

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053708.D
 Acq On : 26 May 2022 00:25
 Operator : CG/JU
 Sample : N2897-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P042-SS001-2430-01

Quant Time: May 26 02:53:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

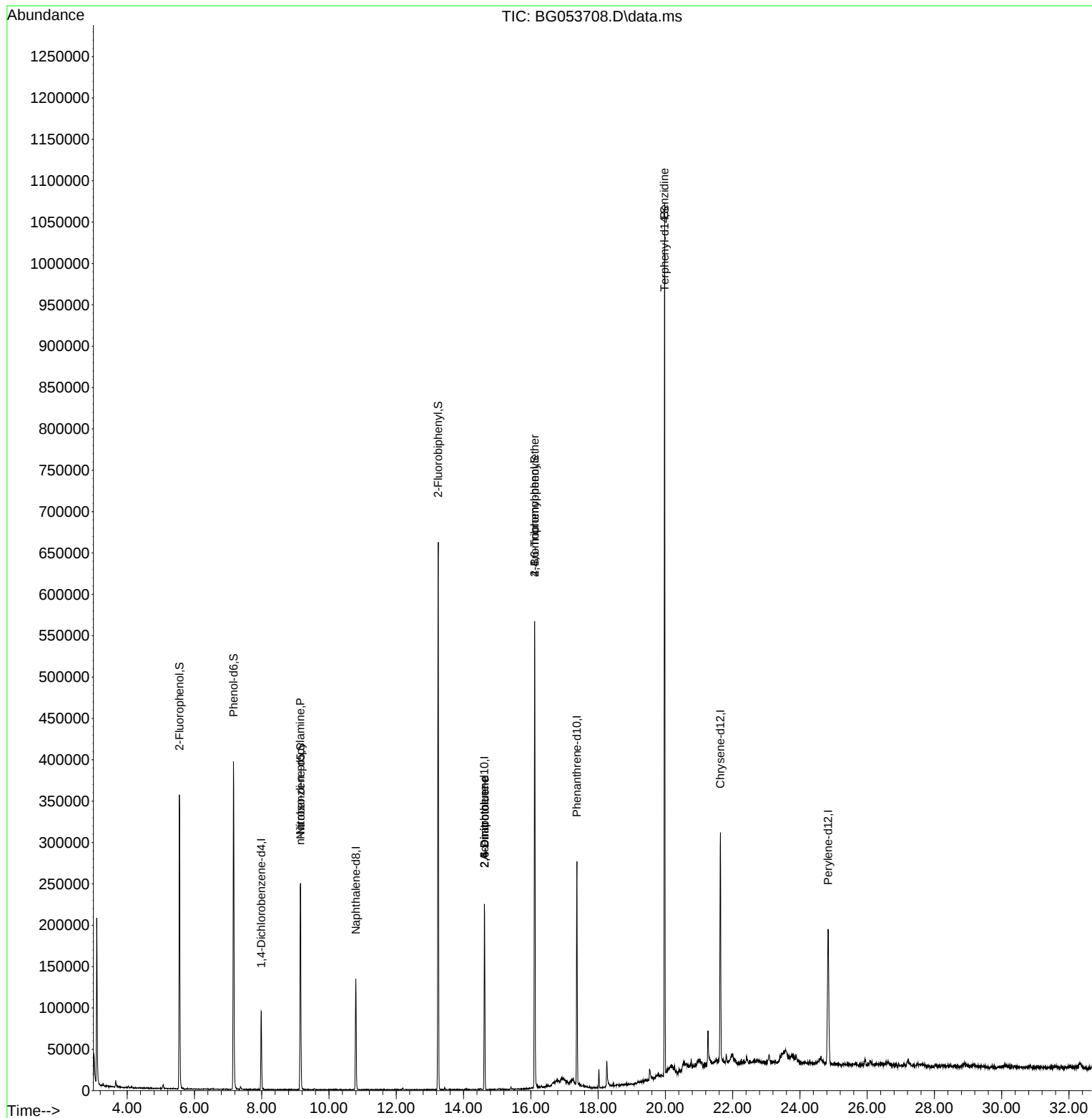
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	26521	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	106977	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	79892	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	171487	20.000	ng	0.00
76) Chrysene-d12	21.636	240	173369	20.000	ng	0.00
86) Perylene-d12	24.838	264	175800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	144560	92.507	ng	0.00
7) Phenol-d6	7.162	99	223468	94.226	ng	0.00
23) Nitrobenzene-d5	9.153	82	159739	63.564	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	116638	98.987	ng	0.00
45) 2-Fluorobiphenyl	13.248	172	351784	64.344	ng	0.00
79) Terphenyl-d14	19.980	244	541035	58.122	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.147	70	23050	13.546	ng	# 79
51) 2,6-Dinitrotoluene	14.628	165	10820	8.748	ng	# 17
57) 2,4-Dinitrotoluene	14.628	165	10820	6.035	ng	# 23
67) 4-Bromophenyl-phenylether	16.114	248	7951	3.970	ng	# 1
77) Benzidine	19.974	184	9357	2.504	ng	# 92

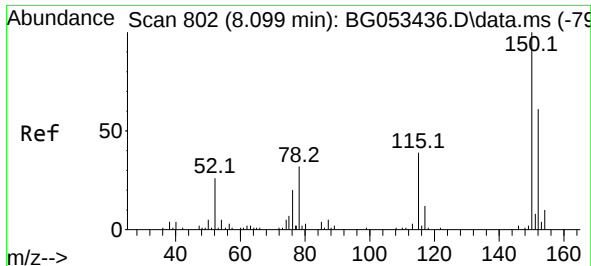
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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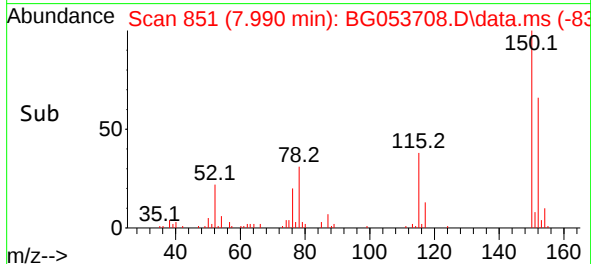
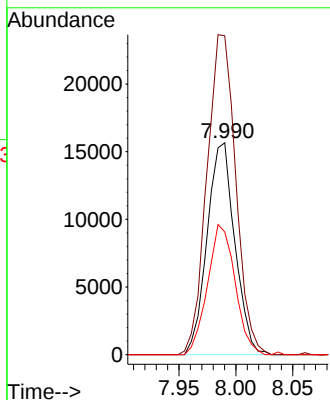
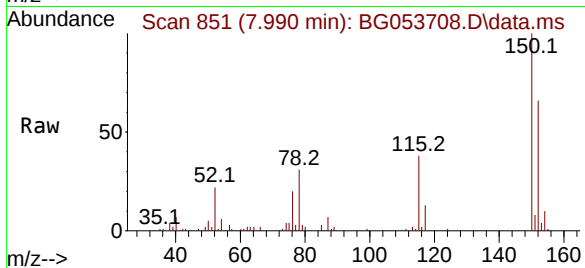




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.990 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

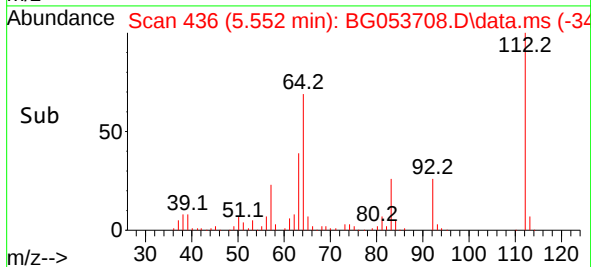
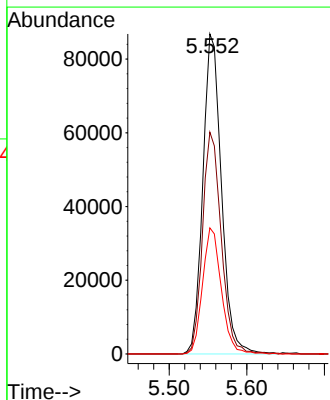
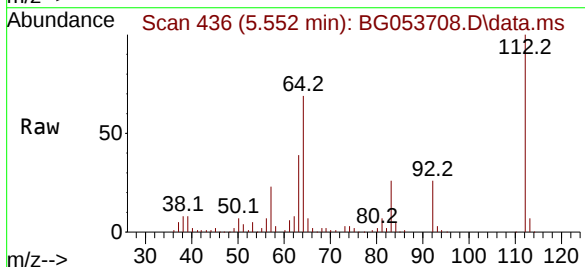
Instrument :
BNA_G
ClientSampleId :
P042-SS001-2430-01

Tgt Ion:152 Resp: 26521
Ion Ratio Lower Upper
152 100
150 150.6 131.6 197.4
115 58.0 50.9 76.3



#5
2-Fluorophenol
Concen: 92.507 ng
RT: 5.552 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Tgt Ion:112 Resp: 144560
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 39.4 30.4 45.6

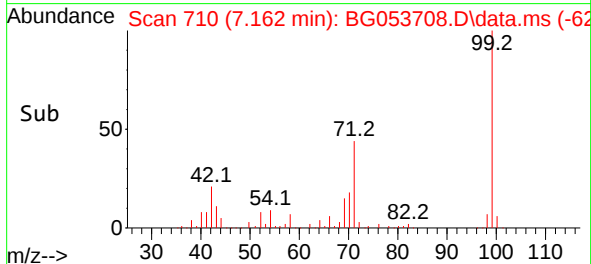
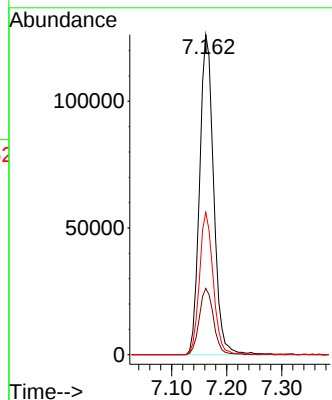
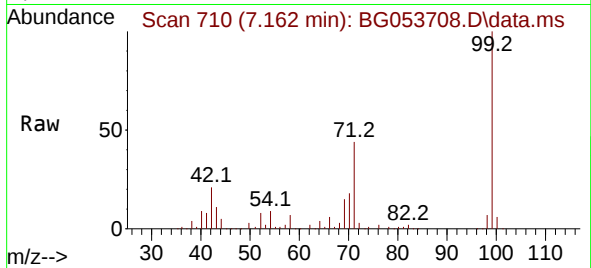




#7
Phenol-d6
Concen: 94.226 ng
RT: 7.162 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

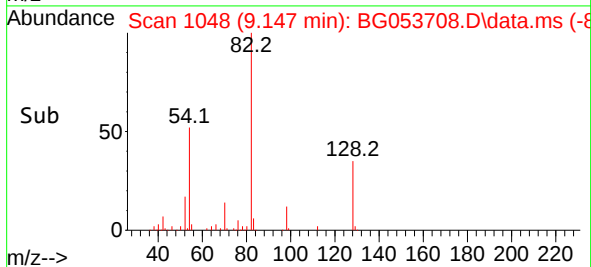
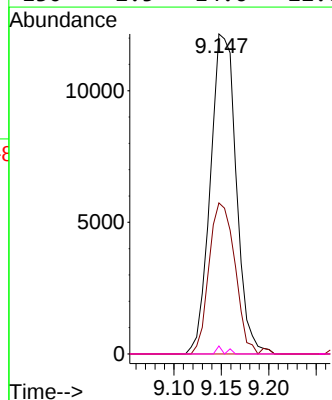
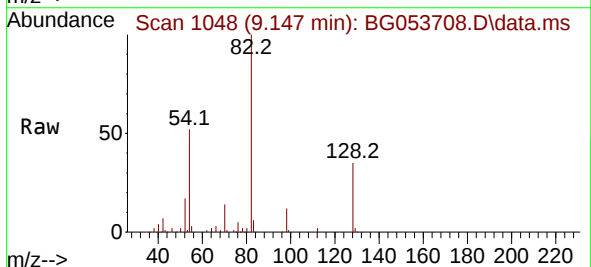
Instrument :
BNA_G
ClientSampleId :
P042-SS001-2430-01

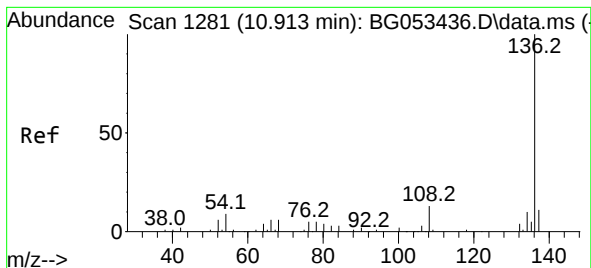
Tgt Ion: 99 Resp: 223468
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.546 ng
RT: 9.147 min Scan# 1048
Delta R.T. 0.351 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Tgt Ion: 70 Resp: 23050
Ion Ratio Lower Upper
70 100
42 47.2 47.3 70.9#
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.798 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053708.D

Acq: 26 May 2022 00:25

Instrument :

BNA_G

ClientSampleId :

P042-SS001-2430-01

Tgt Ion:136 Resp: 106977

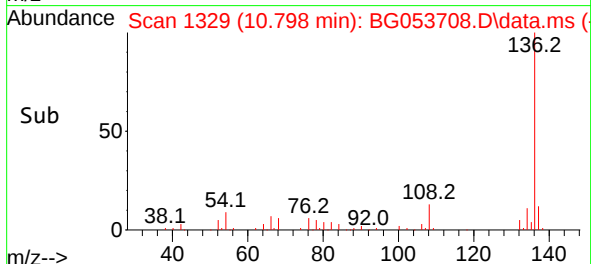
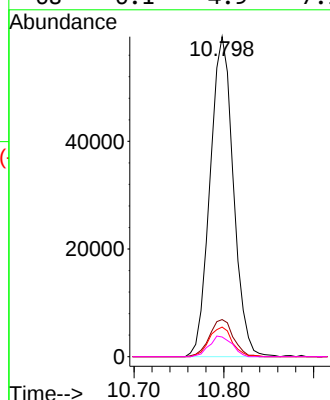
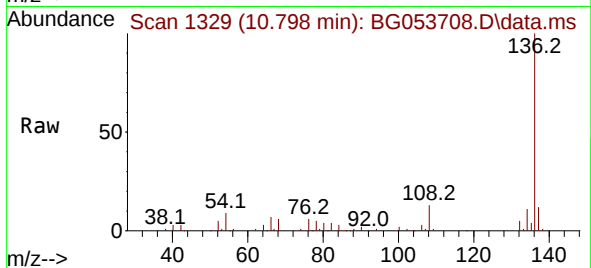
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 9.2 7.4 11.2

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 63.564 ng

RT: 9.153 min Scan# 1049

Delta R.T. -0.002 min

Lab File: BG053708.D

Acq: 26 May 2022 00:25

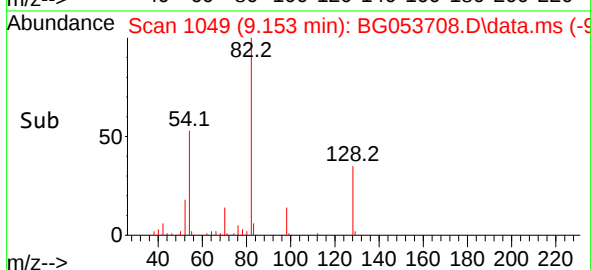
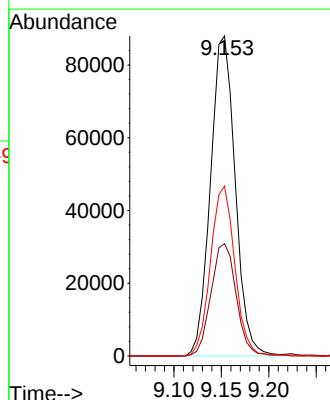
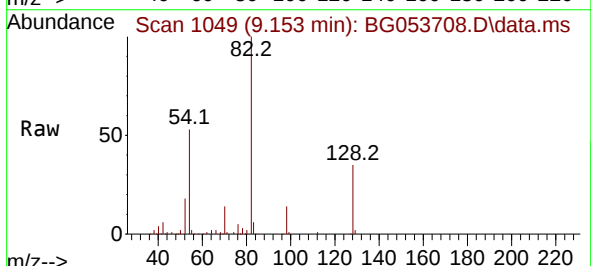
Tgt Ion: 82 Resp: 159739

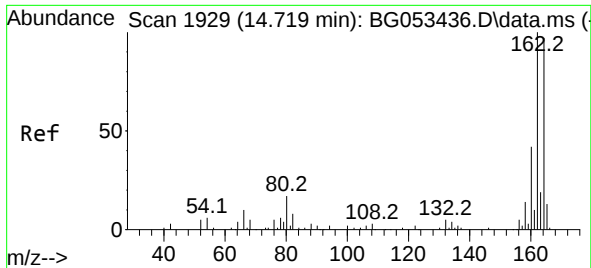
Ion Ratio Lower Upper

82 100

128 35.1 27.9 41.9

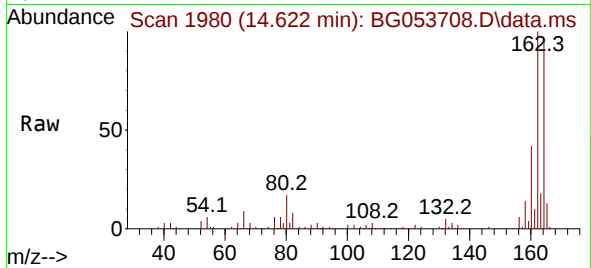
54 53.1 41.2 61.8



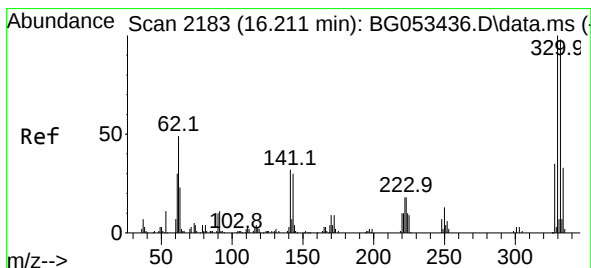
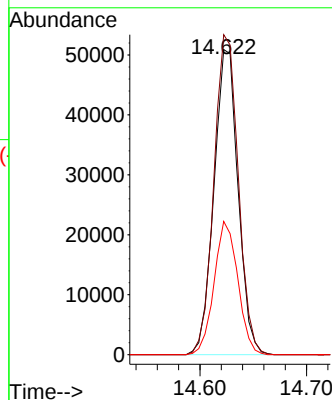
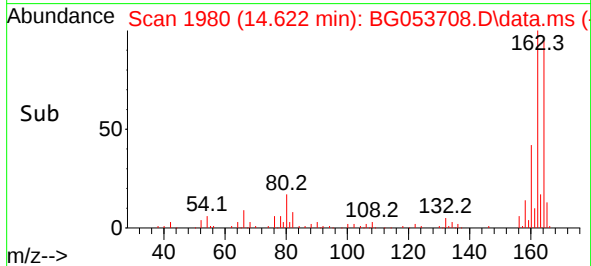


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

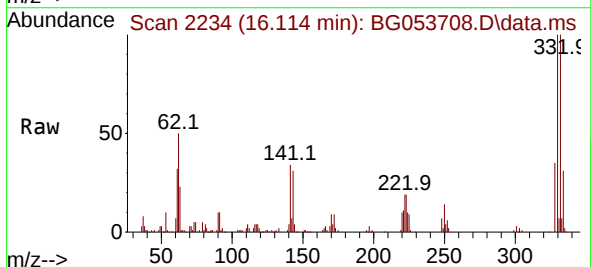
Instrument :
BNA_G
ClientSampleId :
P042-SS001-2430-01



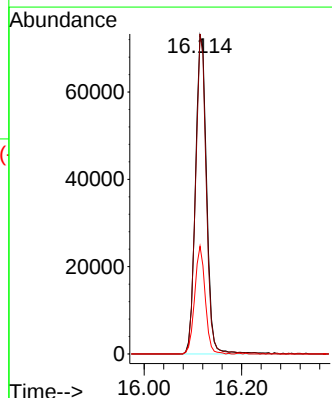
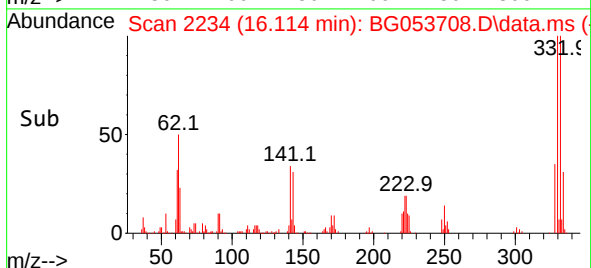
Tgt Ion:164 Resp: 79892
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 98.987 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25



Tgt Ion:330 Resp: 116638
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 31.7 27.1 40.7

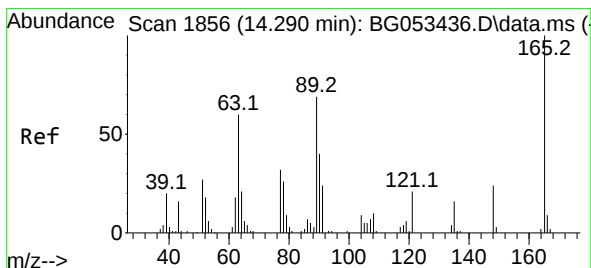
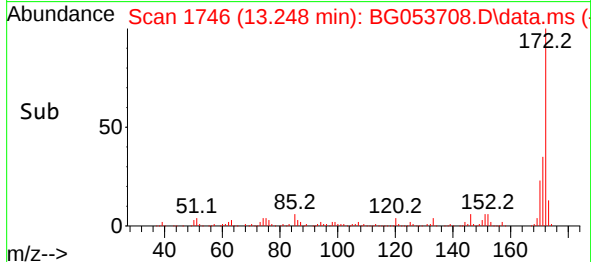
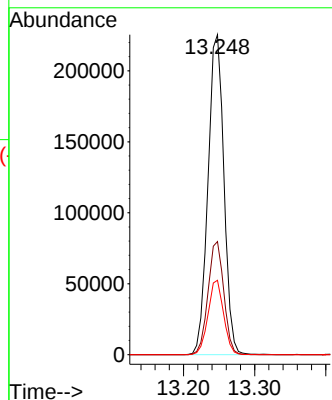
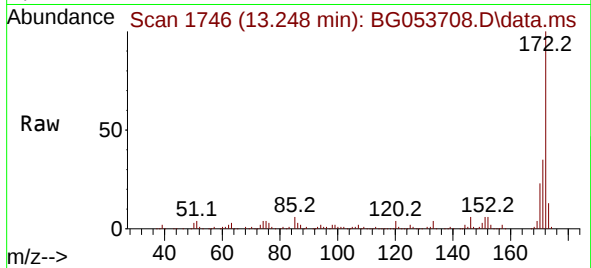




#45
2-Fluorobiphenyl
Concen: 64.344 ng
RT: 13.248 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

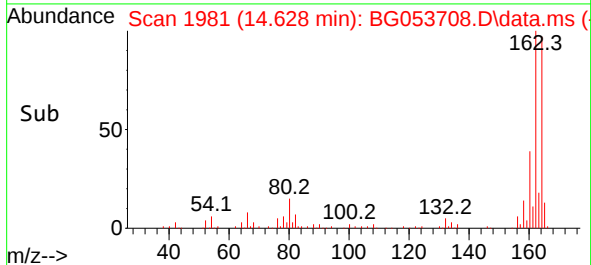
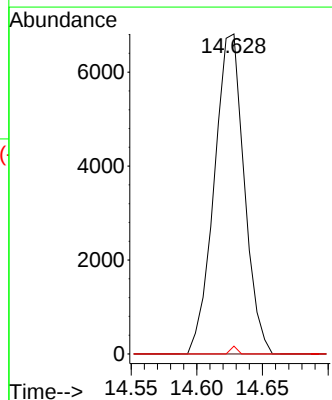
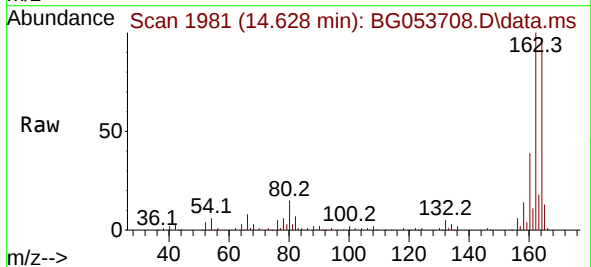
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ClientSampleId :
P042-SS001-2430-01

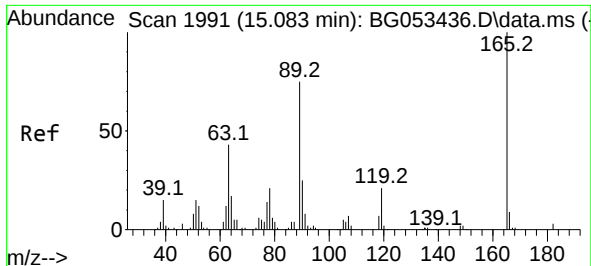
Tgt Ion:172 Resp: 351784
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 14.628 min Scan# 1981
Delta R.T. 0.427 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Tgt Ion:165 Resp: 10820
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.5 54.8 82.2#

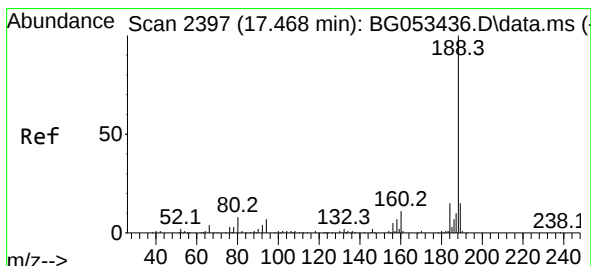
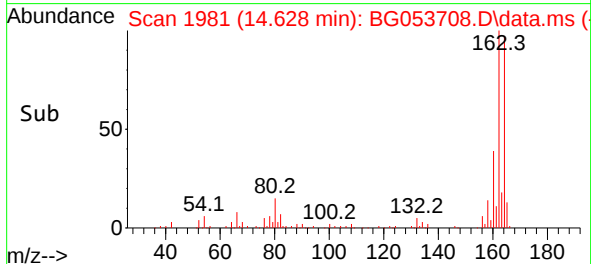
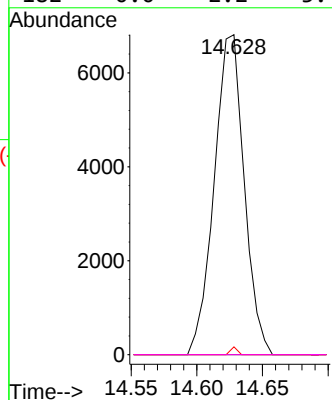
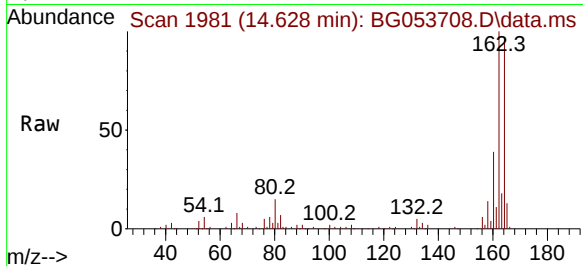




#57
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 14.628 min Scan# 1981
Delta R.T. -0.366 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

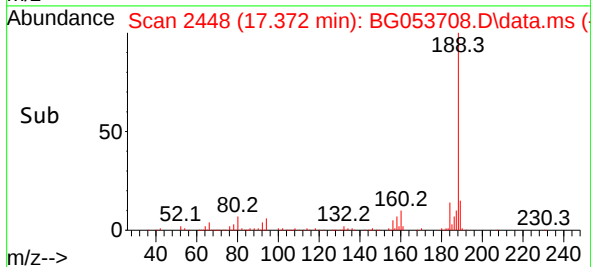
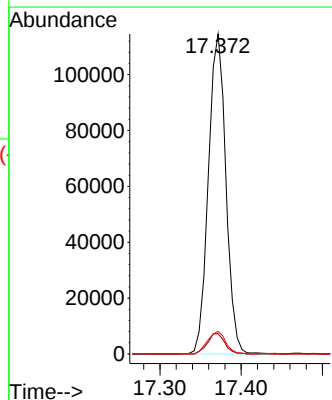
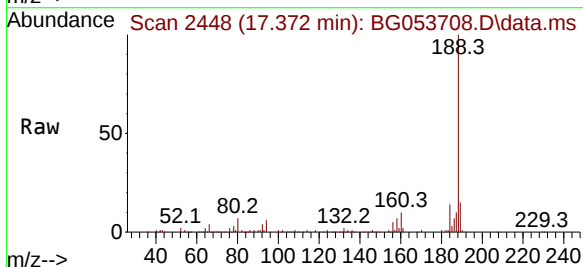
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BNA_G
ClientSampleId :
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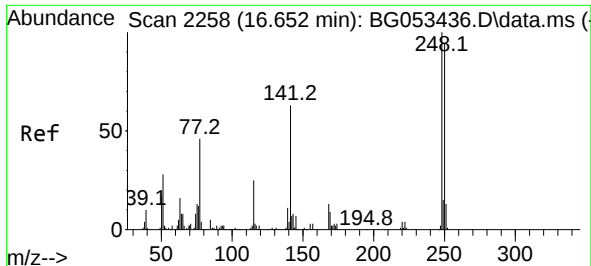
Tgt Ion:165 Resp: 10820
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.5 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Tgt Ion:188 Resp: 171487
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.0 6.8 10.2

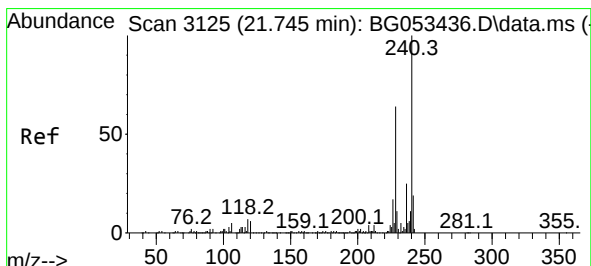
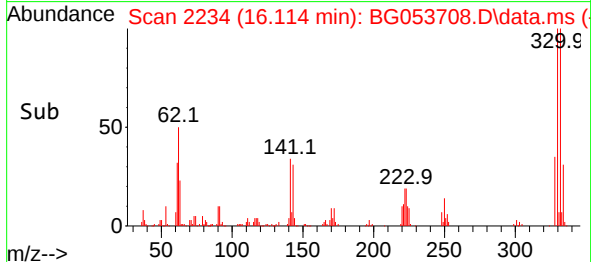
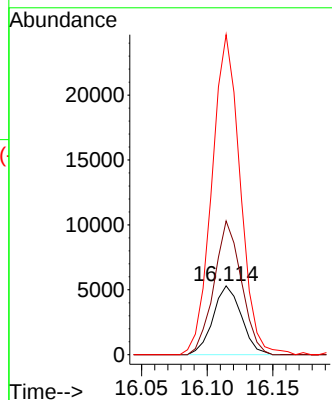
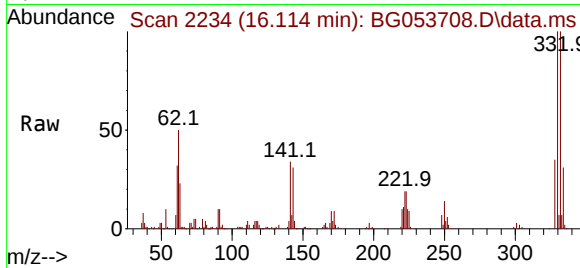




#67
4-Bromophenyl-phenylether
Concen: 3.970 ng
RT: 16.114 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

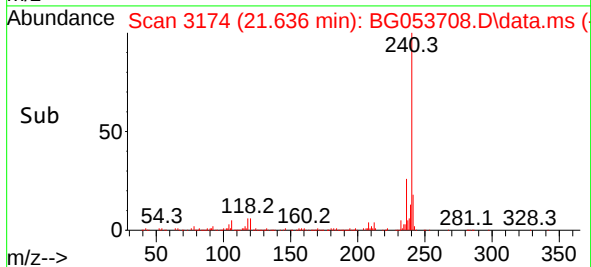
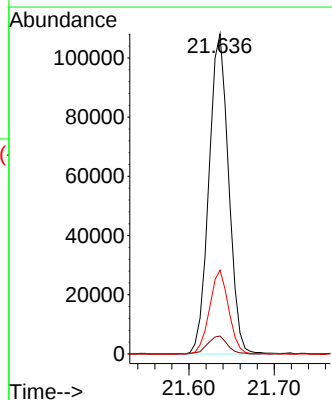
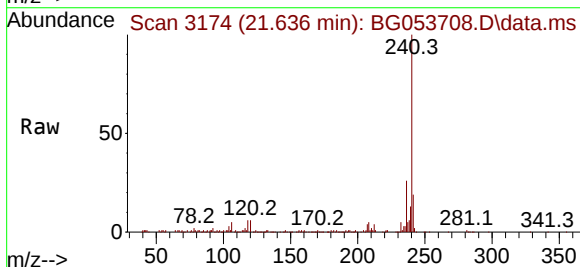
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BNA_G
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P042-SS001-2430-01

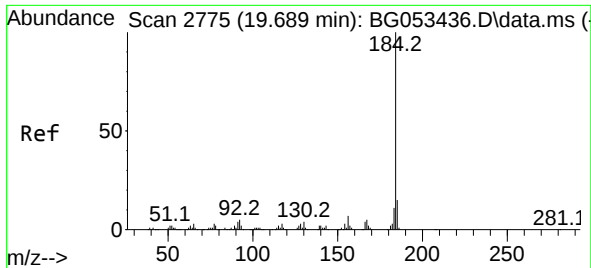
Tgt Ion:248 Resp: 7951
Ion Ratio Lower Upper
248 100
250 194.4 75.2 112.8#
141 465.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Tgt Ion:240 Resp: 173369
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 26.2 20.2 30.4

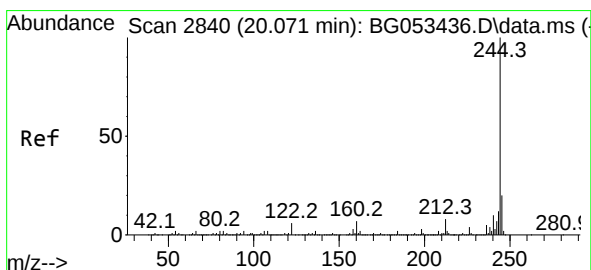
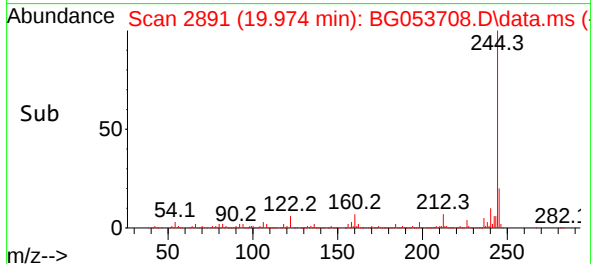
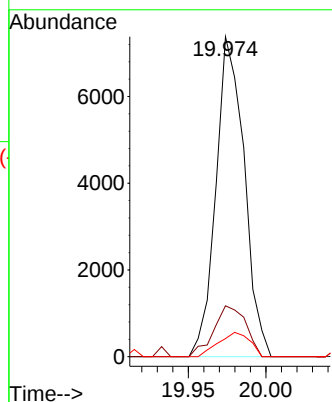
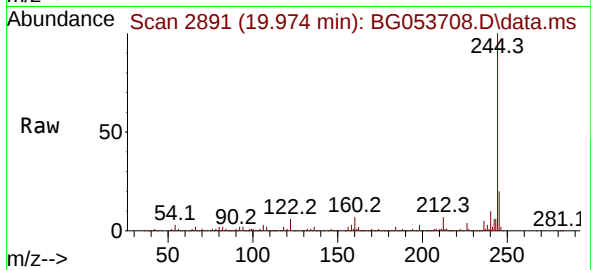




#77
Benzidine
Concen: 2.504 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.374 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

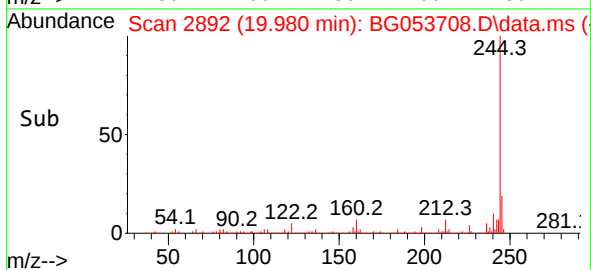
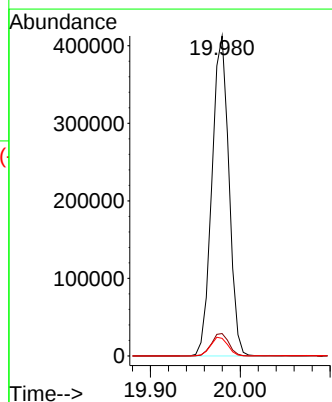
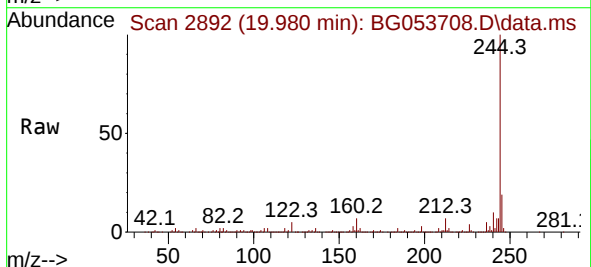
Instrument :
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ClientSampleId :
P042-SS001-2430-01

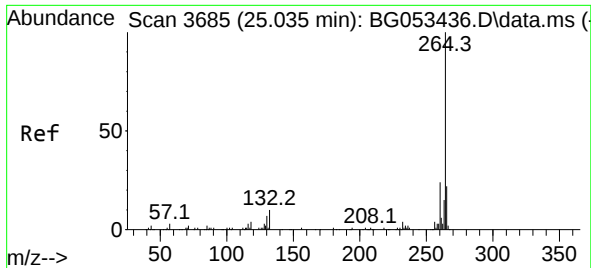
Tgt Ion:184 Resp: 9357
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 5.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 58.122 ng
RT: 19.980 min Scan# 2892
Delta R.T. 0.004 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

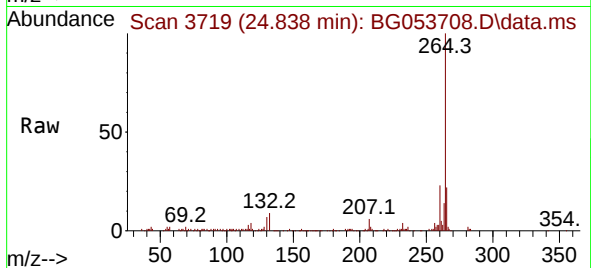
Tgt Ion:244 Resp: 541035
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 5.5 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053708.D
Acq: 26 May 2022 00:25

Instrument :
BNA_G
ClientSampleId :
P042-SS001-2430-01



Tgt Ion:264 Resp: 175800

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	21.8	17.4	26.2

