

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053749.D
 Acq On : 28 May 2022 13:51
 Operator : CG/JU
 Sample : N3080-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: May 29 02:19:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	20106	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	79976	20.000	ng	0.00
39) Acenaphthene-d10	14.590	164	55675	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	124191	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	126276	20.000	ng	-0.01
86) Perylene-d12	24.782	264	129395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	161196	136.065	ng	0.00
7) Phenol-d6	7.147	99	181431	100.909	ng	0.00
23) Nitrobenzene-d5	9.115	82	111627	59.415	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	97290	118.481	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	283359	74.372	ng	0.00
79) Terphenyl-d14	19.947	244	510776	75.335	ng	0.00

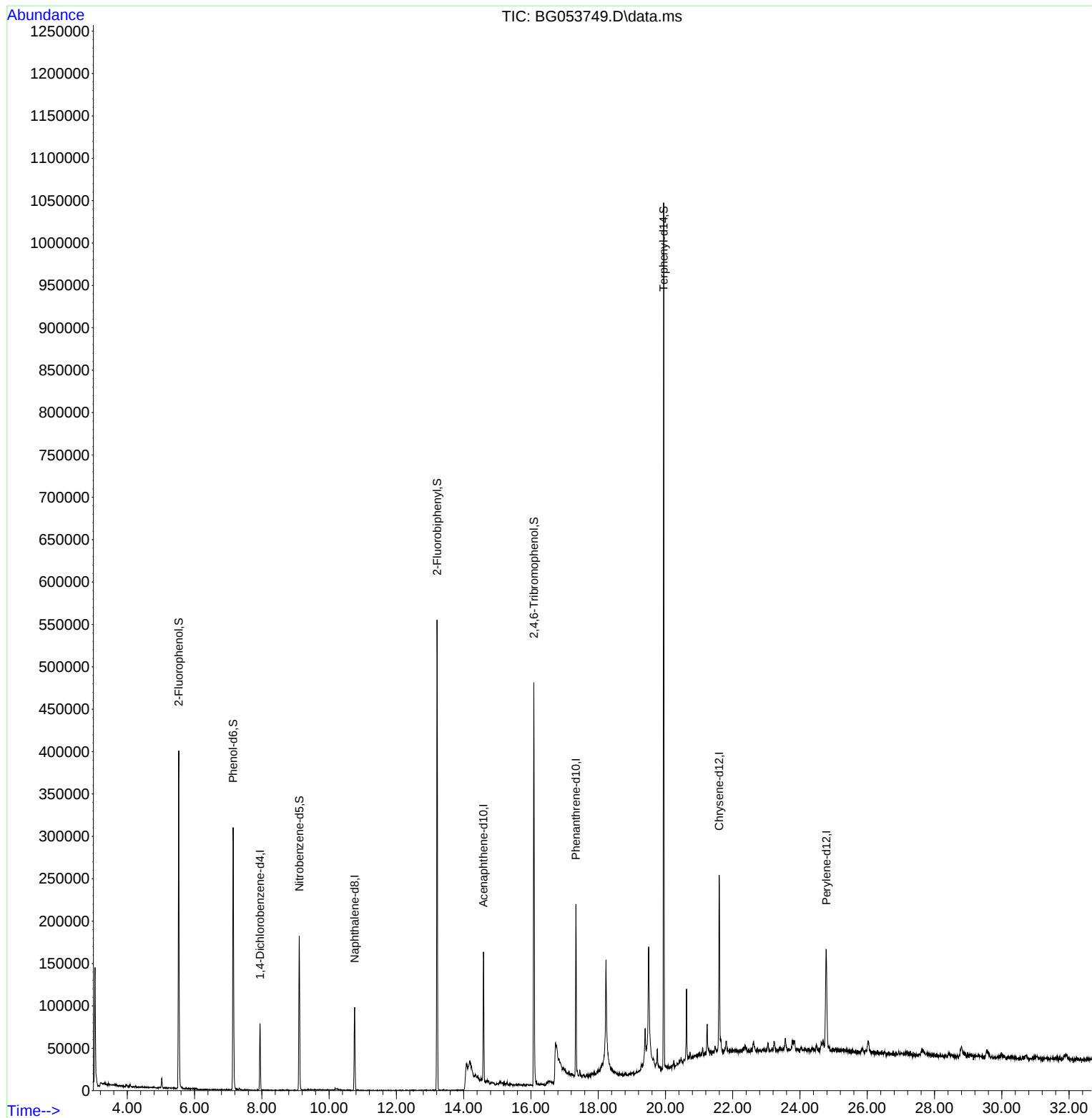
Target Compounds	Qvalue

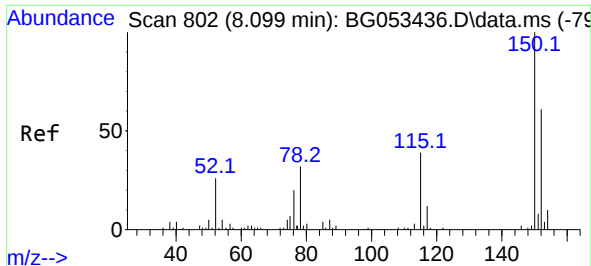
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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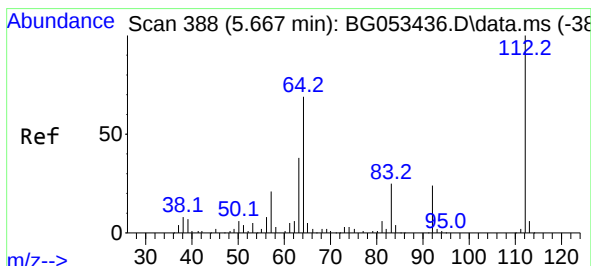
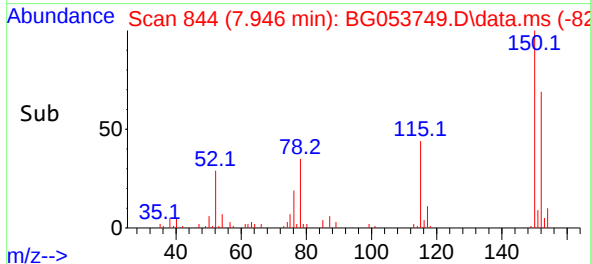
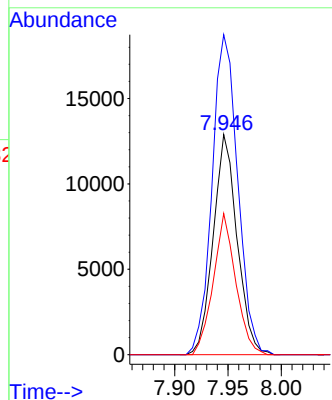
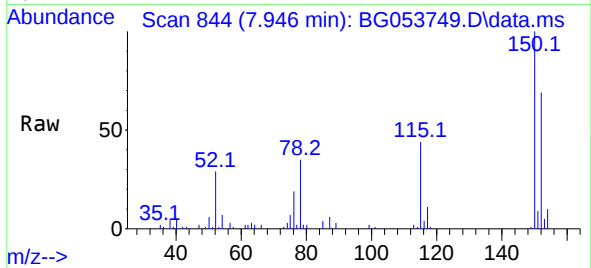




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

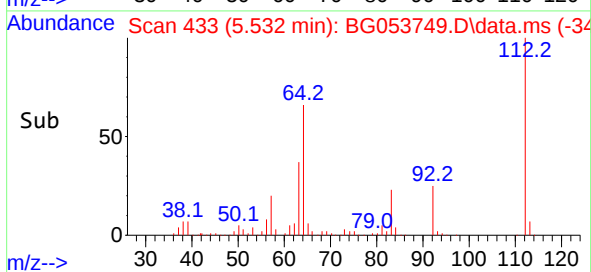
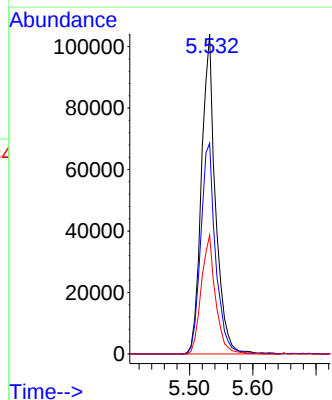
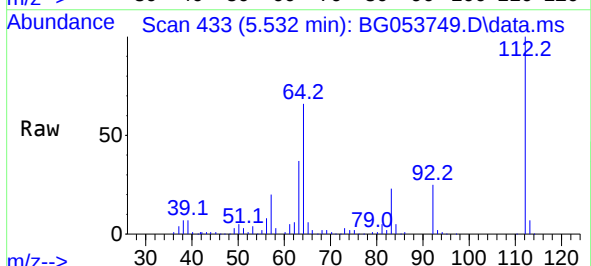
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 20106
Ion Ratio Lower Upper
152 100
150 145.3 131.6 197.4
115 64.1 50.9 76.3



#5
2-Fluorophenol
Concen: 136.065 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:112 Resp: 161196
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 37.2 30.4 45.6

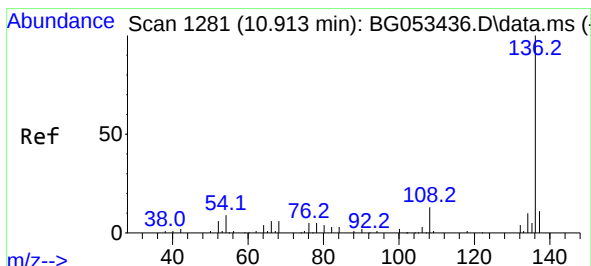
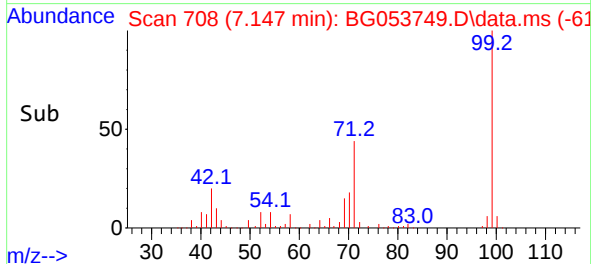
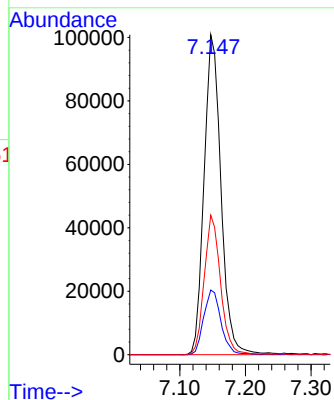
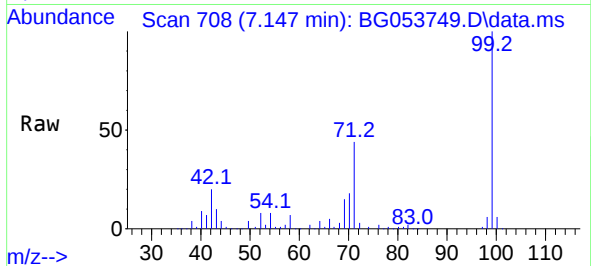




#7
Phenol-d6
Concen: 100.909 ng
RT: 7.147 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

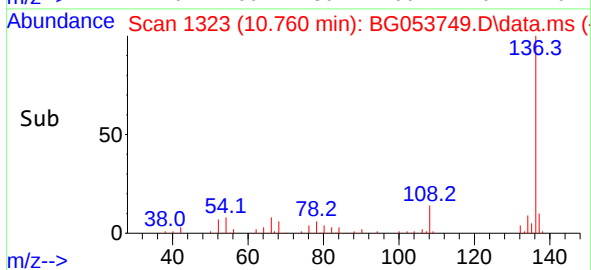
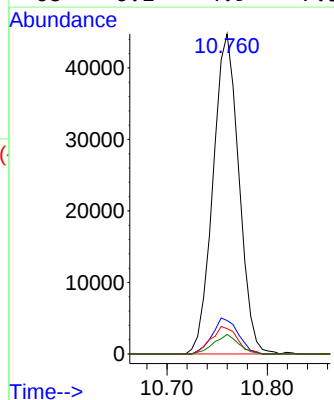
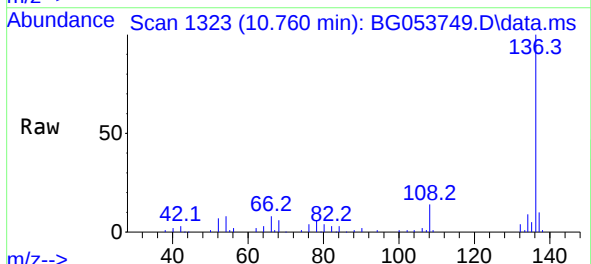
Instrument :
BNA_G
ClientSampleId :
WC-5

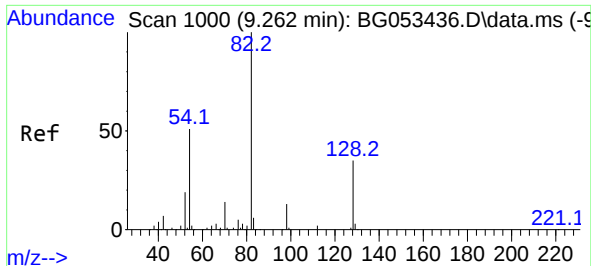
Tgt Ion: 99 Resp: 181431
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion: 136 Resp: 79976
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 7.9 7.4 11.2
68 6.1 4.9 7.3

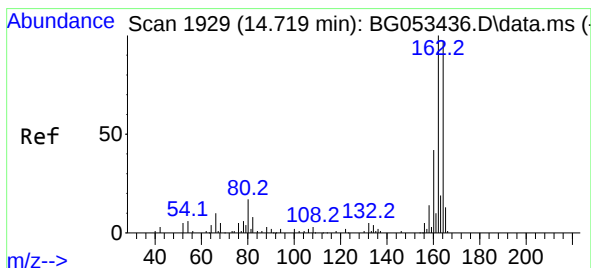
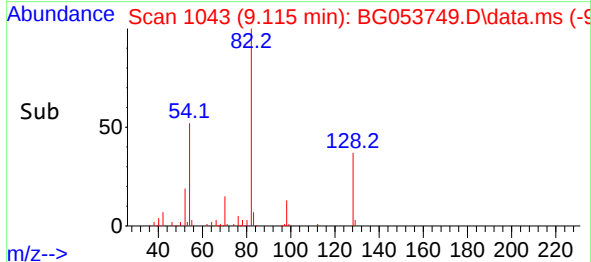
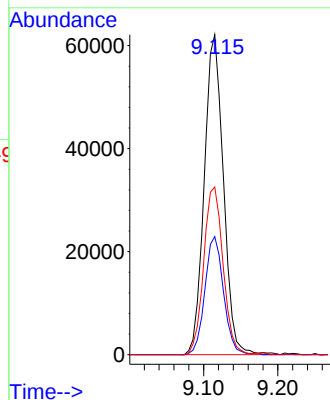
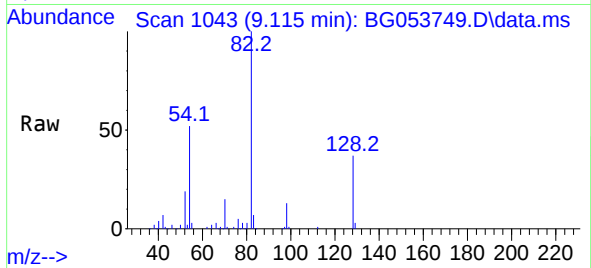




#23
Nitrobenzene-d5
Concen: 59.415 ng
RT: 9.115 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

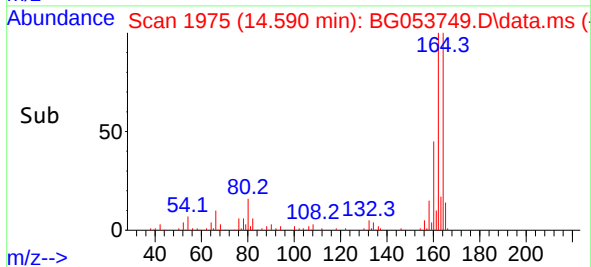
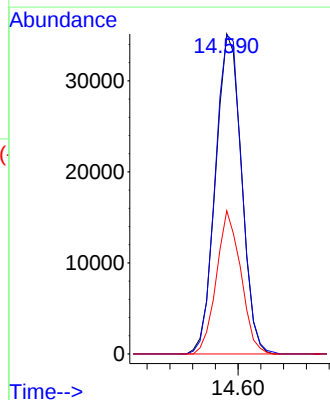
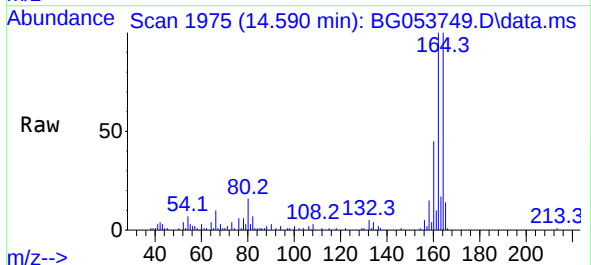
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 82 Resp: 111627
Ion Ratio Lower Upper
82 100
128 36.9 27.9 41.9
54 52.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.590 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:164 Resp: 55675
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 44.8 34.2 51.2

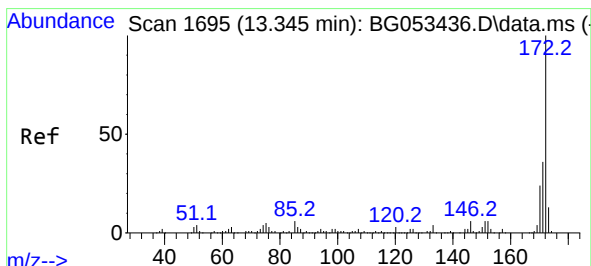
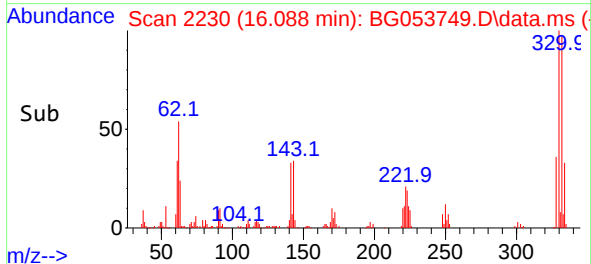
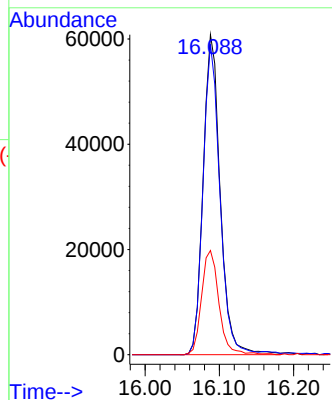
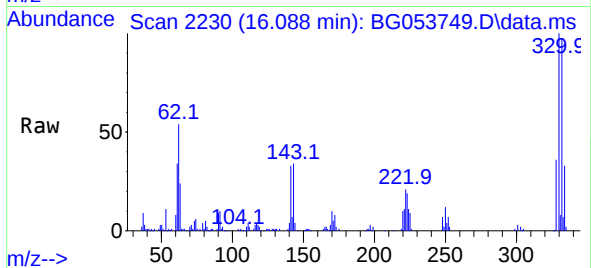




#42
2,4,6-Tribromophenol
Concen: 118.481 ng
RT: 16.088 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

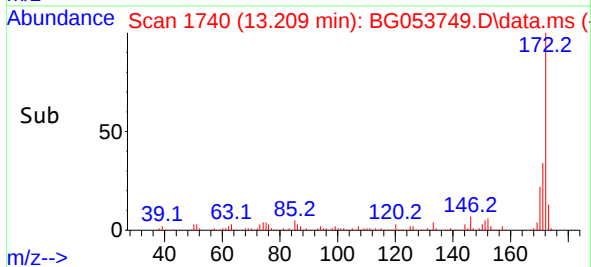
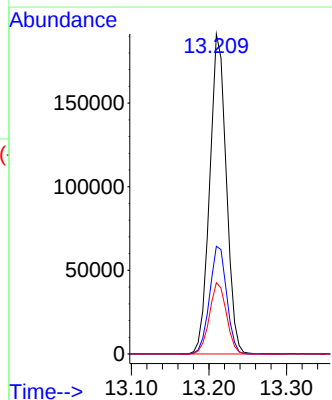
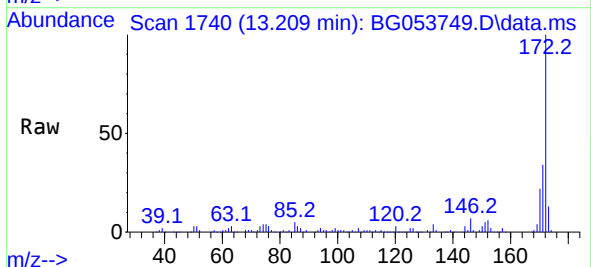
Instrument :
BNA_G
ClientSampleId :
WC-5

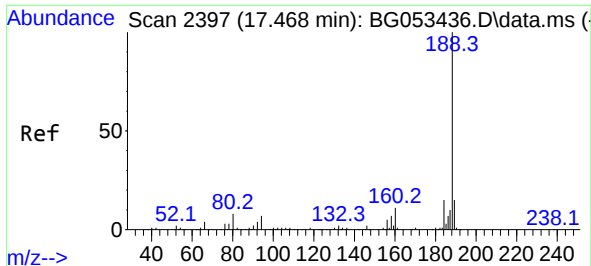
Tgt Ion:330 Resp: 97290
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 33.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 74.372 ng
RT: 13.209 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:172 Resp: 283359
Ion Ratio Lower Upper
172 100
171 33.6 28.5 42.7
170 22.2 18.9 28.3

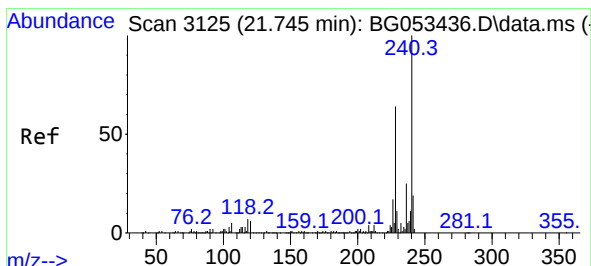
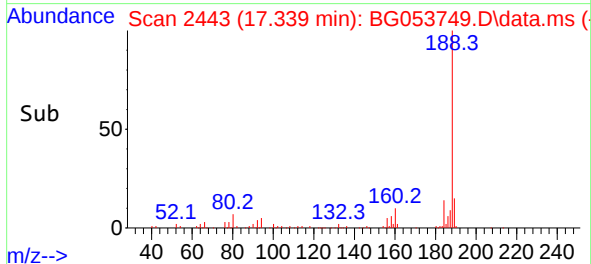
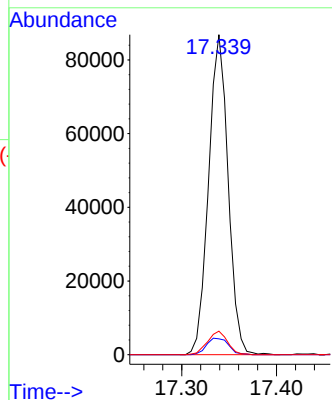
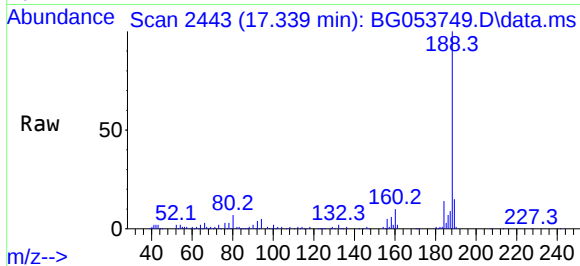




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

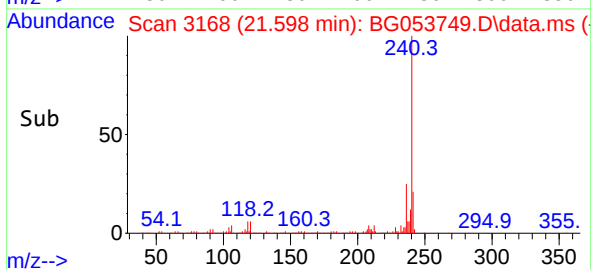
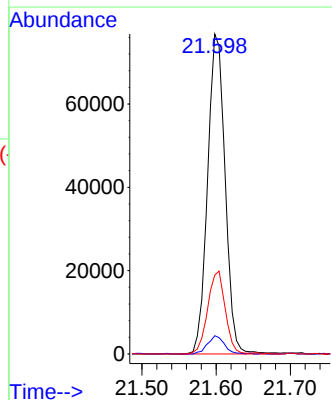
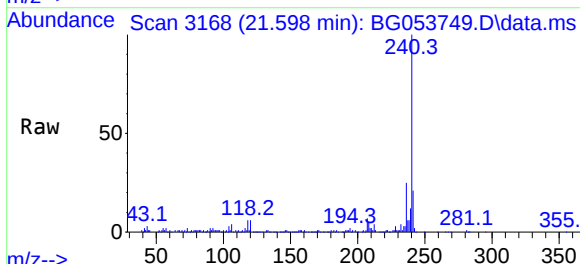
Instrument :
BNA_G
ClientSampleId :
WC-5

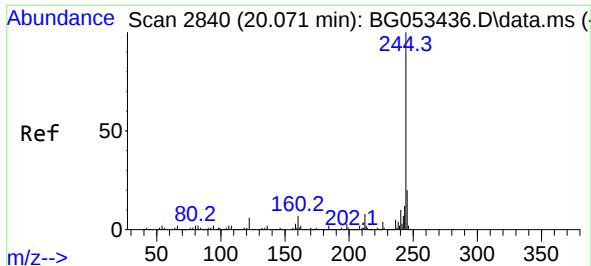
Tgt Ion:188 Resp: 124191
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:240 Resp: 126276
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.6 20.2 30.4

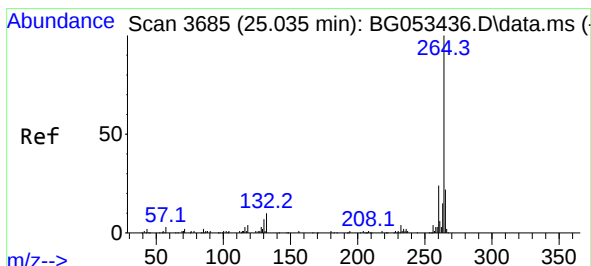
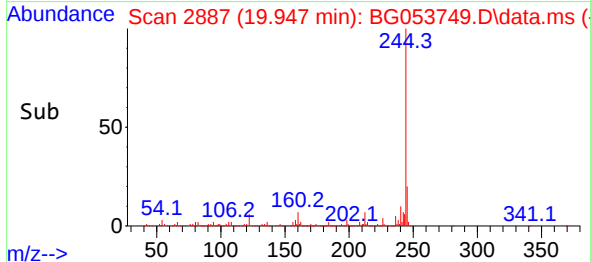
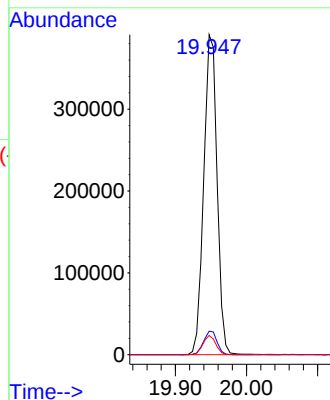
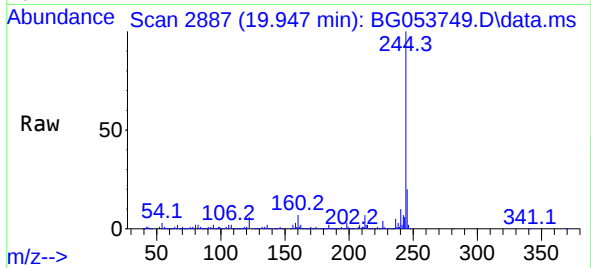




#79
 Terphenyl-d14
 Concen: 75.335 ng
 RT: 19.947 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053749.D
 Acq: 28 May 2022 13:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 510776
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.782 min Scan# 3710
 Delta R.T. -0.005 min
 Lab File: BG053749.D
 Acq: 28 May 2022 13:51

Tgt Ion:264 Resp: 129395
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 23.1 17.4 26.2

