

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048922.D
 Acq On : 12 Jun 2021 21:27
 Operator : CG/JU
 Sample : M2625-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(150-154)

Quant Time: Jun 14 03:17:26 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	8.123	152	33628	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	131701	20.000	ng	# 0.00
39) Acenaphthene-d10	14.762	164	98851	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	243994	20.000	ng	# 0.00
76) Chrysene-d12	21.807	240	252657	20.000	ng	-0.01
86) Perylene-d12	25.150	264	246141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	292090	135.212	ng	0.00
7) Phenol-d6	7.265	99	347152	107.219	ng	0.00
23) Nitrobenzene-d5	9.286	82	319203	104.509	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	199956	136.532	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	655690	93.703	ng	0.00
79) Terphenyl-d14	20.127	244	1275046	92.423	ng	0.00

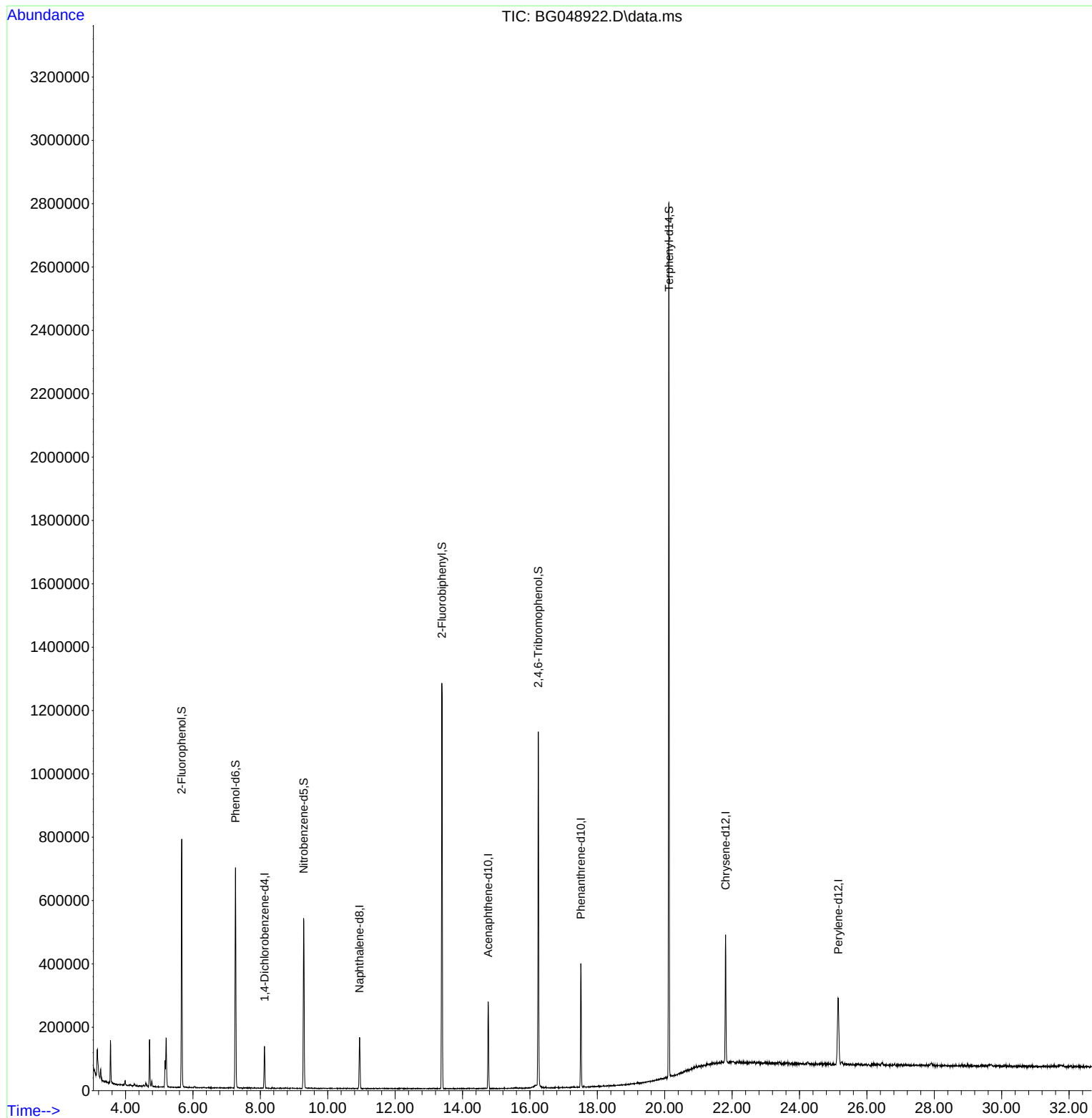
Target Compounds	Qvalue

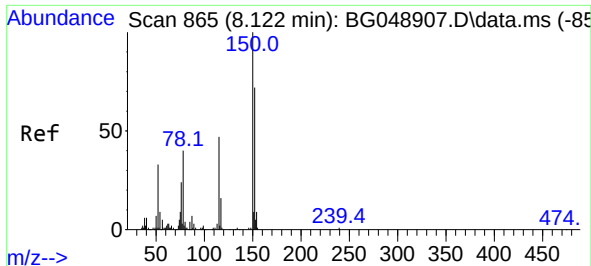
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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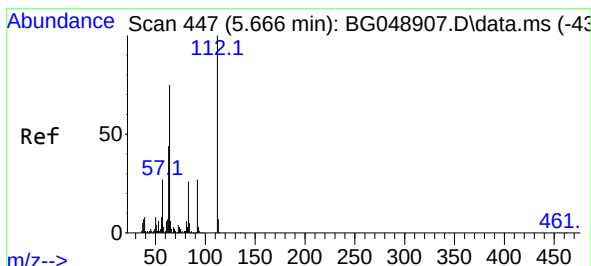
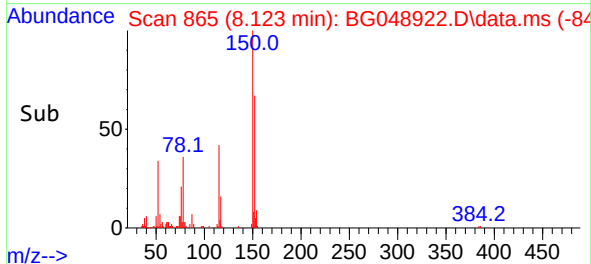
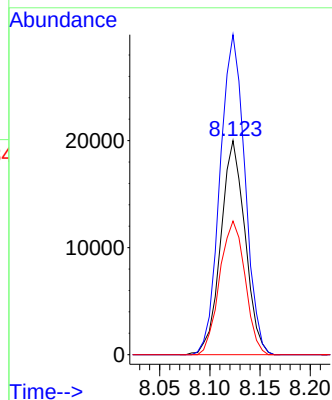
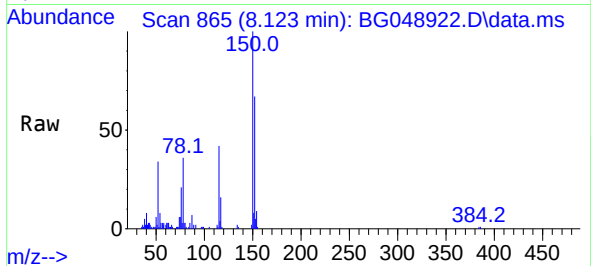




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

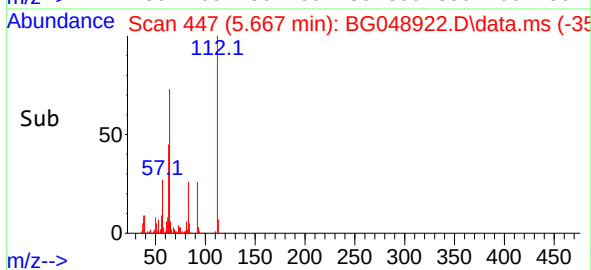
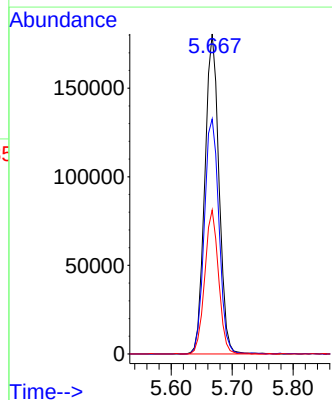
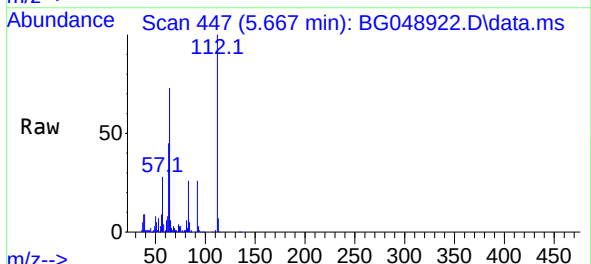
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

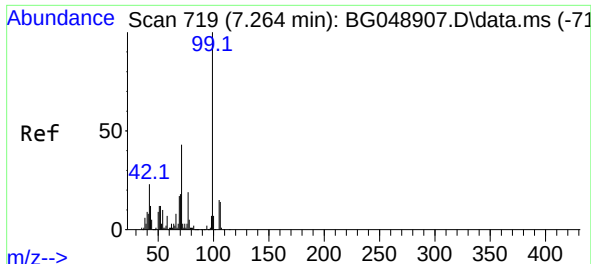
Tgt Ion:152 Resp: 33628
Ion Ratio Lower Upper
152 100
150 149.4 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 135.212 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:112 Resp: 292090
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 45.0 35.3 52.9



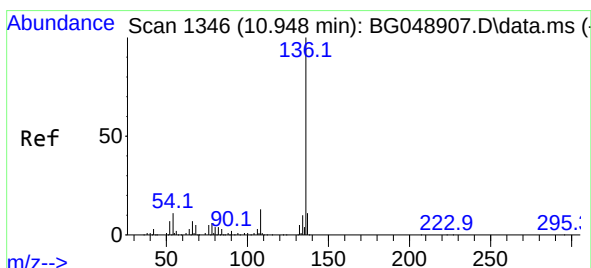
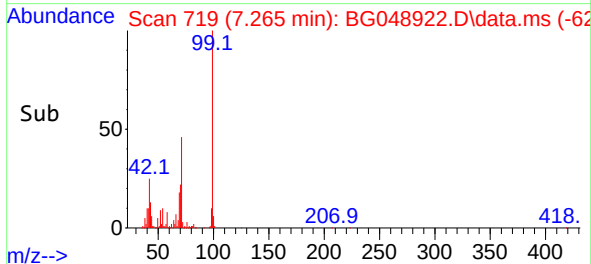
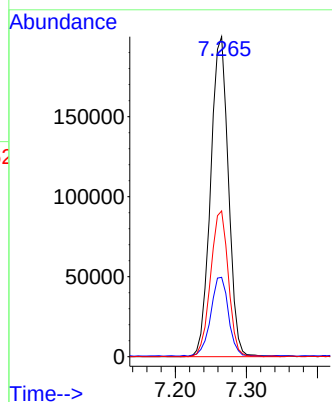
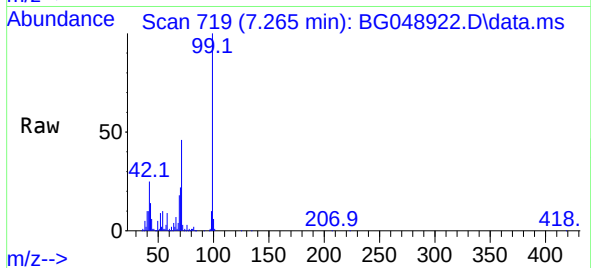


#7
Phenol-d6
Concen: 107.219 ng
RT: 7.265 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

Tgt Ion: 99 Resp: 347152

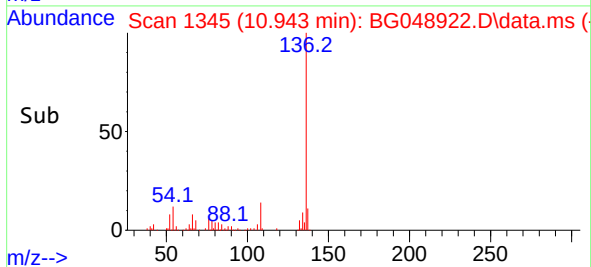
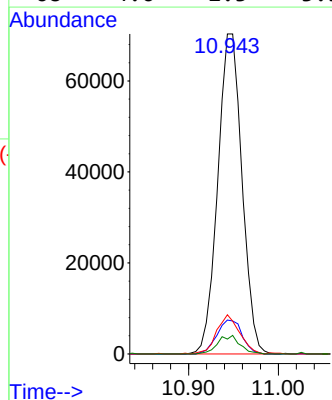
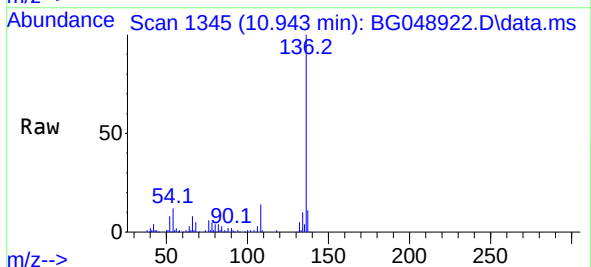
Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.5	30.7
71	45.5	41.5	62.3

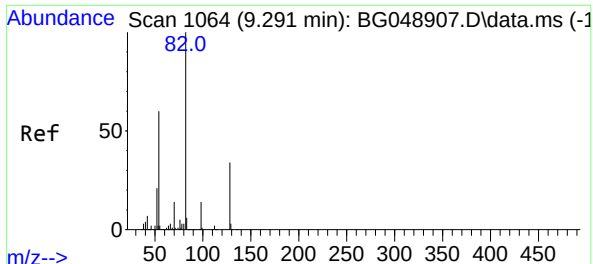


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion: 136 Resp: 131701

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	12.3	5.5	8.3#
68	4.6	2.3	3.5#

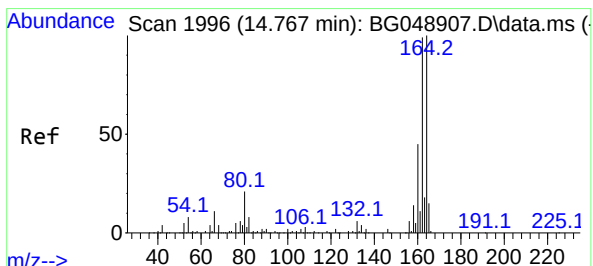
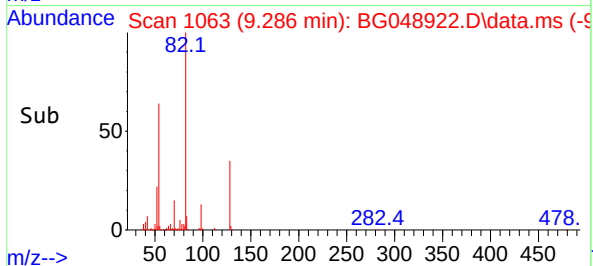
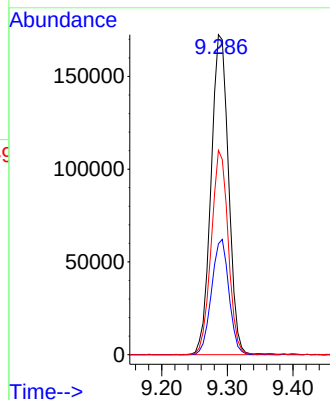
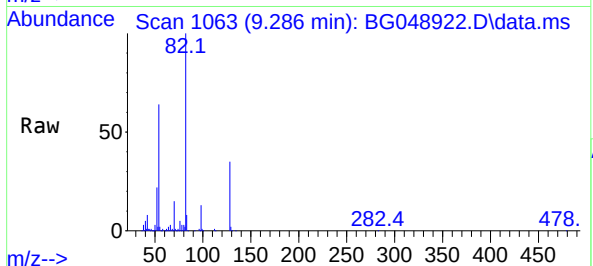




#23
Nitrobenzene-d5
Concen: 104.509 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

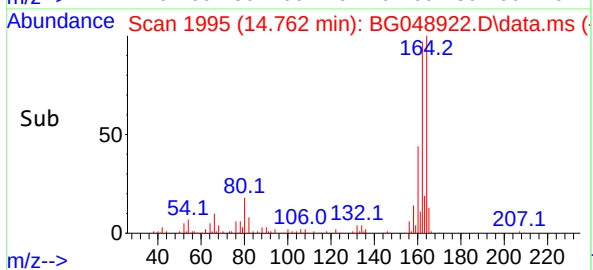
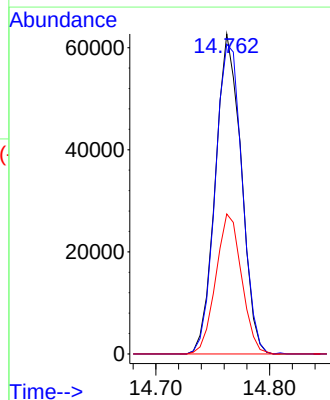
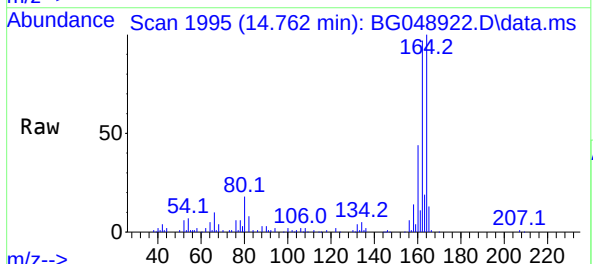
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

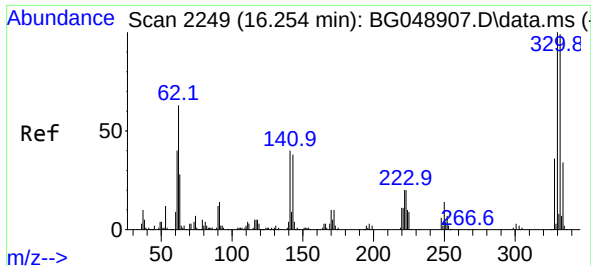
Tgt Ion:	82	Resp:	319203
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.8	44.6
54	63.9	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

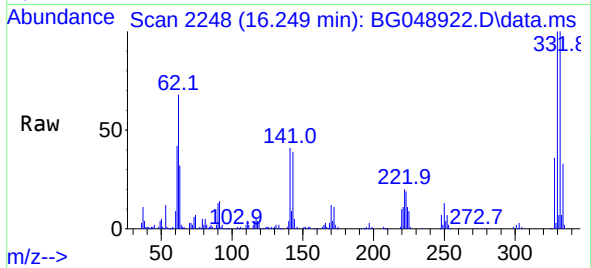
Tgt Ion:	164	Resp:	98851
Ion	Ratio	Lower	Upper
164	100		
162	96.8	81.4	122.0
160	43.8	34.9	52.3



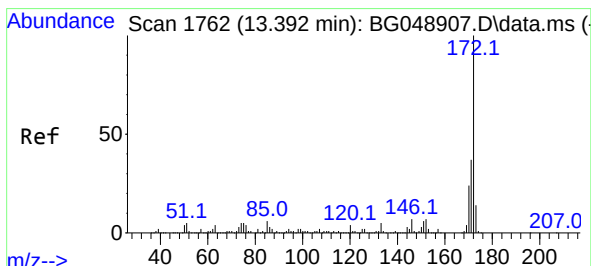
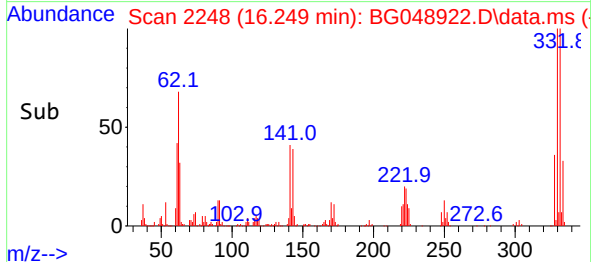
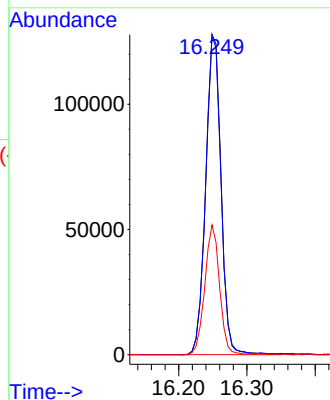


#42
2,4,6-Tribromophenol
Concen: 136.532 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

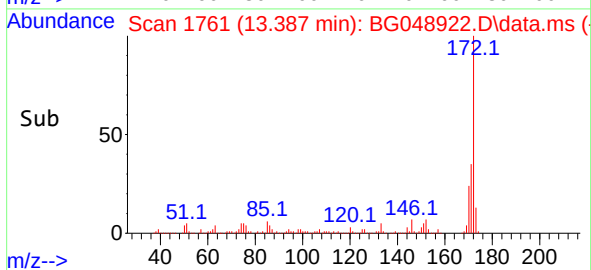
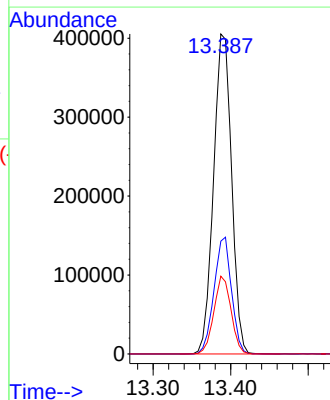
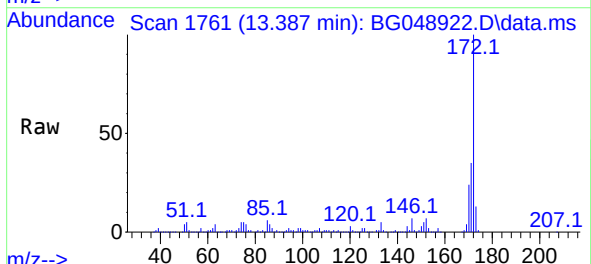


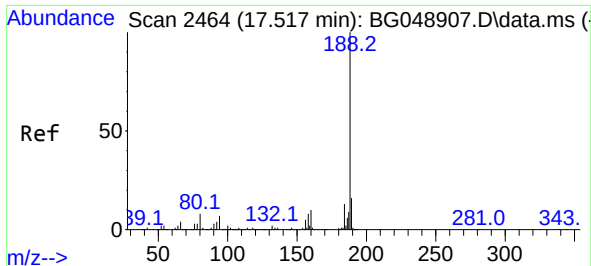
Tgt Ion:330 Resp: 199956
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 39.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 93.703 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:172 Resp: 655690
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.3 18.6 27.8

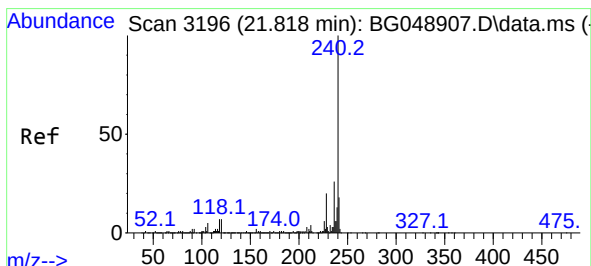
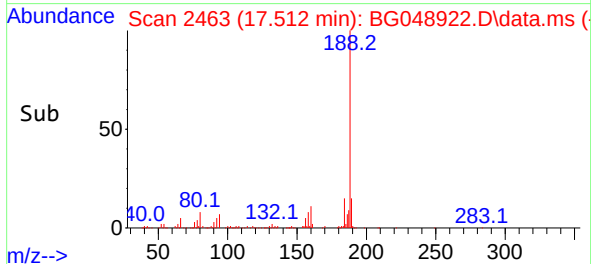
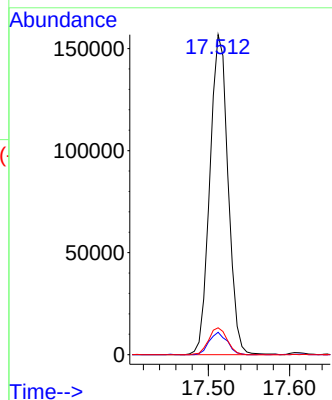
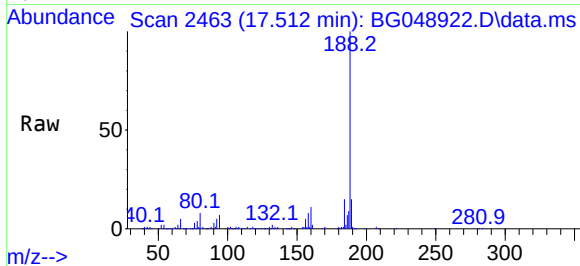




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

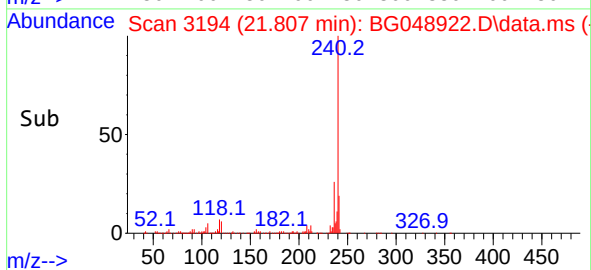
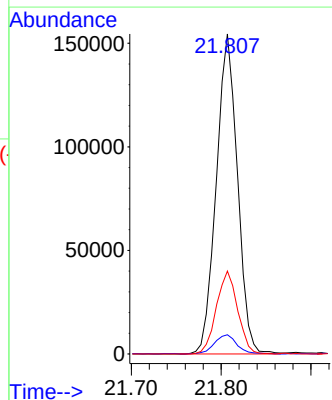
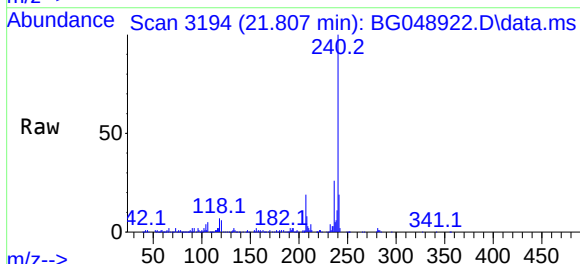
Instrument :
BNA_G
ClientSampleId :
18-B12(150-154)

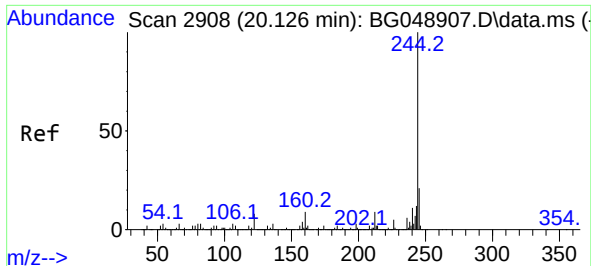
Tgt Ion:188 Resp: 243994
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048922.D
Acq: 12 Jun 2021 21:27

Tgt Ion:240 Resp: 252657
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 25.9 21.8 32.6

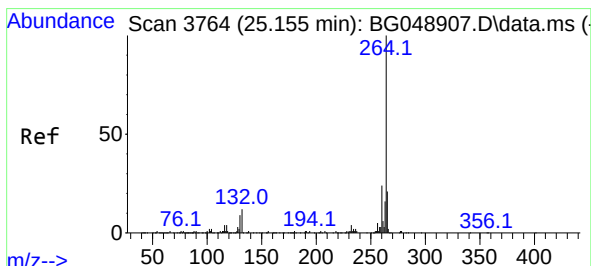
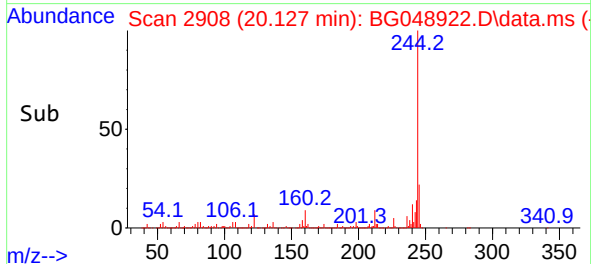
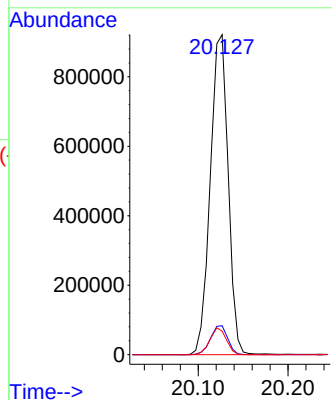
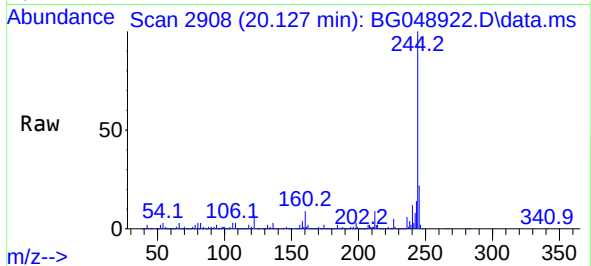




#79
 Terphenyl-d14
 Concen: 92.423 ng
 RT: 20.127 min Scan# 2908
 Delta R.T. 0.001 min
 Lab File: BG048922.D
 Acq: 12 Jun 2021 21:27

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(150-154)

Tgt Ion:244 Resp: 1275046
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 7.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.150 min Scan# 3763
 Delta R.T. -0.005 min
 Lab File: BG048922.D
 Acq: 12 Jun 2021 21:27

Tgt Ion:264 Resp: 246141
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.5 16.9 25.3

