

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048933.D
 Acq On : 13 Jun 2021 8:24
 Operator : CG/JU
 Sample : M2625-32
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(182-186)

Quant Time: Jun 14 03:19:11 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	36870	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	152696	20.000	ng	# 0.00
39) Acenaphthene-d10	14.762	164	112470	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	262368	20.000	ng	# 0.00
76) Chrysene-d12	21.801	240	263598	20.000	ng	-0.02
86) Perylene-d12	25.138	264	263492	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	285015	120.335	ng	0.00
7) Phenol-d6	7.259	99	340155	95.820	ng	0.00
23) Nitrobenzene-d5	9.286	82	311365	87.926	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	204328	122.623	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	626055	78.635	ng	0.00
79) Terphenyl-d14	20.121	244	1181600	82.095	ng	0.00

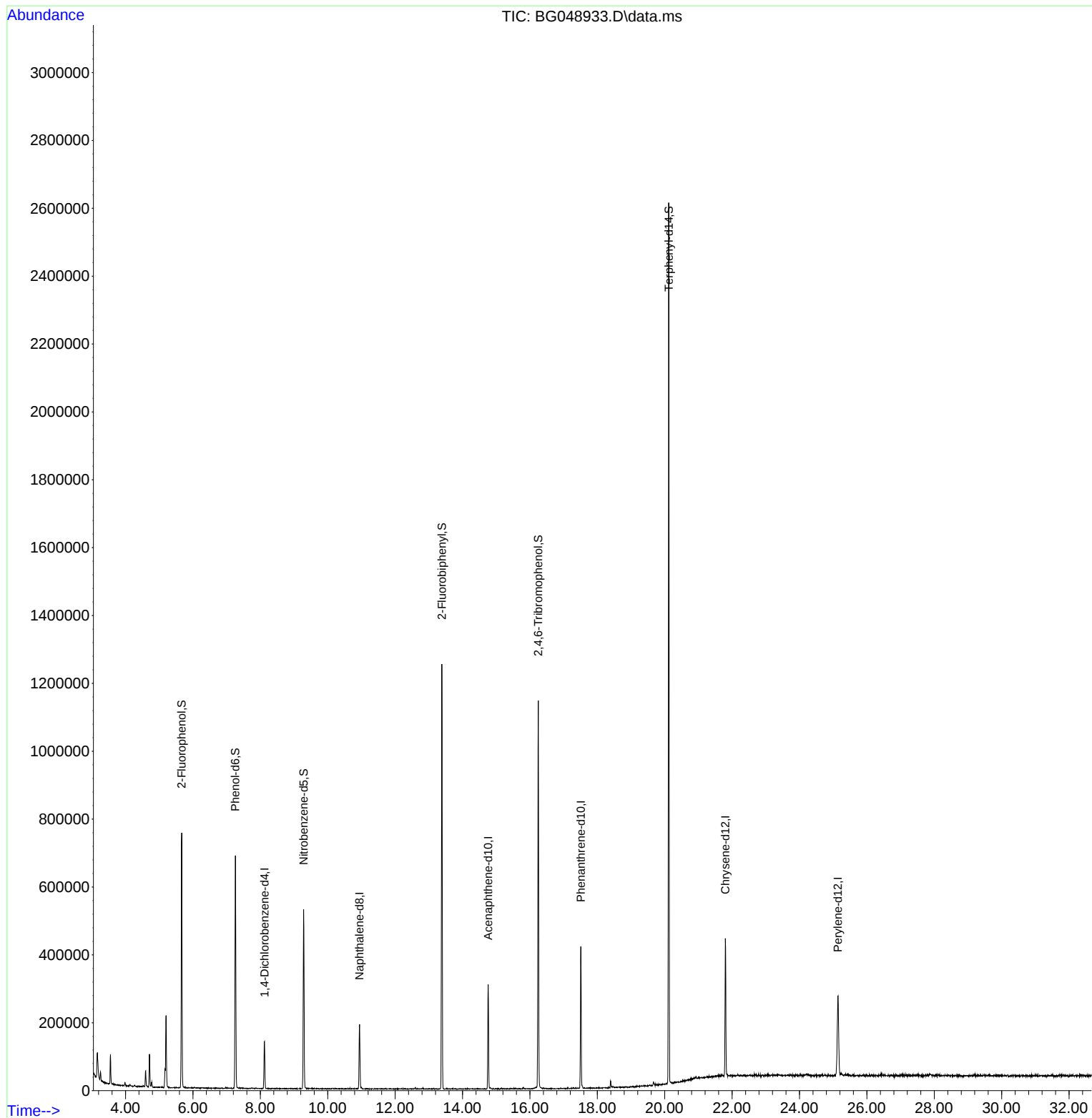
Target Compounds	Qvalue

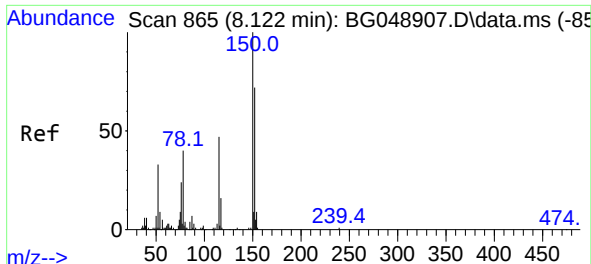
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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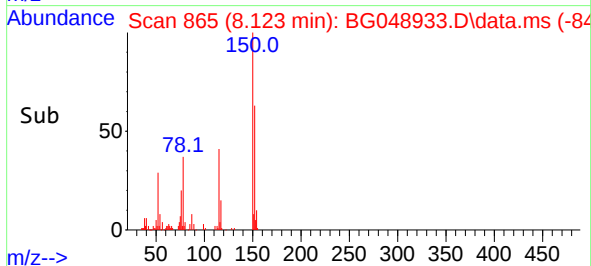
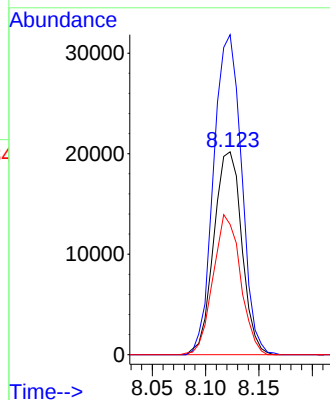
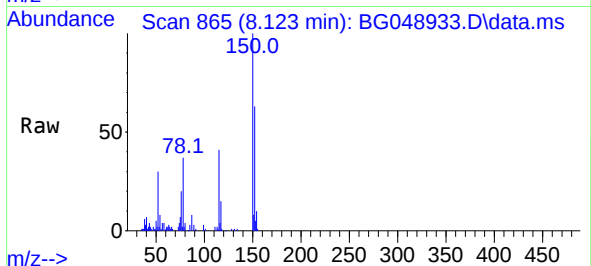




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

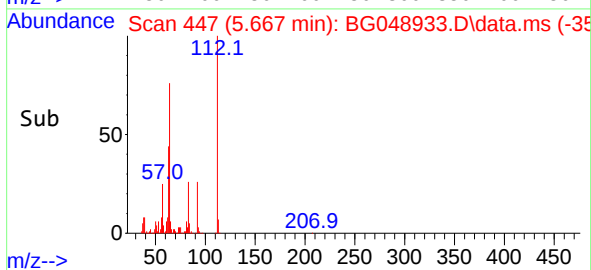
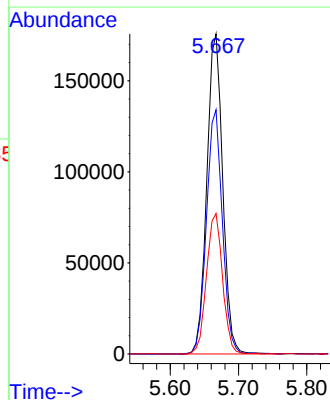
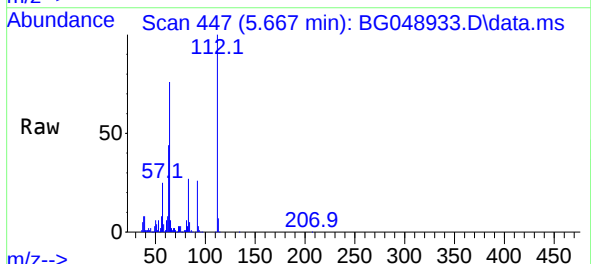
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

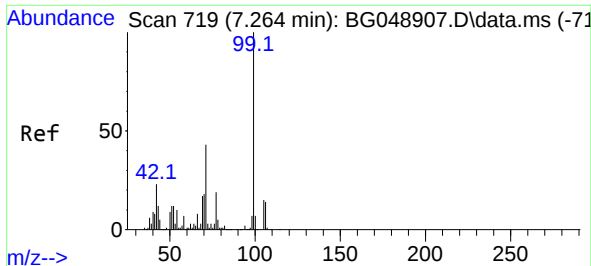
Tgt Ion:152 Resp: 36870
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 64.2 60.2 90.4



#5
2-Fluorophenol
Concen: 120.335 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:112 Resp: 285015
Ion Ratio Lower Upper
112 100
64 76.3 46.7 70.1#
63 43.9 35.3 52.9

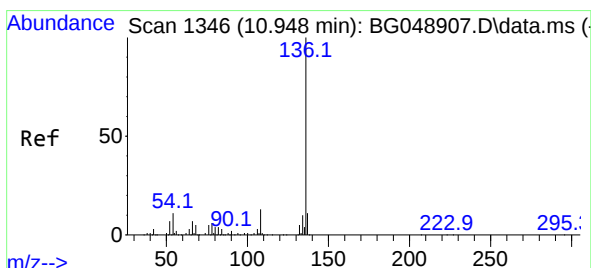
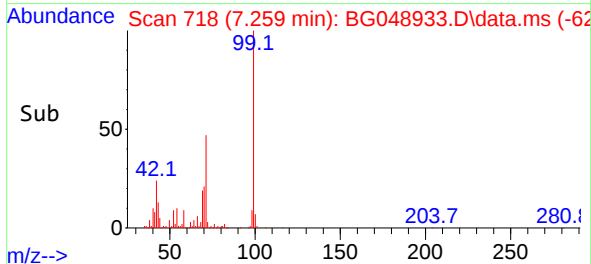
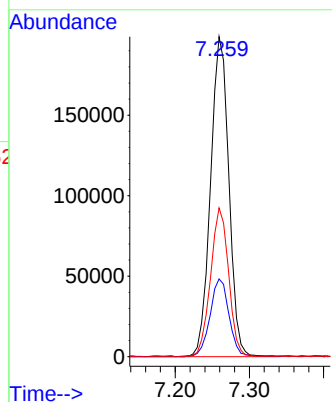
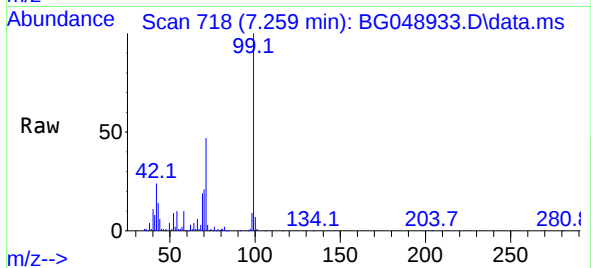




#7
Phenol-d6
Concen: 95.820 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

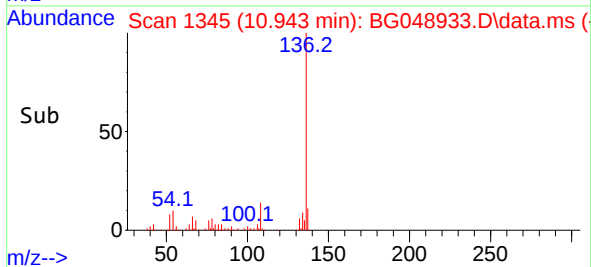
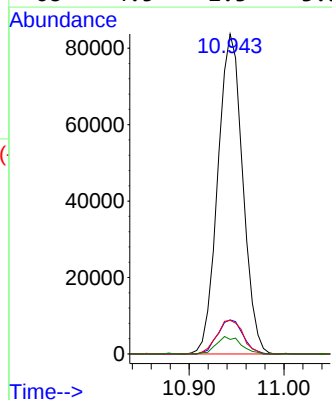
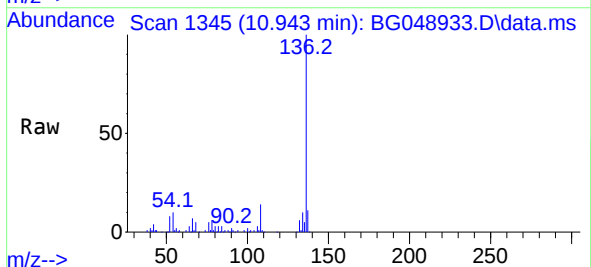
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

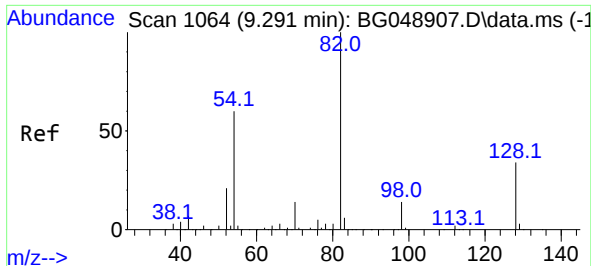
Tgt Ion: 99 Resp: 340155
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 46.5 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion: 136 Resp: 152696
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 10.5 5.5 8.3#
68 4.5 2.3 3.5#



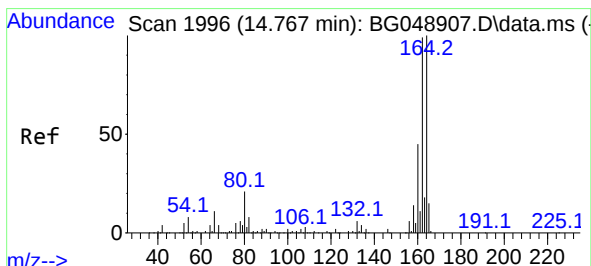
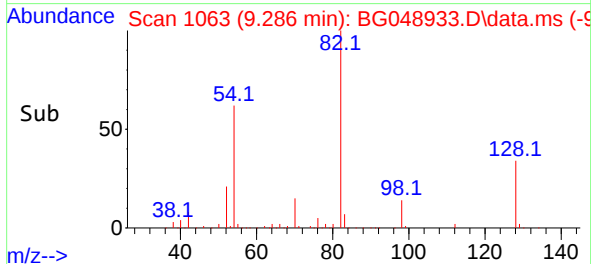
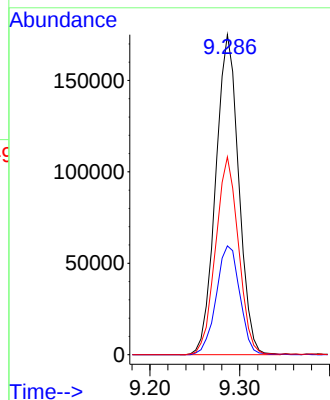
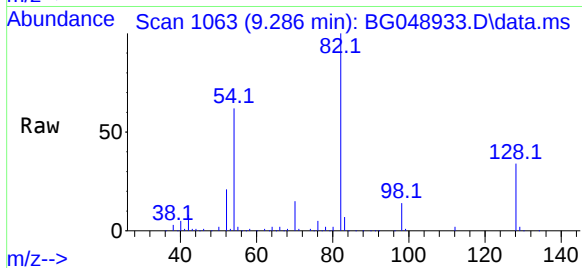


#23
Nitrobenzene-d5
Concen: 87.926 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

Tgt Ion: 82 Resp: 311365

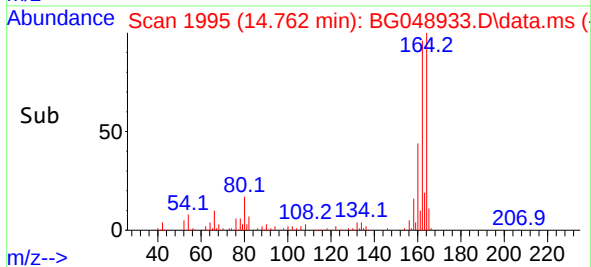
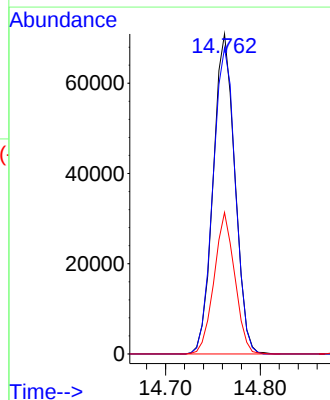
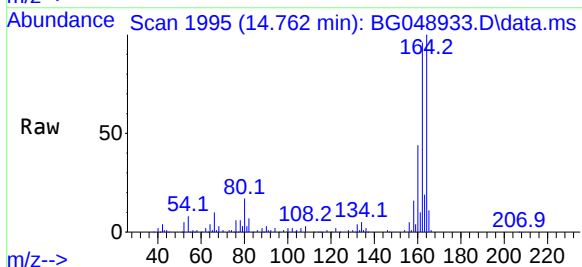
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.8	44.6
54	61.8	45.8	68.8

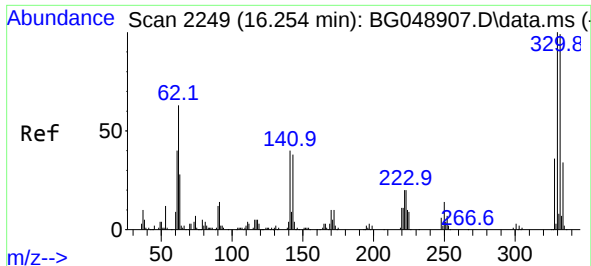


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion: 164 Resp: 112470

Ion	Ratio	Lower	Upper
164	100		
162	95.7	81.4	122.0
160	44.2	34.9	52.3

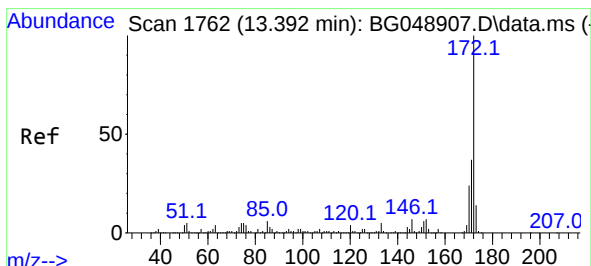
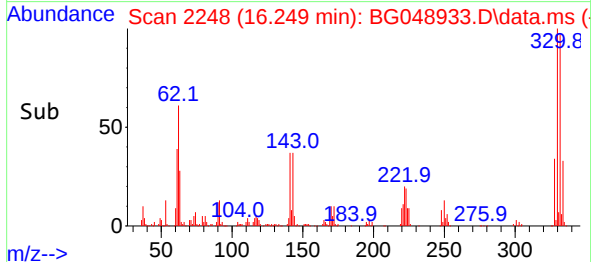
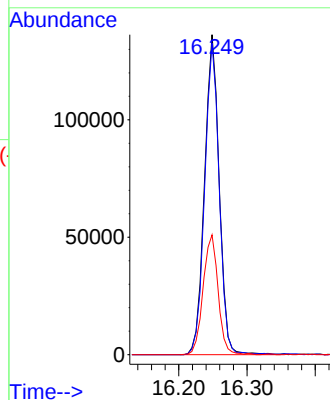
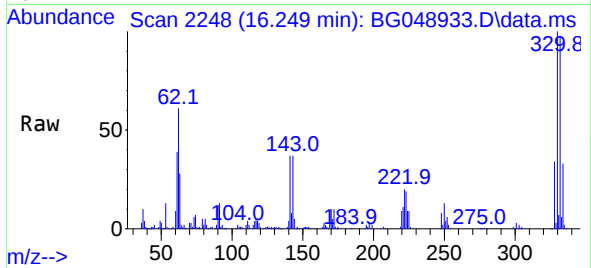




#42
2,4,6-Tribromophenol
Concen: 122.623 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

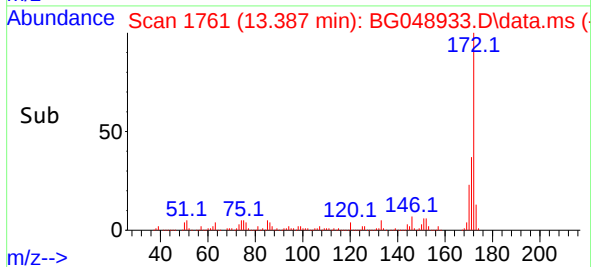
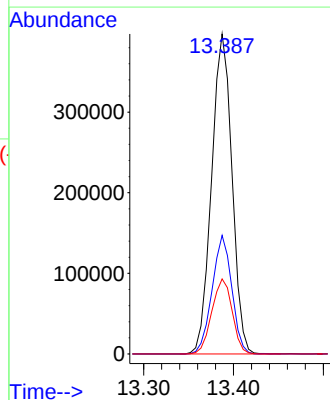
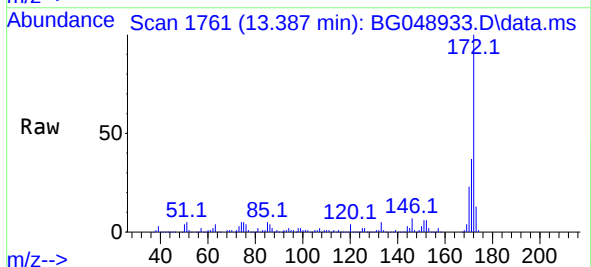
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

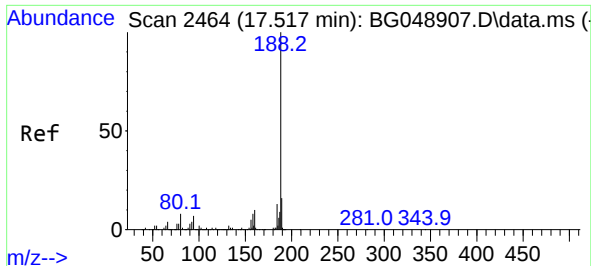
Tgt Ion:330 Resp: 204328
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 38.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:172 Resp: 626055
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.4 18.6 27.8

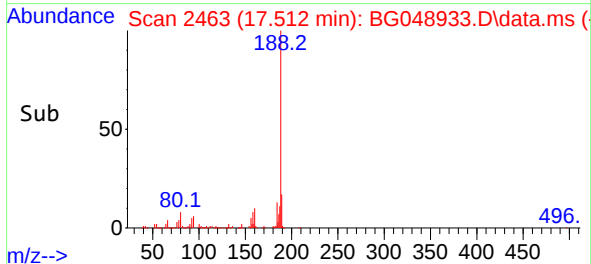
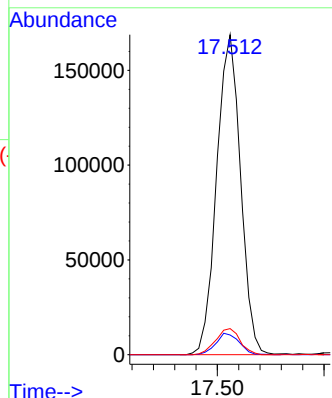
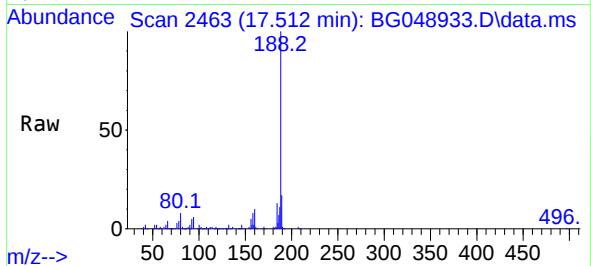




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

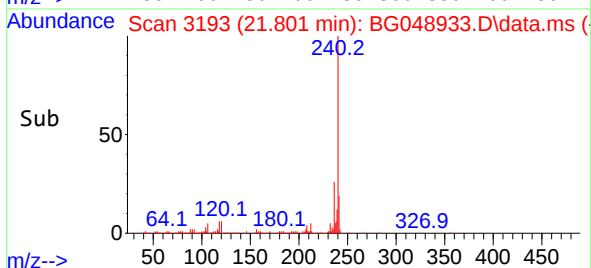
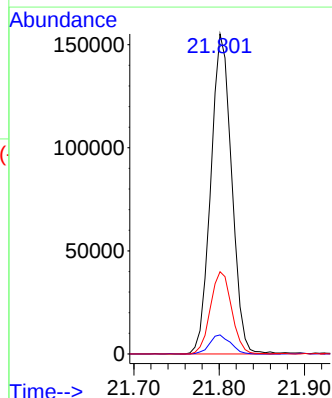
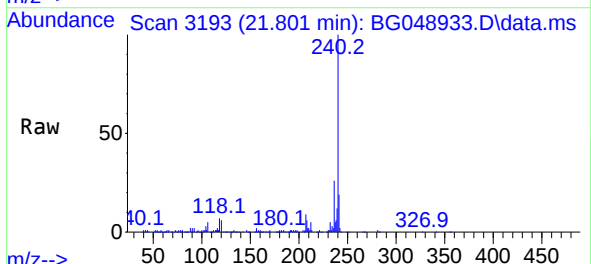
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

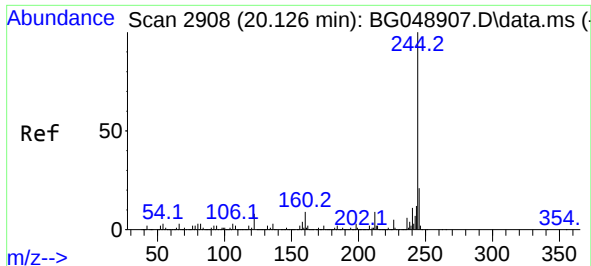
Tgt Ion:188 Resp: 262368
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:240 Resp: 263598
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 25.7 21.8 32.6

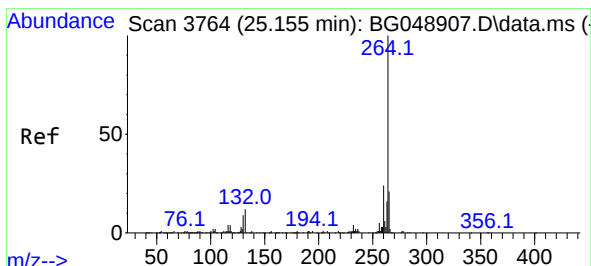
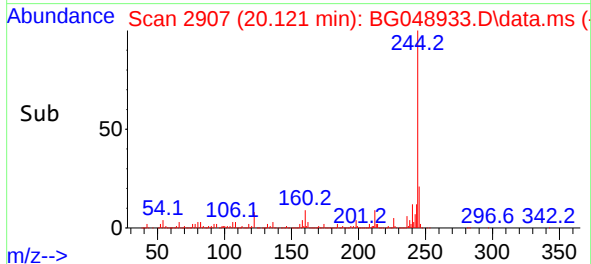
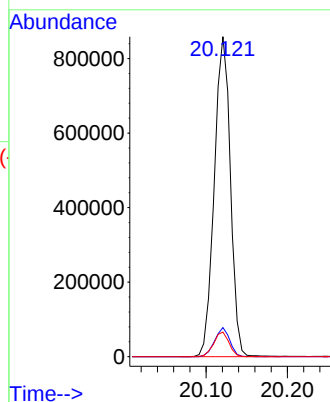
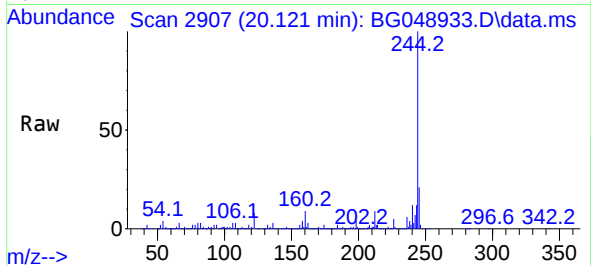




#79
Terphenyl-d14
Concen: 82.095 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

Tgt Ion:244 Resp: 1181600
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.7 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:264 Resp: 263492
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.2 16.9 25.3

