

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
 Data File : BG050795.D
 Acq On : 1 Nov 2021 12:23
 Operator : CG/JU
 Sample : PB140358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140358BL

Quant Time: Nov 01 13:31:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 12:35:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	36864	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	161604	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	110935	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	262126	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	225006	20.000	ng	# 0.00
86) Perylene-d12	25.310	264	216911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	341714	138.630	ng	0.00
7) Phenol-d6	7.383	99	456684	127.966	ng	0.00
23) Nitrobenzene-d5	9.411	82	316549	81.086	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	137496	129.943	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	612350	83.076	ng	0.00
79) Terphenyl-d14	20.192	244	1026377	88.897	ng	0.00

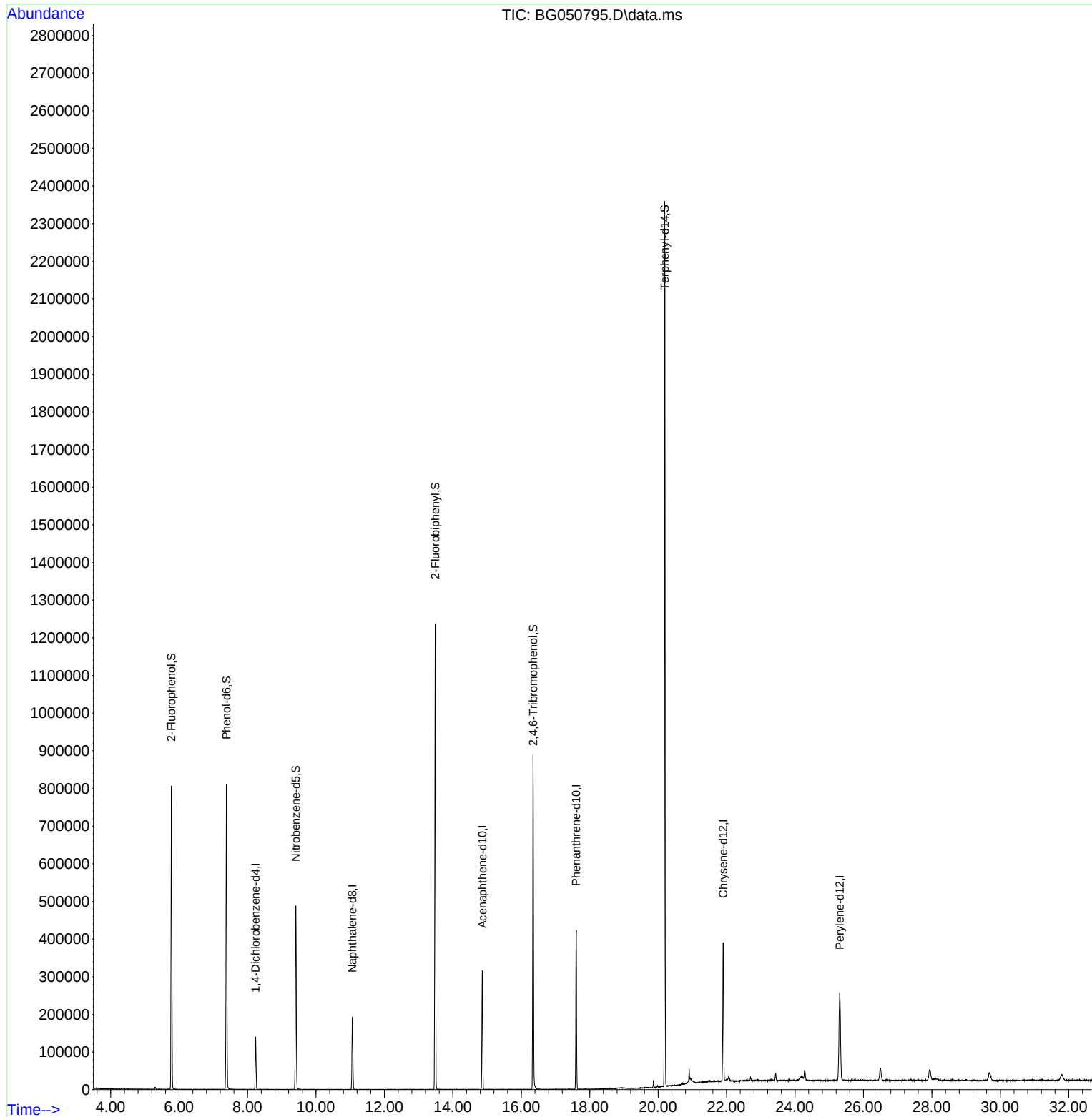
Target Compounds	Qvalue

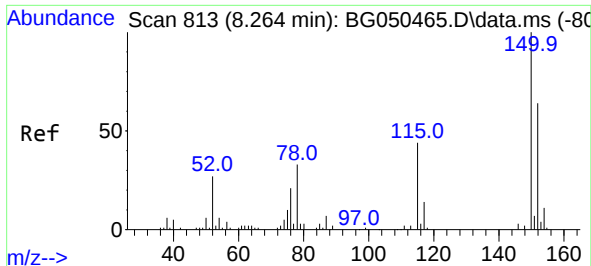
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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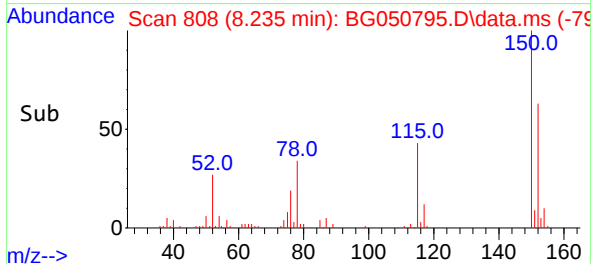
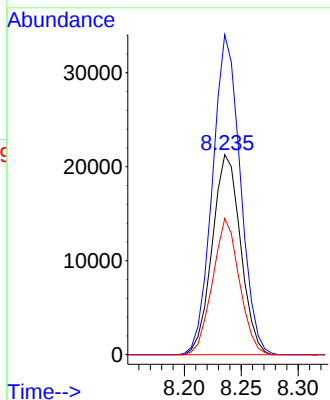
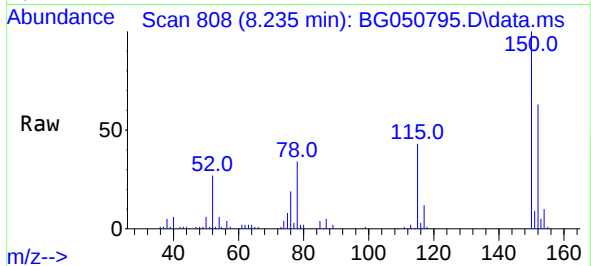




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

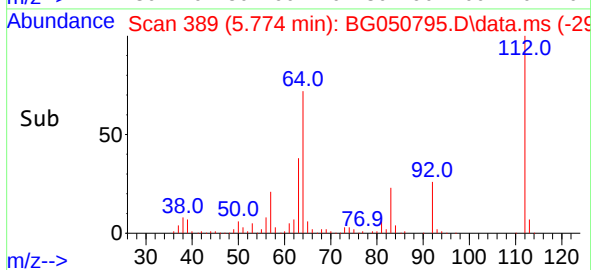
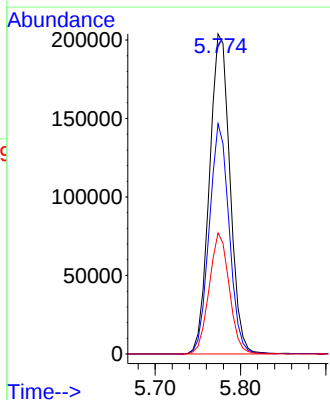
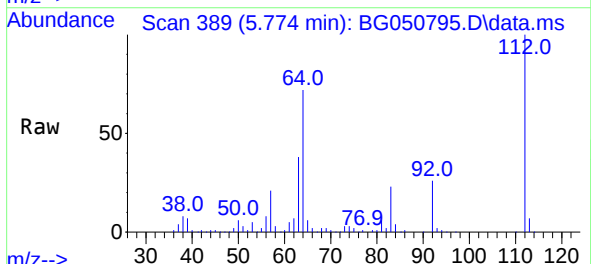
Instrument :
BNA_G
ClientSampleId :
PB140358BL

Tgt Ion:152 Resp: 36864
Ion Ratio Lower Upper
152 100
150 160.0 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 138.630 ng
RT: 5.774 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:112 Resp: 341714
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 37.8 35.3 52.9

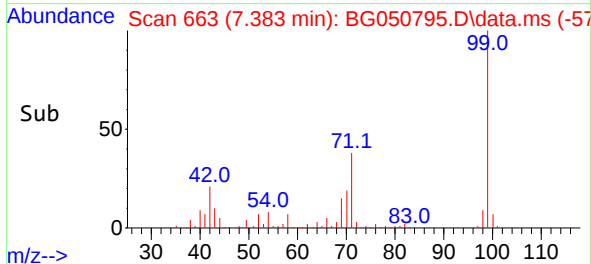
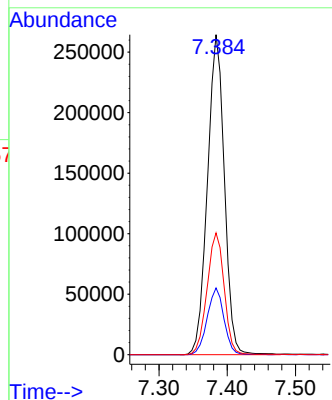
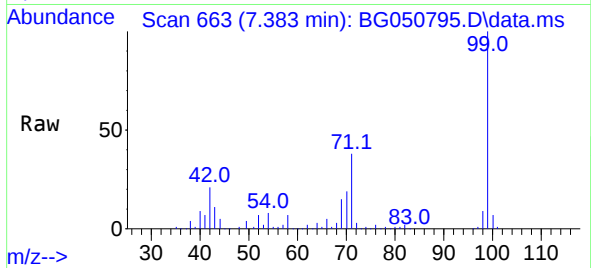




#7
Phenol-d6
Concen: 127.966 ng
RT: 7.383 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

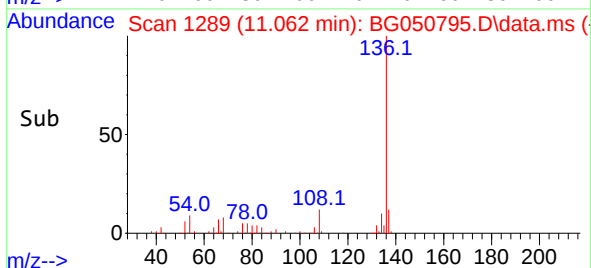
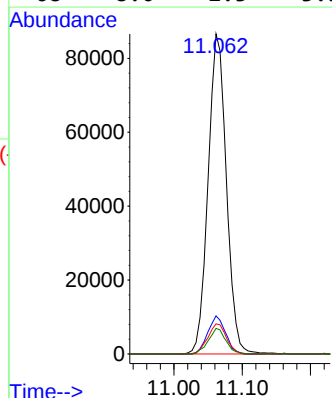
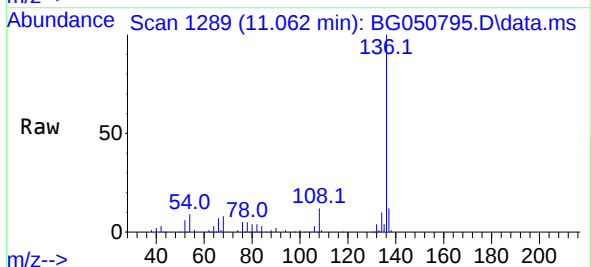
Instrument :
BNA_G
ClientSampleId :
PB140358BL

Tgt Ion: 99 Resp: 456684
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 38.1 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion: 136 Resp: 161604
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 9.4 5.5 8.3#
68 8.0 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 81.086 ng

RT: 9.411 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BG050795.D

Acq: 1 Nov 2021 12:23

Instrument :

BNA_G

ClientSampleId :

PB140358BL

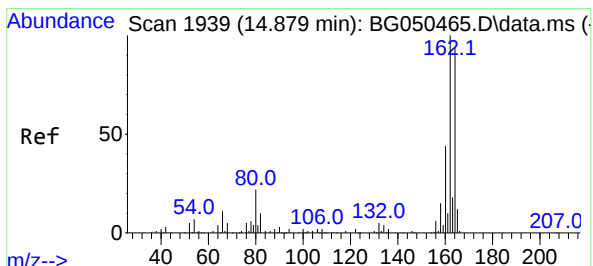
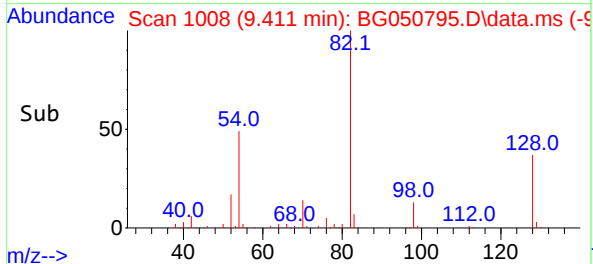
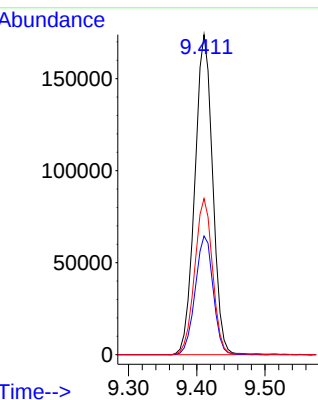
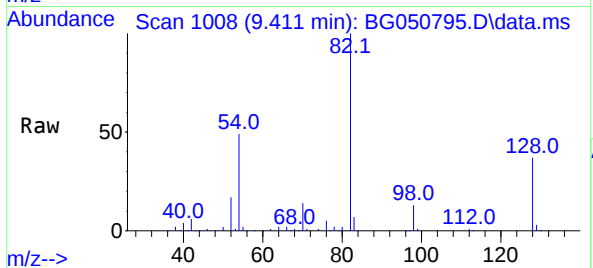
Tgt Ion: 82 Resp: 316549

Ion Ratio Lower Upper

82 100

128 37.1 29.8 44.6

54 48.8 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BG050795.D

Acq: 1 Nov 2021 12:23

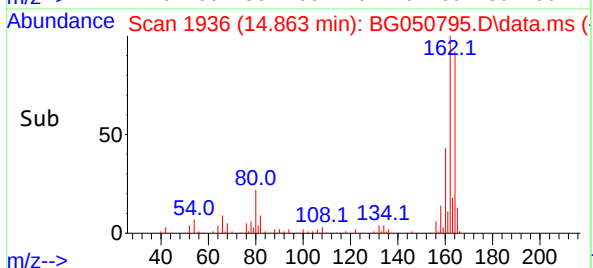
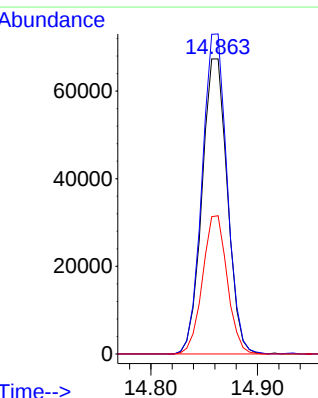
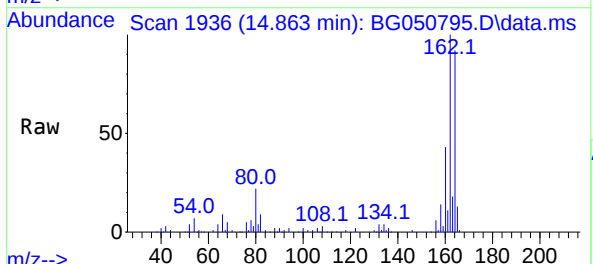
Tgt Ion:164 Resp: 110935

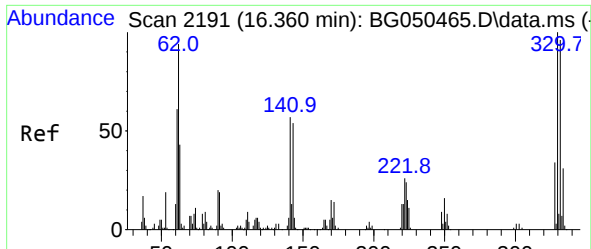
Ion Ratio Lower Upper

164 100

162 108.4 81.4 122.0

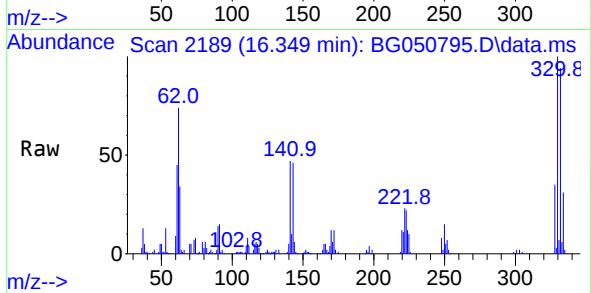
160 46.8 34.9 52.3



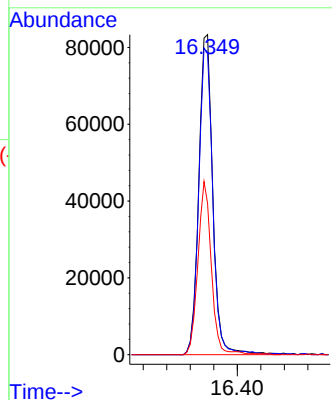
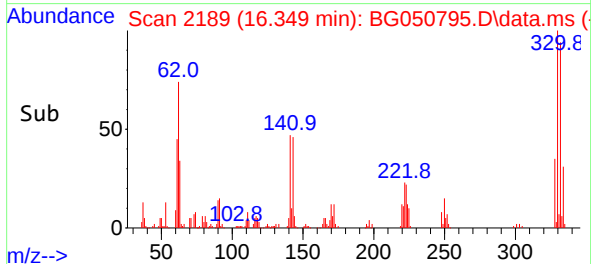


#42
2,4,6-Tribromophenol
Concen: 129.943 ng
RT: 16.349 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

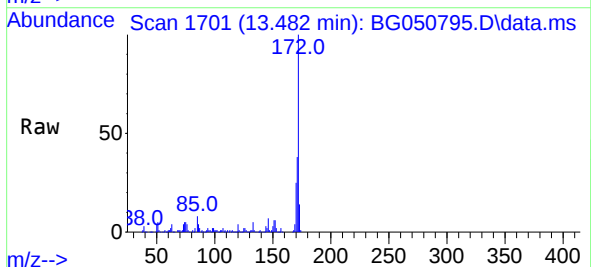
Instrument :
BNA_G
ClientSampleId :
PB140358BL



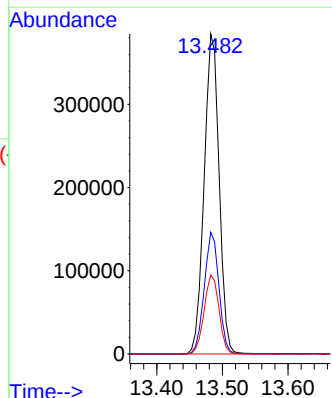
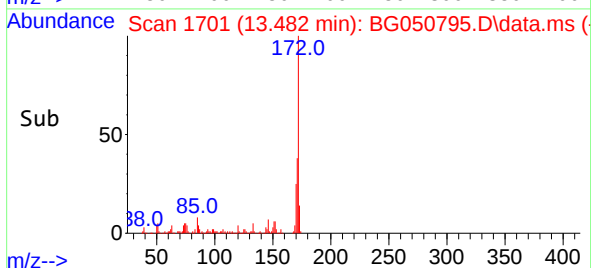
Tgt Ion:330 Resp: 137496
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 51.8 35.6 53.4

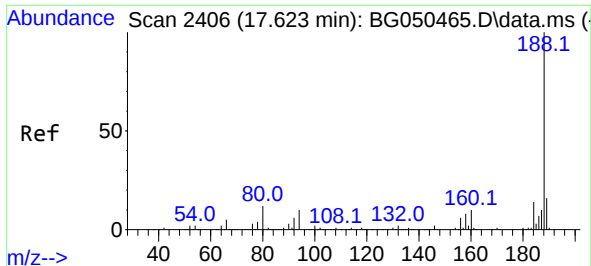


#45
2-Fluorobiphenyl
Concen: 83.076 ng
RT: 13.482 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23



Tgt Ion:172 Resp: 612350
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 24.7 18.6 27.8

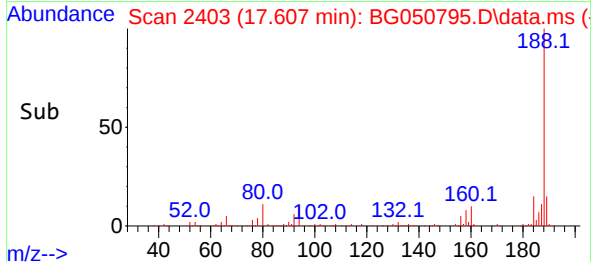
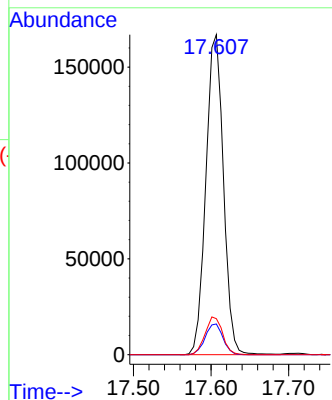
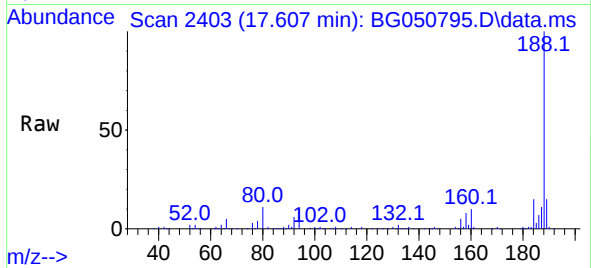




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

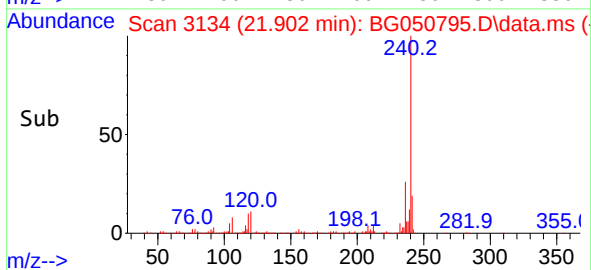
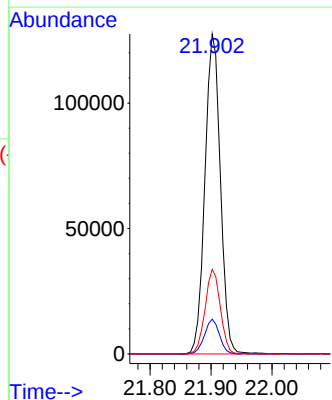
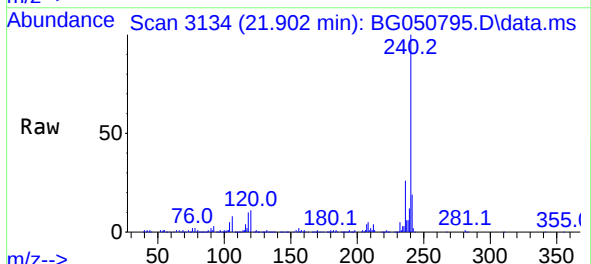
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 262126
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG050795.D
Acq: 1 Nov 2021 12:23

Tgt Ion:240 Resp: 225006
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.2#
236 26.4 21.8 32.6

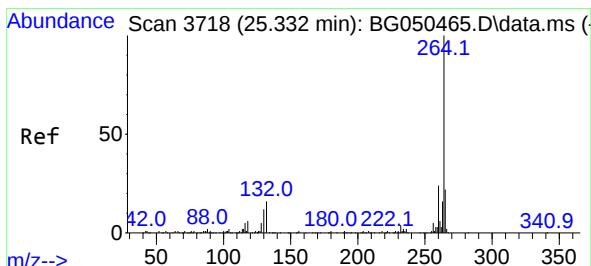
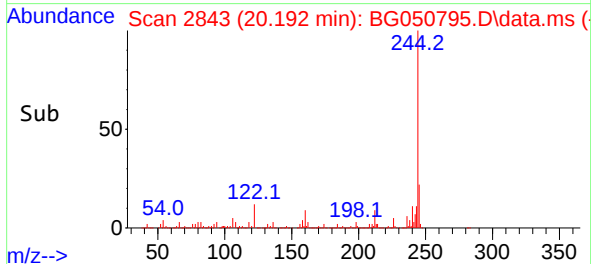
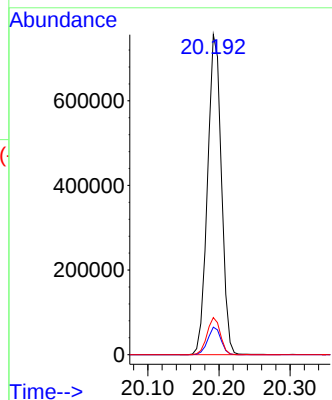
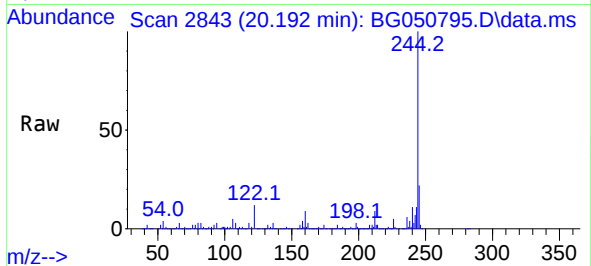




#79
 Terphenyl-d14
 Concen: 88.897 ng
 RT: 20.192 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG050795.D
 Acq: 1 Nov 2021 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB140358BL

Tgt Ion:244 Resp: 1026377
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 11.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.310 min Scan# 3714
 Delta R.T. -0.000 min
 Lab File: BG050795.D
 Acq: 1 Nov 2021 12:23

Tgt Ion:264 Resp: 216911
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.1 16.9 25.3

