

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048828.D
 Acq On : 21 Apr 2021 20:46
 Operator : CG/JU
 Sample : M1998-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B

Manual Integrations
 APPROVED

mohammad
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Quant Time: Apr 22 01:01:50 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	8.059	152	26221	20.00	ng	# 0.00
21) Naphthalene-d8	10.885	136	107923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	72802	20.00	ng	0.00
64) Phenanthrene-d10	17.478	188	155351	20.00	ng	# 0.00
76) Chrysene-d12	21.779	240	144901	20.00	ng	0.00
86) Perylene-d12	25.110	264	146192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	87866	56.05	ng	0.00
7) Phenol-d6	7.225	99	200623	90.47	ng	0.00
23) Nitrobenzene-d5	9.234	82	159474	66.16	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	6343	6.50	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	302229	59.95	ng	0.00
79) Terphenyl-d14	20.092	244	420797	49.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.190	77	12013	8.18	ng	# 69
10) Phenol	7.254	94	186754	85.64	ng	92
71) Phenanthrene	17.519	178	41887	5.19	ng	96
75) Fluoranthene	19.534	202	56019	5.49	ng	97
78) Pyrene	19.898	202	59259	5.91	ng	97
81) Benzo(a)anthracene	21.755	228	26660	2.69	ng	97
83) Chrysene	21.826	228	26738m	2.83	ng	
84) Bis(2-ethylhexyl)phtha...	21.643	149	46681	8.51	ng	# 96
88) Benzo(b)fluoranthene	24.035	252	37202	3.75	ng	# 91
90) Benzo(a)pyrene	24.945	252	28849	3.16	ng	# 96
92) Benzo(g,h,i)perylene	30.104	276	19836	2.18	ng	# 87

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

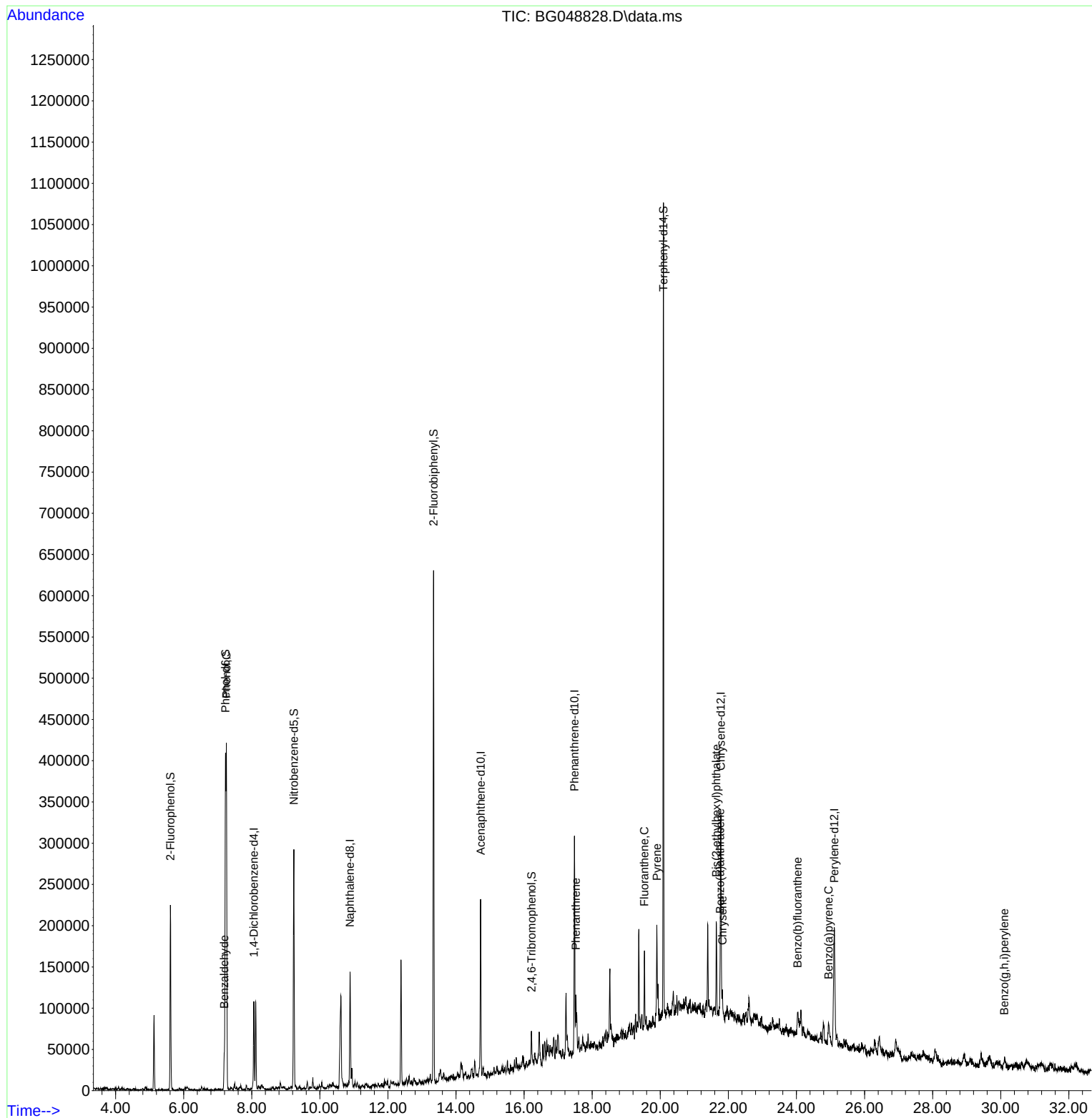
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Data File : BG048828.D
Acq On : 21 Apr 2021 20:46
Operator : CG/JU
Sample : M1998-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

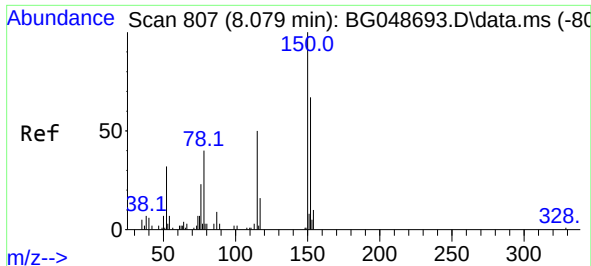
Instrument :
BNA_G
ClientSampleId :
SB-3B

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Quant Time: Apr 22 01:01:50 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





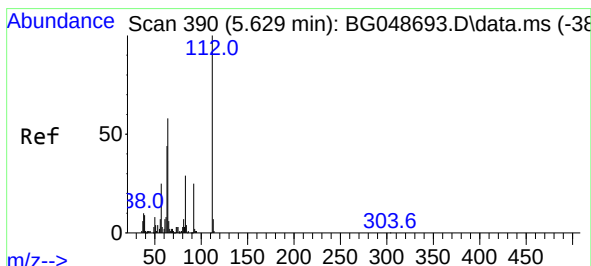
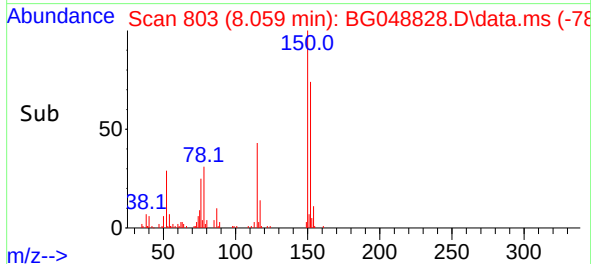
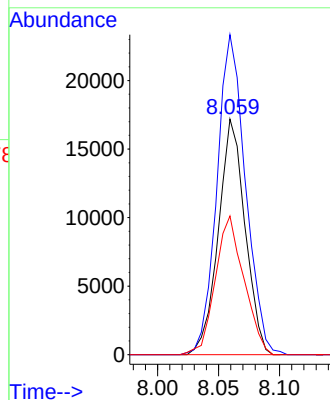
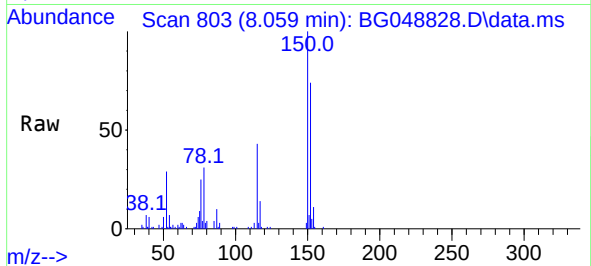
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:152 Resp: 26221
Ion Ratio Lower Upper
152 100
150 135.8 119.4 179.0
115 58.9 60.2 90.4#

Instrument :
BNA_G
ClientSampled :
SB-3B

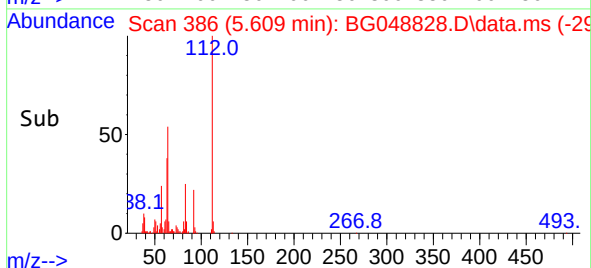
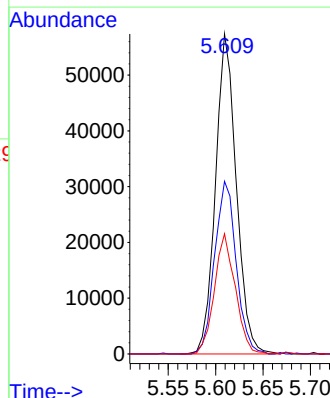
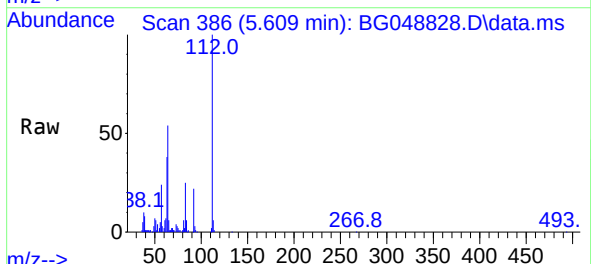
Manual Integrations
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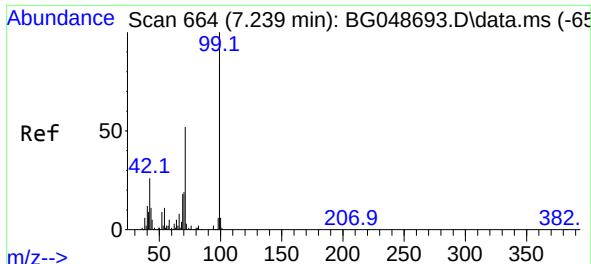
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#5
2-Fluorophenol
Concen: 56.05 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

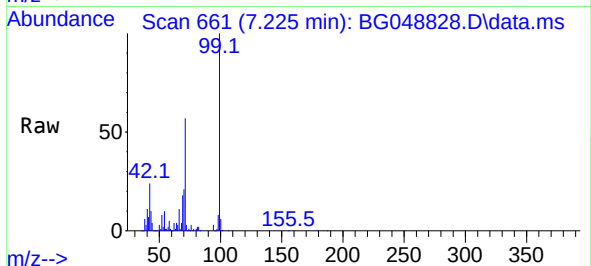
Tgt Ion:112 Resp: 87866
Ion Ratio Lower Upper
112 100
64 54.0 46.7 70.1
63 37.5 35.3 52.9





#7
Phenol-d6
Concen: 90.47 ng
RT: 7.225 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

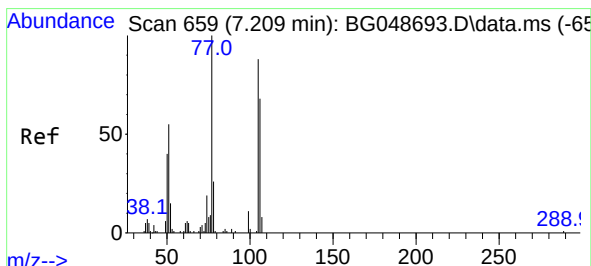
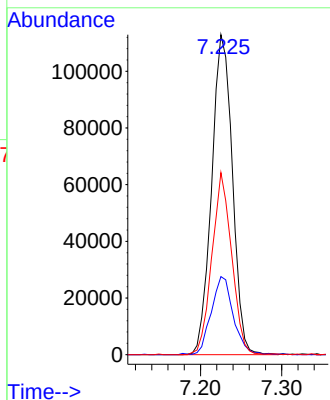
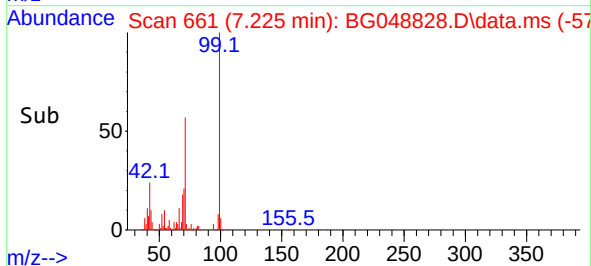
Instrument :
BNA_G
ClientSampled :
SB-3B



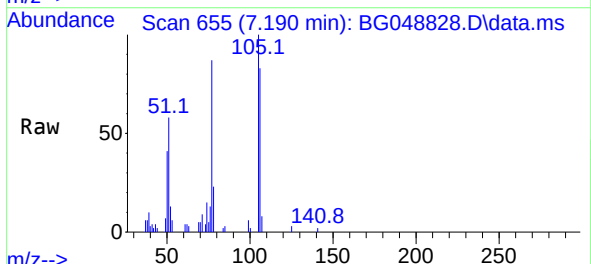
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Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 56.9 41.5 62.3

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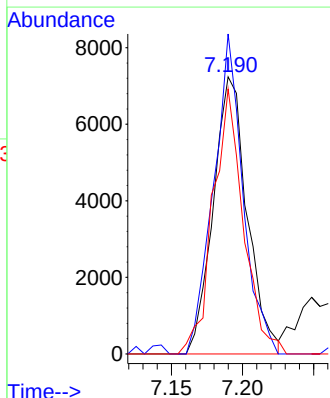
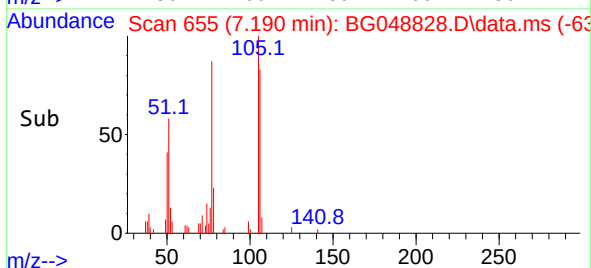
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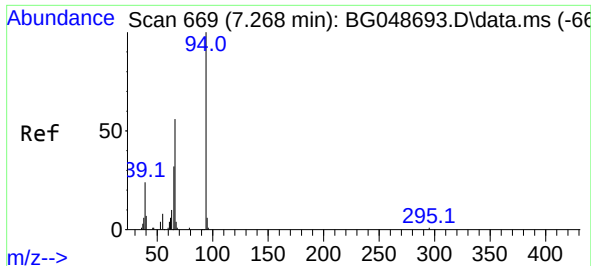


#9
Benzaldehyde
Concen: 8.18 ng
RT: 7.190 min Scan# 655
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46



Tgt Ion: 77 Resp: 12013
Ion Ratio Lower Upper
77 100
105 115.5 68.8 108.8#
106 95.7 47.9 87.9#





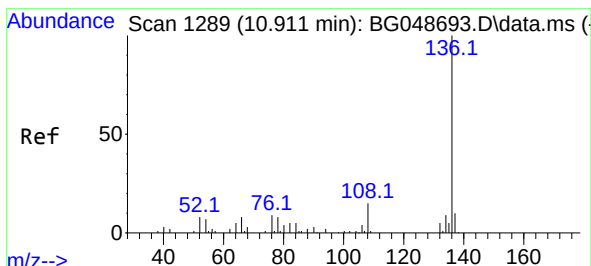
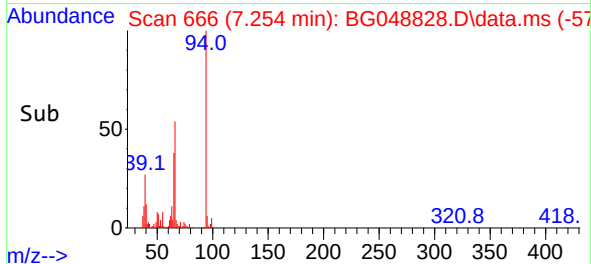
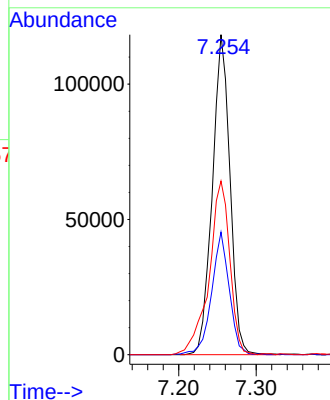
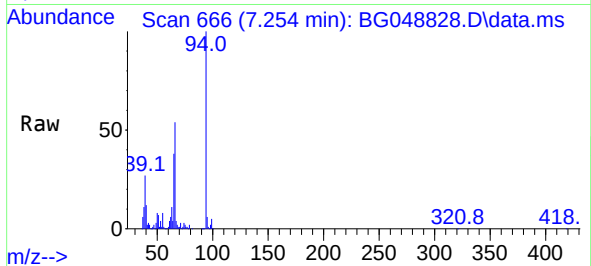
#10
Phenol
Concen: 85.64 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	94	Resp:	186754
Ion	Ratio	Lower	Upper
94	100		
65	38.3	12.9	52.9
66	54.3	39.4	79.4

Instrument :
BNA_G
ClientSampled :
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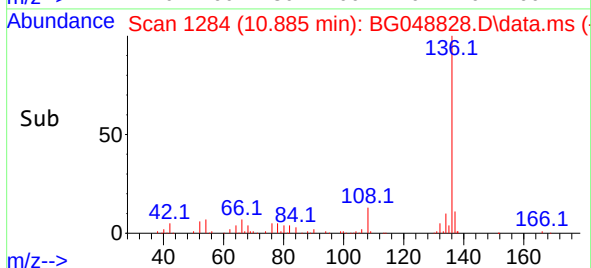
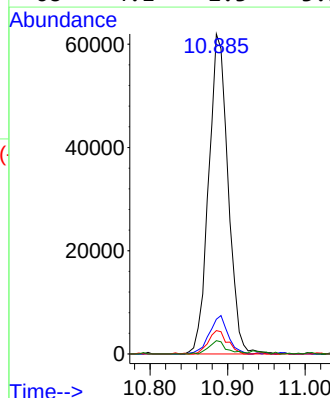
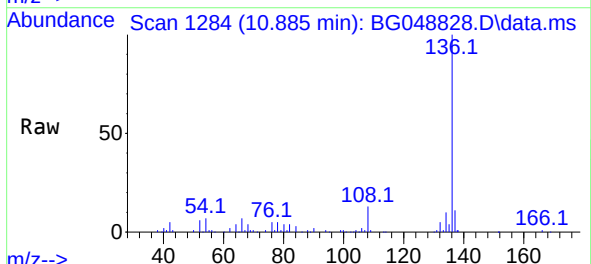
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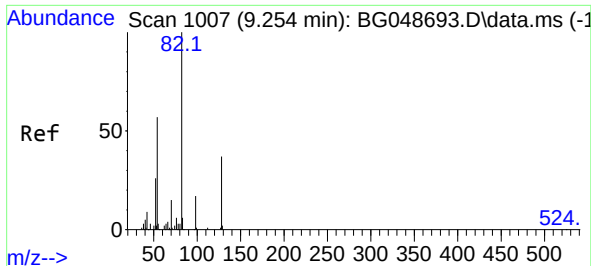
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.885 min Scan# 1284
Delta R.T. -0.008 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

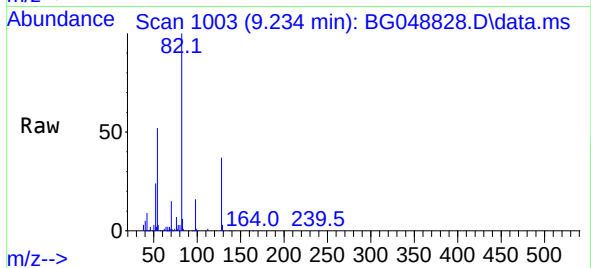
Tgt Ion:	136	Resp:	107923
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	7.3	5.5	8.3
68	4.1	2.3	3.5





#23
Nitrobenzene-d5
Concen: 66.16 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

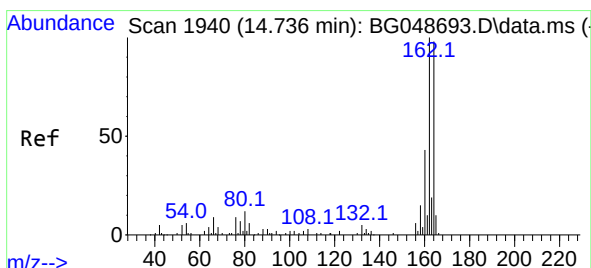
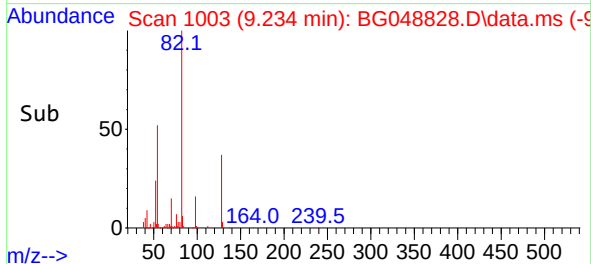
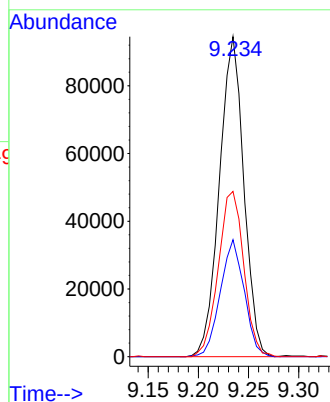
Instrument :
BNA_G
ClientSampled :
SB-3B



Tgt Ion: 82 Resp: 159474
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 51.6 45.8 68.8

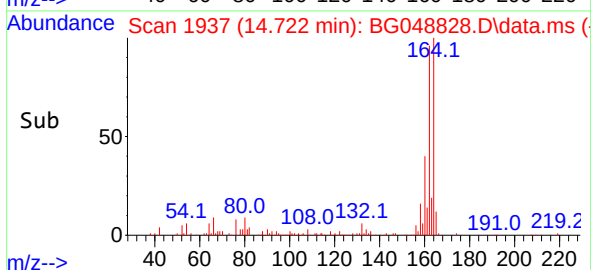
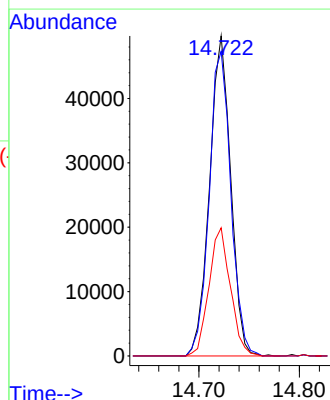
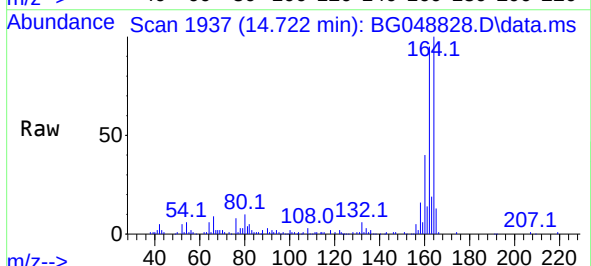
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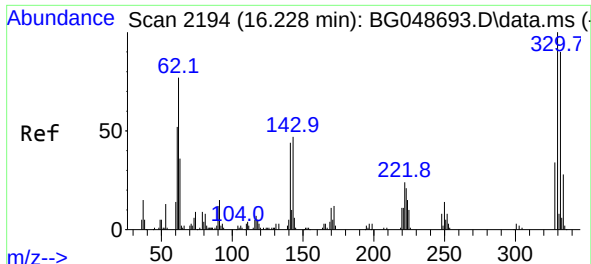
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion: 164 Resp: 72802
Ion Ratio Lower Upper
164 100
162 95.2 81.4 122.0
160 40.1 34.9 52.3





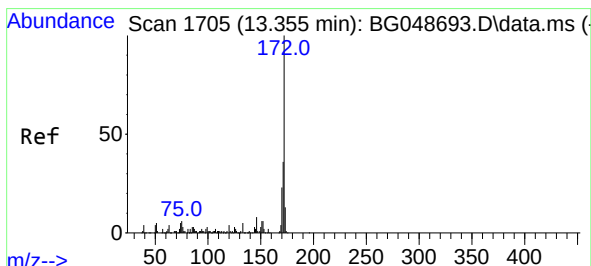
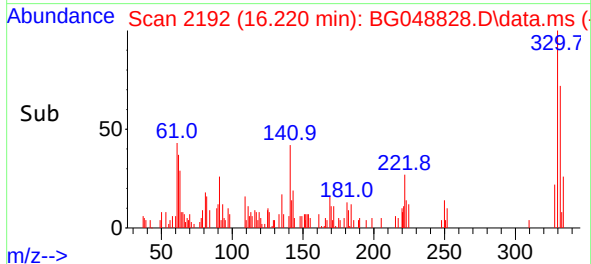
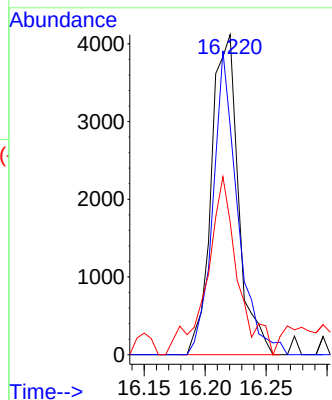
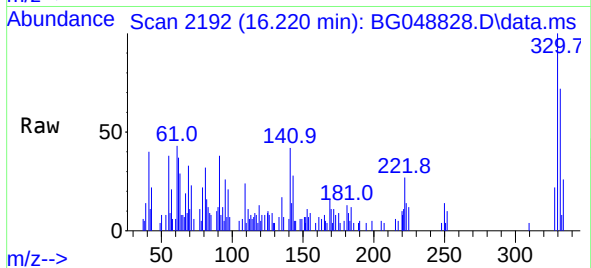
#42
2,4,6-Tribromophenol
Concen: 6.50 ng
RT: 16.220 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:330 Resp: 6343
Ion Ratio Lower Upper
330 100
332 86.5 77.3 115.9
141 62.6 35.6 53.4#

Instrument :
BNA_G
ClientSampled :
SB-3B

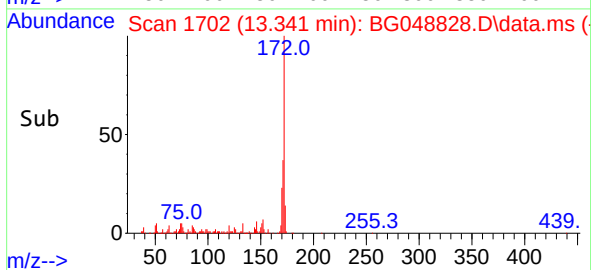
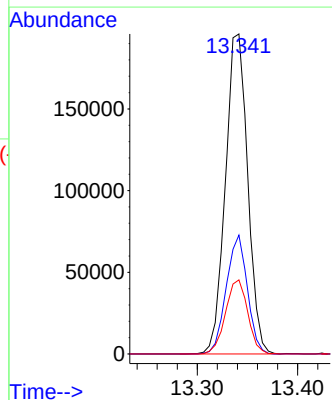
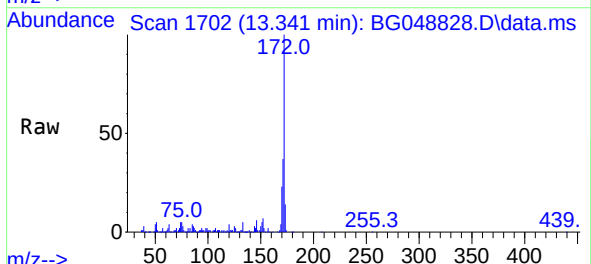
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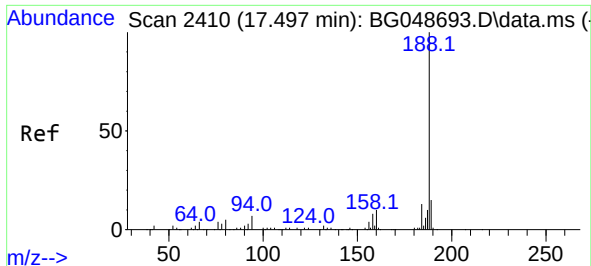
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#45
2-Fluorobiphenyl
Concen: 59.95 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

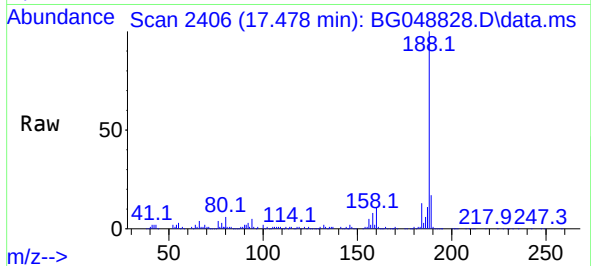
Tgt Ion:172 Resp: 302229
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 23.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.478 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

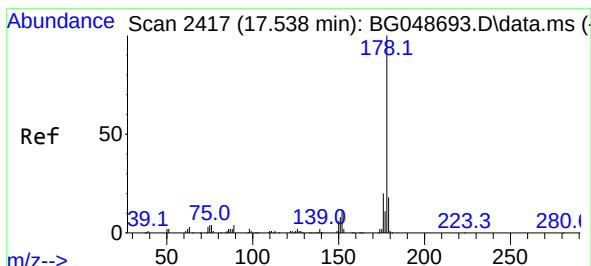
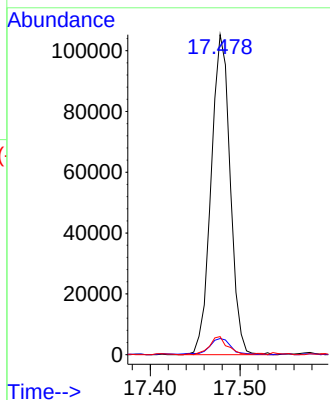
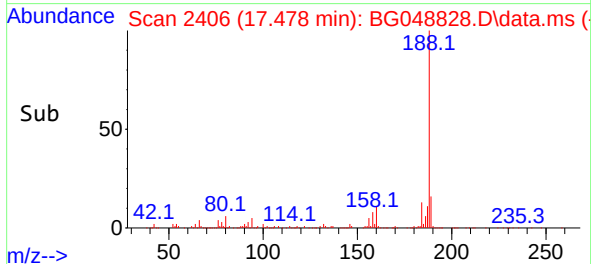
Instrument :
BNA_G
ClientSampled :
SB-3B



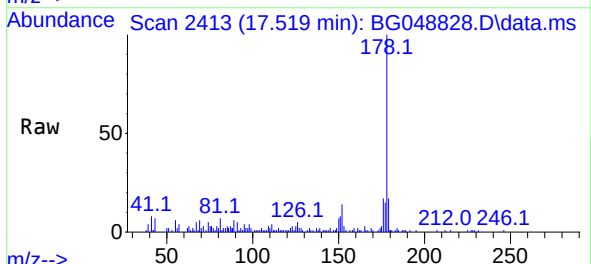
Tgt Ion:188 Resp: 155351
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.6 3.7 5.5#

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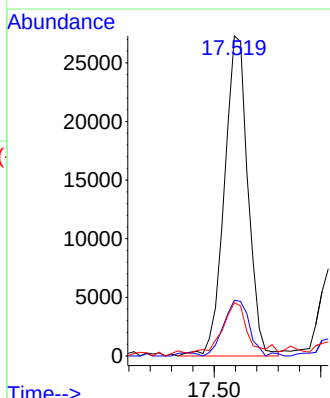
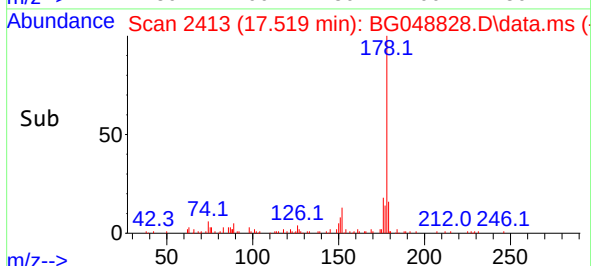
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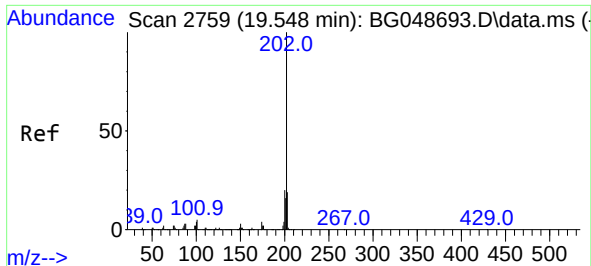


#71
Phenanthrene
Concen: 5.19 ng
RT: 17.519 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46



Tgt Ion:178 Resp: 41887
Ion Ratio Lower Upper
178 100
176 17.4 16.0 24.0
179 16.6 14.2 21.4





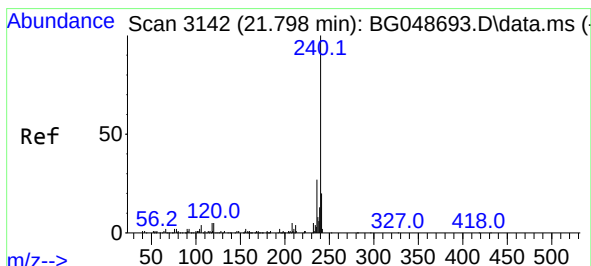
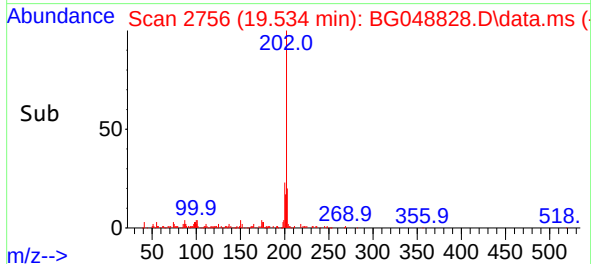
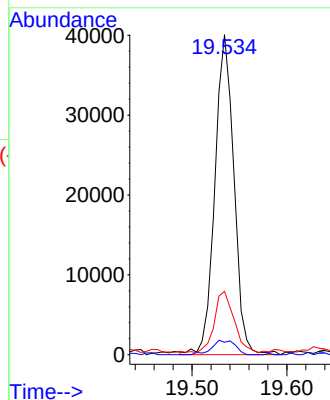
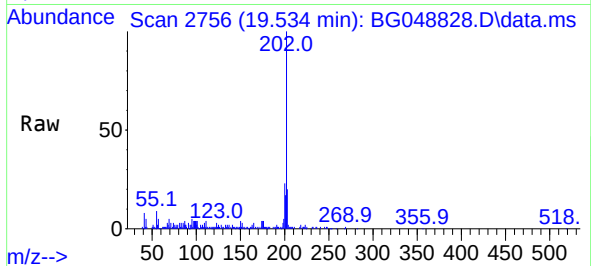
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Fluoranthene
Concen: 5.49 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	202	Resp:	56019
Ion Ratio	Lower	Upper	
202	100		
101	3.9	0.0	24.7
203	19.8	0.0	38.5

Instrument :
BNA_G
ClientSampled :
SB-3B

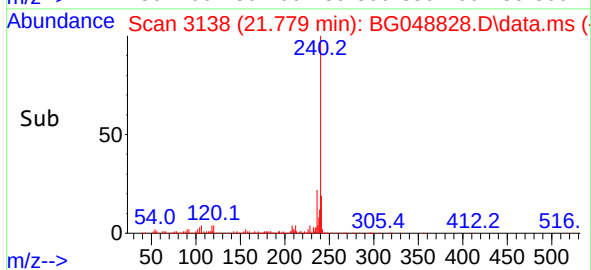
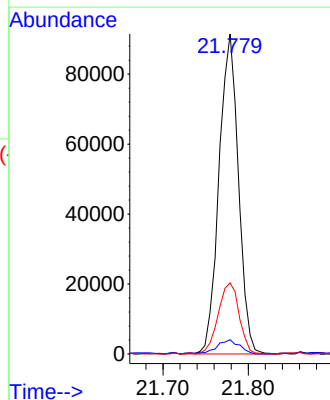
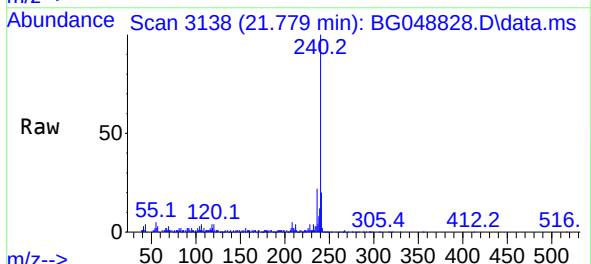
Manual Integrations
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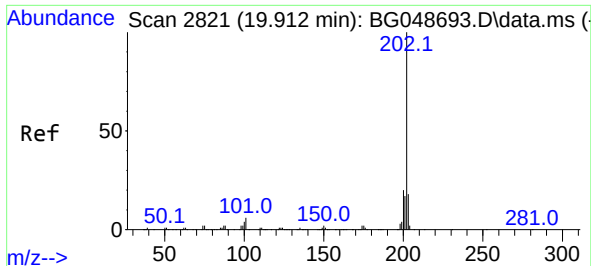
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.779 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	240	Resp:	144901
Ion Ratio	Lower	Upper	
240	100		
120	4.4	4.2	6.2
236	22.2	21.8	32.6





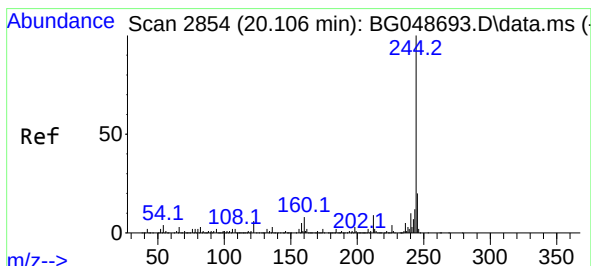
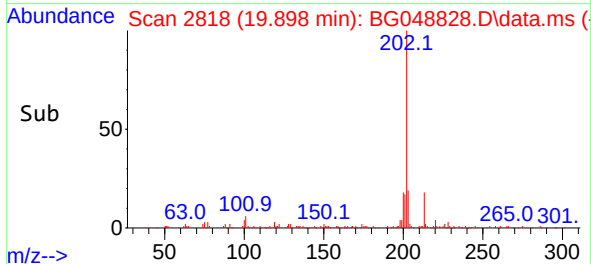
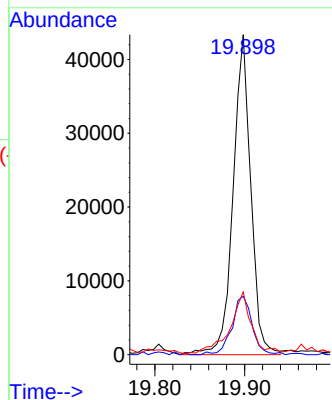
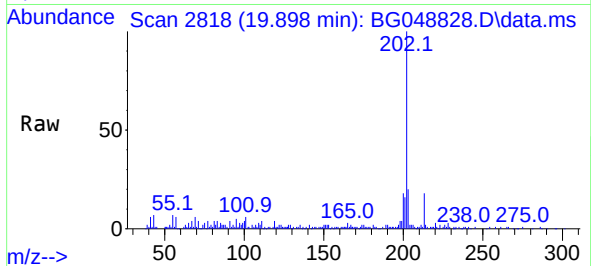
#78
Pyrene
Concen: 5.91 ng
RT: 19.898 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	202	Resp:	59259
Ion Ratio	Lower	Upper	
202	100		
200	18.2	15.8	23.8
203	19.6	14.6	21.8

Instrument :
BNA_G
ClientSampled :
SB-3B

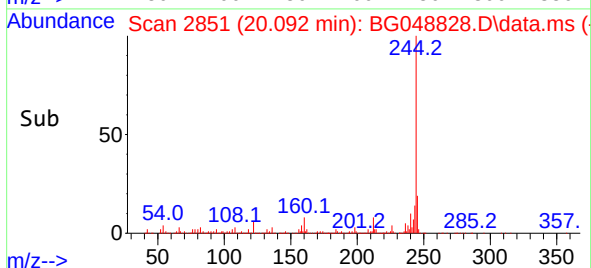
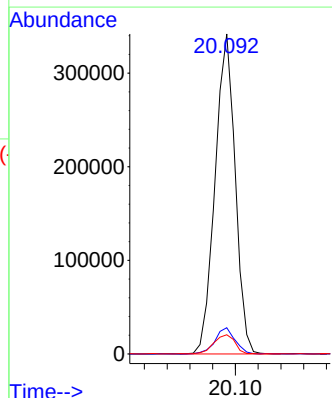
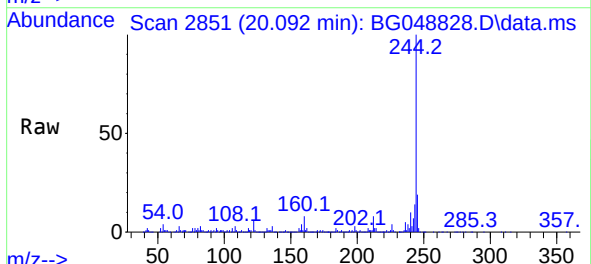
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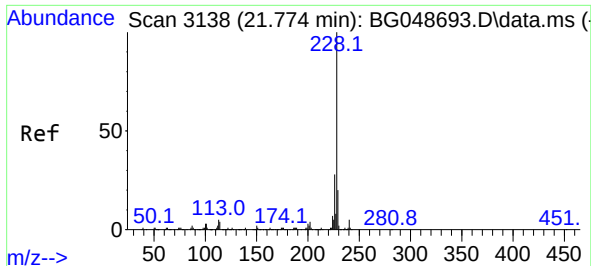
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#79
Terphenyl-d14
Concen: 49.98 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:	244	Resp:	420797
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.9	10.3
122	6.0	5.0	7.6





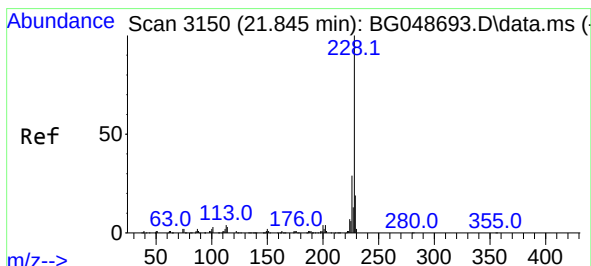
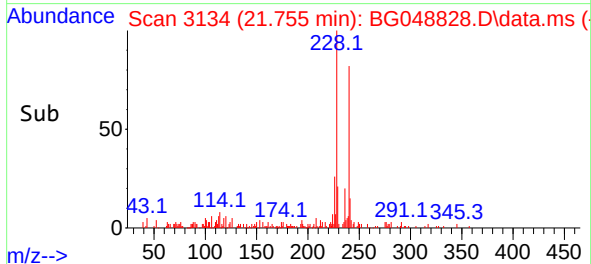
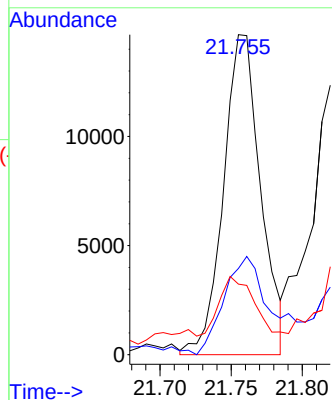
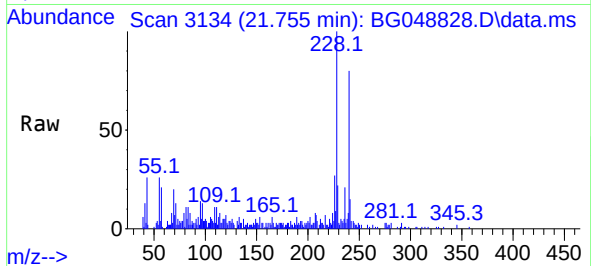
#81
Benzo(a)anthracene
Concen: 2.69 ng
RT: 21.755 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:228 Resp: 26660
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 22.1 16.0 24.0

Instrument :
BNA_G
ClientSampled :
SB-3B

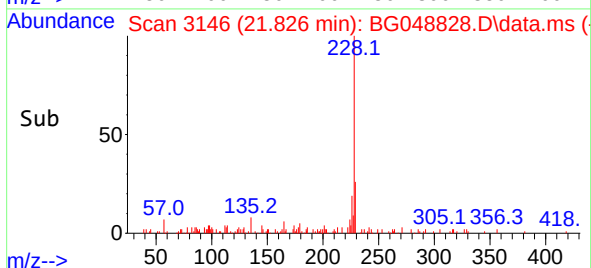
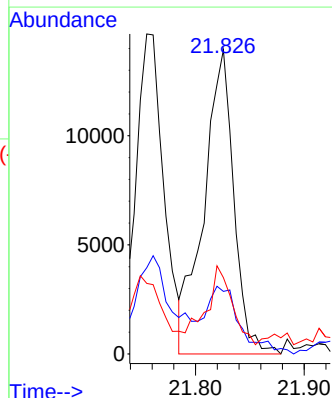
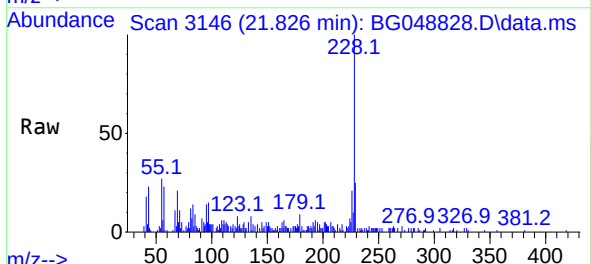
Manual Integrations
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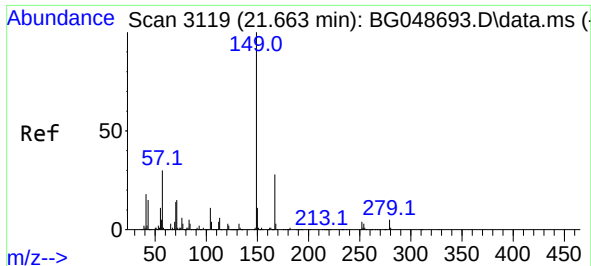
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#83
Chrysene
Concen: 2.83 ng m
RT: 21.826 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:228 Resp: 26738
Ion Ratio Lower Upper
228 100
226 20.6 23.1 34.7#
229 25.1 15.3 22.9#





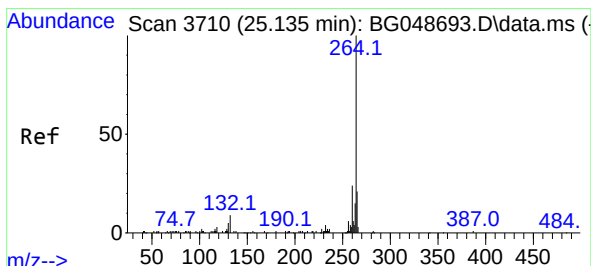
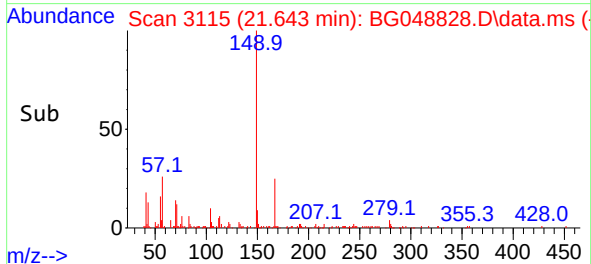
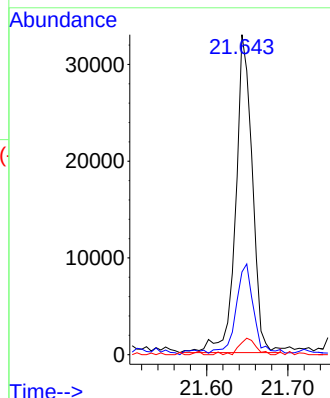
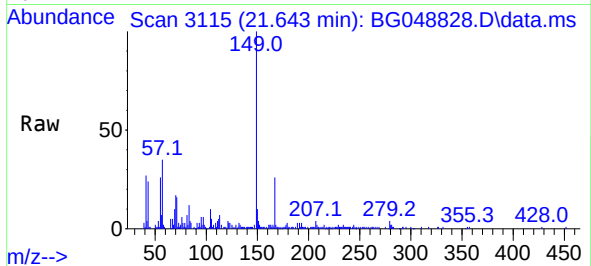
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.51 ng
RT: 21.643 min Scan# 3115
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Tgt Ion:149 Resp: 46681
Ion Ratio Lower Upper
149 100
167 25.9 22.3 33.5
279 3.7 3.8 5.8#

Instrument :
BNA_G
ClientSampled :
SB-3B

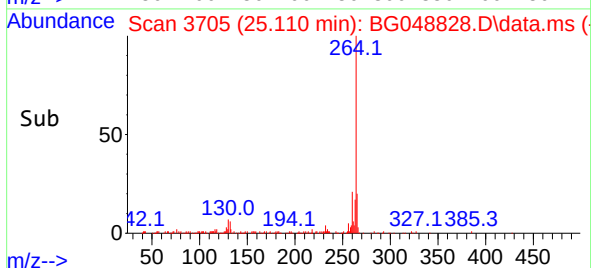
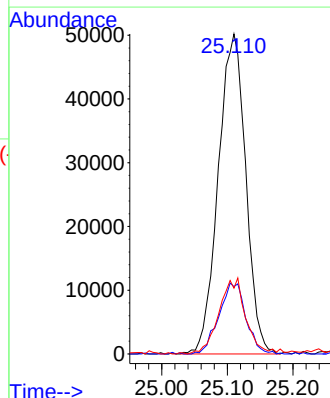
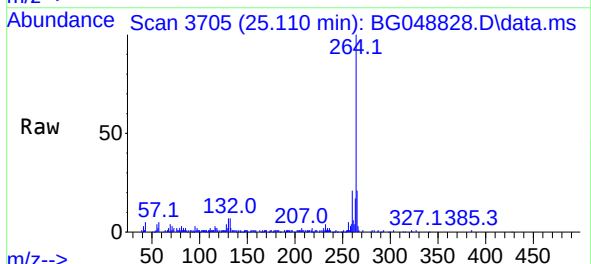
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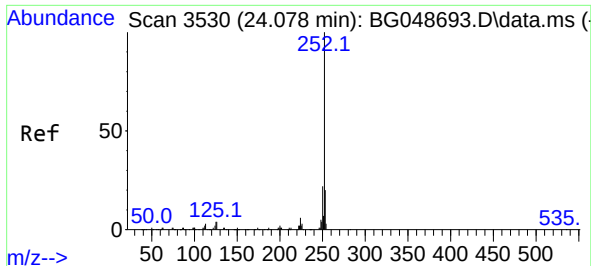
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.110 min Scan# 3705
Delta R.T. -0.002 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

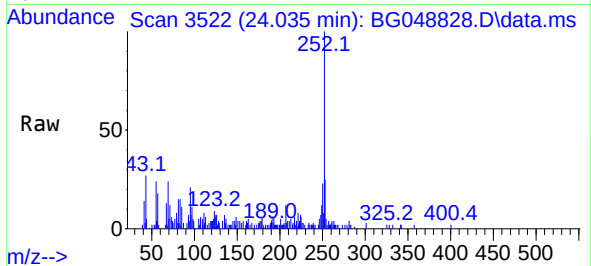
Tgt Ion:264 Resp: 146192
Ion Ratio Lower Upper
264 100
260 21.0 19.4 29.2
265 20.5 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 3.75 ng
RT: 24.035 min Scan# 3522
Delta R.T. -0.014 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

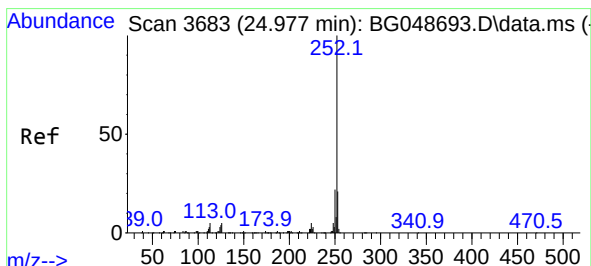
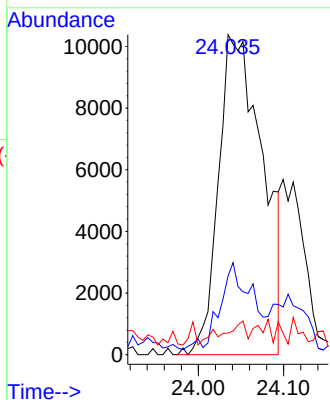
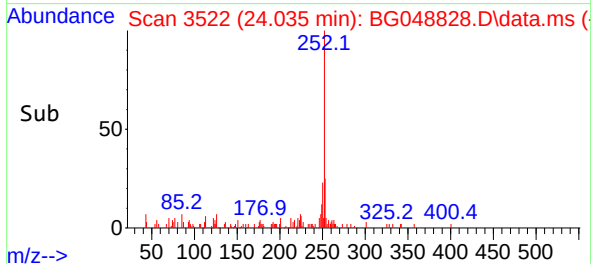
Instrument :
BNA_G
ClientSampled :
SB-3B



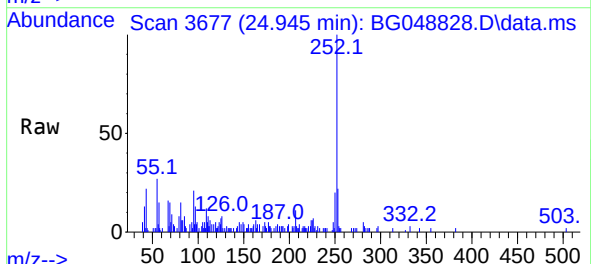
Tgt Ion:252 Resp: 37202
Ion Ratio Lower Upper
252 100
253 24.7 16.2 24.4#
125 6.7 3.0 4.4#

Manual Integrations
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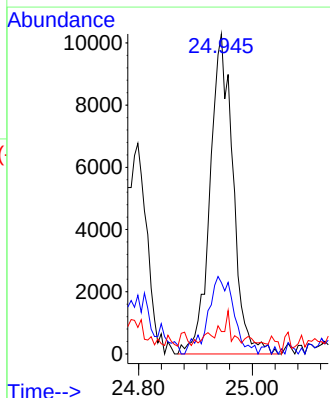
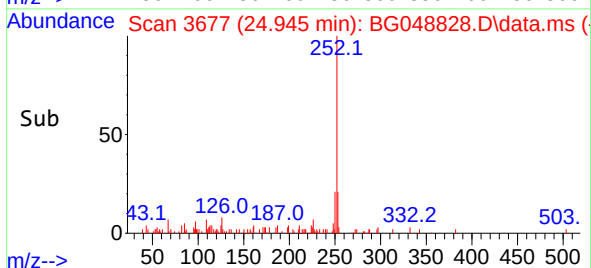
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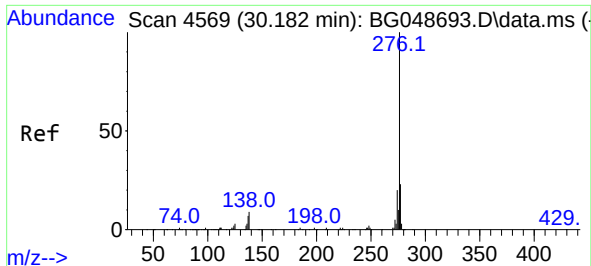


#90
Benzo(a)pyrene
Concen: 3.16 ng
RT: 24.945 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46



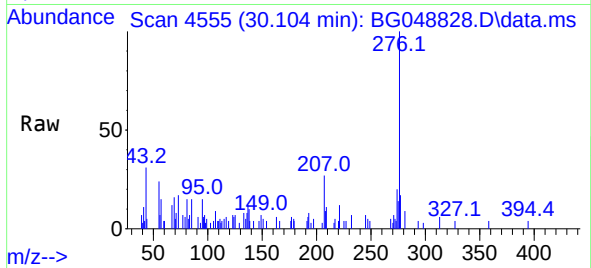
Tgt Ion:252 Resp: 28849
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 7.0 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.18 ng
RT: 30.104 min Scan# 4555
Delta R.T. -0.025 min
Lab File: BG048828.D
Acq: 21 Apr 2021 20:46

Instrument :
BNA_G
ClientSampled :
SB-3B



Tgt Ion	Ratio	Lower	Upper
276	100		
277	17.2	18.4	27.6#
138	14.6	7.0	10.6#

Manual Integrations
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