

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048925.D
 Acq On : 12 Jun 2021 23:31
 Operator : CG/JU
 Sample : M2625-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(162-166)

Quant Time: Jun 14 03:17:54 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	8.122	152	36160	20.000	ng	0.00
21) Naphthalene-d8	10.948	136	146537	20.000	ng	# 0.00
39) Acenaphthene-d10	14.767	164	107672	20.000	ng	0.00
64) Phenanthrene-d10	17.511	188	260980	20.000	ng	# 0.00
76) Chrysene-d12	21.806	240	272953	20.000	ng	#-0.01
86) Perylene-d12	25.143	264	267810	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	297190	127.939	ng	0.00
7) Phenol-d6	7.264	99	366356	105.227	ng	0.00
23) Nitrobenzene-d5	9.291	82	317781	93.510	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	198655	124.531	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	636535	83.514	ng	0.00
79) Terphenyl-d14	20.120	244	1173998	78.771	ng	0.00

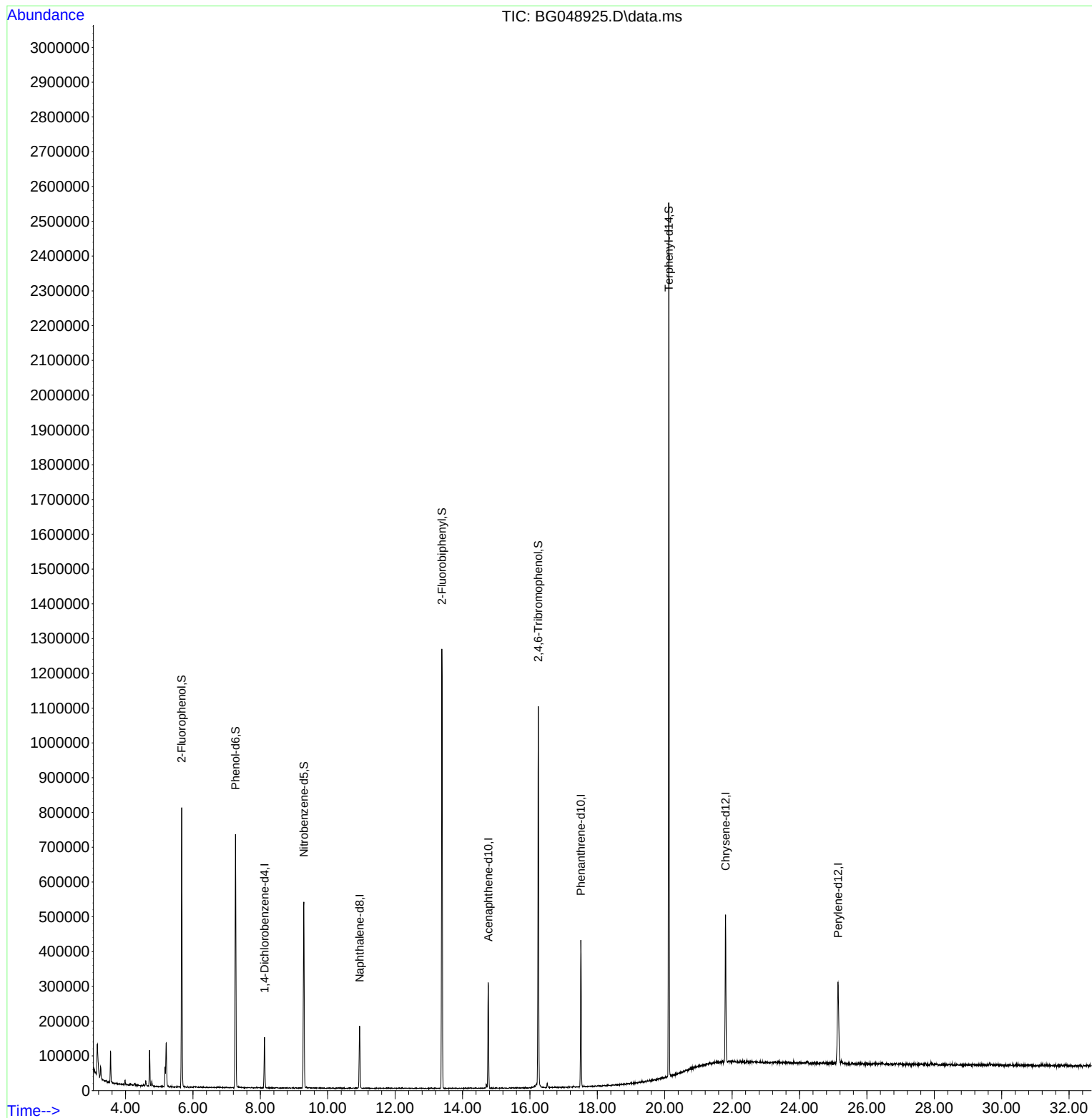
Target Compounds	Qvalue

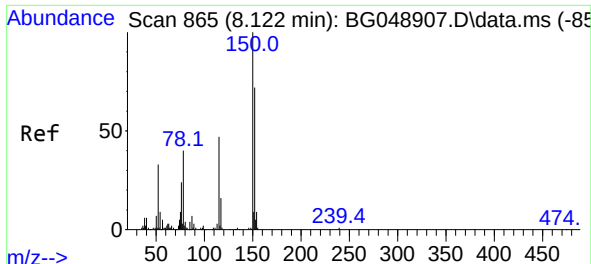
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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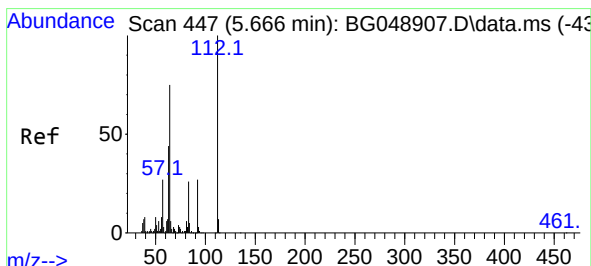
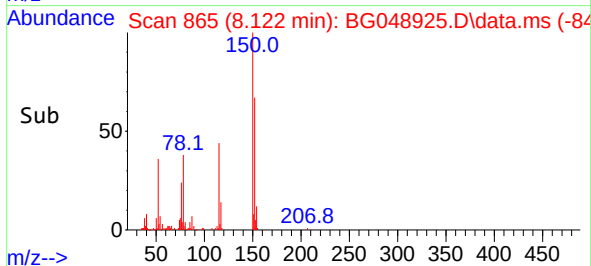
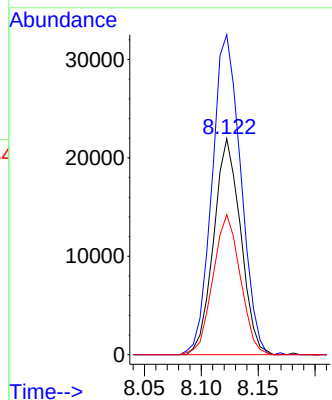
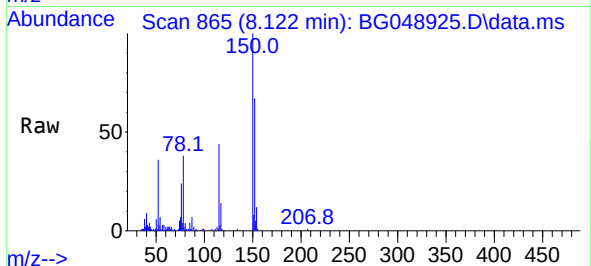




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

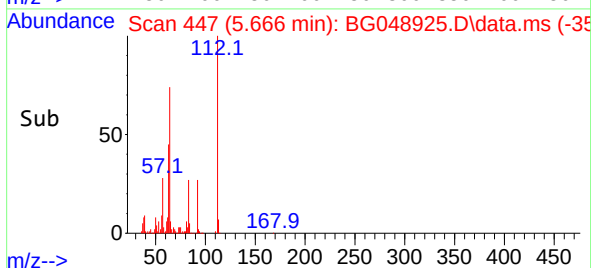
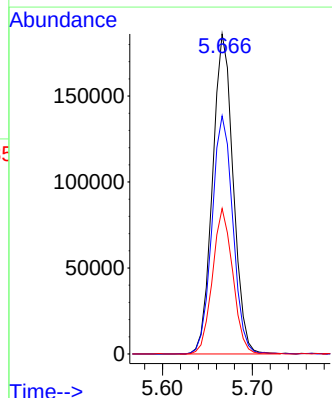
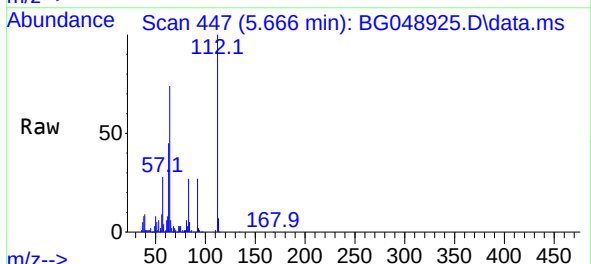
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

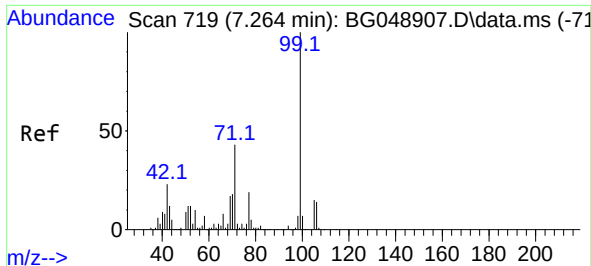
Tgt Ion:152 Resp: 36160
Ion Ratio Lower Upper
152 100
150 148.2 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 127.939 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:112 Resp: 297190
Ion Ratio Lower Upper
112 100
64 74.4 46.7 70.1#
63 45.5 35.3 52.9

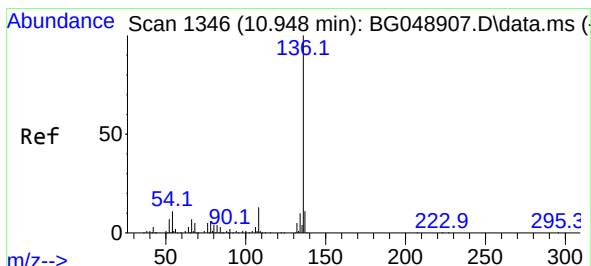
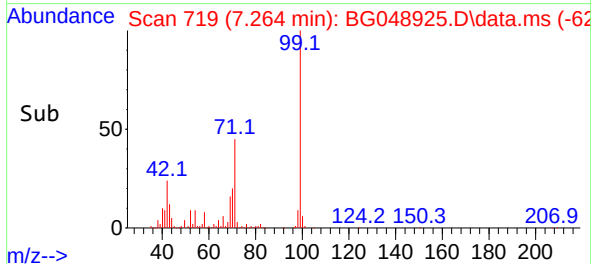
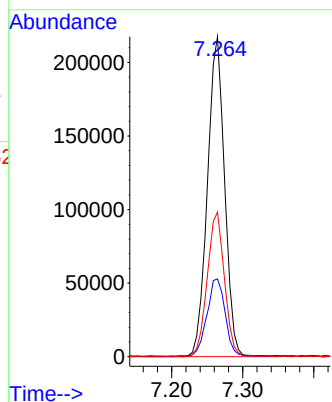
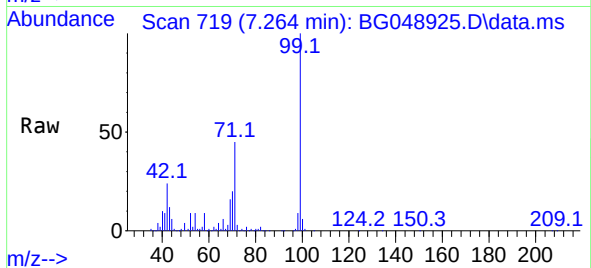




#7
Phenol-d6
Concen: 105.227 ng
RT: 7.264 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

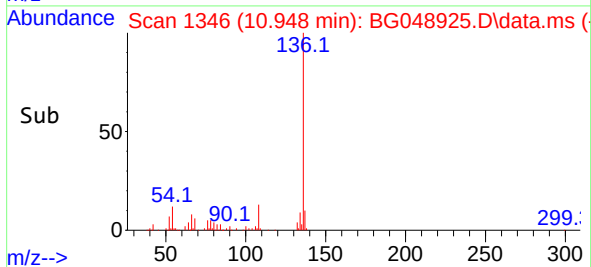
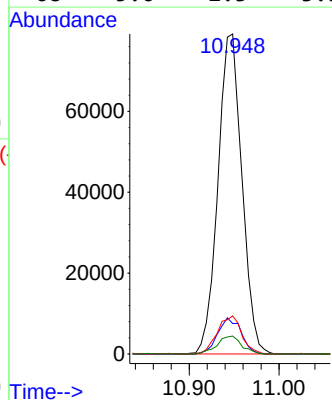
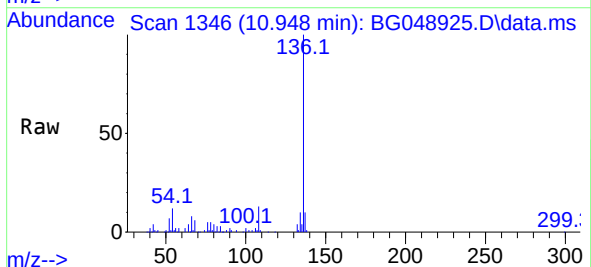
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

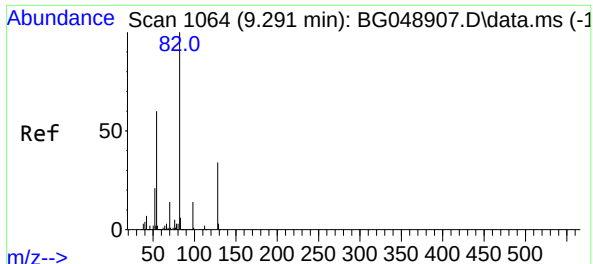
Tgt Ion: 99 Resp: 366356
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 45.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.948 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:136 Resp: 146537
Ion Ratio Lower Upper
136 100
137 9.5 8.2 12.2
54 11.9 5.5 8.3#
68 5.6 2.3 3.5#

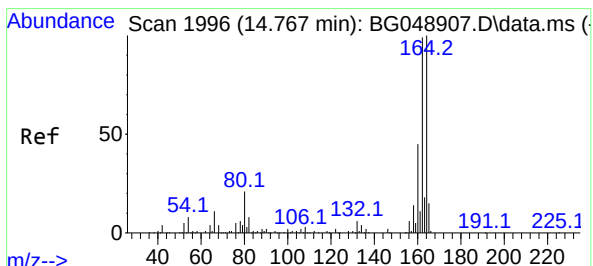
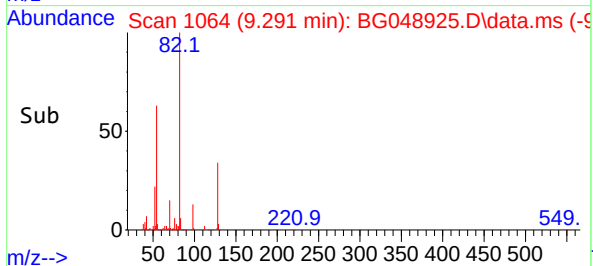
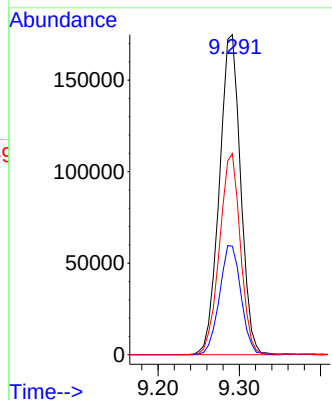
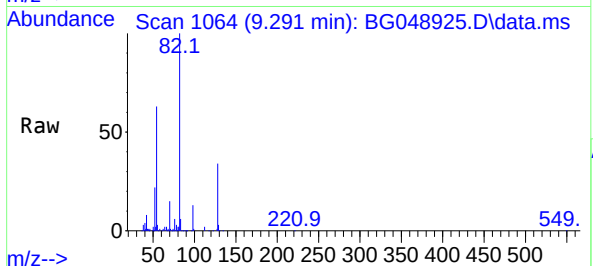




#23
Nitrobenzene-d5
Concen: 93.510 ng
RT: 9.291 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

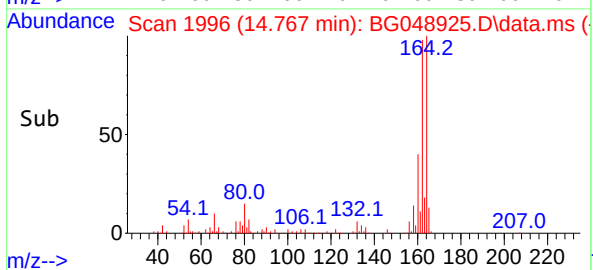
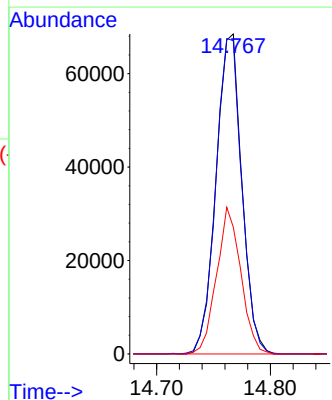
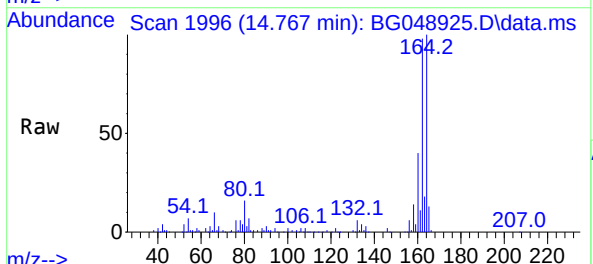
Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

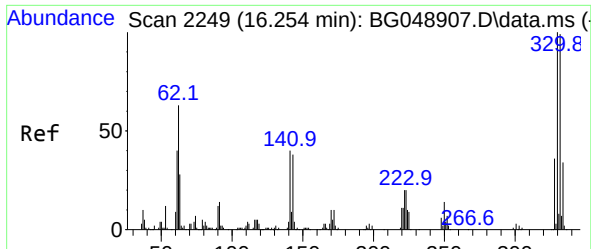
Tgt Ion: 82 Resp: 317781
Ion Ratio Lower Upper
82 100
128 33.9 29.8 44.6
54 62.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

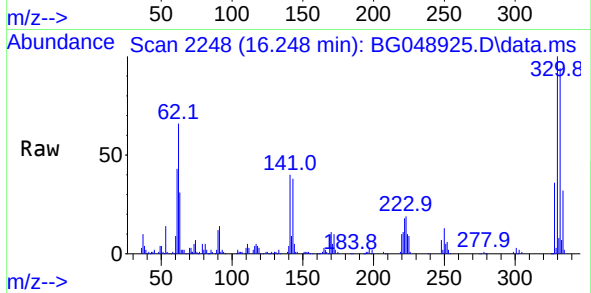
Tgt Ion:164 Resp: 107672
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 39.6 34.9 52.3



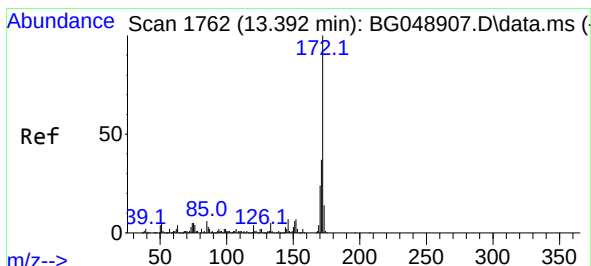
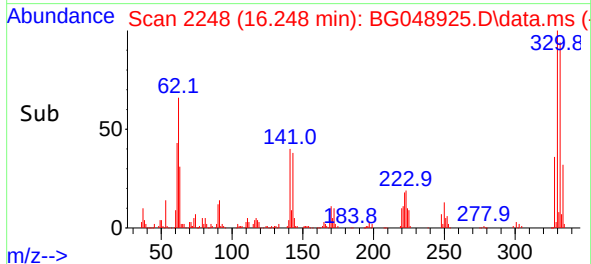
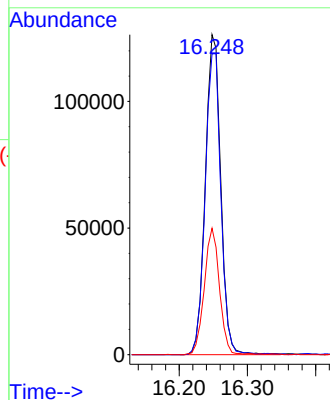


#42
2,4,6-Tribromophenol
Concen: 124.531 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Instrument :
BNA_G
ClientSampleId :
18-B12(162-166)

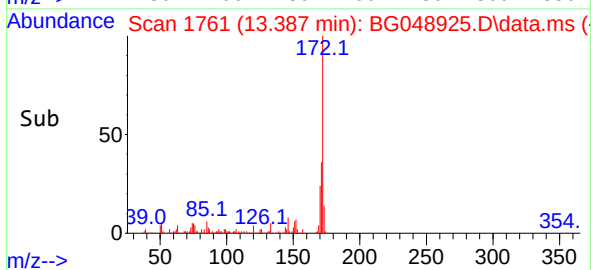
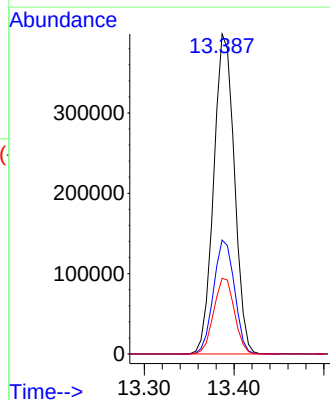
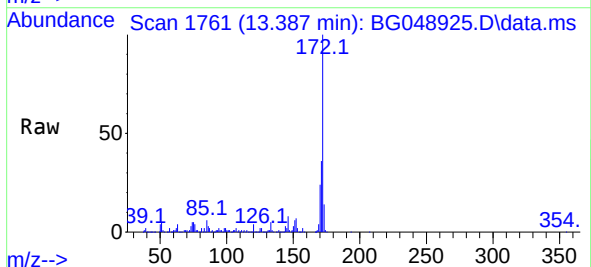


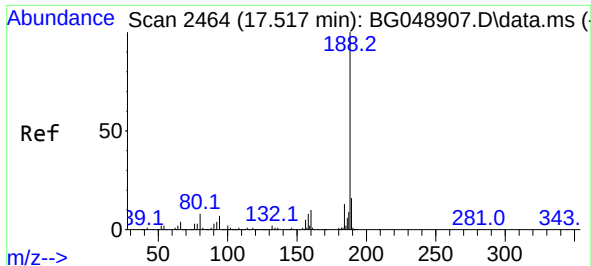
Tgt Ion:330 Resp: 198655
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 83.514 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:172 Resp: 636535
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 18.6 27.8

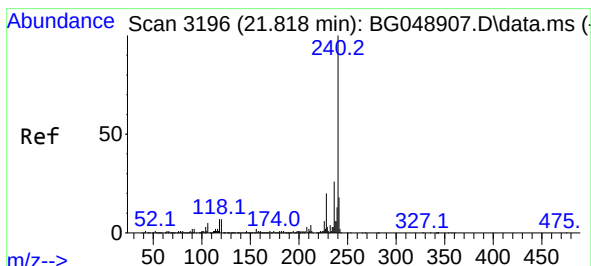
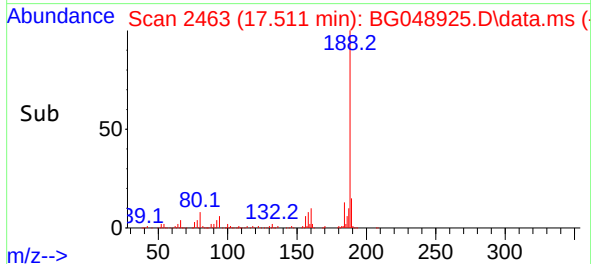
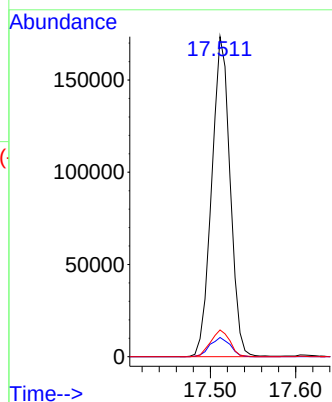
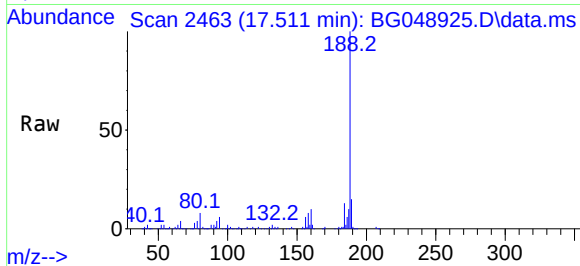




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

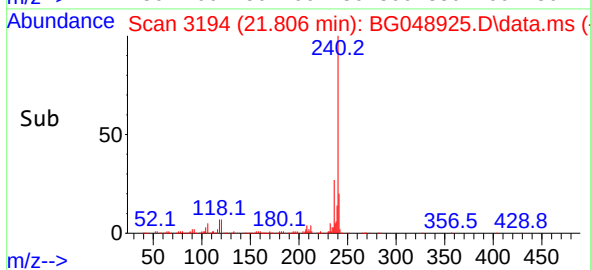
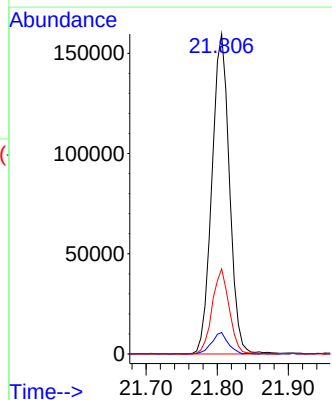
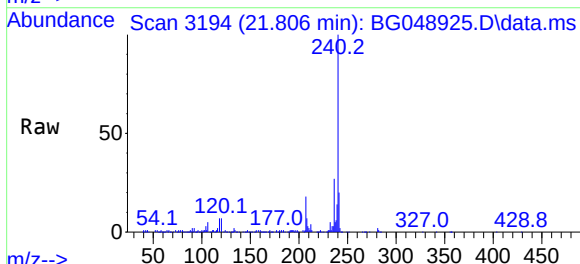
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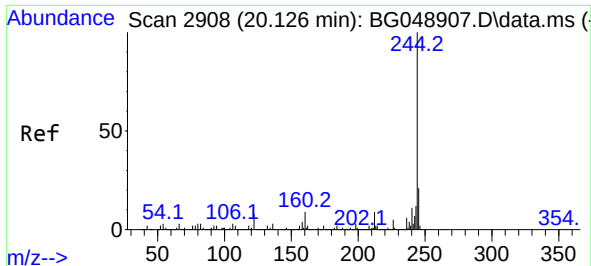
Tgt Ion:188 Resp: 260980
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 8.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.806 min Scan# 3194
Delta R.T. -0.012 min
Lab File: BG048925.D
Acq: 12 Jun 2021 23:31

Tgt Ion:240 Resp: 272953
Ion Ratio Lower Upper
240 100
120 6.7 4.2 6.2#
236 26.6 21.8 32.6

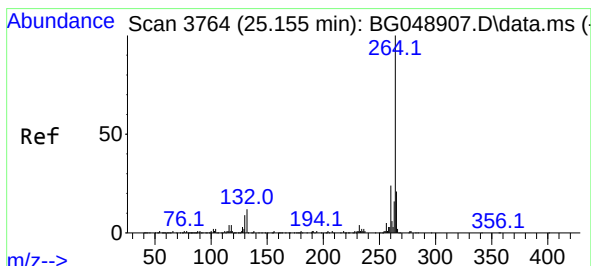
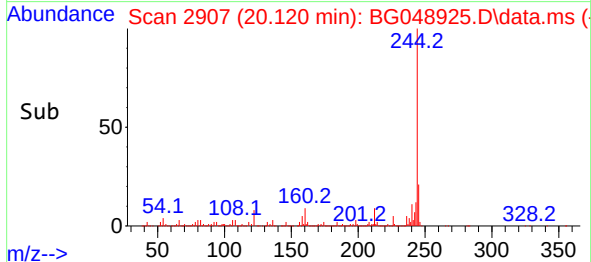
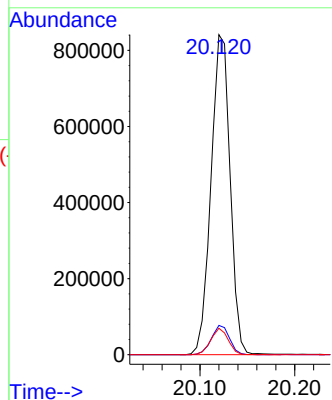
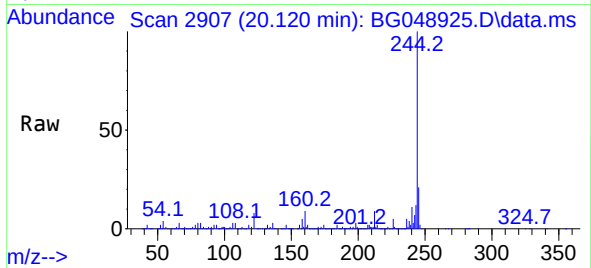




#79
 Terphenyl-d14
 Concen: 78.771 ng
 RT: 20.120 min Scan# 2907
 Delta R.T. -0.006 min
 Lab File: BG048925.D
 Acq: 12 Jun 2021 23:31

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(162-166)

Tgt Ion:244 Resp: 1173998
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 8.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.143 min Scan# 3762
 Delta R.T. -0.012 min
 Lab File: BG048925.D
 Acq: 12 Jun 2021 23:31

Tgt Ion:264 Resp: 267810
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 20.0 16.9 25.3

