

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050487.D
 Acq On : 7 Oct 2021 17:40
 Operator : CG/JU
 Sample : M4113-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Oct 08 05:44:58 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	8.262	152	40438	20.00	ng	0.00
21) Naphthalene-d8	11.082	136	165000	20.00	ng	# 0.00
39) Acenaphthene-d10	14.877	164	108095	20.00	ng	0.00
64) Phenanthrene-d10	17.615	188	250906	20.00	ng	# 0.00
76) Chrysene-d12	21.916	240	243850	20.00	ng	# 0.00
86) Perylene-d12	25.324	264	244279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	302527	111.88	ng	0.00
7) Phenol-d6	7.398	99	416902	106.49	ng	0.00
23) Nitrobenzene-d5	9.431	82	297820	74.72	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	120838	117.20	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	515297	71.75	ng	0.00
79) Terphenyl-d14	20.206	244	850276	67.95	ng	0.00

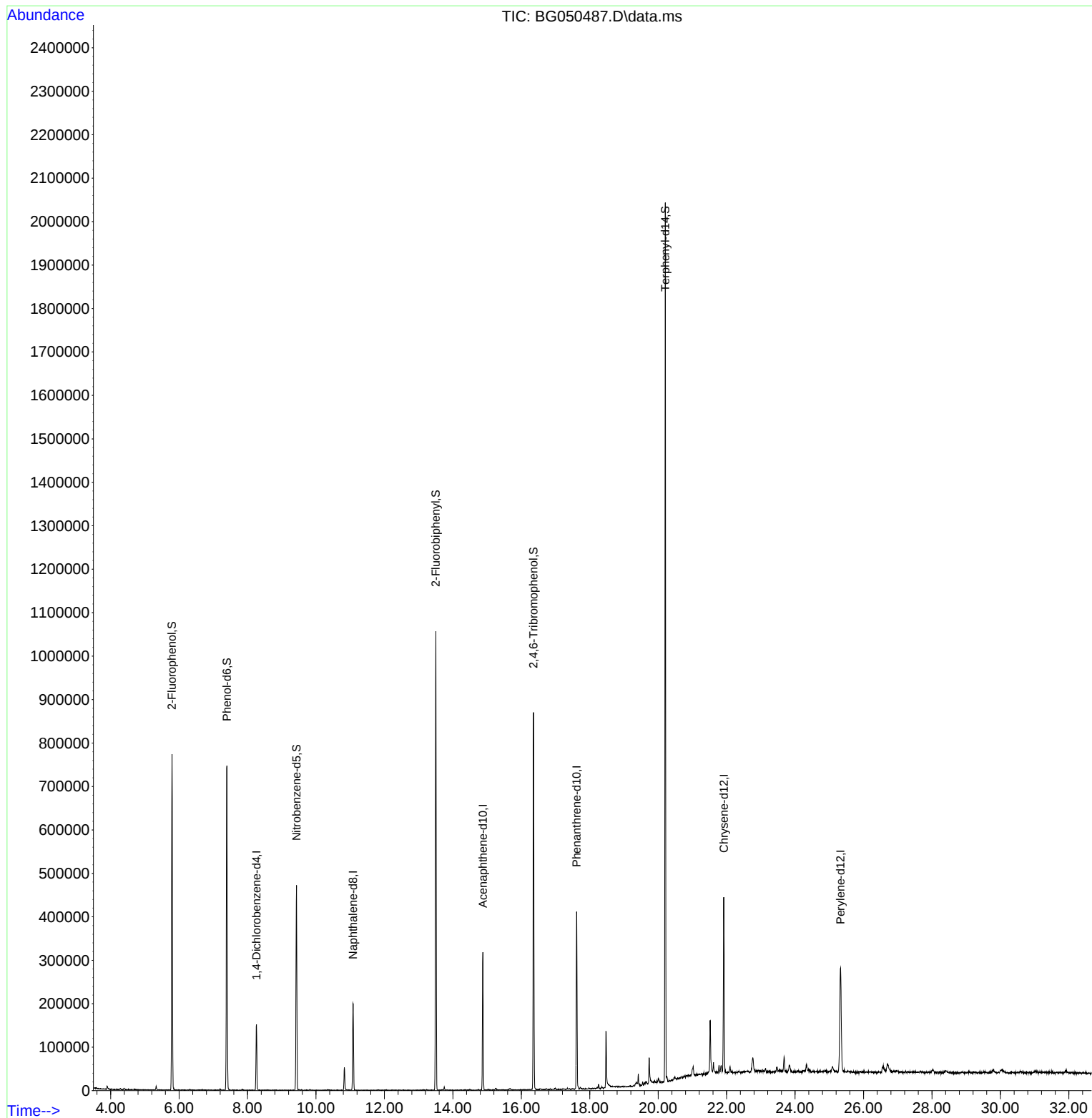
Target Compounds	Qvalue

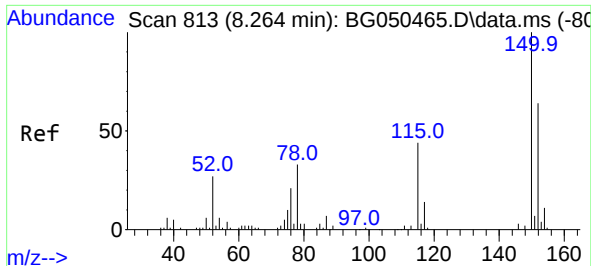
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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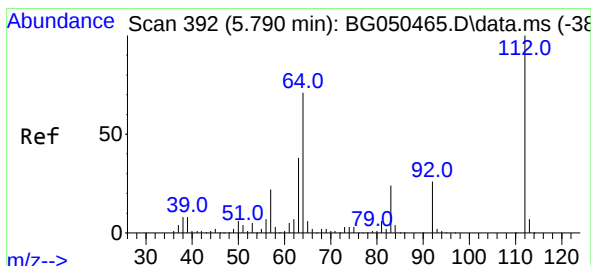
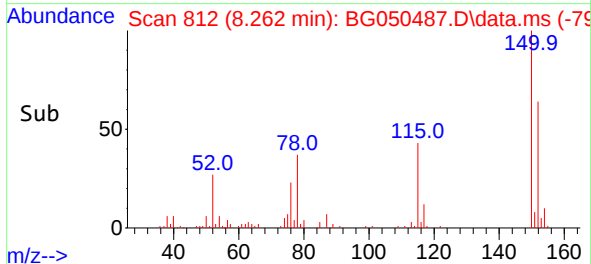
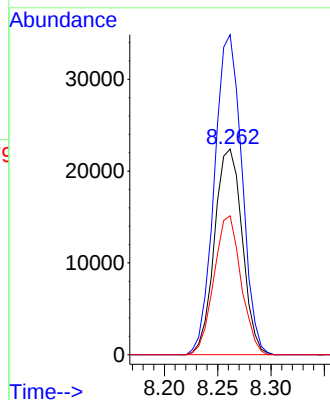
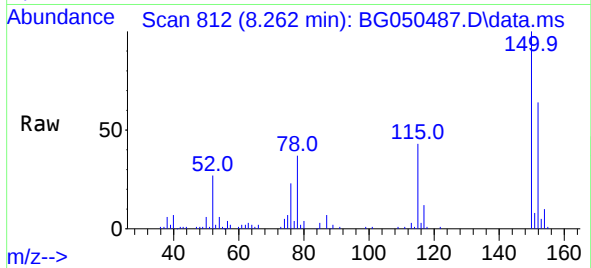




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

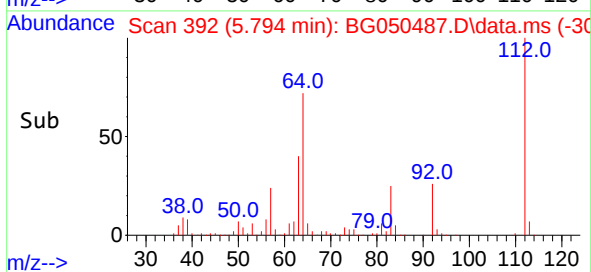
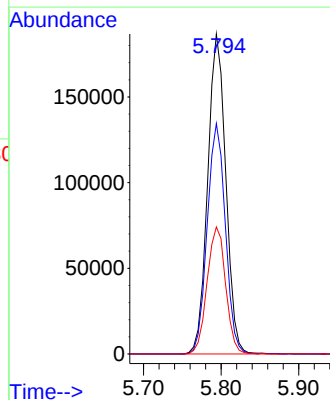
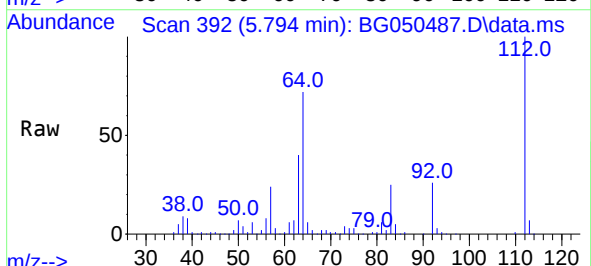
Instrument :
BNA_G
ClientSampleId :
TP-2

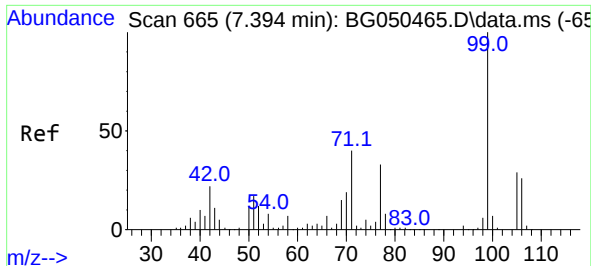
Tgt Ion:152 Resp: 40438
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 67.6 60.2 90.4



#5
2-Fluorophenol
Concen: 111.88 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:112 Resp: 302527
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 39.7 35.3 52.9

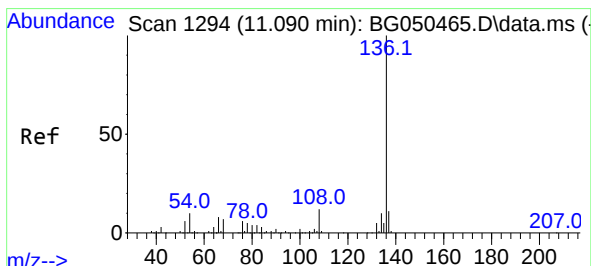
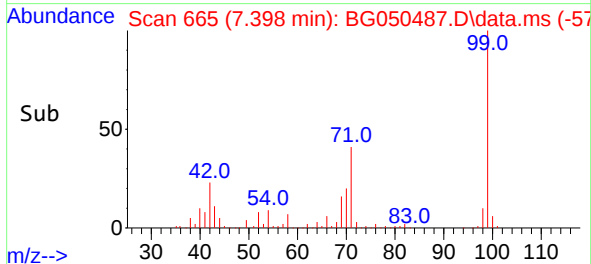
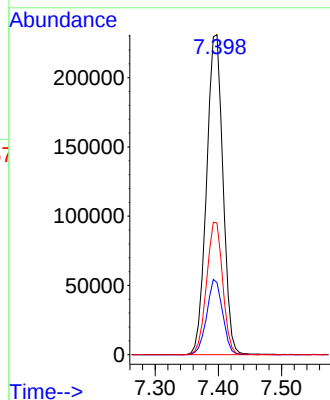
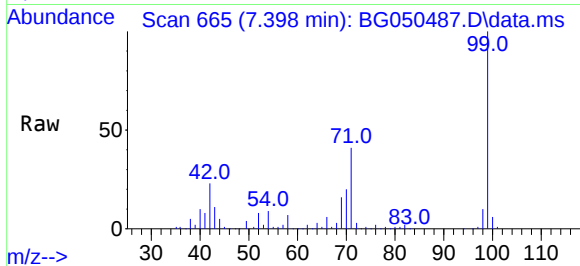




#7
Phenol-d6
Concen: 106.49 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

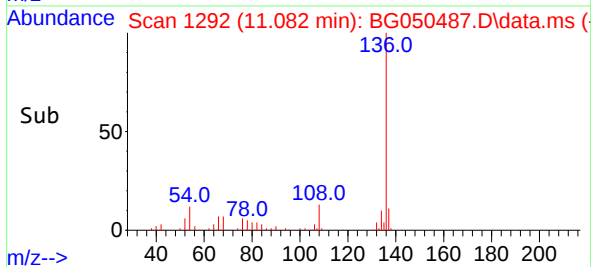
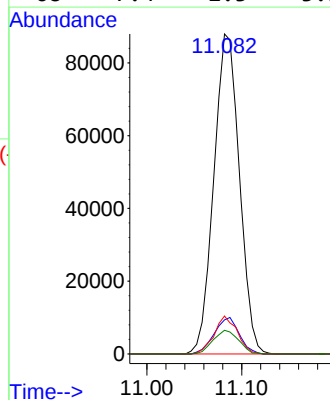
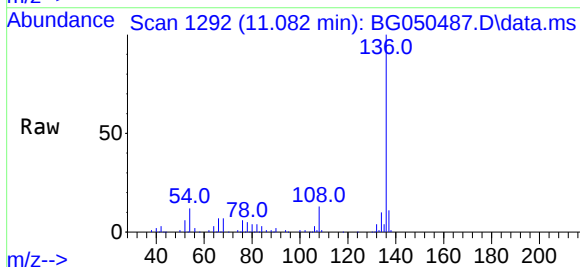
Instrument :
BNA_G
ClientSampled :
TP-2

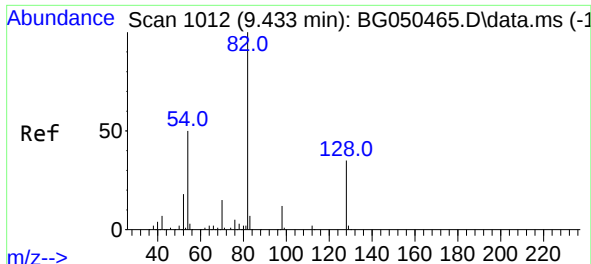
Tgt Ion: 99 Resp: 416902
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 41.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion: 136 Resp: 165000
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 11.9 5.5 8.3#
68 7.4 2.3 3.5#

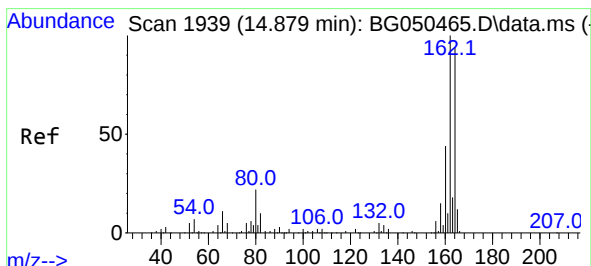
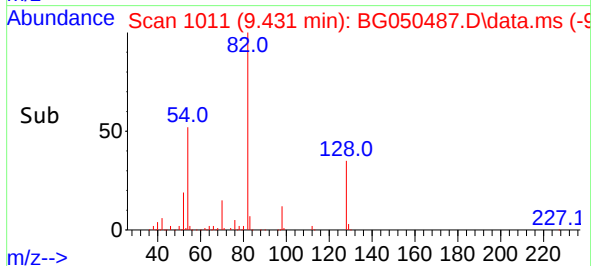
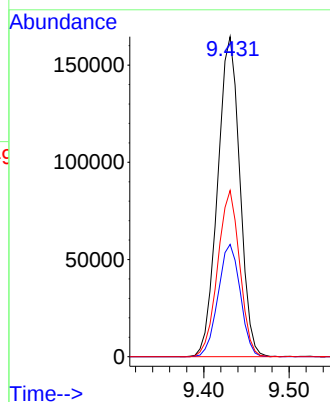
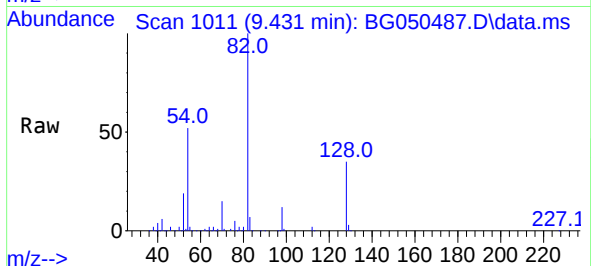




#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

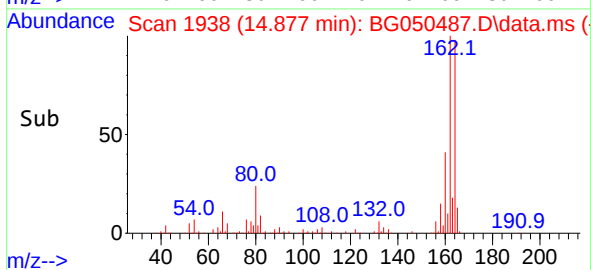
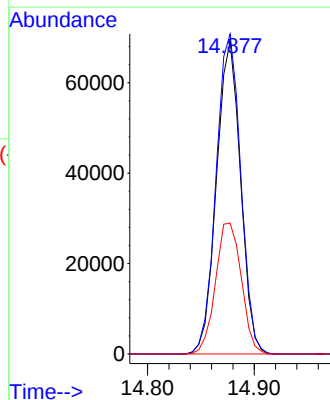
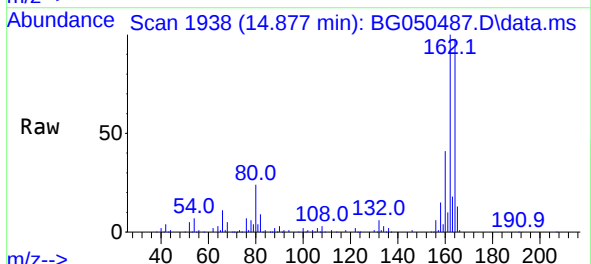
Instrument :
BNA_G
ClientSampled :
TP-2

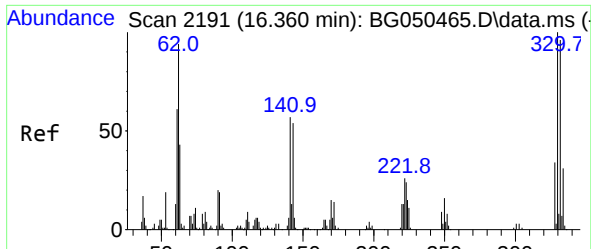
Tgt Ion: 82 Resp: 297820
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 52.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

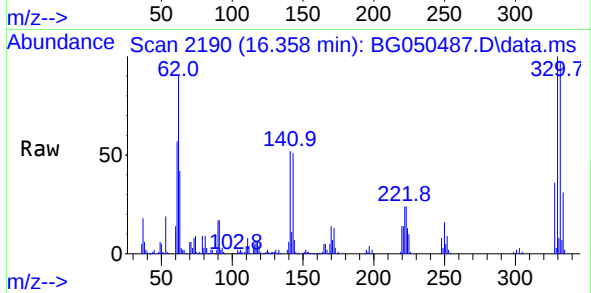
Tgt Ion:164 Resp: 108095
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 41.9 34.9 52.3



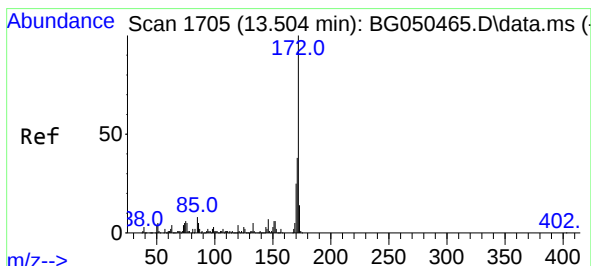
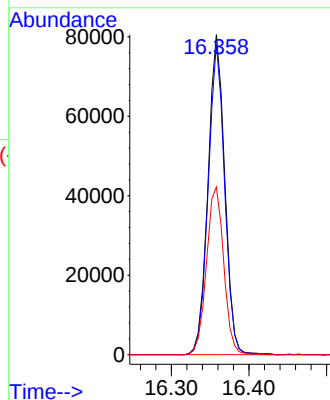
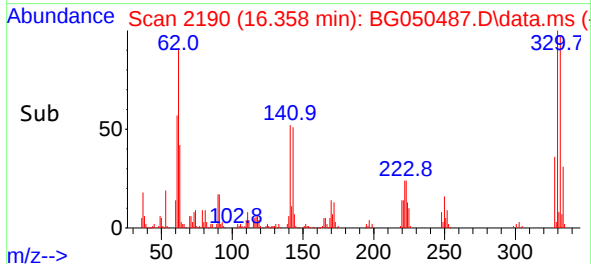


#42
2,4,6-Tribromophenol
Concen: 117.20 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

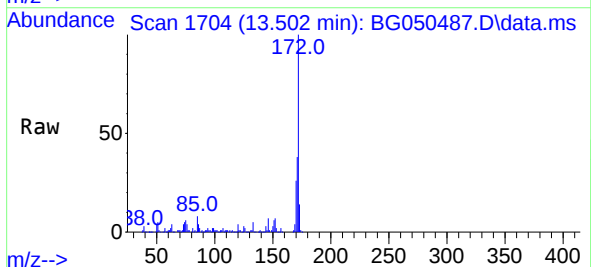
Instrument :
BNA_G
ClientSampled :
TP-2



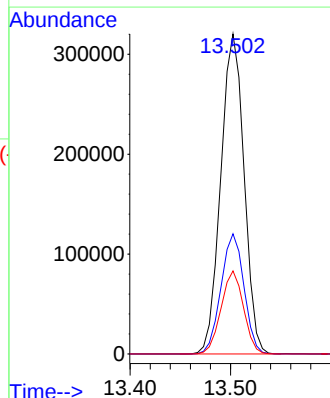
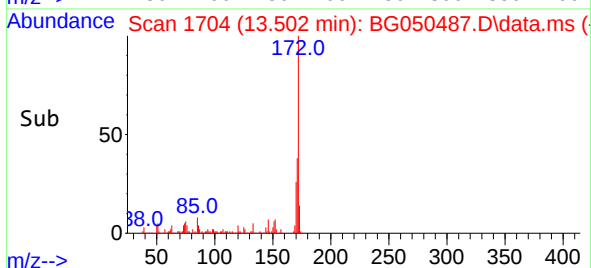
Tgt Ion:330 Resp: 120838
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 54.1 35.6 53.4#

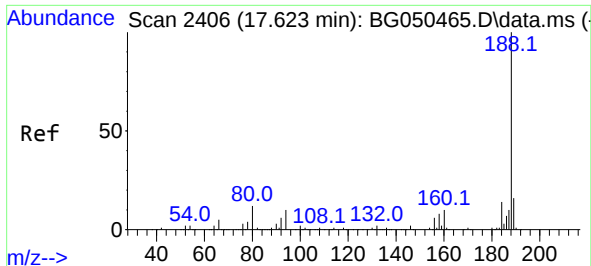


#45
2-Fluorobiphenyl
Concen: 71.75 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40



Tgt Ion:172 Resp: 515297
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.9 18.6 27.8

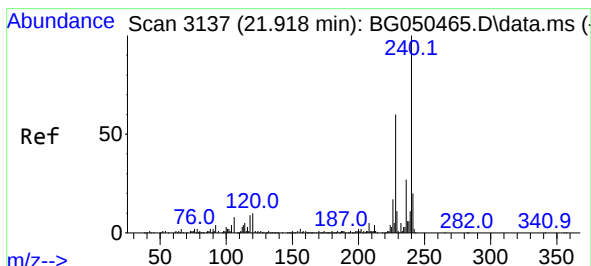
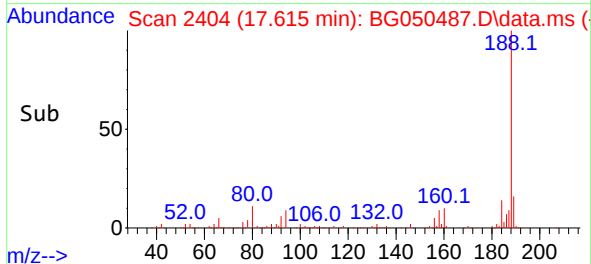
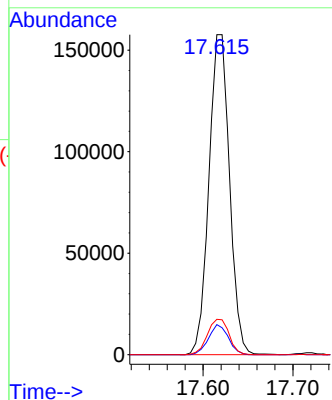
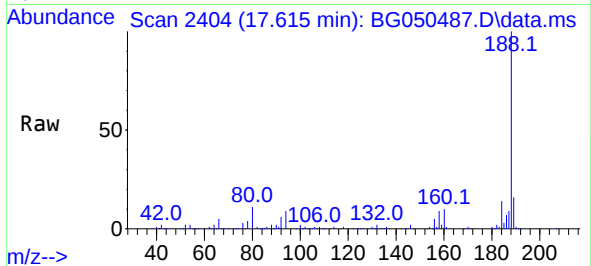




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

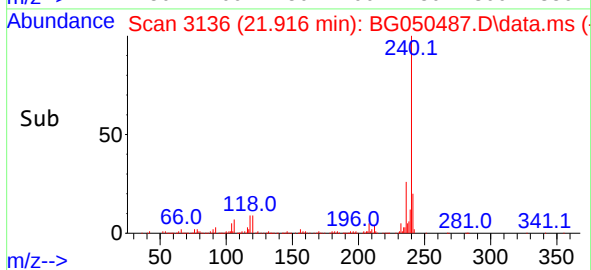
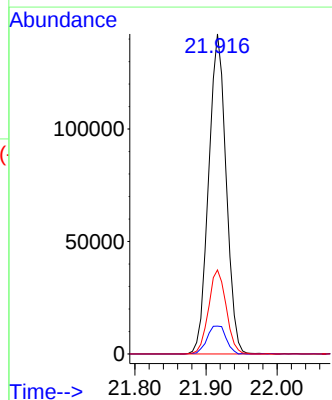
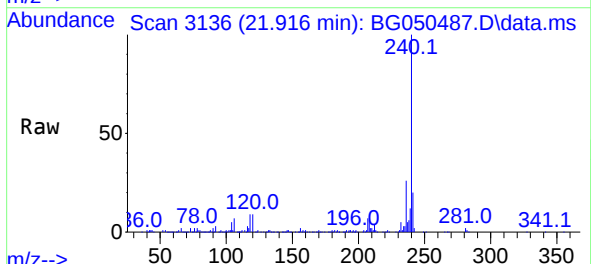
Instrument :
BNA_G
ClientSampled :
TP-2

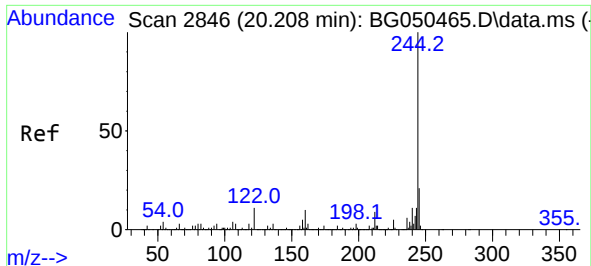
Tgt Ion:188 Resp: 250906
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:240 Resp: 243850
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.3 21.8 32.6

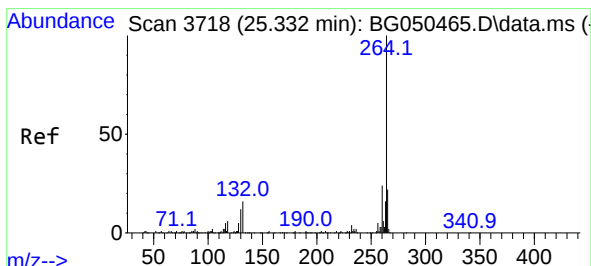
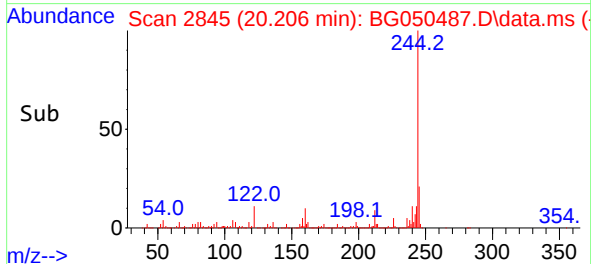
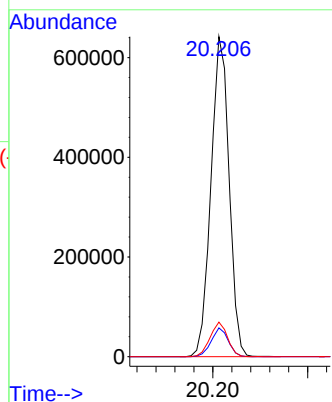
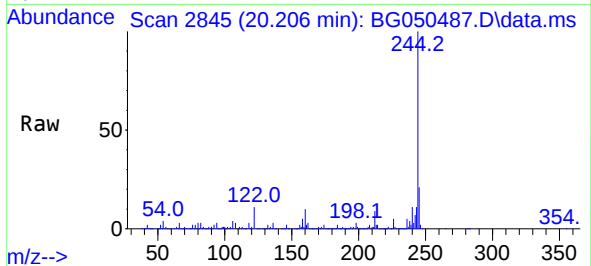




#79
Terphenyl-d14
Concen: 67.95 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Instrument :
BNA_G
ClientSampled :
TP-2

Tgt Ion:244 Resp: 850276
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 10.8 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: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:264 Resp: 244279
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 21.7 16.9 25.3

