

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053637.D
 Acq On : 19 May 2022 22:10
 Operator : CG/JU
 Sample : N2877-07 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P007-SS016-0006-01

Quant Time: May 20 03:58:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

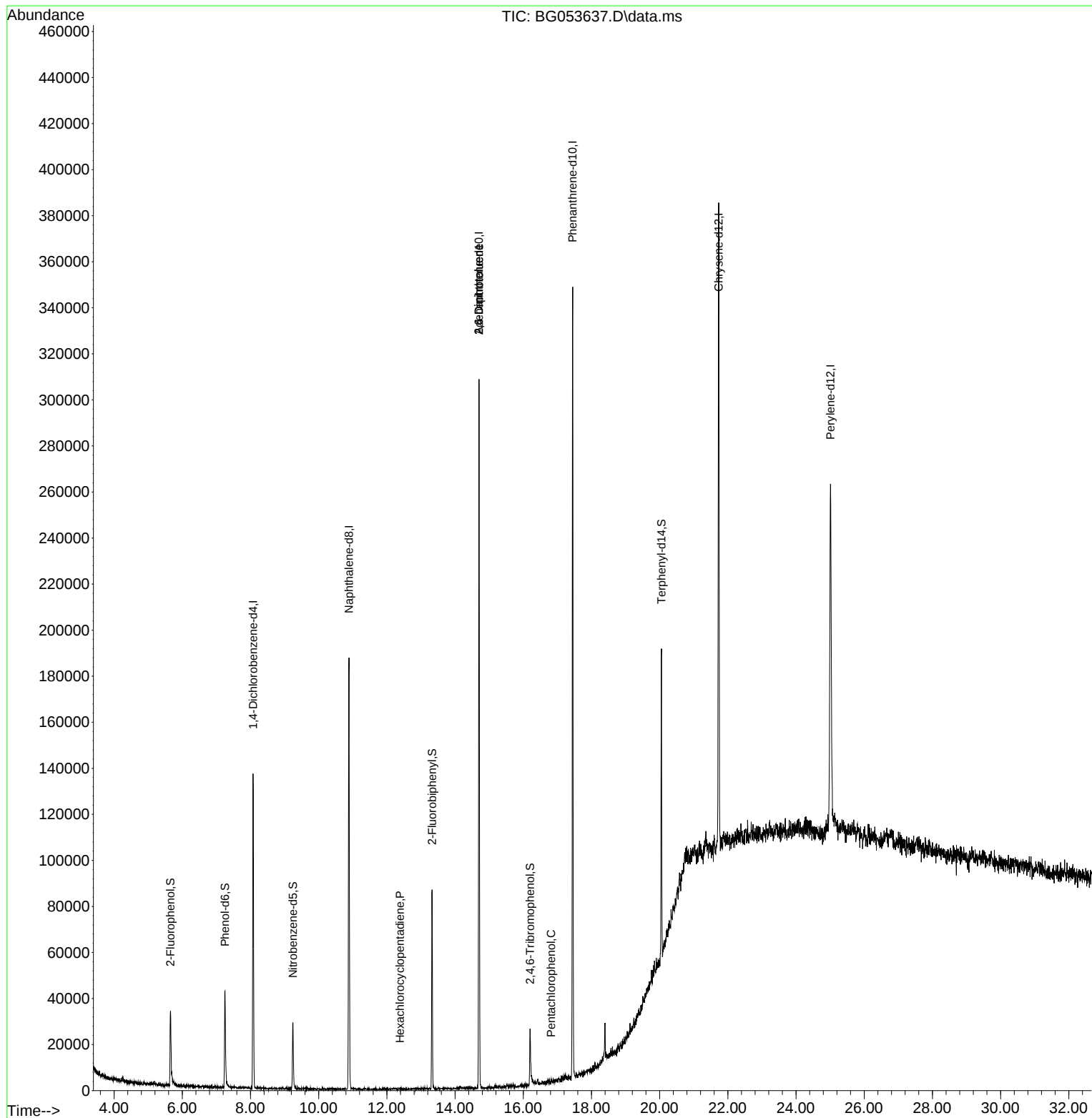
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	38284	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	156256	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	107651	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	218298	20.000	ng	0.00
76) Chrysene-d12	21.734	240	186890	20.000	ng	0.00
86) Perylene-d12	25.012	264	181371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	20365	9.028	ng	0.01
7) Phenol-d6	7.253	99	28922	8.448	ng	0.01
23) Nitrobenzene-d5	9.245	82	20451	5.571	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	6781	4.271	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	49346	6.698	ng	0.00
79) Terphenyl-d14	20.054	244	68997	6.876	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.382	237	67	8.879	ng	# 26
51) 2,6-Dinitrotoluene	14.702	165	13549	8.130	ng	# 18
57) 2,4-Dinitrotoluene	14.702	165	13549	5.609	ng	# 23
70) Pentachlorophenol	16.817	266	57	4.686	ng	# 16

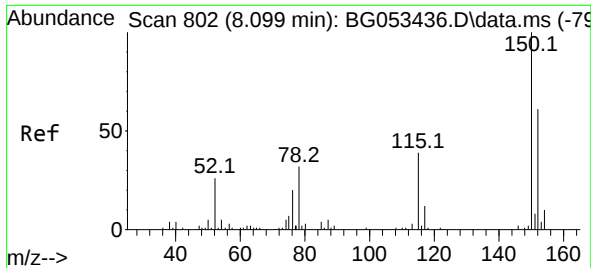
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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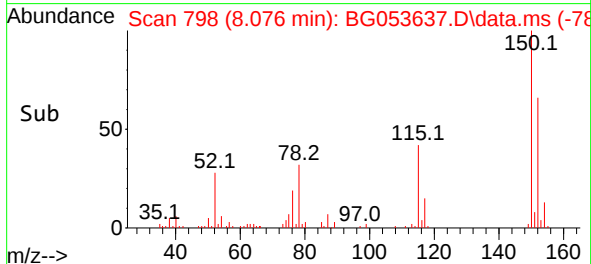
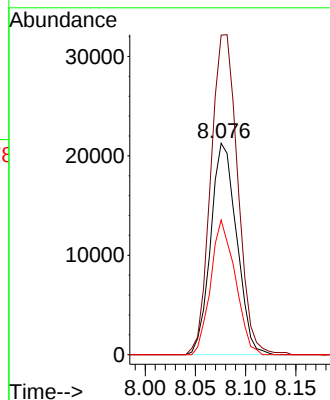
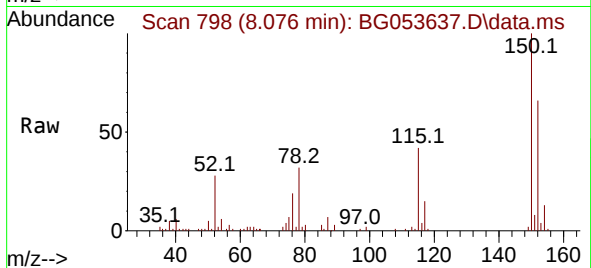




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

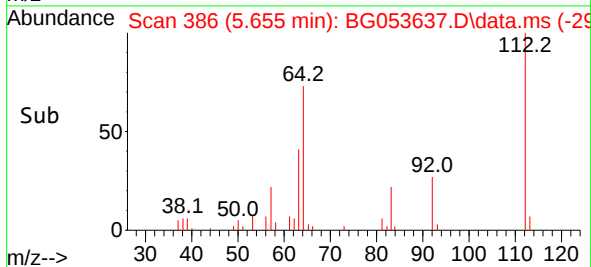
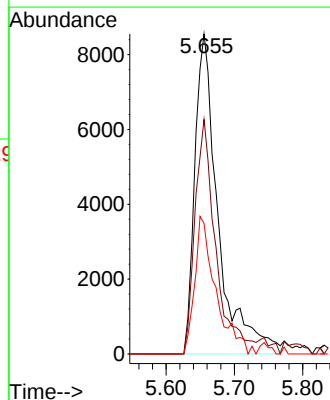
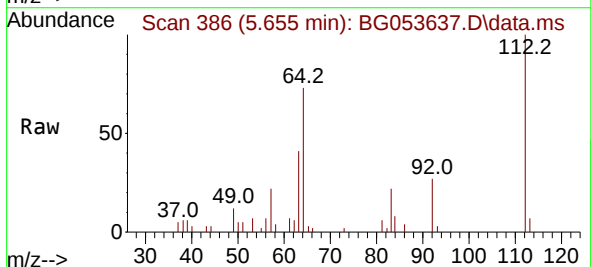
Instrument :
BNA_G
ClientSampleId :
P007-SS016-0006-01

Tgt Ion:152 Resp: 38284
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 63.7 50.9 76.3



#5
2-Fluorophenol
Concen: 9.028 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.012 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

Tgt Ion:112 Resp: 20365
Ion Ratio Lower Upper
112 100
64 73.3 55.1 82.7
63 40.8 30.4 45.6

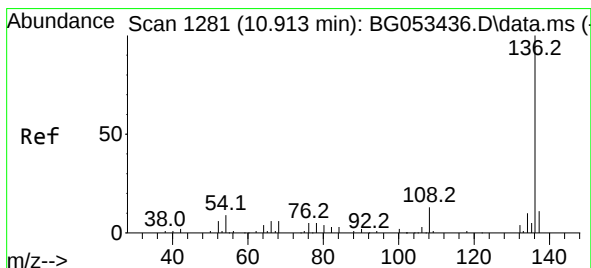
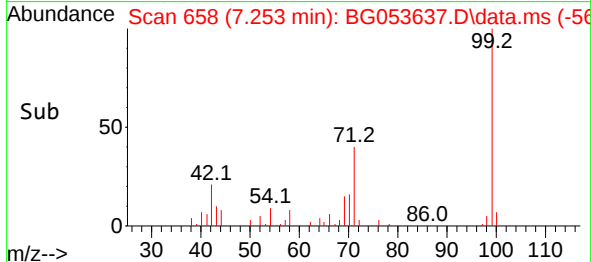
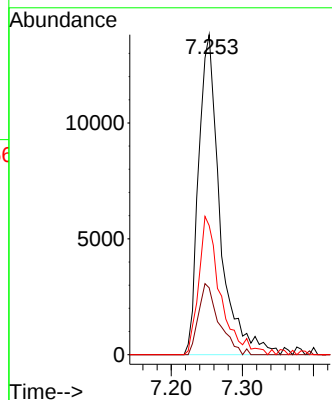
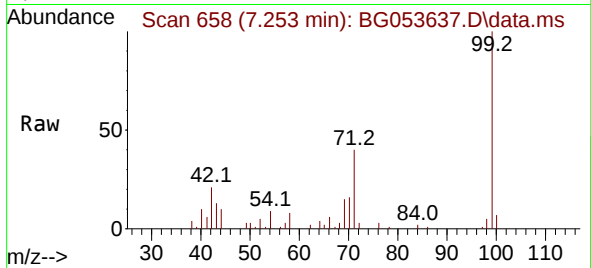




#7
Phenol-d6
Concen: 8.448 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.012 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

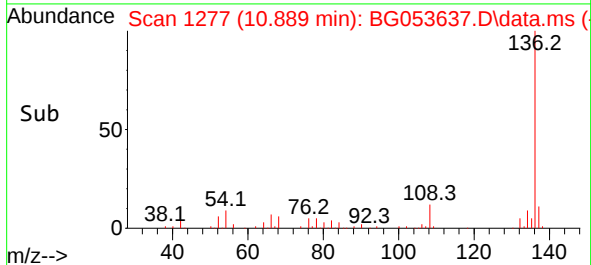
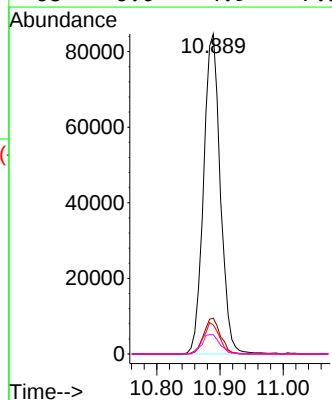
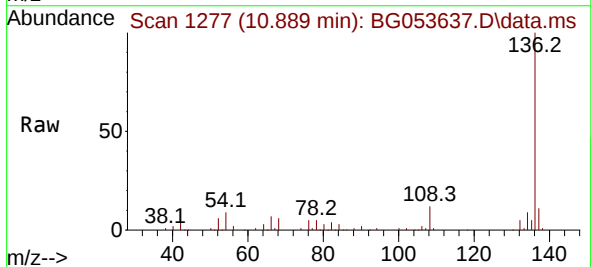
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ClientSampleId :
P007-SS016-0006-01

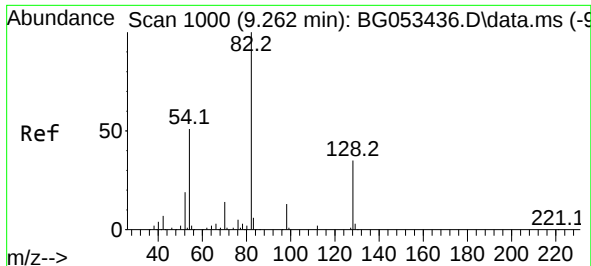
Tgt Ion: 99 Resp: 28922
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 40.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

Tgt Ion: 136 Resp: 156256
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.1 7.4 11.2
68 6.0 4.9 7.3

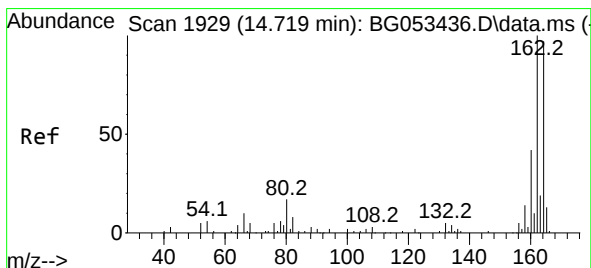
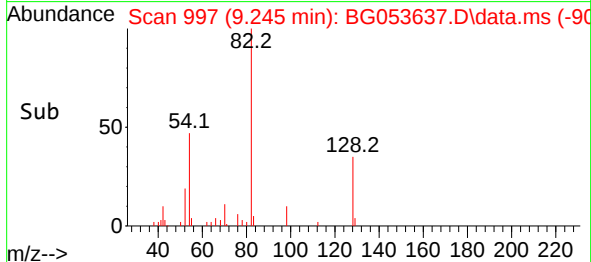
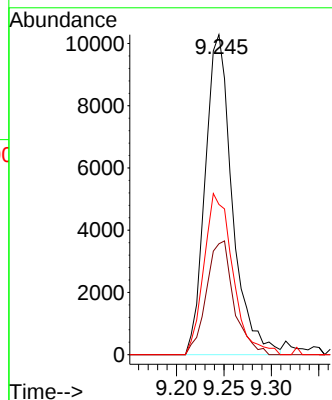
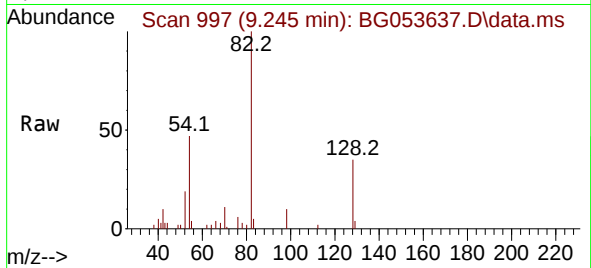




#23
Nitrobenzene-d5
Concen: 5.571 ng
RT: 9.245 min Scan# 91
Delta R.T. 0.007 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

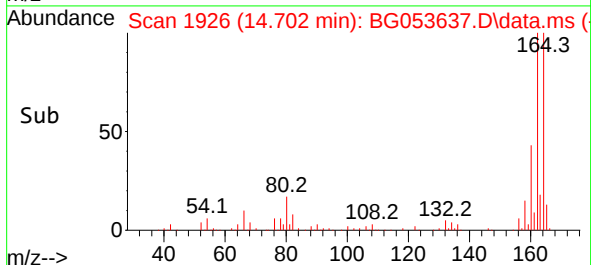
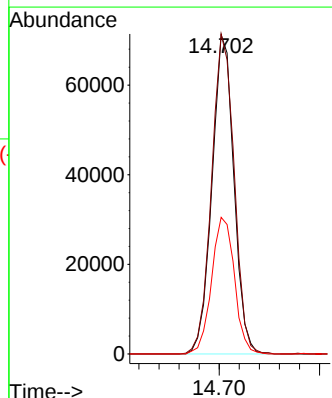
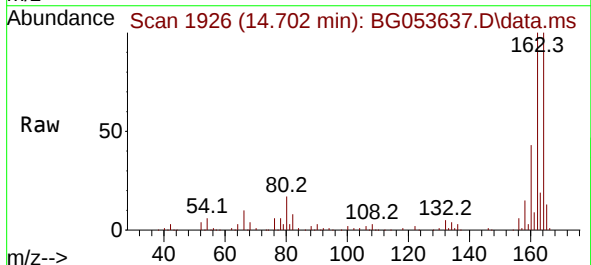
Instrument :
BNA_G
ClientSampleId :
P007-SS016-0006-01

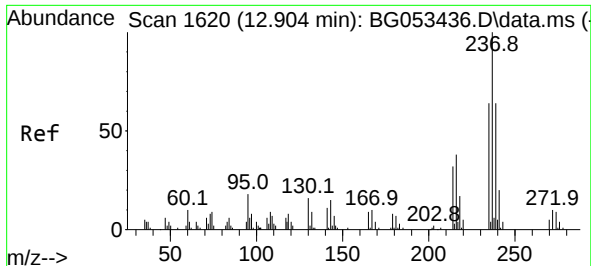
Tgt Ion:	82	Resp:	20451
Ion	Ratio	Lower	Upper
82	100		
128	34.6	27.9	41.9
54	47.0	41.2	61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

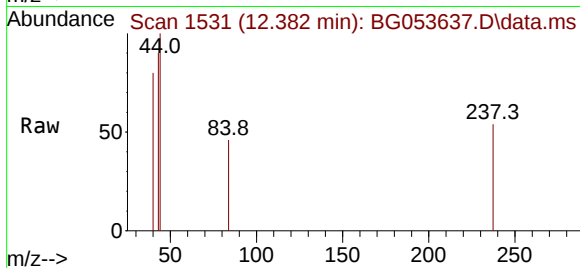
Tgt Ion:	164	Resp:	107651
Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.3	123.5
160	42.8	34.2	51.2



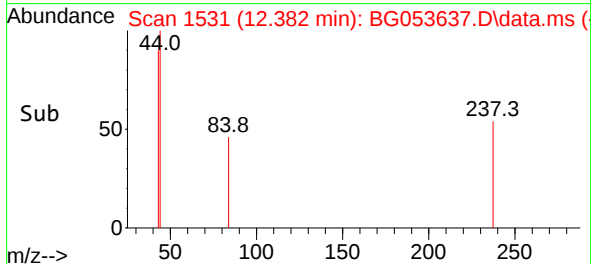
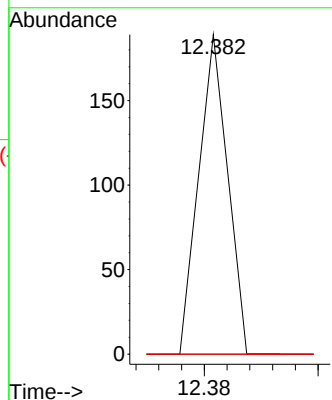


#41
Hexachlorocyclopentadiene
Concen: 8.879 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.505 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

Instrument :
BNA_G
ClientSampleId :
P007-SS016-0006-01

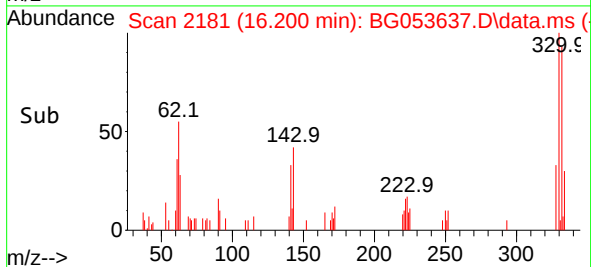
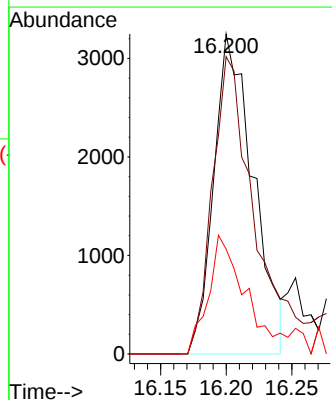
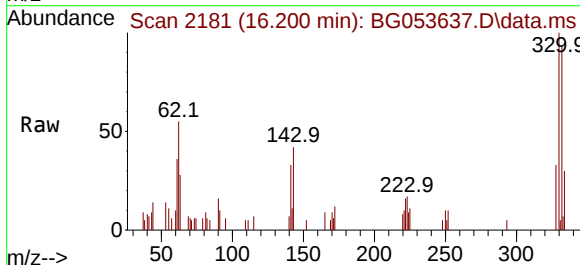


Tgt Ion: 237 Resp: 67
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 4.271 ng
RT: 16.200 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

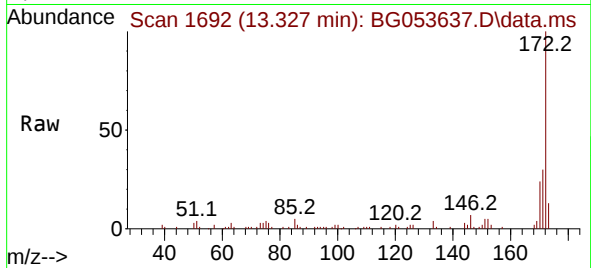
Tgt Ion: 330 Resp: 6781
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 35.6 27.1 40.7



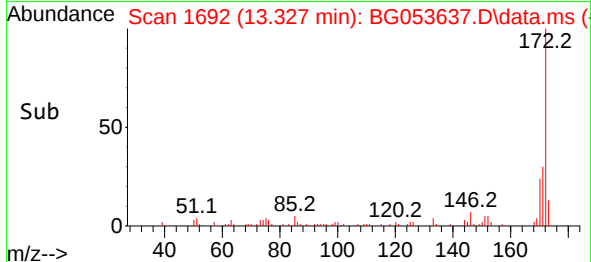
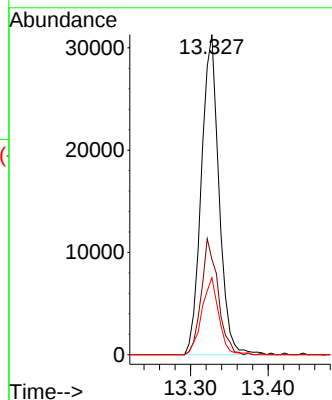


#45
2-Fluorobiphenyl
Concen: 6.698 ng
RT: 13.327 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

Instrument :
BNA_G
ClientSampleId :
P007-SS016-0006-01

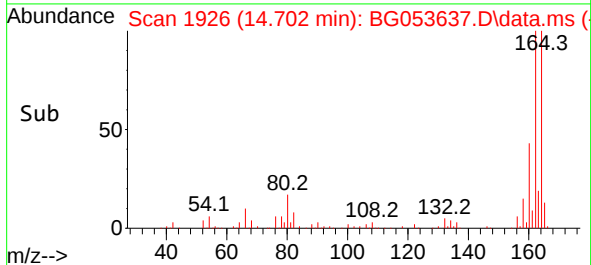
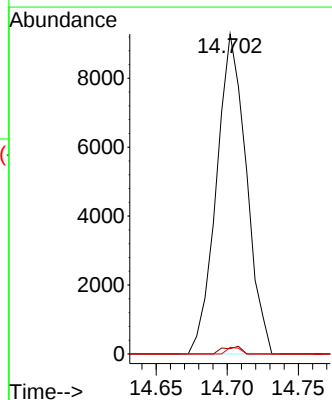
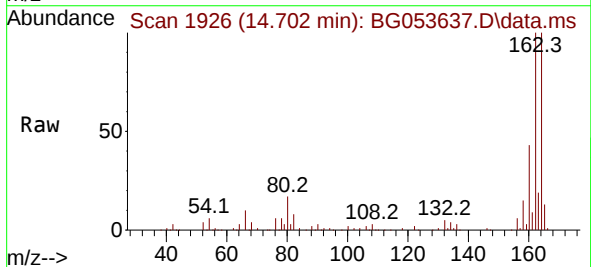


Tgt Ion:172 Resp: 49346
Ion Ratio Lower Upper
172 100
171 29.8 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053637.D
Acq: 19 May 2022 22:10

Tgt Ion:165 Resp: 13549
Ion Ratio Lower Upper
165 100
63 1.7 54.1 81.1#
89 2.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.609 ng

RT: 14.702 min Scan# 1991

Delta R.T. -0.364 min

Lab File: BG053637.D

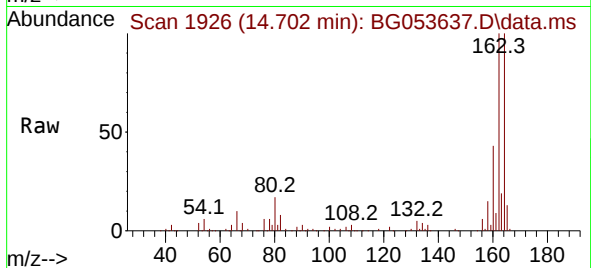
Acq: 19 May 2022 22:10

Instrument :

BNA_G

ClientSampleId :

P007-SS016-0006-01



Tgt Ion:165 Resp: 13549

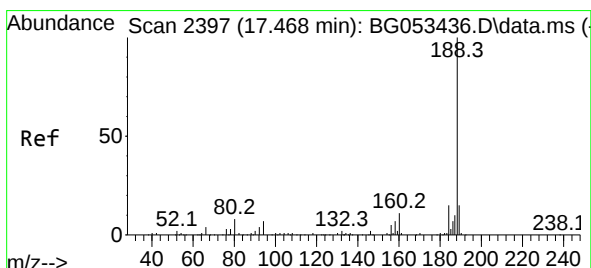
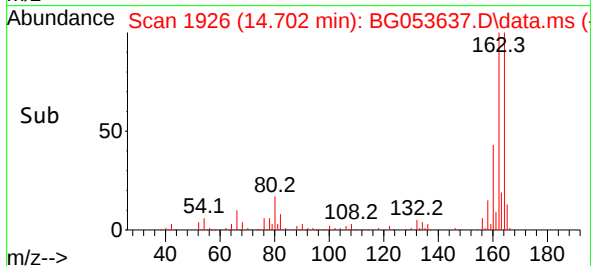
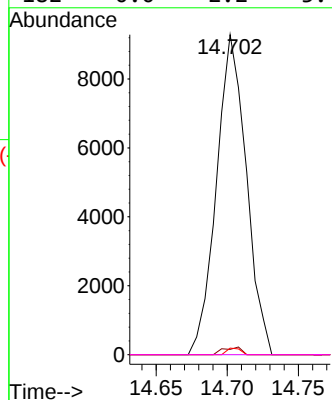
Ion Ratio Lower Upper

165 100

63 1.7 34.6 52.0#

89 2.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.451 min Scan# 2394

Delta R.T. 0.001 min

Lab File: BG053637.D

Acq: 19 May 2022 22:10

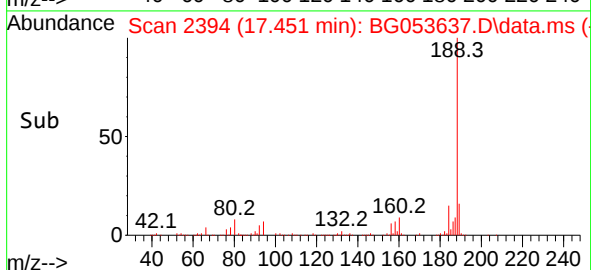
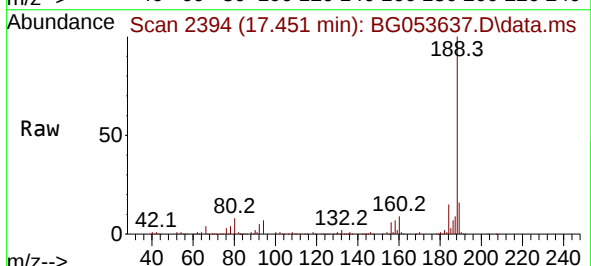
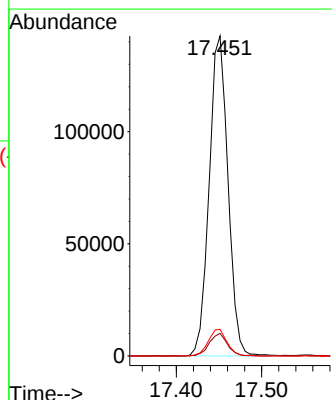
Tgt Ion:188 Resp: 218298

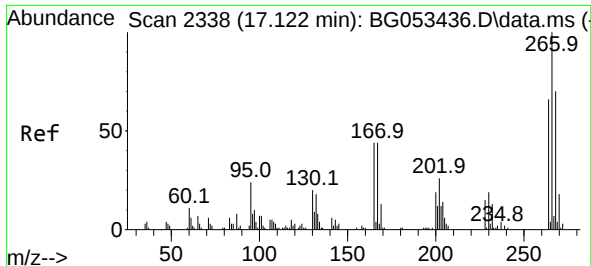
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 8.4 6.8 10.2

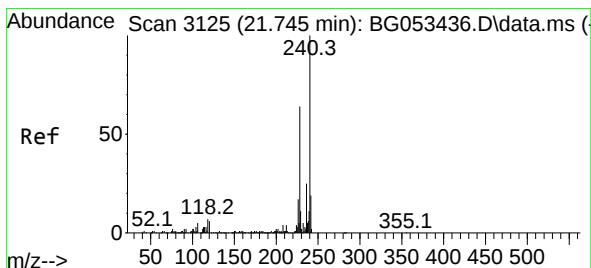
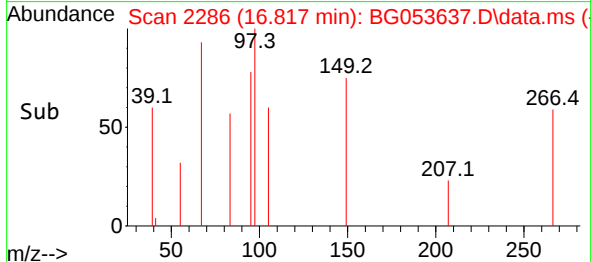
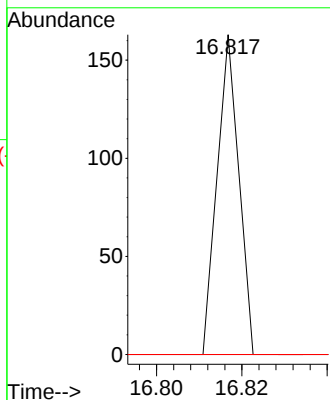
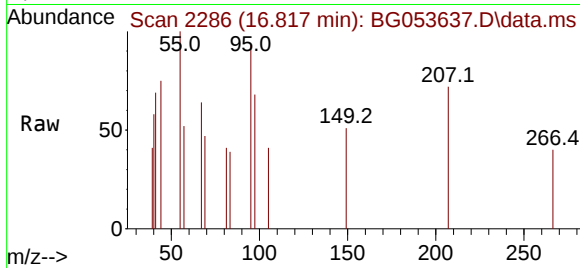




#70
 Pentachlorophenol
 Concen: 4.686 ng
 RT: 16.817 min Scan# 21
 Delta R.T. -0.293 min
 Lab File: BG053637.D
 Acq: 19 May 2022 22:10

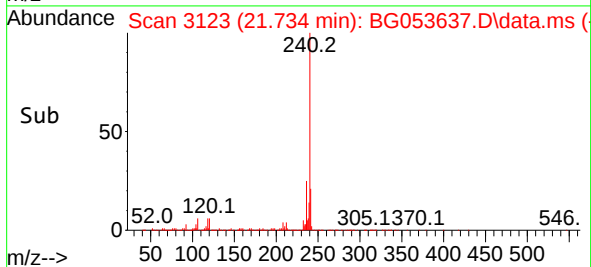
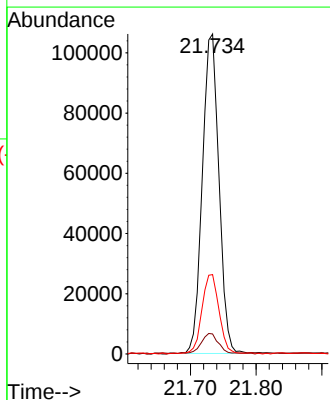
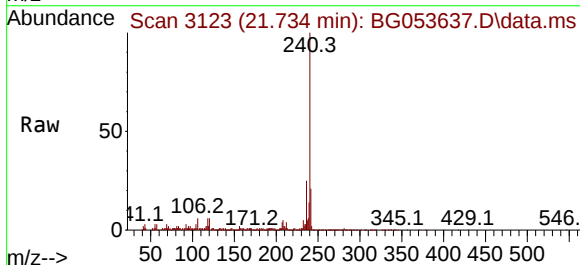
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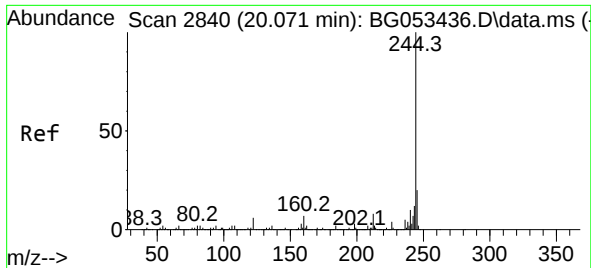
Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.2 84.2#
 264 0.0 53.0 79.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.734 min Scan# 3123
 Delta R.T. 0.001 min
 Lab File: BG053637.D
 Acq: 19 May 2022 22:10

Tgt Ion:240 Resp: 186890
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.6 7.0
 236 24.8 20.2 30.4

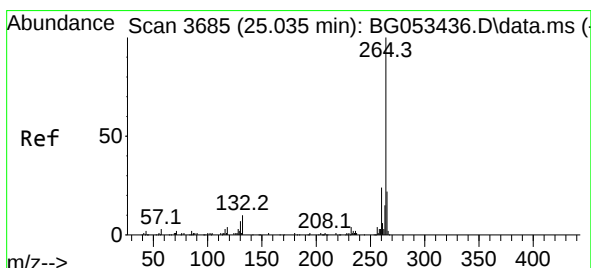
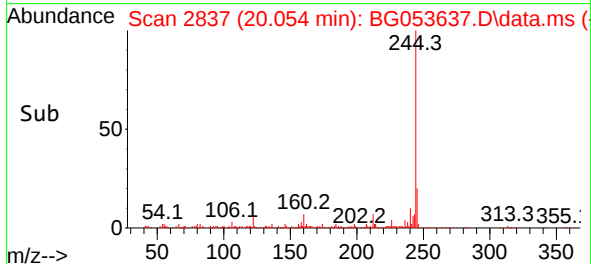
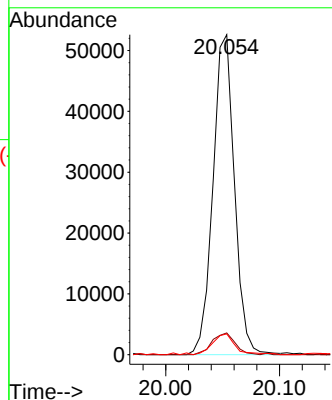
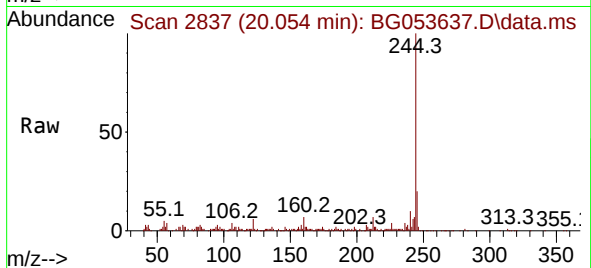




#79
 Terphenyl-d14
 Concen: 6.876 ng
 RT: 20.054 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053637.D
 Acq: 19 May 2022 22:10

Instrument :
 BNA_G
 ClientSampleId :
 P007-SS016-0006-01

Tgt Ion:244 Resp: 68997
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. 0.006 min
 Lab File: BG053637.D
 Acq: 19 May 2022 22:10

Tgt Ion:264 Resp: 181371
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.6 17.4 26.2

