

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048351.D
 Acq On : 5 Mar 2021 23:50
 Operator : CG/JU
 Sample : M1553-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 347

Quant Time: Mar 06 01:03:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

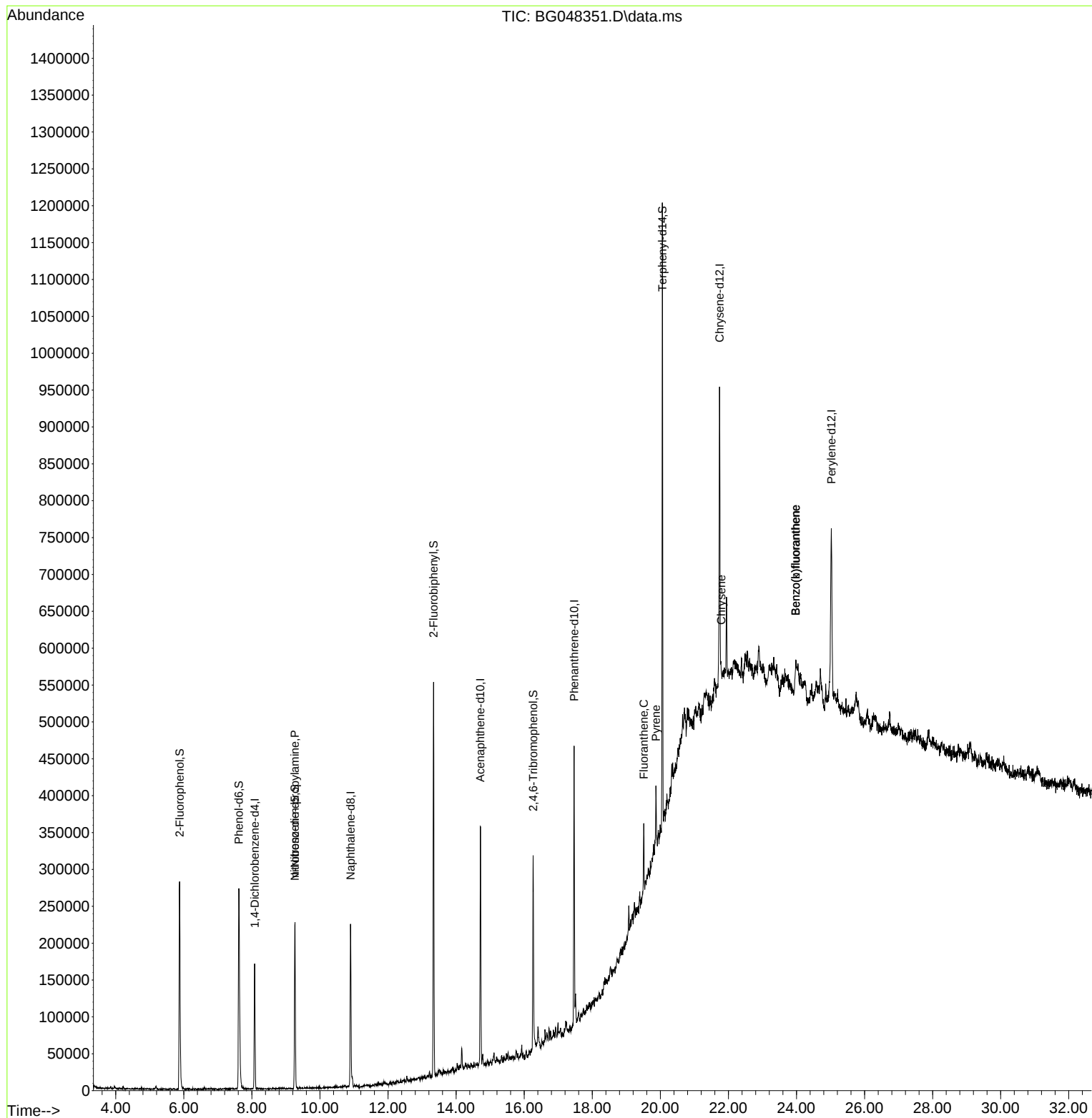
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	42815	20.00	ng	0.01
21) Naphthalene-d8	10.900	136	171172	20.00	ng	0.01
39) Acenaphthene-d10	14.713	164	110220	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	226023	20.00	ng	# 0.01
76) Chrysene-d12	21.740	240	241004	20.00	ng	# 0.01
86) Perylene-d12	25.024	264	246458	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	130418	51.85	ng	0.22
7) Phenol-d6	7.615	99	186217	48.73	ng	0.33
23) Nitrobenzene-d5	9.260	82	135994	33.61	ng	0.01
42) 2,4,6-Tribromophenol	16.264	330	56504	32.05	ng	0.06
45) 2-Fluorobiphenyl	13.338	172	268167	34.11	ng	0.01
79) Terphenyl-d14	20.060	244	351847	26.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	20900	7.09	ng	# 84
75) Fluoranthene	19.513	202	57426	3.59	ng	92
78) Pyrene	19.872	202	52307	3.11	ng	96
83) Chrysene	21.787	228	34844	2.17	ng	# 6
88) Benzo(b)fluoranthene	23.978	252	36156	2.12	ng	# 70
89) Benzo(k)fluoranthene	23.978	252	36156	2.22	ng	# 70

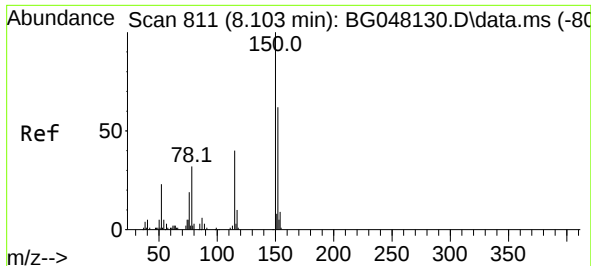
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

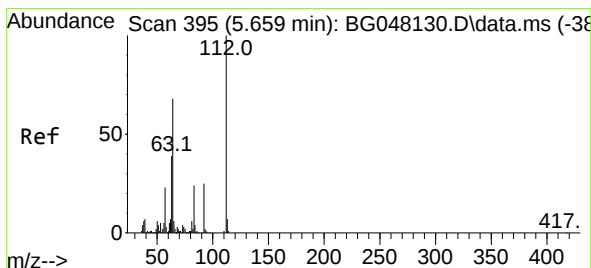
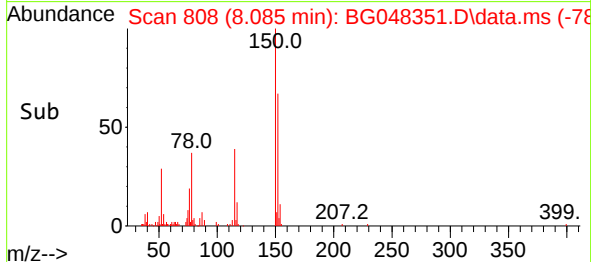
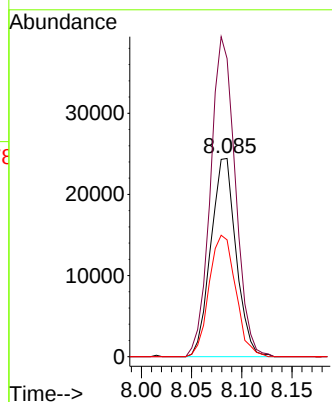
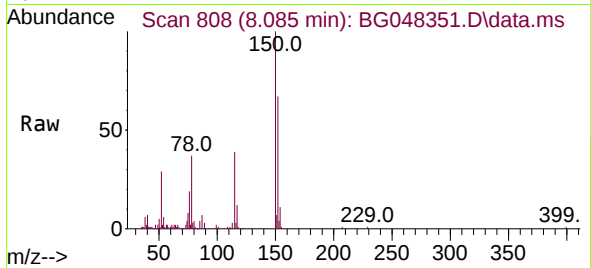




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

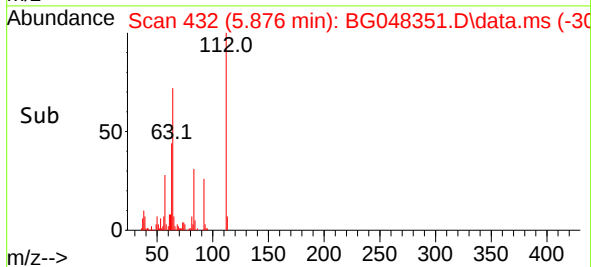
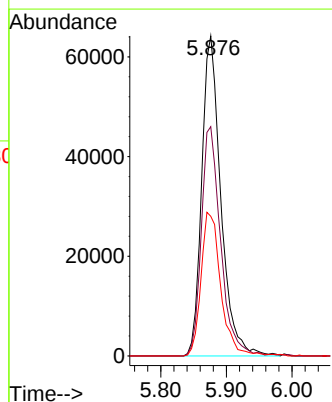
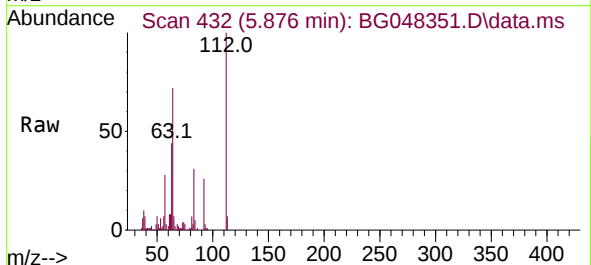
Instrument :
BNA_G
ClientSampleId :
347

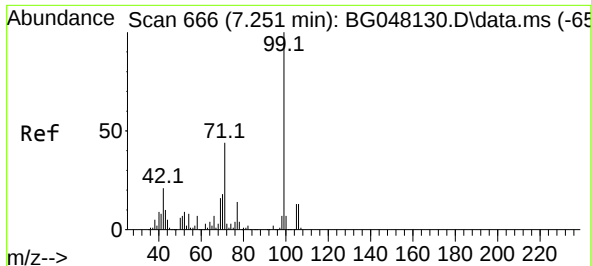
Tgt Ion:152 Resp: 42815
Ion Ratio Lower Upper
152 100
150 150.3 125.0 187.6
115 58.9 41.8 62.6



#5
2-Fluorophenol
Concen: 51.85 ng
RT: 5.876 min Scan# 432
Delta R.T. 0.223 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:112 Resp: 130418
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 43.7 22.8 34.2#

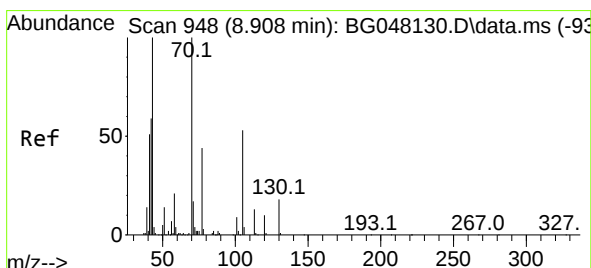
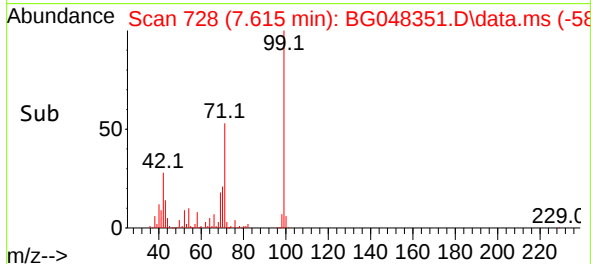
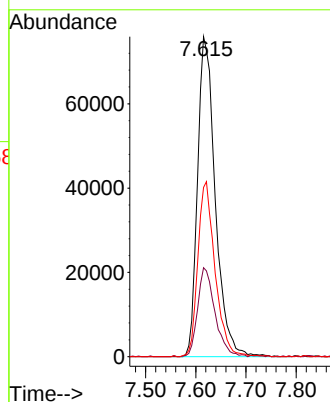
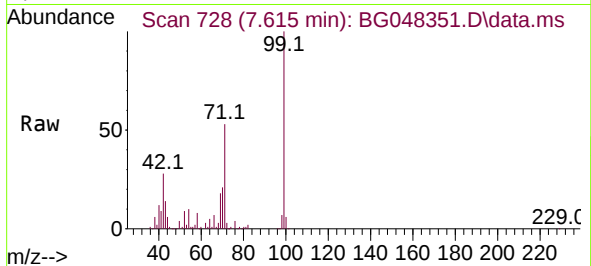




#7
Phenol-d6
Concen: 48.73 ng
RT: 7.615 min Scan# 728
Delta R.T. 0.329 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

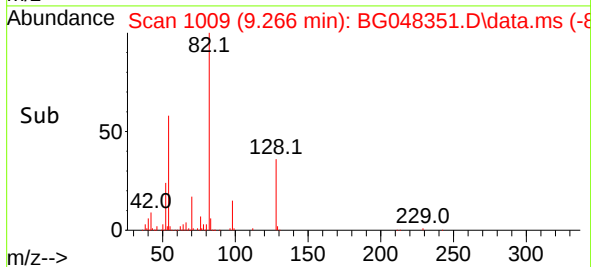
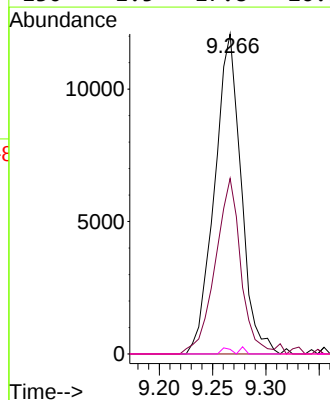
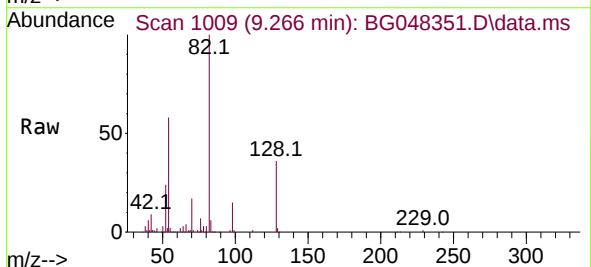
Instrument :
BNA_G
ClientSampleId :
347

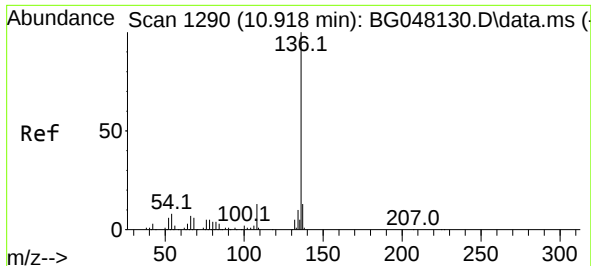
Tgt Ion: 99 Resp: 186217
Ion Ratio Lower Upper
99 100
42 27.8 12.8 19.2#
71 52.9 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 7.09 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.387 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion: 70 Resp: 20900
Ion Ratio Lower Upper
70 100
42 54.8 45.6 68.4
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#

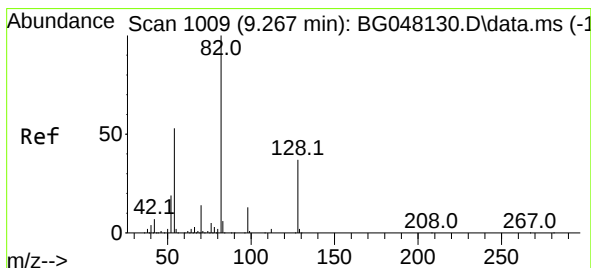
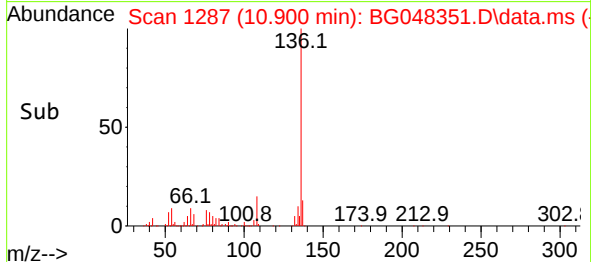
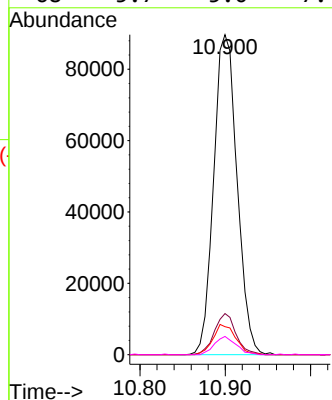
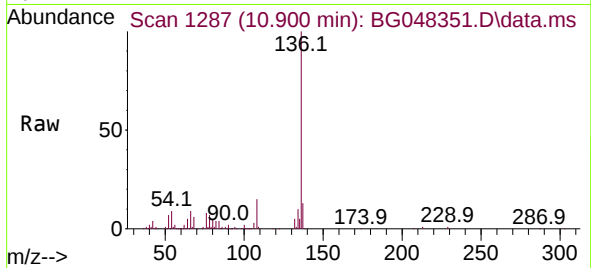




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.900 min Scan# 1287
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

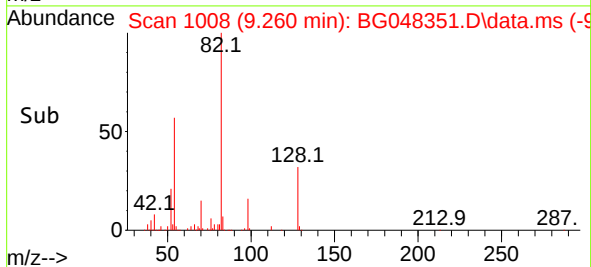
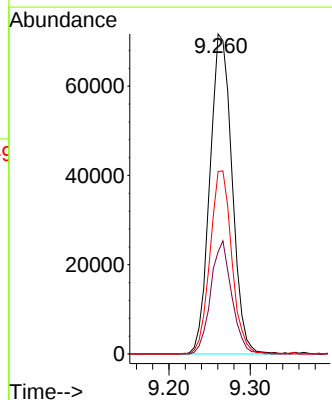
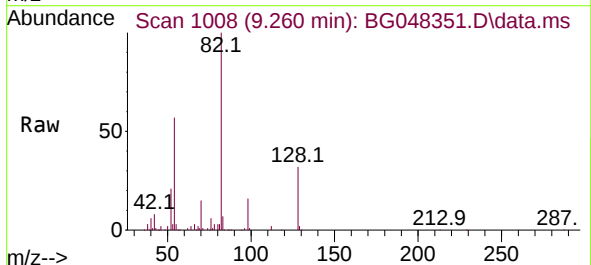
Instrument :
BNA_G
ClientSampleId :
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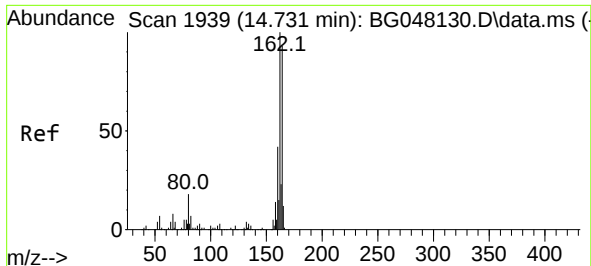
Tgt Ion:136 Resp: 171172
Ion Ratio Lower Upper
136 100
137 12.9 9.1 13.7
54 8.8 6.2 9.4
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 33.61 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion: 82 Resp: 135994
Ion Ratio Lower Upper
82 100
128 31.9 37.0 55.6#
54 57.0 39.0 58.4

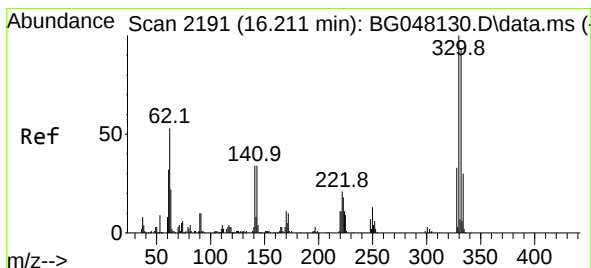
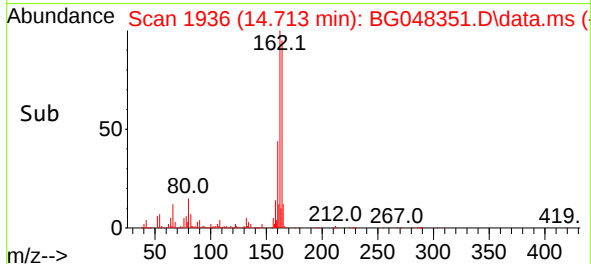
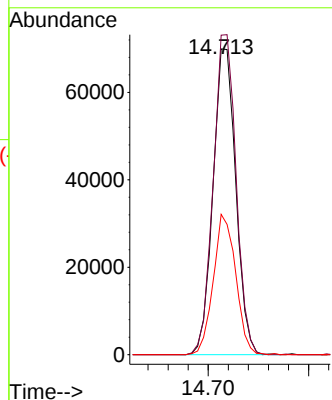
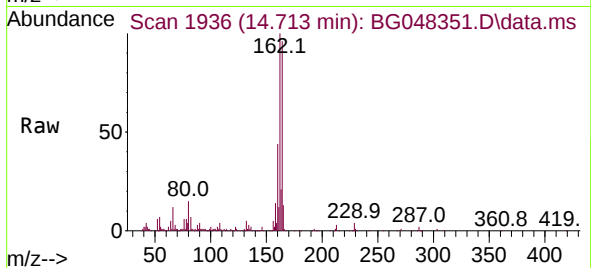




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.713 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

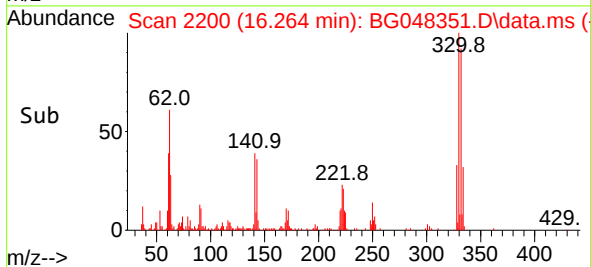
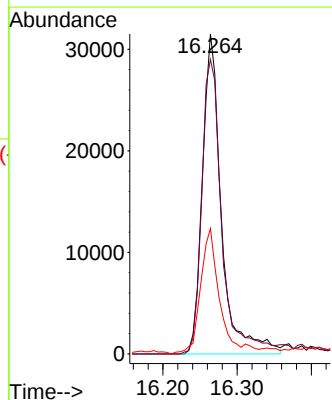
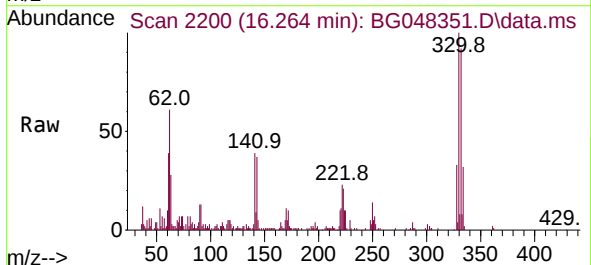
Instrument :
BNA_G
ClientSampleId :
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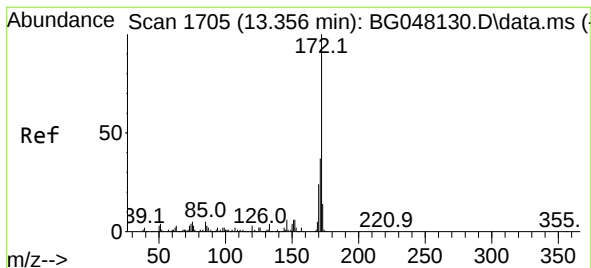
Tgt Ion:164 Resp: 110220
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 45.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 32.05 ng
RT: 16.264 min Scan# 2200
Delta R.T. 0.058 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:330 Resp: 56504
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 37.4 26.0 39.0

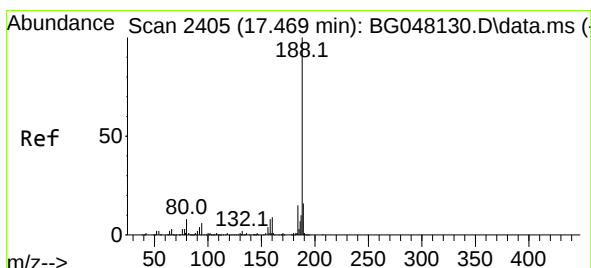
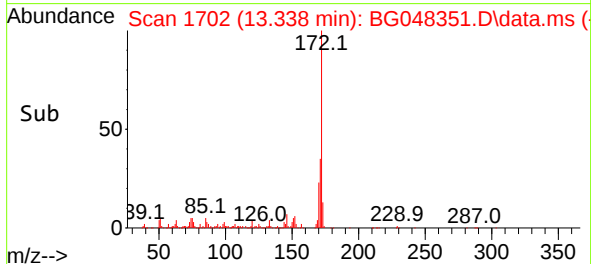
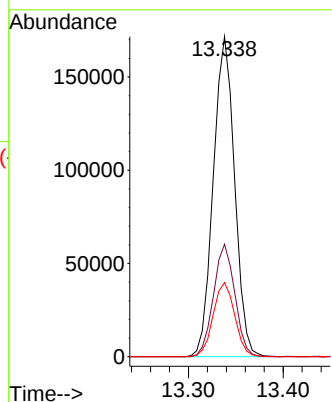
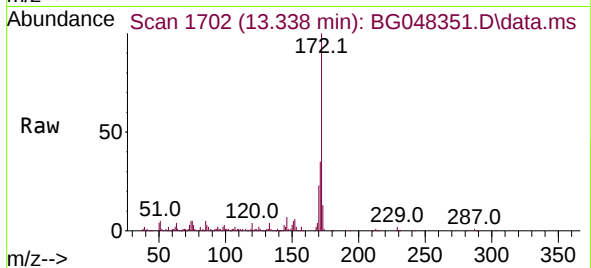




#45
2-Fluorobiphenyl
Concen: 34.11 ng
RT: 13.338 min Scan# 1702
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

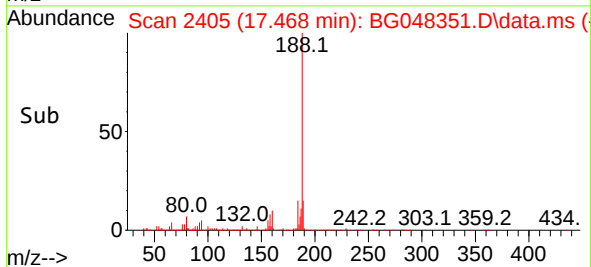
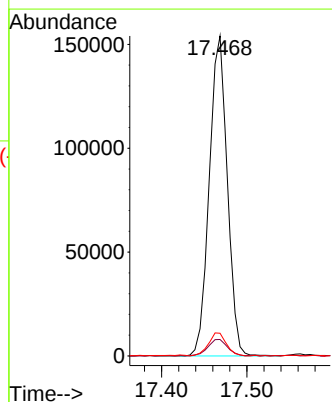
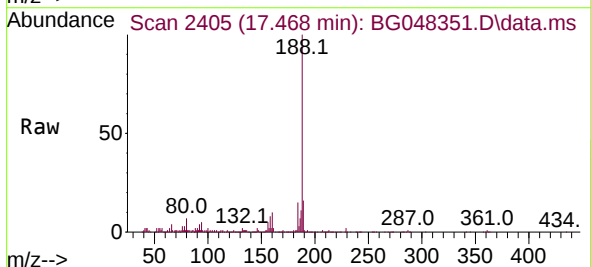
Instrument :
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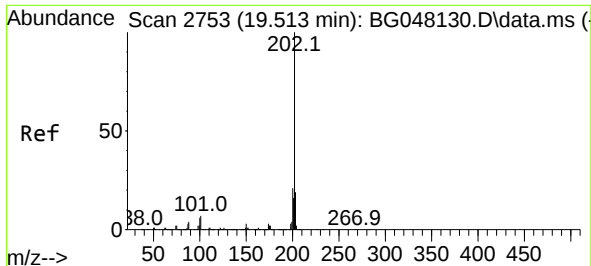
Tgt Ion:172 Resp: 268167
Ion Ratio Lower Upper
172 100
171 35.2 31.3 46.9
170 23.2 20.8 31.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:188 Resp: 226023
Ion Ratio Lower Upper
188 100
94 5.1 6.3 9.5#
80 7.1 7.0 10.6

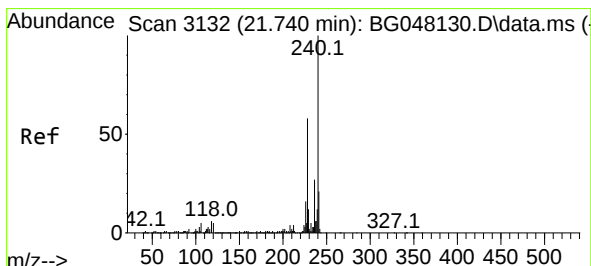
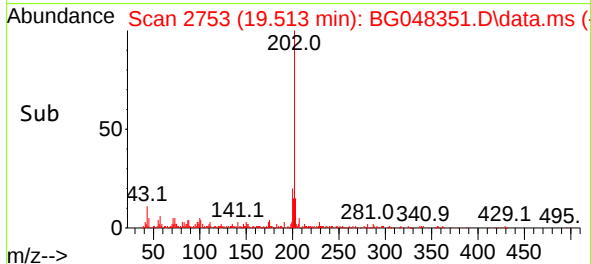
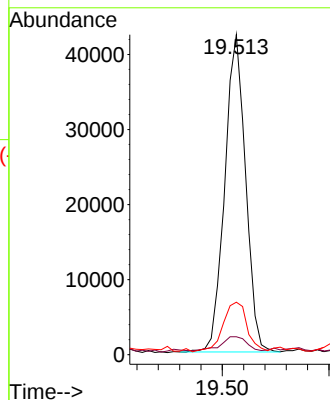
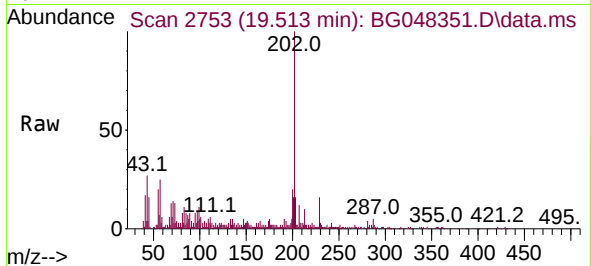




#75
Fluoranthene
Concen: 3.59 ng
RT: 19.513 min Scan# 2753
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

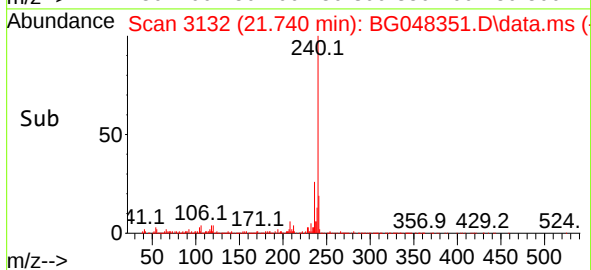
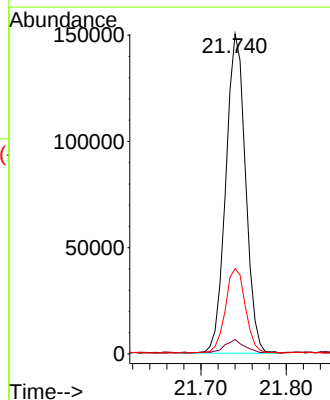
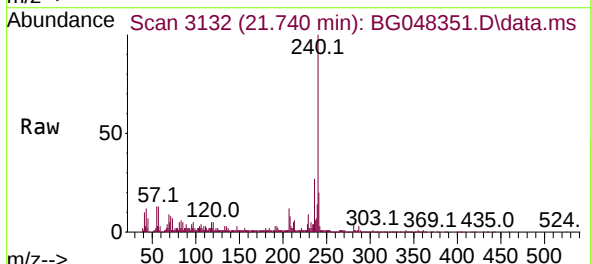
Instrument :
BNA_G
ClientSampled :
347

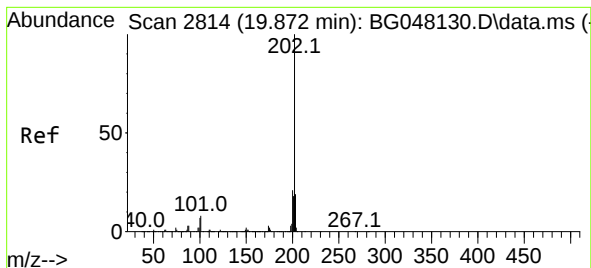
Tgt Ion:	202	Resp:	57426
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	29.7
203	16.4	0.0	39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:	240	Resp:	241004
Ion Ratio	Lower	Upper	
240	100		
120	4.5	6.2	9.4#
236	26.7	20.5	30.7





#78

Pyrene

Concen: 3.11 ng

RT: 19.872 min Scan# 2814

Delta R.T. 0.011 min

Lab File: BG048351.D

Acq: 5 Mar 2021 23:50

Tgt Ion:202 Resp: 52307

Ion Ratio Lower Upper

202 100

200 20.7 18.6 27.8

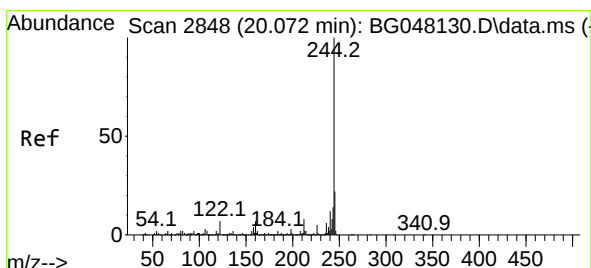
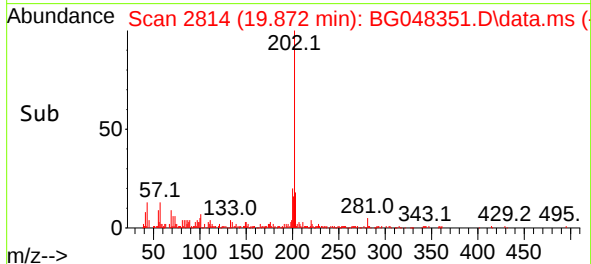
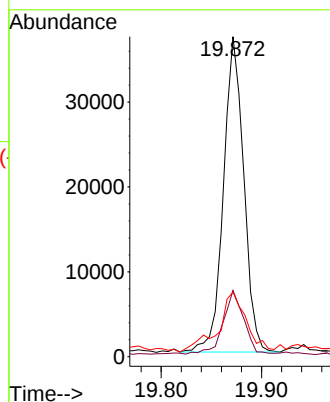
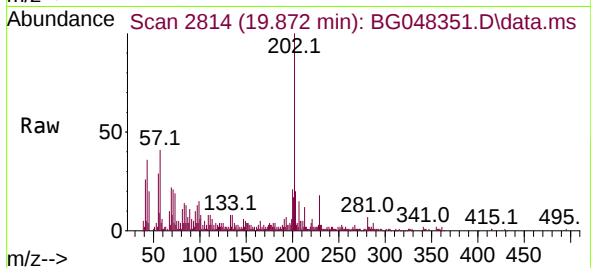
203 20.2 15.3 22.9

Instrument :

BNA_G

ClientSampled :

347



#79

Terphenyl-d14

Concen: 26.68 ng

RT: 20.060 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BG048351.D

Acq: 5 Mar 2021 23:50

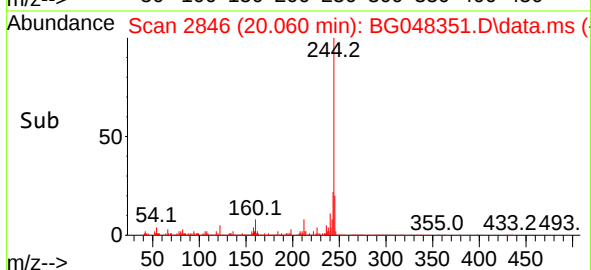
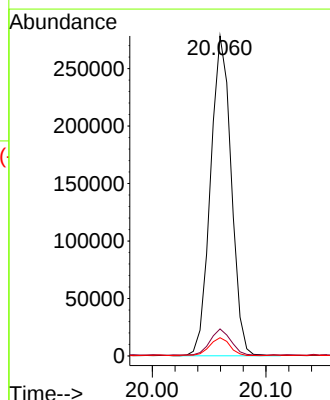
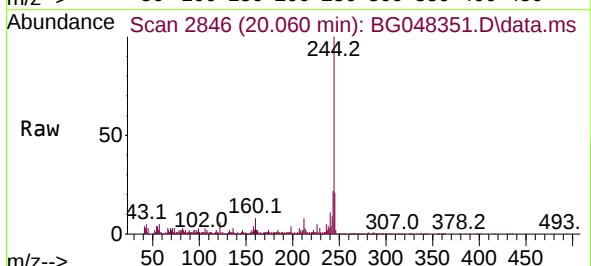
Tgt Ion:244 Resp: 351847

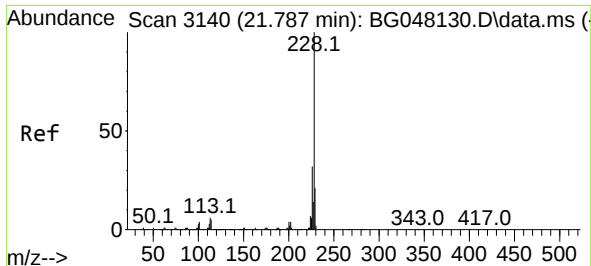
Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 5.7 7.8 11.6#

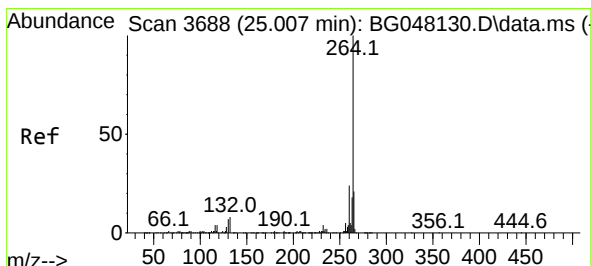
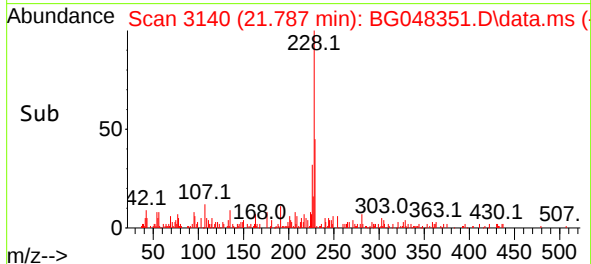
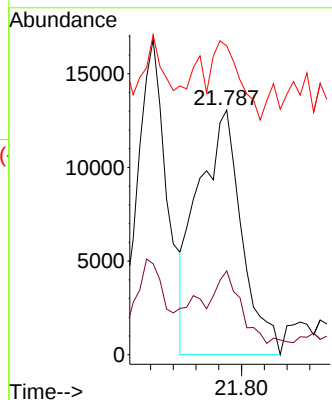
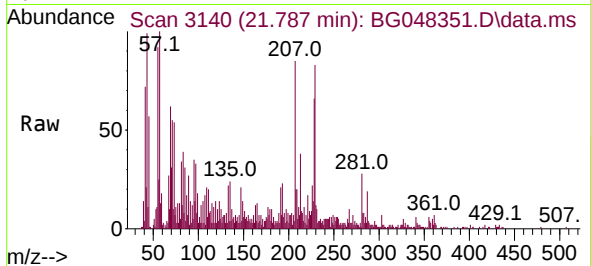




#83
Chrysene
Concen: 2.17 ng
RT: 21.787 min Scan# 3140
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

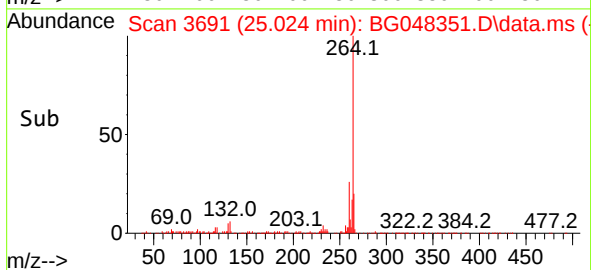
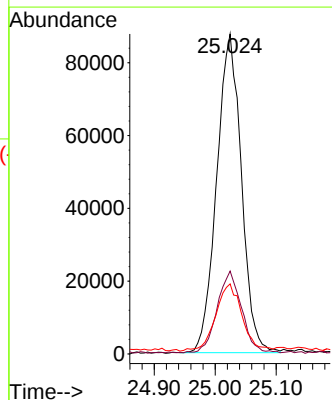
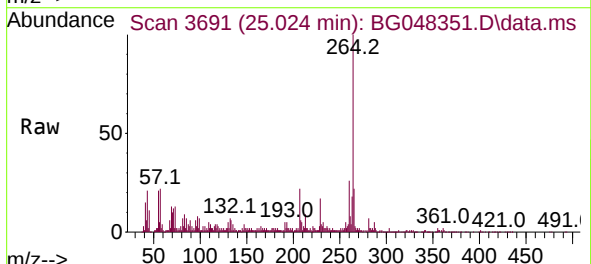
Instrument :
BNA_G
ClientSampled :
347

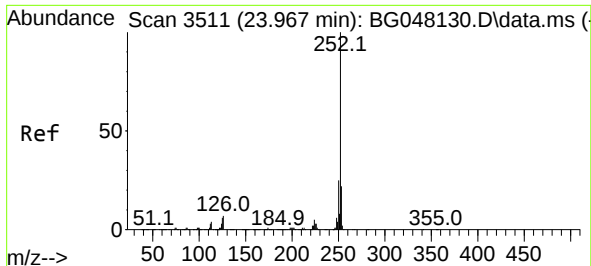
Tgt Ion:228 Resp: 34844
Ion Ratio Lower Upper
228 100
226 34.3 25.0 37.4
229 126.1 17.3 25.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.024 min Scan# 3691
Delta R.T. 0.035 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:264 Resp: 246458
Ion Ratio Lower Upper
264 100
260 25.9 18.8 28.2
265 21.9 17.8 26.8

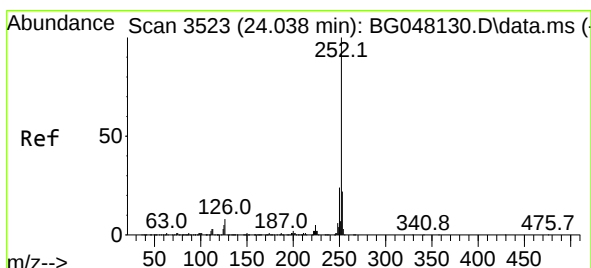
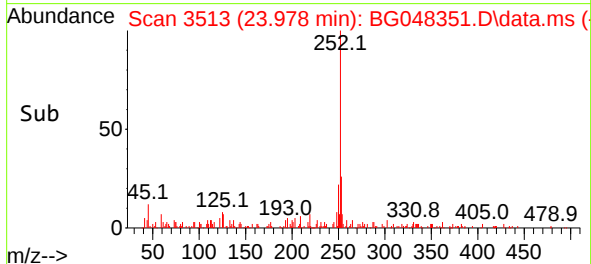
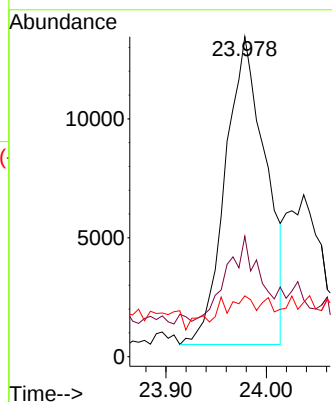
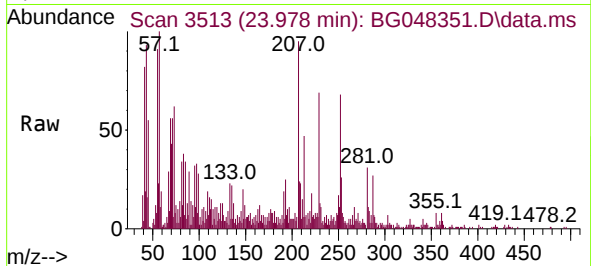




#88
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 23.978 min Scan# 3513
Delta R.T. 0.029 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Instrument :
BNA_G
ClientSampled :
347

Tgt Ion:252 Resp: 36156
Ion Ratio Lower Upper
252 100
253 37.6 18.7 28.1#
125 19.0 6.5 9.7#



#89
Benzo(k)fluoranthene
Concen: 2.22 ng
RT: 23.978 min Scan# 3513
Delta R.T. -0.041 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:252 Resp: 36156
Ion Ratio Lower Upper
252 100
253 37.6 18.6 27.8#
125 19.0 6.8 10.2#

