

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052437.D
 Acq On : 21 Feb 2022 14:53
 Operator : CG/JU
 Sample : N1572-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-021622

Quant Time: Feb 21 15:26:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

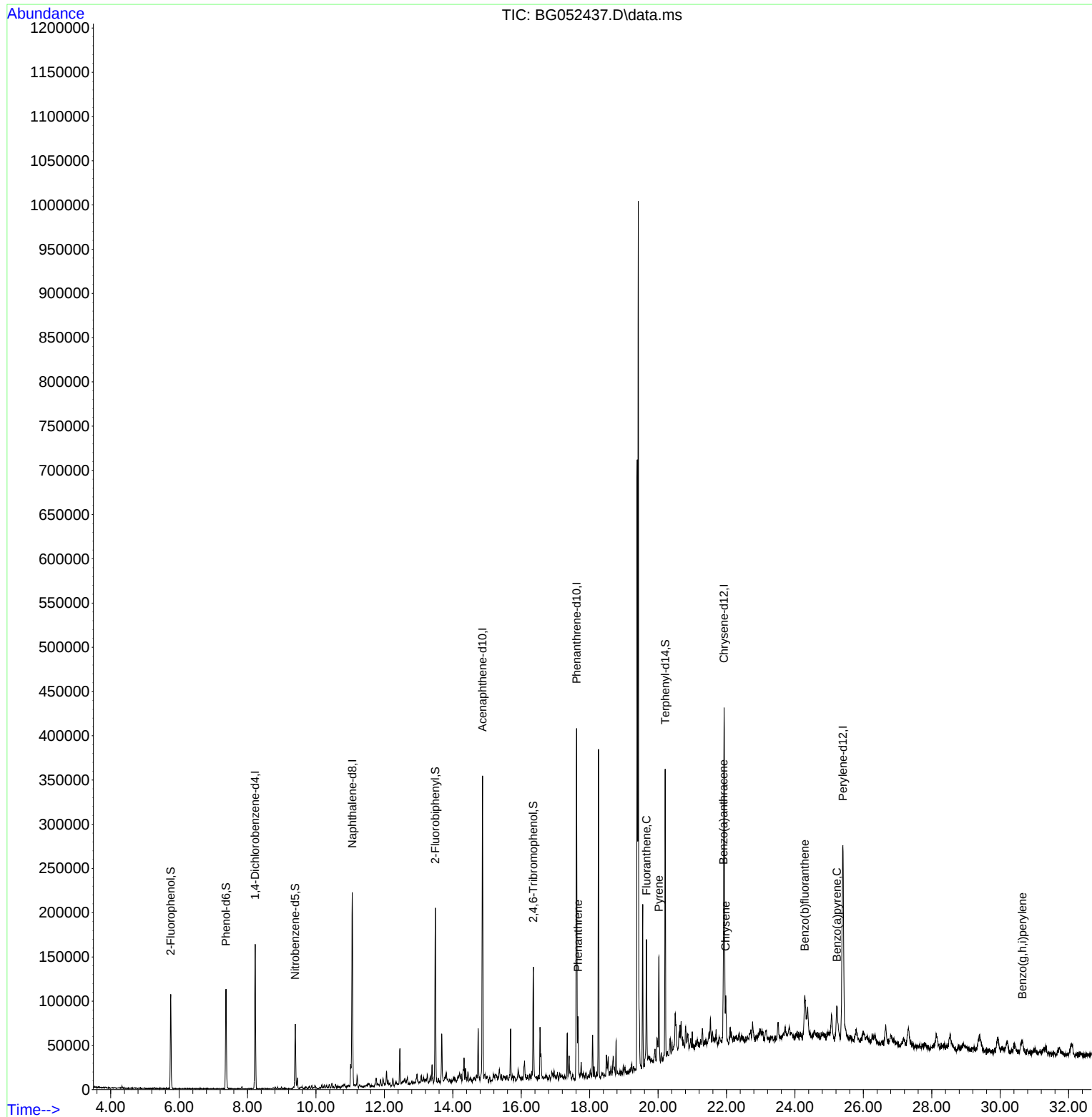
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	46314	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	188083	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	117673	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	248731	20.000	ng	0.00
76) Chrysene-d12	21.928	240	241584	20.000	ng	-0.01
86) Perylene-d12	25.400	264	249559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	47305	17.802	ng	0.00
7) Phenol-d6	7.366	99	68073	16.603	ng	0.00
23) Nitrobenzene-d5	9.392	82	47809	11.047	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	27192	16.085	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	105022	12.401	ng	0.00
79) Terphenyl-d14	20.207	244	154090	11.263	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.658	178	41803	3.260	ng	96
75) Fluoranthene	19.661	202	82946	5.080	ng	98
78) Pyrene	20.025	202	80777	4.997	ng	98
81) Benzo(a)anthracene	21.911	228	47260	2.956	ng	98
83) Chrysene	21.975	228	39428	2.603	ng	96
88) Benzo(b)fluoranthene	24.290	252	57823	3.718	ng	98
90) Benzo(a)pyrene	25.224	252	48283	3.675	ng	# 98
92) Benzo(g,h,i)perylene	30.646	276	30521	2.061	ng	97

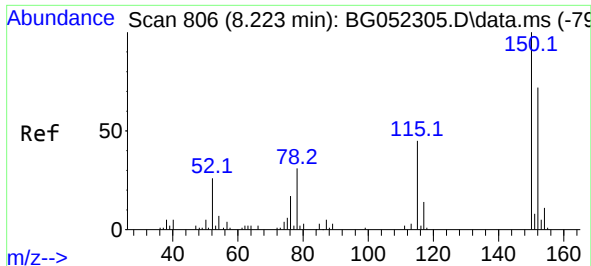
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 15:26:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

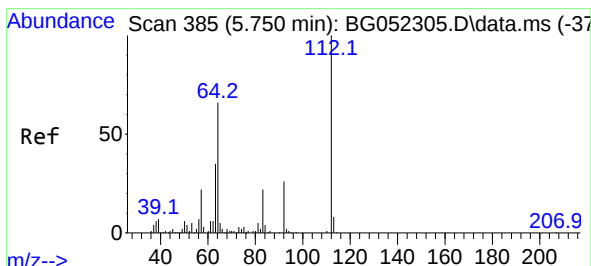
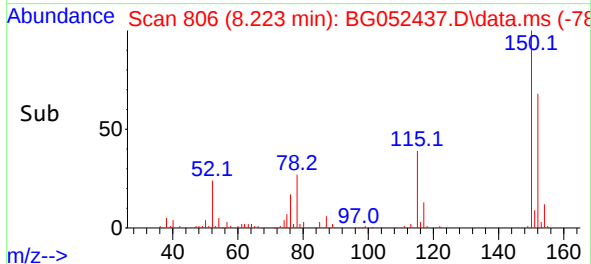
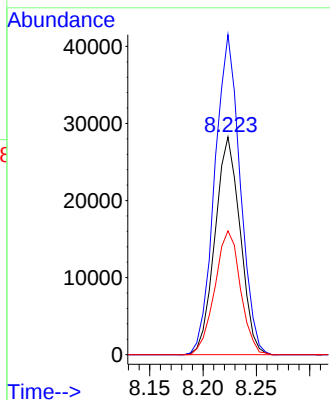
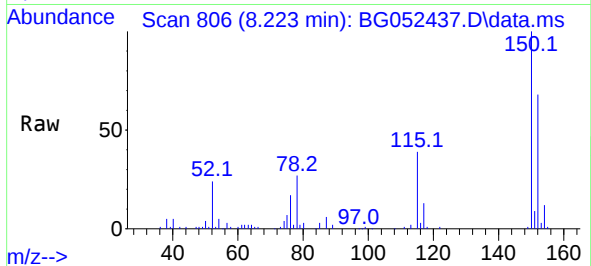




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

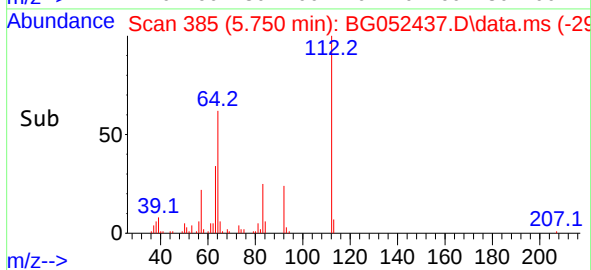
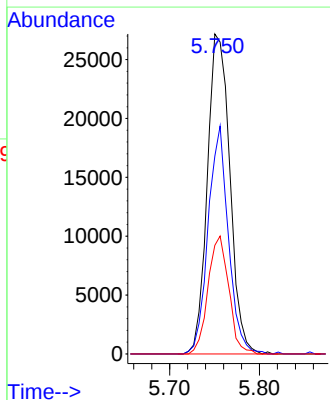
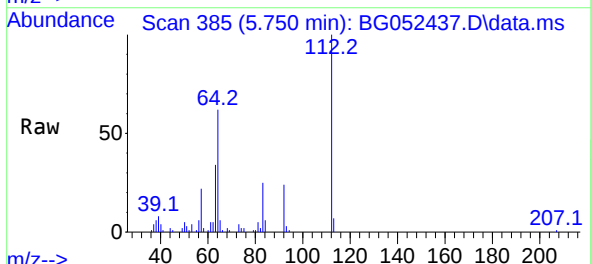
Instrument :
BNA_G
ClientSampleId :
PL-02-021622

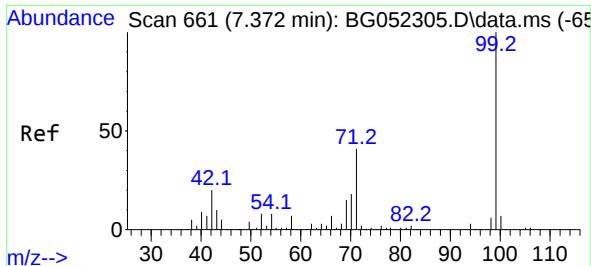
Tgt Ion:152 Resp: 46314
Ion Ratio Lower Upper
152 100
150 147.0 117.8 176.8
115 56.9 50.2 75.2



#5
2-Fluorophenol
Concen: 17.802 ng
RT: 5.750 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:112 Resp: 47305
Ion Ratio Lower Upper
112 100
64 61.8 60.4 90.6
63 33.9 33.3 49.9

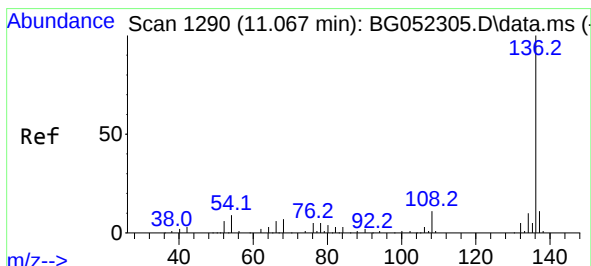
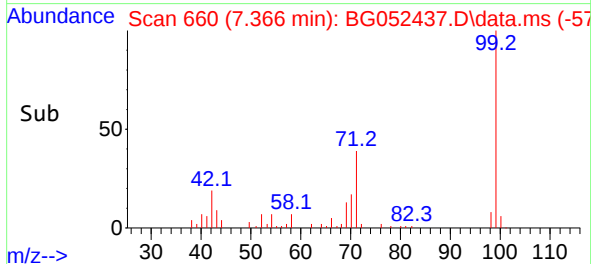
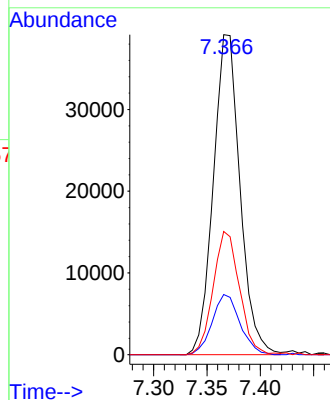
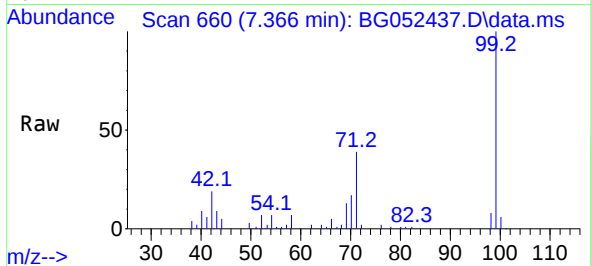




#7
Phenol-d6
Concen: 16.603 ng
RT: 7.366 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

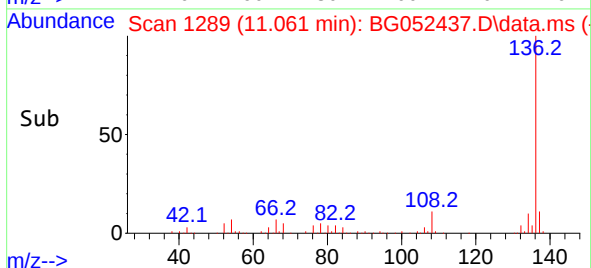
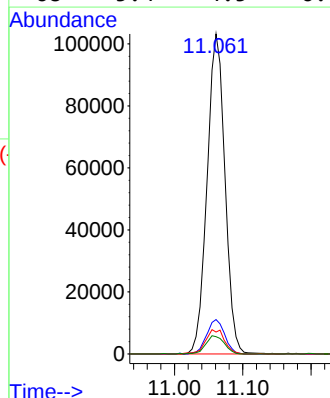
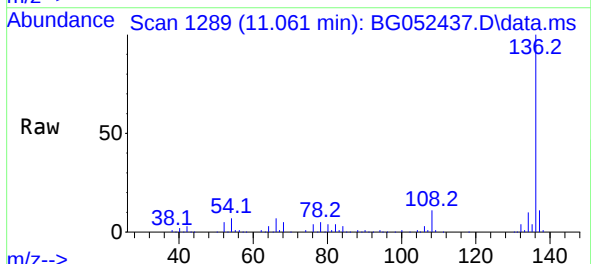
Instrument :
BNA_G
ClientSampleId :
PL-02-021622

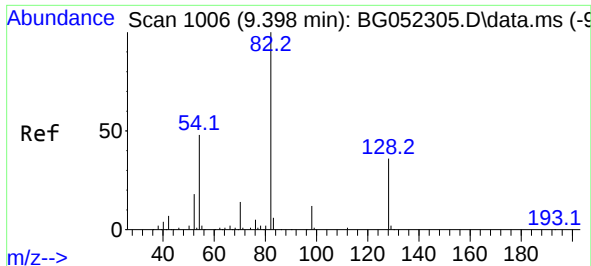
Tgt Ion: 99 Resp: 68073
Ion Ratio Lower Upper
99 100
42 18.8 19.1 28.7#
71 38.5 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:136 Resp: 188083
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.8 8.3 12.5#
68 5.4 4.5 6.7

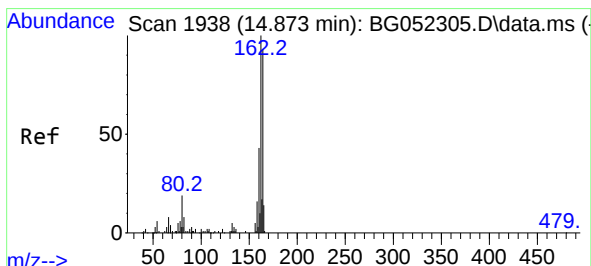
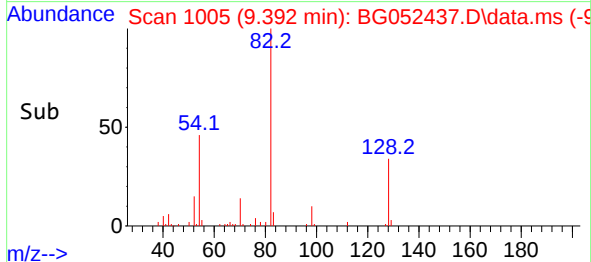
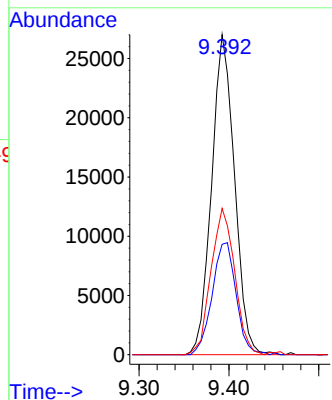
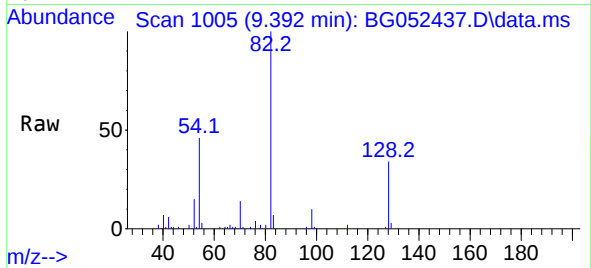




#23
Nitrobenzene-d5
Concen: 11.047 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

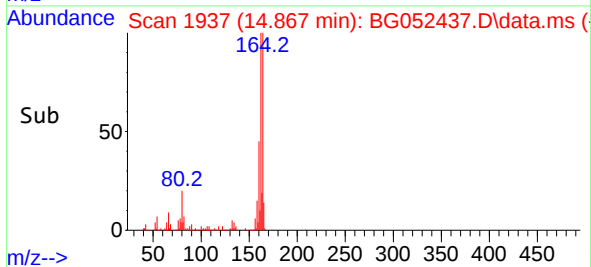
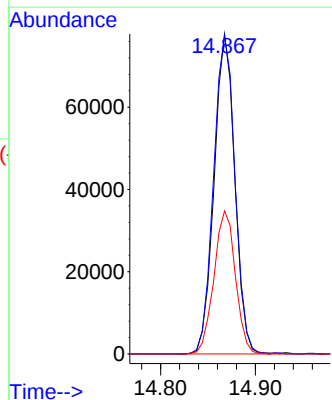
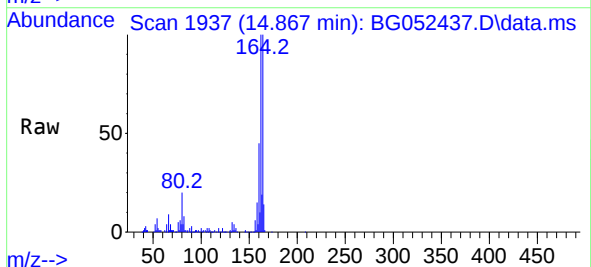
Instrument :
BNA_G
ClientSampleId :
PL-02-021622

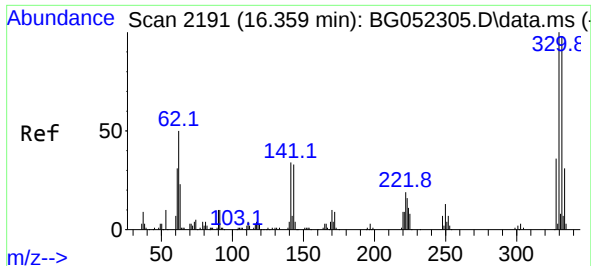
Tgt Ion: 82 Resp: 47809
Ion Ratio Lower Upper
82 100
128 34.5 27.0 40.4
54 45.7 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:164 Resp: 117673
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 44.7 36.2 54.2

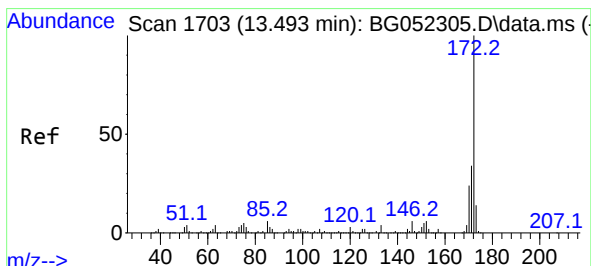
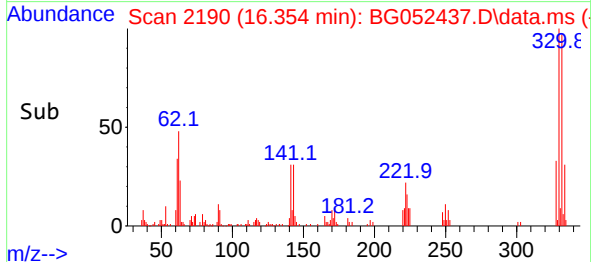
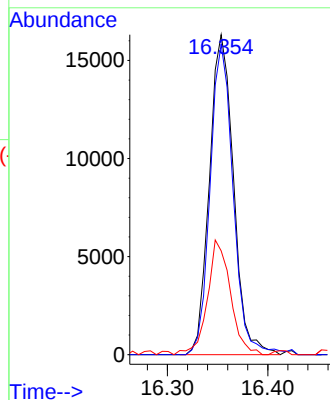
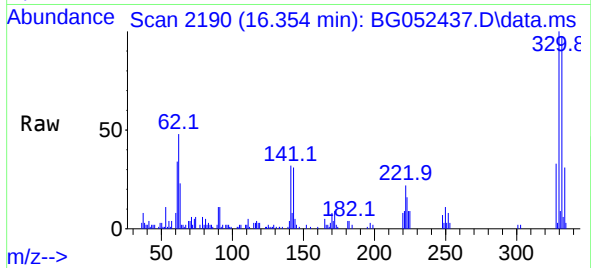




#42
2,4,6-Tribromophenol
Concen: 16.085 ng
RT: 16.354 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

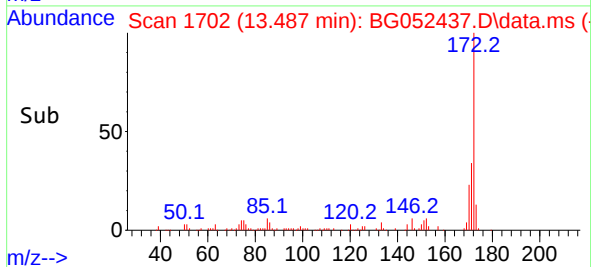
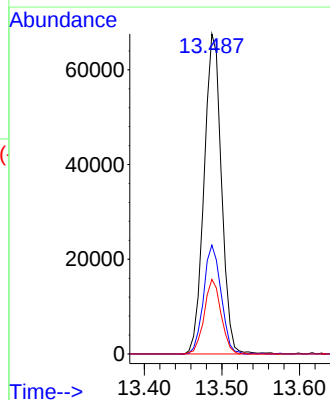
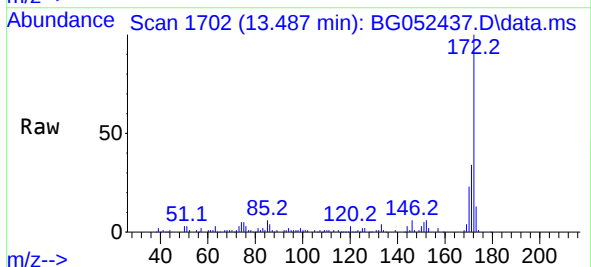
Instrument :
BNA_G
ClientSampleId :
PL-02-021622

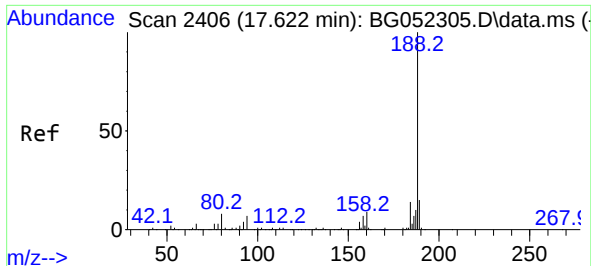
Tgt Ion:330 Resp: 27192
Ion Ratio Lower Upper
330 100
332 93.3 78.6 117.8
141 34.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 12.401 ng
RT: 13.487 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:172 Resp: 105022
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 23.3 18.3 27.5

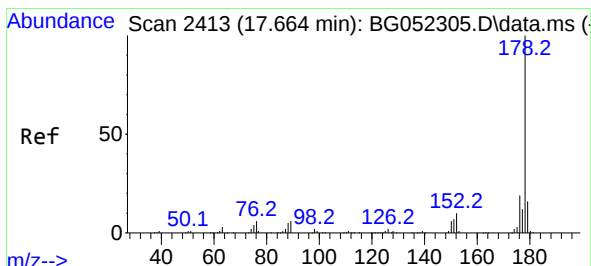
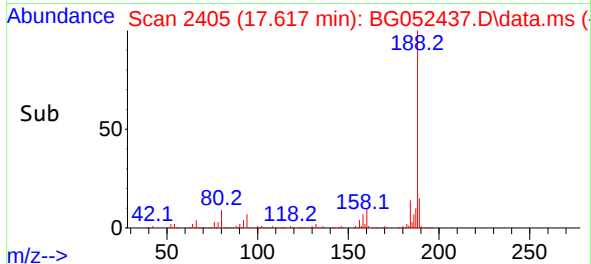
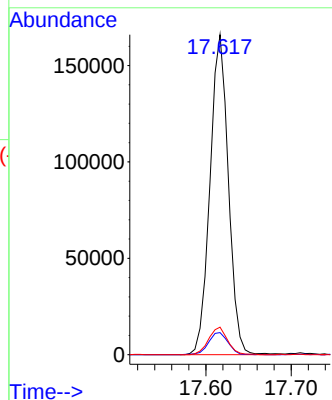
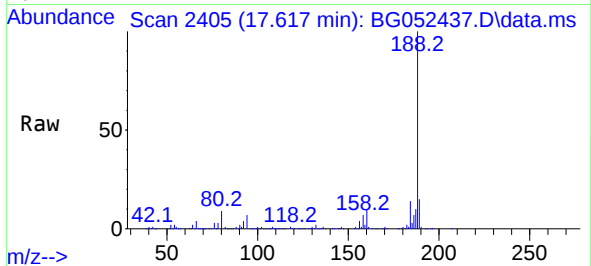




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.617 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

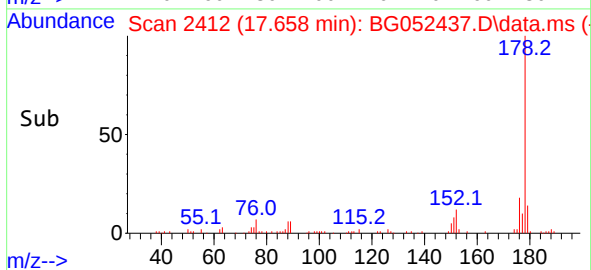
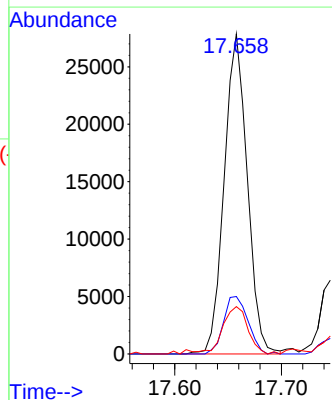
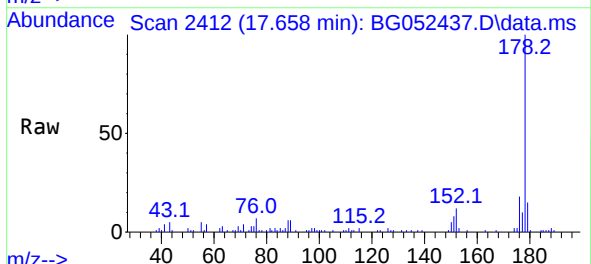
Instrument :
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ClientSampleId :
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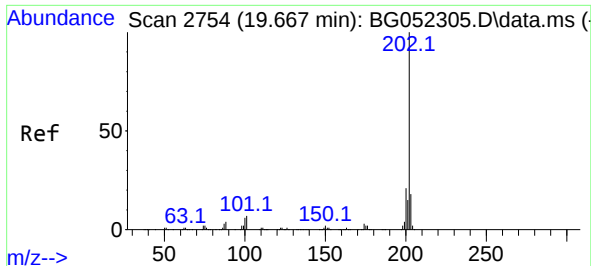
Tgt Ion:188 Resp: 248731
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.6 6.6 10.0



#71
Phenanthrene
Concen: 3.260 ng
RT: 17.658 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:178 Resp: 41803
Ion Ratio Lower Upper
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176 17.9 16.6 25.0
179 14.8 12.6 18.8

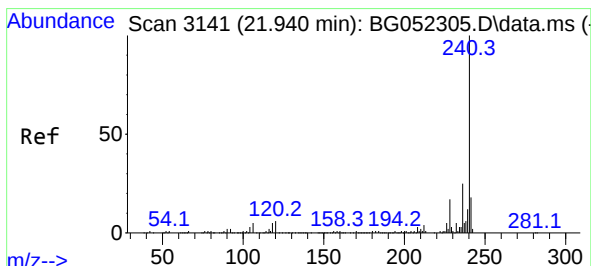
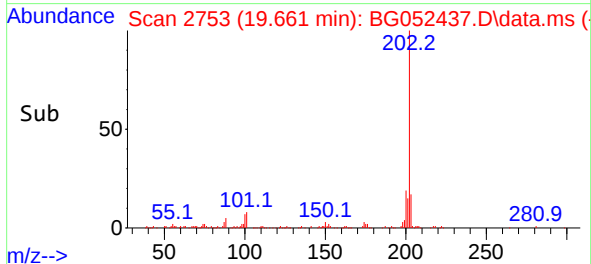
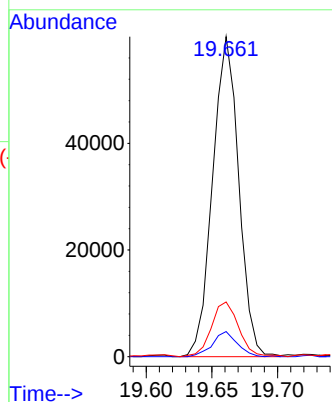
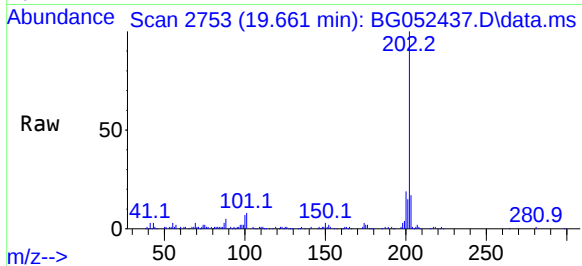




#75
Fluoranthene
Concen: 5.080 ng
RT: 19.661 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

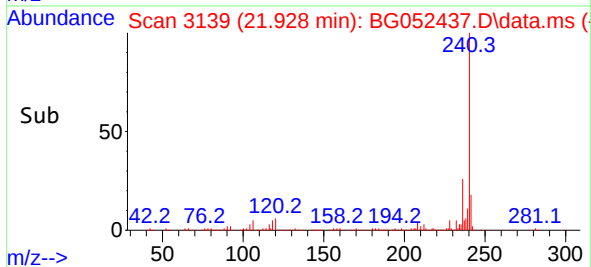
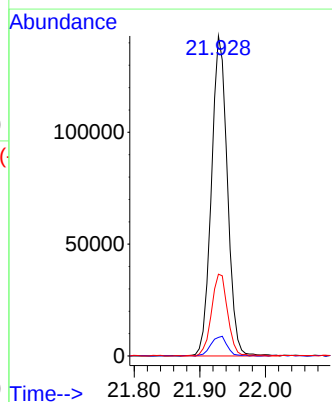
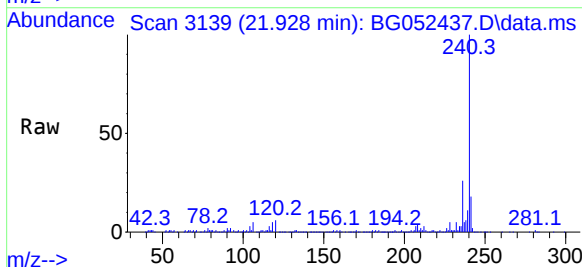
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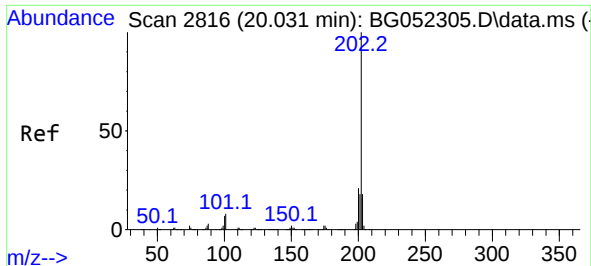
Tgt Ion:202 Resp: 82946
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.1
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:240 Resp: 241584
Ion Ratio Lower Upper
240 100
120 5.8 4.4 6.6
236 25.5 20.8 31.2

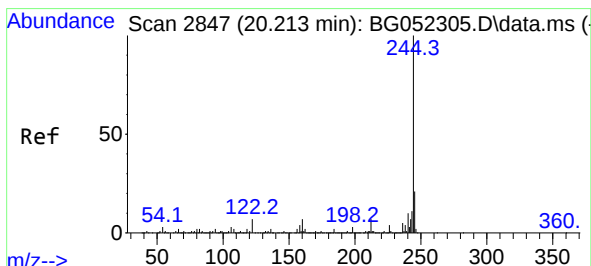
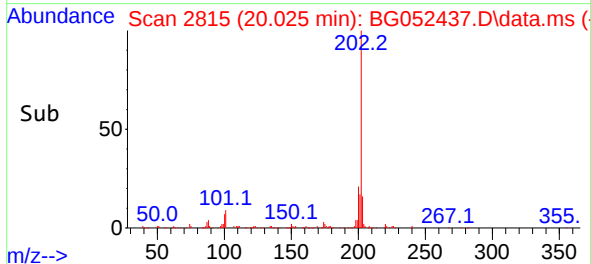
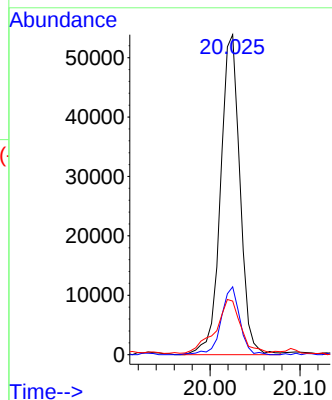
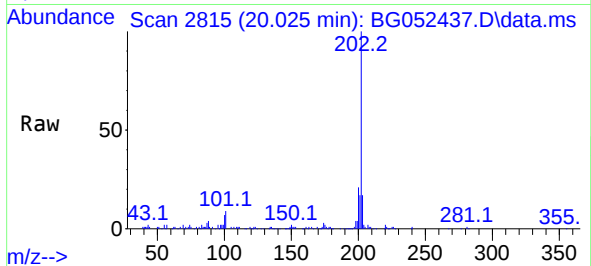




#78
 Pyrene
 Concen: 4.997 ng
 RT: 20.025 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BG052437.D
 Acq: 21 Feb 2022 14:53

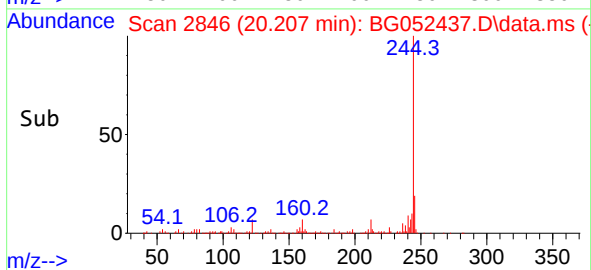
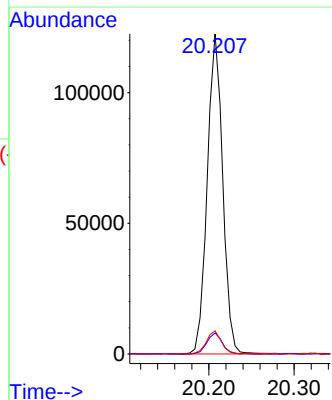
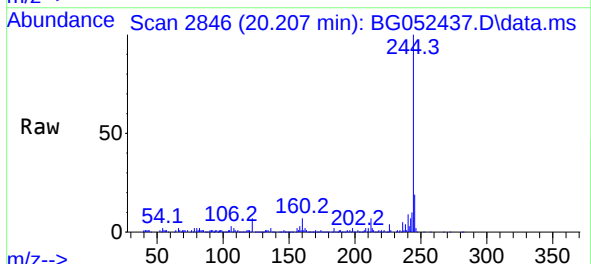
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-021622

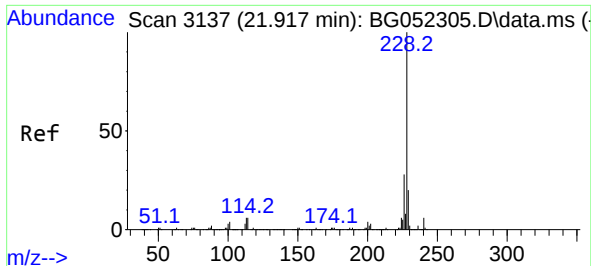
Tgt Ion:202 Resp: 80777
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 16.7 14.5 21.7



#79
 Terphenyl-d14
 Concen: 11.263 ng
 RT: 20.207 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BG052437.D
 Acq: 21 Feb 2022 14:53

Tgt Ion:244 Resp: 154090
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.2 6.2 9.4



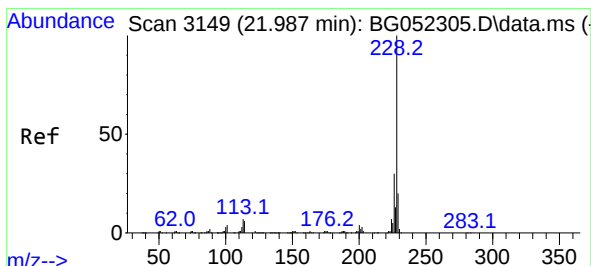
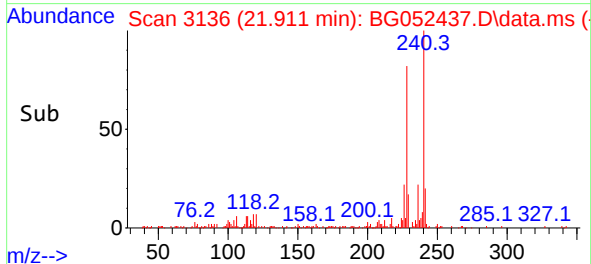
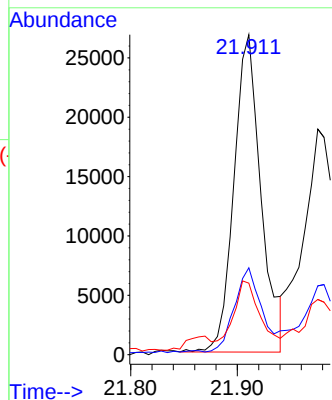
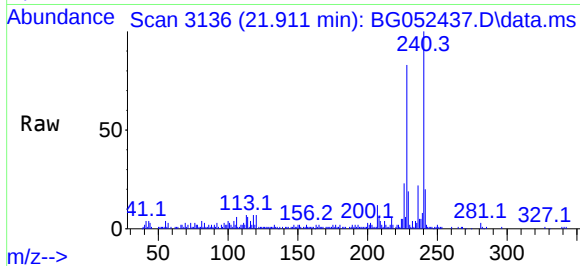


#81
Benzo(a)anthracene
Concen: 2.956 ng
RT: 21.911 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Instrument :
BNA_G
ClientSampleId :
PL-02-021622

Tgt Ion:228 Resp: 47260

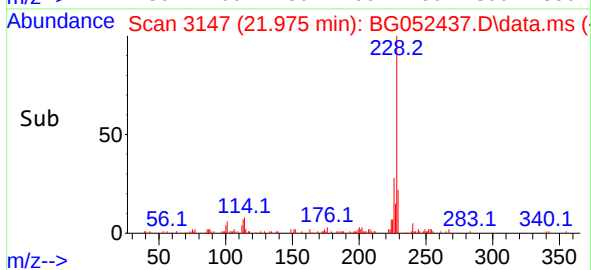
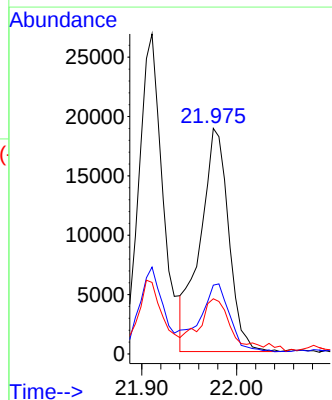
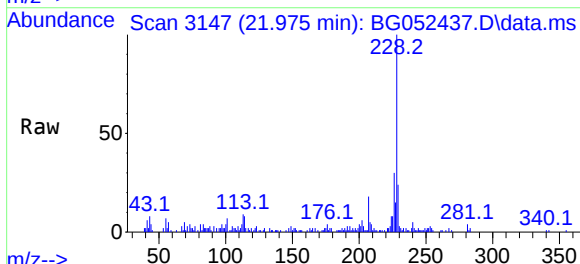
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	22.3	16.0	24.0

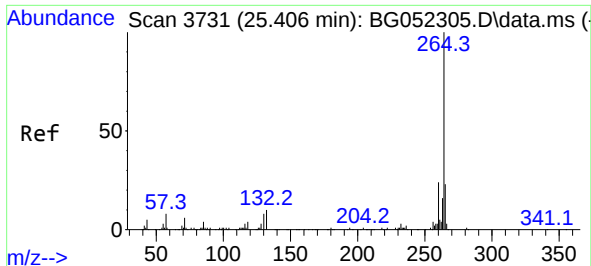


#83
Chrysene
Concen: 2.603 ng
RT: 21.975 min Scan# 3147
Delta R.T. -0.012 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:228 Resp: 39428

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	24.4	16.4	24.6

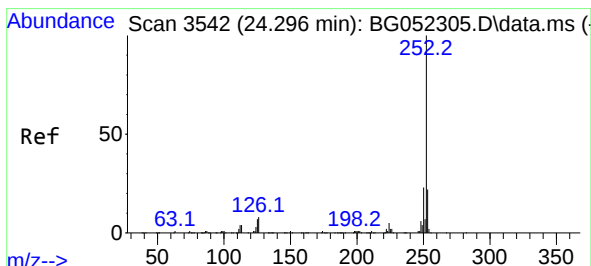
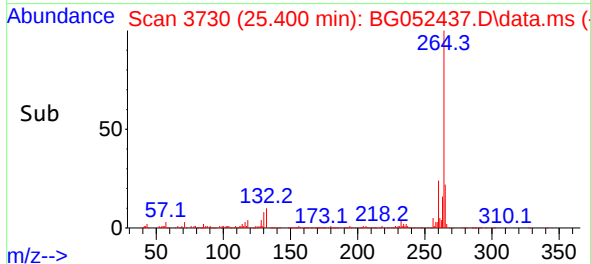
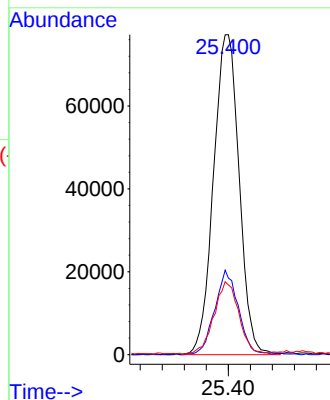
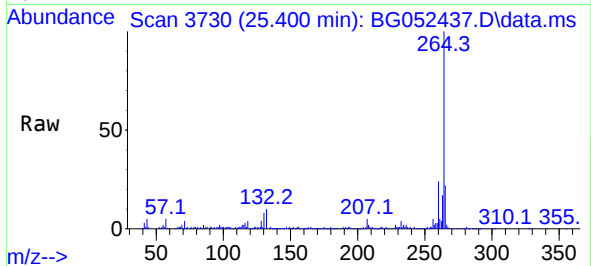




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

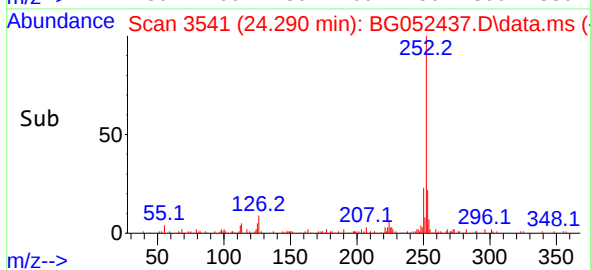
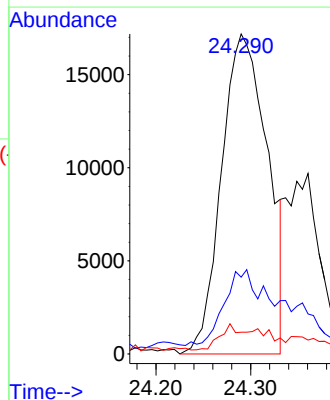
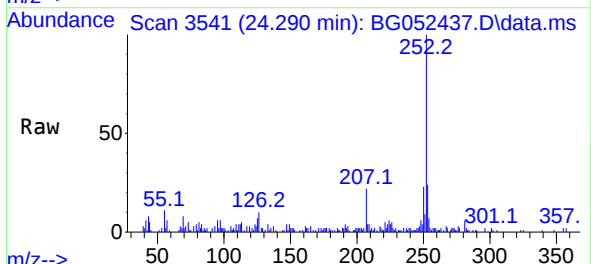
Instrument :
BNA_G
ClientSampleId :
PL-02-021622

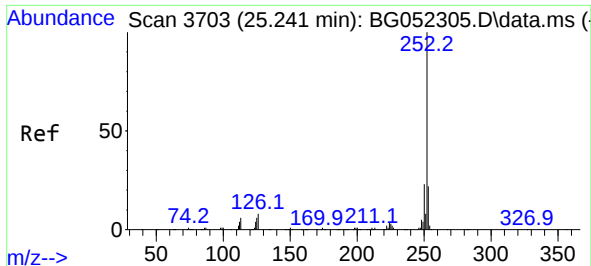
Tgt Ion:264 Resp: 249559
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 21.8 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 3.718 ng
RT: 24.290 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:252 Resp: 57823
Ion Ratio Lower Upper
252 100
253 24.0 18.3 27.5
125 6.8 5.4 8.2

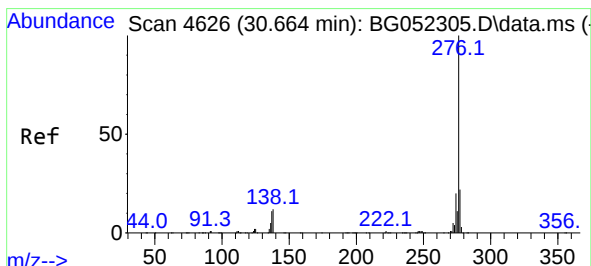
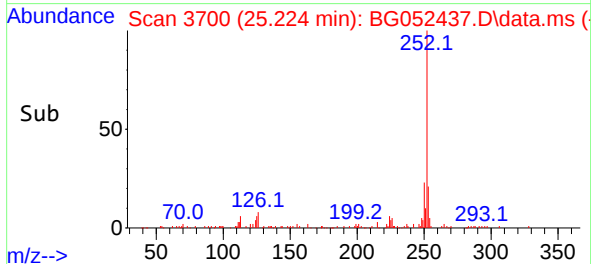
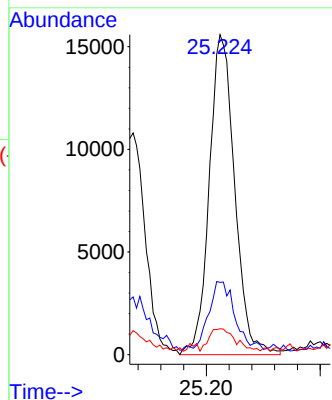
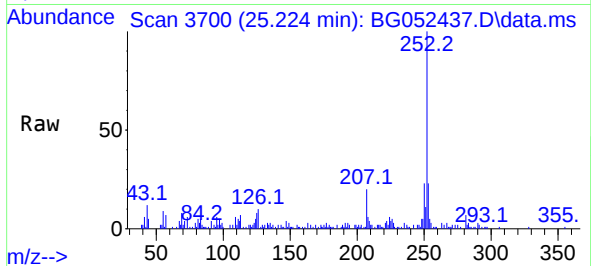




#90
Benzo(a)pyrene
Concen: 3.675 ng
RT: 25.224 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Instrument :
BNA_G
ClientSampleId :
PL-02-021622

Tgt Ion:252 Resp: 48283
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 8.1 5.0 7.6#



#92
Benzo(g,h,i)perylene
Concen: 2.061 ng
RT: 30.646 min Scan# 4623
Delta R.T. -0.018 min
Lab File: BG052437.D
Acq: 21 Feb 2022 14:53

Tgt Ion:276 Resp: 30521
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.2
138 9.9 9.1 13.7

