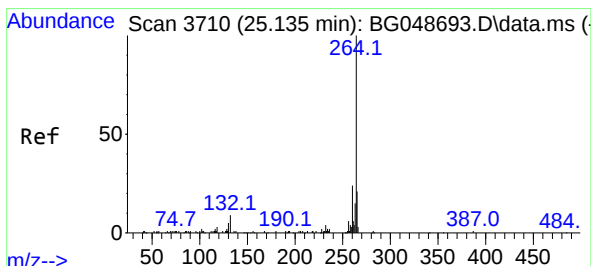
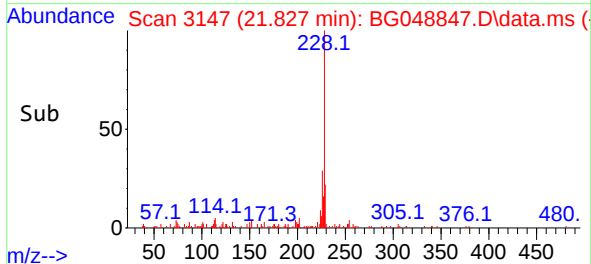
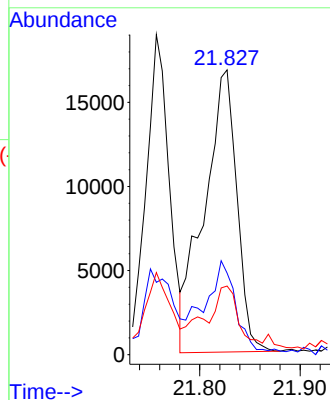
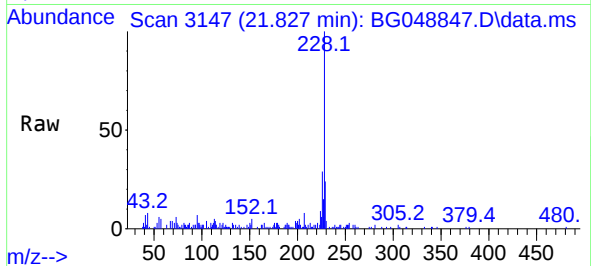
#83
Chrysene
Concen: 4.58 ng
RT: 21.827 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	228	Resp:	37887
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.1	34.7
229	24.1	15.3	22.9#

Instrument :
BNA_G
ClientSampled :
TP-4

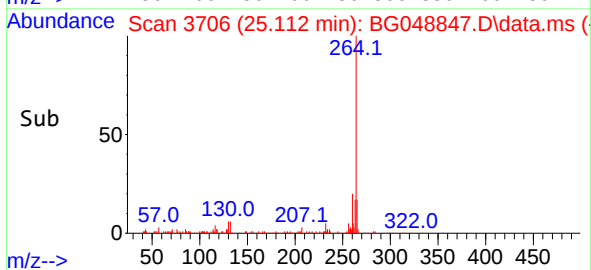
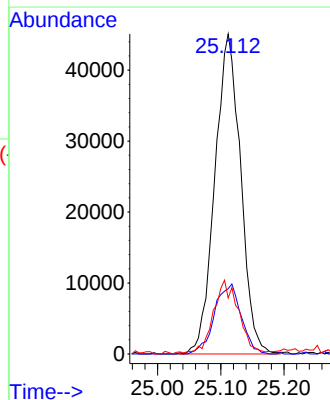
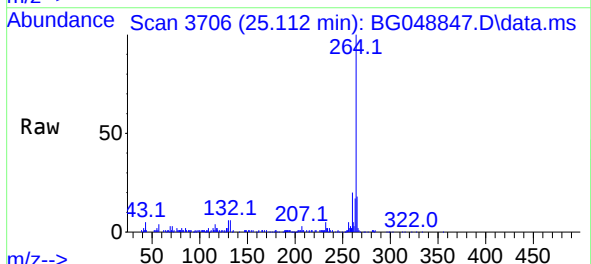
Manual Integrations
APPROVED

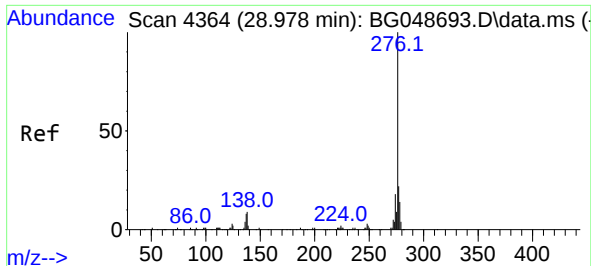
mohammad
4/23/2021 4:00:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.112 min Scan# 3706
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion:	264	Resp:	127725
Ion Ratio	Lower	Upper	
264	100		
260	20.4	19.4	29.2
265	17.5	16.9	25.3





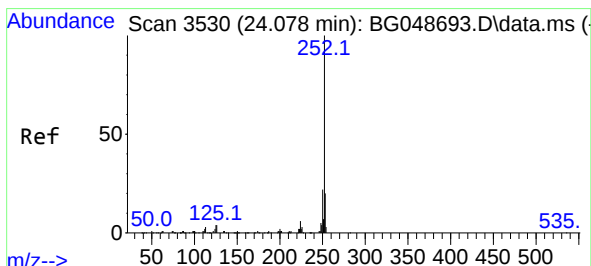
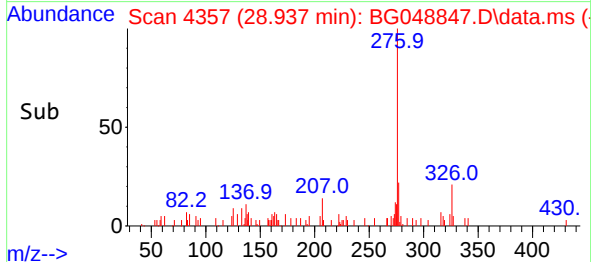
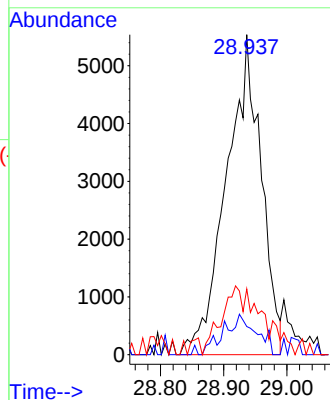
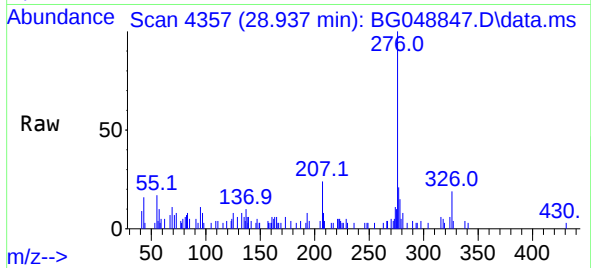
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng
RT: 28.937 min Scan# 4357
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

Tgt Ion: 276 Resp: 21154
Ion Ratio Lower Upper
276 100
138 7.4 5.1 7.7
277 13.0 19.8 29.6#

Instrument :
BNA_G
ClientSampled :
TP-4

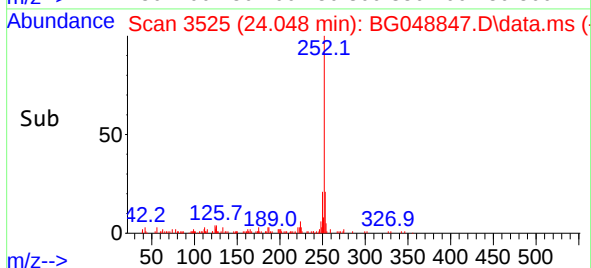
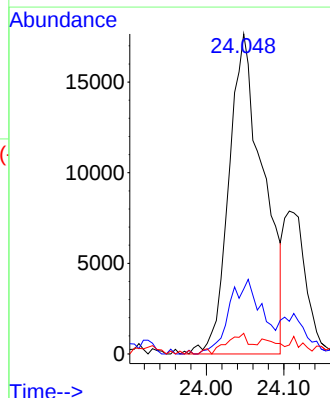
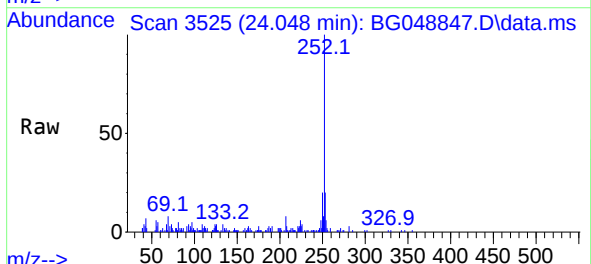
Manual Integrations
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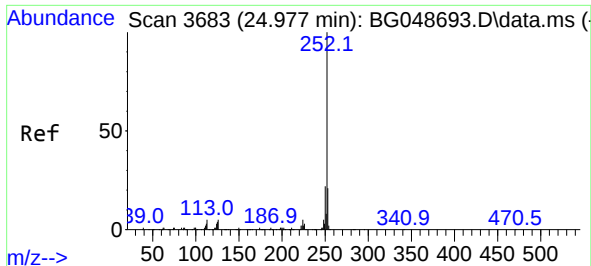
mohammad
4/23/2021 4:00:53 PM



#88
Benzo(b)fluoranthene
Concen: 6.28 ng
RT: 24.048 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

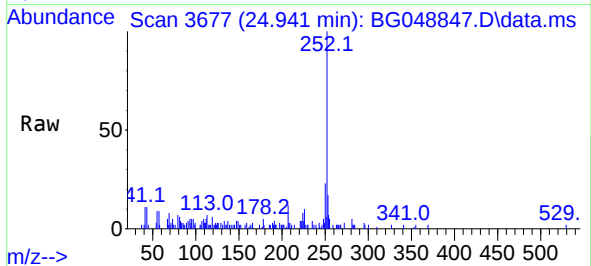
Tgt Ion: 252 Resp: 54388
Ion Ratio Lower Upper
252 100
253 20.3 16.2 24.4
125 10.7 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 3.36 ng
RT: 24.941 min Scan# 3677
Delta R.T. -0.012 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02

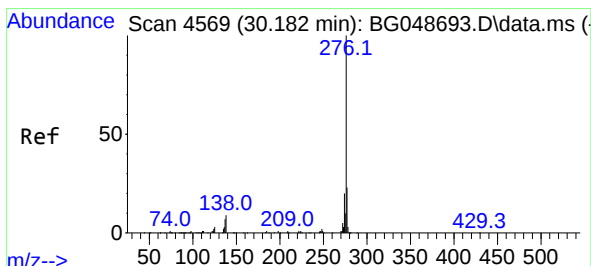
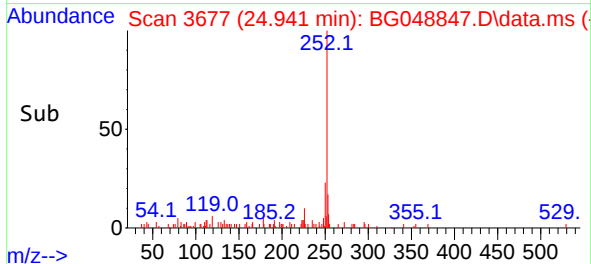
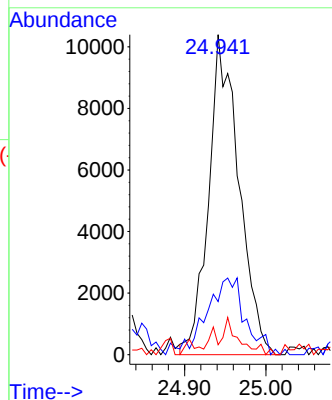
Instrument :
BNA_G
ClientSampled :
TP-4



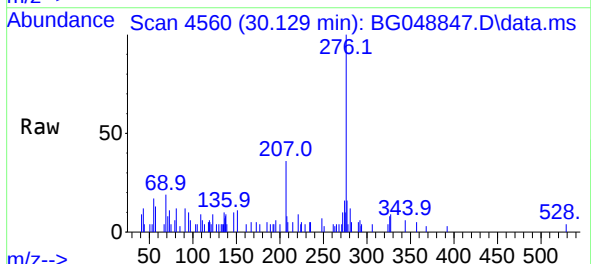
Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.6	16.6	25.0#
125	3.1	3.5	5.3#

Manual Integrations
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4/23/2021 4:00:53 PM



#92
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 30.129 min Scan# 4560
Delta R.T. -0.000 min
Lab File: BG048847.D
Acq: 22 Apr 2021 15:02



Tgt Ion	Ratio	Lower	Upper
276	100		
277	15.8	18.4	27.6#
138	9.0	7.0	10.6

