

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
 Data File : BG053523.D
 Acq On : 11 May 2022 12:41
 Operator : CG/JU
 Sample : PB144706BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144706BL

Quant Time: May 11 13:39:53 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 11 06:00:46 2022
 Response via : Initial Calibration

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

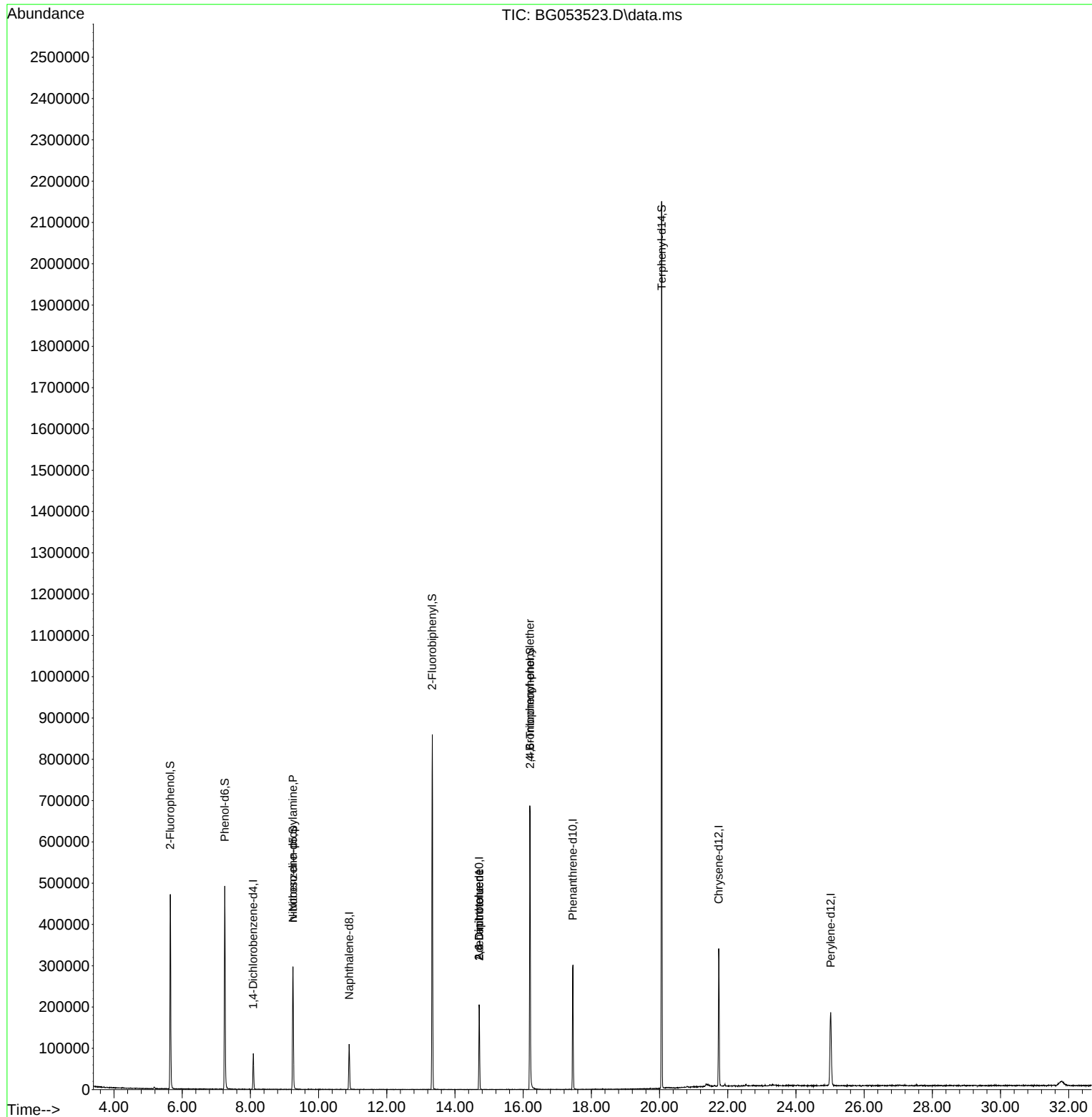
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	23067	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	95495	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	74582	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	199687	20.000	ng	0.00
76) Chrysene-d12	21.736	240	219160	20.000	ng	0.00
86) Perylene-d12	25.019	264	214269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	192055	141.303	ng	0.00
7) Phenol-d6	7.249	99	280784	136.121	ng	0.00
23) Nitrobenzene-d5	9.247	82	194561	86.729	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	143725	130.659	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	454735	89.096	ng	0.00
79) Terphenyl-d14	20.061	244	1039407	88.331	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.247	70	27519	18.594	ng	# 74
51) 2,6-Dinitrotoluene	14.710	165	9970	8.635	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	9970	5.957	ng	# 21
67) 4-Bromophenyl-phenylether	16.196	248	9058	3.884	ng	# 1

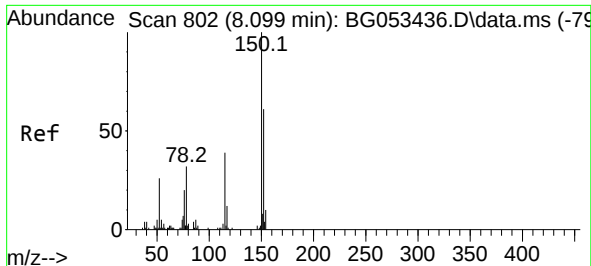
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_G
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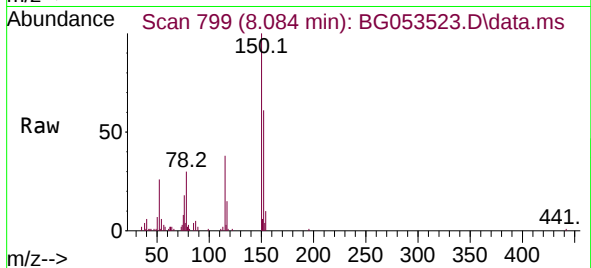
Quant Time: May 11 13:39:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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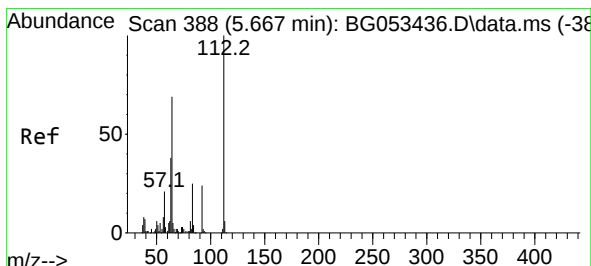
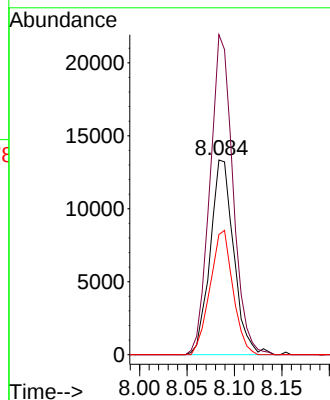
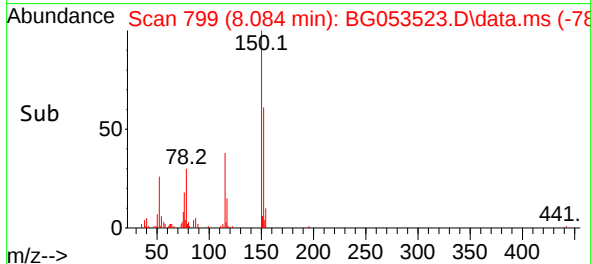


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Instrument :
BNA_G
ClientSampleId :
PB144706BL

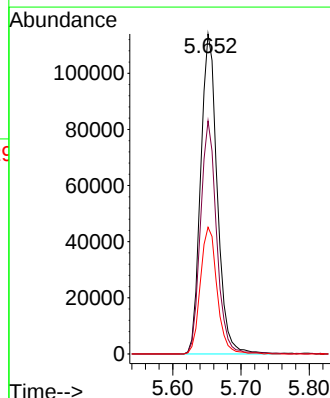
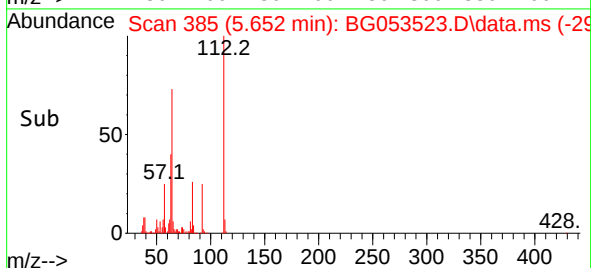
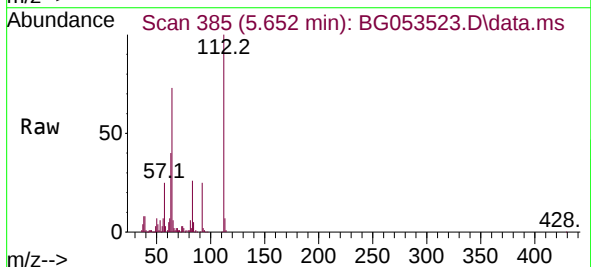


Tgt Ion:152 Resp: 23067
Ion Ratio Lower Upper
152 100
150 164.3 131.6 197.4
115 61.7 50.9 76.3



#5
2-Fluorophenol
Concen: 141.303 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Tgt Ion:112 Resp: 192055
Ion Ratio Lower Upper
112 100
64 72.9 55.1 82.7
63 39.6 30.4 45.6

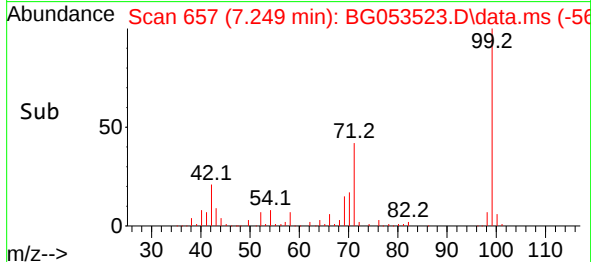
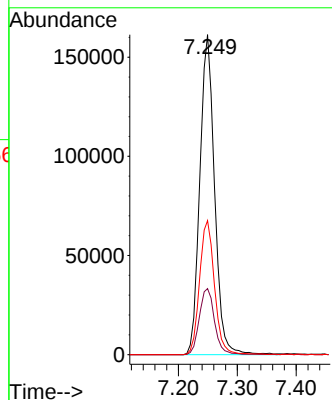
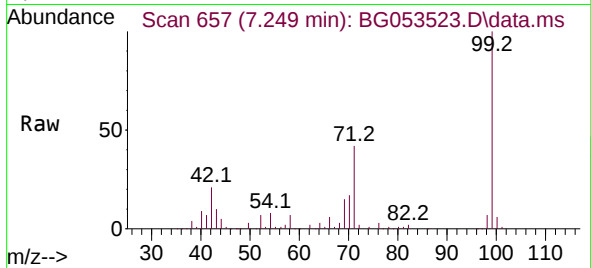




#7
Phenol-d6
Concen: 136.121 ng
RT: 7.249 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

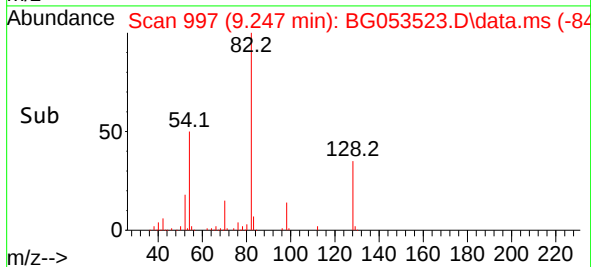
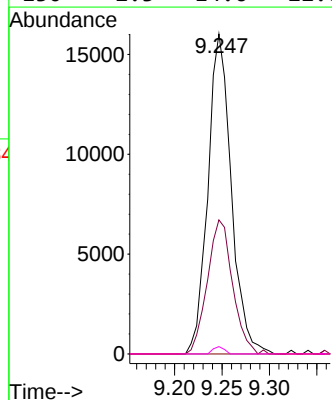
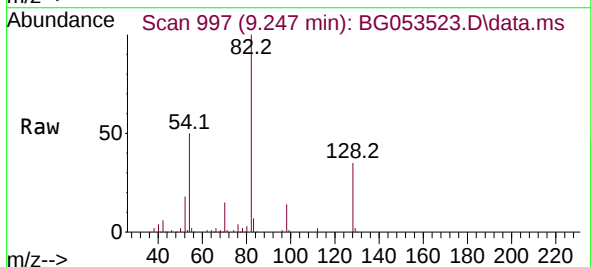
Instrument :
BNA_G
ClientSampleId :
PB144706BL

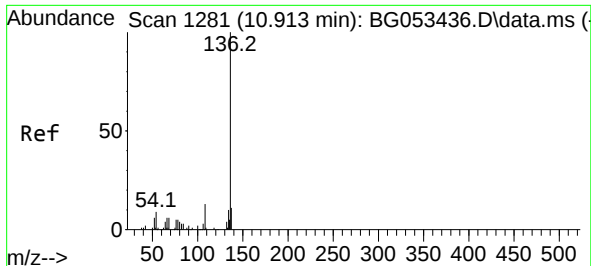
Tgt Ion: 99 Resp: 280784
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.594 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.358 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Tgt Ion: 70 Resp: 27519
Ion Ratio Lower Upper
70 100
42 41.9 47.3 70.9#
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

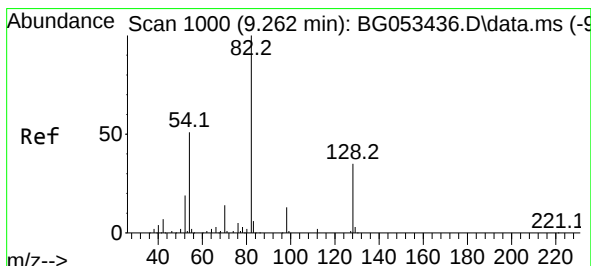
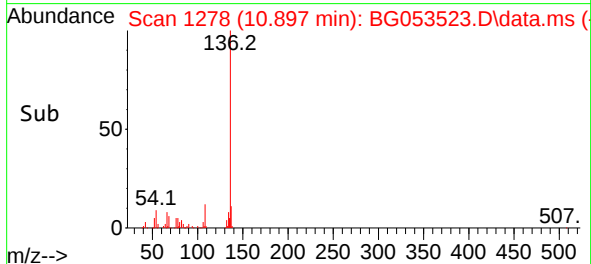
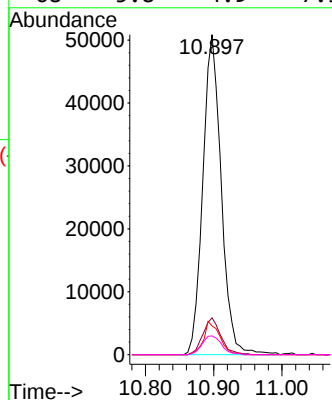
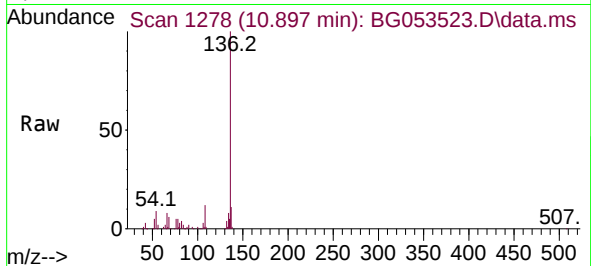




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

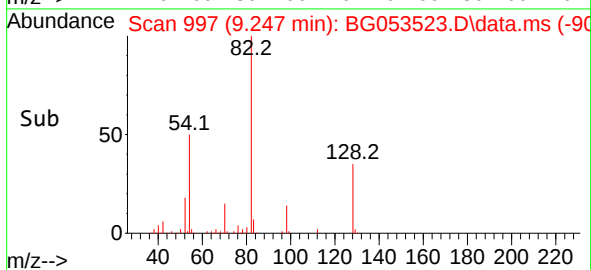
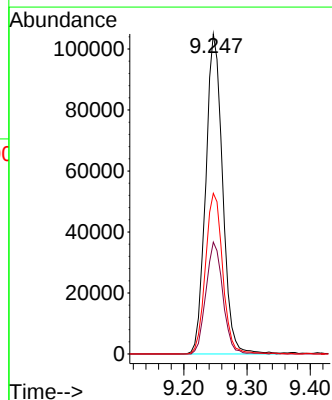
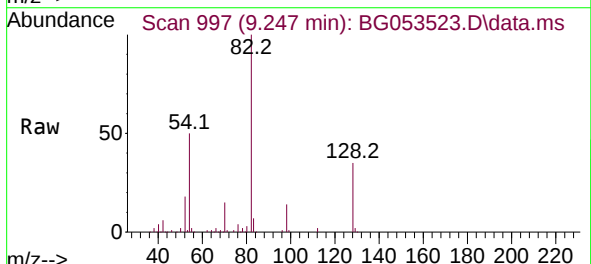
Instrument :
BNA_G
ClientSampleId :
PB144706BL

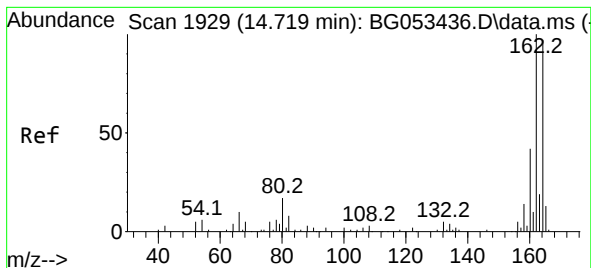
Tgt Ion:	136	Resp:	95495
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	9.0	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.729 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Tgt Ion:	82	Resp:	194561
Ion Ratio	Lower	Upper	
82	100		
128	35.0	27.9	41.9
54	50.2	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BG053523.D

Acq: 11 May 2022 12:41

Instrument :

BNA_G

ClientSampleId :

PB144706BL

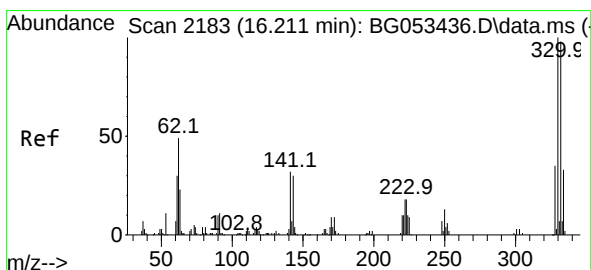
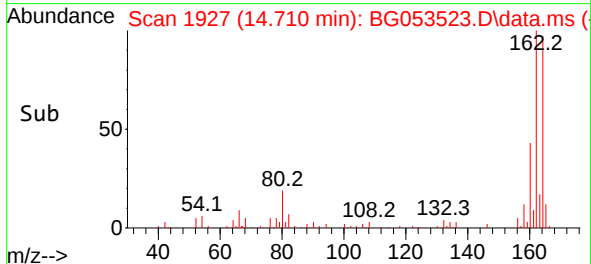
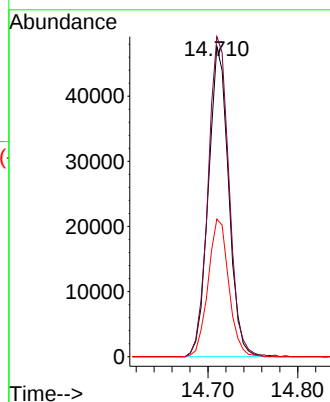
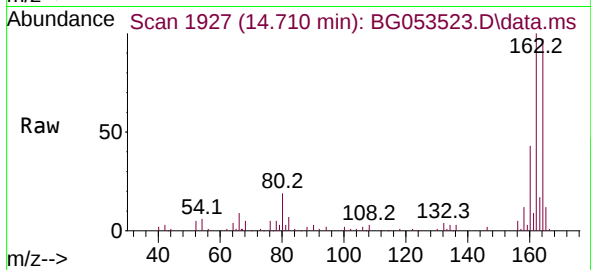
Tgt Ion:164 Resp: 74582

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 44.4 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 130.659 ng

RT: 16.202 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BG053523.D

Acq: 11 May 2022 12:41

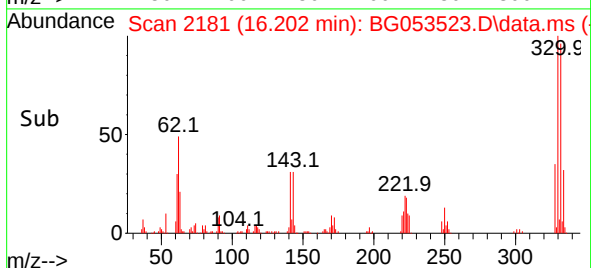
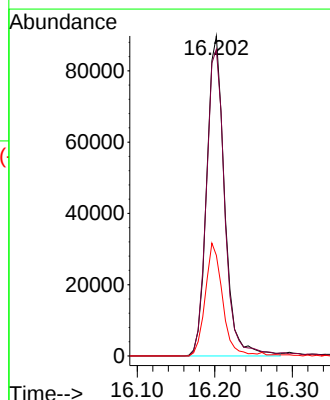
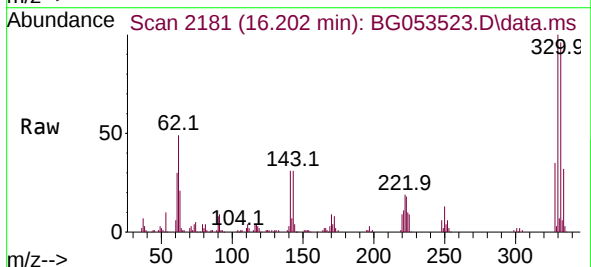
Tgt Ion:330 Resp: 143725

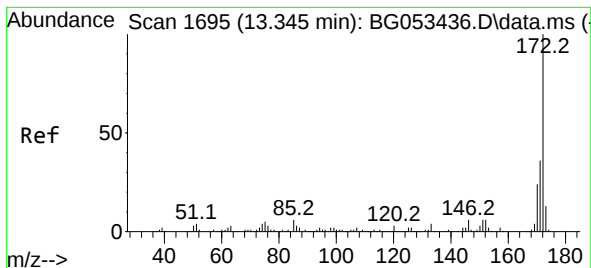
Ion Ratio Lower Upper

330 100

332 98.9 76.0 114.0

141 34.3 27.1 40.7

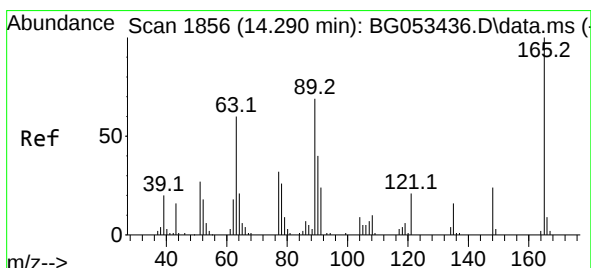
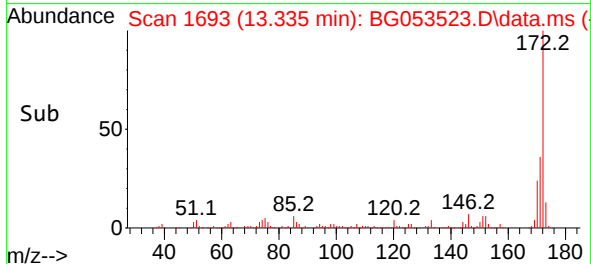
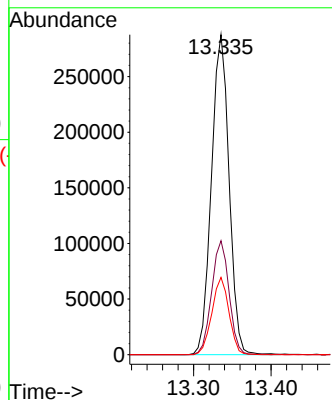
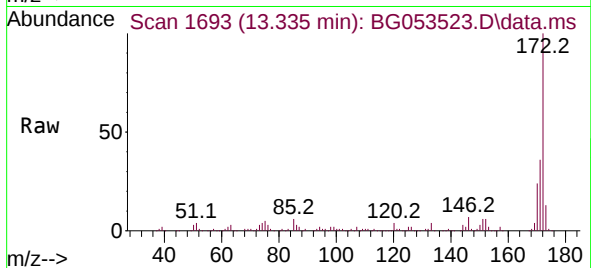




#45
2-Fluorobiphenyl
Concen: 89.096 ng
RT: 13.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

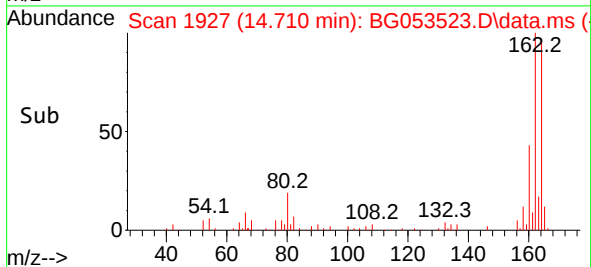
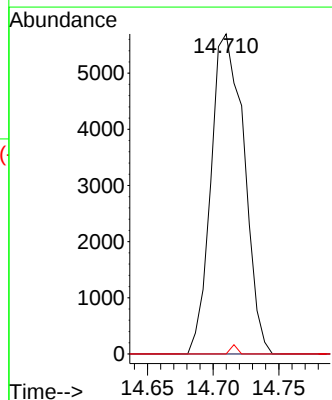
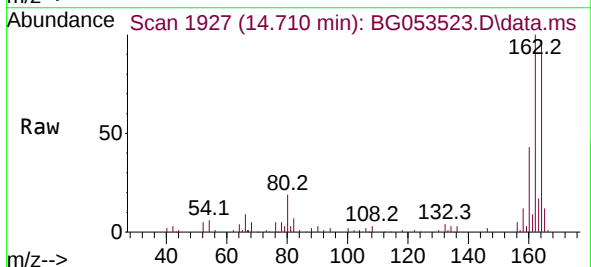
Instrument :
BNA_G
ClientSampleId :
PB144706BL

Tgt Ion:172 Resp: 454735
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.635 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Tgt Ion:165 Resp: 9970
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.957 ng

RT: 14.710 min Scan# 1991

Delta R.T. -0.364 min

Lab File: BG053523.D

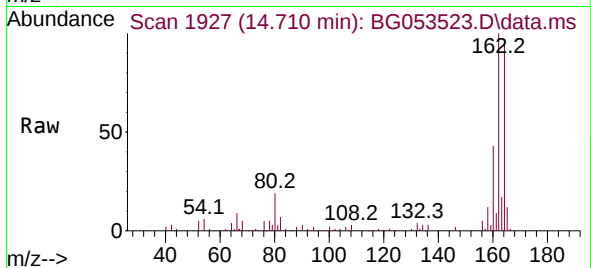
Acq: 11 May 2022 12:41

Instrument :

BNA_G

ClientSampleId :

PB144706BL



Tgt Ion:165 Resp: 9970

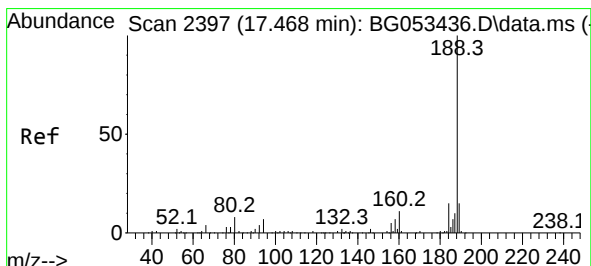
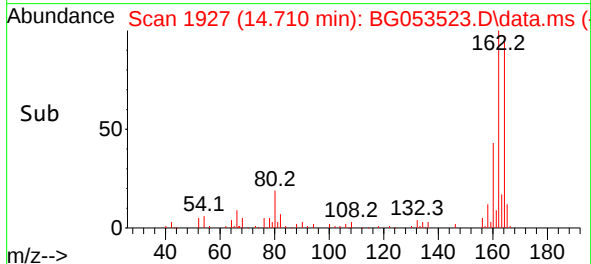
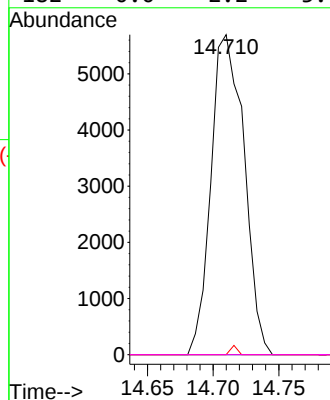
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BG053523.D

Acq: 11 May 2022 12:41

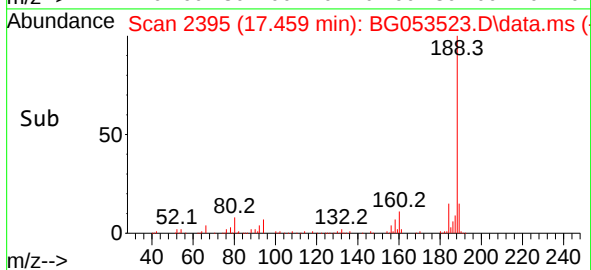
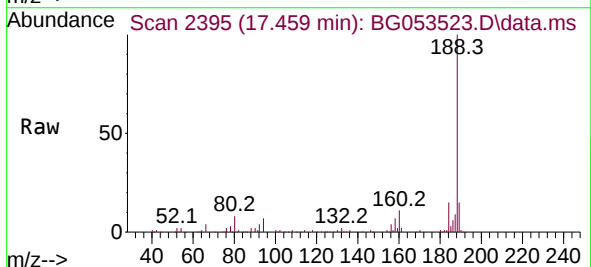
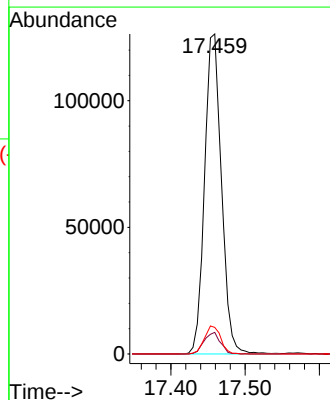
Tgt Ion:188 Resp: 199687

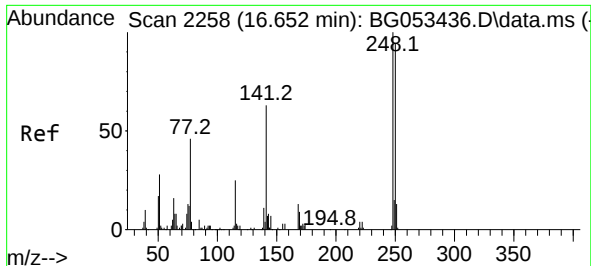
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.3 6.8 10.2

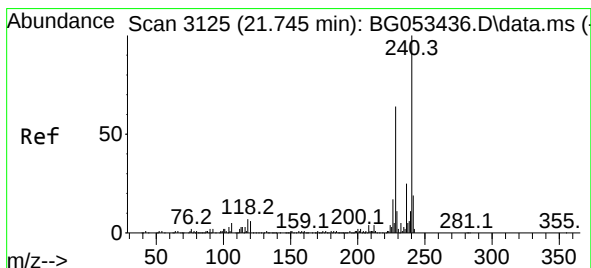
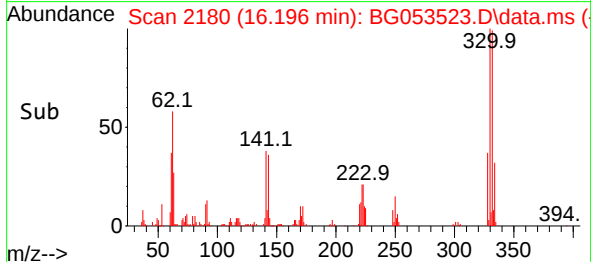
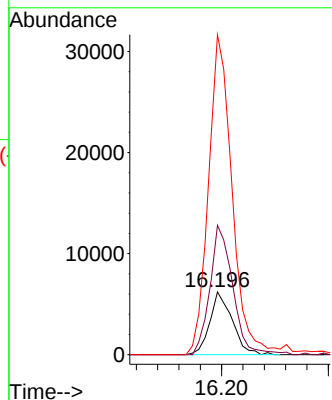
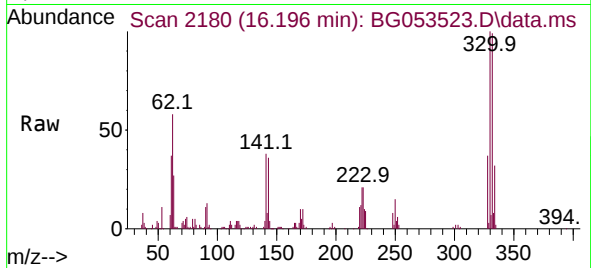




#67
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 16.196 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

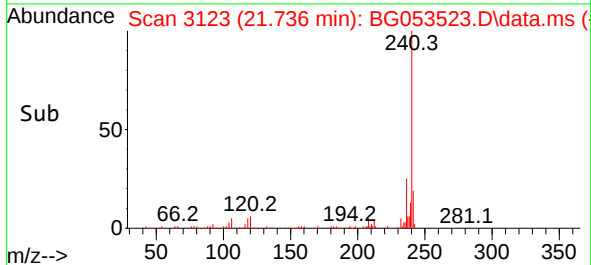
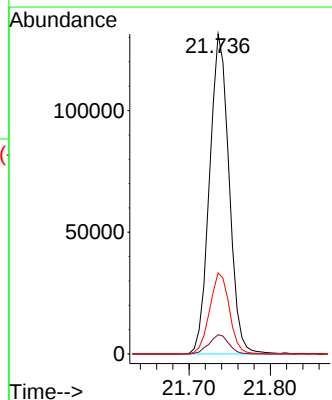
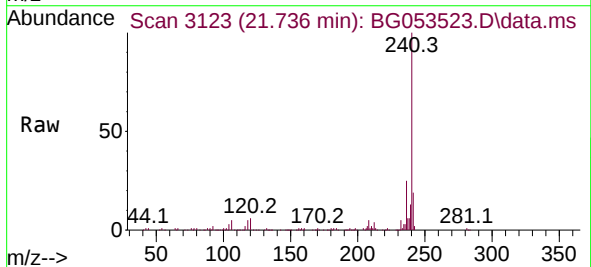
Instrument :
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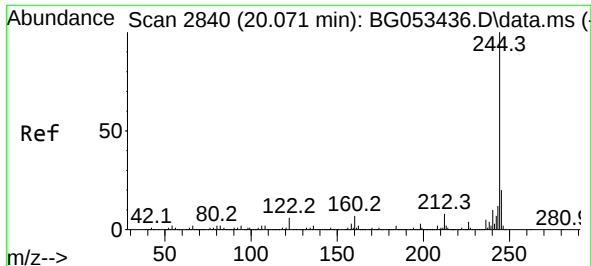
Tgt Ion:248 Resp: 9058
Ion Ratio Lower Upper
248 100
250 206.1 75.2 112.8#
141 509.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053523.D
Acq: 11 May 2022 12:41

Tgt Ion:240 Resp: 219160
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.3 20.2 30.4

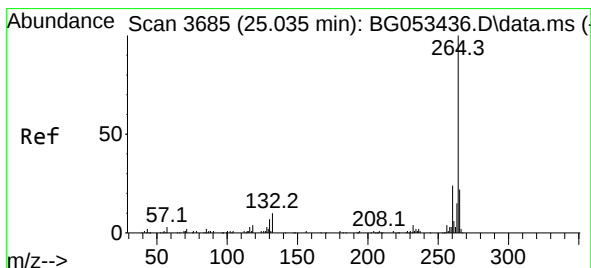
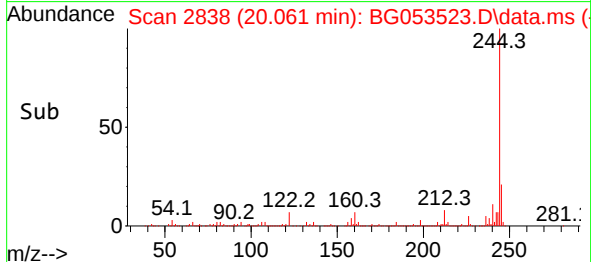
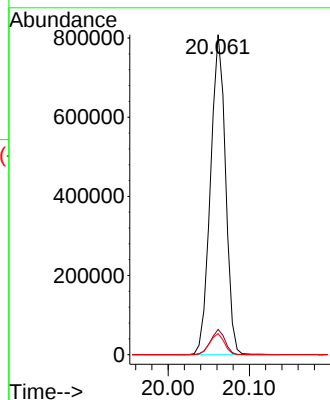
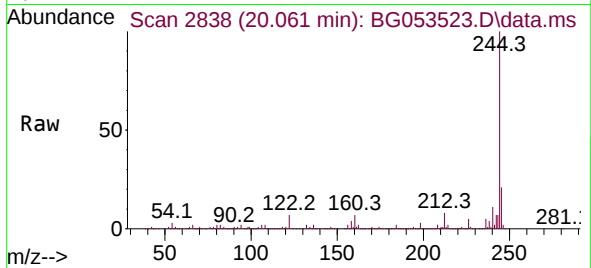




#79
 Terphenyl-d14
 Concen: 88.331 ng
 RT: 20.061 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053523.D
 Acq: 11 May 2022 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB144706BL

Tgt Ion:244 Resp: 1039407
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.019 min Scan# 3682
 Delta R.T. 0.000 min
 Lab File: BG053523.D
 Acq: 11 May 2022 12:41

Tgt Ion:264 Resp: 214269
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.3 17.4 26.2

