

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049046.D
 Acq On : 22 Jun 2021 15:11
 Operator : CG/JU
 Sample : M2772-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11

Quant Time: Jun 22 15:56:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

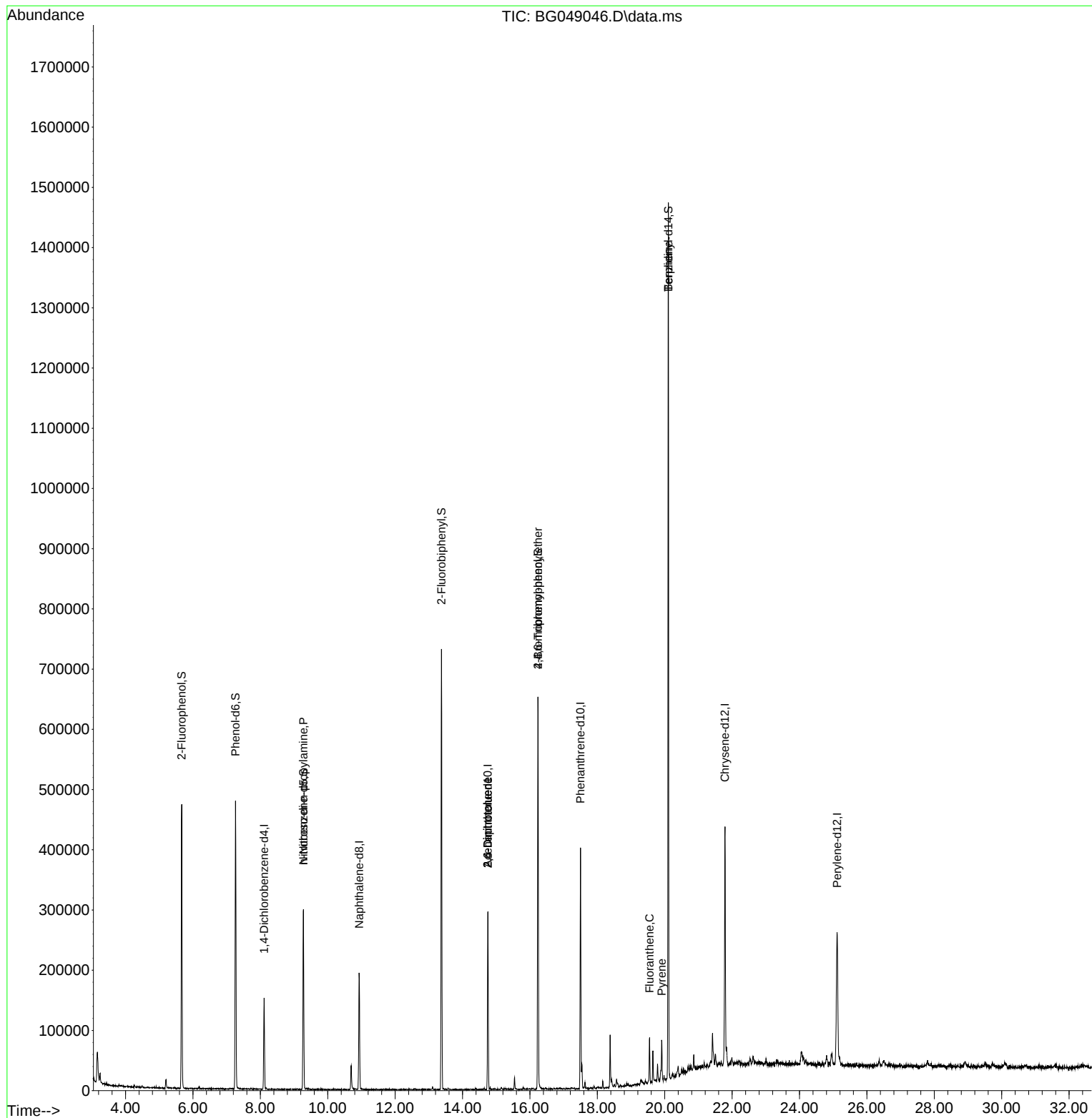
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	38505	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	154481	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	110023	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	252492	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	247274	20.000	ng	0.00
86) Perylene-d12	25.114	264	254111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	186187	75.272	ng	0.00
7) Phenol-d6	7.265	99	244572	65.969	ng	0.00
23) Nitrobenzene-d5	9.280	82	180251	50.313	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	129568	79.487	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	368875	47.362	ng	0.00
79) Terphenyl-d14	20.109	244	673051	49.849	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	27446	9.471	ng	# 72
51) 2,6-Dinitrotoluene	14.750	165	14718	8.433	ng	# 11
57) 2,4-Dinitrotoluene	14.750	165	14718	6.865	ng	# 17
67) 4-Bromophenyl-phenylether	16.242	248	8263	2.621	ng	# 1
75) Fluoranthene	19.550	202	46111	2.691	ng	98
77) Benzidine	20.109	184	12307	2.471	ng	# 80
78) Pyrene	19.909	202	44484	2.479	ng	98

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

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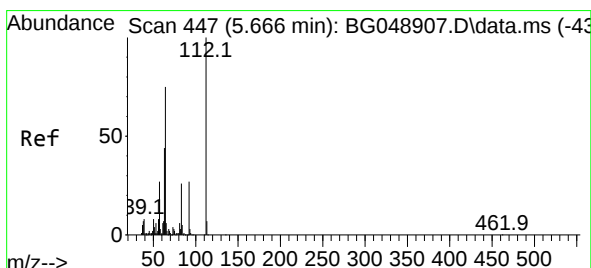
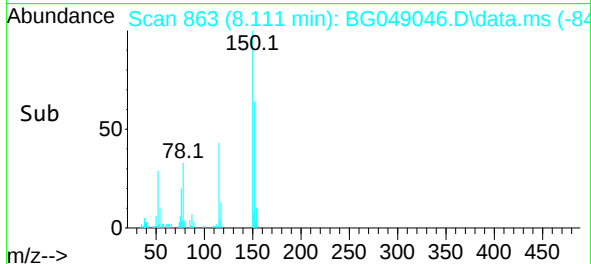
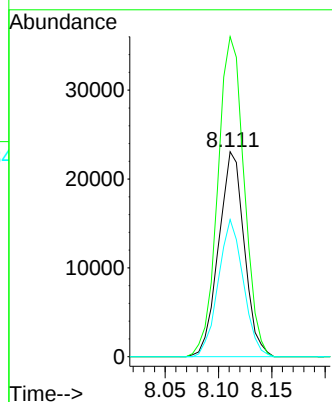
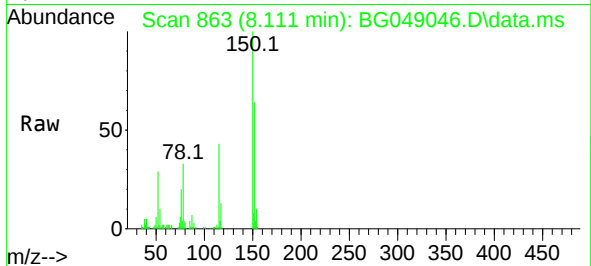




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

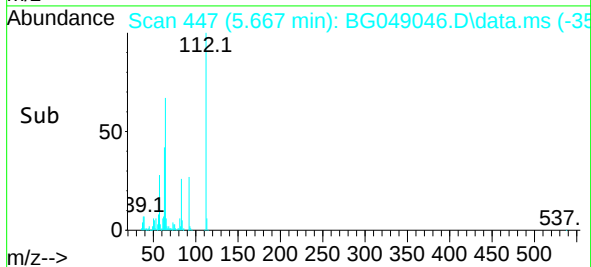
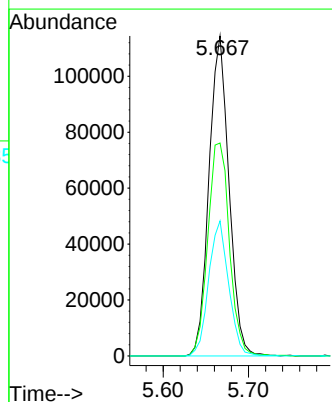
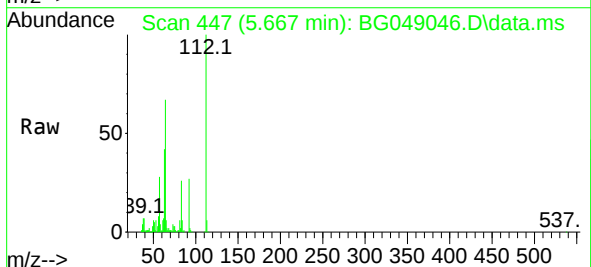
Instrument :
BNA_G
ClientSampleId :
SB-11

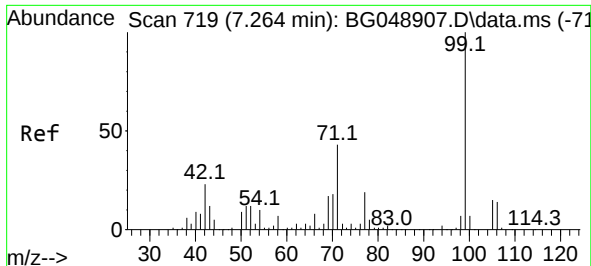
Tgt Ion:152 Resp: 38505
Ion Ratio Lower Upper
152 100
150 156.1 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 75.272 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion:112 Resp: 186187
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 42.2 35.3 52.9

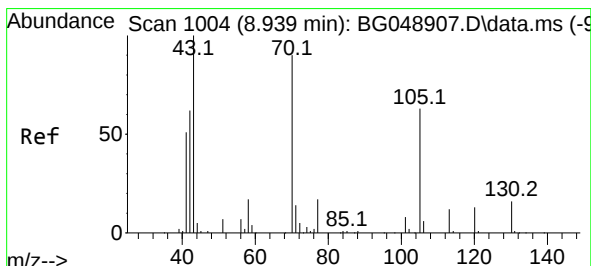
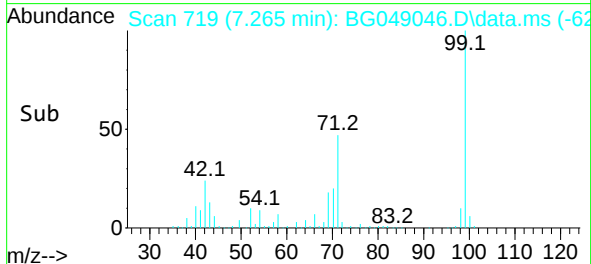
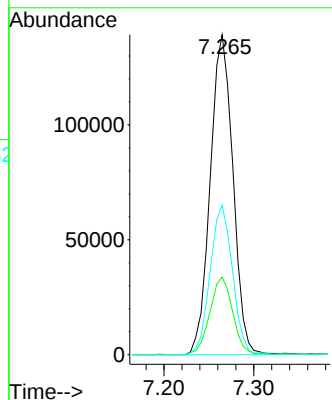
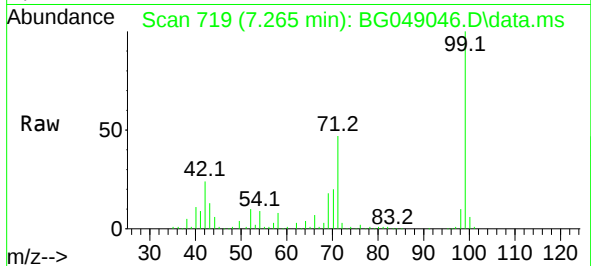




#7
Phenol-d6
Concen: 65.969 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

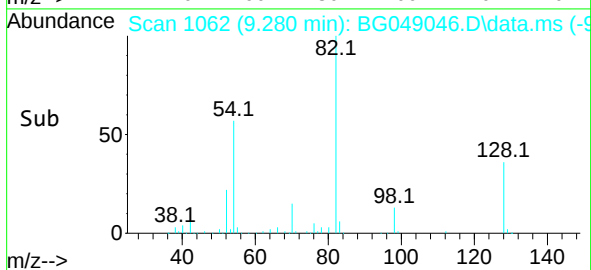
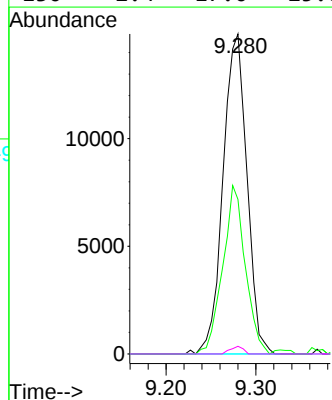
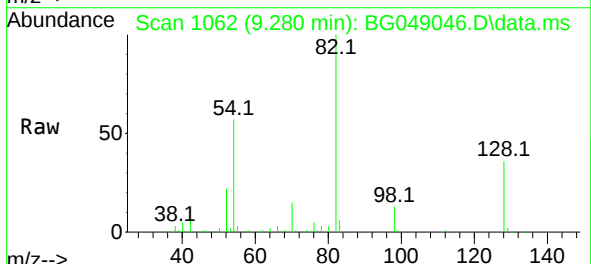
Instrument :
BNA_G
ClientSampleId :
SB-11

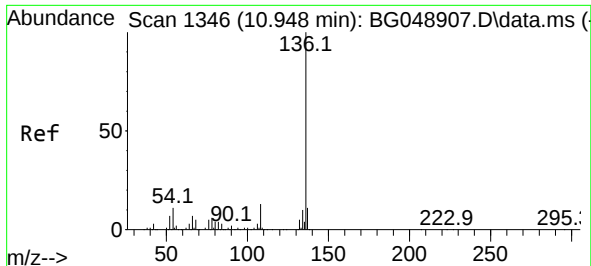
Tgt Ion: 99 Resp: 244572
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.471 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion: 70 Resp: 27446
Ion Ratio Lower Upper
70 100
42 48.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#

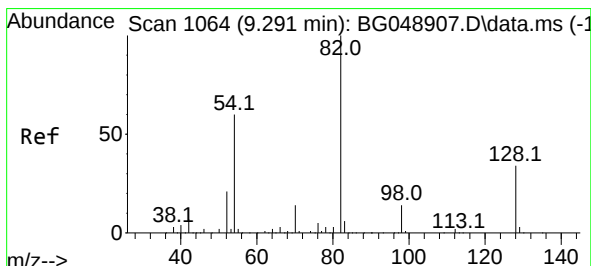
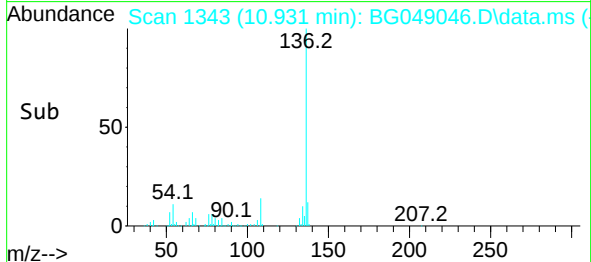
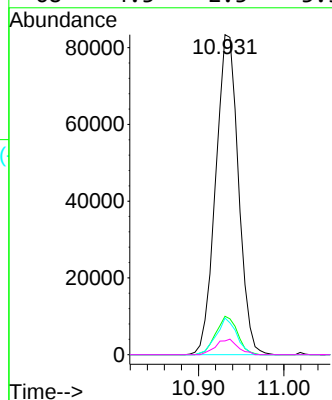
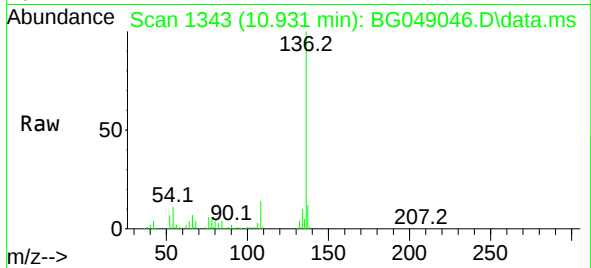




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

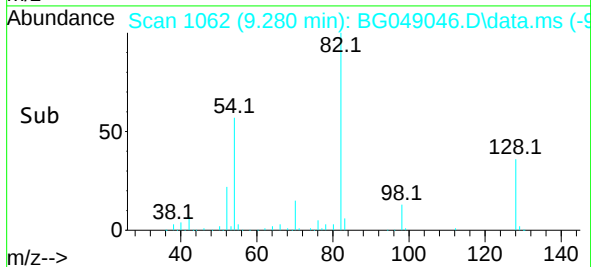
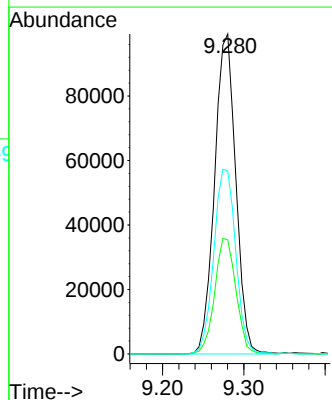
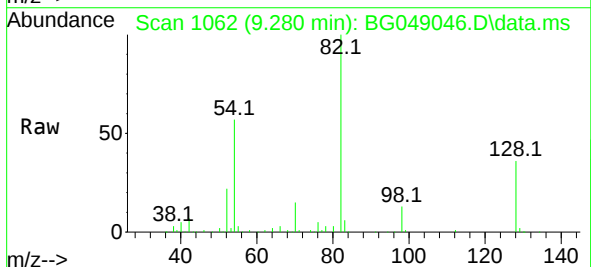
Instrument :
BNA_G
ClientSampleId :
SB-11

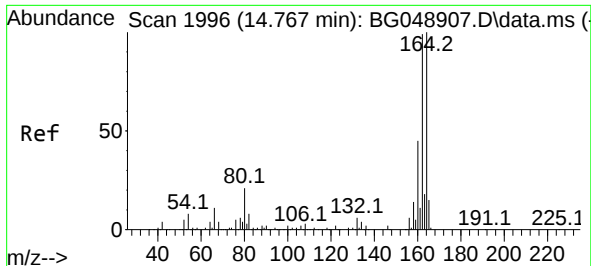
Tgt Ion:136	Resp: 154481
Ion Ratio	Lower Upper
136	100
137	12.0 8.2 12.2
54	11.5 5.5 8.3#
68	4.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 50.313 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion: 82	Resp: 180251
Ion Ratio	Lower Upper
82	100
128	35.7 29.8 44.6
54	57.2 45.8 68.8

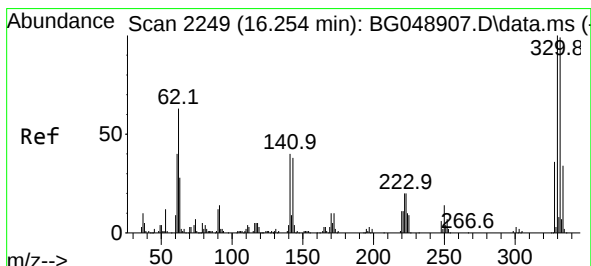
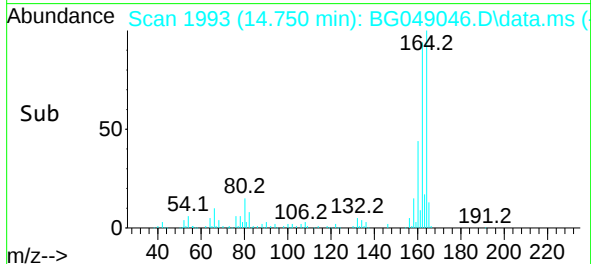
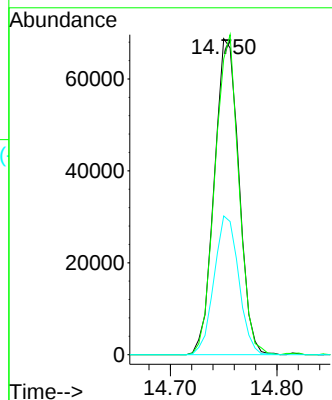
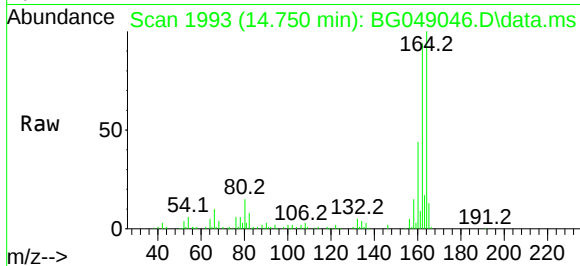




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

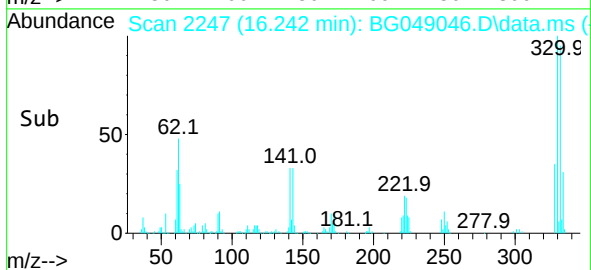
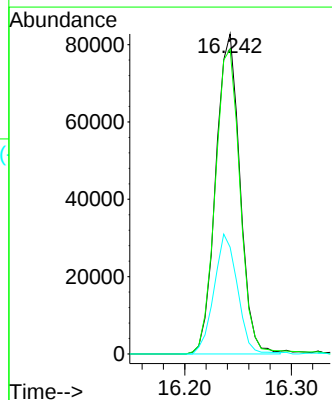
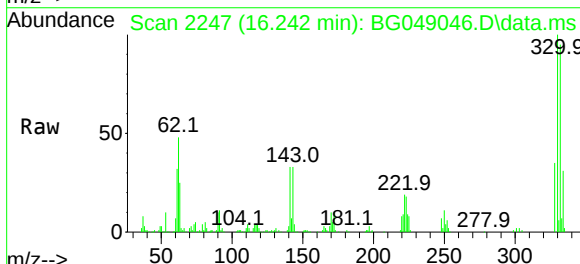
Instrument :
BNA_G
ClientSampleId :
SB-11

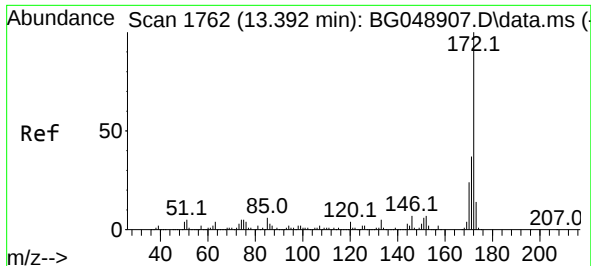
Tgt Ion:164 Resp: 110023
Ion Ratio Lower Upper
164 100
162 93.6 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 79.487 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

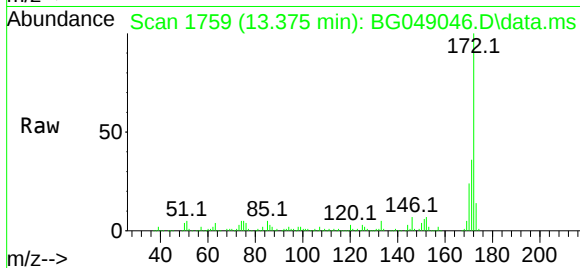
Tgt Ion:330 Resp: 129568
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 36.5 35.6 53.4



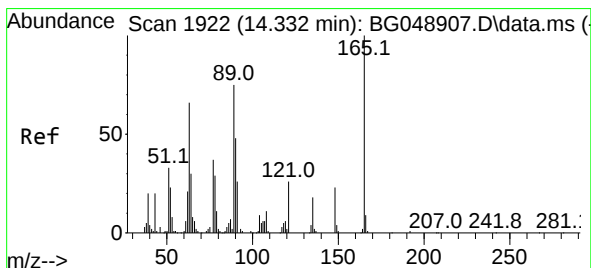
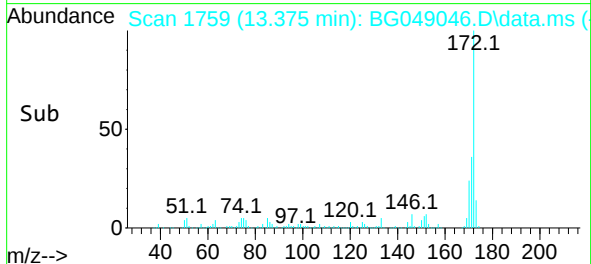
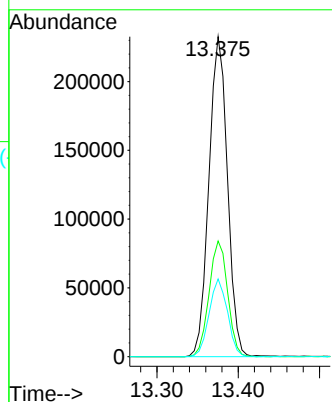


#45
2-Fluorobiphenyl
Concen: 47.362 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Instrument :
BNA_G
ClientSampled :
SB-11

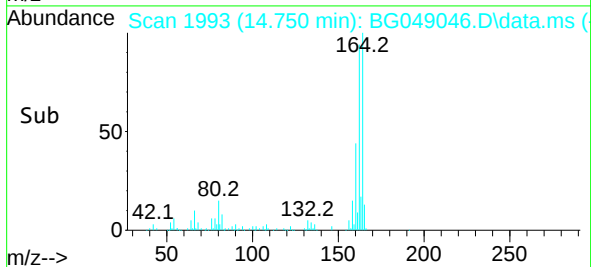
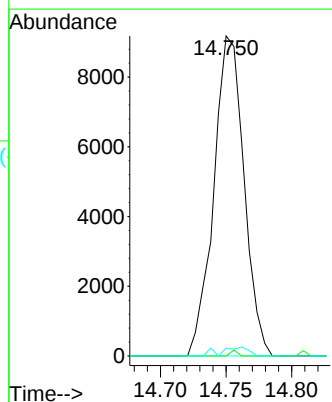
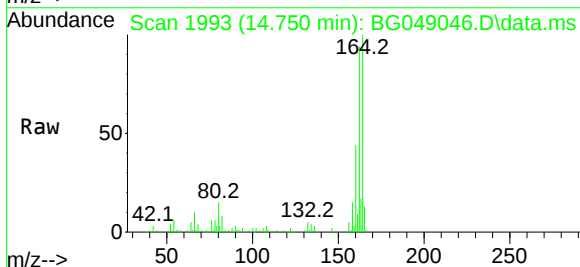


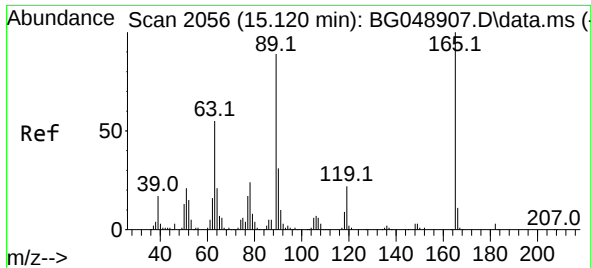
Tgt Ion:172 Resp: 368875
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion:165 Resp: 14718
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.5 63.4 95.0#

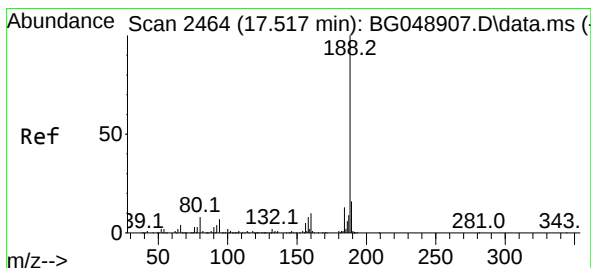
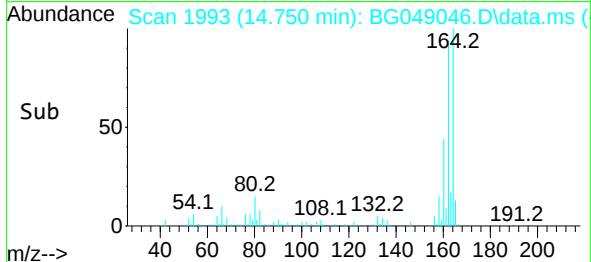
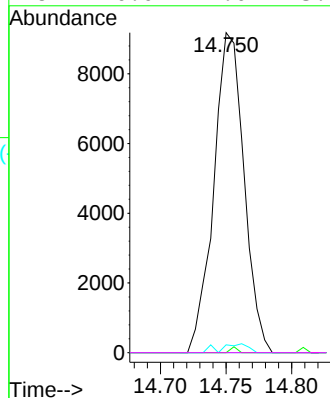
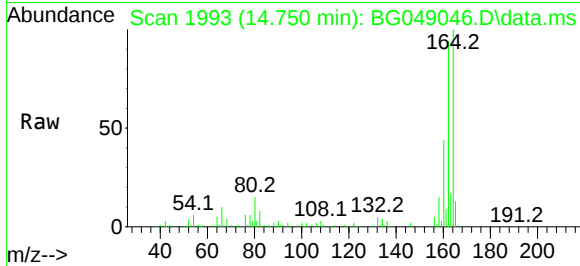




#57
2,4-Dinitrotoluene
Concen: 6.865 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

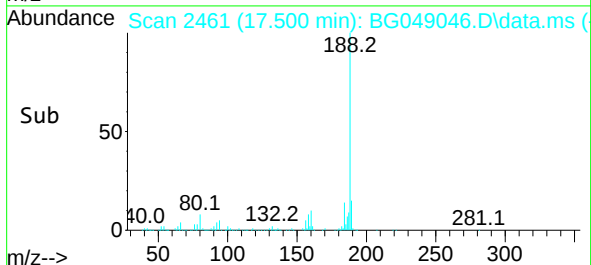
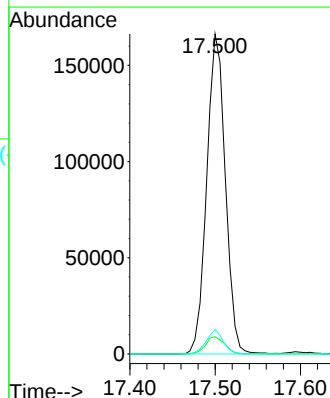
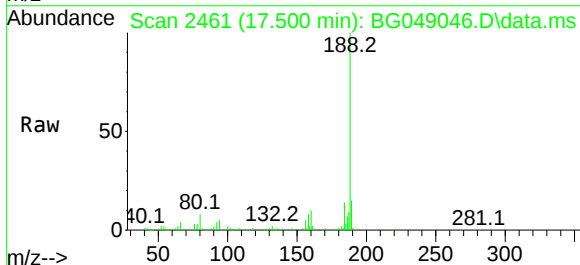
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BNA_G
ClientSampled :
SB-11

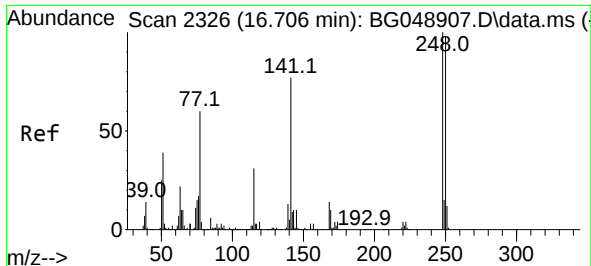
Tgt Ion:	165	Resp:	14718
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.0	72.0#
89	2.5	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion:	188	Resp:	252492
Ion Ratio	Lower	Upper	
188	100		
94	5.4	5.4	8.0
80	7.6	3.7	5.5#

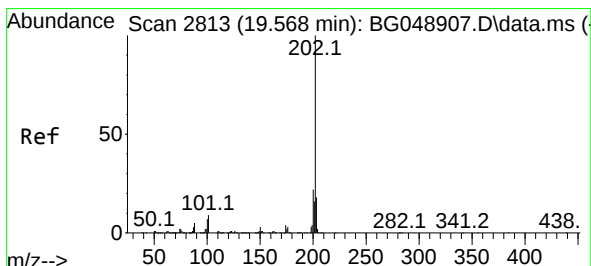
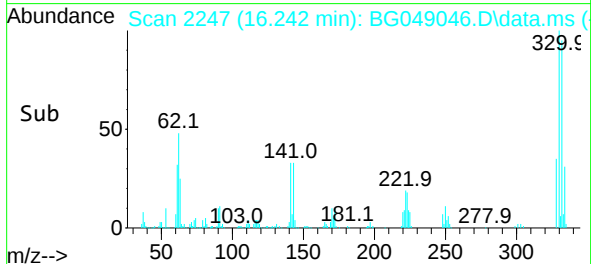
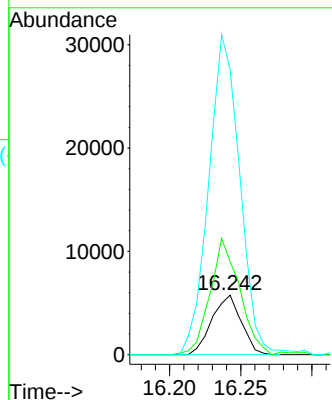
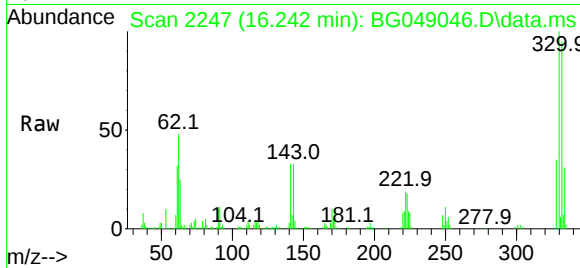




#67
4-Bromophenyl-phenylether
Concen: 2.621 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.449 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

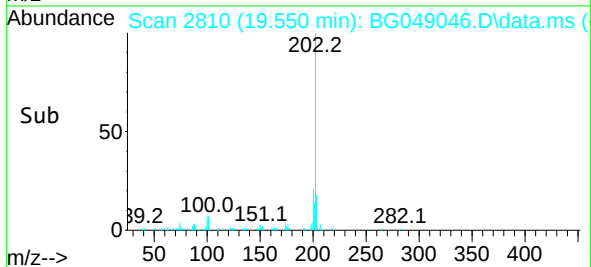
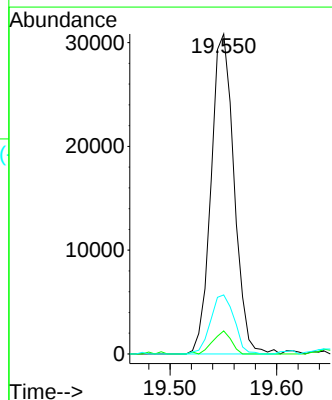
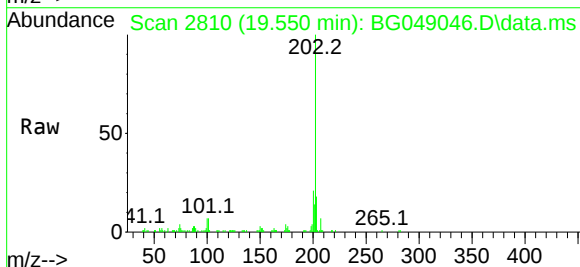
Instrument :
BNA_G
ClientSampleId :
SB-11

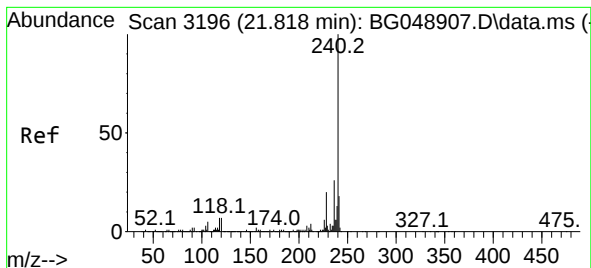
Tgt Ion:248 Resp: 8263
Ion Ratio Lower Upper
248 100
250 156.2 76.1 114.1#
141 478.9 65.4 98.2#



#75
Fluoranthene
Concen: 2.691 ng
RT: 19.550 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion:202 Resp: 46111
Ion Ratio Lower Upper
202 100
101 7.2 0.0 24.7
203 18.5 0.0 38.5

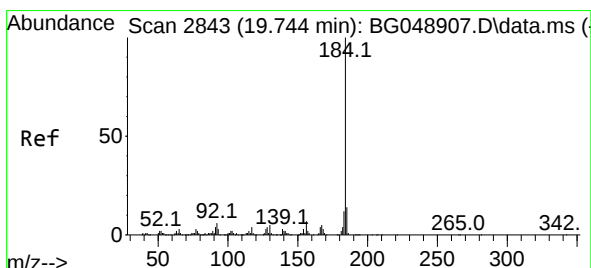
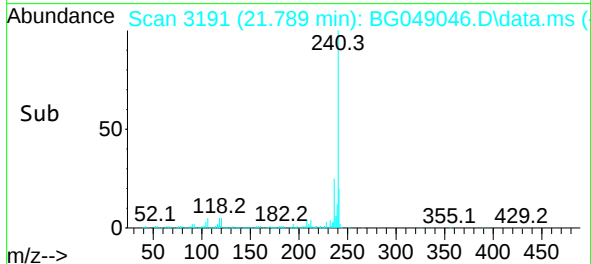
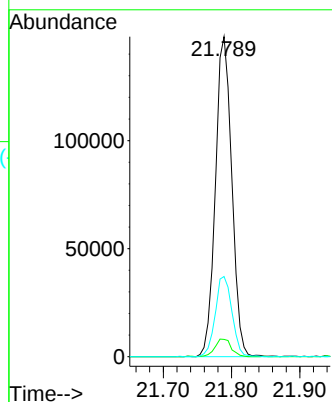
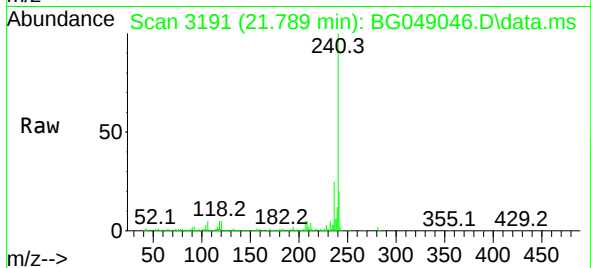




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

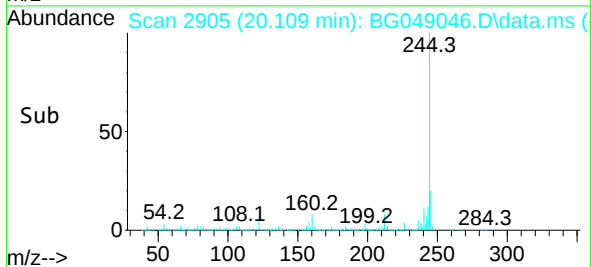
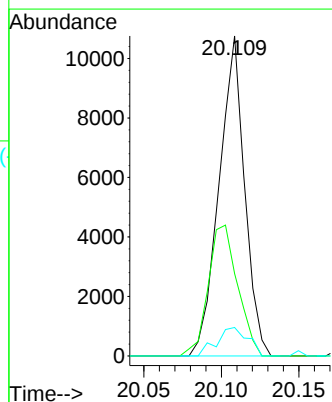
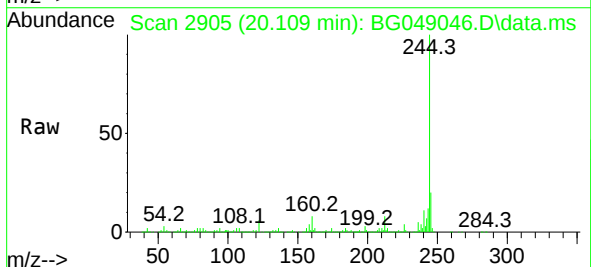
Instrument :
BNA_G
ClientSampleId :
SB-11

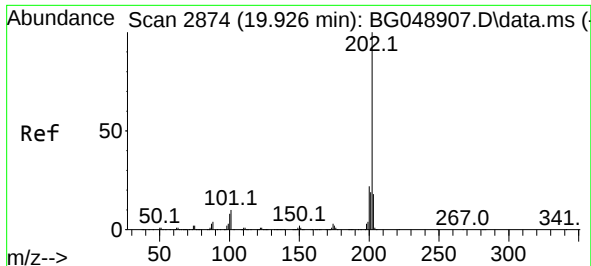
Tgt Ion:240 Resp: 247274
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.0 21.8 32.6



#77
Benzidine
Concen: 2.471 ng
RT: 20.109 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG049046.D
Acq: 22 Jun 2021 15:11

Tgt Ion:184 Resp: 12307
Ion Ratio Lower Upper
184 100
185 25.7 10.7 16.1#
183 8.9 9.4 14.0#

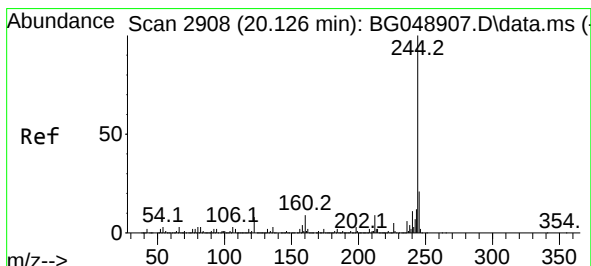
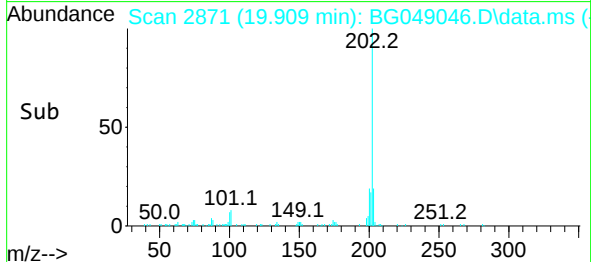
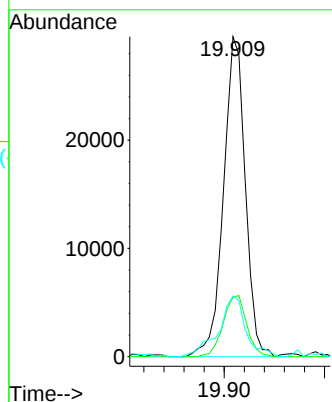
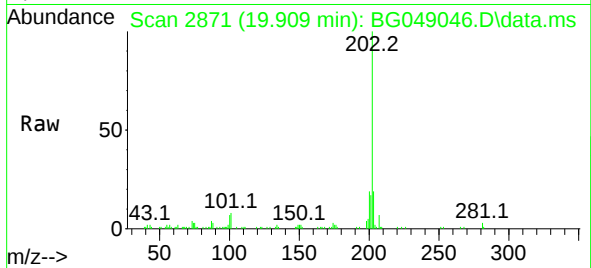




#78
 Pyrene
 Concen: 2.479 ng
 RT: 19.909 min Scan# 2871
 Delta R.T. -0.009 min
 Lab File: BG049046.D
 Acq: 22 Jun 2021 15:11

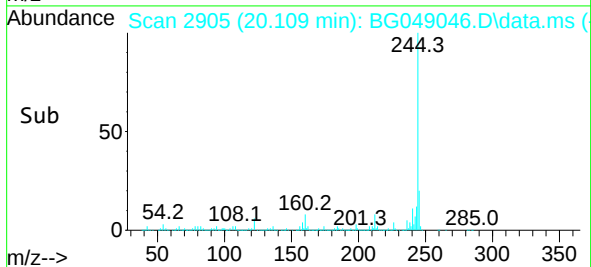
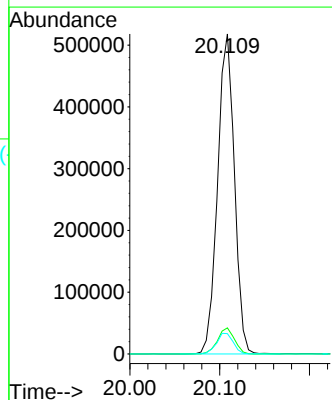
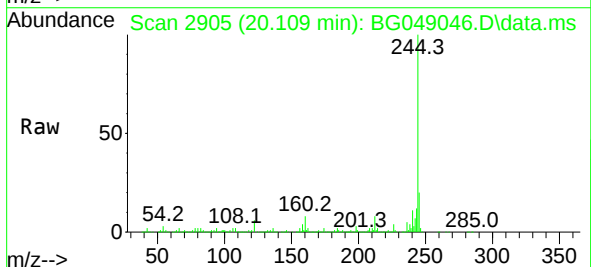
Instrument :
 BNA_G
 ClientSampleId :
 SB-11

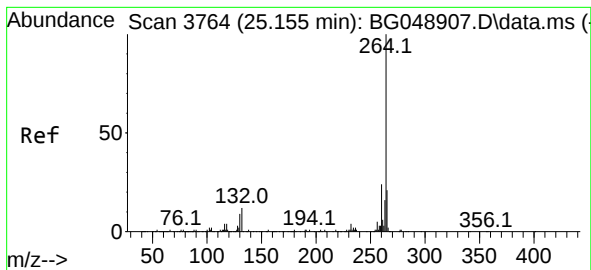
Tgt Ion:202 Resp: 44484
 Ion Ratio Lower Upper
 202 100
 200 18.5 15.8 23.8
 203 18.9 14.6 21.8



#79
 Terphenyl-d14
 Concen: 49.849 ng
 RT: 20.109 min Scan# 2905
 Delta R.T. -0.003 min
 Lab File: BG049046.D
 Acq: 22 Jun 2021 15:11

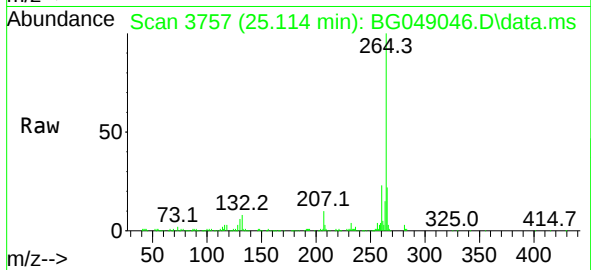
Tgt Ion:244 Resp: 673051
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.114 min Scan# 3757
 Delta R.T. -0.015 min
 Lab File: BG049046.D
 Acq: 22 Jun 2021 15:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-11



Tgt Ion:264 Resp: 254111
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.7 16.9 25.3

