

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059953.D
 Acq On : 5 Dec 2023 17:27
 Operator : MA/JU
 Sample : 05586-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VAULT-1RE

Quant Time: Dec 05 22:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	81636	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	286608	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	282871	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	922898	20.000	ng	0.00
76) Chrysene-d12	21.618	240	1373080	20.000	ng	0.00
86) Perylene-d12	24.815	264	1624434	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	547018	134.633	ng	0.00
7) Phenol-d6	7.112	99	703855	109.911	ng	0.00
23) Nitrobenzene-d5	9.121	82	565754	70.563	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	963584	105.875	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2049460	79.022	ng	0.00
79) Terphenyl-d14	19.973	244	5281825	66.313	ng	0.00

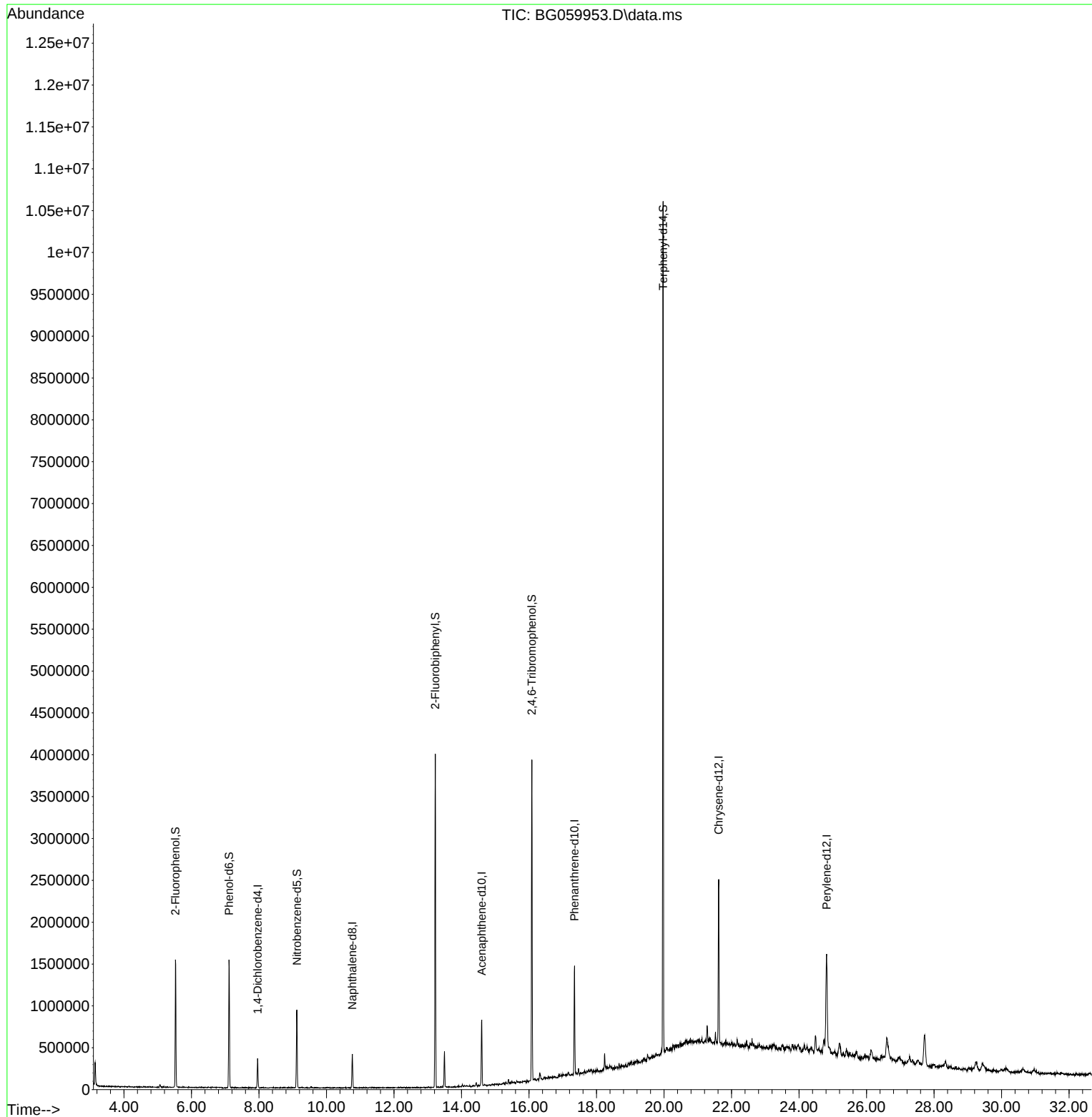
Target Compounds	Qvalue

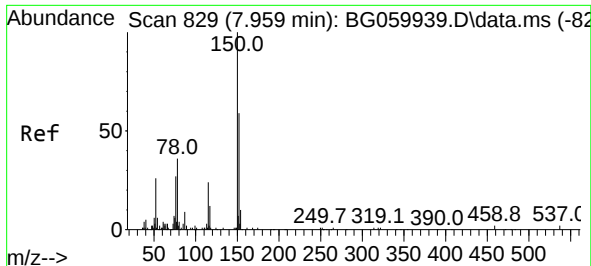
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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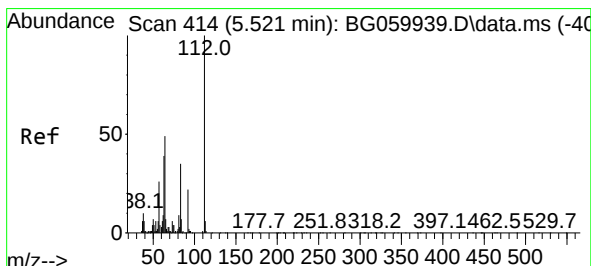
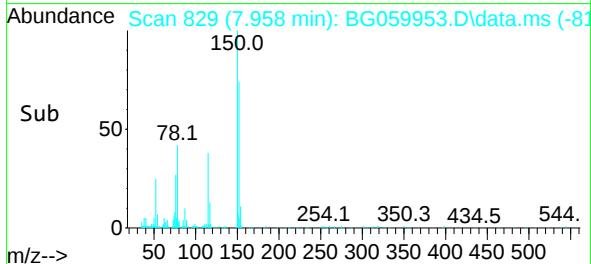
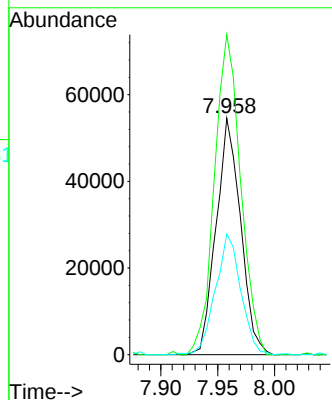
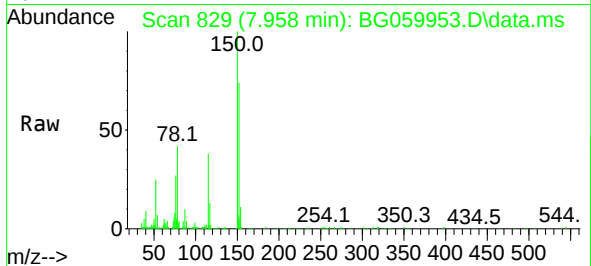




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

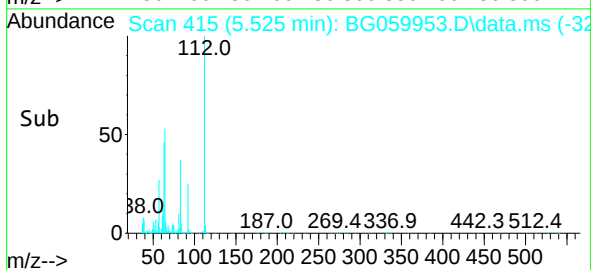
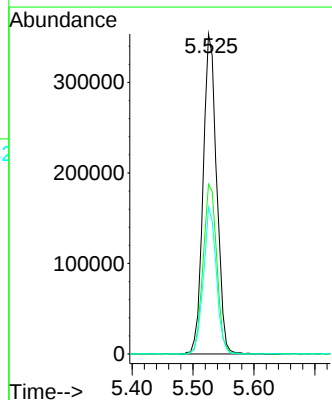
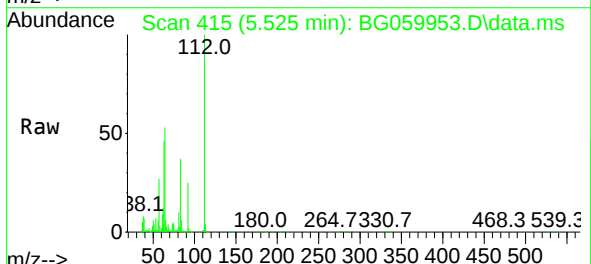
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

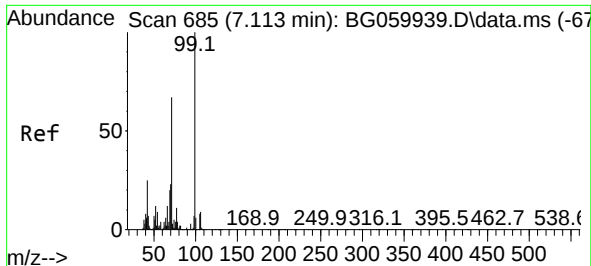
Tgt Ion:152 Resp: 81636
Ion Ratio Lower Upper
152 100
150 135.3 136.9 205.3#
115 51.1 32.9 49.3#



#5
2-Fluorophenol
Concen: 134.633 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:112 Resp: 547018
Ion Ratio Lower Upper
112 100
64 53.0 39.4 59.0
63 45.9 31.2 46.8

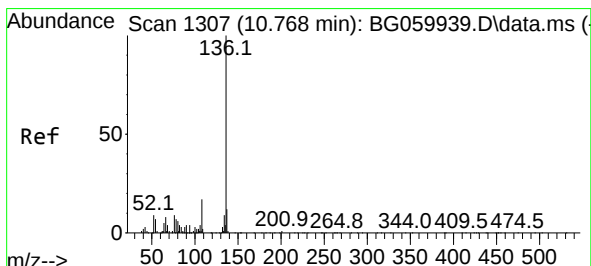
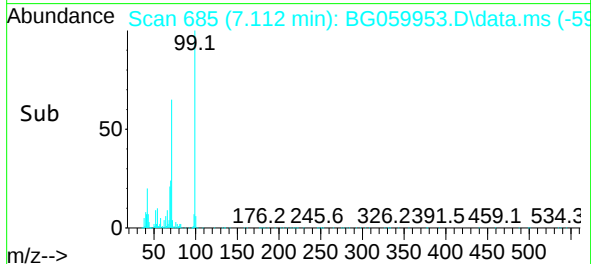
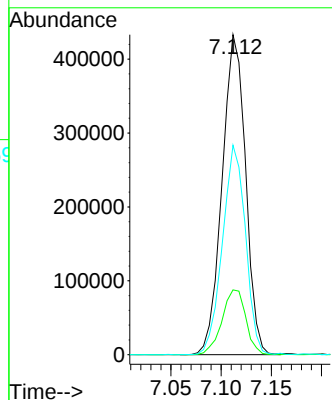
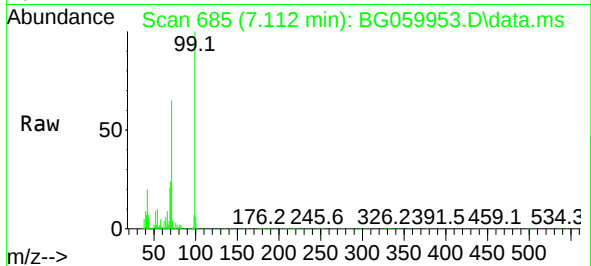




#7
Phenol-d6
Concen: 109.911 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

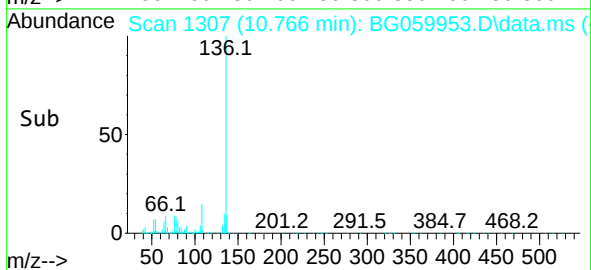
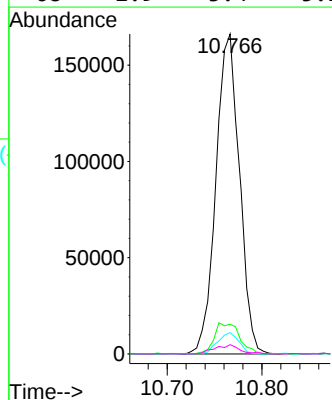
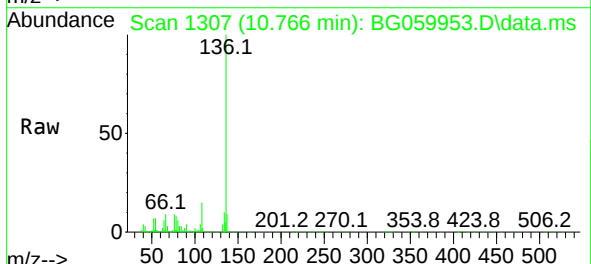
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

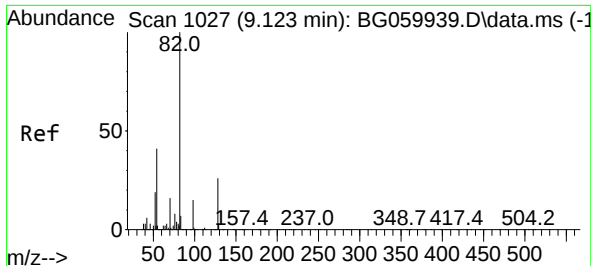
Tgt Ion: 99 Resp: 703855
Ion Ratio Lower Upper
99 100
42 20.3 20.1 30.1
71 65.5 53.8 80.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:136 Resp: 286608
Ion Ratio Lower Upper
136 100
137 9.3 9.8 14.6#
54 6.7 5.8 8.6
68 2.9 3.4 5.2#

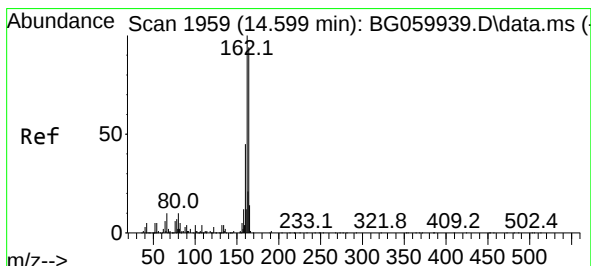
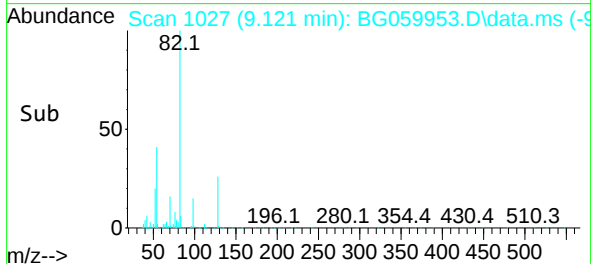
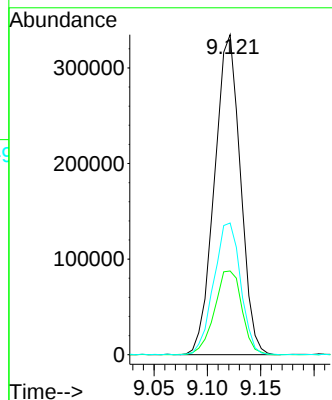
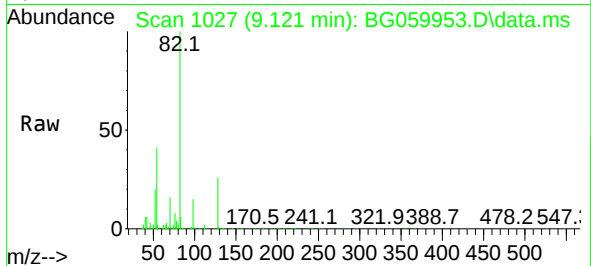




#23
Nitrobenzene-d5
Concen: 70.563 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

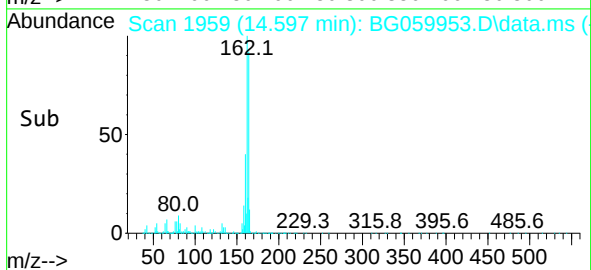
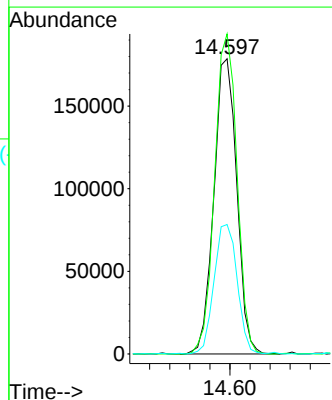
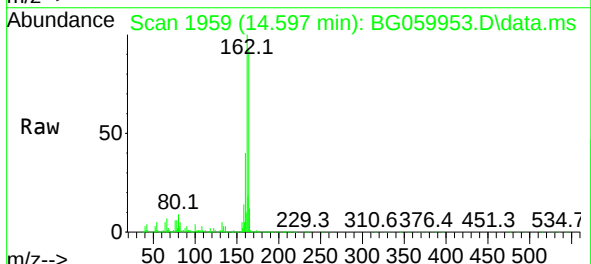
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

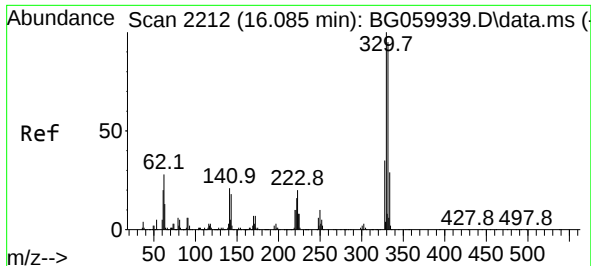
Tgt Ion: 82 Resp: 565754
Ion Ratio Lower Upper
82 100
128 26.2 21.0 31.6
54 41.2 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:164 Resp: 282871
Ion Ratio Lower Upper
164 100
162 108.4 85.0 127.6
160 43.9 38.1 57.1

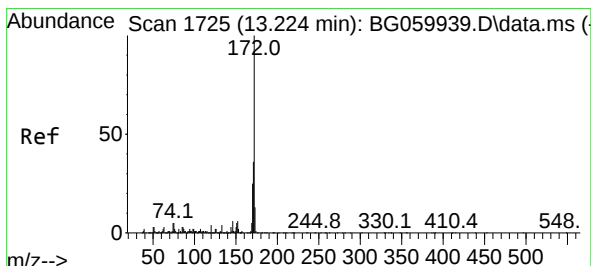
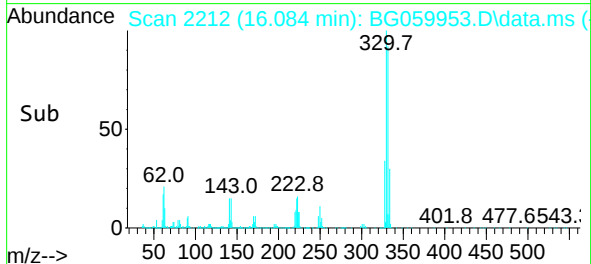
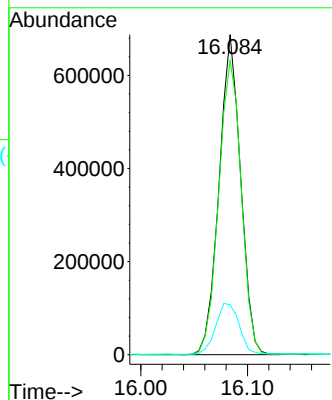
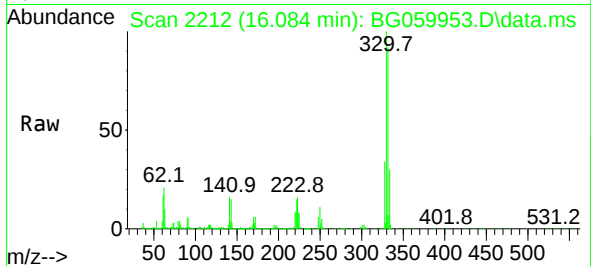




#42
2,4,6-Tribromophenol
Concen: 105.875 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

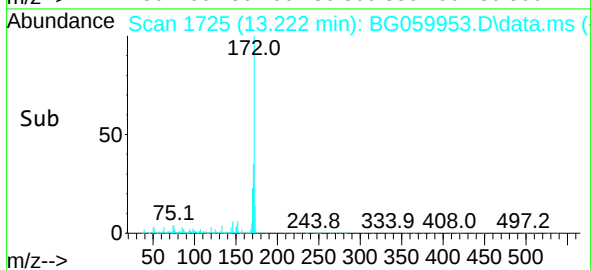
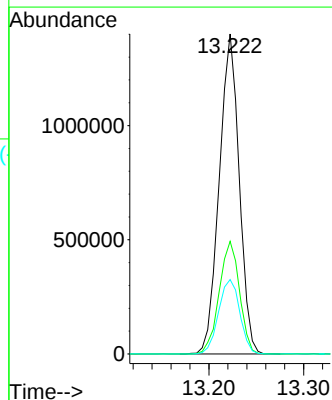
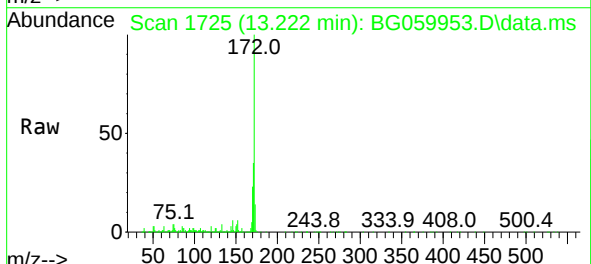
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

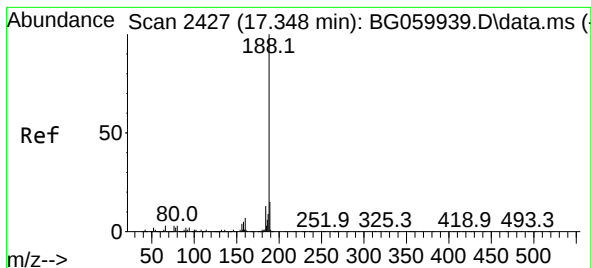
Tgt Ion:330 Resp: 963584
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 17.3 15.0 22.6



#45
2-Fluorobiphenyl
Concen: 79.022 ng
RT: 13.222 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:172 Resp: 2049460
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.347 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

Instrument :

BNA_G

ClientSampleId :

VAULT-1RE

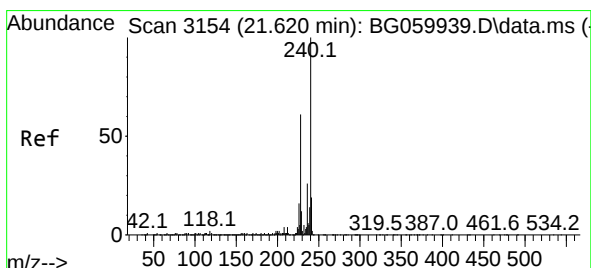
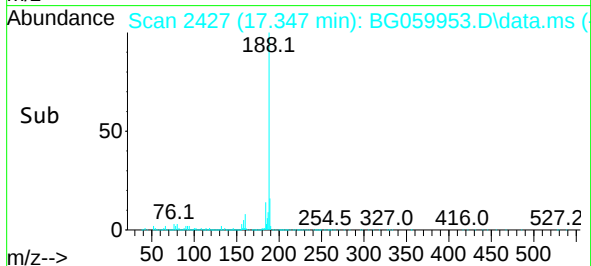
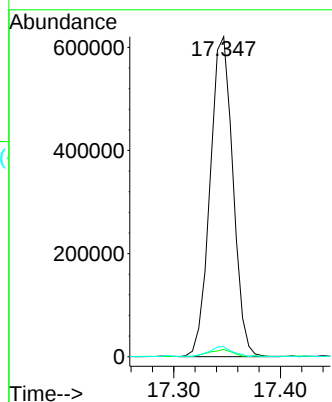
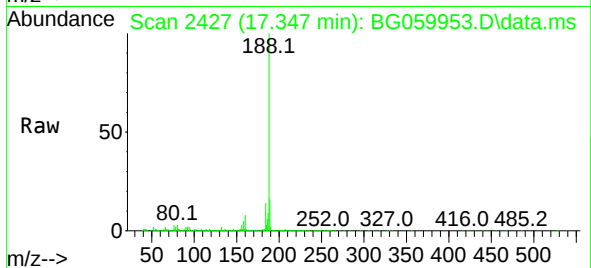
Tgt Ion:188 Resp: 922898

Ion Ratio Lower Upper

188 100

94 2.3 1.8 2.6

80 3.2 2.2 3.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

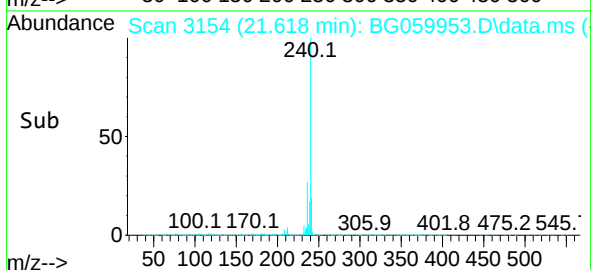
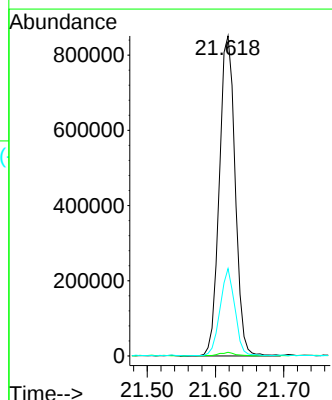
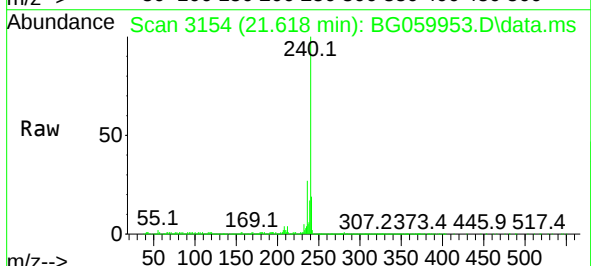
Tgt Ion:240 Resp: 1373080

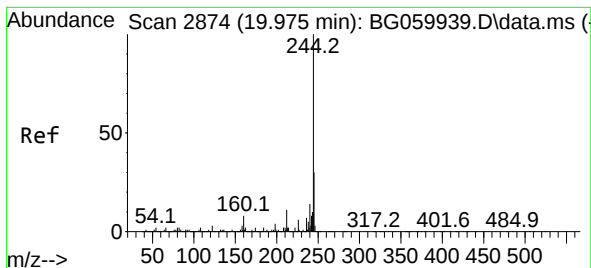
Ion Ratio Lower Upper

240 100

120 1.2 1.0 1.4

236 27.3 20.8 31.2





#79

Terphenyl-d14

Concen: 66.313 ng

RT: 19.973 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

Instrument :

BNA_G

ClientSampleId :

VAULT-1RE

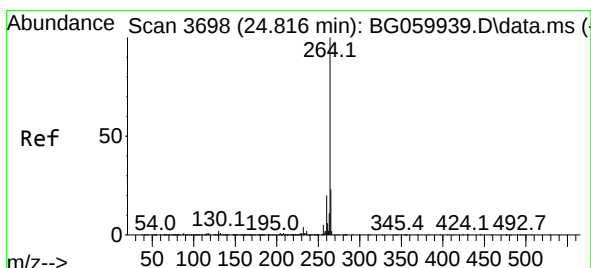
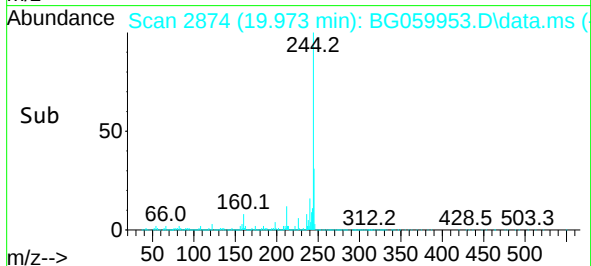
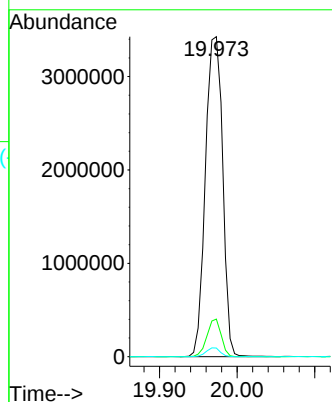
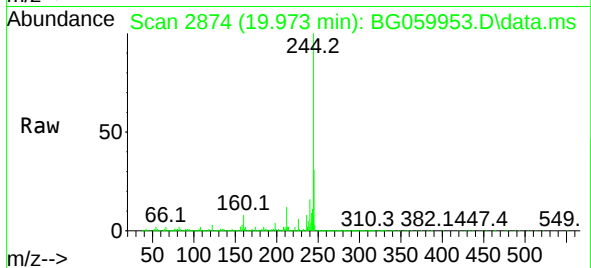
Tgt Ion:244 Resp: 5281825

Ion Ratio Lower Upper

244 100

212 11.8 8.6 13.0

122 2.7 2.1 3.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3698

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

Tgt Ion:264 Resp: 1624434

Ion Ratio Lower Upper

264 100

260 25.9 15.8 23.6#

265 20.4 18.1 27.1

