

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048988.D
 Acq On : 15 Jun 2021 22:06
 Operator : CG/JU
 Sample : M2672-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(52-56)

Quant Time: Jun 16 01:02:36 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	8.112	152	30340	20.000	ng	# 0.00
21) Naphthalene-d8	10.938	136	118128	20.000	ng	# 0.00
39) Acenaphthene-d10	14.757	164	88853	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	227889	20.000	ng	#-0.02
76) Chrysene-d12	21.796	240	248628	20.000	ng	-0.02
86) Perylene-d12	25.128	264	263396	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	176728	90.675	ng	0.00
7) Phenol-d6	7.266	99	232621	79.632	ng	0.00
23) Nitrobenzene-d5	9.275	82	161825	59.070	ng	-0.02
42) 2,4,6-Tribromophenol	16.244	330	117811	89.494	ng	-0.01
45) 2-Fluorobiphenyl	13.377	172	339357	53.954	ng	-0.02
79) Terphenyl-d14	20.110	244	652228	48.044	ng	-0.02

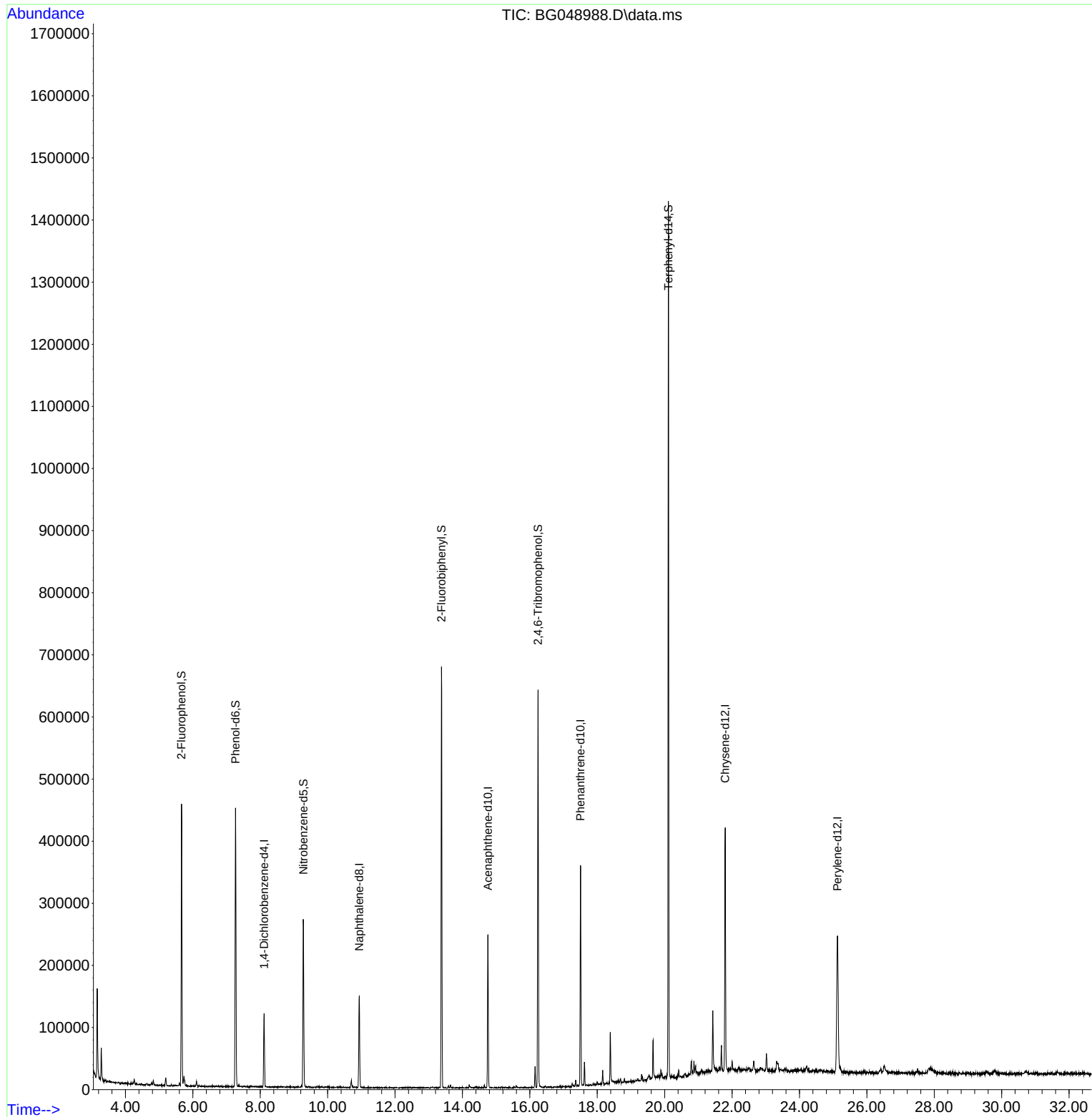
Target Compounds	Qvalue

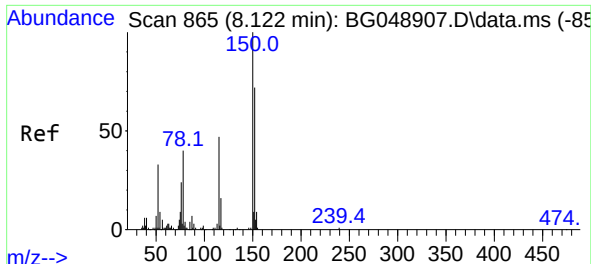
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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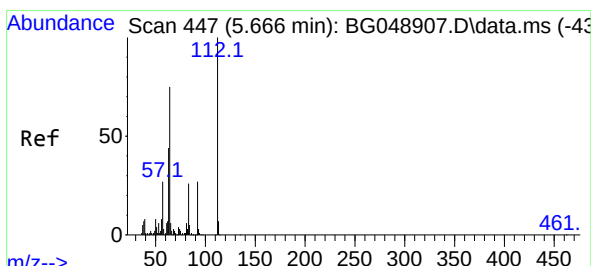
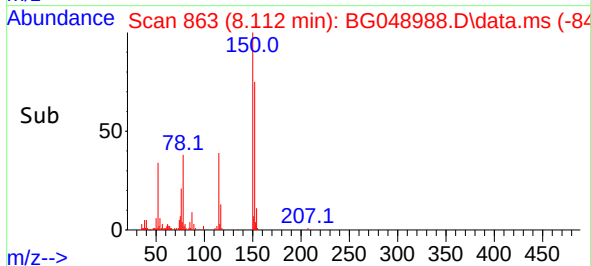
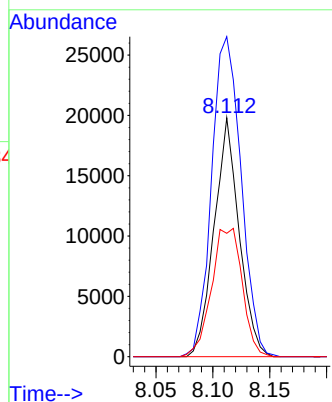
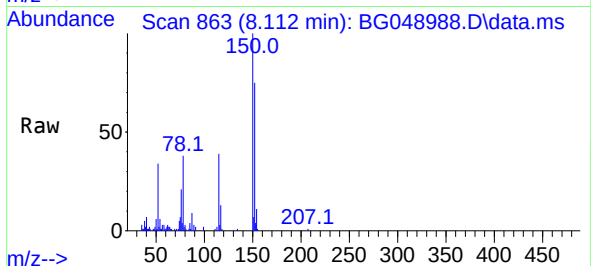




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 863
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

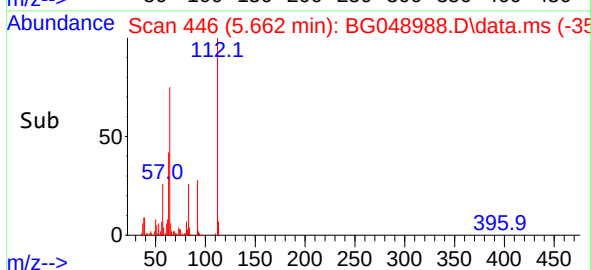
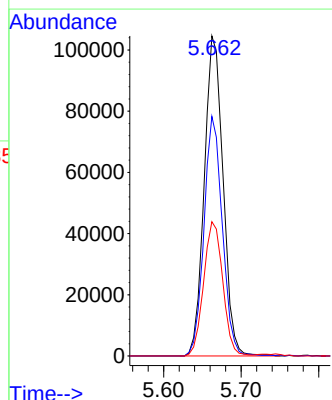
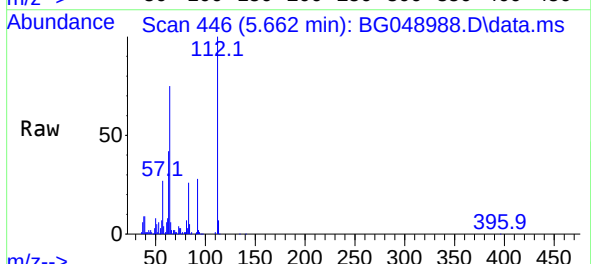
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

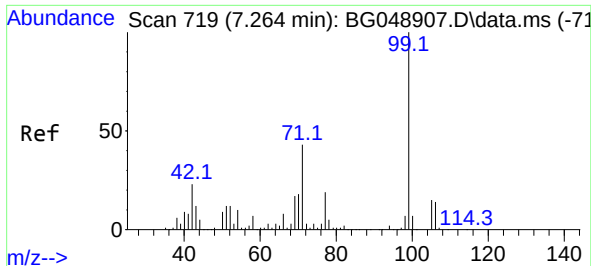
Tgt Ion:152 Resp: 30340
Ion Ratio Lower Upper
152 100
150 133.9 119.4 179.0
115 51.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 90.675 ng
RT: 5.662 min Scan# 446
Delta R.T. -0.004 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:112 Resp: 176728
Ion Ratio Lower Upper
112 100
64 74.9 46.7 70.1#
63 42.0 35.3 52.9



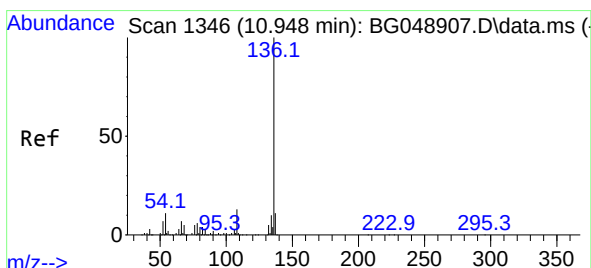
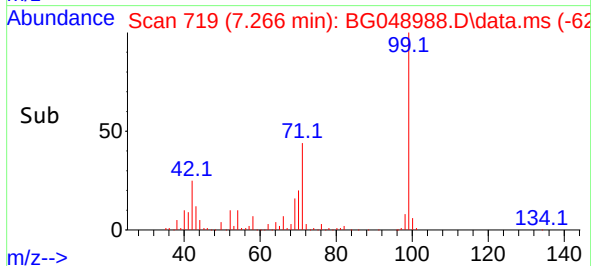
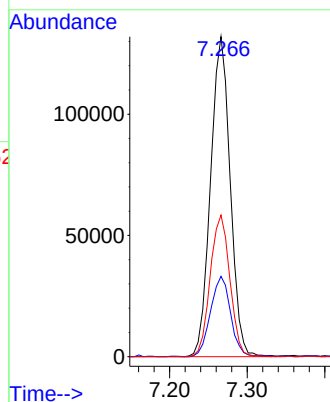
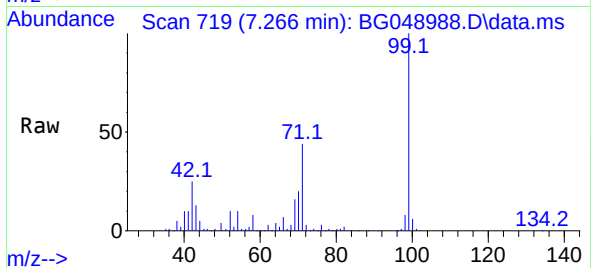


#7
Phenol-d6
Concen: 79.632 ng
RT: 7.266 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Instrument :
BNA_G
ClientSampled :
17-B6(52-56)

Tgt Ion: 99 Resp: 232621

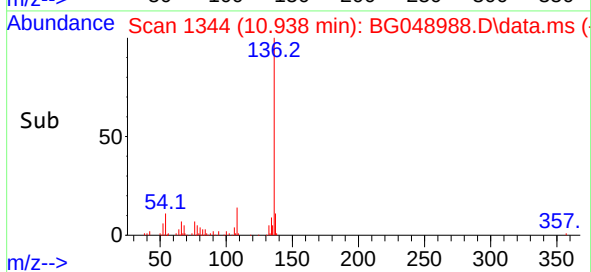
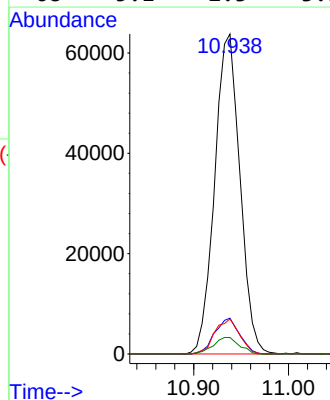
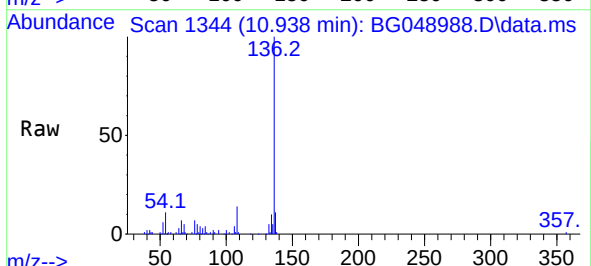
Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.5	30.7
71	44.3	41.5	62.3

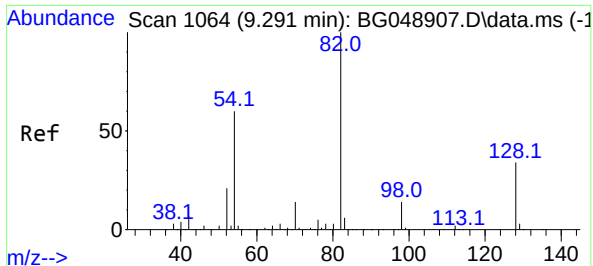


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.938 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion: 136 Resp: 118128

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	11.0	5.5	8.3#
68	5.1	2.3	3.5#

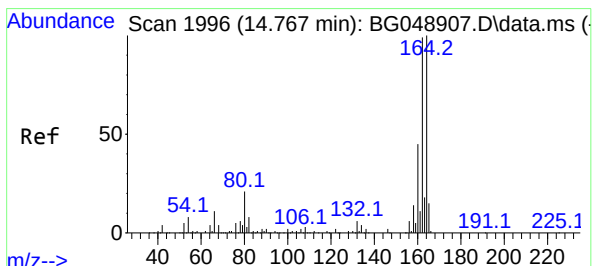
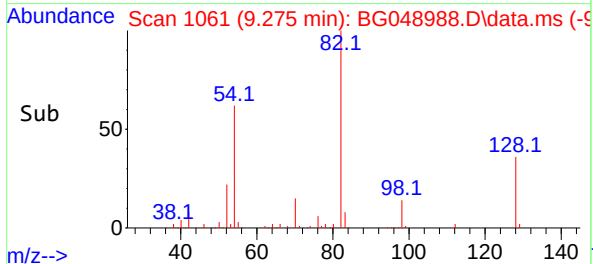
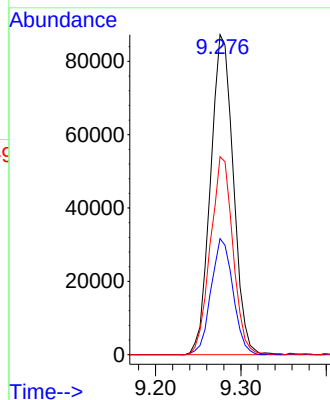
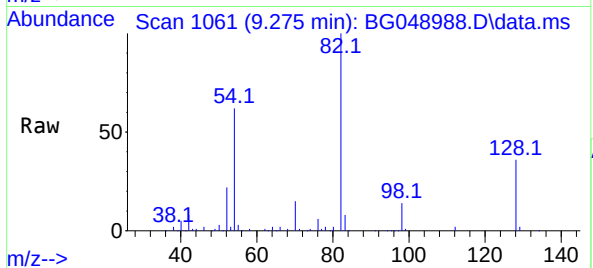




#23
Nitrobenzene-d5
Concen: 59.070 ng
RT: 9.275 min Scan# 1061
Delta R.T. -0.016 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

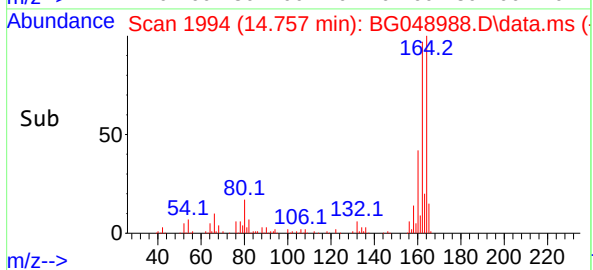
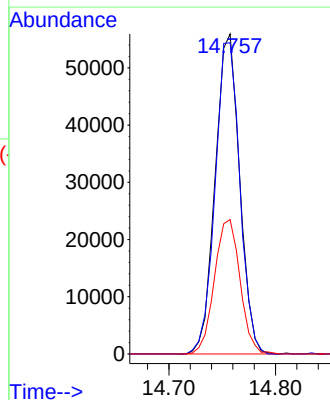
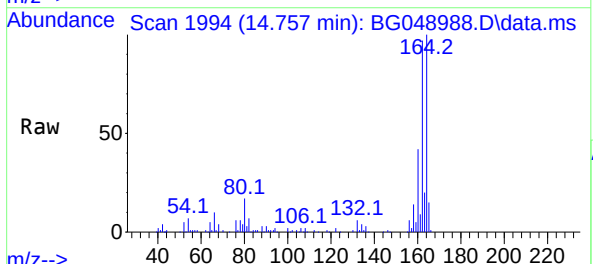
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

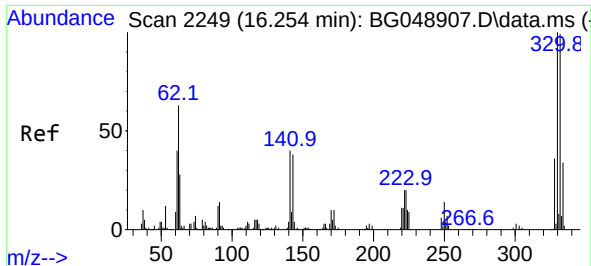
Tgt Ion: 82 Resp: 161825
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 61.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.757 min Scan# 1994
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

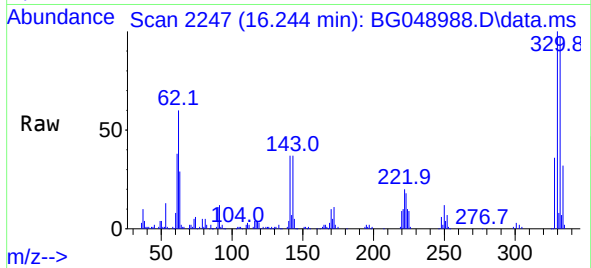
Tgt Ion: 164 Resp: 88853
Ion Ratio Lower Upper
164 100
162 97.3 81.4 122.0
160 42.0 34.9 52.3



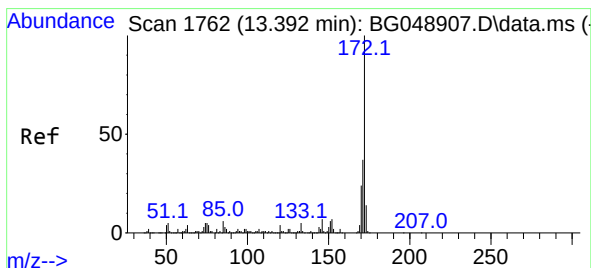
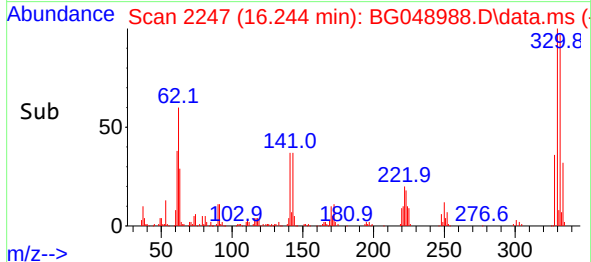
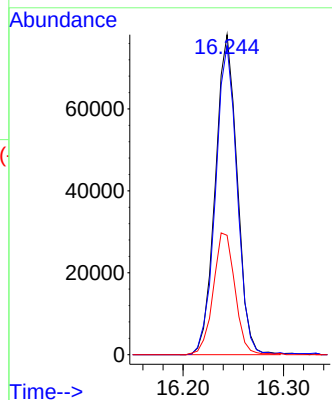


#42
2,4,6-Tribromophenol
Concen: 89.494 ng
RT: 16.244 min Scan# 2247
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

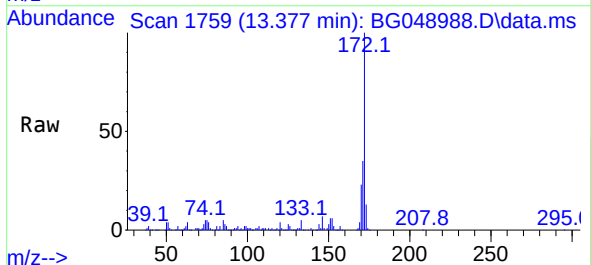
Instrument :
BNA_G
ClientSampled :
17-B6(52-56)



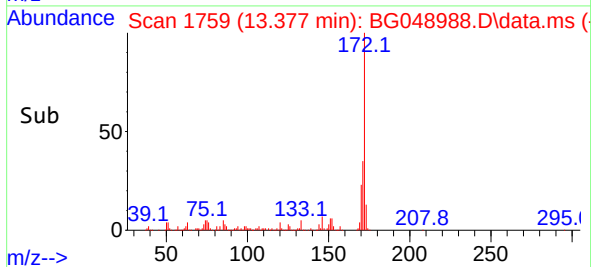
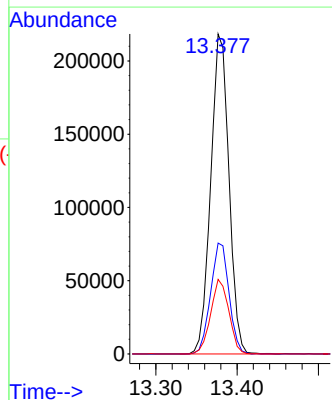
Tgt Ion:330 Resp: 117811
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 38.0 35.6 53.4

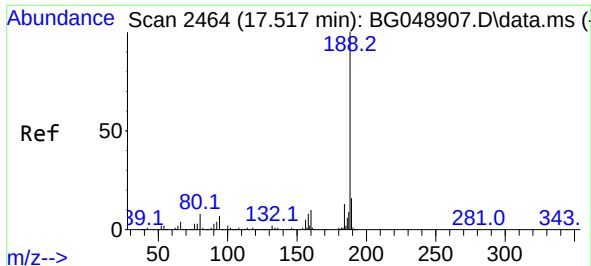


#45
2-Fluorobiphenyl
Concen: 53.954 ng
RT: 13.377 min Scan# 1759
Delta R.T. -0.015 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06



Tgt Ion:172 Resp: 339357
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.3 18.6 27.8

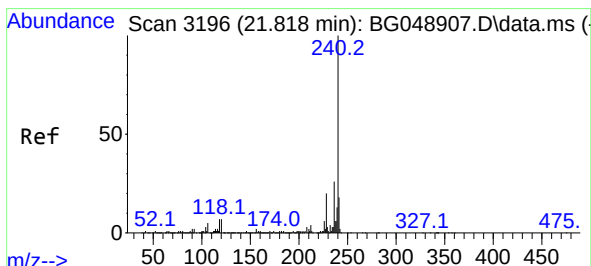
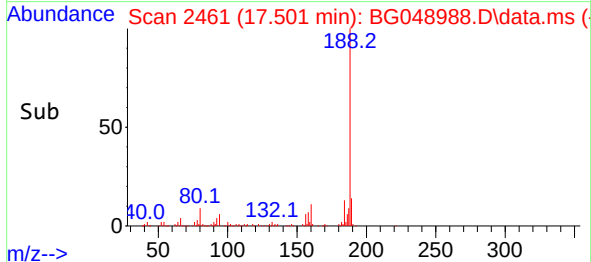
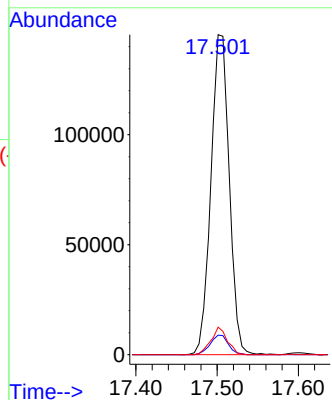
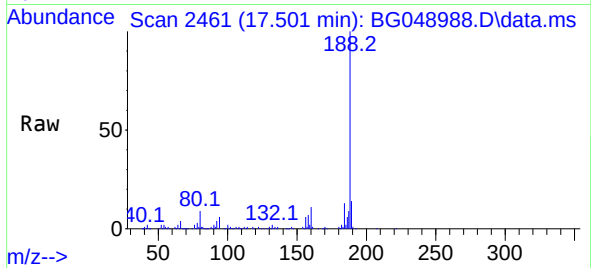




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2461
Delta R.T. -0.016 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

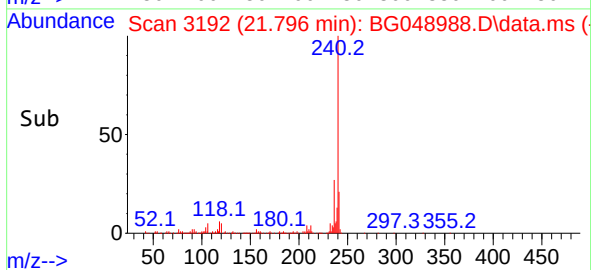
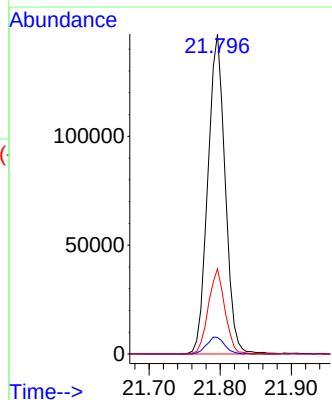
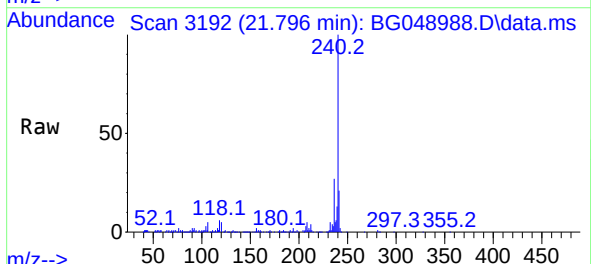
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17-B6(52-56)

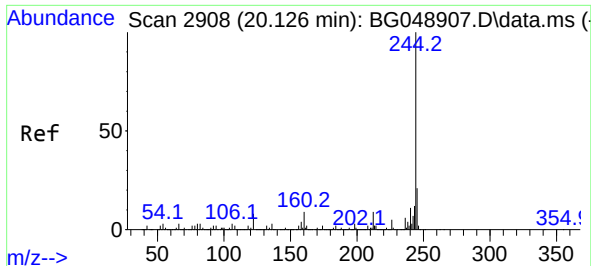
Tgt Ion:188 Resp: 227889
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.796 min Scan# 3192
Delta R.T. -0.022 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:240 Resp: 248628
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.6 21.8 32.6

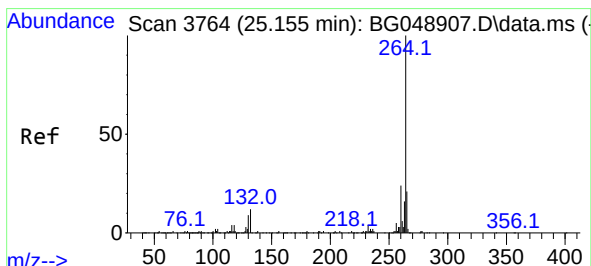
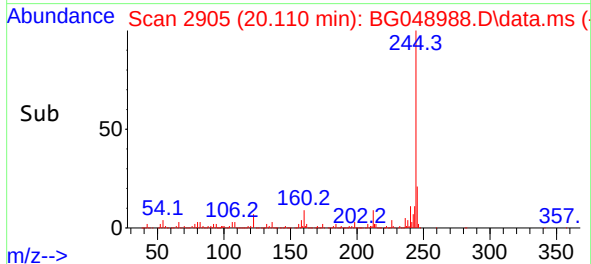
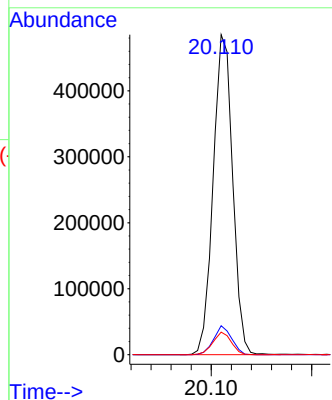
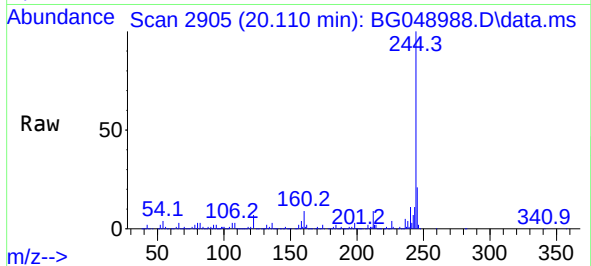




#79
 Terphenyl-d14
 Concen: 48.044 ng
 RT: 20.110 min Scan# 2905
 Delta R.T. -0.016 min
 Lab File: BG048988.D
 Acq: 15 Jun 2021 22:06

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(52-56)

Tgt Ion:244 Resp: 652228
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 7.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.128 min Scan# 3759
 Delta R.T. -0.028 min
 Lab File: BG048988.D
 Acq: 15 Jun 2021 22:06

Tgt Ion:264 Resp: 263396
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.0 16.9 25.3

