

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053732.D
 Acq On : 27 May 2022 14:13
 Operator : CG/JU
 Sample : N2921-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P013-SS002-1824-01

Quant Time: May 28 01:56:24 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)

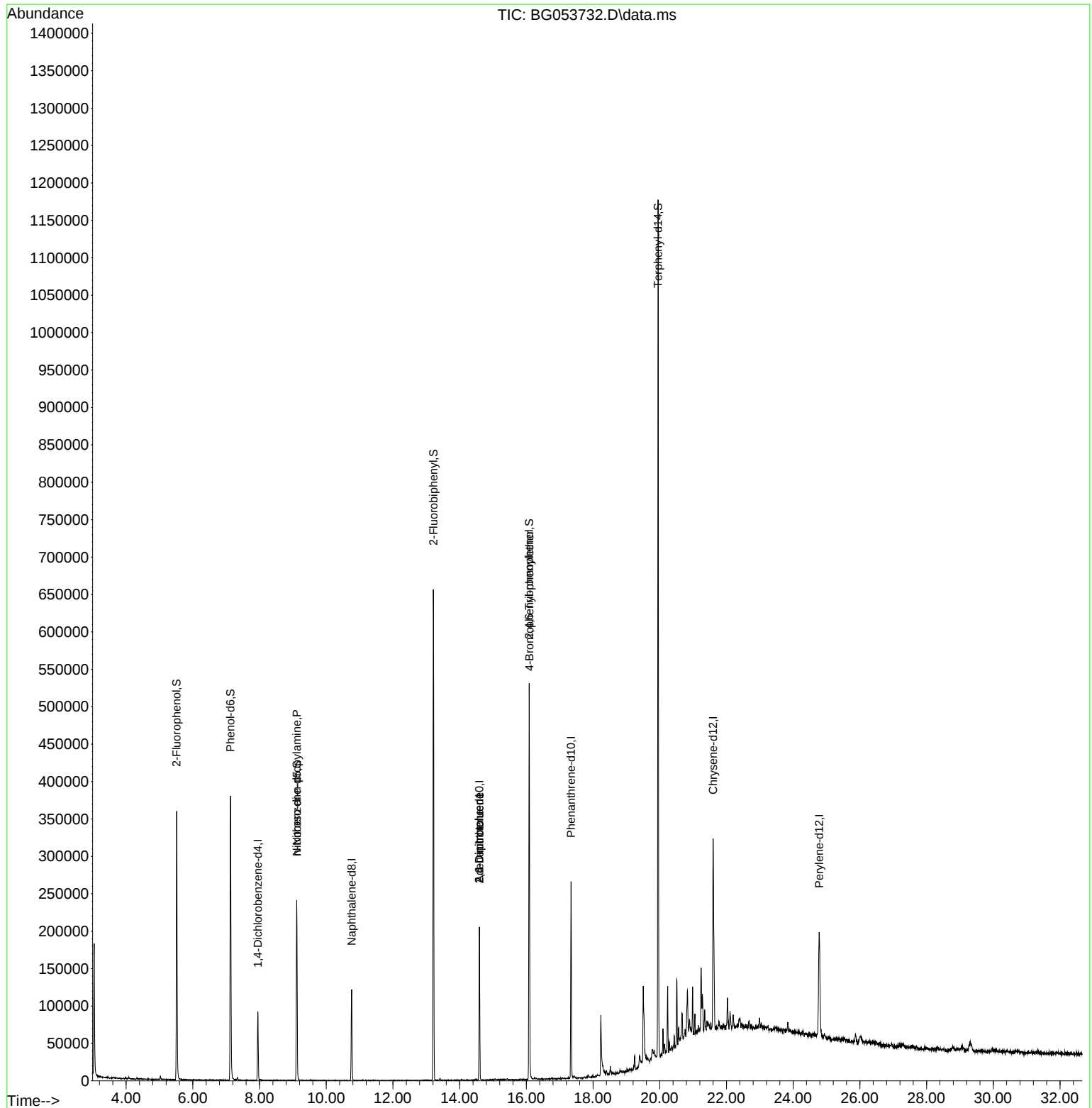
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	23799	20.000	ng	-0.04
21) Naphthalene-d8	10.762	136	94622	20.000	ng	-0.04
39) Acenaphthene-d10	14.592	164	72312	20.000	ng	-0.03
64) Phenanthrene-d10	17.341	188	162773	20.000	ng	-0.03
76) Chrysene-d12	21.600	240	149549	20.000	ng	-0.04
86) Perylene-d12	24.778	264	150641	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	142641	101.719	ng	-0.04
7) Phenol-d6	7.132	99	213111	100.136	ng	-0.03
23) Nitrobenzene-d5	9.117	82	150455	67.687	ng	-0.04
42) 2,4,6-Tribromophenol	16.084	330	109033	102.233	ng	-0.03
45) 2-Fluorobiphenyl	13.212	172	346844	70.090	ng	-0.03
79) Terphenyl-d14	19.949	244	583514	72.670	ng	-0.03
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.117	70	21862	14.317	ng	# 78
51) 2,6-Dinitrotoluene	14.592	165	9325	8.330	ng	# 18
57) 2,4-Dinitrotoluene	14.592	165	9325	5.746	ng	# 23
67) 4-Bromophenyl-phenylether	16.090	248	6695	3.522	ng	# 1

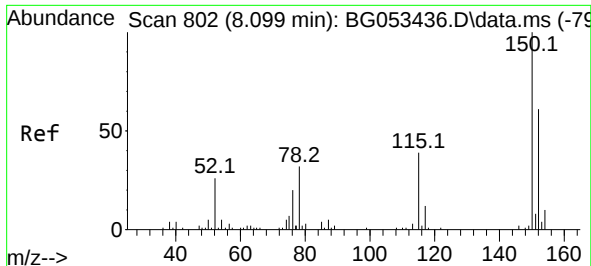
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
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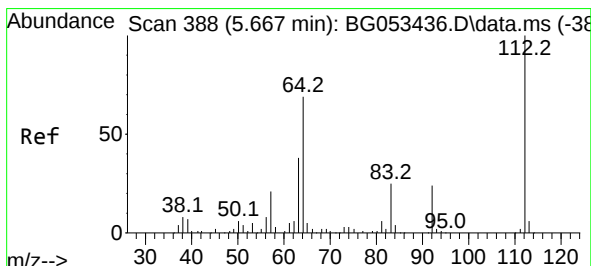
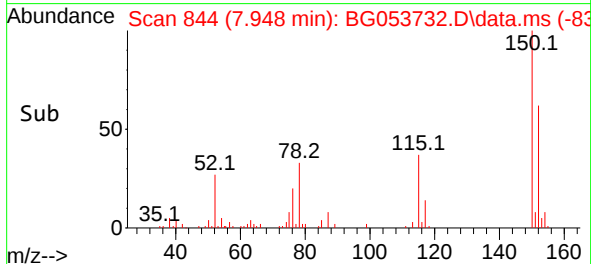
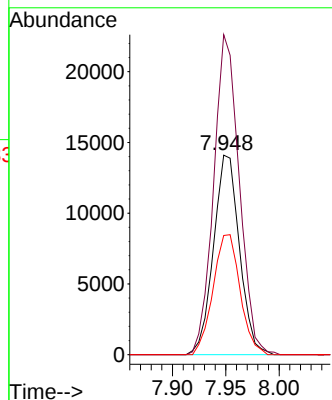
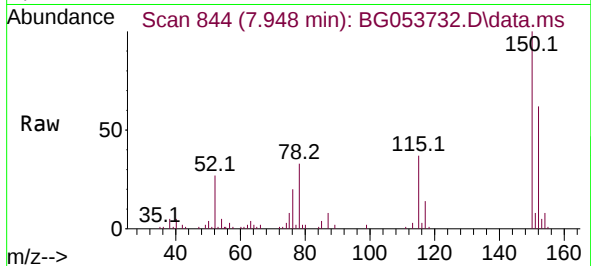




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 84
Delta R.T. -0.038 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

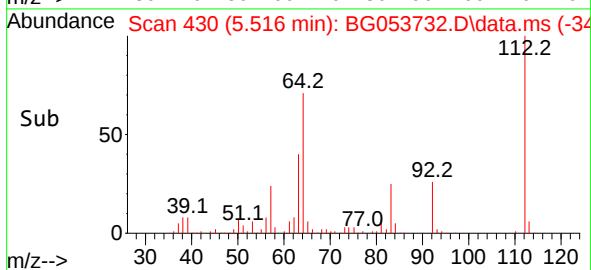
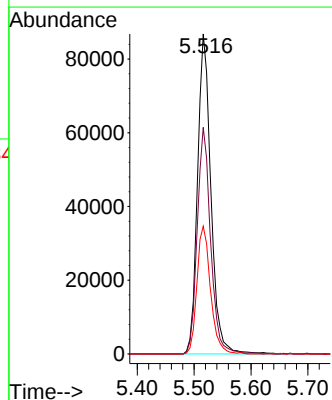
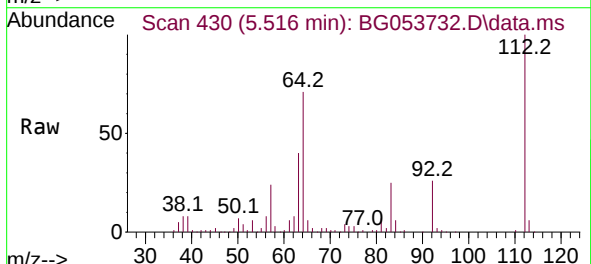
Instrument :
BNA_G
ClientSampleId :
P013-SS002-1824-01

Tgt Ion:152 Resp: 23799
Ion Ratio Lower Upper
152 100
150 160.4 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 101.719 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.038 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

Tgt Ion:112 Resp: 142641
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 39.9 30.4 45.6

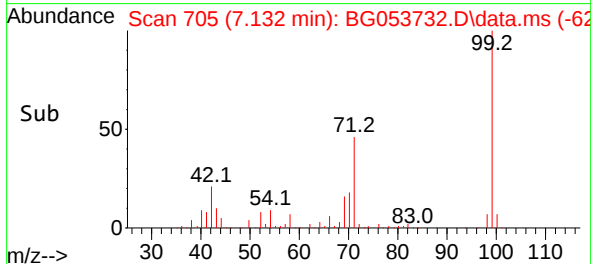
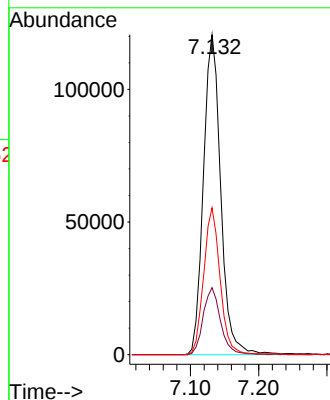
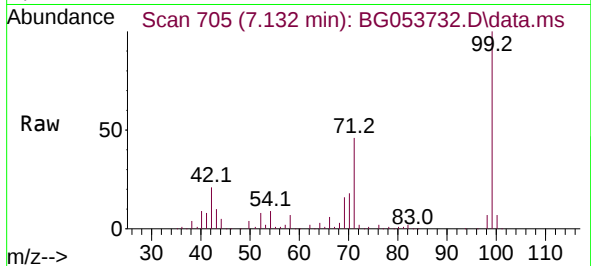




#7
Phenol-d6
Concen: 100.136 ng
RT: 7.132 min Scan# 705
Delta R.T. -0.032 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

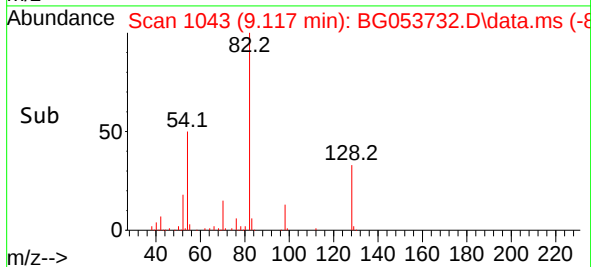
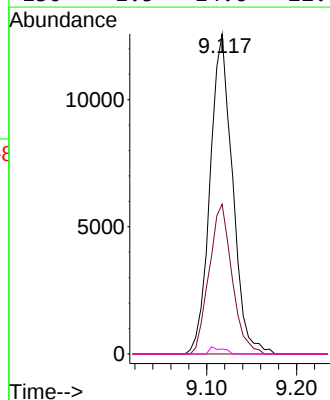
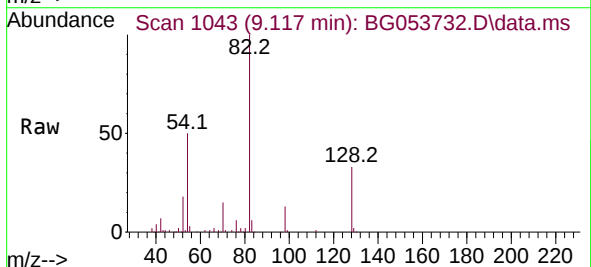
Instrument :
BNA_G
ClientSampleId :
P013-SS002-1824-01

Tgt Ion: 99 Resp: 213111
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 45.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.317 ng
RT: 9.117 min Scan# 1043
Delta R.T. 0.320 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

Tgt Ion: 70 Resp: 21862
Ion Ratio Lower Upper
70 100
42 46.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.762 min Scan# 11

Delta R.T. -0.038 min

Lab File: BG053732.D

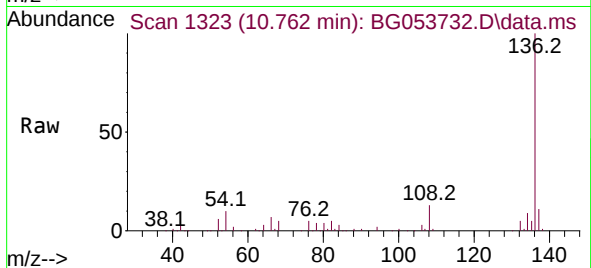
Acq: 27 May 2022 14:13

Instrument :

BNA_G

ClientSampleId :

P013-SS002-1824-01



Tgt Ion:136 Resp: 94622

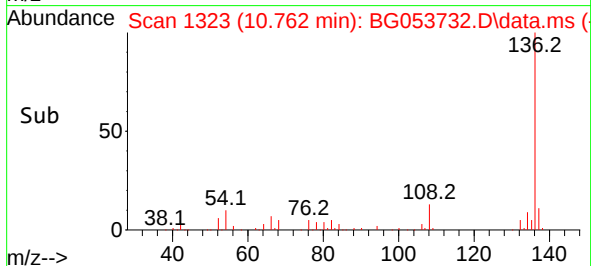
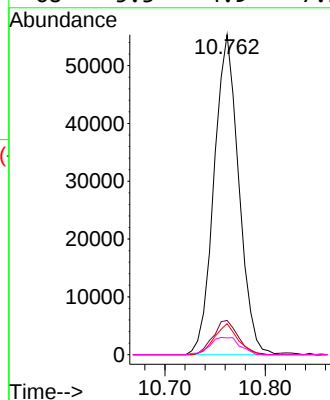
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.7 7.4 11.2

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 67.687 ng

RT: 9.117 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG053732.D

Acq: 27 May 2022 14:13

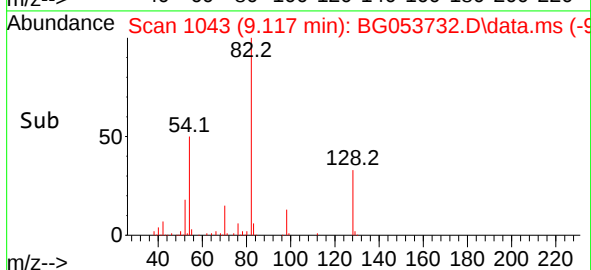
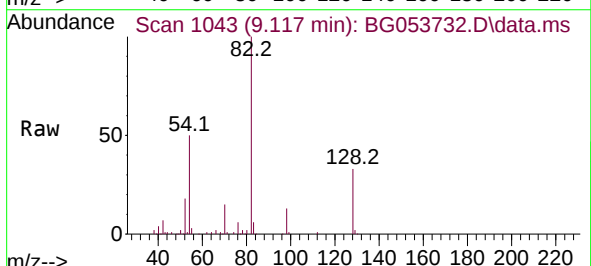
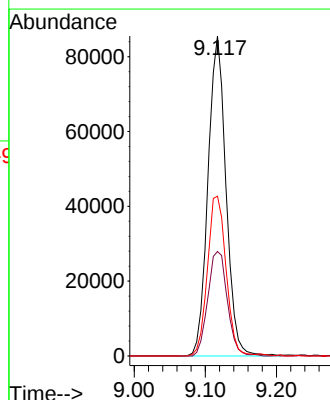
Tgt Ion: 82 Resp: 150455

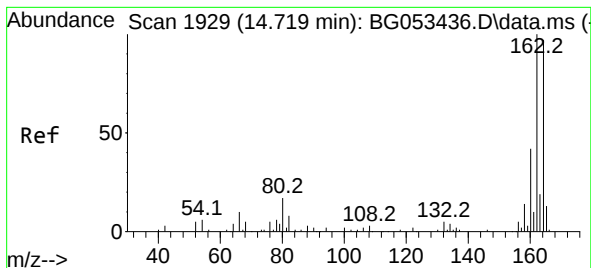
Ion Ratio Lower Upper

82 100

128 32.7 27.9 41.9

54 49.9 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1929

Delta R.T. -0.032 min

Lab File: BG053732.D

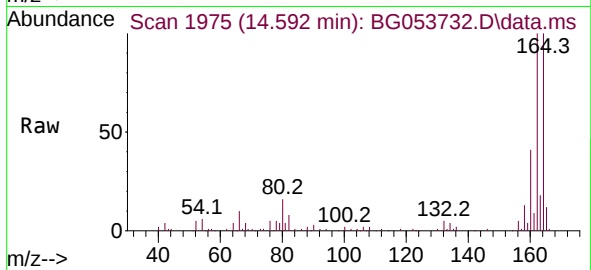
Acq: 27 May 2022 14:13

Instrument :

BNA_G

ClientSampleId :

P013-SS002-1824-01



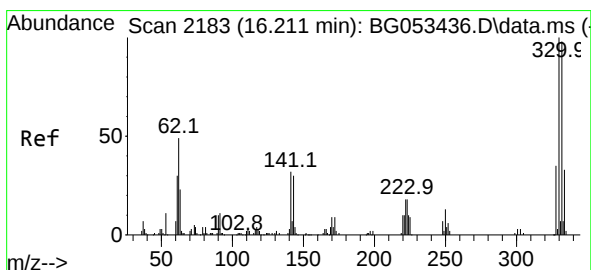
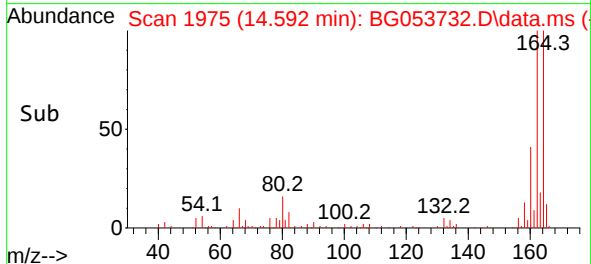
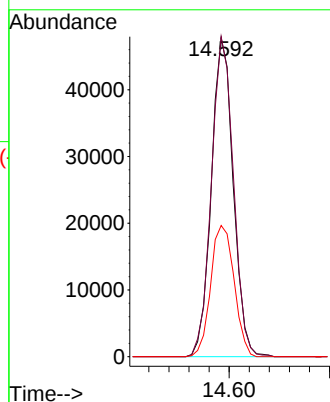
Tgt Ion:164 Resp: 72312

Ion Ratio Lower Upper

164 100

162 100.4 82.3 123.5

160 41.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 102.233 ng

RT: 16.084 min Scan# 2229

Delta R.T. -0.032 min

Lab File: BG053732.D

Acq: 27 May 2022 14:13

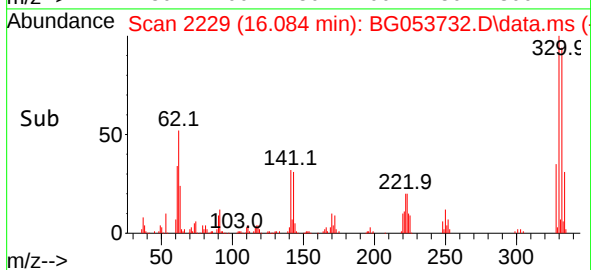
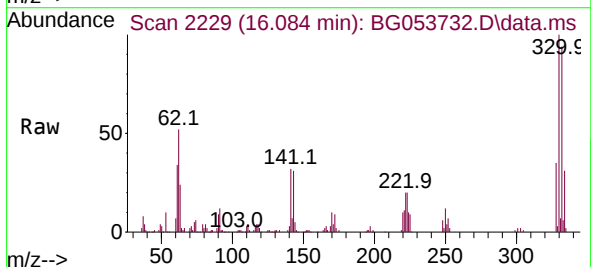
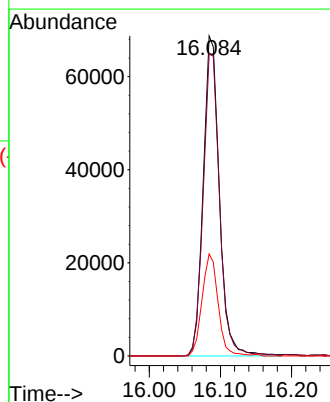
Tgt Ion:330 Resp: 109033

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 31.7 27.1 40.7

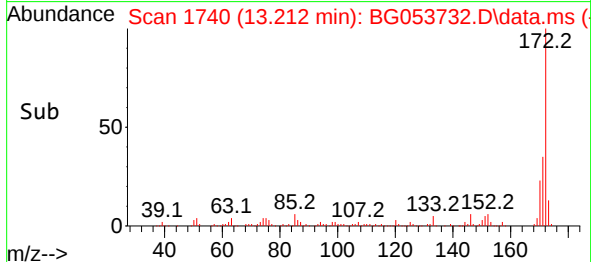
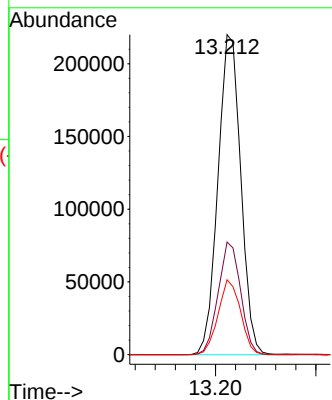
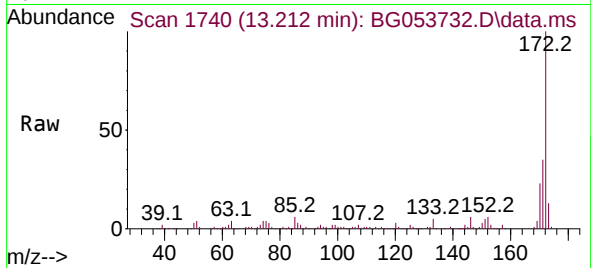




#45
2-Fluorobiphenyl
Concen: 70.090 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.032 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

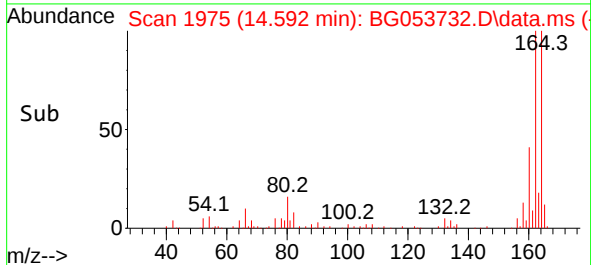
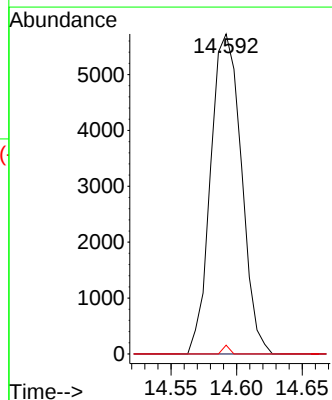
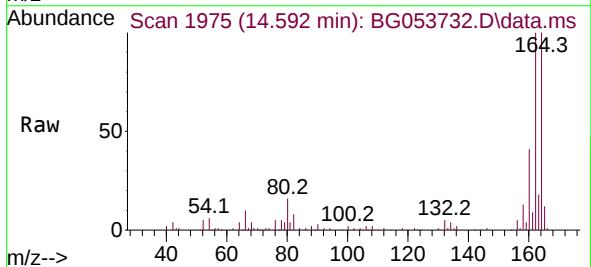
Instrument :
BNA_G
ClientSampleId :
P013-SS002-1824-01

Tgt Ion:172 Resp: 346844
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.330 ng
RT: 14.592 min Scan# 1975
Delta R.T. 0.391 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

Tgt Ion:165 Resp: 9325
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.7 54.8 82.2#

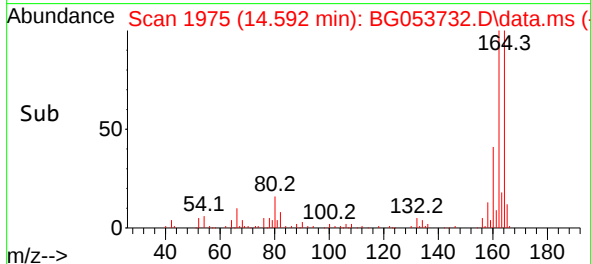
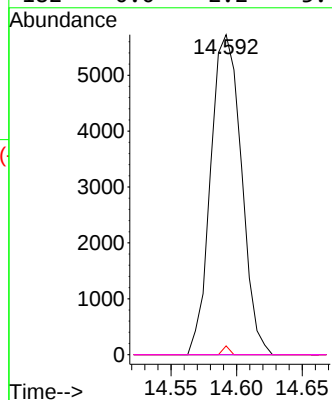
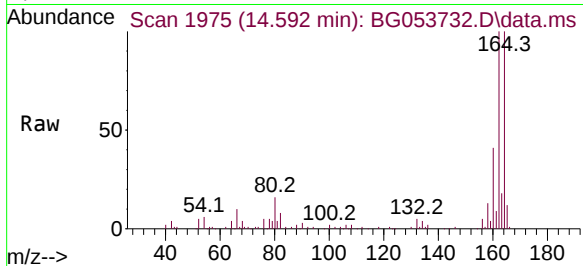




#57
2,4-Dinitrotoluene
Concen: 5.746 ng
RT: 14.592 min Scan# 14592
Delta R.T. -0.402 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

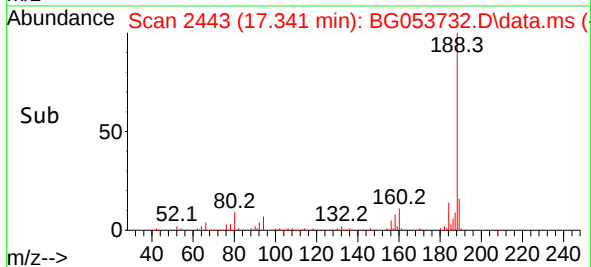
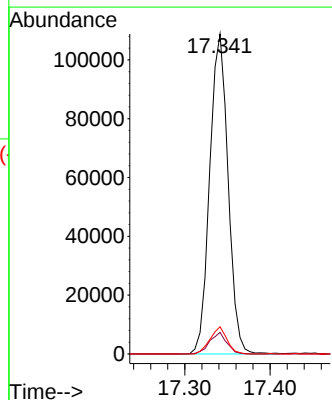
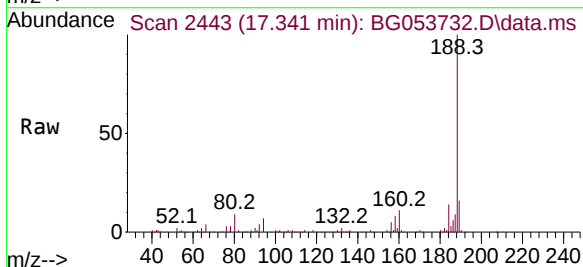
Instrument :
BNA_G
ClientSampleId :
P013-SS002-1824-01

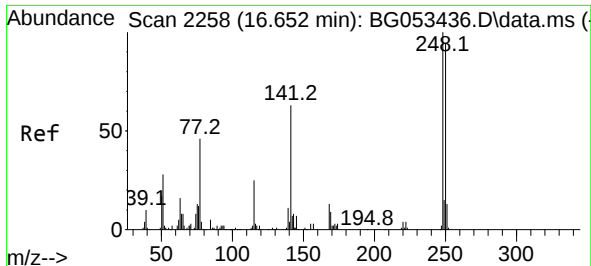
Tgt Ion:165 Resp: 9325
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.7 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2443
Delta R.T. -0.032 min
Lab File: BG053732.D
Acq: 27 May 2022 14:13

Tgt Ion:188 Resp: 162773
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.5 6.8 10.2





#67

4-Bromophenyl-phenylether

Concen: 3.522 ng

RT: 16.090 min Scan# 21

Delta R.T. -0.461 min

Lab File: BG053732.D

Acq: 27 May 2022 14:13

Instrument :

BNA_G

ClientSampleId :

P013-SS002-1824-01

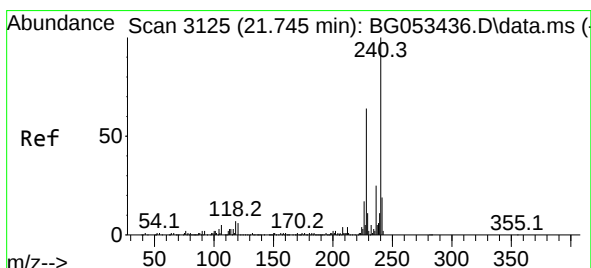
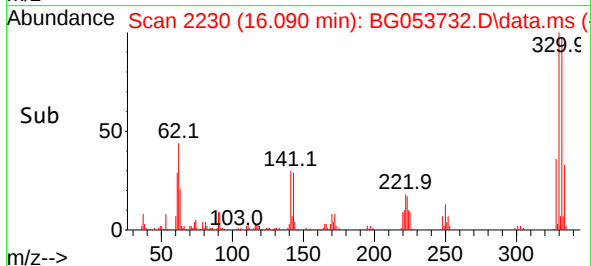
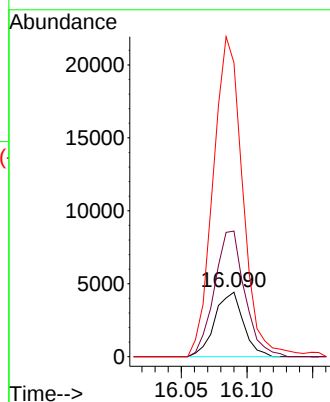
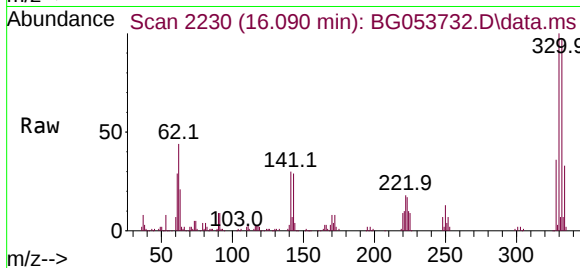
Tgt Ion:248 Resp: 6695

Ion Ratio Lower Upper

248 100

250 194.9 75.2 112.8#

141 456.2 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.600 min Scan# 3168

Delta R.T. -0.038 min

Lab File: BG053732.D

Acq: 27 May 2022 14:13

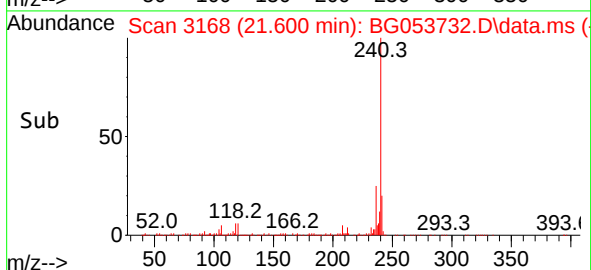
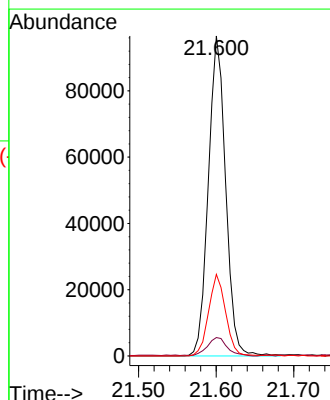
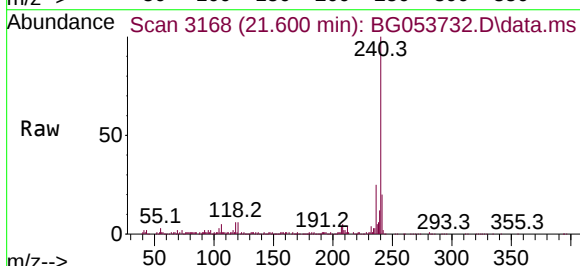
Tgt Ion:240 Resp: 149549

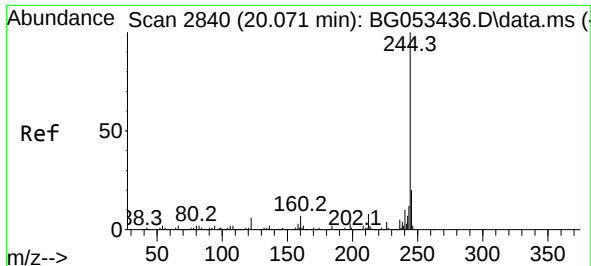
Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

236 25.5 20.2 30.4

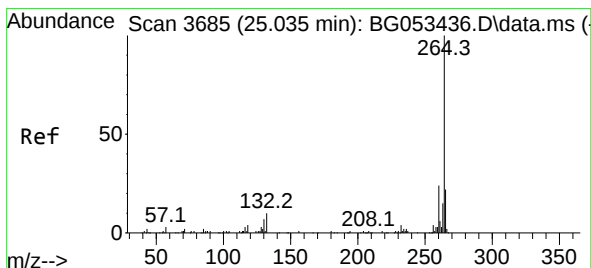
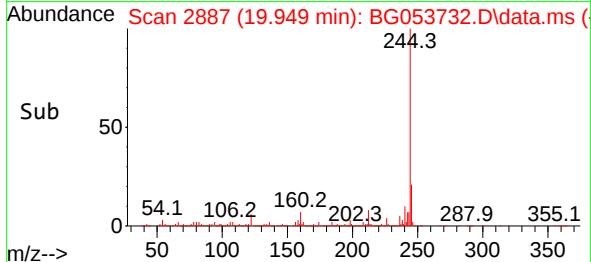
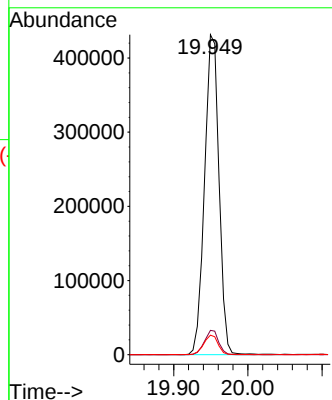
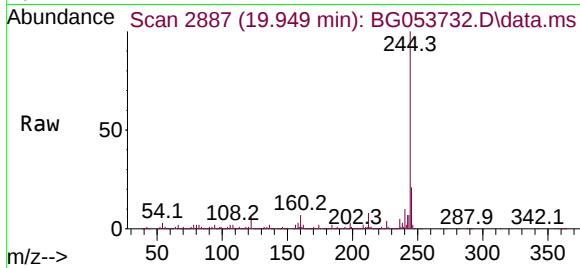




#79
 Terphenyl-d14
 Concen: 72.670 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG053732.D
 Acq: 27 May 2022 14:13

Instrument :
 BNA_G
 ClientSampleId :
 P013-SS002-1824-01

Tgt Ion:244 Resp: 583514
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.778 min Scan# 3709
 Delta R.T. -0.062 min
 Lab File: BG053732.D
 Acq: 27 May 2022 14:13

Tgt Ion:264 Resp: 150641
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.6
 265 21.3 17.4 26.2

