

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048593.D
 Acq On : 5 Apr 2021 21:21
 Operator : CG/JU
 Sample : M1909-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-10-5-10

Manual Integrations
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Quant Time: Apr 06 04:42:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	44394	20.00	ng	# 0.00
21) Naphthalene-d8	10.921	136	172772	20.00	ng	0.00
39) Acenaphthene-d10	14.746	164	107293	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	199979	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	180907	20.00	ng	0.00
86) Perylene-d12	25.139	264	179552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	156686	62.31	ng	0.00
7) Phenol-d6	7.243	99	206456	56.61	ng	0.00
23) Nitrobenzene-d5	9.264	82	142847	40.03	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	73466	52.09	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	300103	41.57	ng	0.00
79) Terphenyl-d14	20.110	244	340097	34.38	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.542	178	101303	9.76	ng	99
75) Fluoranthene	19.552	202	127520	9.91	ng	99
78) Pyrene	19.916	202	124739	10.03	ng	98
81) Benzo(a)anthracene	21.779	228	60861m	5.04	ng	
83) Chrysene	21.843	228	56809	4.93	ng	95
87) Indeno(1,2,3-cd)pyrene	28.976	276	38065m	3.02	ng	
88) Benzo(b)fluoranthene	24.076	252	74887	6.42	ng	96
90) Benzo(a)pyrene	24.993	252	56786	5.28	ng	96
92) Benzo(g,h,i)perylene	30.175	276	39665m	3.77	ng	

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

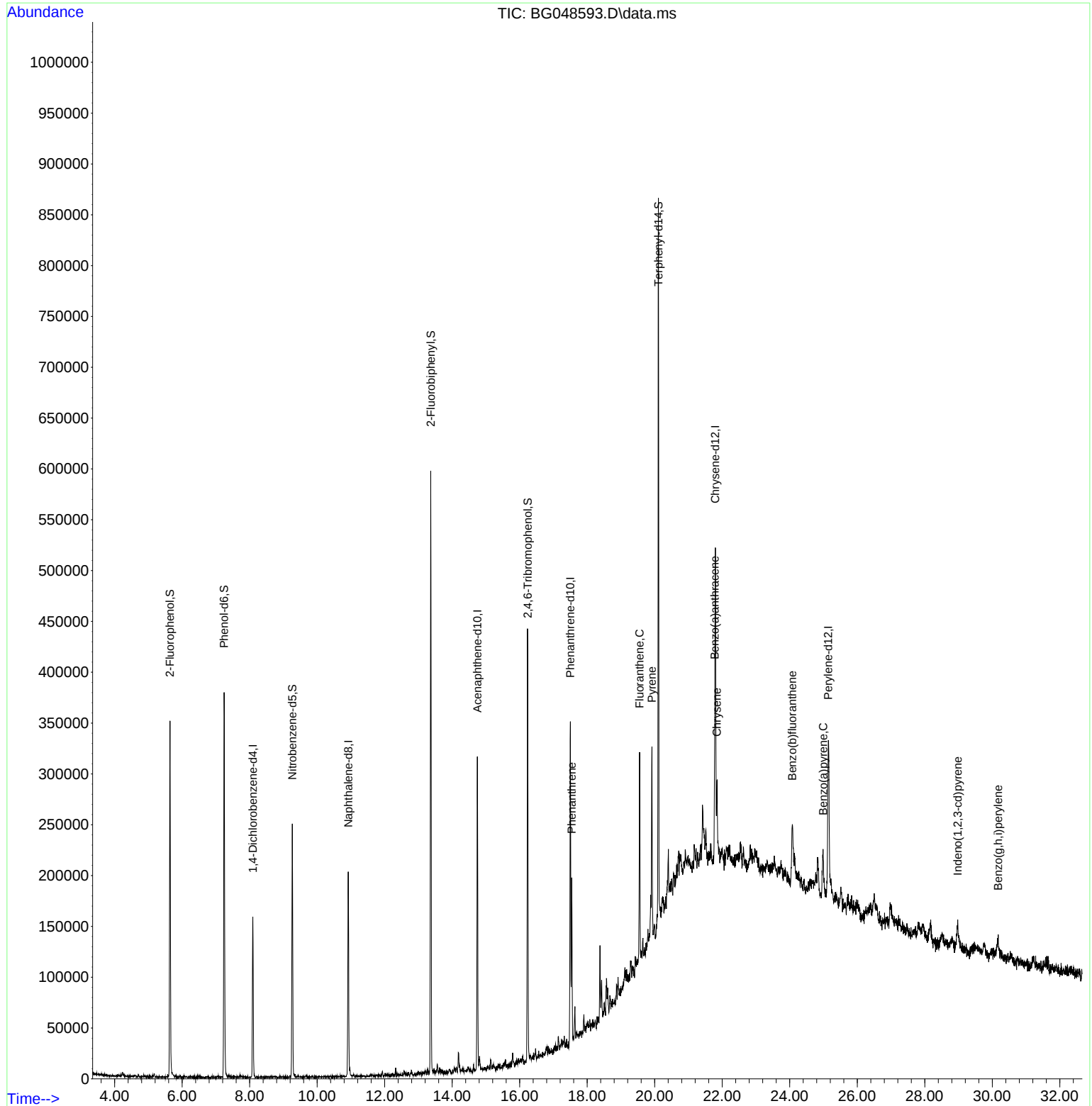
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Data File : BG048593.D
Acq On : 5 Apr 2021 21:21
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ALS Vial : 16 Sample Multiplier: 1

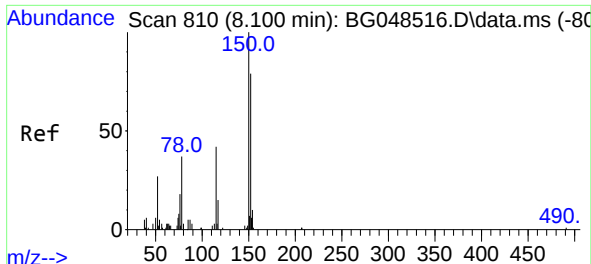
Instrument :
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ClientSampleId :
FS-SB-10-5-10

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Quant Time: Apr 06 04:42:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration





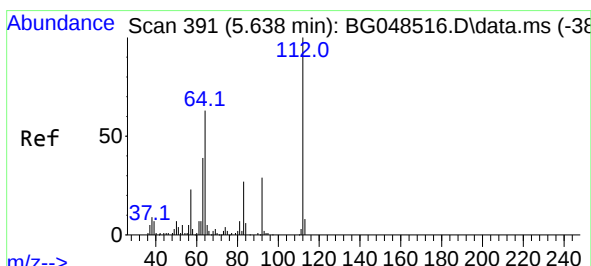
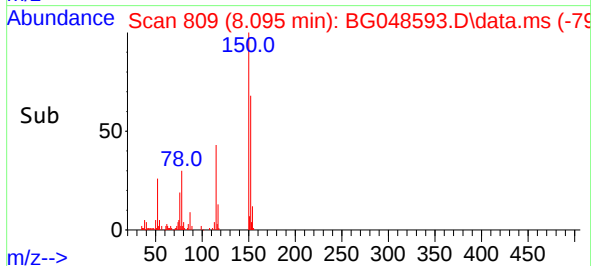
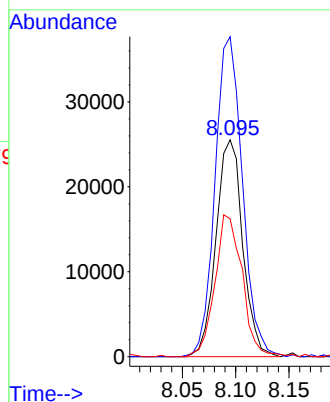
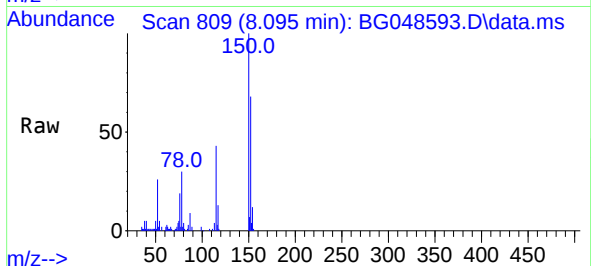
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.095 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:152 Resp: 44394
Ion Ratio Lower Upper
152 100
150 147.6 101.3 151.9
115 63.7 42.3 63.5#

Instrument :
BNA_G
ClientSampled :
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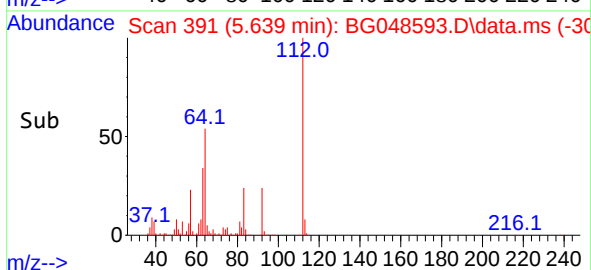
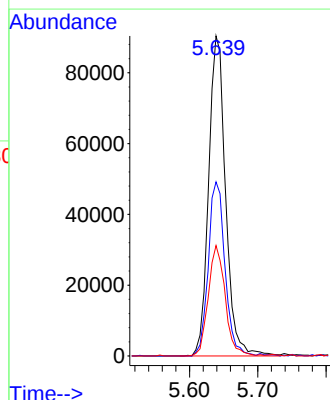
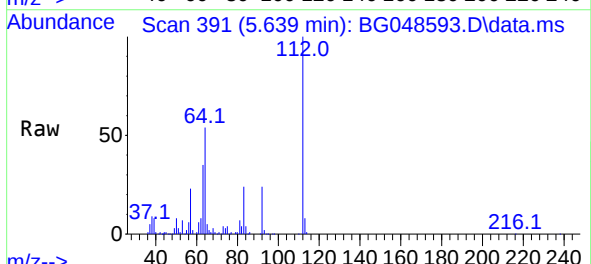
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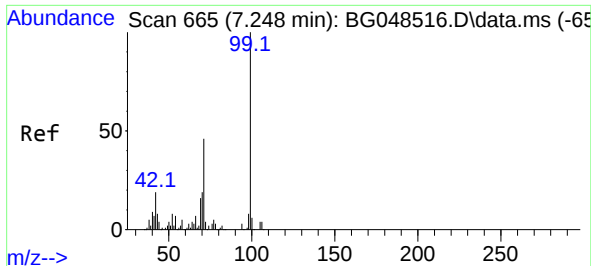
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#5
2-Fluorophenol
Concen: 62.31 ng
RT: 5.639 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:112 Resp: 156686
Ion Ratio Lower Upper
112 100
64 54.4 50.4 75.6
63 34.5 31.4 47.2





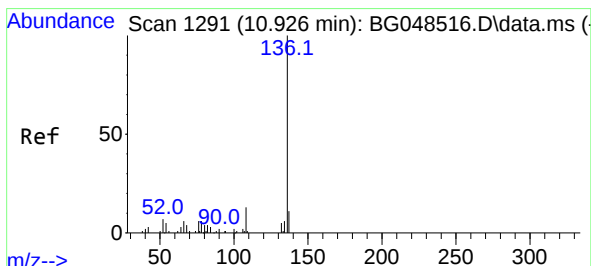
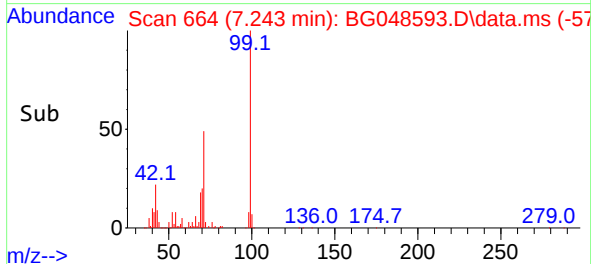
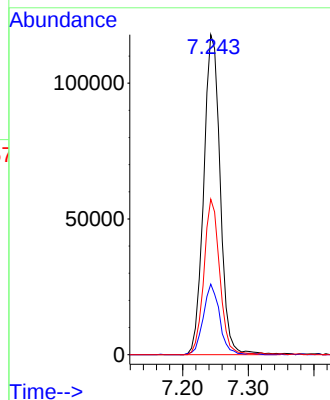
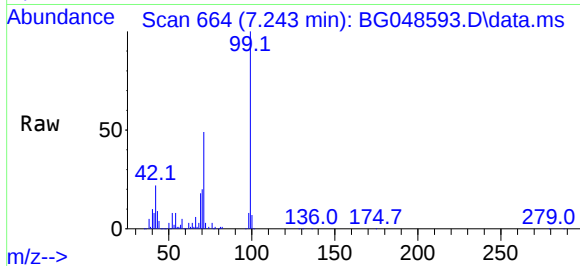
#7
Phenol-d6
Concen: 56.61 ng
RT: 7.243 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:	99	Resp:	206456
Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.5	23.3
71	48.6	36.6	54.8

Instrument :
BNA_G
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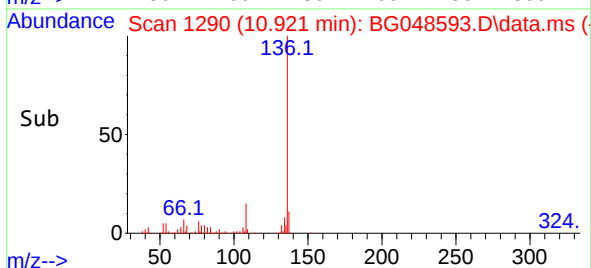
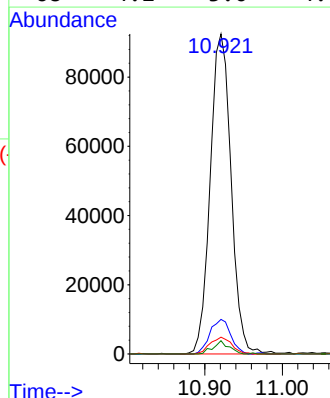
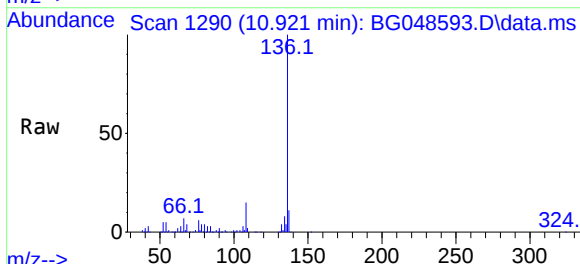
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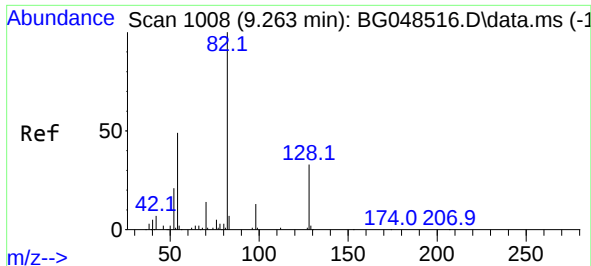
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.921 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:	136	Resp:	172772
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.2	4.2	6.4
68	4.2	3.0	4.4





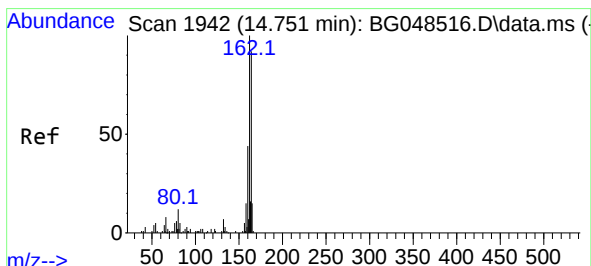
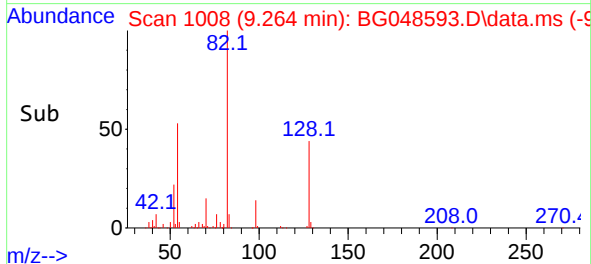
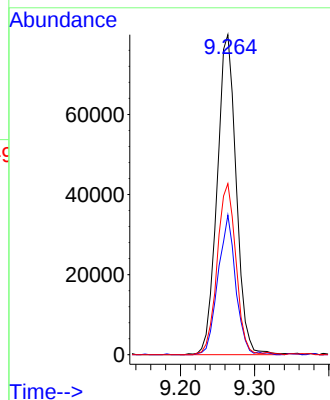
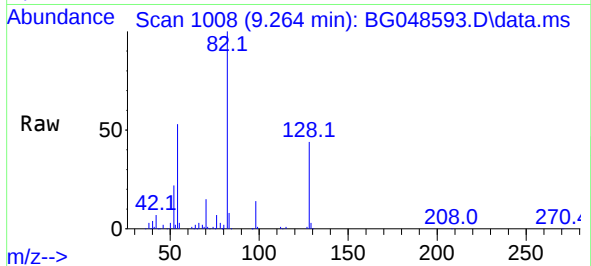
#23
Nitrobenzene-d5
Concen: 40.03 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion: 82 Resp: 142847
Ion Ratio Lower Upper
82 100
128 43.6 26.2 39.4#
54 53.5 38.9 58.3

Instrument :
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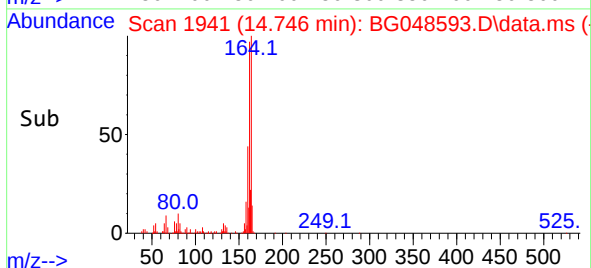
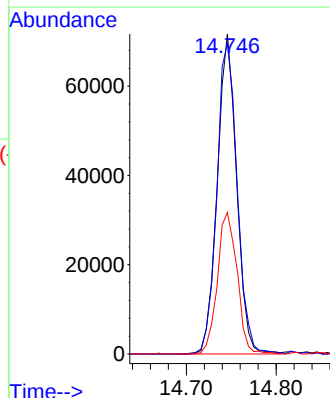
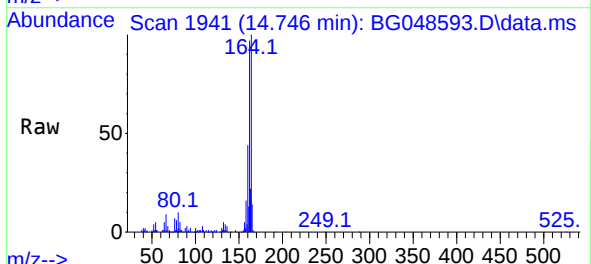
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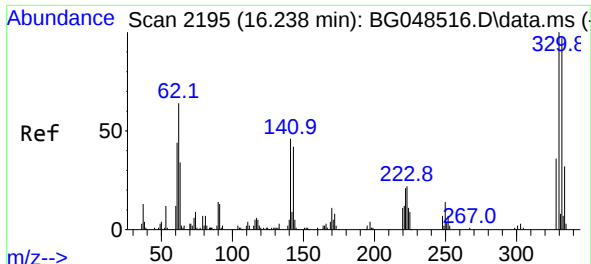
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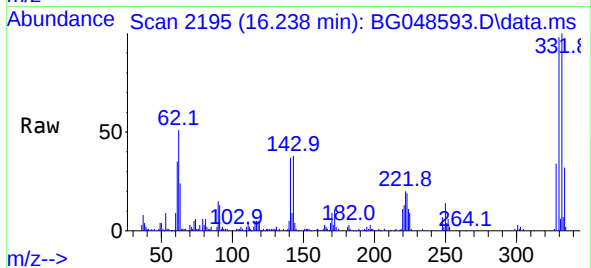
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:164 Resp: 107293
Ion Ratio Lower Upper
164 100
162 97.1 87.0 130.6
160 44.2 38.4 57.6

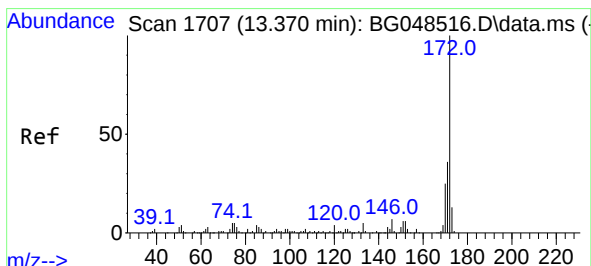
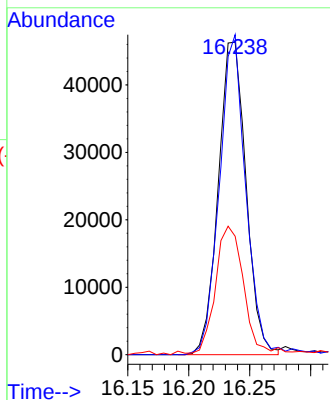
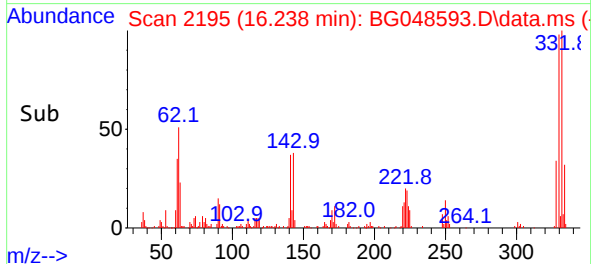




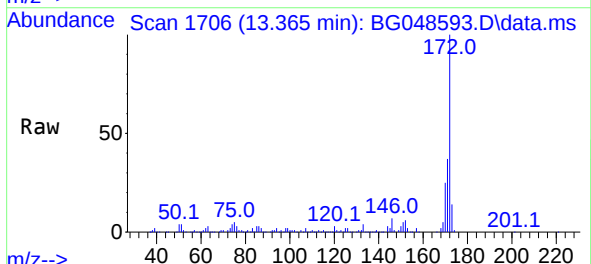
#42
2,4,6-Tribromophenol
Concen: 52.09 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



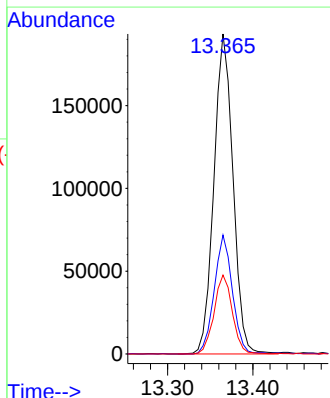
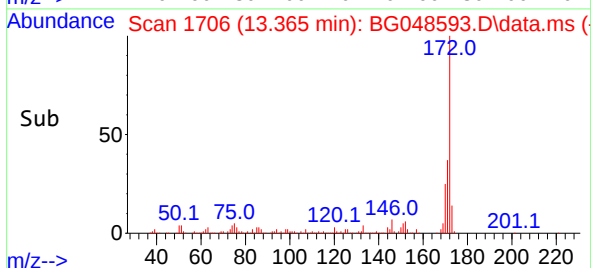
Tgt Ion:330 Resp: 73466
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 43.0 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 41.57 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



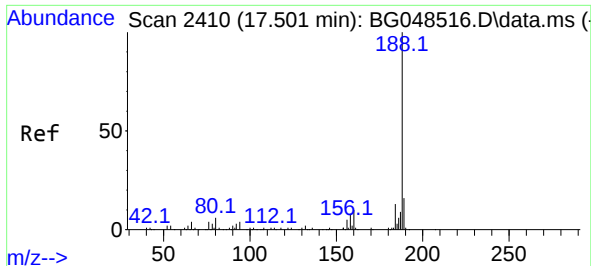
Tgt Ion:172 Resp: 300103
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.6 19.8 29.6



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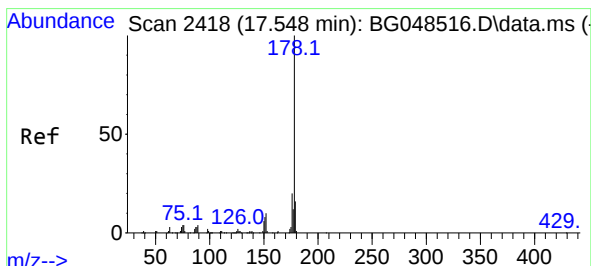
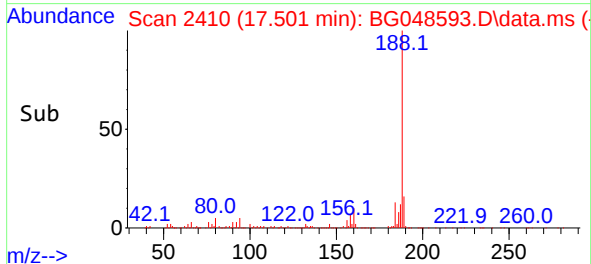
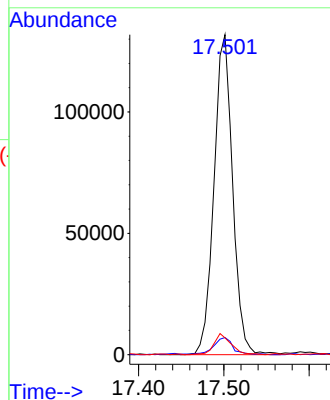
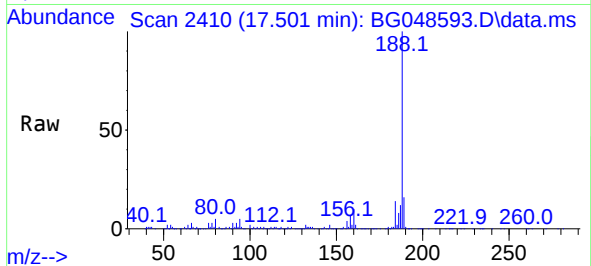
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:188 Resp: 199979
Ion Ratio Lower Upper
188 100
94 5.4 3.0 4.6#
80 5.2 4.5 6.7

Instrument :
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ClientSampleId :
FS-SB-10-5-10

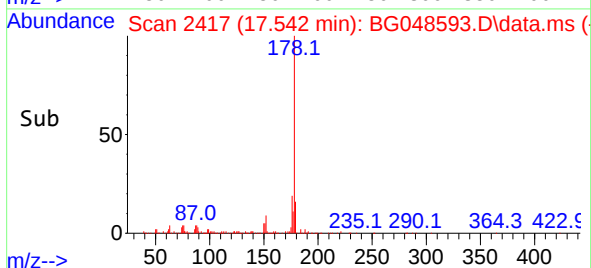
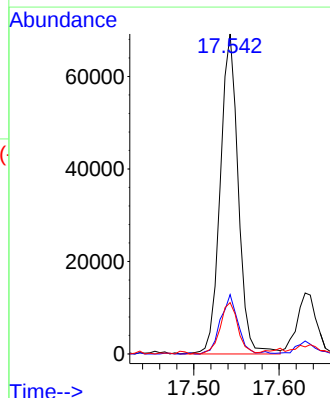
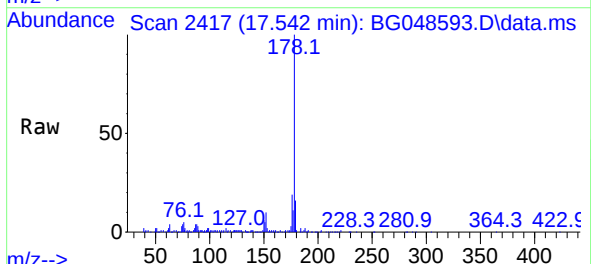
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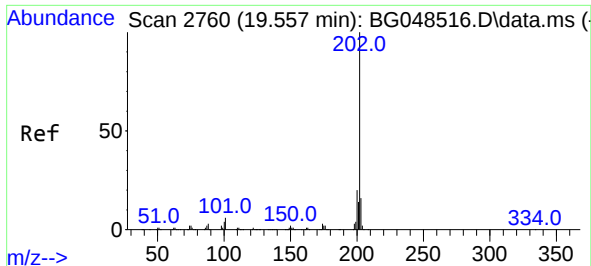
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#71
Phenanthrene
Concen: 9.76 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:178 Resp: 101303
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 16.1 12.9 19.3





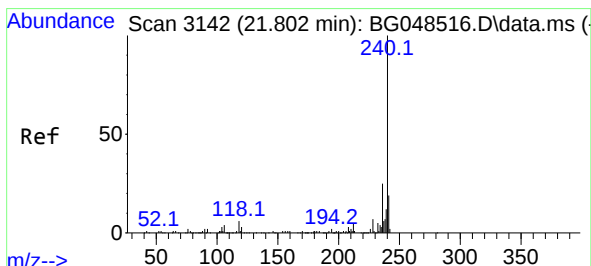
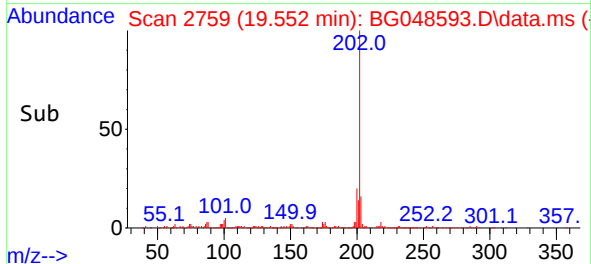
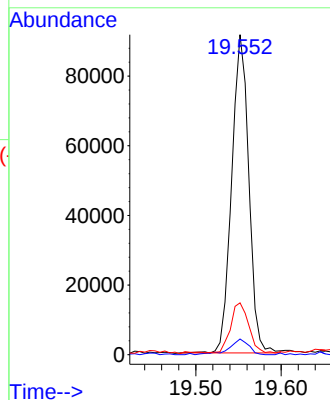
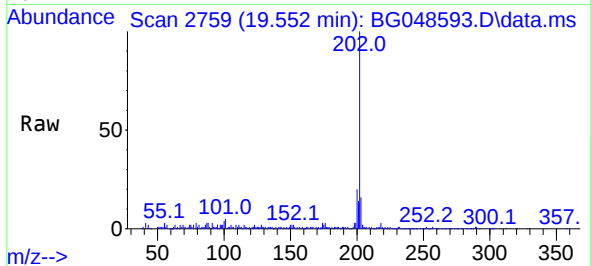
#75
Fluoranthene
Concen: 9.91 ng
RT: 19.552 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:202 Resp: 127520
Ion Ratio Lower Upper
202 100
101 4.9 0.0 25.8
203 16.2 0.0 36.4

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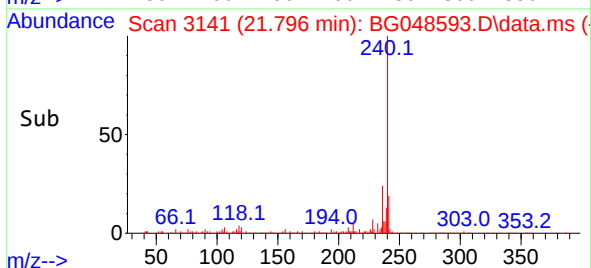
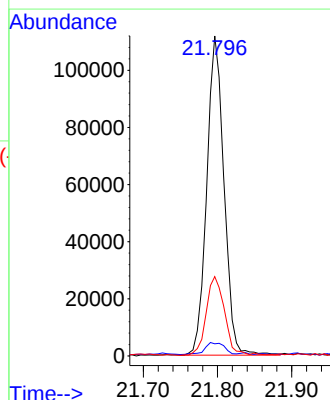
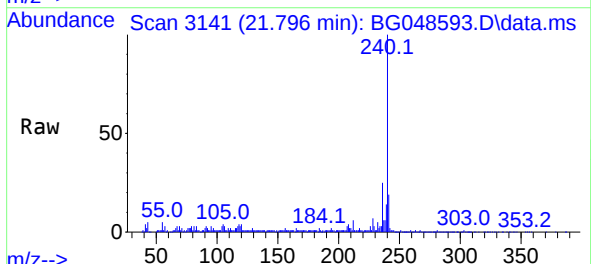
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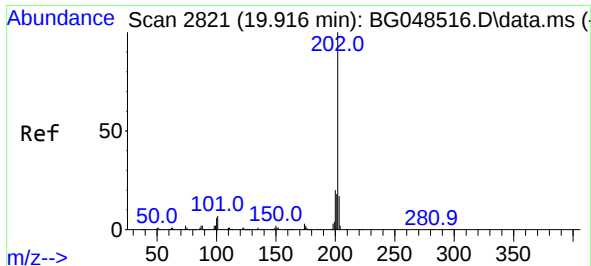
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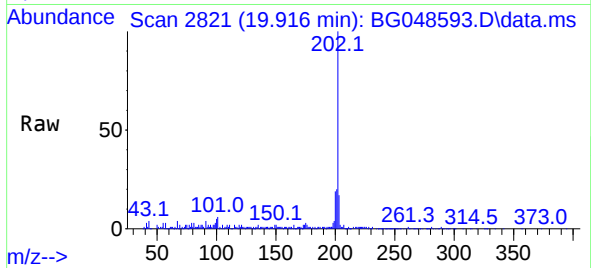
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:240 Resp: 180907
Ion Ratio Lower Upper
240 100
120 3.8 2.6 3.8
236 24.8 19.8 29.6

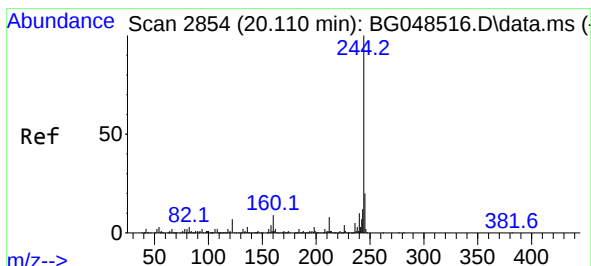
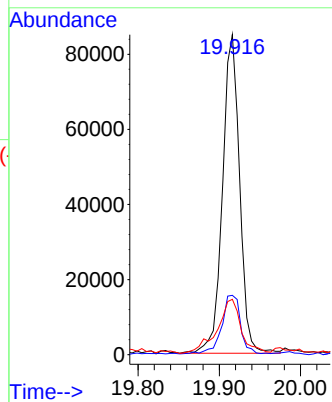
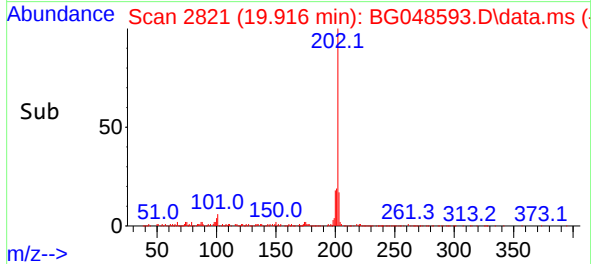




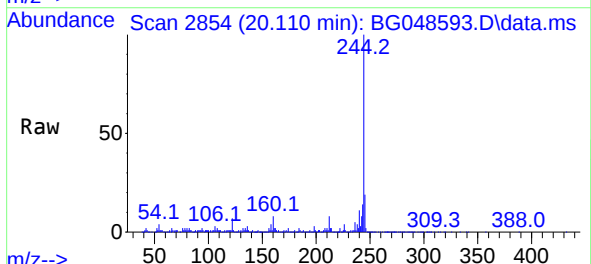
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Pyrene
Concen: 10.03 ng
RT: 19.916 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



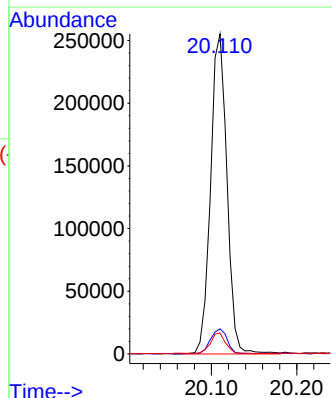
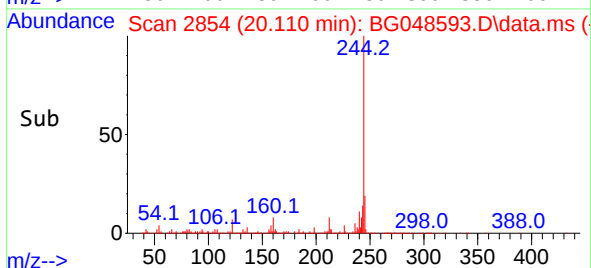
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Ion Ratio Lower Upper
202 100
200 18.6 16.1 24.1
203 17.3 13.6 20.4



#79
Terphenyl-d14
Concen: 34.38 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



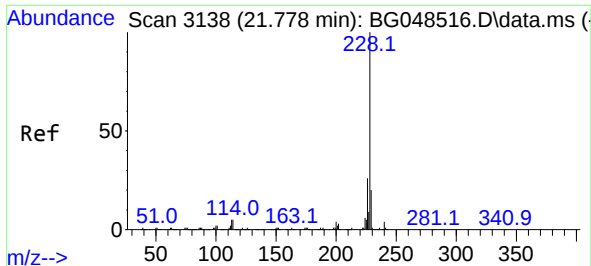
Tgt Ion:244 Resp: 340097
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.6 5.8 8.6



Instrument :
BNA_G
ClientSampleId :
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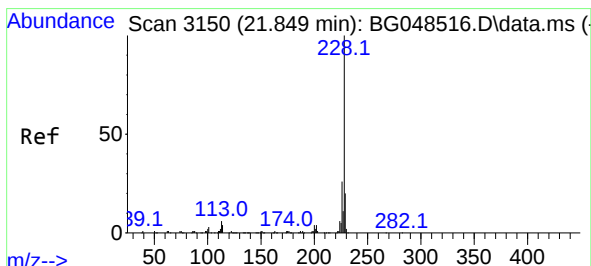
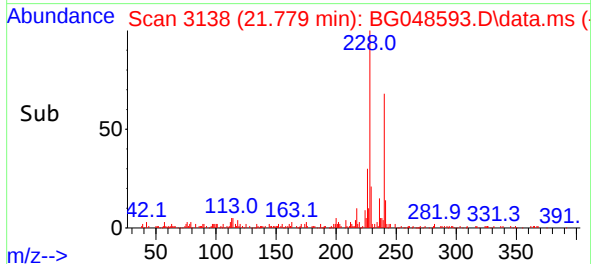
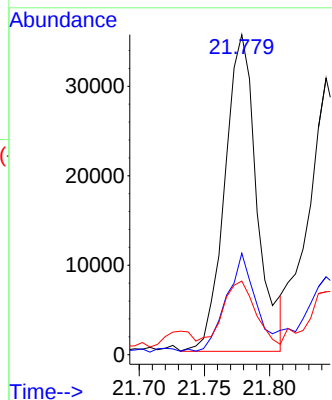
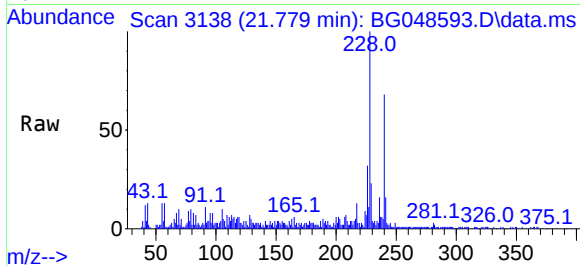
#81
Benzo(a)anthracene
Concen: 5.04 ng m
RT: 21.779 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:228 Resp: 60861
Ion Ratio Lower Upper
228 100
226 31.7 20.6 30.8#
229 23.0 15.8 23.8

Instrument :
BNA_G
ClientSampled :
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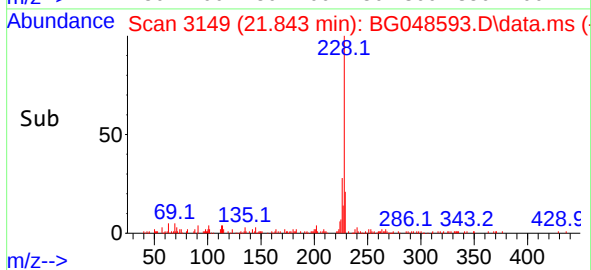
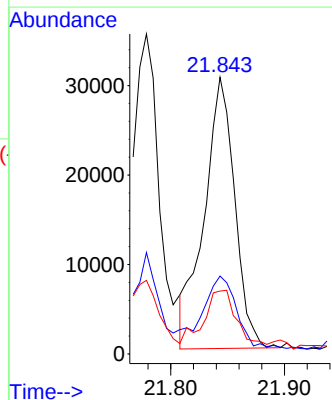
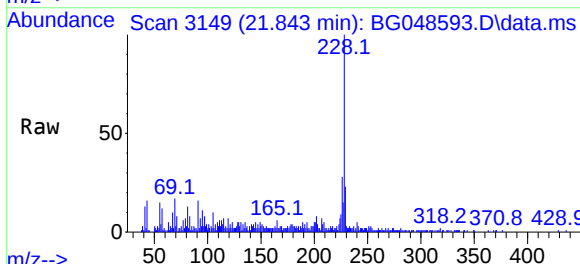
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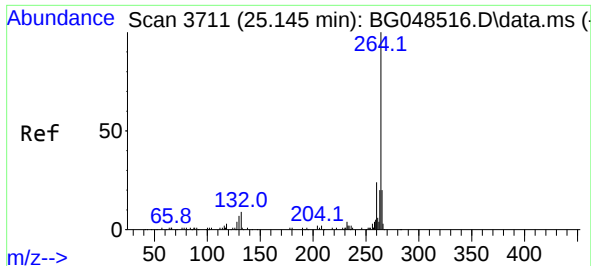
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#83
Chrysene
Concen: 4.93 ng
RT: 21.843 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:228 Resp: 56809
Ion Ratio Lower Upper
228 100
226 28.1 20.6 31.0
229 22.7 16.3 24.5





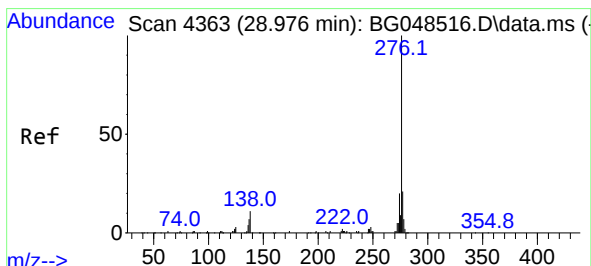
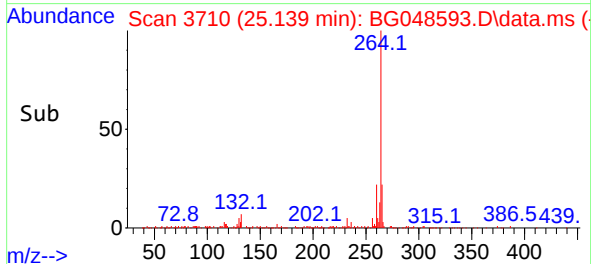
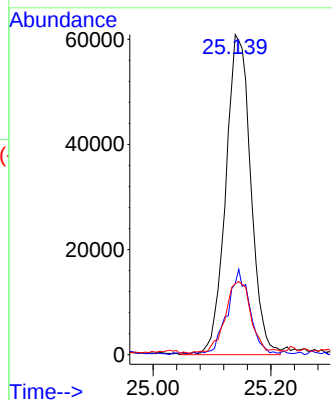
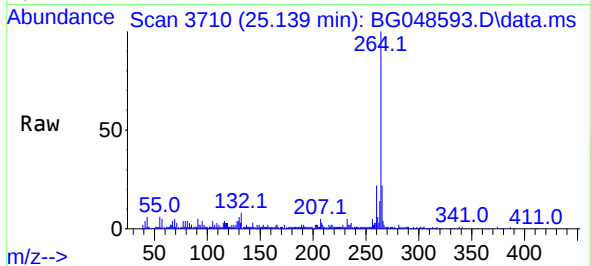
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.011 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:264 Resp: 179552
Ion Ratio Lower Upper
264 100
260 22.2 19.1 28.7
265 22.2 16.1 24.1

Instrument :
BNA_G
ClientSampled :
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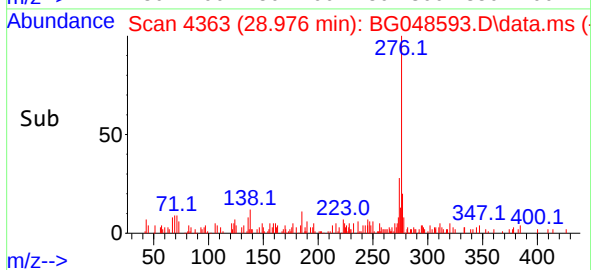
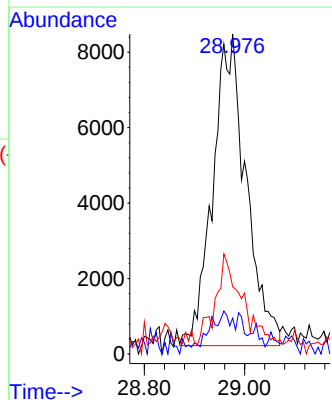
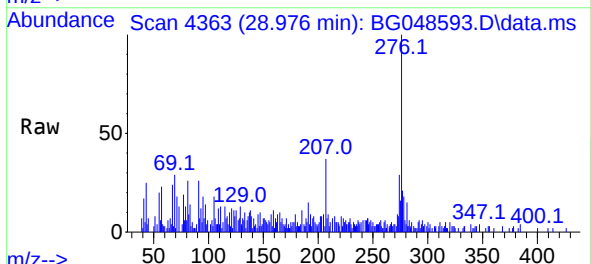
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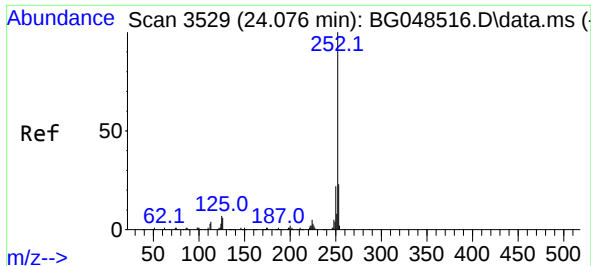
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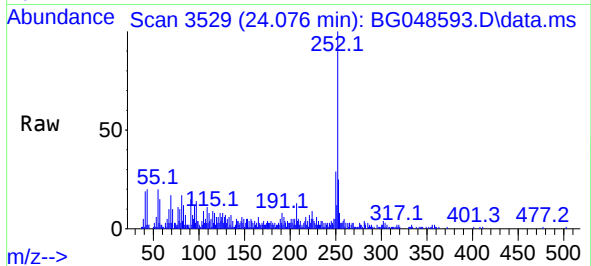
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.02 ng m
RT: 28.976 min Scan# 4363
Delta R.T. -0.017 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:276 Resp: 38065
Ion Ratio Lower Upper
276 100
138 4.3 7.8 11.8#
277 20.2 0.0 0.0#

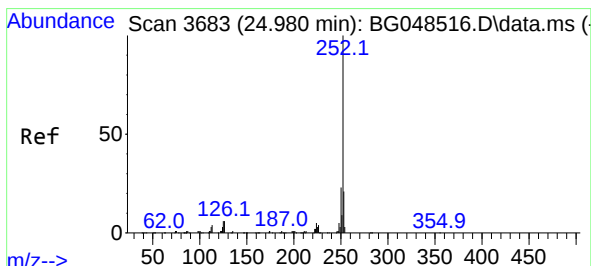
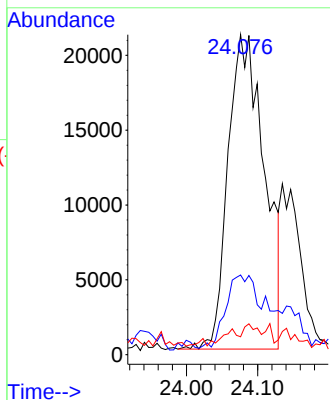
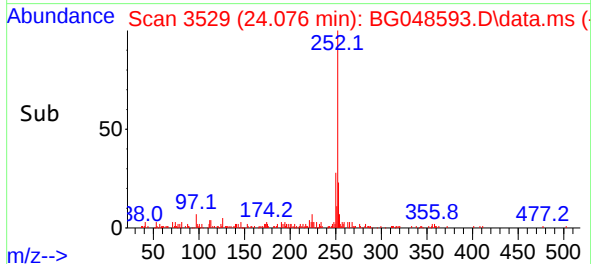




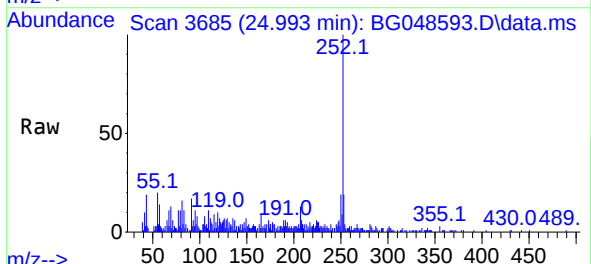
#88
Benzo(b)fluoranthene
Concen: 6.42 ng
RT: 24.076 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



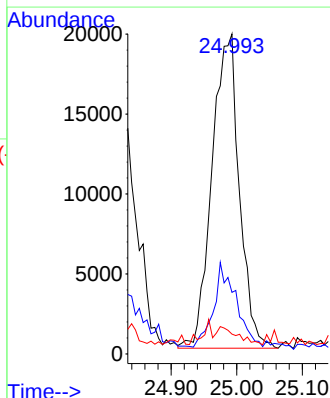
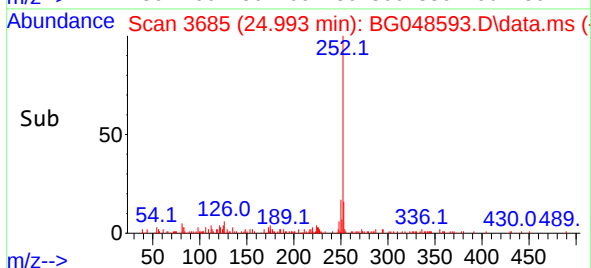
Tgt Ion:252 Resp: 74887
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.4
125 5.6 5.3 7.9



#90
Benzo(a)pyrene
Concen: 5.28 ng
RT: 24.993 min Scan# 3685
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



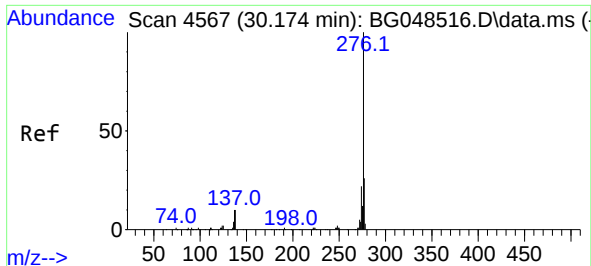
Tgt Ion:252 Resp: 56786
Ion Ratio Lower Upper
252 100
253 19.3 17.1 25.7
125 6.2 4.4 6.6



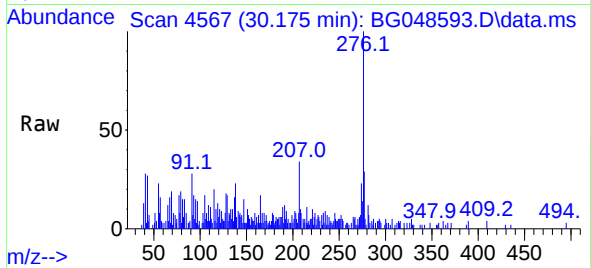
Instrument :
BNA_G
ClientSampleId :
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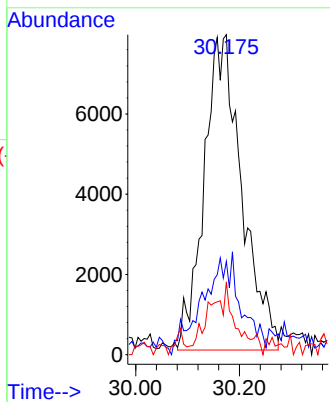
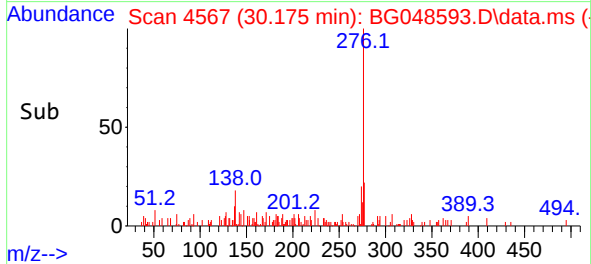
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#92
Benzo(g,h,i)perylene
Concen: 3.77 ng m
RT: 30.175 min Scan# 4567
Delta R.T. -0.022 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21



Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.1	20.4	30.6
138	22.8	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

Manual Integrations
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