

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
 Data File : BG047229.D
 Acq On : 5 Nov 2020 21:42
 Operator : CG/JU
 Sample : L4641-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P0102-CAS002-0002-01

Quant Time: Nov 06 02:18:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

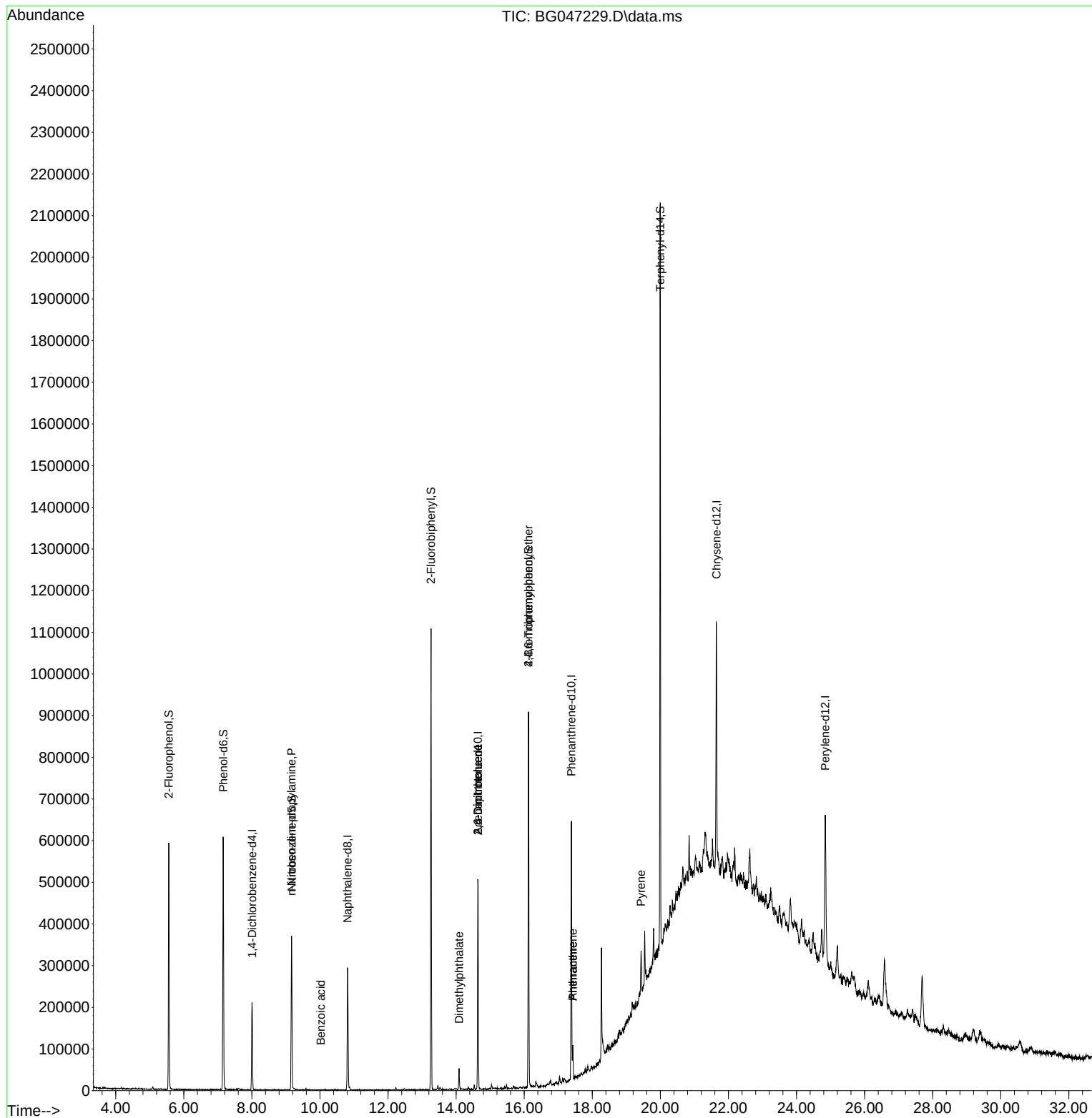
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	57588	20.00	ng	# 0.00
21) Naphthalene-d8	10.813	136	241497	20.00	ng	# 0.00
39) Acenaphthene-d10	14.638	164	177825	20.00	ng	0.00
64) Phenanthrene-d10	17.388	188	394899	20.00	ng	# 0.00
76) Chrysene-d12	21.647	240	367896	20.00	ng	# 0.00
86) Perylene-d12	24.844	264	382823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	237291	66.79	ng	0.00
7) Phenol-d6	7.159	99	314793	61.21	ng	0.00
23) Nitrobenzene-d5	9.168	82	221497	39.36	ng	0.00
42) 2,4,6-Tribromophenol	16.125	330	176463	59.26	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	553311	39.91	ng	0.00
79) Terphenyl-d14	19.996	244	809973	38.72	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.162	70	32097	9.50	ng	# 72
32) Benzoic acid	10.026	122	56	4.76	ng	# 1
50) Dimethylphthalate	14.086	163	31732	2.02	ng	99
51) 2,6-Dinitrotoluene	14.638	165	23040	7.07	ng	# 35
57) 2,4-Dinitrotoluene	14.638	165	23040	4.84	ng	# 33
67) 4-Bromophenyl-phenylether	16.125	248	11456	2.08	ng	# 1
71) Phenanthrene	17.429	178	50438	2.20	ng	97
72) Anthracene	17.429	178	50438	2.27	ng	98
78) Pyrene	19.432	202	57600	2.25	ng	95

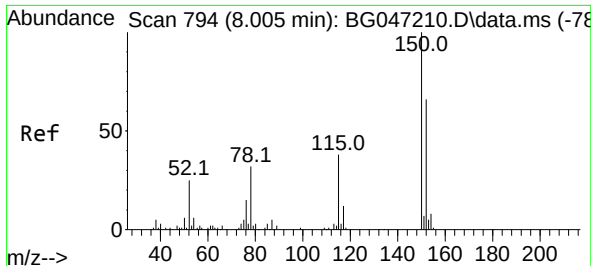
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
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Misc :
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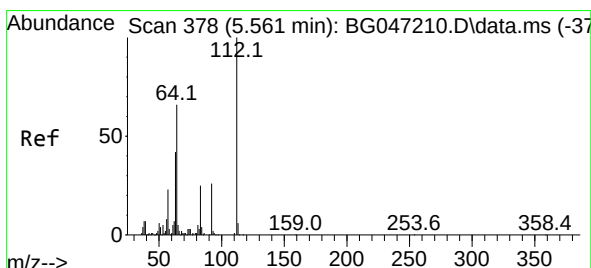
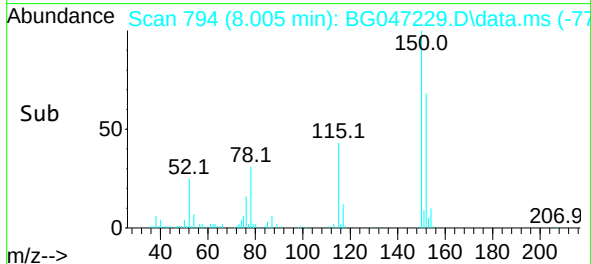
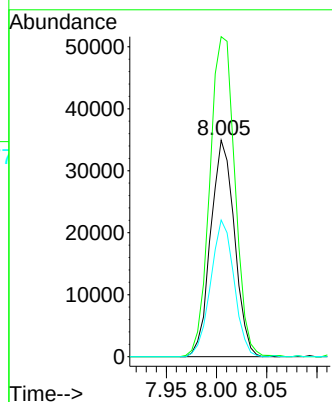
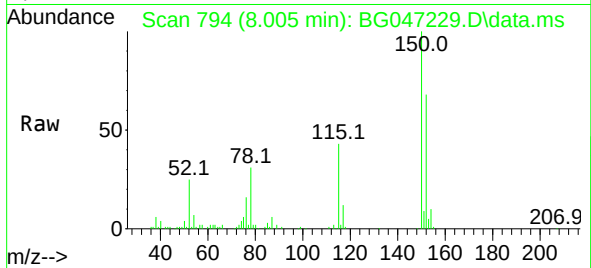




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.005 min Scan# 794
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

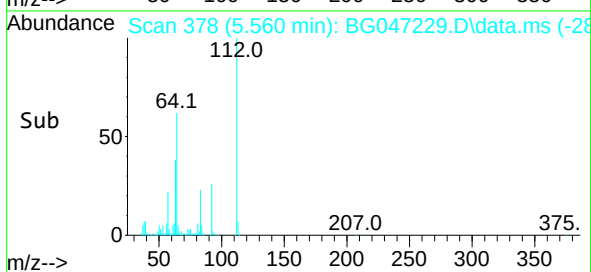
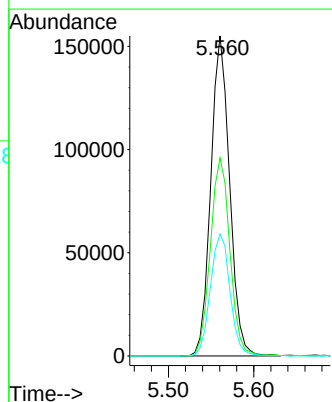
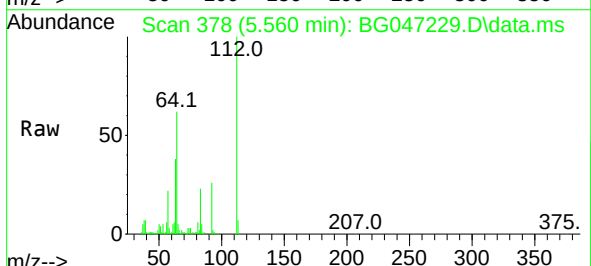
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

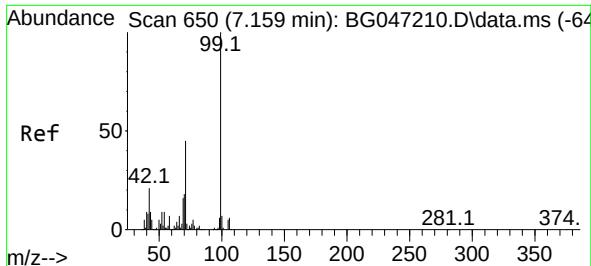
Tgt Ion:152 Resp: 57588
Ion Ratio Lower Upper
152 100
150 147.8 125.0 187.6
115 63.1 41.8 62.6#



#5
2-Fluorophenol
Concen: 66.79 ng
RT: 5.560 min Scan# 378
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:112 Resp: 237291
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 38.1 22.8 34.2#

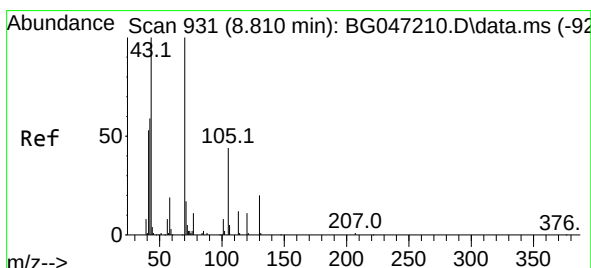
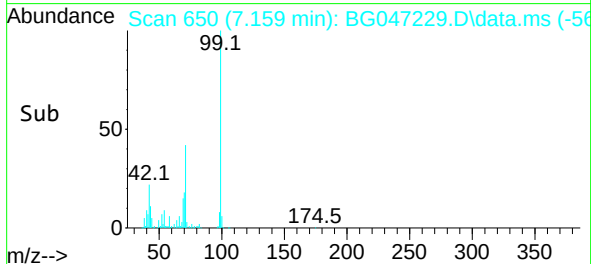
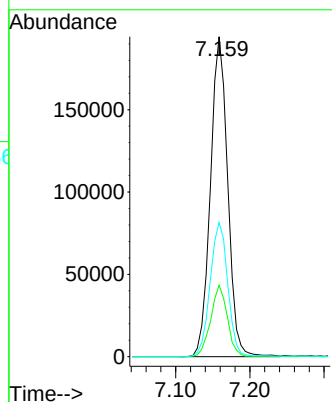
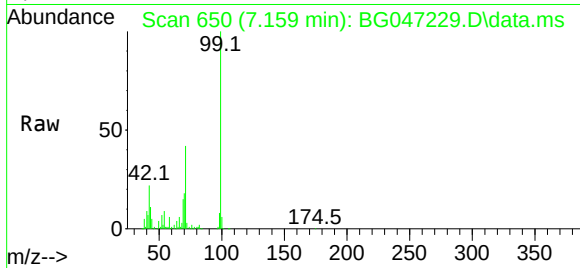




#7
Phenol-d6
Concen: 61.21 ng
RT: 7.159 min Scan# 650
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

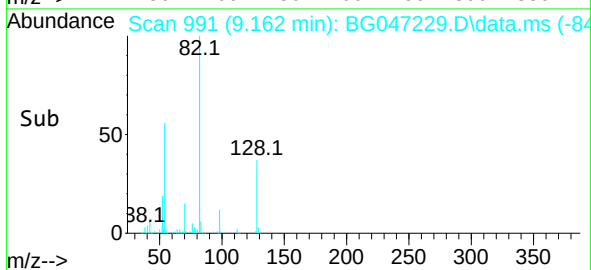
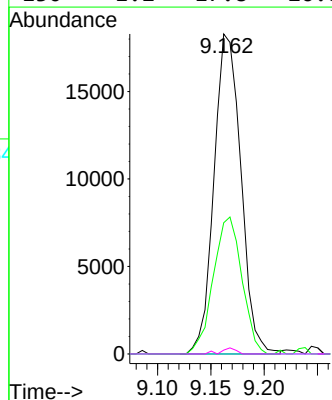
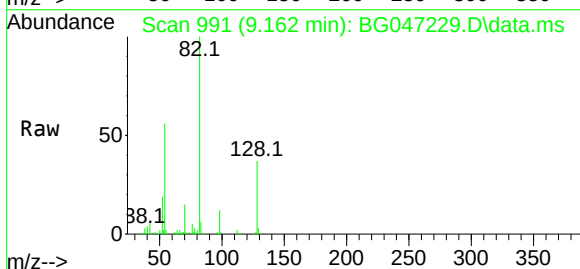
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

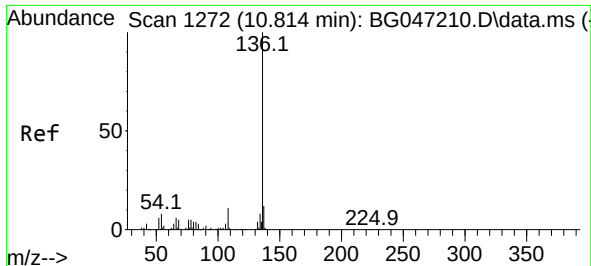
Tgt Ion: 99 Resp: 314793
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 42.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.50 ng
RT: 9.162 min Scan# 991
Delta R.T. 0.352 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion: 70 Resp: 32097
Ion Ratio Lower Upper
70 100
42 41.0 45.6 68.4#
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#

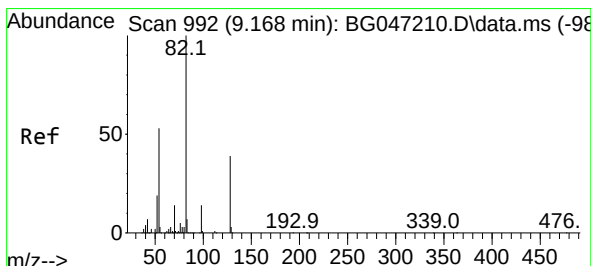
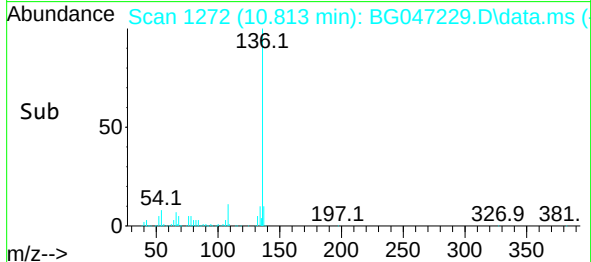
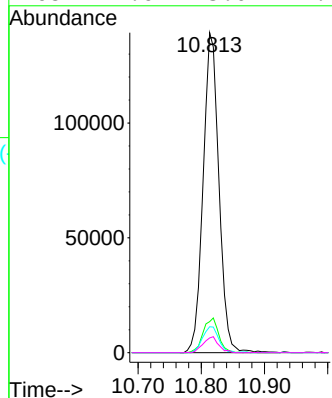
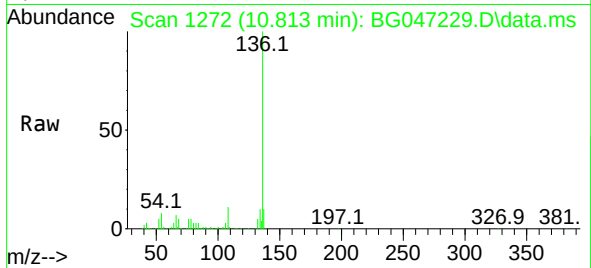




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.813 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

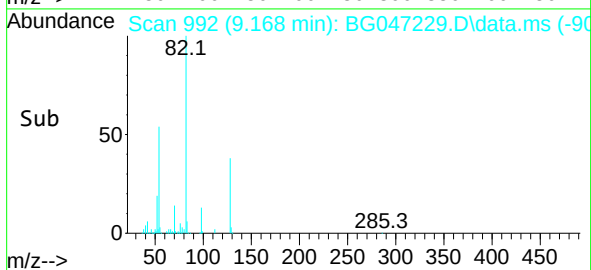
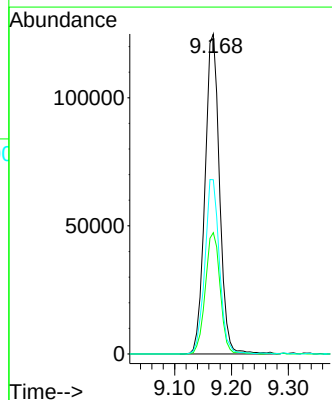
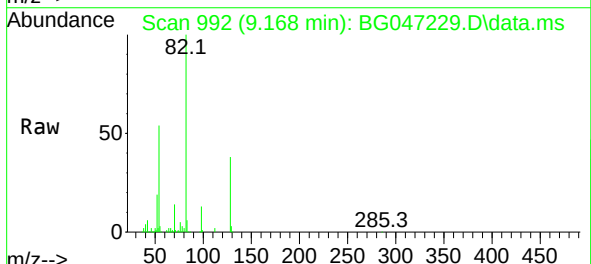
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

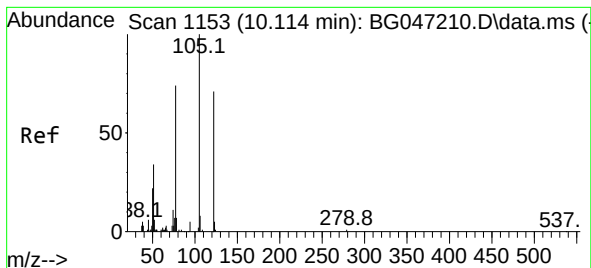
Tgt Ion:	136	Resp:	241497
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	8.1	6.2	9.4
68	4.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 39.36 ng
RT: 9.168 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:	82	Resp:	221497
Ion	Ratio	Lower	Upper
82	100		
128	37.9	37.0	55.6
54	54.5	39.0	58.4

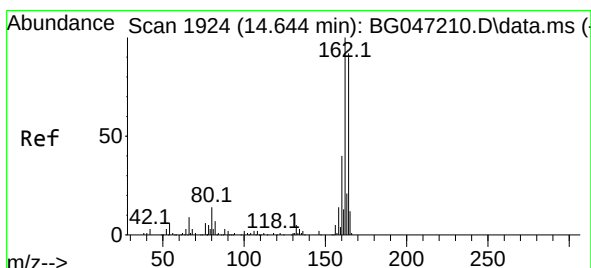
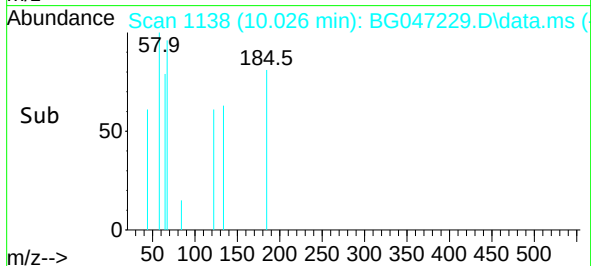
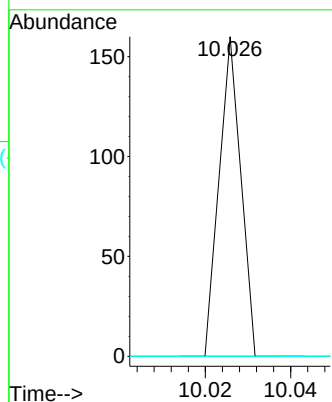
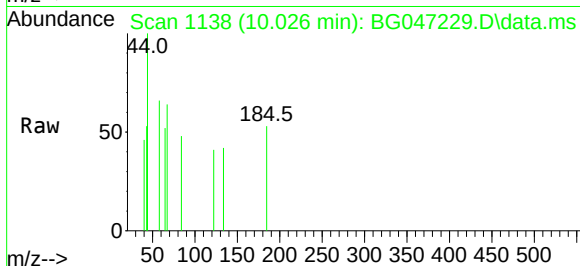




#32
Benzoic acid
Concen: 4.76 ng
RT: 10.026 min Scan# 1138
Delta R.T. -0.088 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

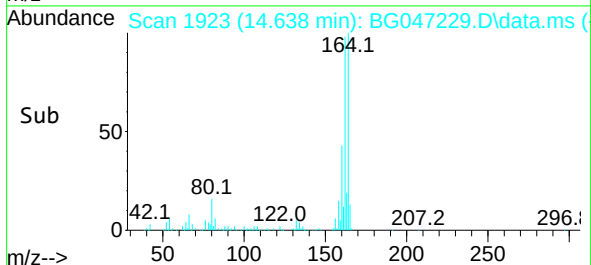
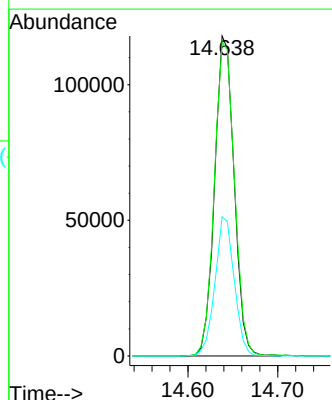
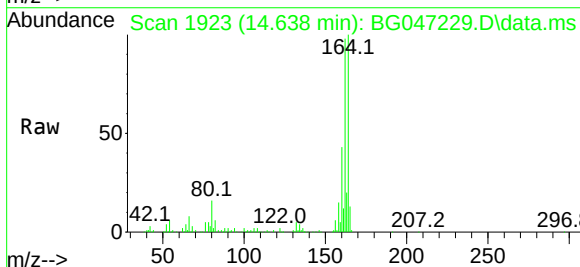
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

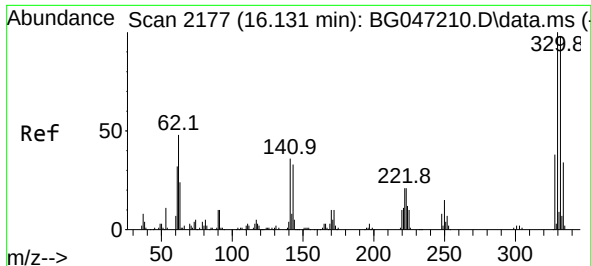
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.638 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

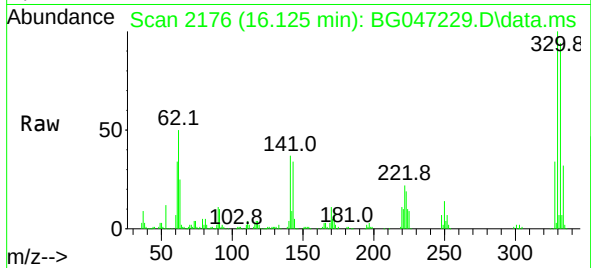
Tgt Ion:164 Resp: 177825
Ion Ratio Lower Upper
164 100
162 98.2 82.3 123.5
160 43.5 35.3 52.9



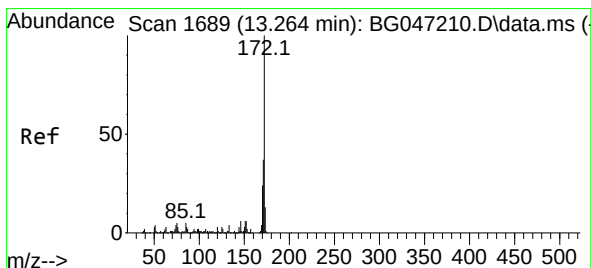
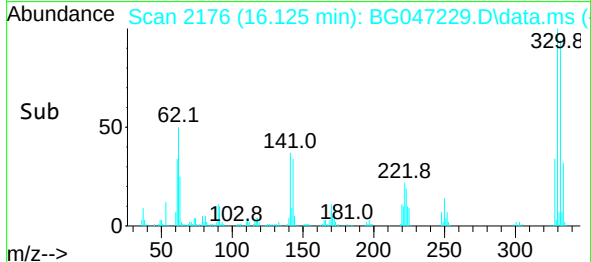
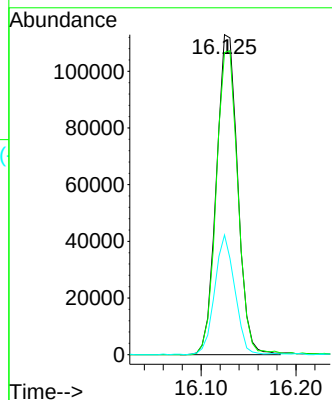


#42
2,4,6-Tribromophenol
Concen: 59.26 ng
RT: 16.125 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

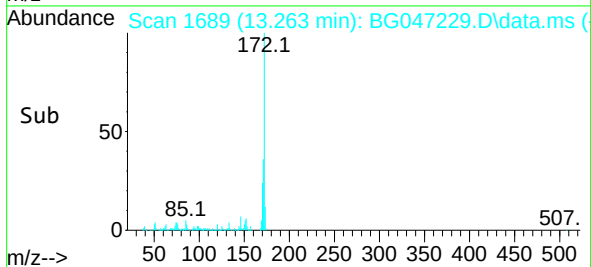
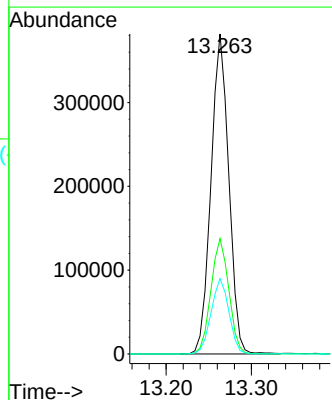
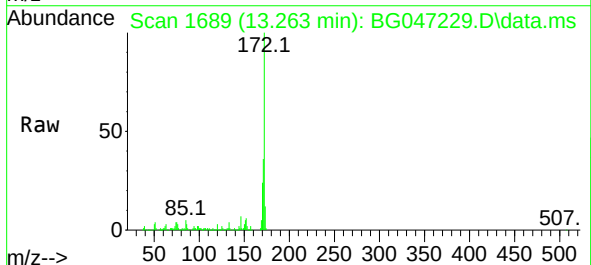


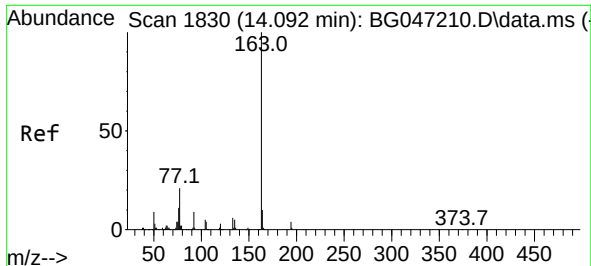
Tgt Ion:330 Resp: 176463
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 39.91 ng
RT: 13.263 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:172 Resp: 553311
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 23.6 20.8 31.2

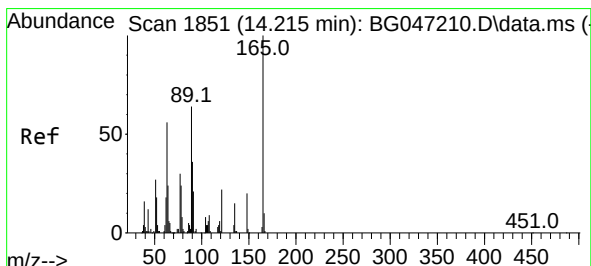
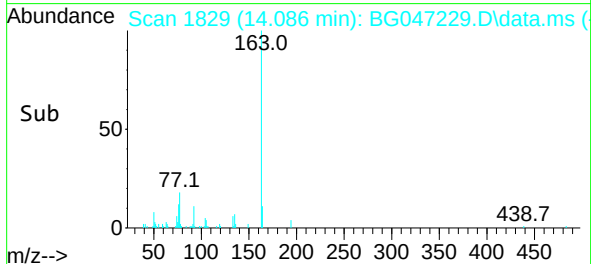
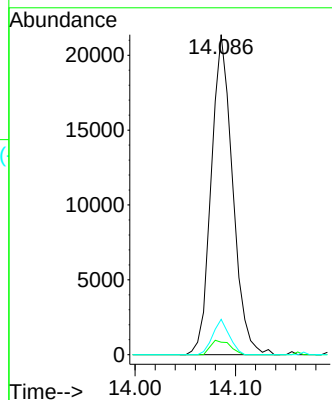
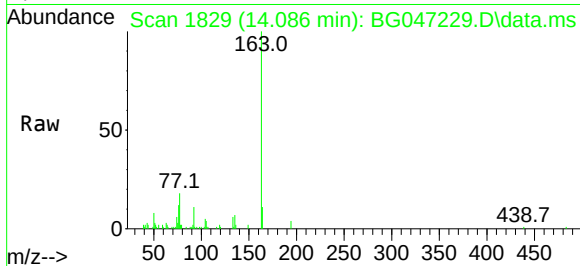




#50
Dimethylphthalate
Concen: 2.02 ng
RT: 14.086 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

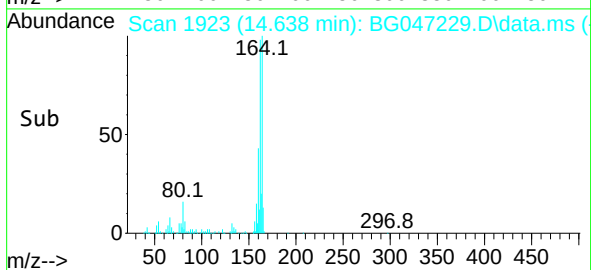
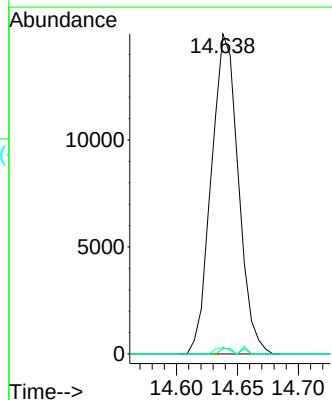
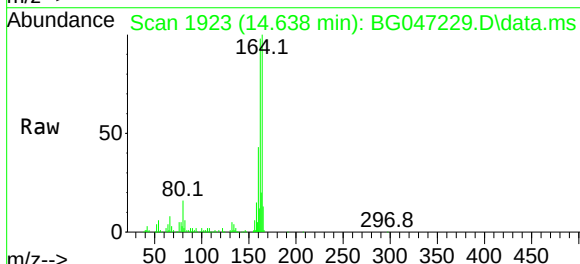
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

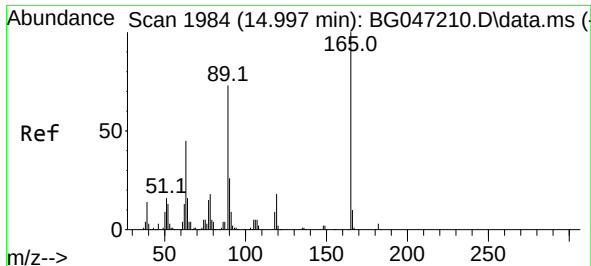
Tgt Ion:163 Resp: 31732
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.8
164 11.0 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.07 ng
RT: 14.638 min Scan# 1923
Delta R.T. 0.423 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

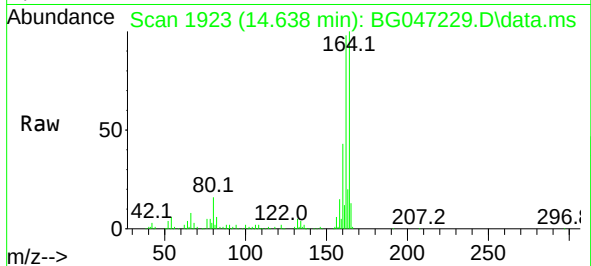
Tgt Ion:165 Resp: 23040
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 2.0 36.6 54.8#



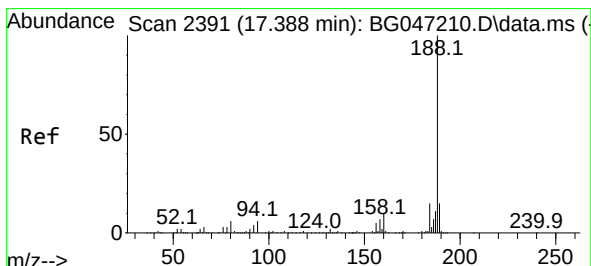
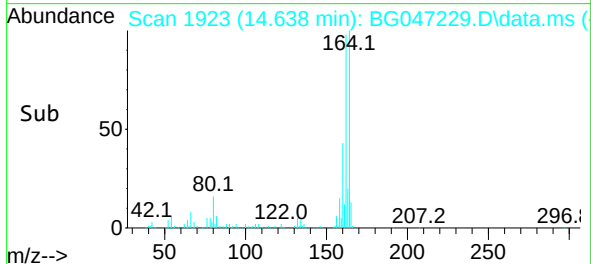
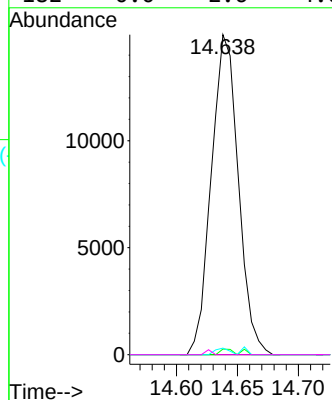


#57
2,4-Dinitrotoluene
Concen: 4.84 ng
RT: 14.638 min Scan# 1923
Delta R.T. -0.359 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

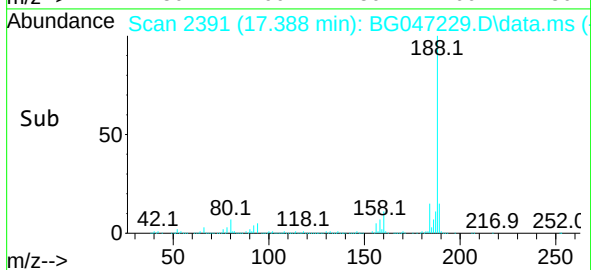
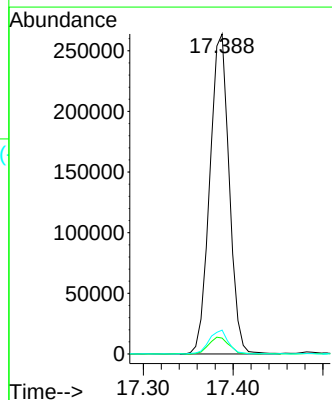
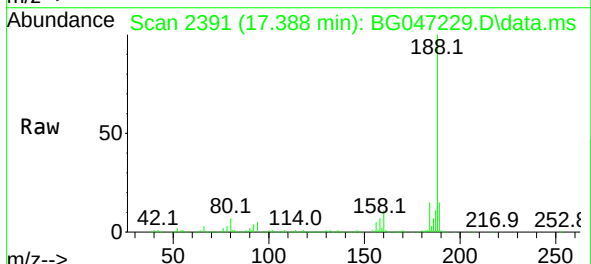


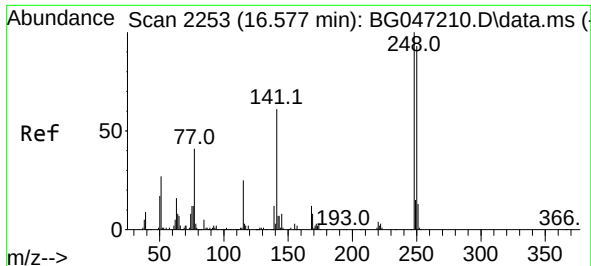
Tgt Ion:165 Resp: 23040
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.388 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

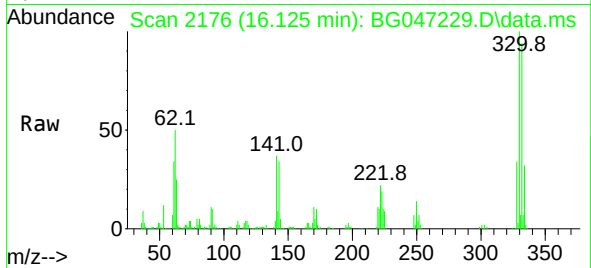
Tgt Ion:188 Resp: 394899
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 7.5 7.0 10.6



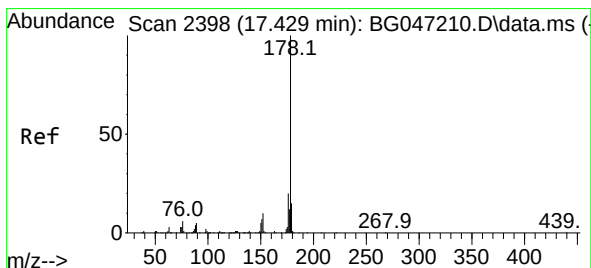
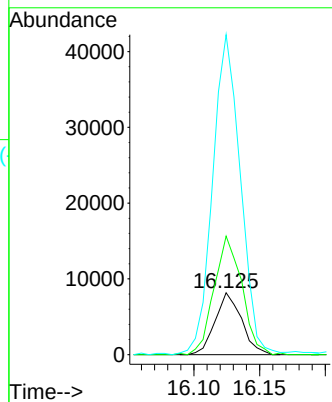
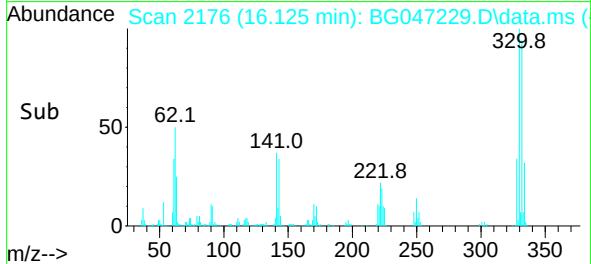


#67
4-Bromophenyl-phenylether
Concen: 2.08 ng
RT: 16.125 min Scan# 2176
Delta R.T. -0.453 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

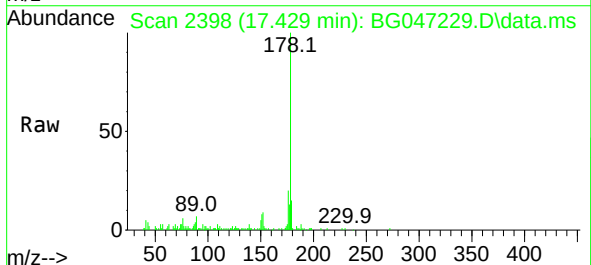
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01



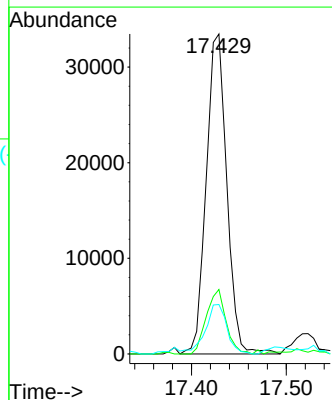
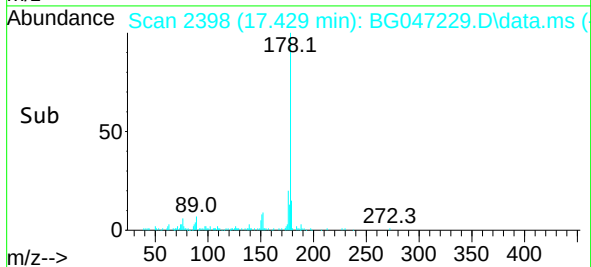
Tgt Ion:248 Resp: 11456
Ion Ratio Lower Upper
248 100
250 191.2 78.9 118.3#
141 516.3 46.2 69.4#

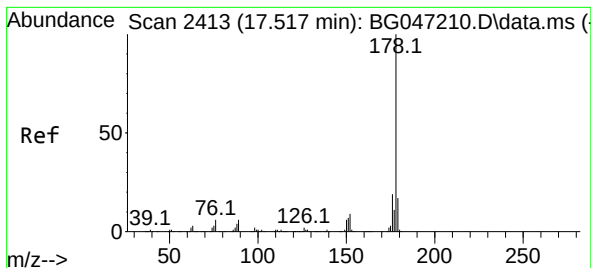


#71
Phenanthrene
Concen: 2.20 ng
RT: 17.429 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42



Tgt Ion:178 Resp: 50438
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.5 14.0 21.0

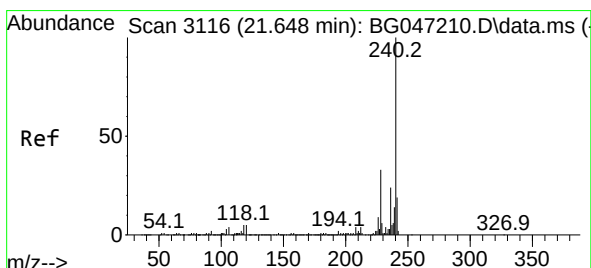
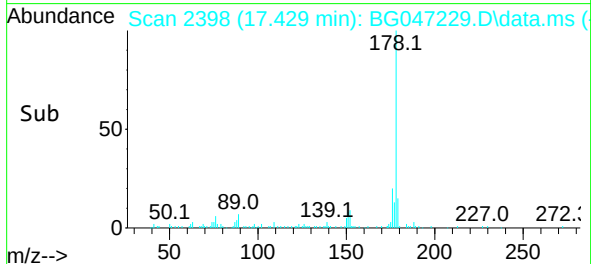
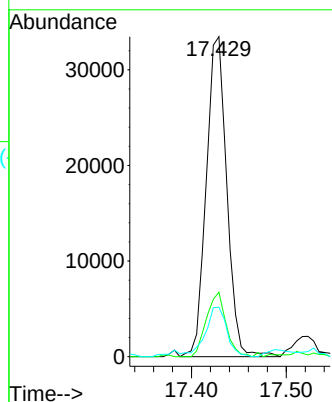
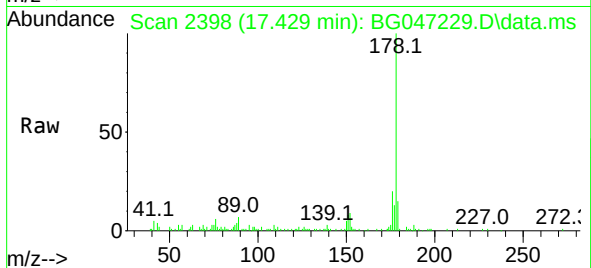




#72
 Anthracene
 Concen: 2.27 ng
 RT: 17.429 min Scan# 2398
 Delta R.T. -0.089 min
 Lab File: BG047229.D
 Acq: 5 Nov 2020 21:42

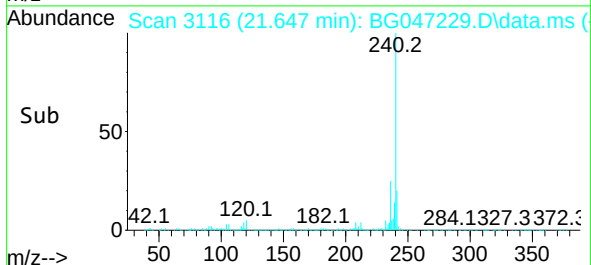
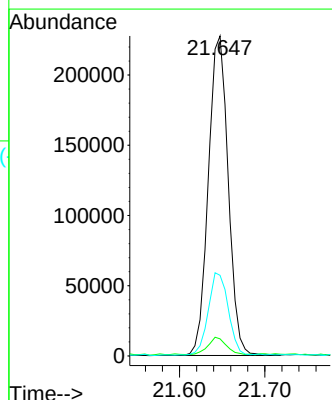
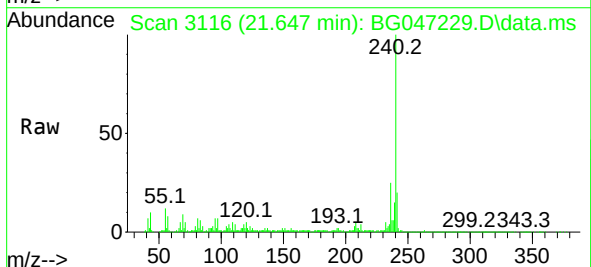
Instrument :
 BNA_G
 ClientSampleId :
 P0102-CAS002-0002-01

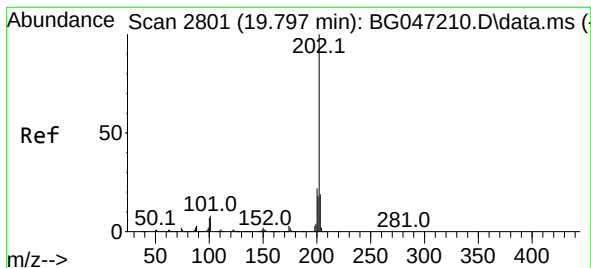
Tgt Ion:178 Resp: 50438
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.4 24.6
 179 15.5 13.8 20.6



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.647 min Scan# 3116
 Delta R.T. -0.000 min
 Lab File: BG047229.D
 Acq: 5 Nov 2020 21:42

Tgt Ion:240 Resp: 367896
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.2 9.4#
 236 25.2 20.5 30.7





#78

Pyrene

Concen: 2.25 ng

RT: 19.432 min Scan# 2739

Delta R.T. -0.365 min

Lab File: BG047229.D

Acq: 5 Nov 2020 21:42

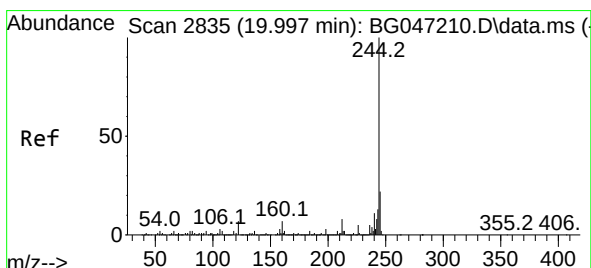
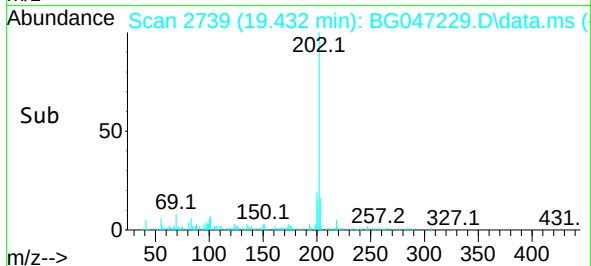
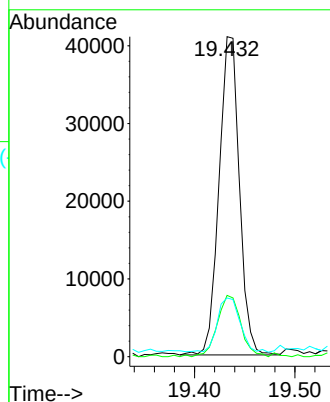
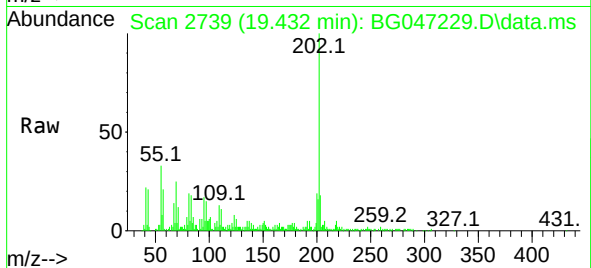
Tgt Ion:	202	Resp:	57600
Ion Ratio	Lower	Upper	
202	100		
200	19.1	18.6	27.8
203	18.3	15.3	22.9

Instrument :

BNA_G

ClientSampleId :

P0102-CAS002-0002-01



#79

Terphenyl-d14

Concen: 38.72 ng

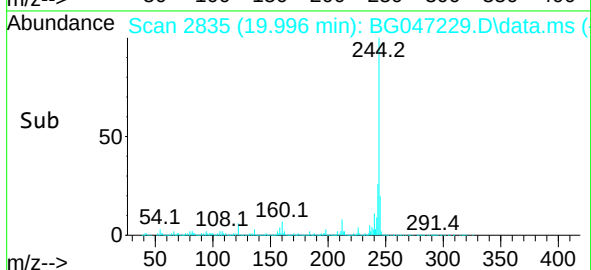
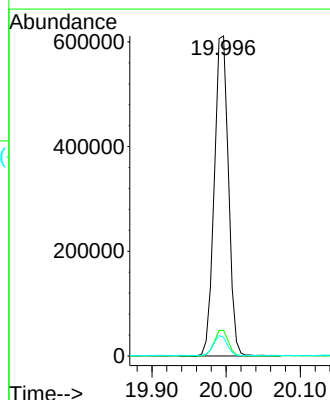
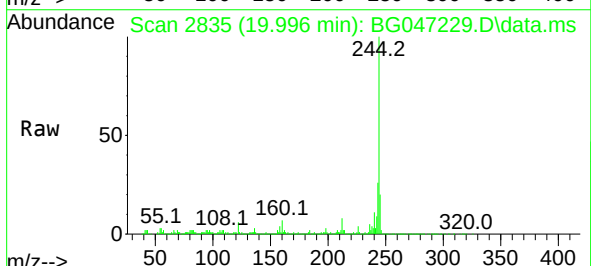
RT: 19.996 min Scan# 2835

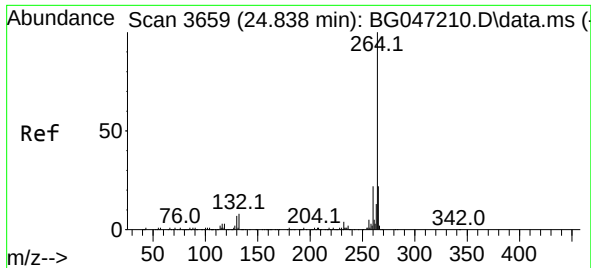
Delta R.T. -0.000 min

Lab File: BG047229.D

Acq: 5 Nov 2020 21:42

Tgt Ion:	244	Resp:	809973
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.7	10.1
122	5.9	7.8	11.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.844 min Scan# 3660
 Delta R.T. 0.005 min
 Lab File: BG047229.D
 Acq: 5 Nov 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 P0102-CAS002-0002-01

Tgt Ion:264 Resp: 382823

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.8	28.2
265	21.8	17.8	26.8

