

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050646.D
 Acq On : 20 Oct 2021 15:23
 Operator : CG/JU
 Sample : M4286-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 20 16:46:48 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	8.251	152	44610	20.00	ng	0.00
21) Naphthalene-d8	11.077	136	175340	20.00	ng	# 0.00
39) Acenaphthene-d10	14.872	164	105592	20.00	ng	0.00
64) Phenanthrene-d10	17.616	188	219398	20.00	ng	# 0.00
76) Chrysene-d12	21.911	240	221331	20.00	ng	#-0.01
86) Perylene-d12	25.325	264	219383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.789	112	195712	65.61	ng	0.00
7) Phenol-d6	7.393	99	160642	37.20	ng	0.00
23) Nitrobenzene-d5	9.426	82	387504	91.49	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	145360	144.33	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	641054	91.37	ng	0.00
79) Terphenyl-d14	20.201	244	881612	77.63	ng	0.00

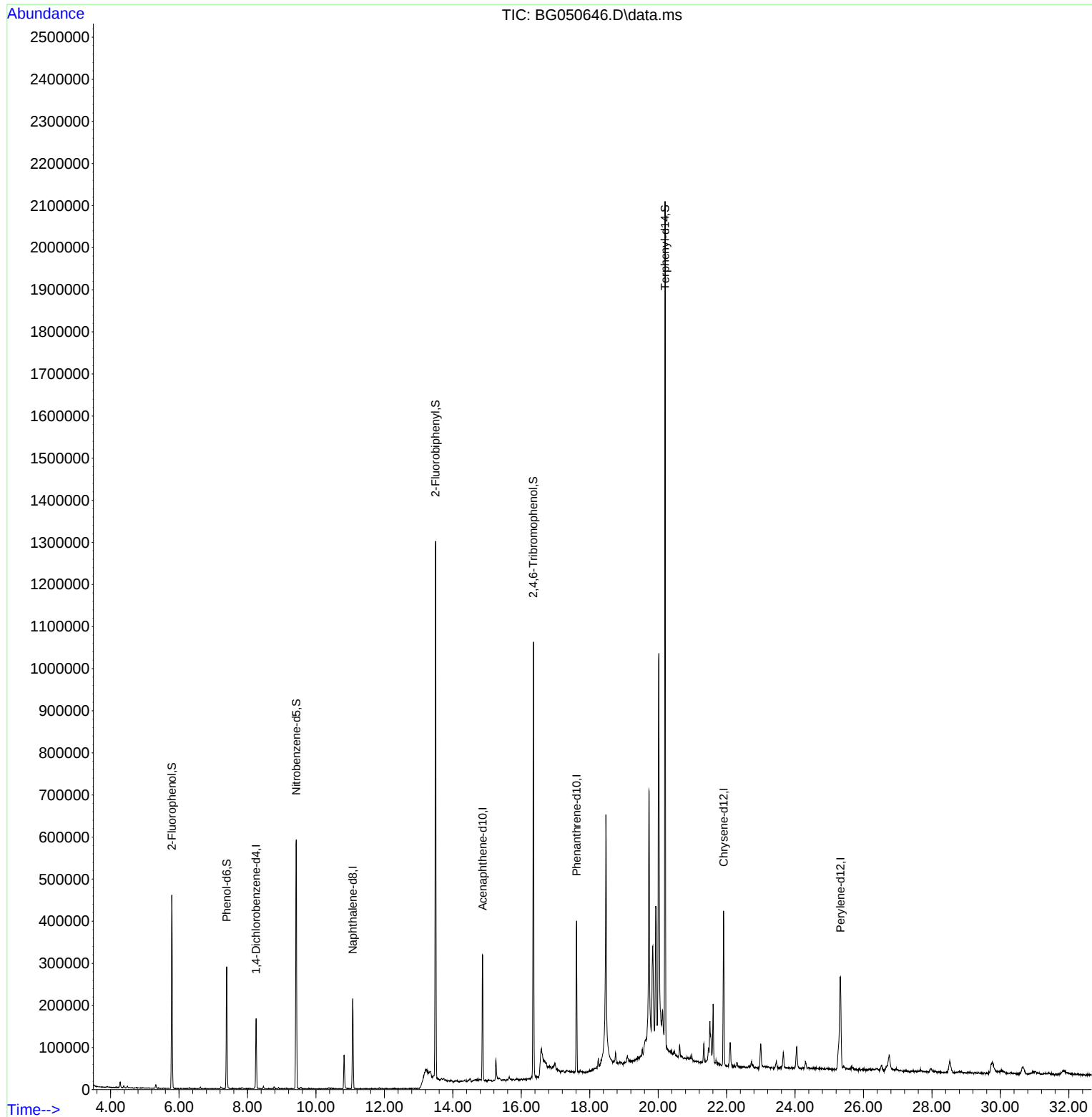
Target Compounds	Qvalue

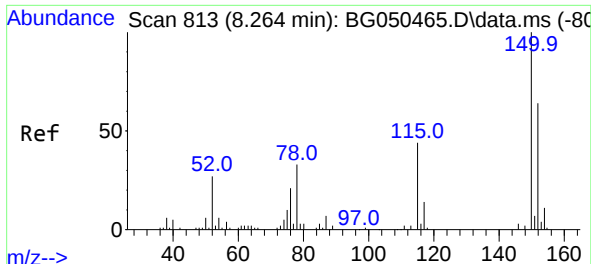
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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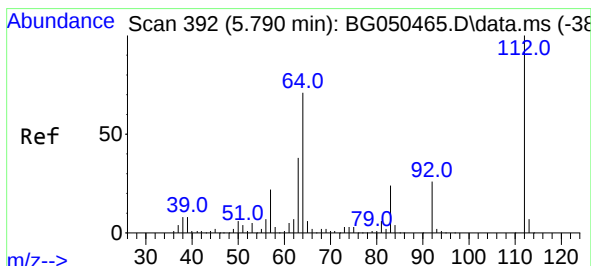
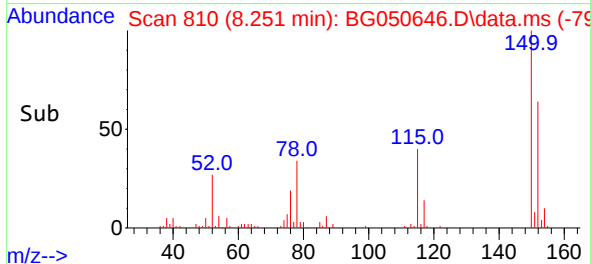
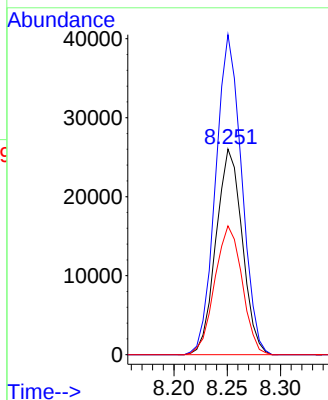
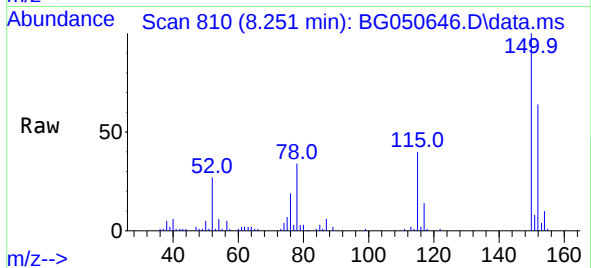




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.251 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

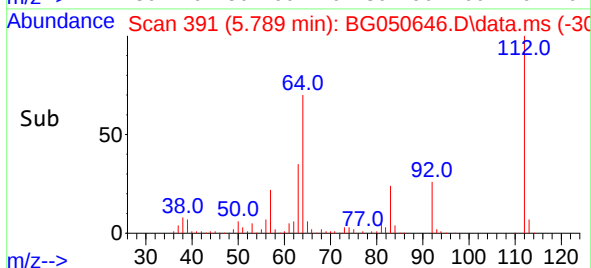
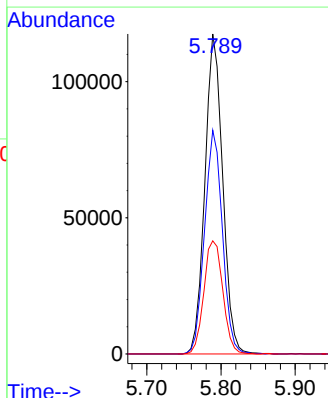
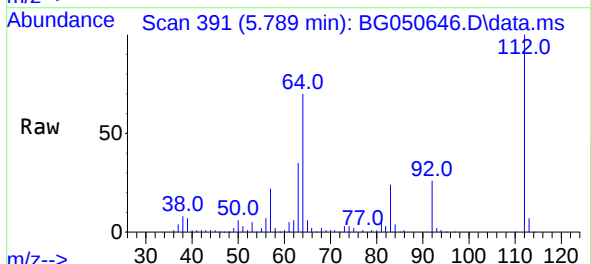
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:152 Resp: 44610
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 65.61 ng
RT: 5.789 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:112 Resp: 195712
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 35.4 35.3 52.9

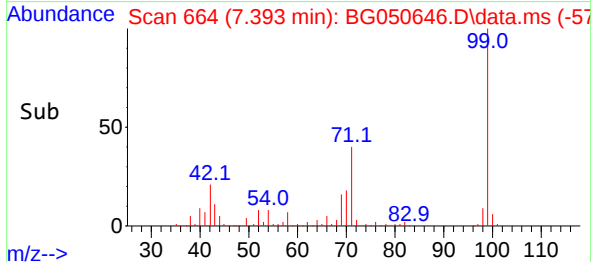
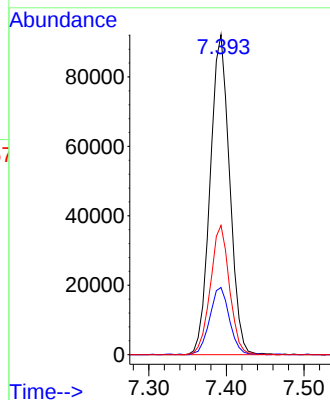
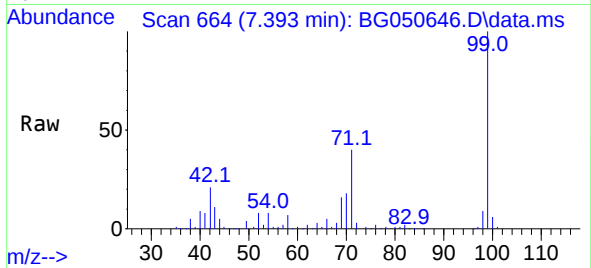




#7
Phenol-d6
Concen: 37.20 ng
RT: 7.393 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

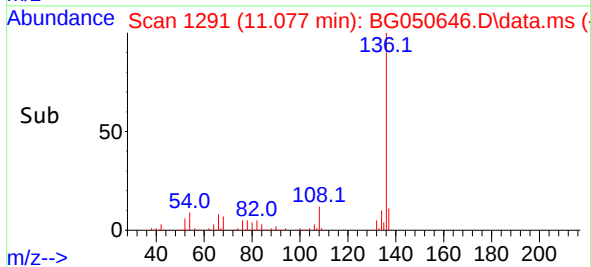
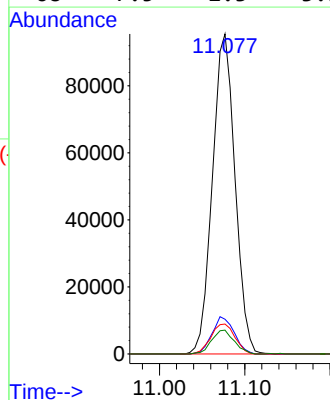
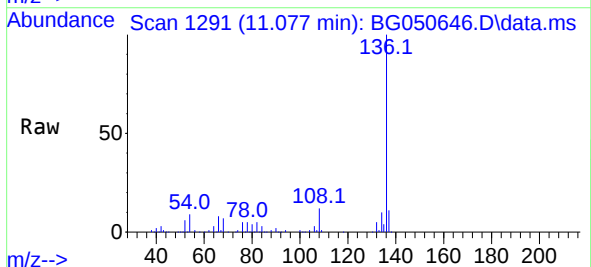
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

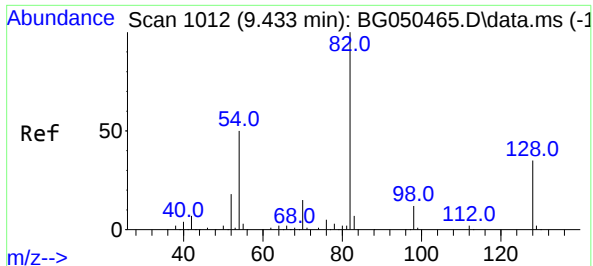
Tgt Ion: 99 Resp: 160642
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 40.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.077 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 136 Resp: 175340
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.4 5.5 8.3#
68 7.5 2.3 3.5#

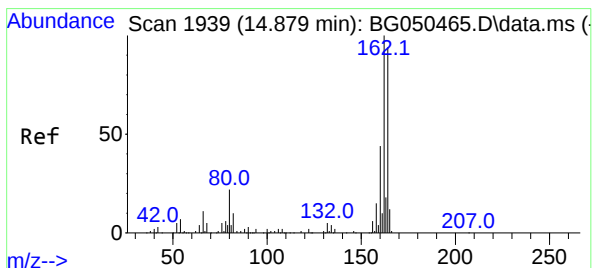
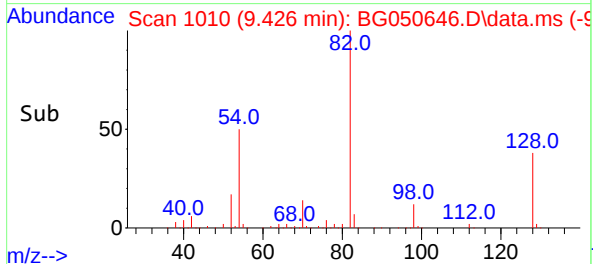
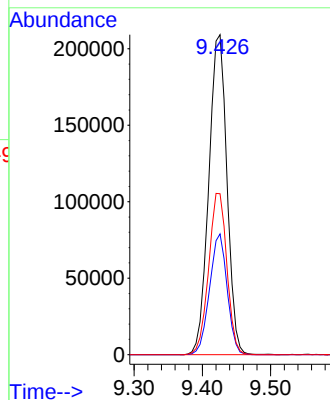
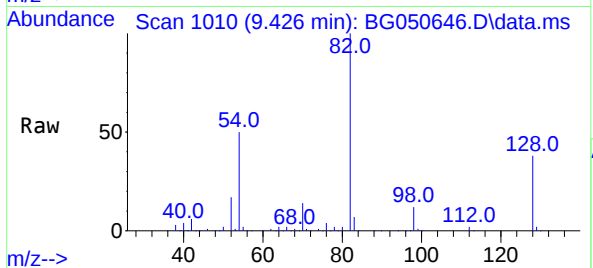




#23
Nitrobenzene-d5
Concen: 91.49 ng
RT: 9.426 min Scan# 1010
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

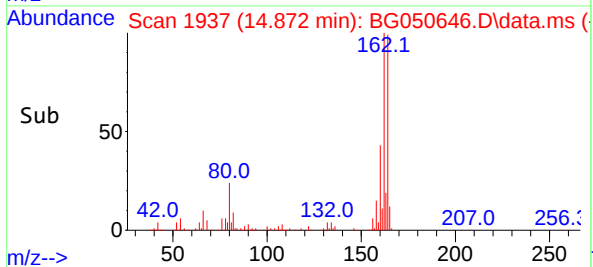
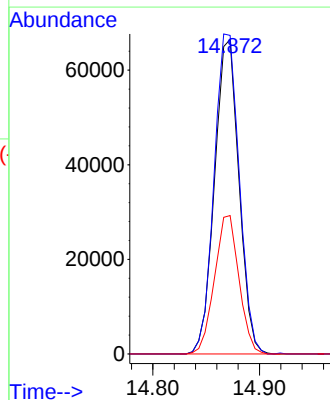
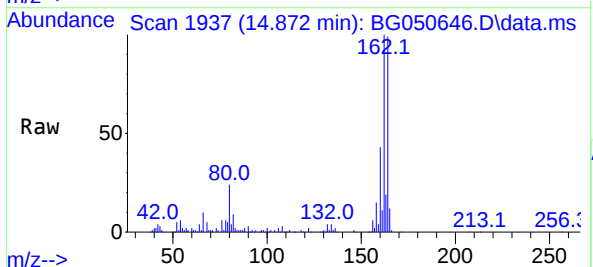
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

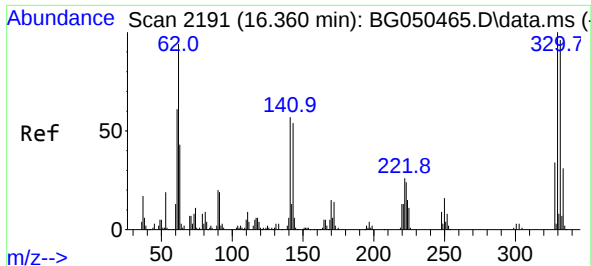
Tgt Ion:	82	Resp:	387504
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.6
54	50.3	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:	164	Resp:	105592
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	44.0	34.9	52.3

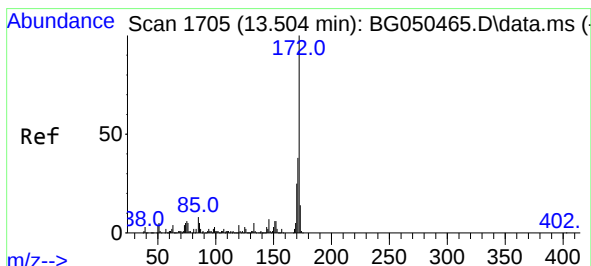
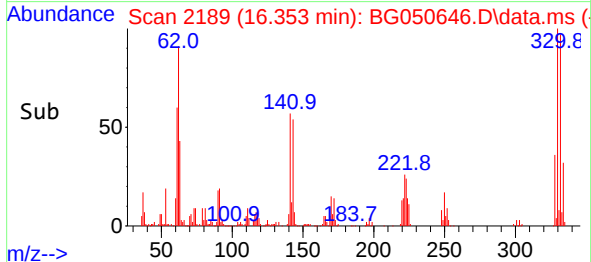
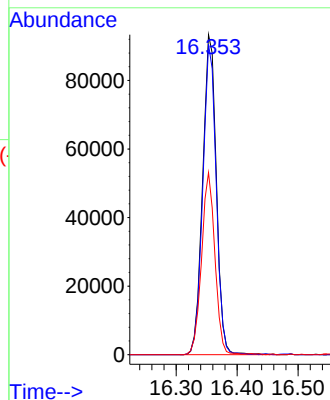
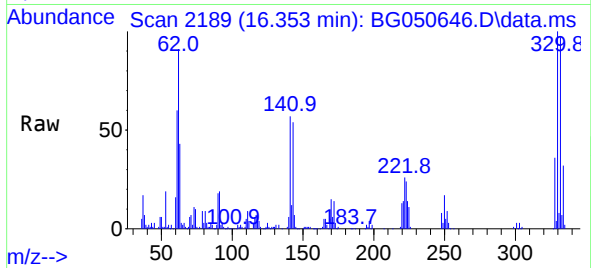




#42
2,4,6-Tribromophenol
Concen: 144.33 ng
RT: 16.353 min Scan# 2189
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

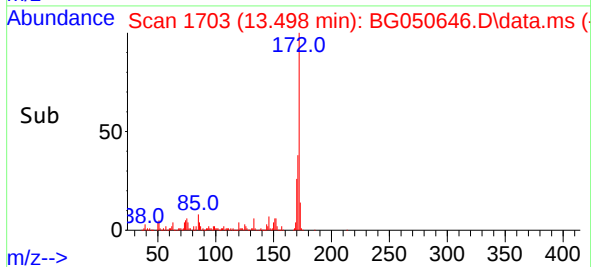
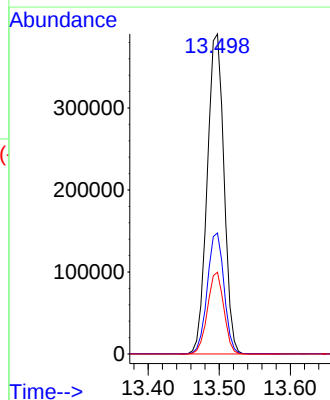
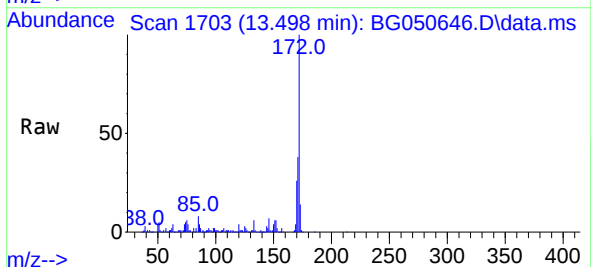
Instrument :
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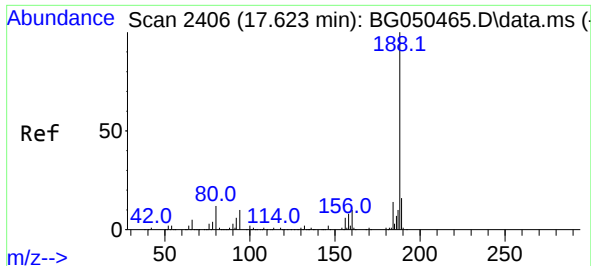
Tgt Ion:330 Resp: 145360
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 55.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 91.37 ng
RT: 13.498 min Scan# 1703
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:172 Resp: 641054
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.6 18.6 27.8

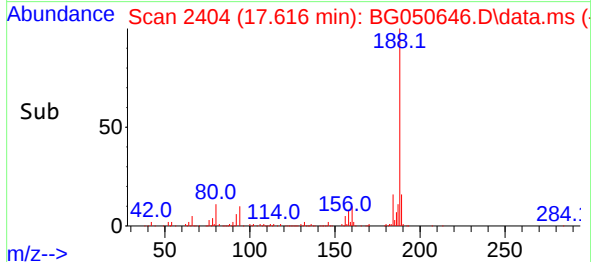
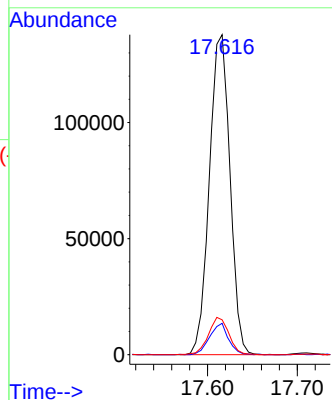
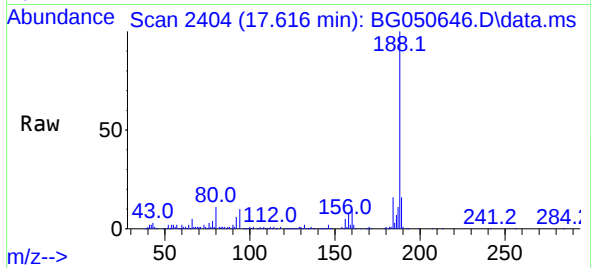




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

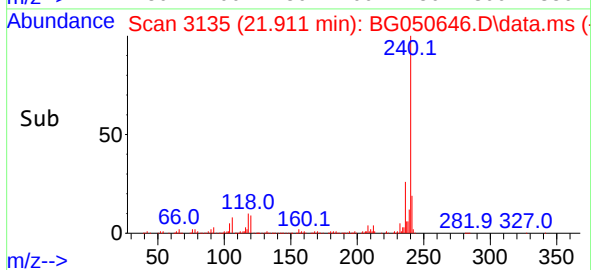
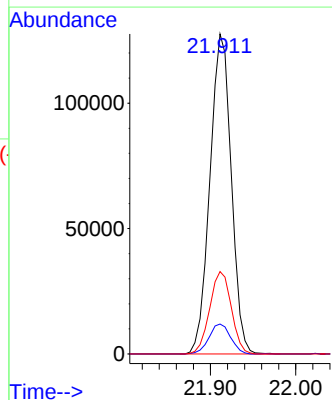
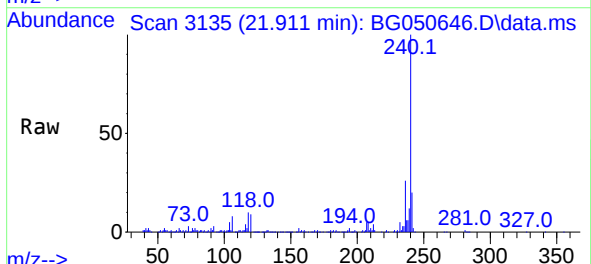
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:188 Resp: 219398
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.9 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: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:240 Resp: 221331
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 25.7 21.8 32.6

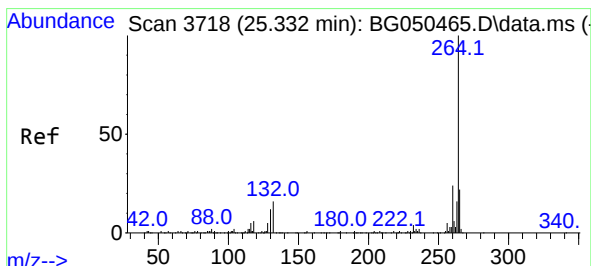
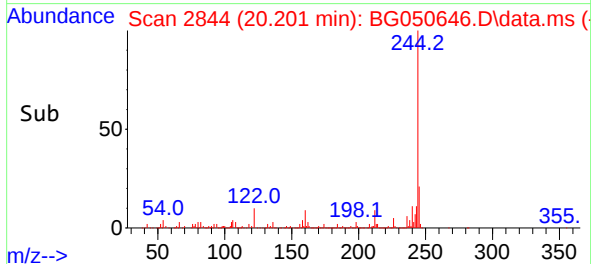
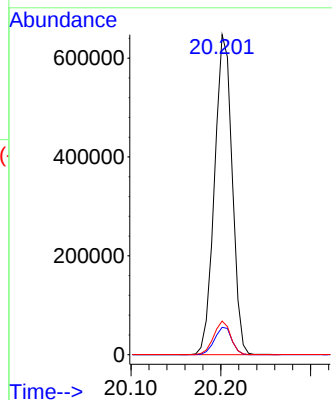
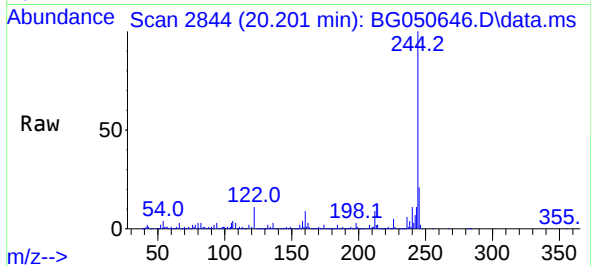




#79
 Terphenyl-d14
 Concen: 77.63 ng
 RT: 20.201 min Scan# 2844
 Delta R.T. -0.008 min
 Lab File: BG050646.D
 Acq: 20 Oct 2021 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-01-(2.0)

Tgt Ion:244 Resp: 881612
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 10.5 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.325 min Scan# 3716
 Delta R.T. -0.008 min
 Lab File: BG050646.D
 Acq: 20 Oct 2021 15:23

Tgt Ion:264 Resp: 219383
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.4 29.2
 265 22.9 16.9 25.3

