

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048959.D
 Acq On : 14 Jun 2021 21:36
 Operator : CG/JU
 Sample : M2678-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0205-COMP-F(DISCRETE-CL-05)

Manual Integrations
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Quant Time: Jun 15 01:14:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	38258	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	162099	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	117397	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	250925	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	241574	20.00	ng	-0.01
86) Perylene-d12	25.141	264	252074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	368934	150.12	ng	0.00
7) Phenol-d6	7.280	99	514469	139.67	ng	0.02
23) Nitrobenzene-d5	9.289	82	365454	97.21	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	218299	125.51	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	745634	89.72	ng	0.00
79) Terphenyl-d14	20.118	244	1066610	80.86	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.559	202	187659	11.02	ng	97
78) Pyrene	19.924	202	161674	9.22	ng	98
81) Benzo(a)anthracene	21.786	228	142609	8.22	ng	99
83) Chrysene	21.851	228	104680m	6.29	ng	
84) Bis(2-ethylhexyl)phtha...	21.692	149	27089	2.87	ng	99
88) Benzo(b)fluoranthene	24.083	252	119651	6.66	ng	# 98
89) Benzo(k)fluoranthene	24.142	252	45834m	2.69	ng	
90) Benzo(a)pyrene	24.977	252	94101	5.74	ng	# 97
92) Benzo(g,h,i)perylene	30.135	276	37530	2.35	ng	# 96

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

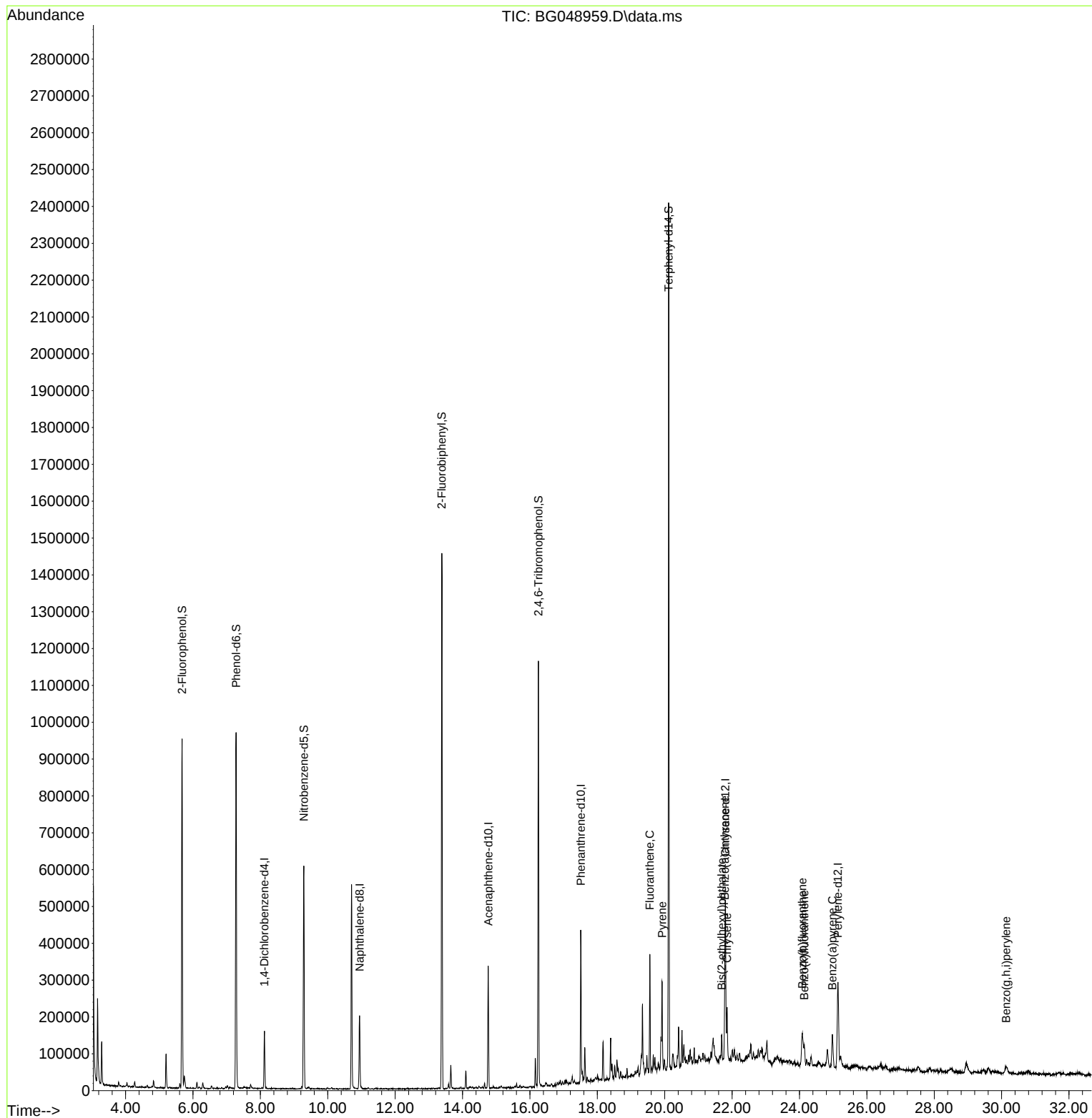
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Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
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0205-COMP-F(DISCRETE-CL-05)

Manual Integrations
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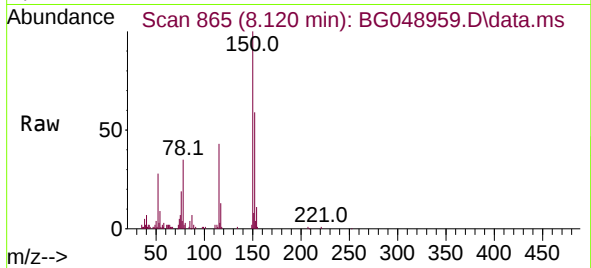
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Quant Time: Jun 15 01:14:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

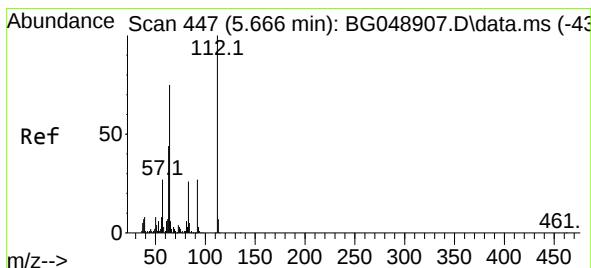
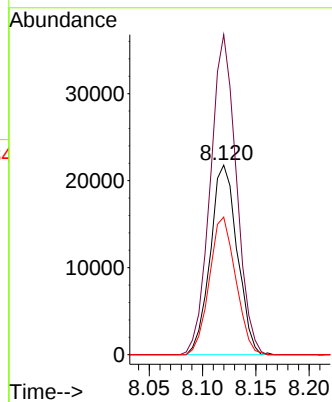
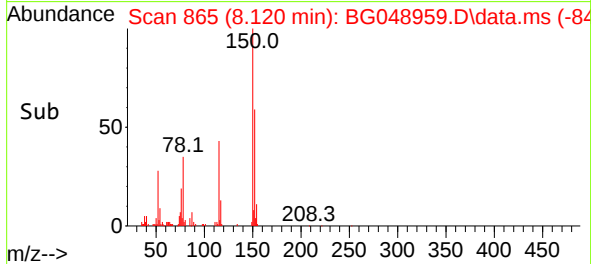




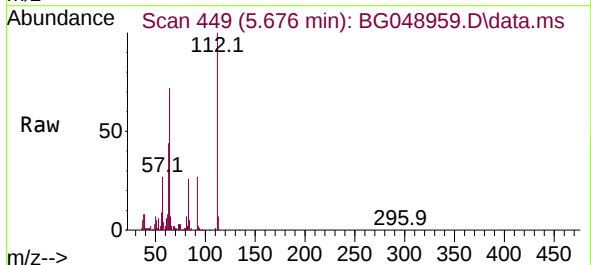
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



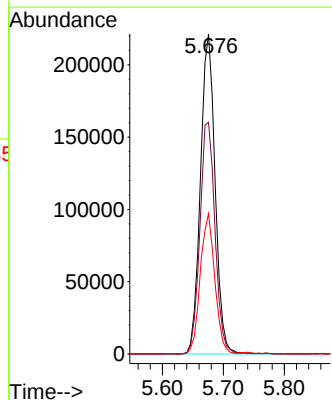
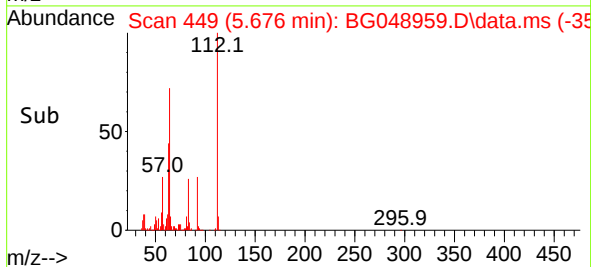
Tgt Ion:152 Resp: 38258
Ion Ratio Lower Upper
152 100
150 168.8 119.4 179.0
115 72.6 60.2 90.4



#5
2-Fluorophenol
Concen: 150.12 ng
RT: 5.676 min Scan# 449
Delta R.T. 0.010 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



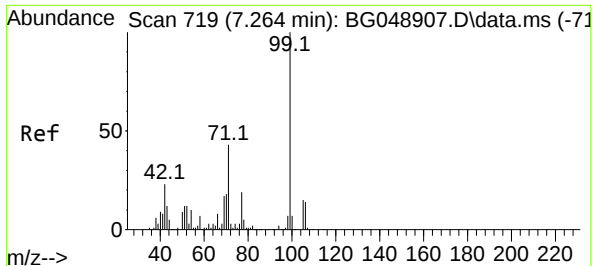
Tgt Ion:112 Resp: 368934
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 43.8 35.3 52.9



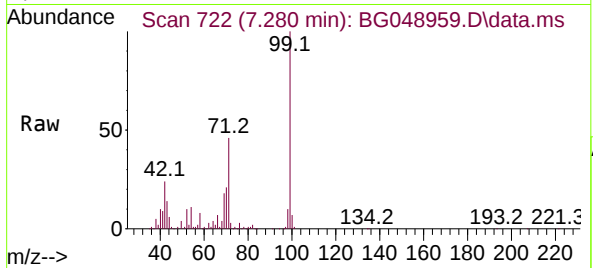
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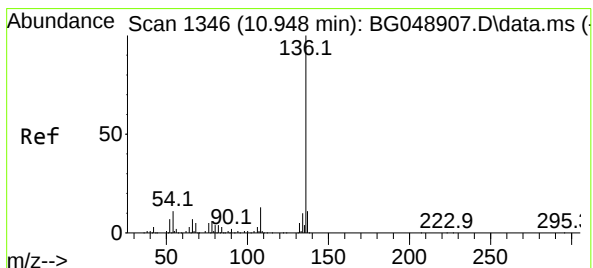
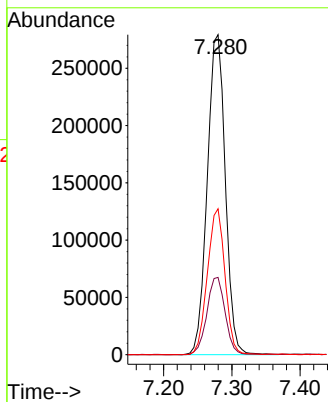
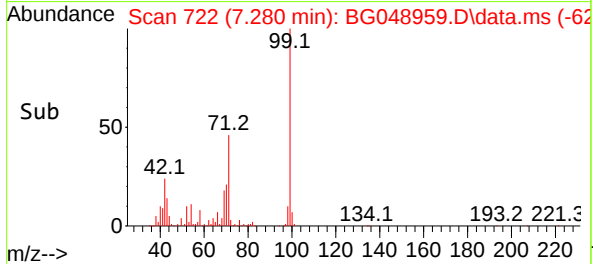
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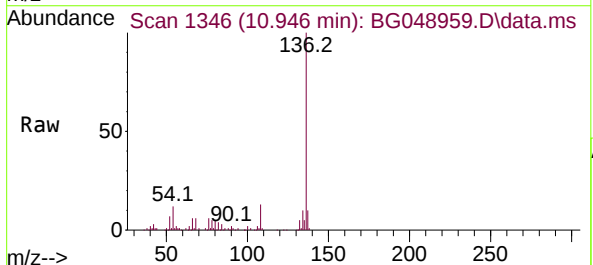
#7
Phenol-d6
Concen: 139.67 ng
RT: 7.280 min Scan# 722
Delta R.T. 0.016 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



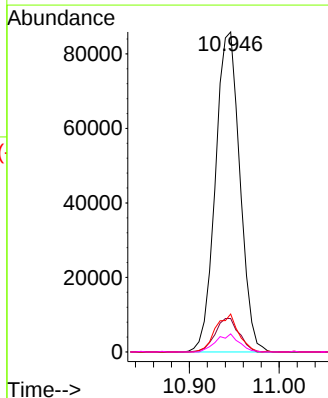
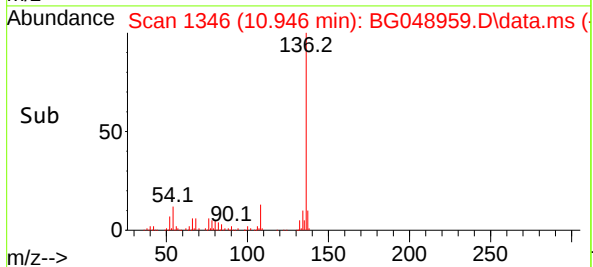
Tgt Ion: 99 Resp: 514469
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 45.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



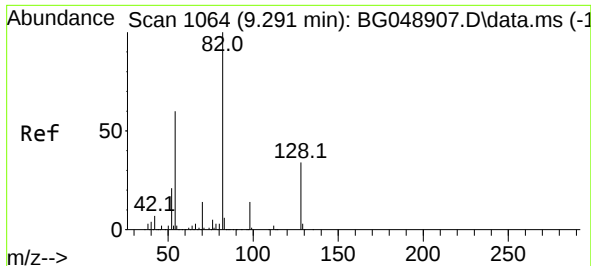
Tgt Ion: 136 Resp: 162099
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 11.8 5.5 8.3#
68 5.6 2.3 3.5#



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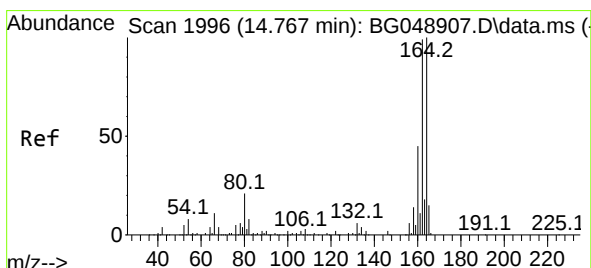
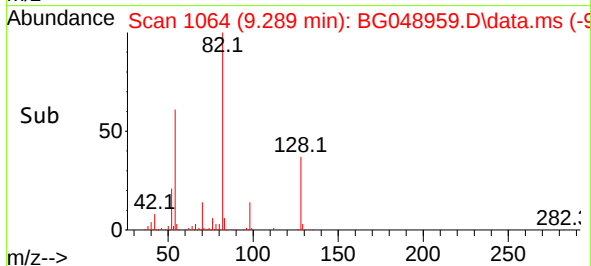
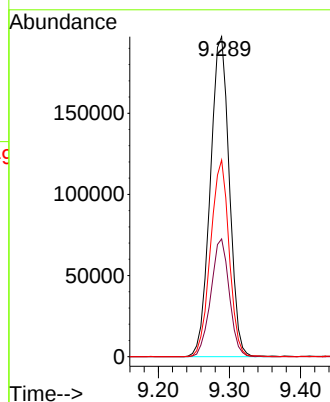
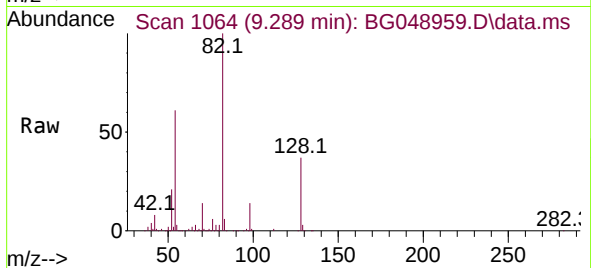
#23
Nitrobenzene-d5
Concen: 97.21 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion: 82 Resp: 365454
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 61.4 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

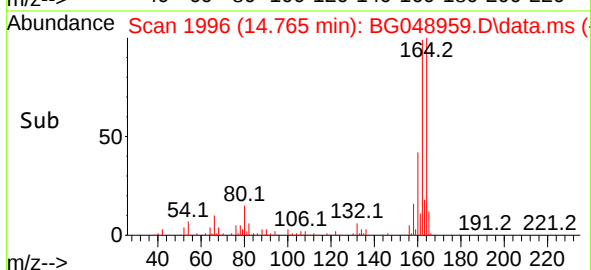
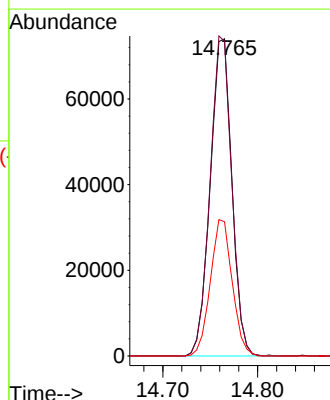
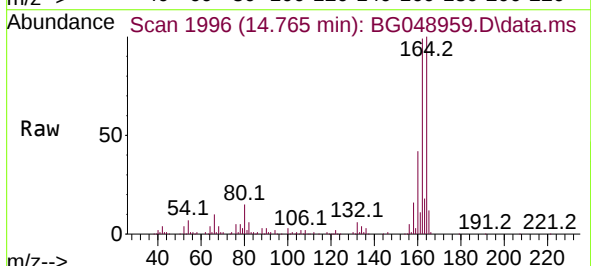
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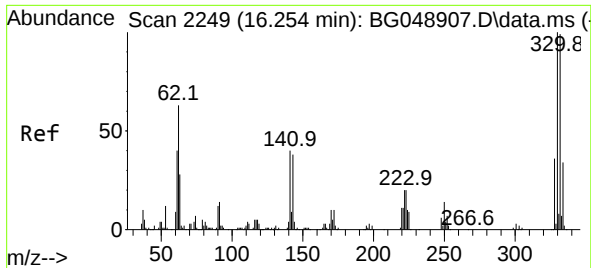
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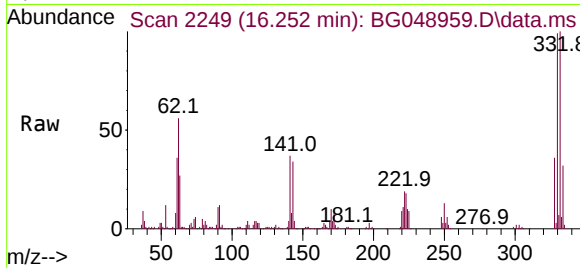
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion: 164 Resp: 117397
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 42.3 34.9 52.3

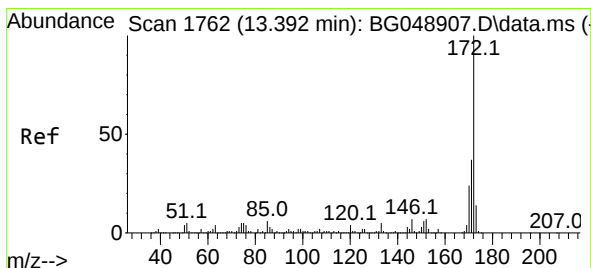
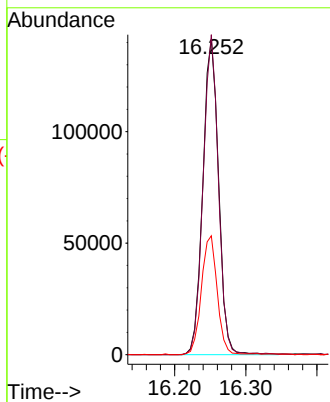
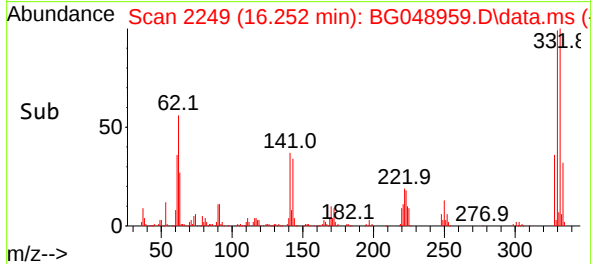




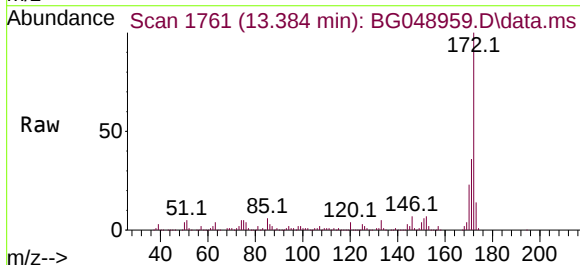
#42
2,4,6-Tribromophenol
Concen: 125.51 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.003 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



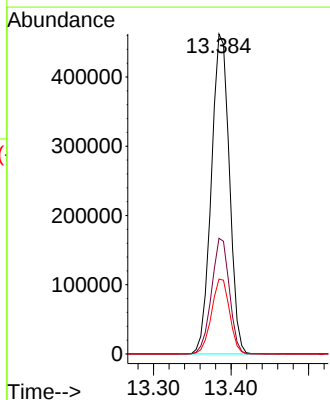
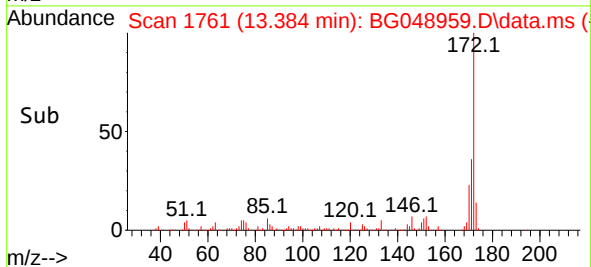
Tgt Ion:330 Resp: 218299
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 37.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 89.72 ng
RT: 13.384 min Scan# 1761
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



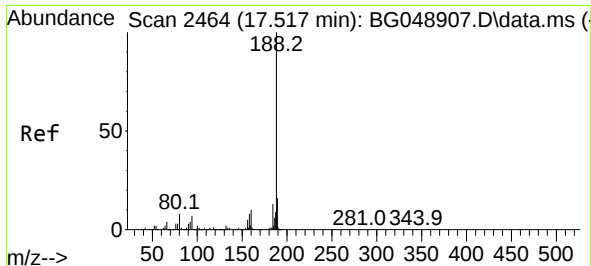
Tgt Ion:172 Resp: 745634
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.4 18.6 27.8



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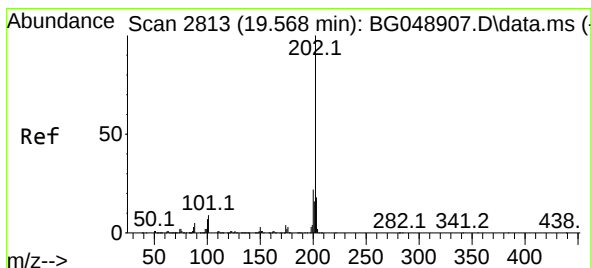
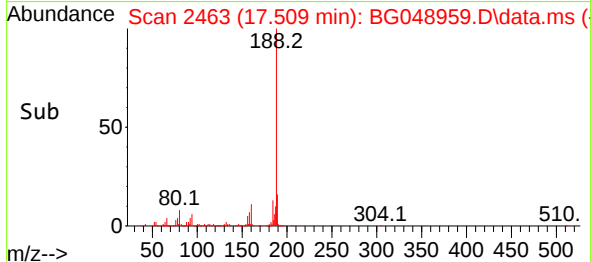
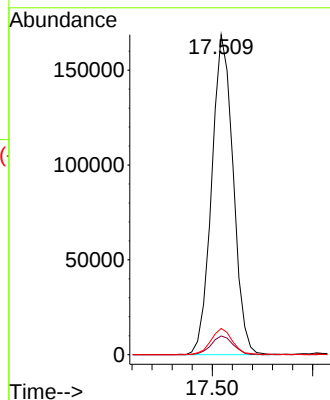
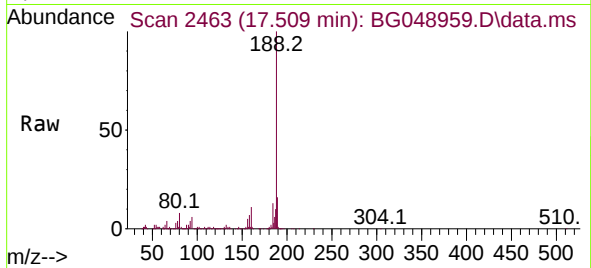
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.4	8.0
80	8.2	3.7	5.5#

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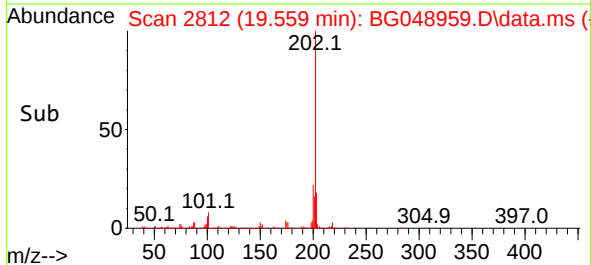
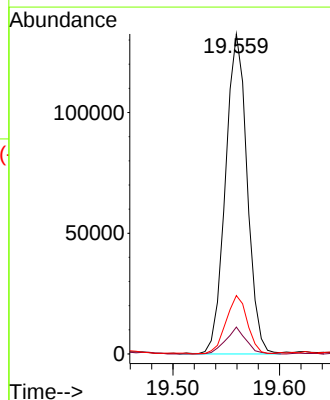
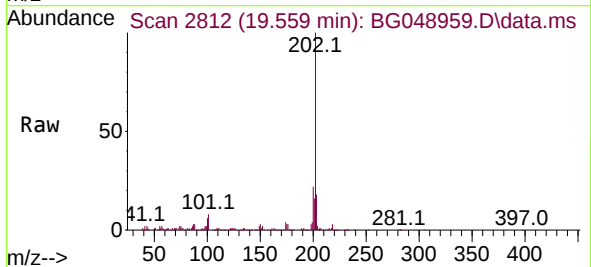
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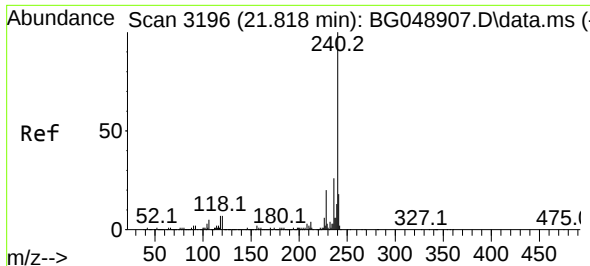
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#75
Fluoranthene
Concen: 11.02 ng
RT: 19.559 min Scan# 2812
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

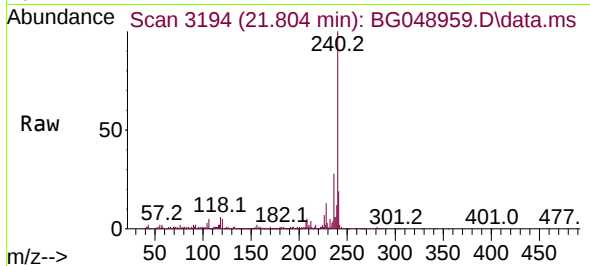
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	24.7
203	18.2	0.0	38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

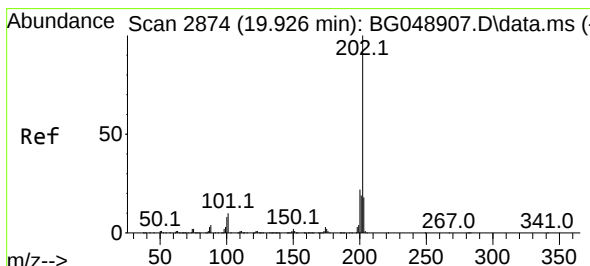
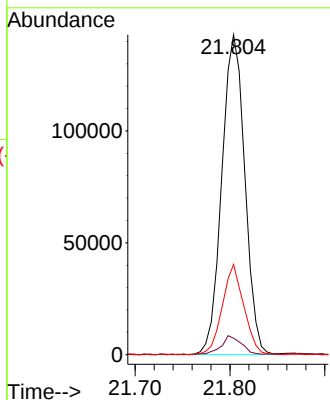
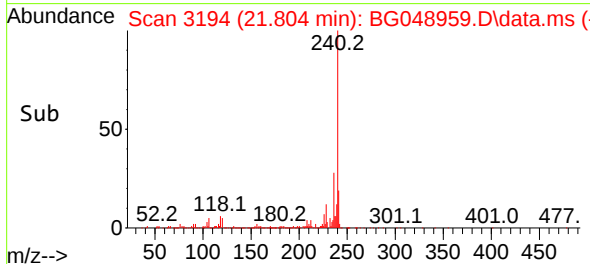
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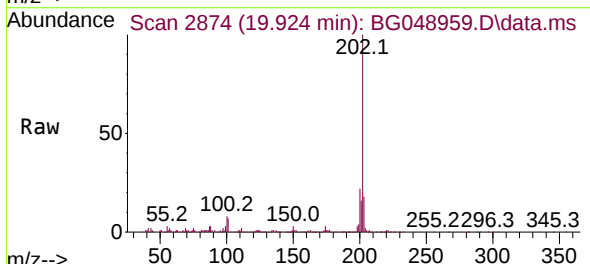
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Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 28.2 21.8 32.6

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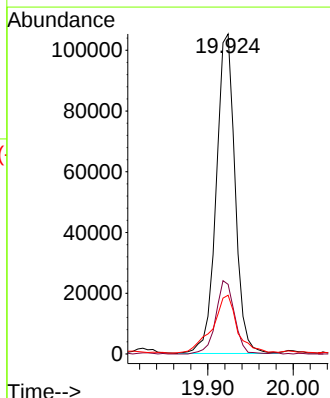
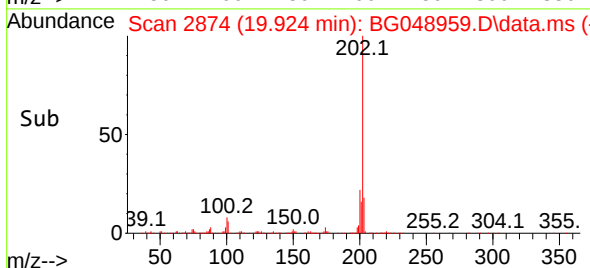
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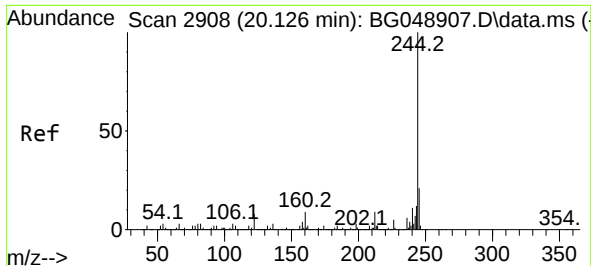


#78
Pyrene
Concen: 9.22 ng
RT: 19.924 min Scan# 2874
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36



Tgt Ion:202 Resp: 161674
Ion Ratio Lower Upper
202 100
200 21.8 15.8 23.8
203 18.4 14.6 21.8





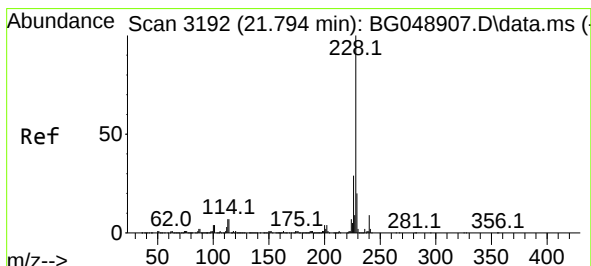
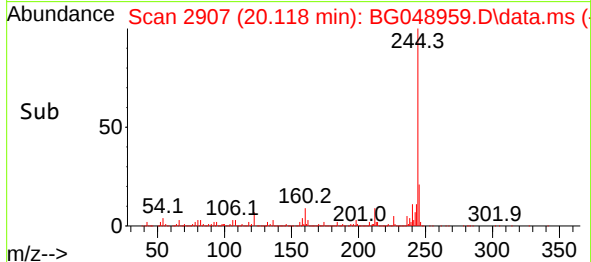
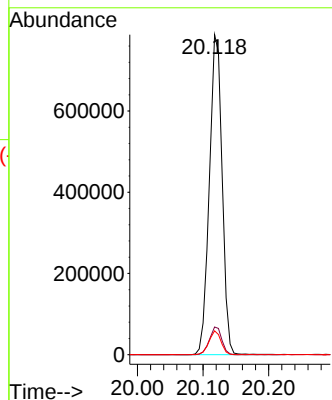
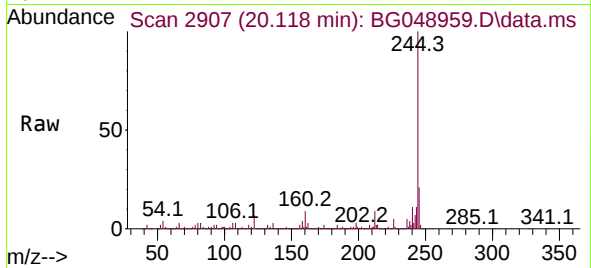
#79
Terphenyl-d14
Concen: 80.86 ng
RT: 20.118 min Scan# 2907
Delta R.T. -0.008 min
Lab File: BG048959.D
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Tgt Ion:244 Resp: 1066610
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.5 5.0 7.6

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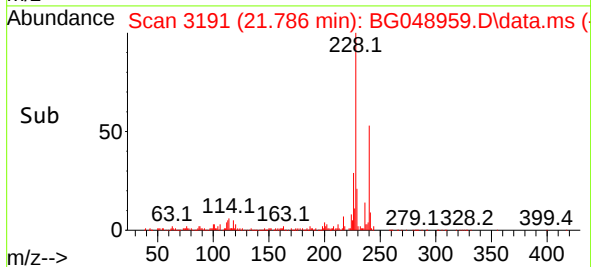
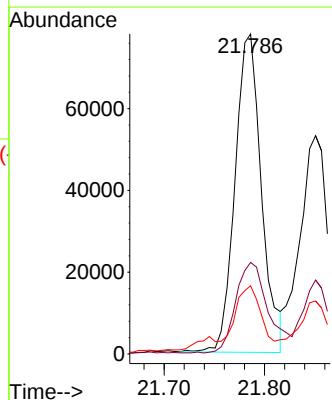
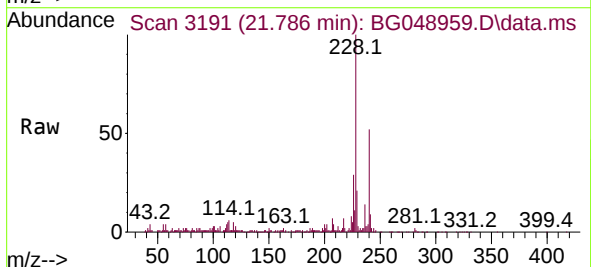
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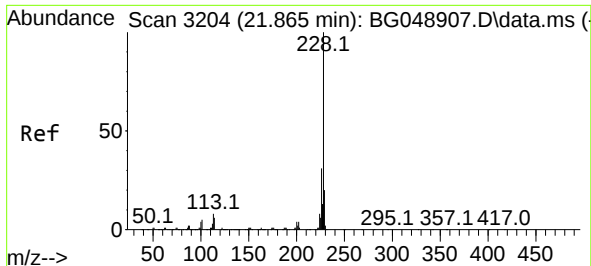
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#81
Benzo(a)anthracene
Concen: 8.22 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:228 Resp: 142609
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.3 16.0 24.0





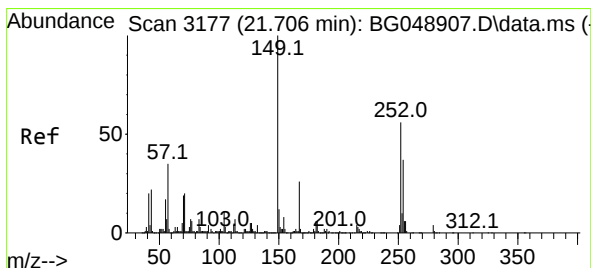
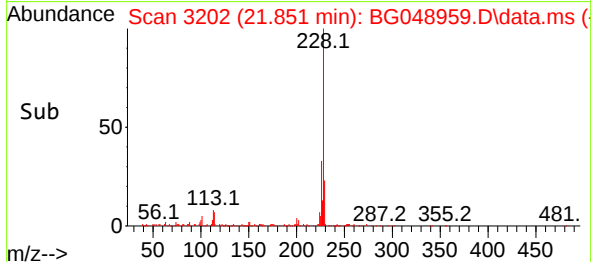
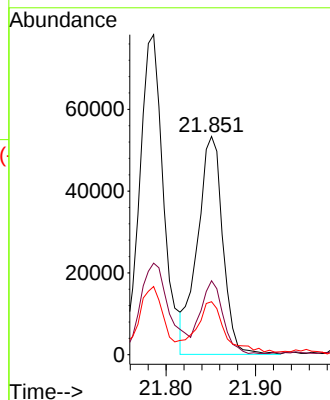
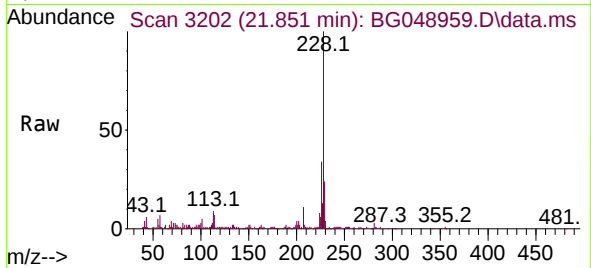
#83
Chrysene
Concen: 6.29 ng m
RT: 21.851 min Scan# 3202
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:228 Resp: 104680
Ion Ratio Lower Upper
228 100
226 33.9 23.1 34.7
229 24.2 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

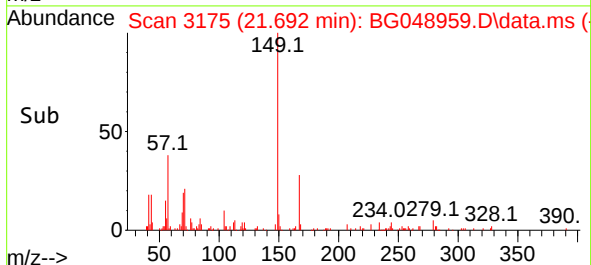
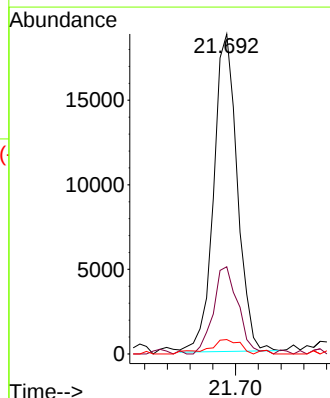
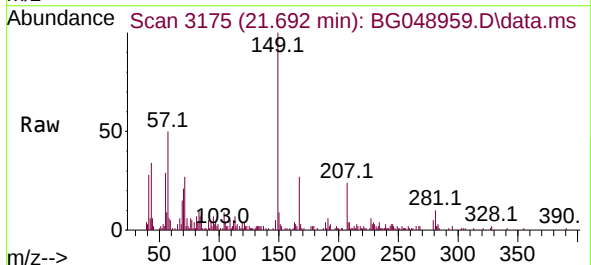
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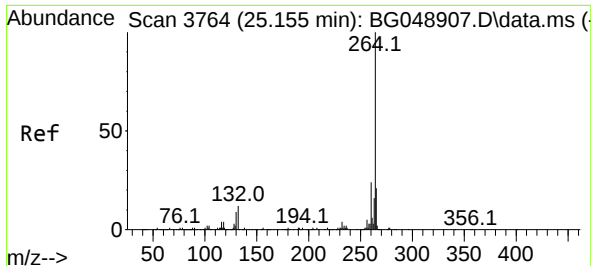
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.87 ng
RT: 21.692 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:149 Resp: 27089
Ion Ratio Lower Upper
149 100
167 27.3 22.3 33.5
279 4.5 3.8 5.8





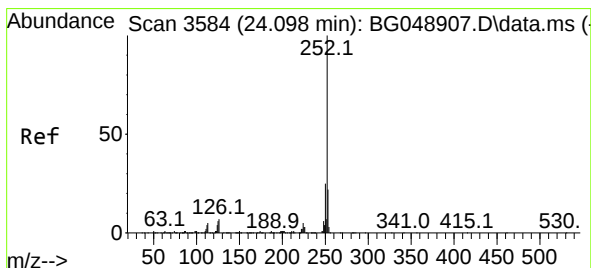
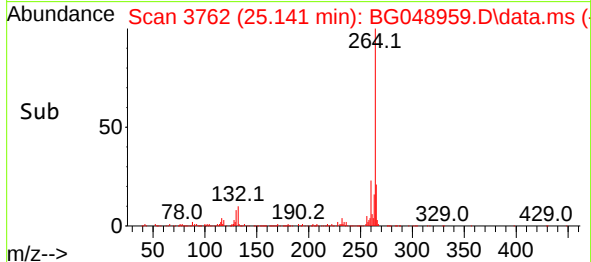
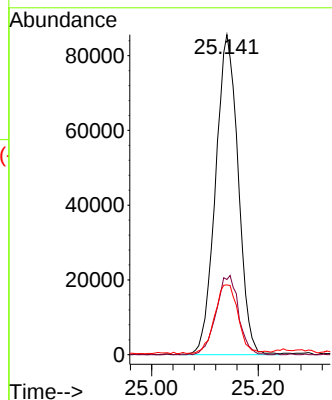
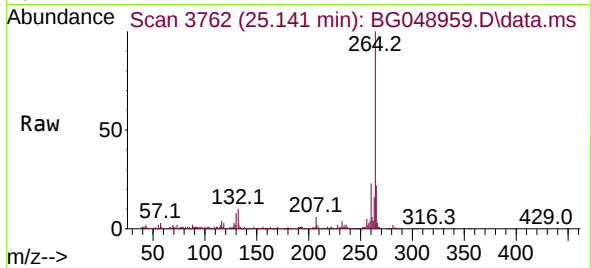
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:264 Resp: 252074
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.8 16.9 25.3

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

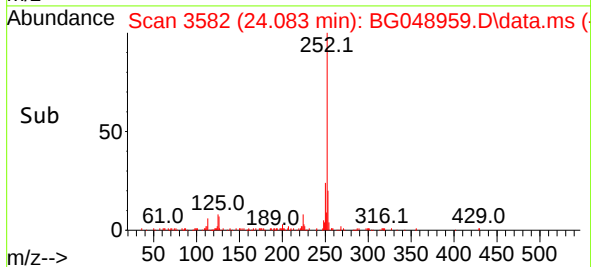
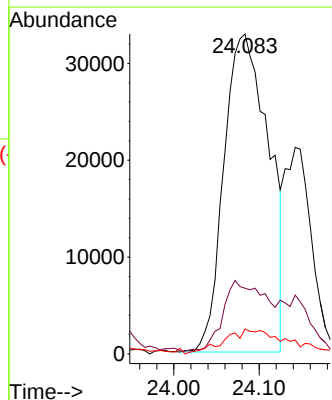
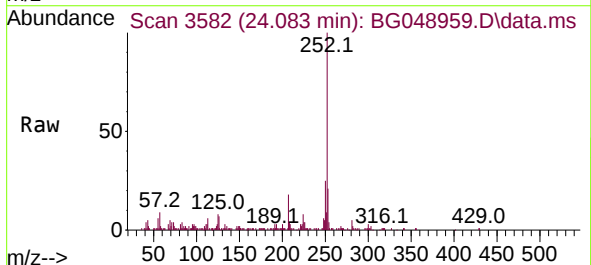
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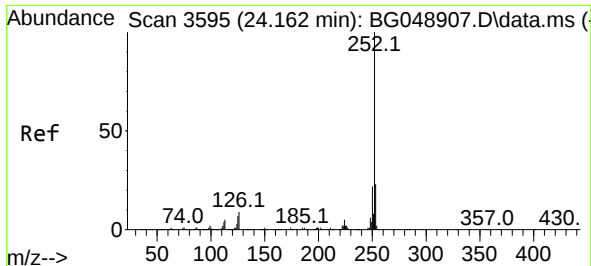
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#88
Benzo(b)fluoranthene
Concen: 6.66 ng
RT: 24.083 min Scan# 3582
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:252 Resp: 119651
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.4
125 7.8 3.0 4.4#





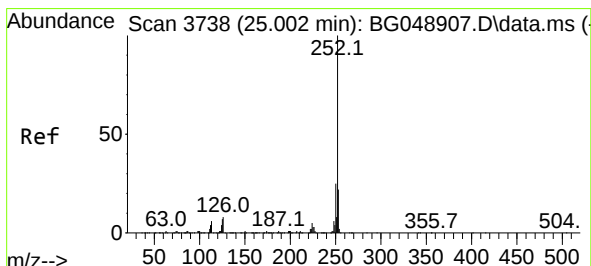
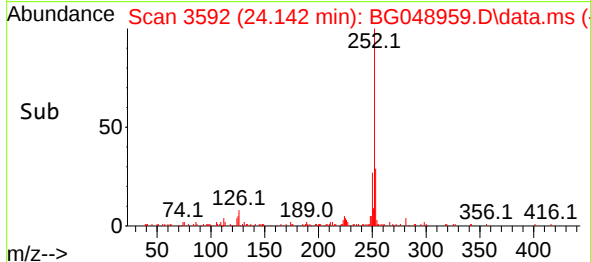
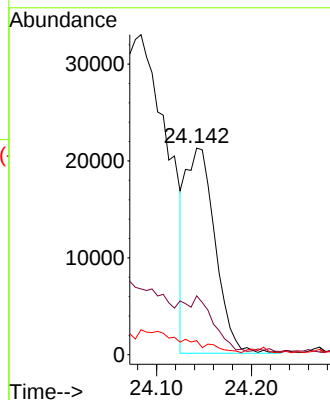
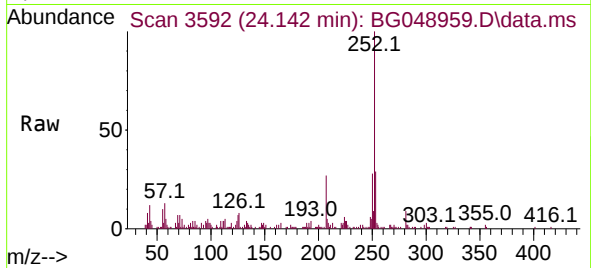
#89
Benzo(k)fluoranthene
Concen: 2.69 ng m
RT: 24.142 min Scan# 3592
Delta R.T. -0.020 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:252 Resp: 45834
Ion Ratio Lower Upper
252 100
253 28.5 18.0 27.0#
125 6.8 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

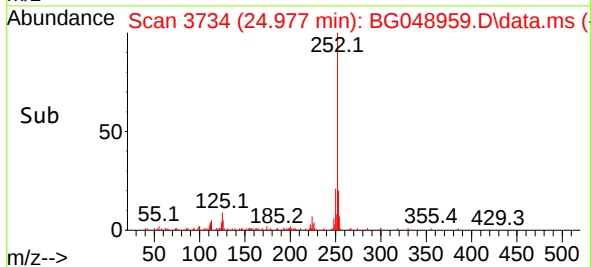
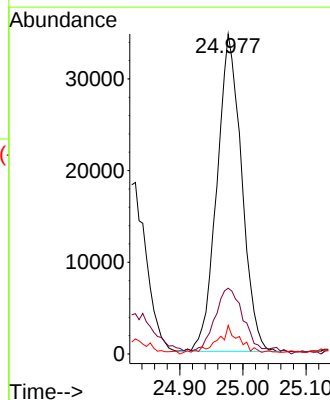
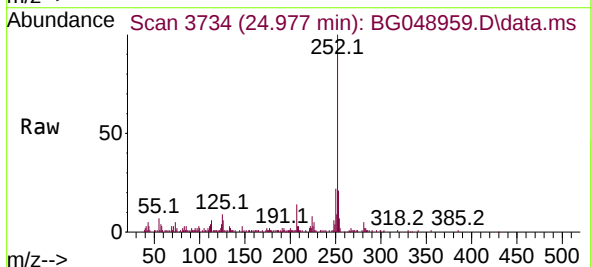
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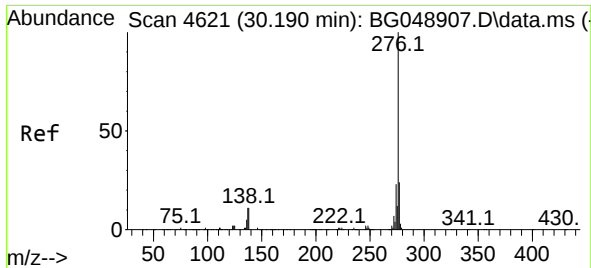
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#90
Benzo(a)pyrene
Concen: 5.74 ng
RT: 24.977 min Scan# 3734
Delta R.T. -0.026 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

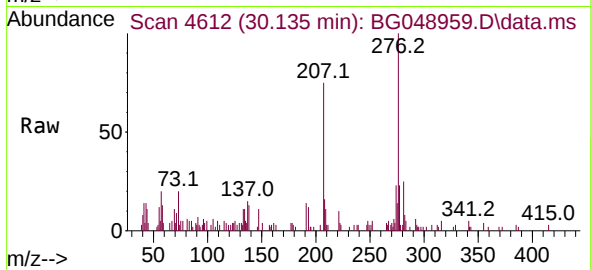
Tgt Ion:252 Resp: 94101
Ion Ratio Lower Upper
252 100
253 20.5 16.6 25.0
125 8.9 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.35 ng
RT: 30.135 min Scan# 4612
Delta R.T. -0.055 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)



Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	12.9	7.0	10.6

Manual Integrations
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