

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053497.D
 Acq On : 9 May 2022 17:44
 Operator : CG/JU
 Sample : N2738-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2474

Quant Time: May 10 03:02:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

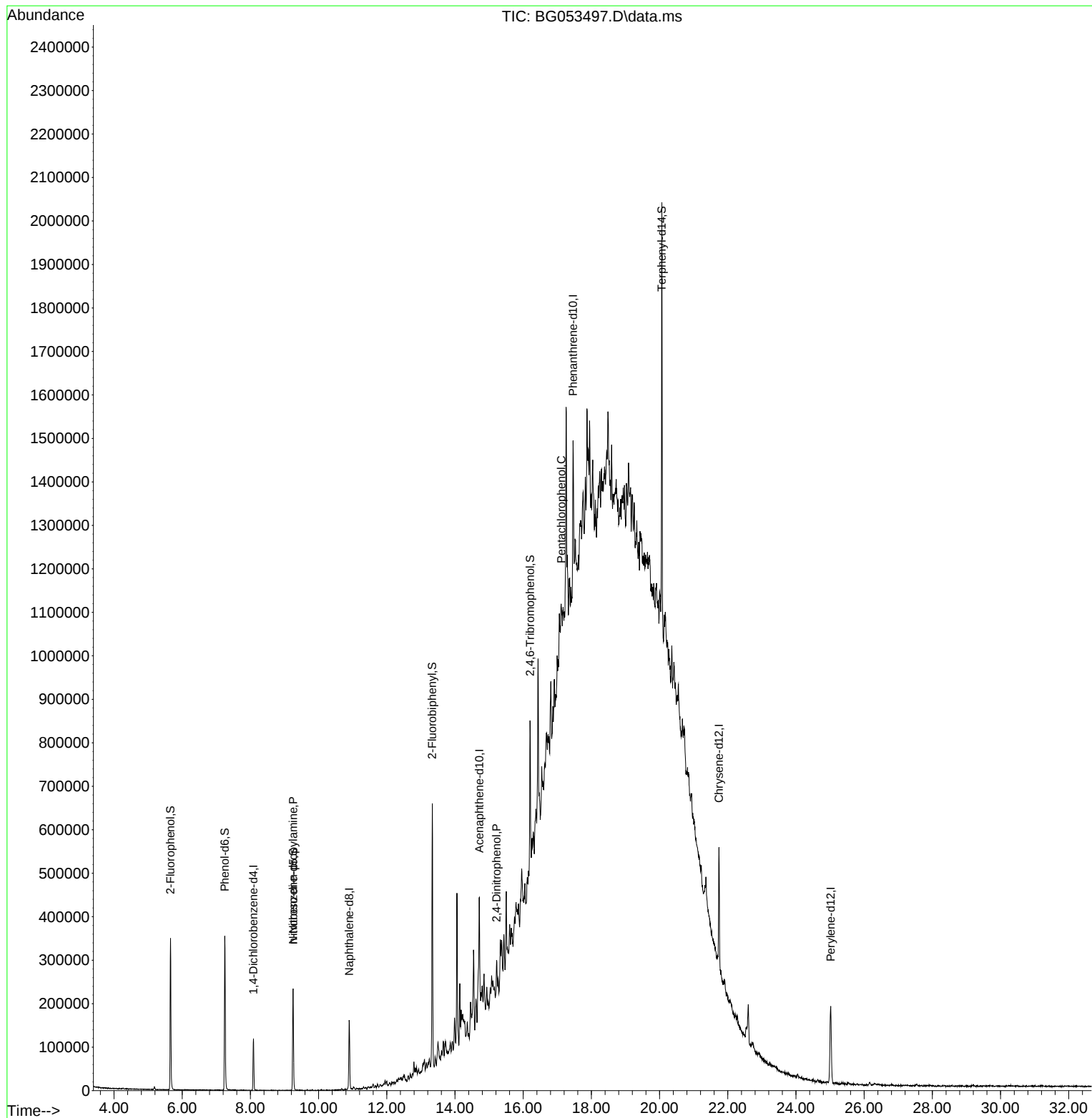
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	33716	20.000	ng	-0.01
21) Naphthalene-d8	10.897	136	131785	20.000	ng	-0.02
39) Acenaphthene-d10	14.715	164	80804	20.000	ng	0.00
64) Phenanthrene-d10	17.464	188	157562	20.000	ng	# 0.00
76) Chrysene-d12	21.741	240	170797	20.000	ng	0.00
86) Perylene-d12	25.019	264	200830	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	143892	72.430	ng	-0.01
7) Phenol-d6	7.249	99	204381	67.787	ng	-0.01
23) Nitrobenzene-d5	9.252	82	154069	49.766	ng	-0.01
42) 2,4,6-Tribromophenol	16.201	330	73005	61.258	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	311850	56.396	ng	-0.01
79) Terphenyl-d14	20.067	244	456460	49.775	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	21158	9.781	ng	# 81
54) 2,4-Dinitrophenol	15.214	184	115	6.378	ng	# 1
70) Pentachlorophenol	17.124	266	483	5.069	ng	# 34

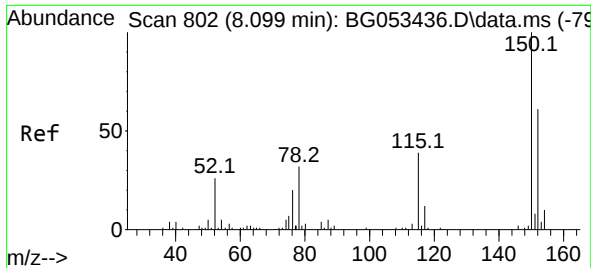
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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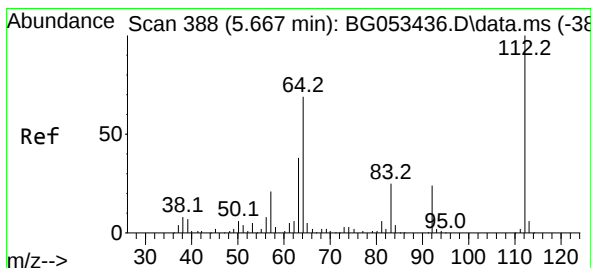
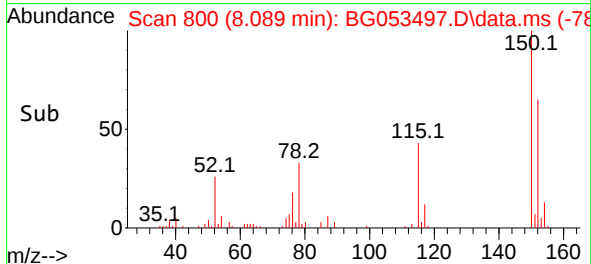
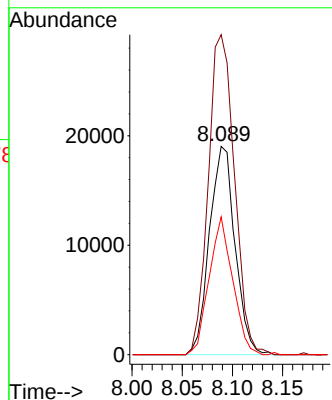
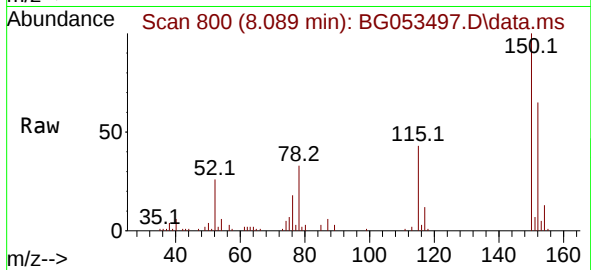




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

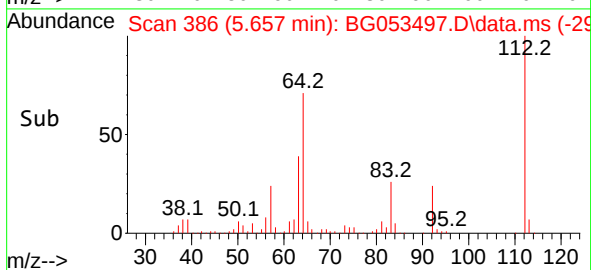
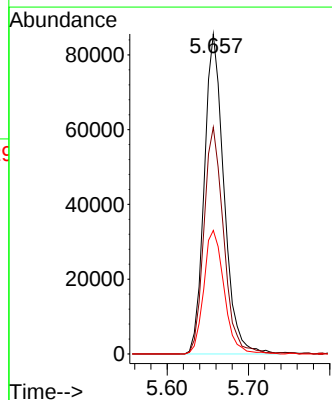
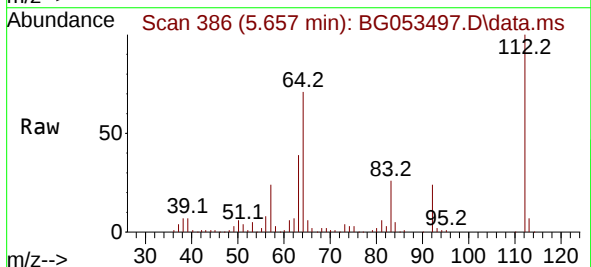
Instrument :
BNA_G
ClientSampleId :
2474

Tgt Ion:152 Resp: 33716
Ion Ratio Lower Upper
152 100
150 153.6 131.6 197.4
115 66.1 50.9 76.3



#5
2-Fluorophenol
Concen: 72.430 ng
RT: 5.657 min Scan# 386
Delta R.T. -0.010 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

Tgt Ion:112 Resp: 143892
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 38.6 30.4 45.6

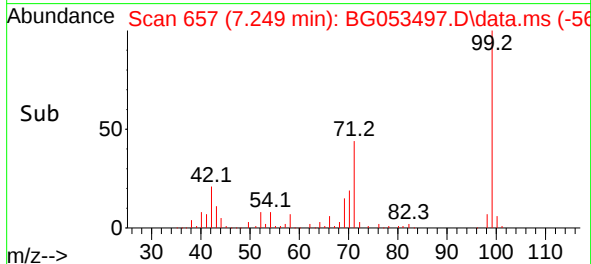
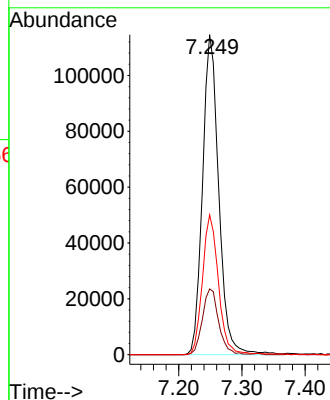
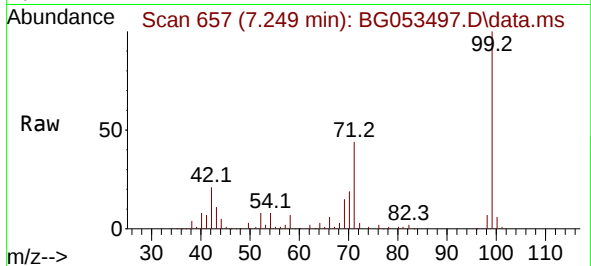




#7
Phenol-d6
Concen: 67.787 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

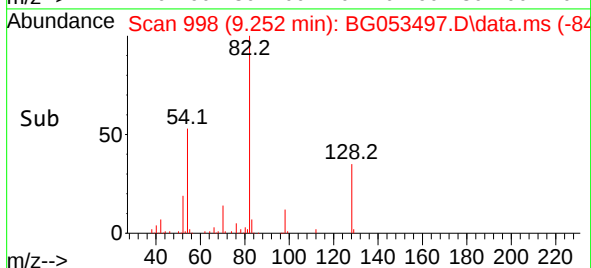
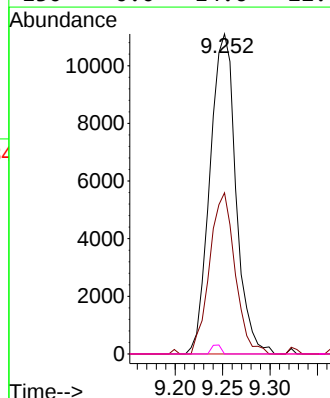
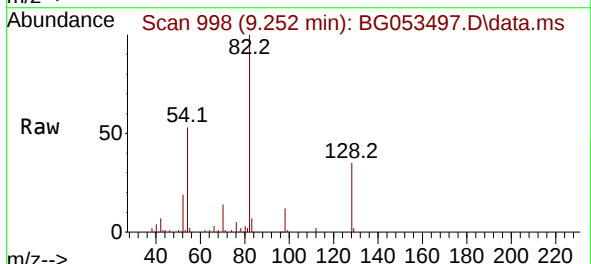
Instrument :
BNA_G
ClientSampleId :
2474

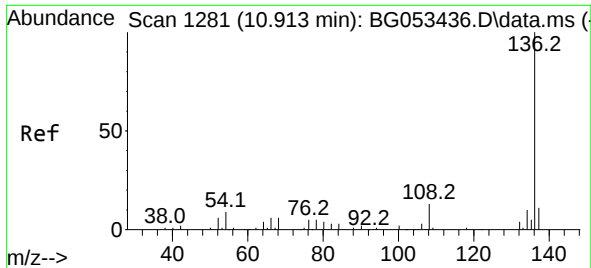
Tgt Ion: 99 Resp: 204381
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 43.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.781 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.354 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

Tgt Ion: 70 Resp: 21158
Ion Ratio Lower Upper
70 100
42 50.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

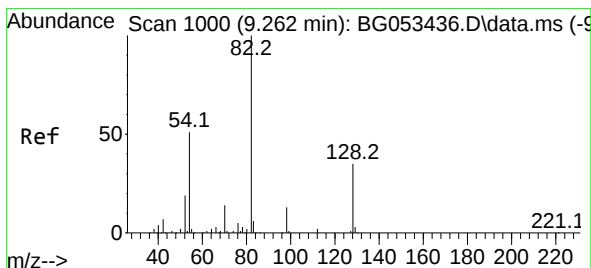
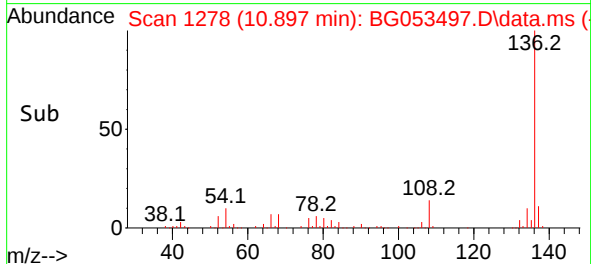
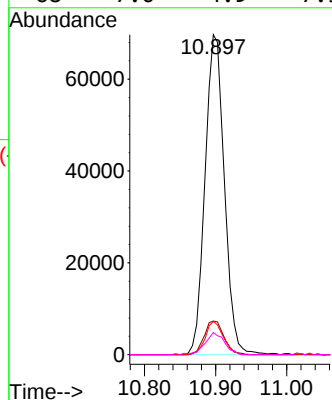
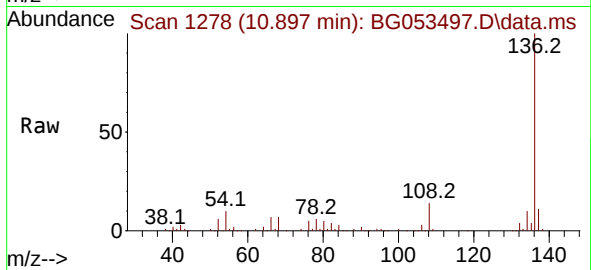




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

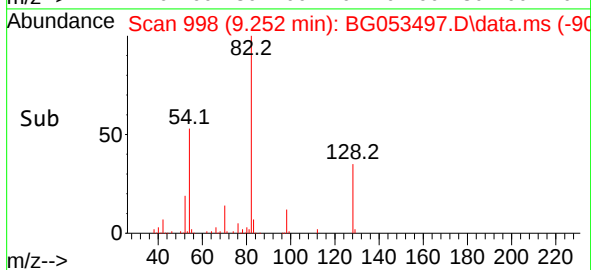
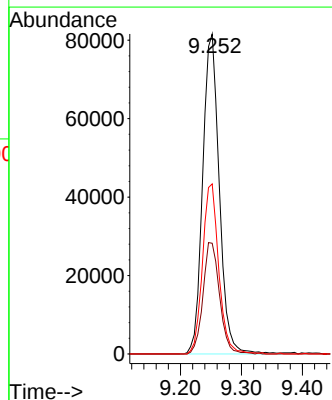
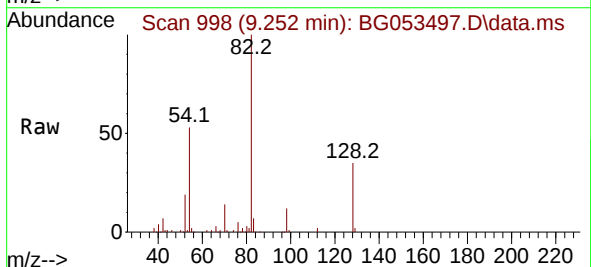
Instrument :
BNA_G
ClientSampleId :
2474

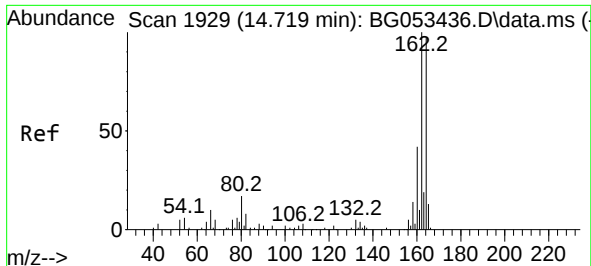
Tgt Ion:	136	Resp:	131785
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.4	7.4	11.2
68	7.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 49.766 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.010 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

Tgt Ion:	82	Resp:	154069
Ion Ratio	Lower	Upper	
82	100		
128	34.6	27.9	41.9
54	53.2	41.2	61.8

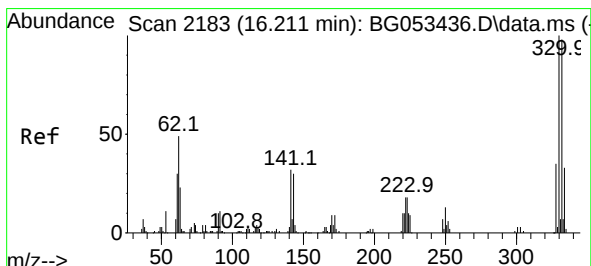
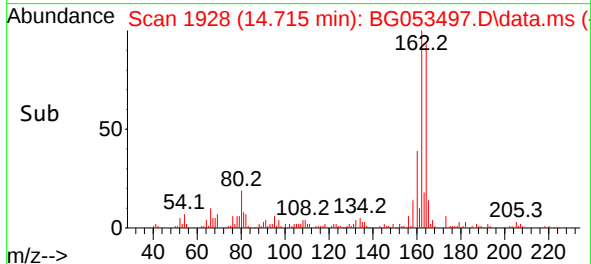
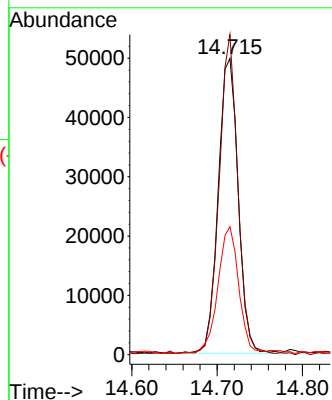
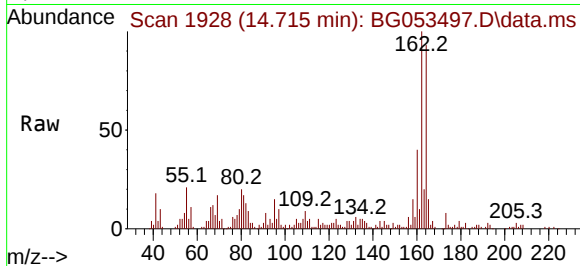




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

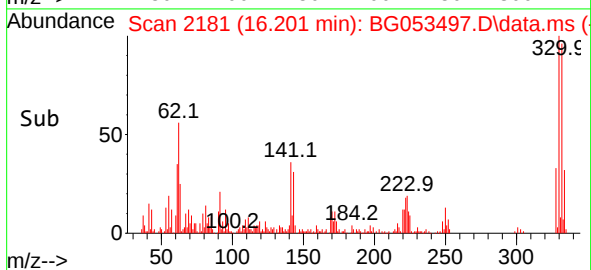
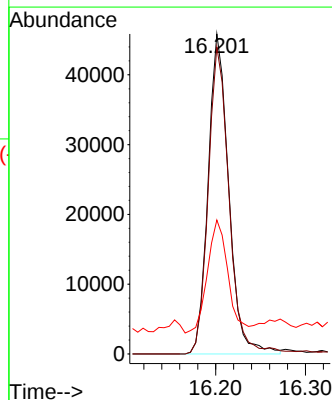
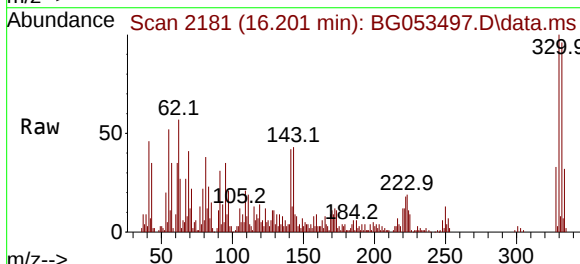
Instrument :
BNA_G
ClientSampleId :
2474

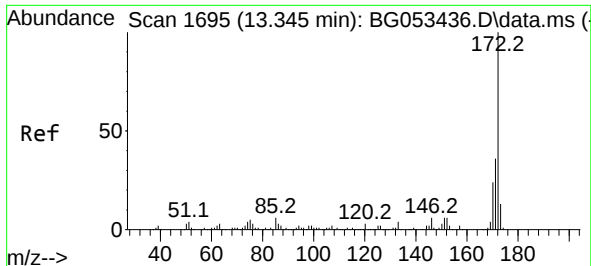
Tgt Ion:164 Resp: 80804
Ion Ratio Lower Upper
164 100
162 108.1 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 61.258 ng
RT: 16.201 min Scan# 2181
Delta R.T. -0.010 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

Tgt Ion:330 Resp: 73005
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 35.0 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 56.396 ng

RT: 13.335 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG053497.D

Acq: 9 May 2022 17:44

Instrument :

BNA_G

ClientSampleId :

2474

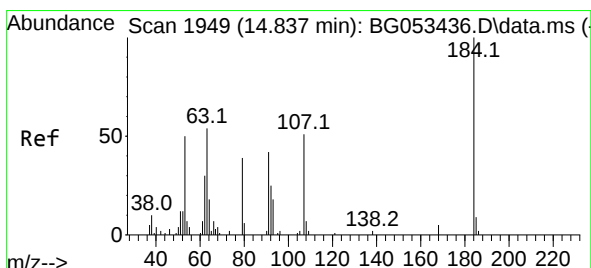
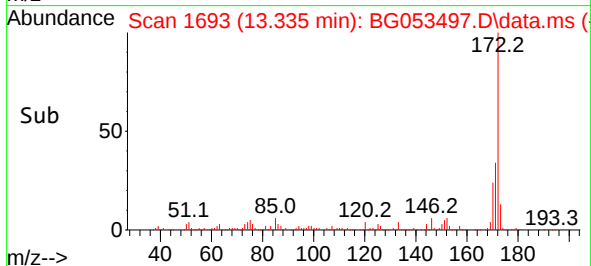
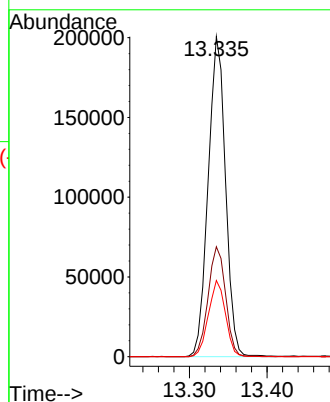
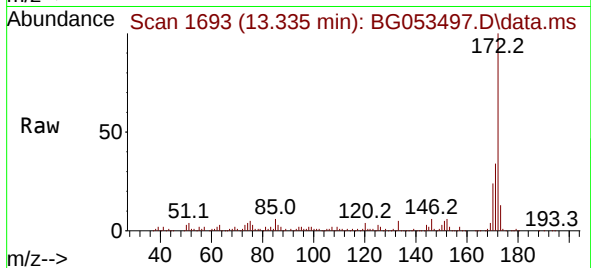
Tgt Ion:172 Resp: 311850

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

170 23.8 18.9 28.3



#54

2,4-Dinitrophenol

Concen: 6.378 ng

RT: 15.214 min Scan# 2013

Delta R.T. 0.377 min

Lab File: BG053497.D

Acq: 9 May 2022 17:44

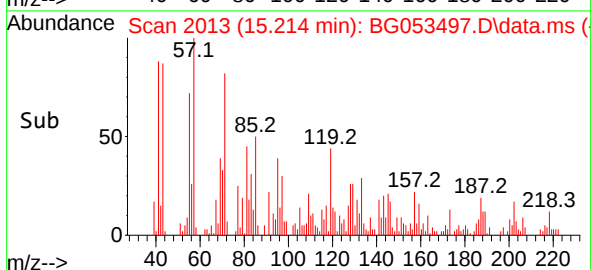
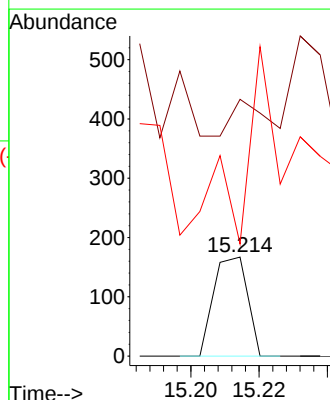
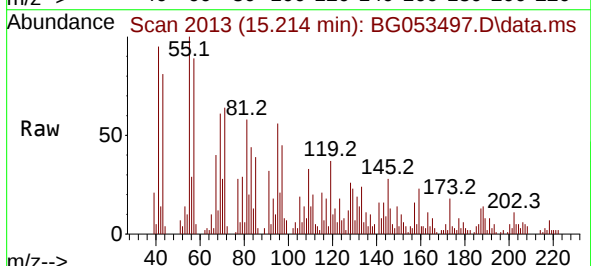
Tgt Ion:184 Resp: 115

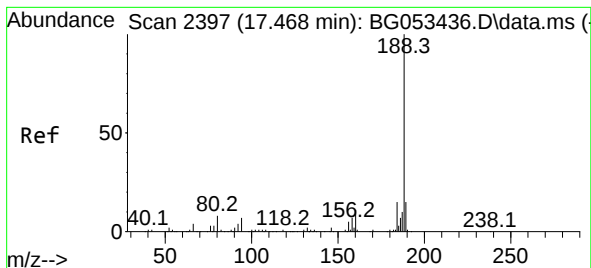
Ion Ratio Lower Upper

184 100

63 259.3 61.1 91.7#

154 113.2 60.6 91.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.464 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053497.D

Acq: 9 May 2022 17:44

Instrument :

BNA_G

ClientSampleId :

2474

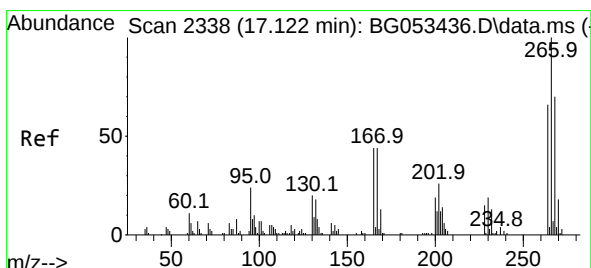
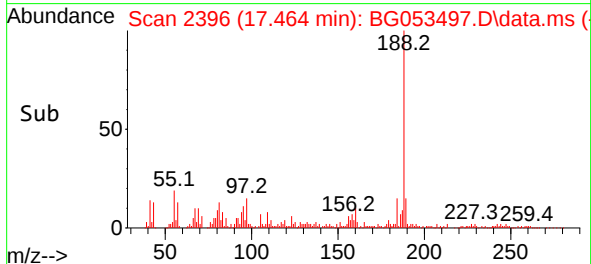
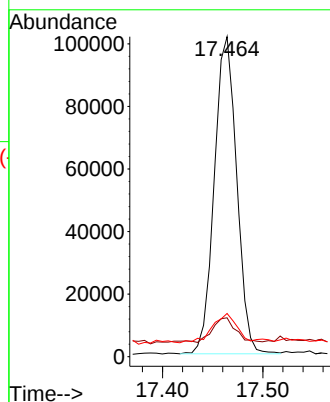
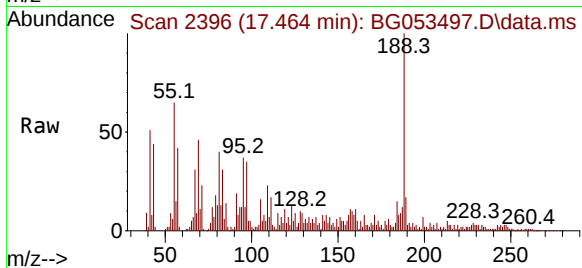
Tgt Ion:188 Resp: 157562

Ion Ratio Lower Upper

188 100

94 12.2 5.4 8.0#

80 13.5 6.8 10.2#



#70

Pentachlorophenol

Concen: 5.069 ng

RT: 17.124 min Scan# 2338

Delta R.T. 0.002 min

Lab File: BG053497.D

Acq: 9 May 2022 17:44

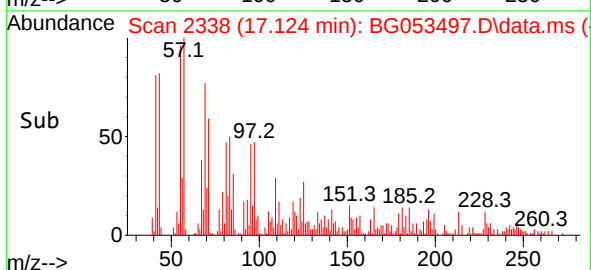
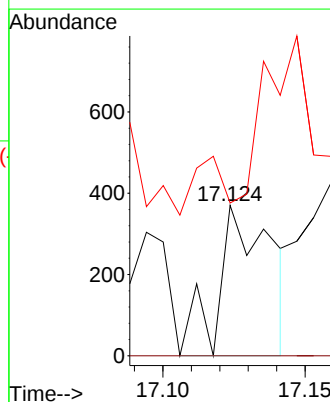
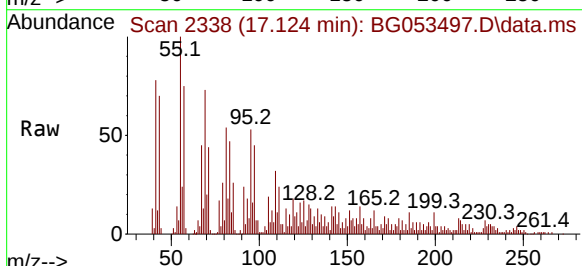
Tgt Ion:266 Resp: 483

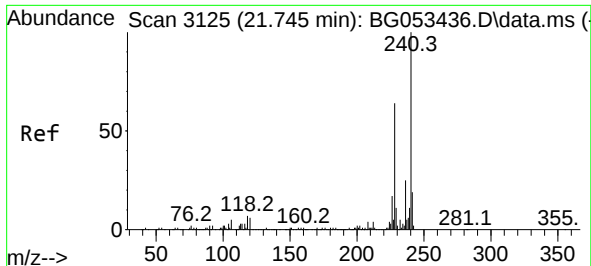
Ion Ratio Lower Upper

266 100

268 0.0 56.2 84.2#

264 101.6 53.0 79.4#

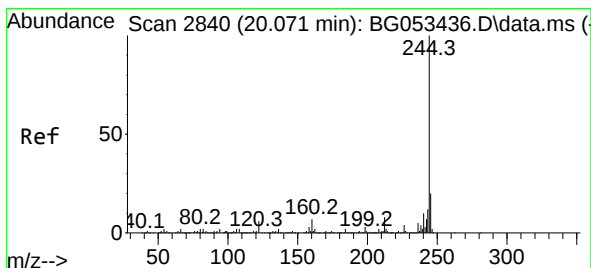
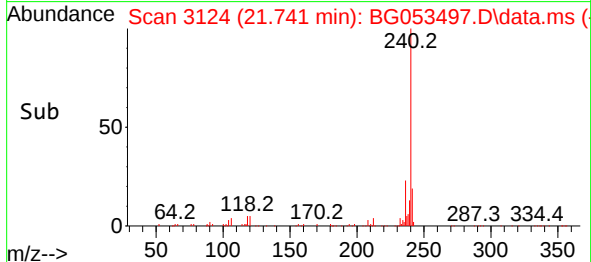
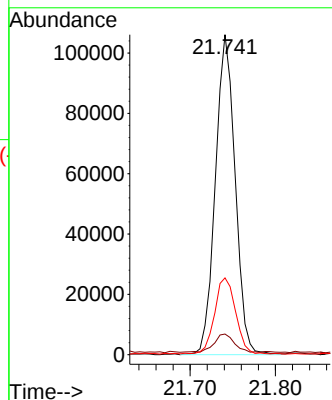
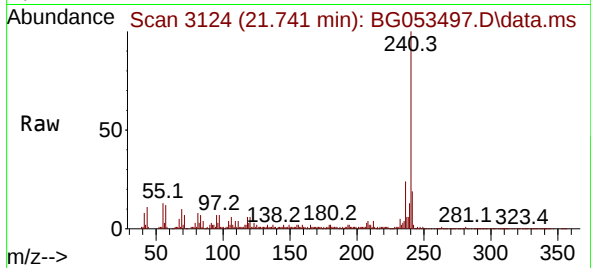




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.741 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

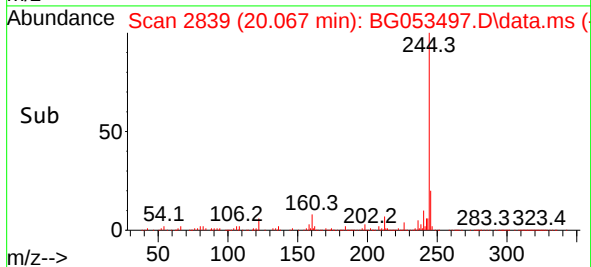
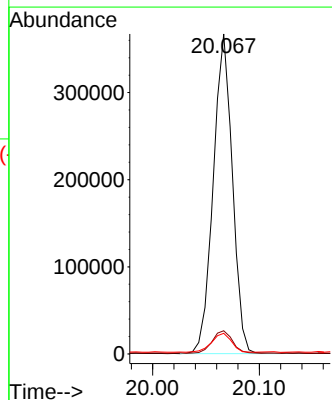
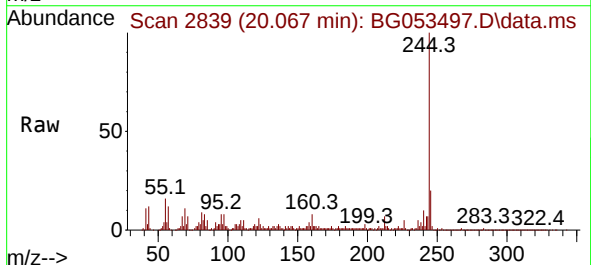
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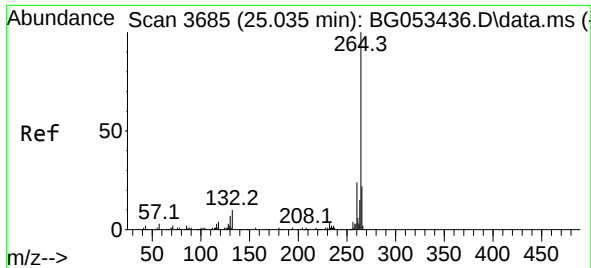
Tgt Ion:240 Resp: 170797
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.0 20.2 30.4



#79
Terphenyl-d14
Concen: 49.775 ng
RT: 20.067 min Scan# 2839
Delta R.T. -0.004 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

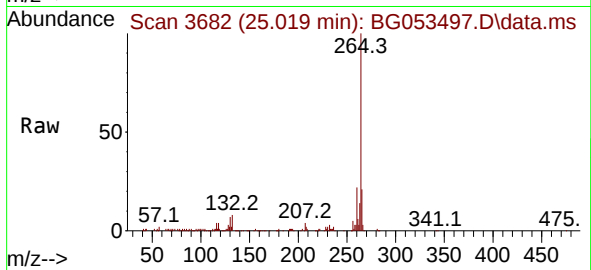
Tgt Ion:244 Resp: 456460
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.5 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.019 min Scan# 30
Delta R.T. -0.016 min
Lab File: BG053497.D
Acq: 9 May 2022 17:44

Instrument :
BNA_G
ClientSampleId :
2474



Tgt Ion:264 Resp: 200830

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.6
265	21.1	17.4	26.2

