

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048921.D
 Acq On : 12 Jun 2021 20:46
 Operator : CG/JU
 Sample : M2625-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(146-150)

Quant Time: Jun 14 03:17:13 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	8.124	152	35439	20.000	ng	0.00
21) Naphthalene-d8	10.944	136	147339	20.000	ng	# 0.00
39) Acenaphthene-d10	14.763	164	109598	20.000	ng	0.00
64) Phenanthrene-d10	17.513	188	267118	20.000	ng	# 0.00
76) Chrysene-d12	21.808	240	260877	20.000	ng	0.00
86) Perylene-d12	25.145	264	261902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	300004	131.778	ng	0.00
7) Phenol-d6	7.266	99	354423	103.871	ng	0.00
23) Nitrobenzene-d5	9.287	82	343165	100.430	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	204097	125.694	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	693520	89.391	ng	0.00
79) Terphenyl-d14	20.122	244	1276256	89.596	ng	0.00

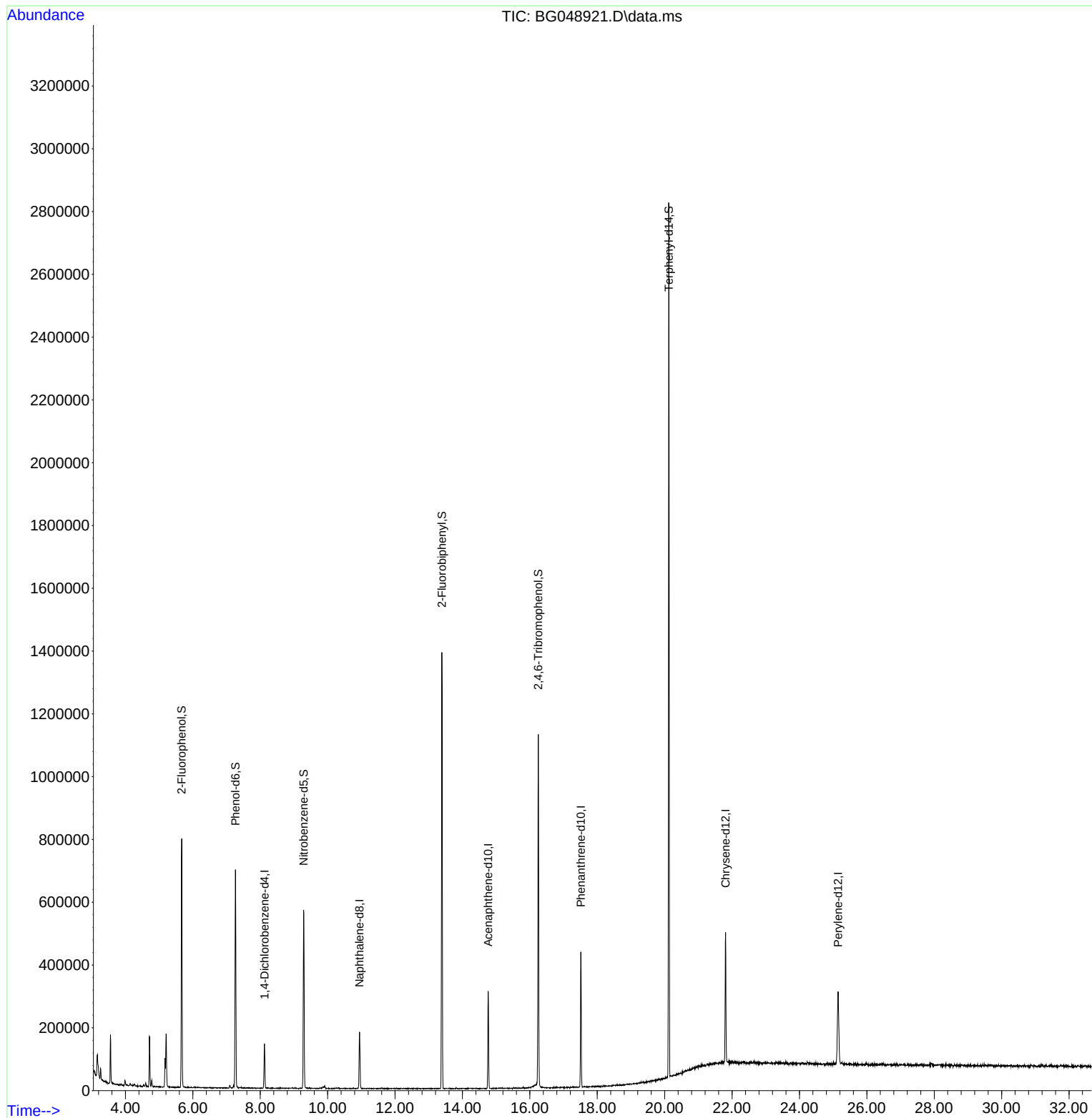
Target Compounds	Qvalue

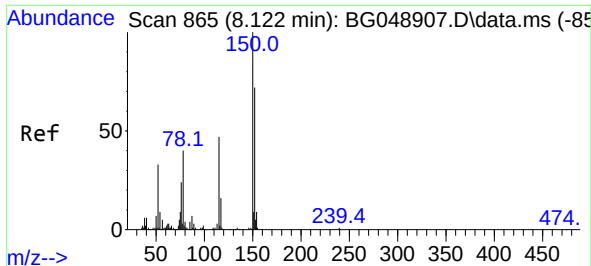
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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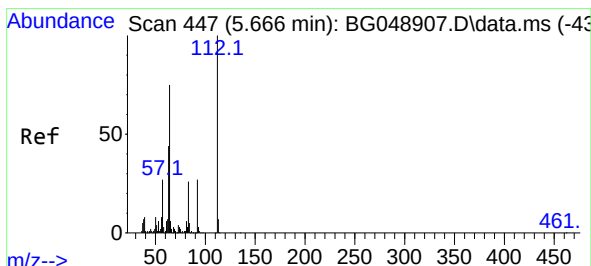
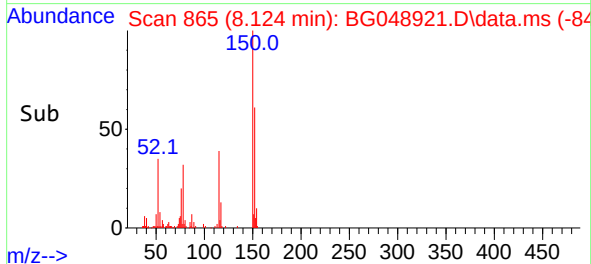
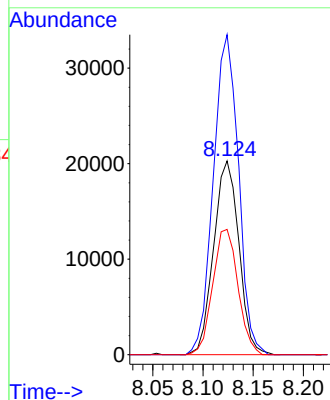
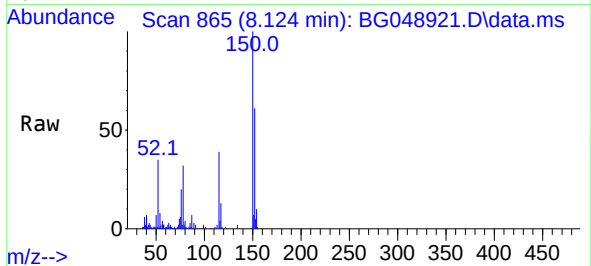




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.124 min Scan# 865
Delta R.T. 0.002 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

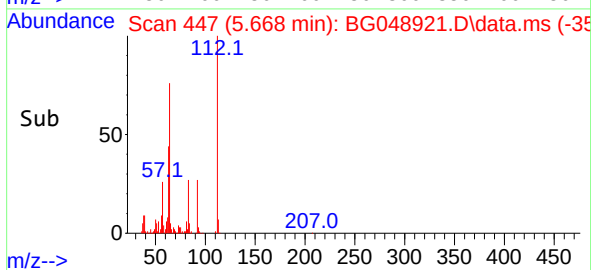
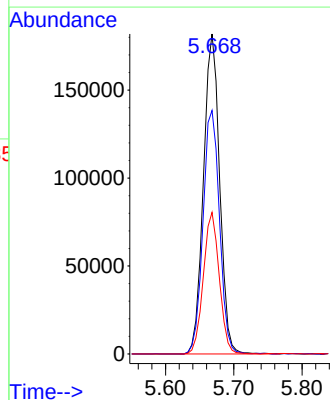
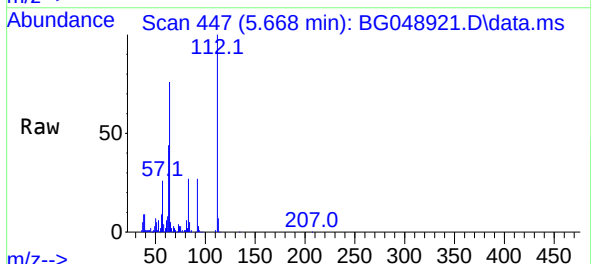
Instrument :
BNA_G
ClientSampleId :
18-B12(146-150)

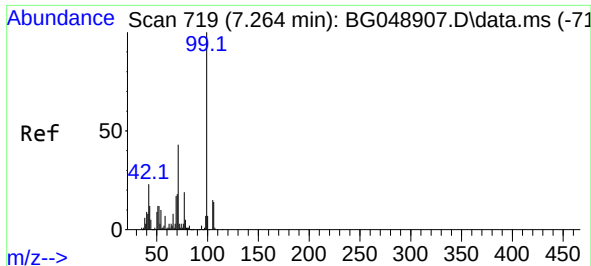
Tgt Ion:152 Resp: 35439
Ion Ratio Lower Upper
152 100
150 165.2 119.4 179.0
115 64.7 60.2 90.4



#5
2-Fluorophenol
Concen: 131.778 ng
RT: 5.668 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

Tgt Ion:112 Resp: 300004
Ion Ratio Lower Upper
112 100
64 76.1 46.7 70.1#
63 44.2 35.3 52.9



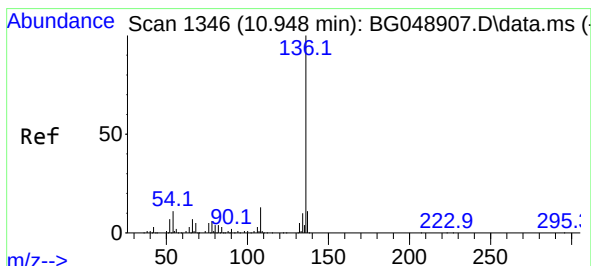
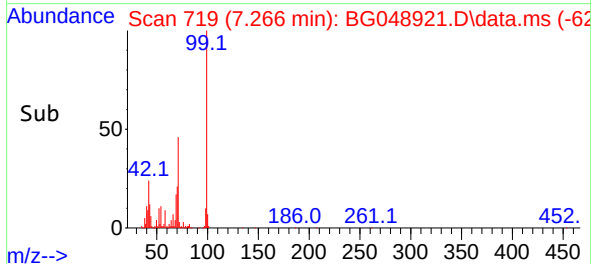
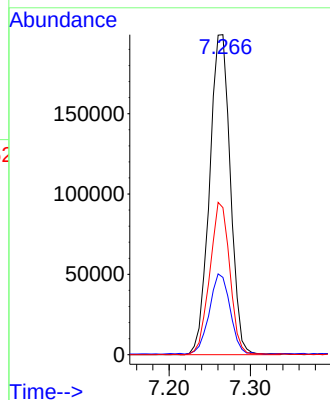
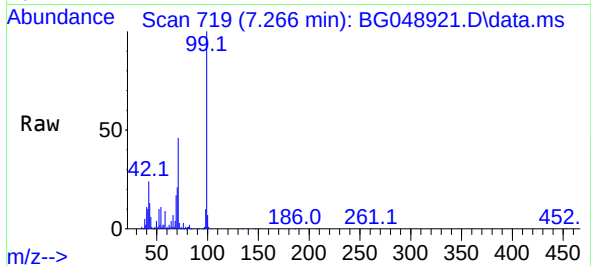


#7
Phenol-d6
Concen: 103.871 ng
RT: 7.266 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

Instrument :
BNA_G
ClientSampleId :
18-B12(146-150)

Tgt Ion: 99 Resp: 354423

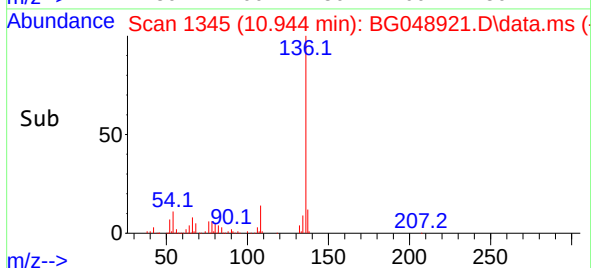
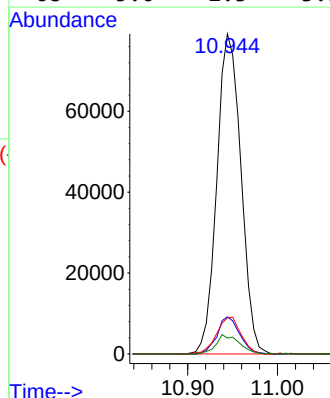
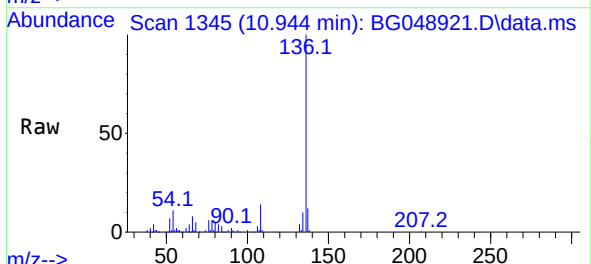
Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.5	30.7
71	45.9	41.5	62.3

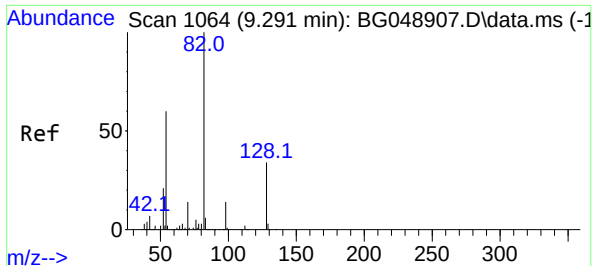


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

Tgt Ion: 136 Resp: 147339

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	11.3	5.5	8.3#
68	5.0	2.3	3.5#

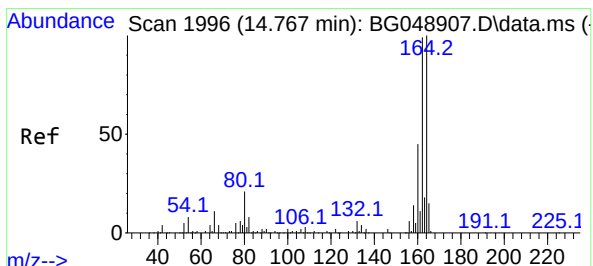
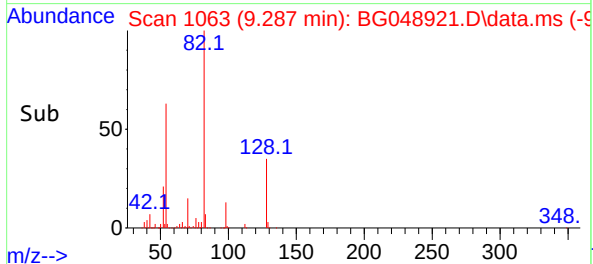
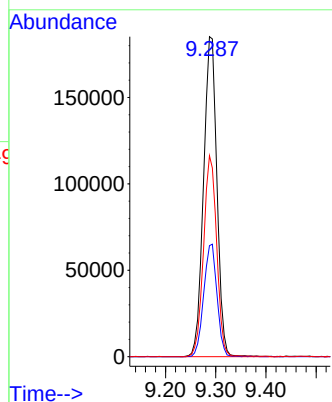
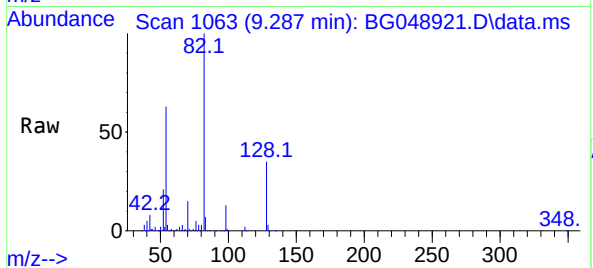




#23
Nitrobenzene-d5
Concen: 100.430 ng
RT: 9.287 min Scan# 1063
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

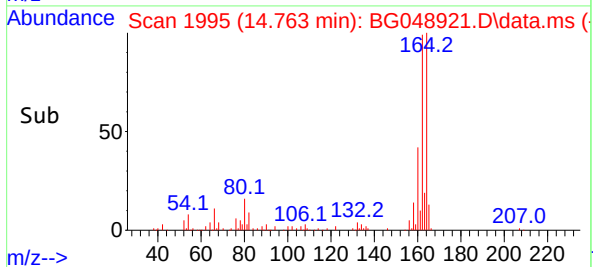
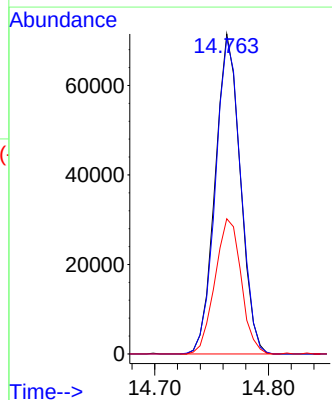
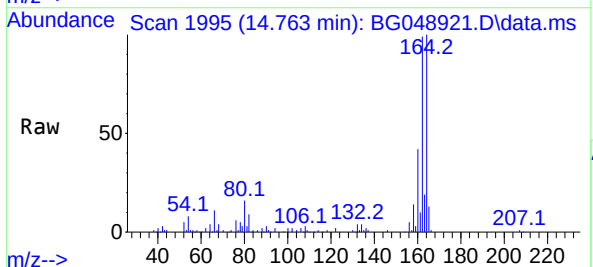
Instrument :
BNA_G
ClientSampleId :
18-B12(146-150)

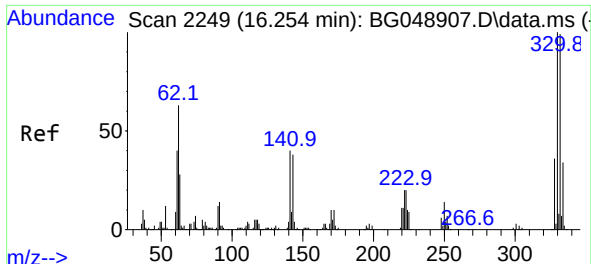
Tgt Ion: 82 Resp: 343165
Ion Ratio Lower Upper
82 100
128 34.7 29.8 44.6
54 62.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

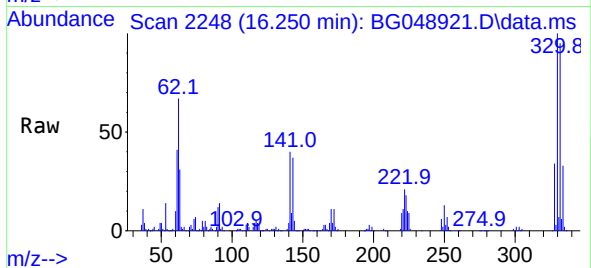
Tgt Ion:164 Resp: 109598
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 42.3 34.9 52.3



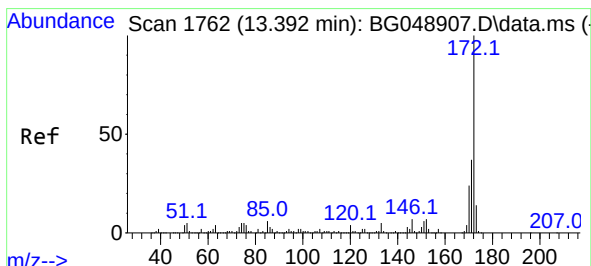
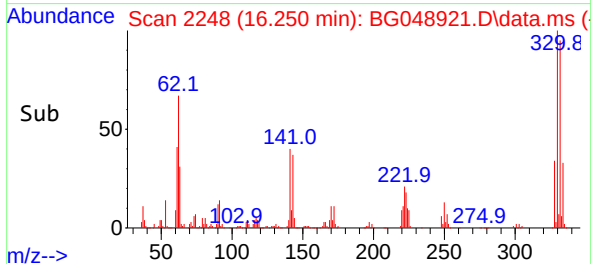
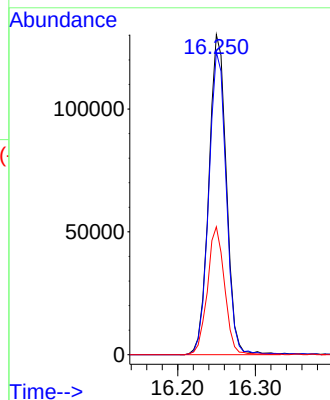


#42
2,4,6-Tribromophenol
Concen: 125.694 ng
RT: 16.250 min Scan# 2248
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

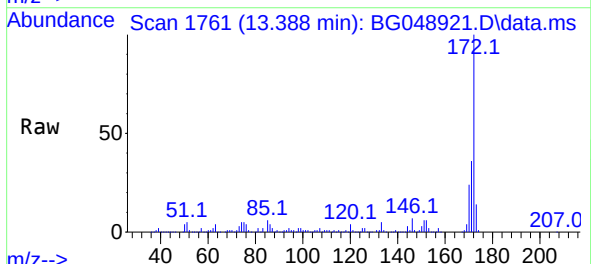
Instrument :
BNA_G
ClientSampleId :
18-B12(146-150)



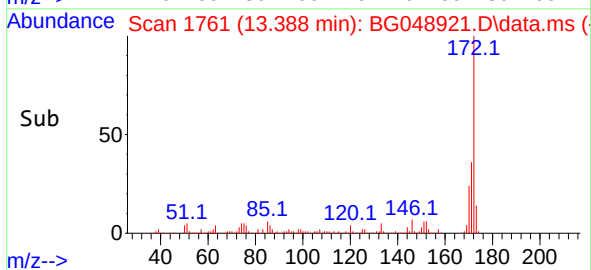
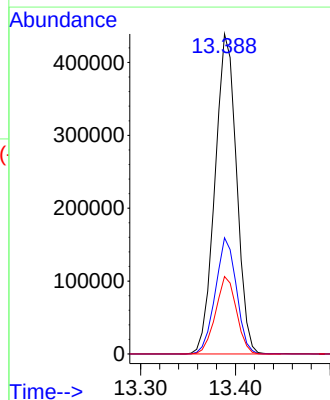
Tgt Ion:330 Resp: 204097
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 39.2 35.6 53.4

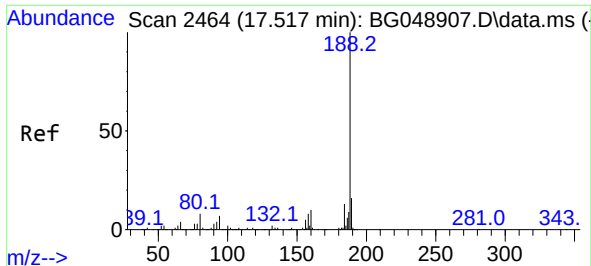


#45
2-Fluorobiphenyl
Concen: 89.391 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46



Tgt Ion:172 Resp: 693520
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 18.6 27.8

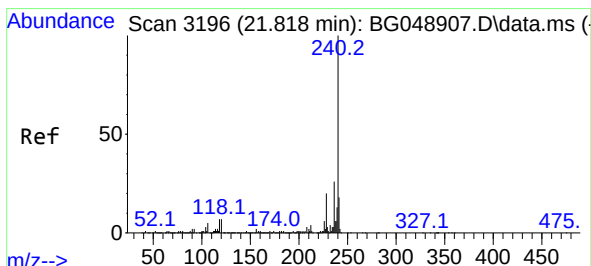
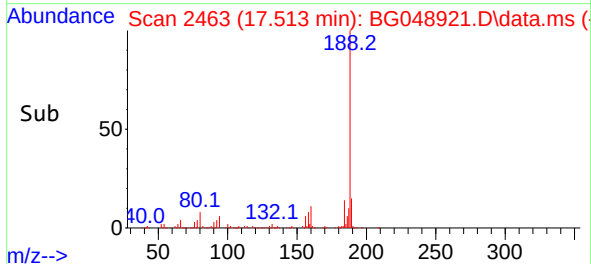
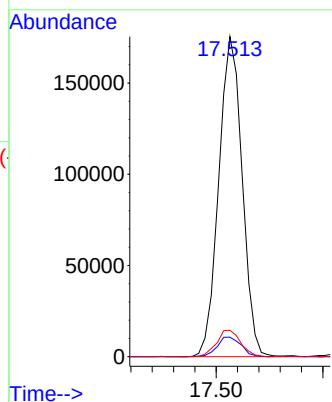
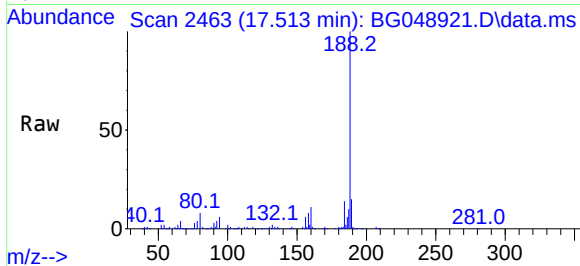




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.513 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

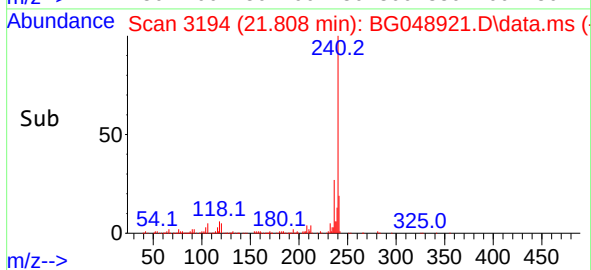
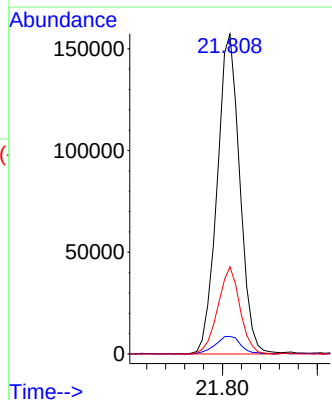
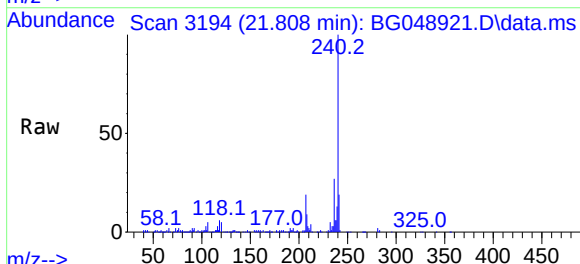
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18-B12(146-150)

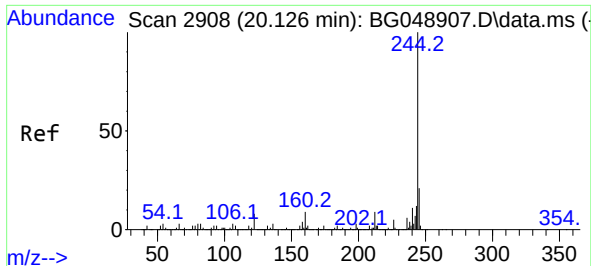
Tgt Ion:188 Resp: 267118
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.808 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG048921.D
Acq: 12 Jun 2021 20:46

Tgt Ion:240 Resp: 260877
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 27.2 21.8 32.6

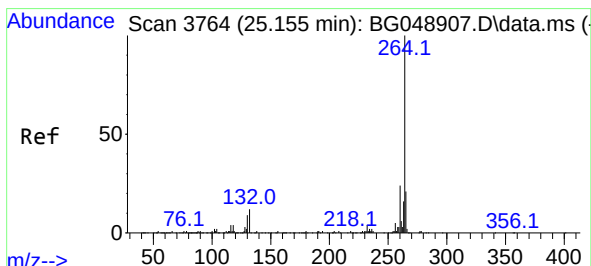
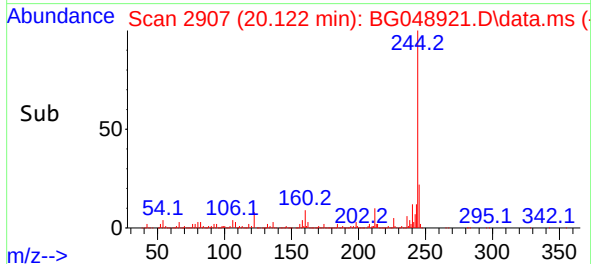
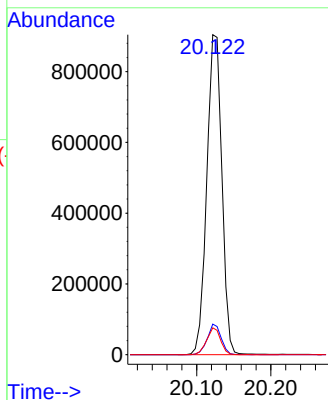
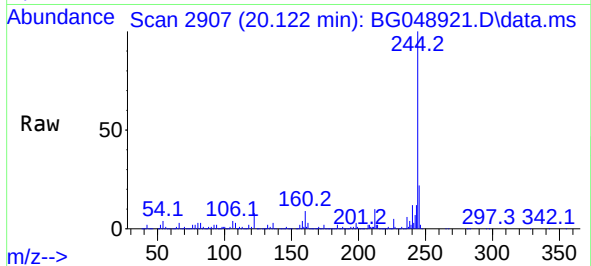




#79
 Terphenyl-d14
 Concen: 89.596 ng
 RT: 20.122 min Scan# 2907
 Delta R.T. -0.004 min
 Lab File: BG048921.D
 Acq: 12 Jun 2021 20:46

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(146-150)

Tgt Ion:244 Resp: 1276256
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.9 10.3
 122 8.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.145 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG048921.D
 Acq: 12 Jun 2021 20:46

Tgt Ion:264 Resp: 261902
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.0 16.9 25.3

