

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
 Data File : BG050576.D
 Acq On : 13 Oct 2021 18:52
 Operator : CG/JU
 Sample : M4147-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20-20211007-WC

Quant Time: Oct 14 03:04:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	42465	20.00	ng	0.00
21) Naphthalene-d8	11.079	136	175202	20.00	ng	#-0.01
39) Acenaphthene-d10	14.874	164	113848	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	268285	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	261732	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	253539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	346180	121.92	ng	0.00
7) Phenol-d6	7.401	99	424794	103.33	ng	0.00
23) Nitrobenzene-d5	9.428	82	356590	84.25	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	144453	133.02	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	620401	82.01	ng	0.00
79) Terphenyl-d14	20.203	244	1120877	83.46	ng	0.00

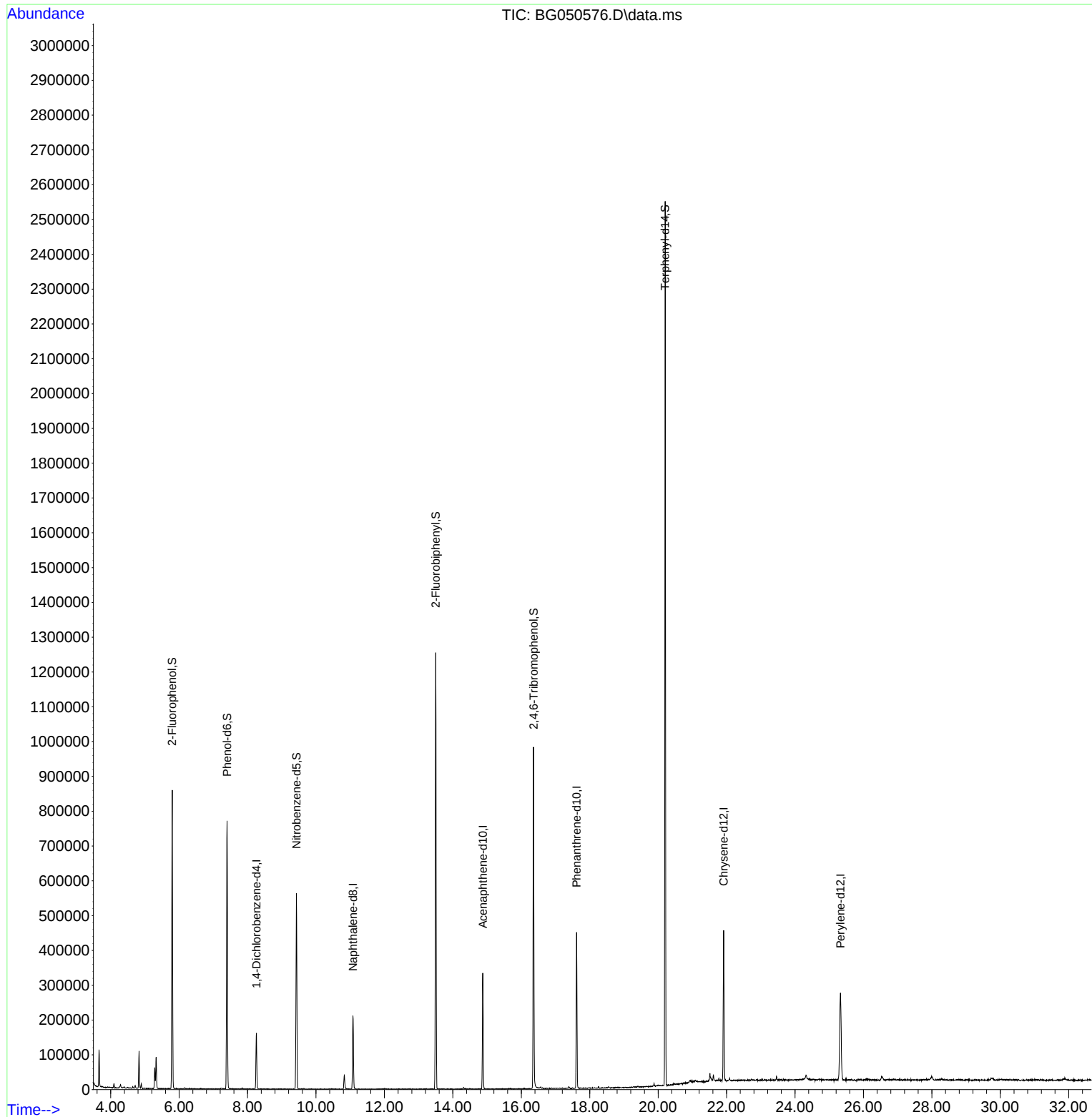
Target Compounds	Qvalue

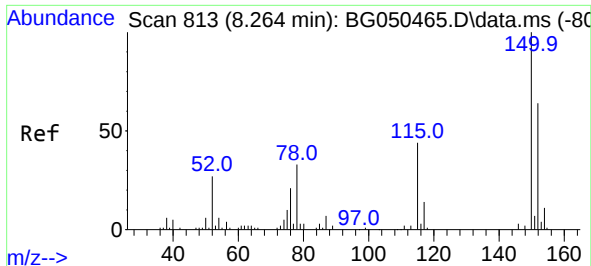
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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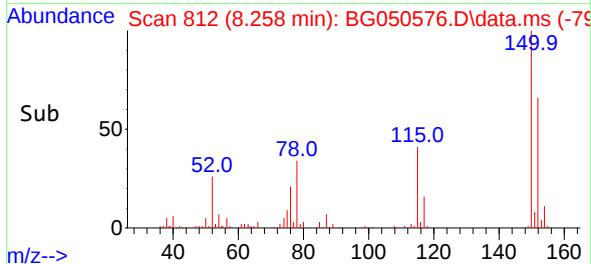
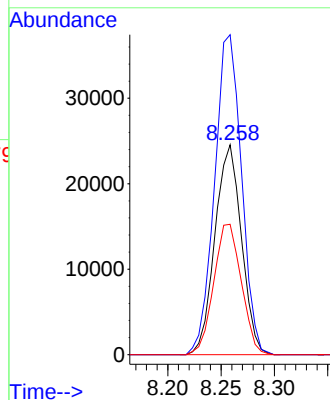
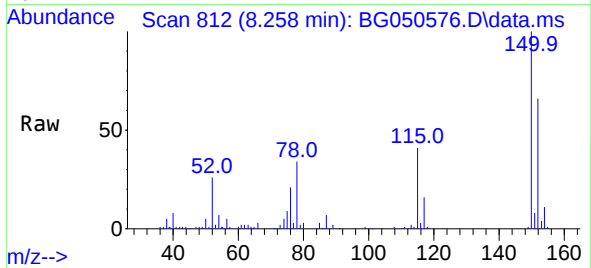




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

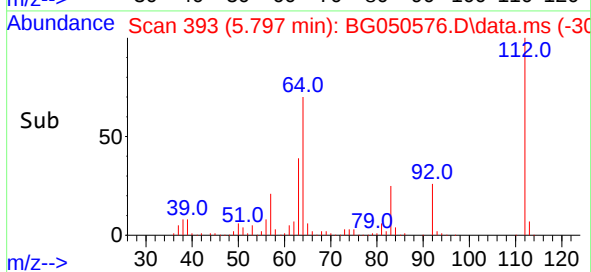
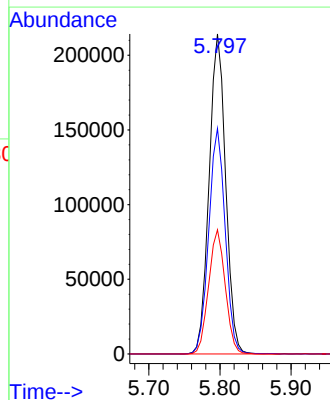
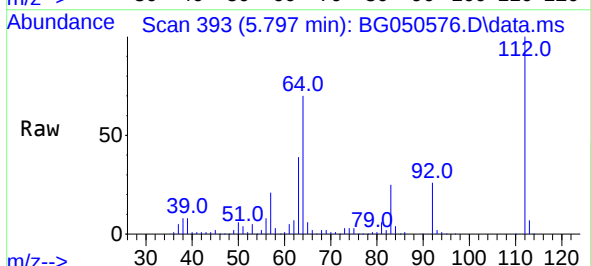
Instrument :
BNA_G
ClientSampleId :
20-20211007-WC

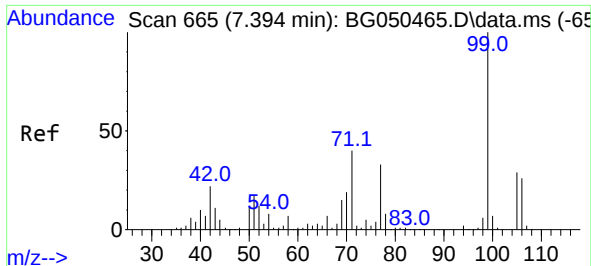
Tgt Ion:152 Resp: 42465
Ion Ratio Lower Upper
152 100
150 152.4 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 121.92 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Tgt Ion:112 Resp: 346180
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 38.8 35.3 52.9

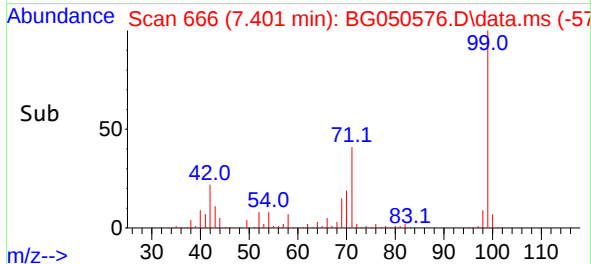
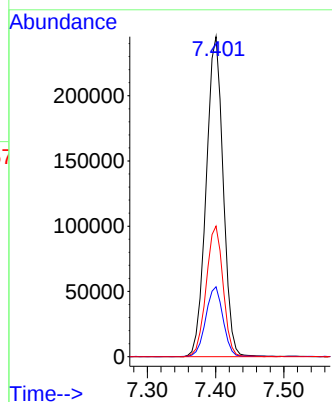
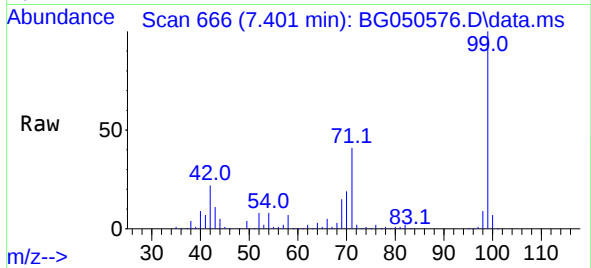




#7
Phenol-d6
Concen: 103.33 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

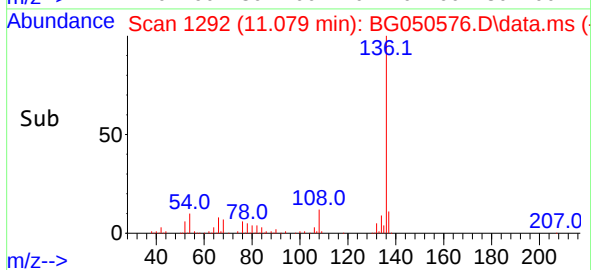
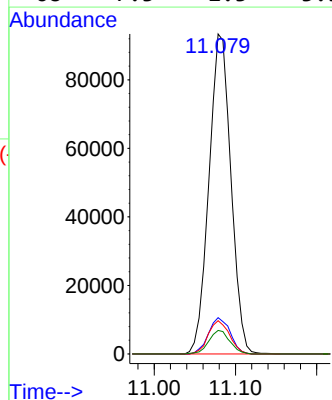
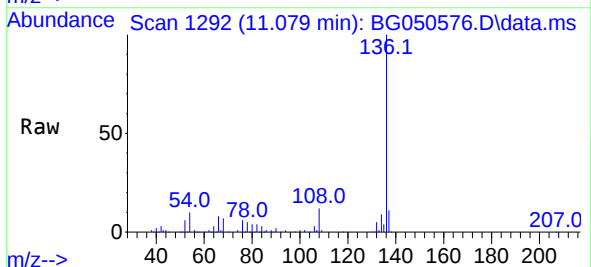
Instrument :
BNA_G
ClientSampleId :
20-20211007-WC

Tgt Ion: 99 Resp: 424794
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.011 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Tgt Ion: 136 Resp: 175202
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.4 5.5 8.3#
68 7.3 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 84.25 ng

RT: 9.428 min Scan# 1011

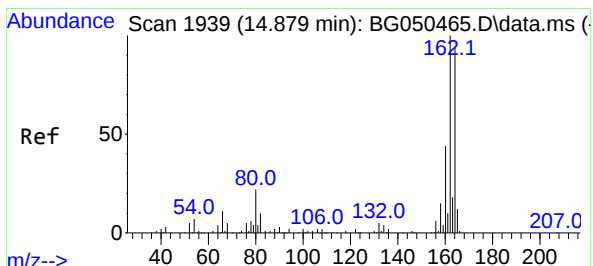
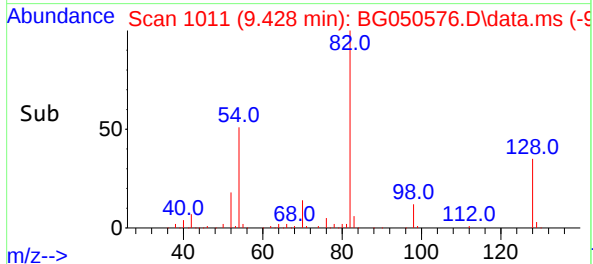
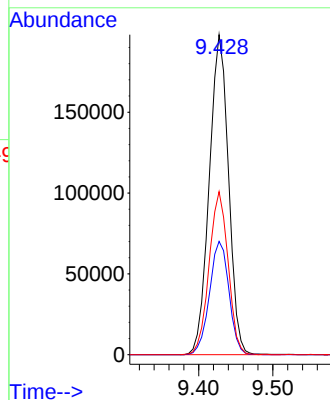
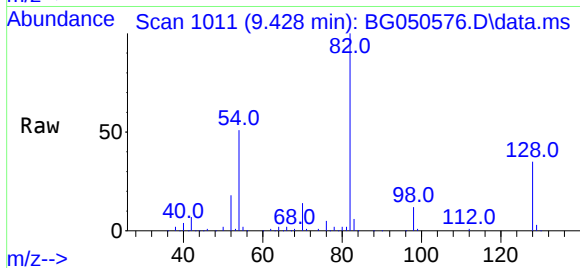
Delta R.T. -0.005 min

Lab File: BG050576.D

Acq: 13 Oct 2021 18:52

Tgt Ion: 82 Resp: 356590

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.8	44.6
54	50.9	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.874 min Scan# 1938

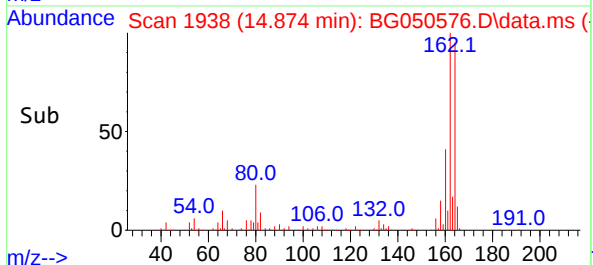
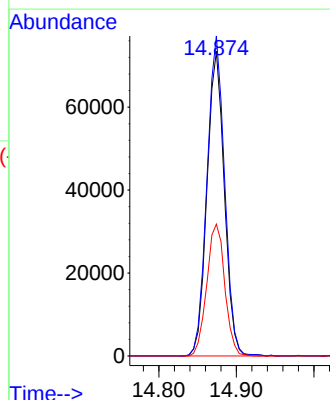
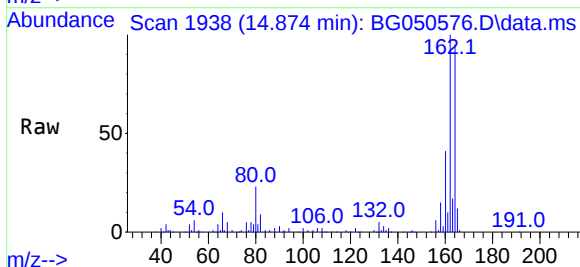
Delta R.T. -0.005 min

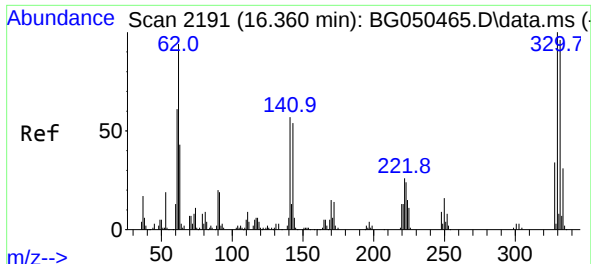
Lab File: BG050576.D

Acq: 13 Oct 2021 18:52

Tgt Ion: 164 Resp: 113848

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.4	122.0
160	43.3	34.9	52.3

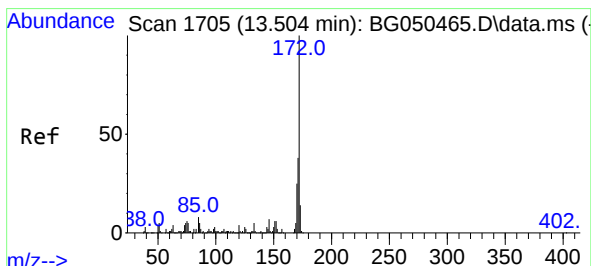
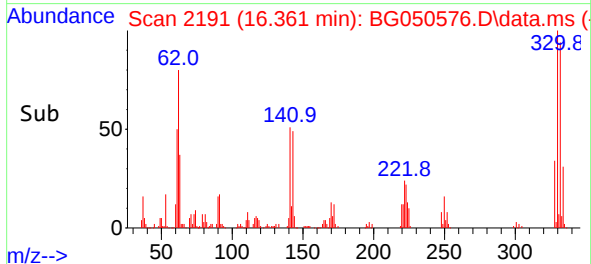
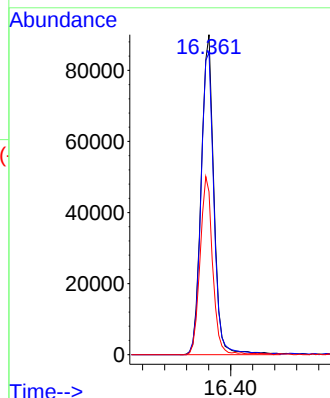
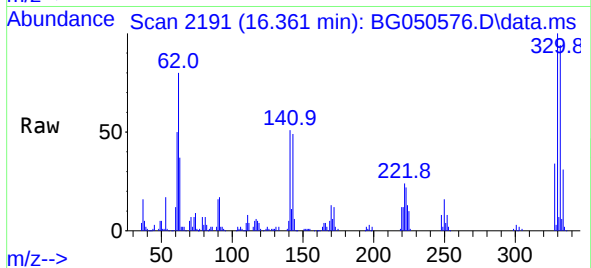




#42
2,4,6-Tribromophenol
Concen: 133.02 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

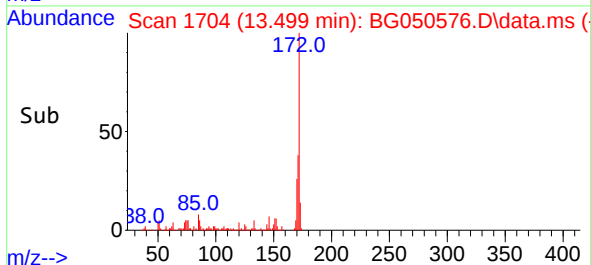
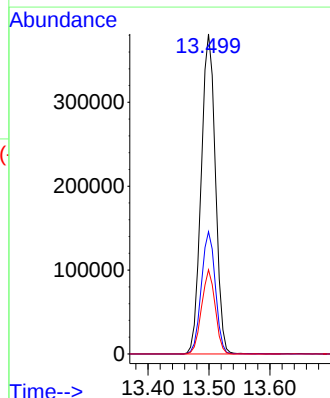
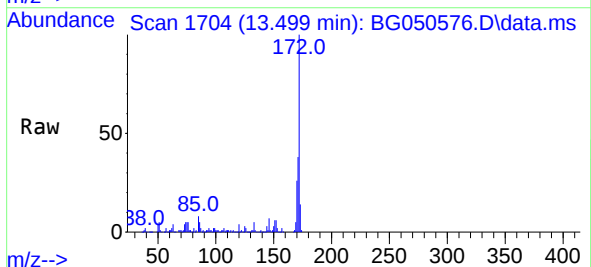
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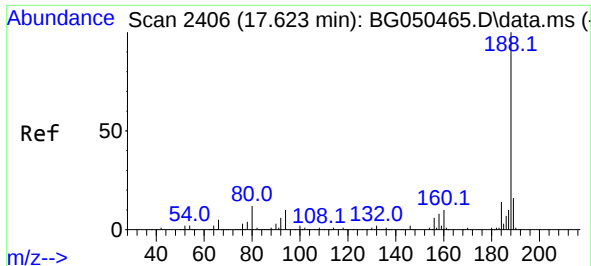
Tgt Ion:330 Resp: 144453
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 82.01 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Tgt Ion:172 Resp: 620401
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 26.3 18.6 27.8

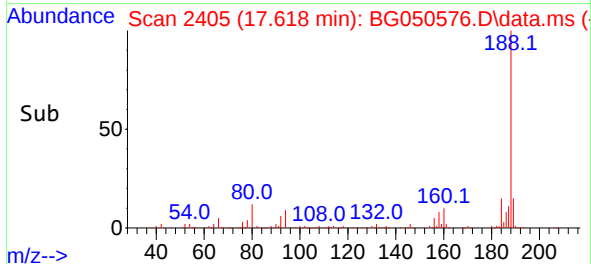
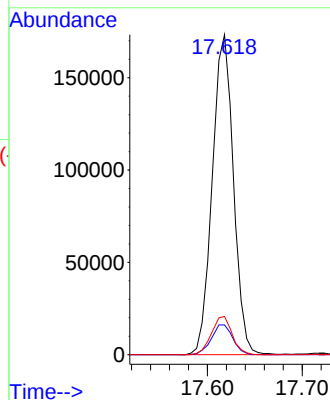
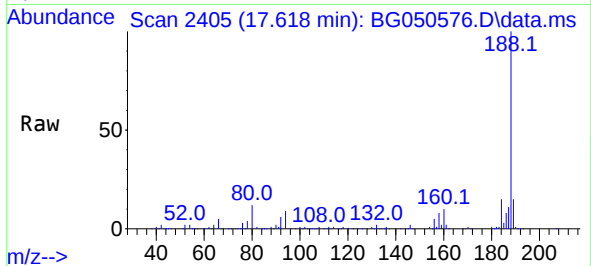




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

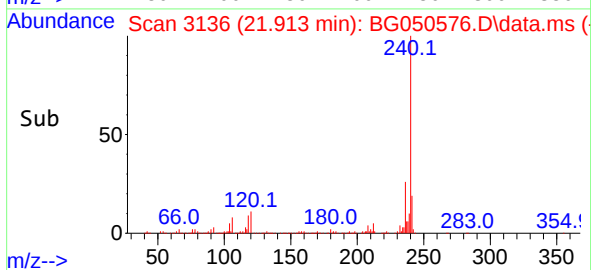
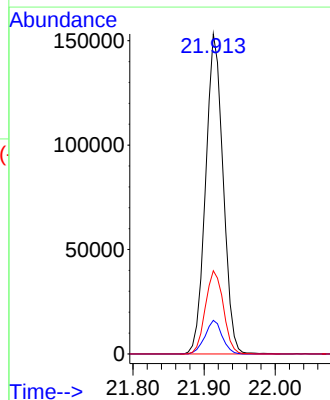
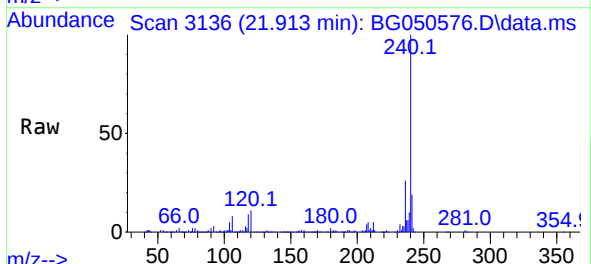
Instrument :
BNA_G
ClientSampleId :
20-20211007-WC

Tgt Ion:188 Resp: 268285
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Tgt Ion:240 Resp: 261732
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 26.0 21.8 32.6

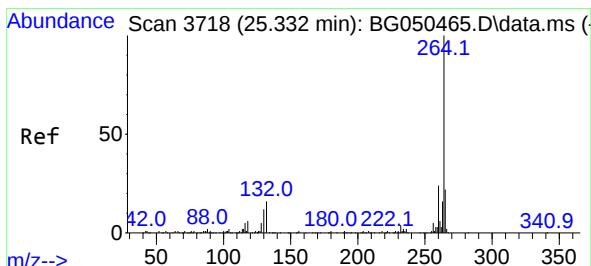
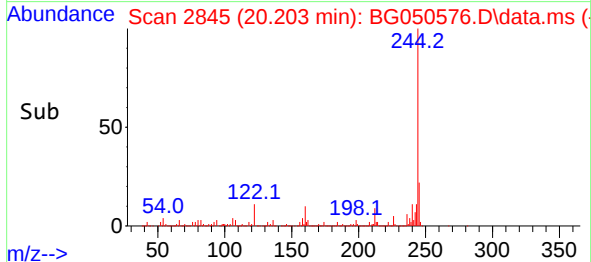
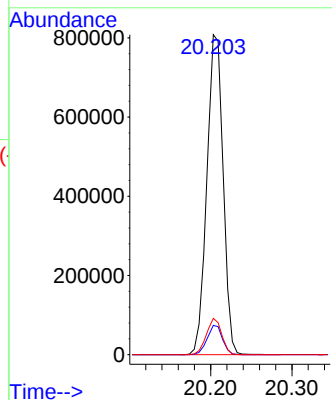
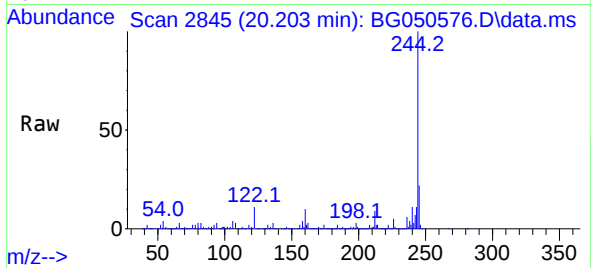




#79
Terphenyl-d14
Concen: 83.46 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Instrument :
BNA_G
ClientSampleId :
20-20211007-WC

Tgt Ion:244 Resp: 1120877
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 11.4 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050576.D
Acq: 13 Oct 2021 18:52

Tgt Ion:264 Resp: 253539
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 23.8 16.9 25.3

