

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050621.D
 Acq On : 18 Oct 2021 17:30
 Operator : CG/JU
 Sample : M4251-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 18 18:30:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	42615	20.00	ng	0.00
21) Naphthalene-d8	11.076	136	185741	20.00	ng	# 0.00
39) Acenaphthene-d10	14.872	164	130686	20.00	ng	0.00
64) Phenanthrene-d10	17.616	188	311415	20.00	ng	# 0.00
76) Chrysene-d12	21.911	240	277803	20.00	ng	#-0.01
86) Perylene-d12	25.324	264	267647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	160070	56.18	ng	0.00
7) Phenol-d6	7.392	99	137545	33.34	ng	0.00
23) Nitrobenzene-d5	9.425	82	355019	79.12	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	159058	127.60	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	664893	76.57	ng	0.00
79) Terphenyl-d14	20.207	244	1173513	82.32	ng	0.00

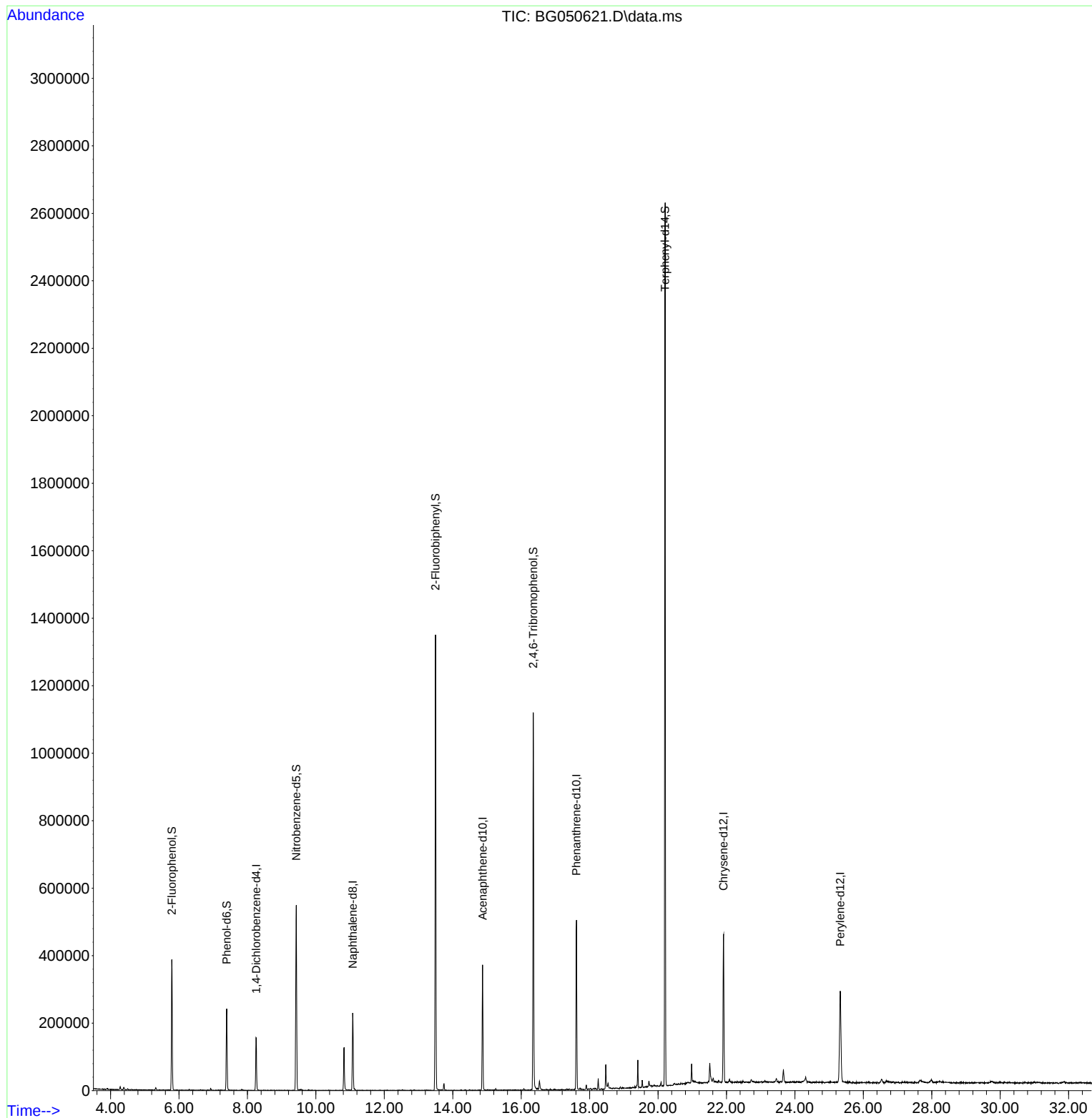
Target Compounds	Qvalue

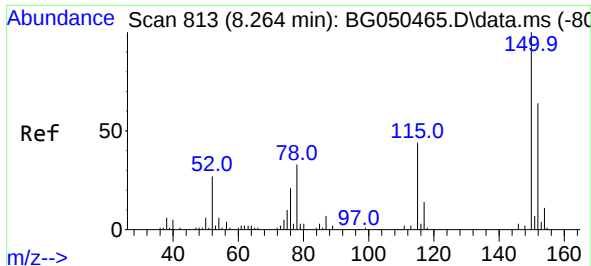
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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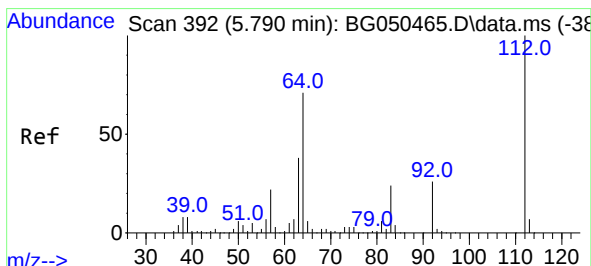
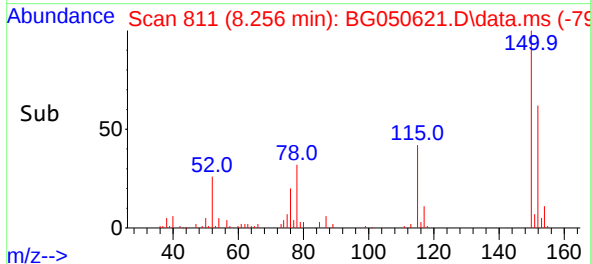
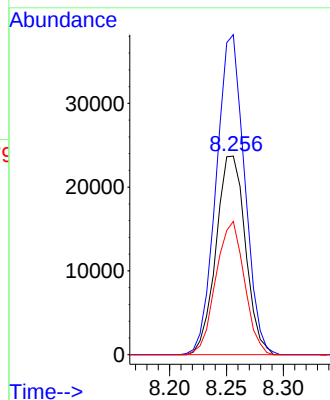
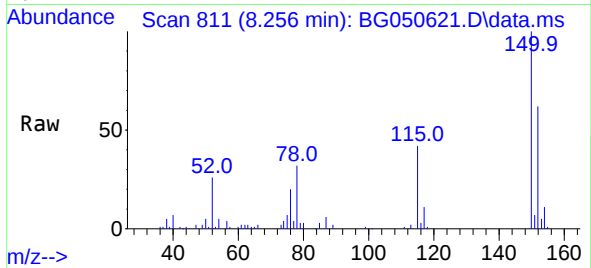




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

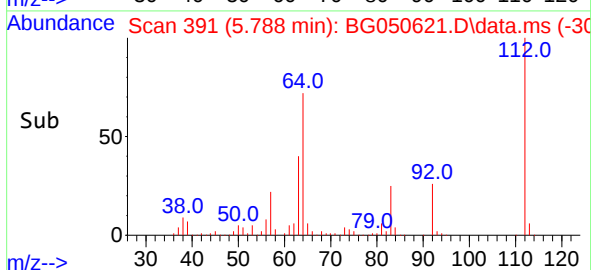
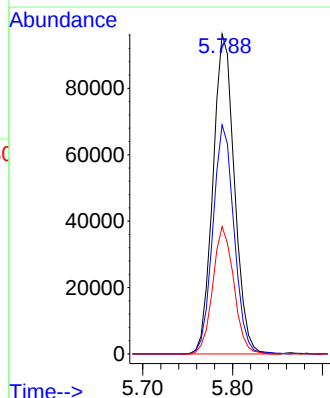
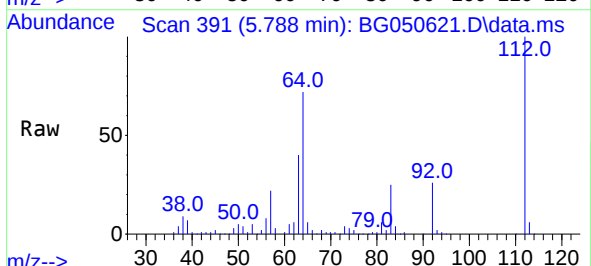
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

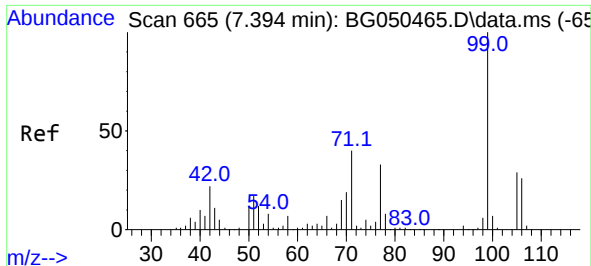
Tgt Ion:152 Resp: 42615
Ion Ratio Lower Upper
152 100
150 161.2 119.4 179.0
115 67.1 60.2 90.4



#5
2-Fluorophenol
Concen: 56.18 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

Tgt Ion:112 Resp: 160070
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 39.8 35.3 52.9

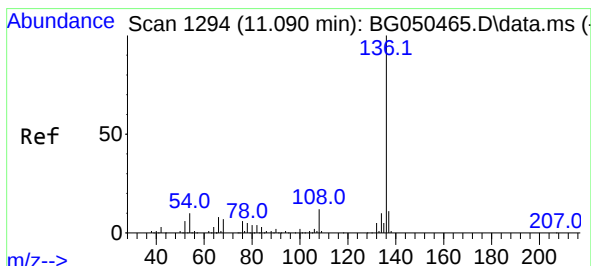
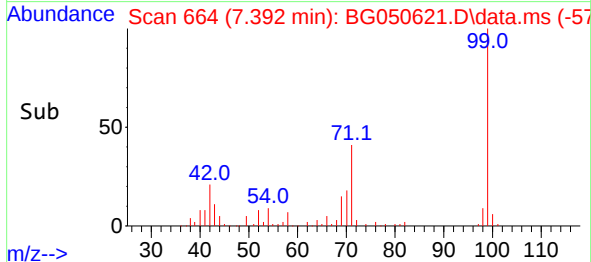
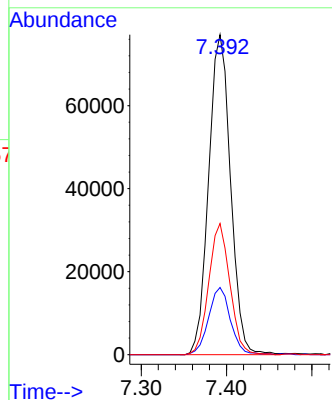
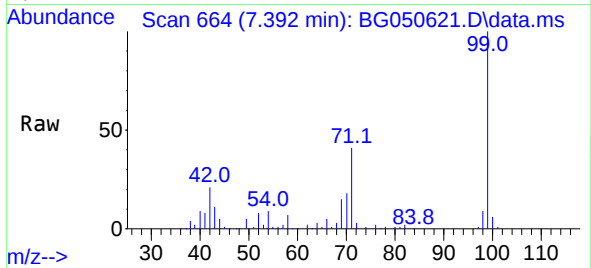




#7
Phenol-d6
Concen: 33.34 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

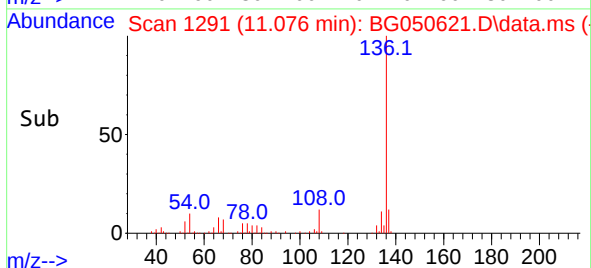
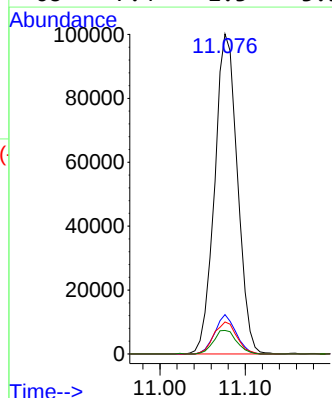
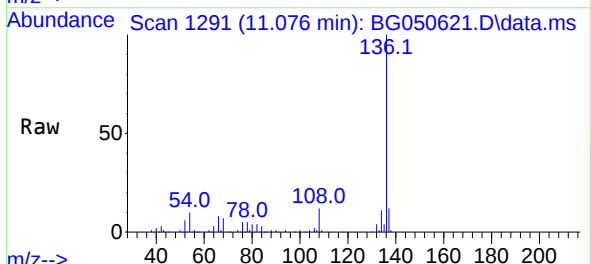
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

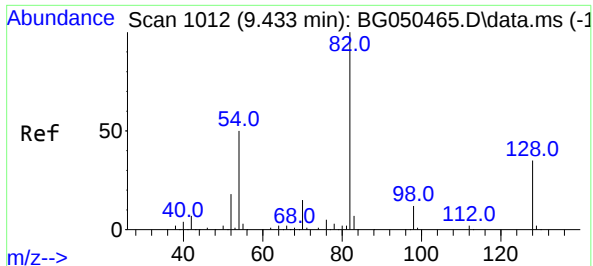
Tgt Ion: 99 Resp: 137545
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 41.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

Tgt Ion: 136 Resp: 185741
Ion Ratio Lower Upper
136 100
137 12.3 8.2 12.2#
54 10.0 5.5 8.3#
68 7.4 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 79.12 ng

RT: 9.425 min Scan# 1010

Delta R.T. -0.002 min

Lab File: BG050621.D

Acq: 18 Oct 2021 17:30

Tgt Ion: 82 Resp: 355019

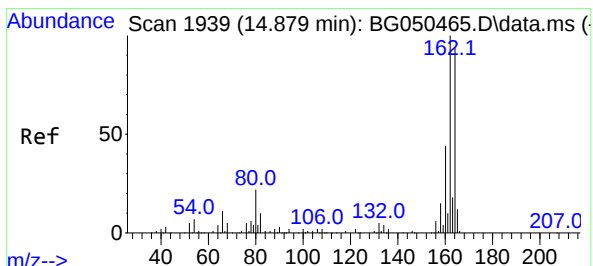
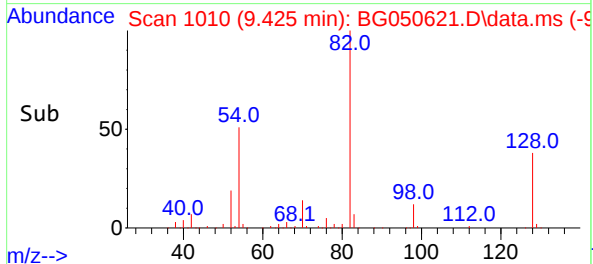
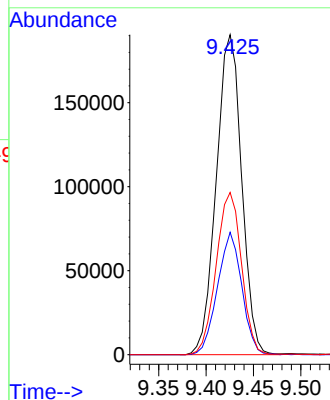
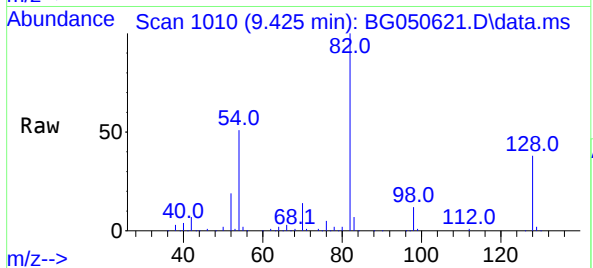
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.8	44.6
54	50.7	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

SW-RR-03-(SA)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.872 min Scan# 1937

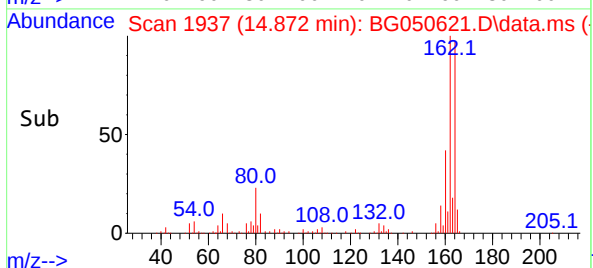
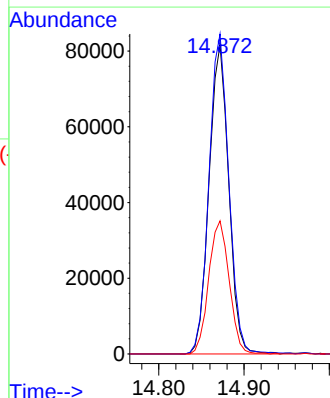
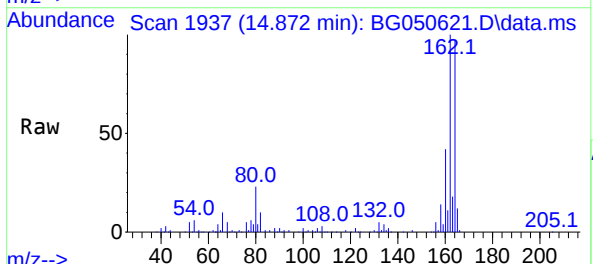
Delta R.T. -0.002 min

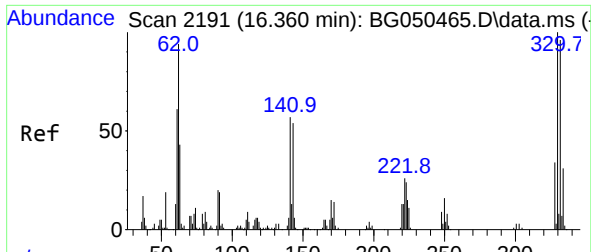
Lab File: BG050621.D

Acq: 18 Oct 2021 17:30

Tgt Ion:164 Resp: 130686

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.4	122.0
160	43.0	34.9	52.3

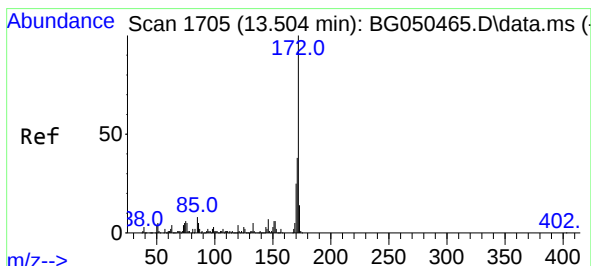
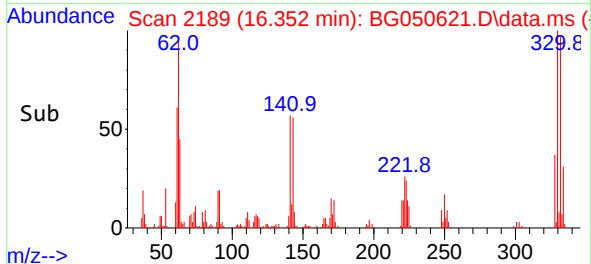
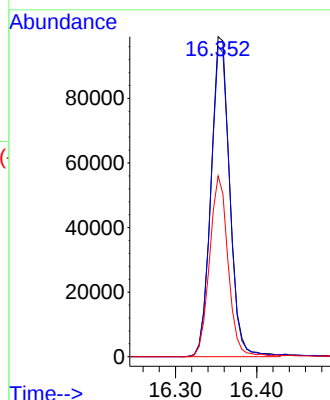
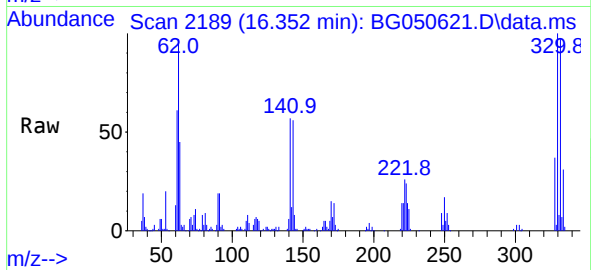




#42
2,4,6-Tribromophenol
Concen: 127.60 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.008 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

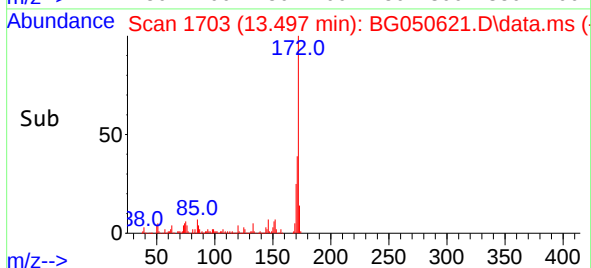
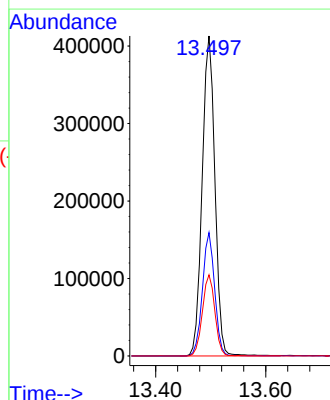
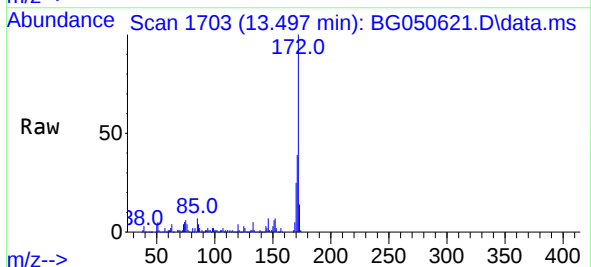
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

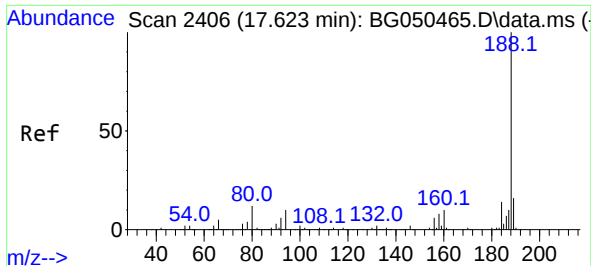
Tgt Ion:330 Resp: 159058
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 55.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 76.57 ng
RT: 13.497 min Scan# 1703
Delta R.T. -0.008 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

Tgt Ion:172 Resp: 664893
Ion Ratio Lower Upper
172 100
171 38.5 28.6 43.0
170 25.4 18.6 27.8

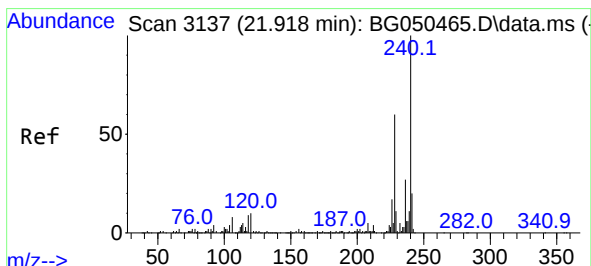
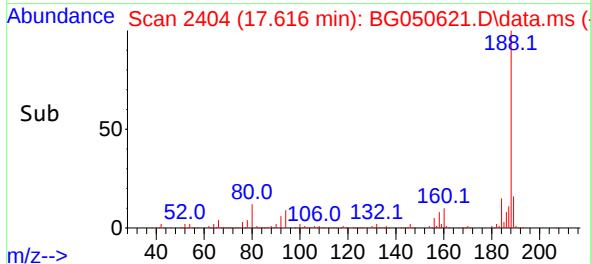
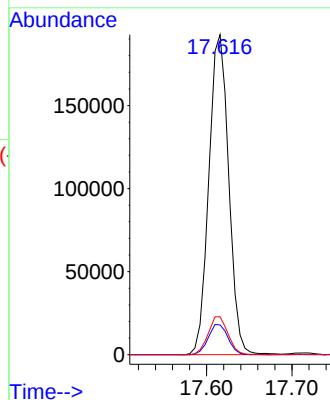
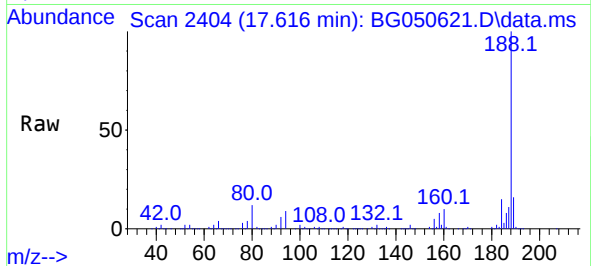




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

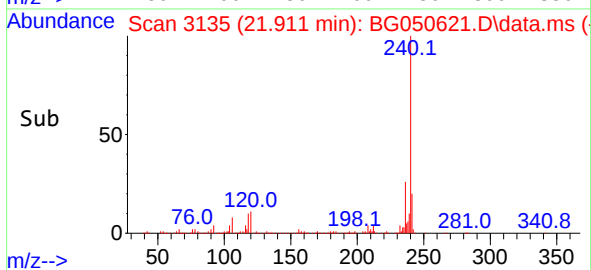
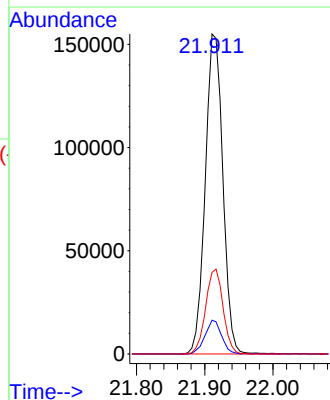
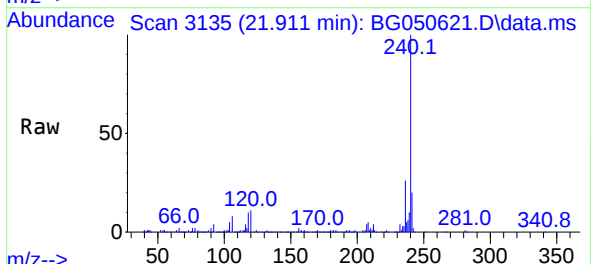
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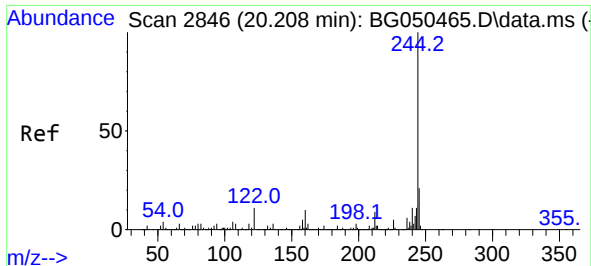
Tgt Ion:188 Resp: 311415
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.911 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050621.D
Acq: 18 Oct 2021 17:30

Tgt Ion:240 Resp: 277803
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 25.5 21.8 32.6

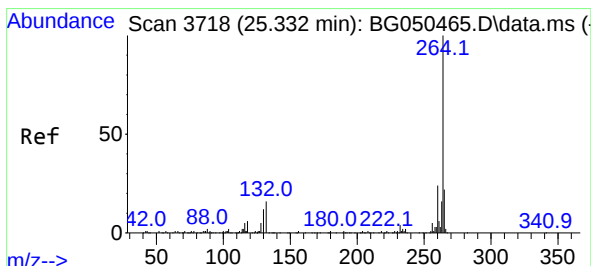
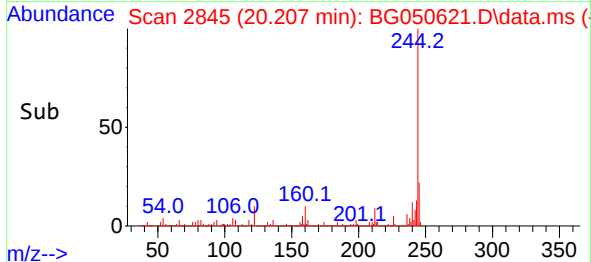
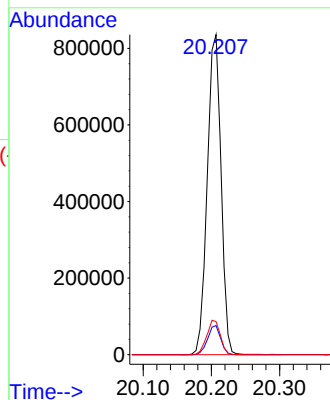
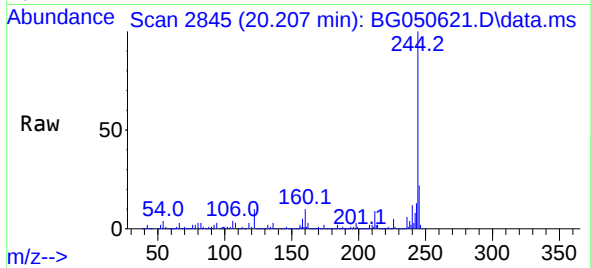




#79
 Terphenyl-d14
 Concen: 82.32 ng
 RT: 20.207 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG050621.D
 Acq: 18 Oct 2021 17:30

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:244 Resp: 1173513
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 10.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.324 min Scan# 3716
 Delta R.T. -0.008 min
 Lab File: BG050621.D
 Acq: 18 Oct 2021 17:30

Tgt Ion:264 Resp: 267647
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.4 29.2
 265 22.4 16.9 25.3

