

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059749.D
 Acq On : 18 Nov 2023 3:46
 Operator : MA/JU
 Sample : 05418-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE-3

Quant Time: Nov 18 05:18:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	17972	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	75625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	62949	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	152308	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	131362	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	157951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	90868	85.101	ng	0.00
7) Phenol-d6	7.460	99	125075	79.045	ng	0.00
23) Nitrobenzene-d5	9.539	82	104109	52.577	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	73123	102.380	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	255717	54.680	ng	0.00
79) Terphenyl-d14	20.292	244	535572	60.188	ng	0.00

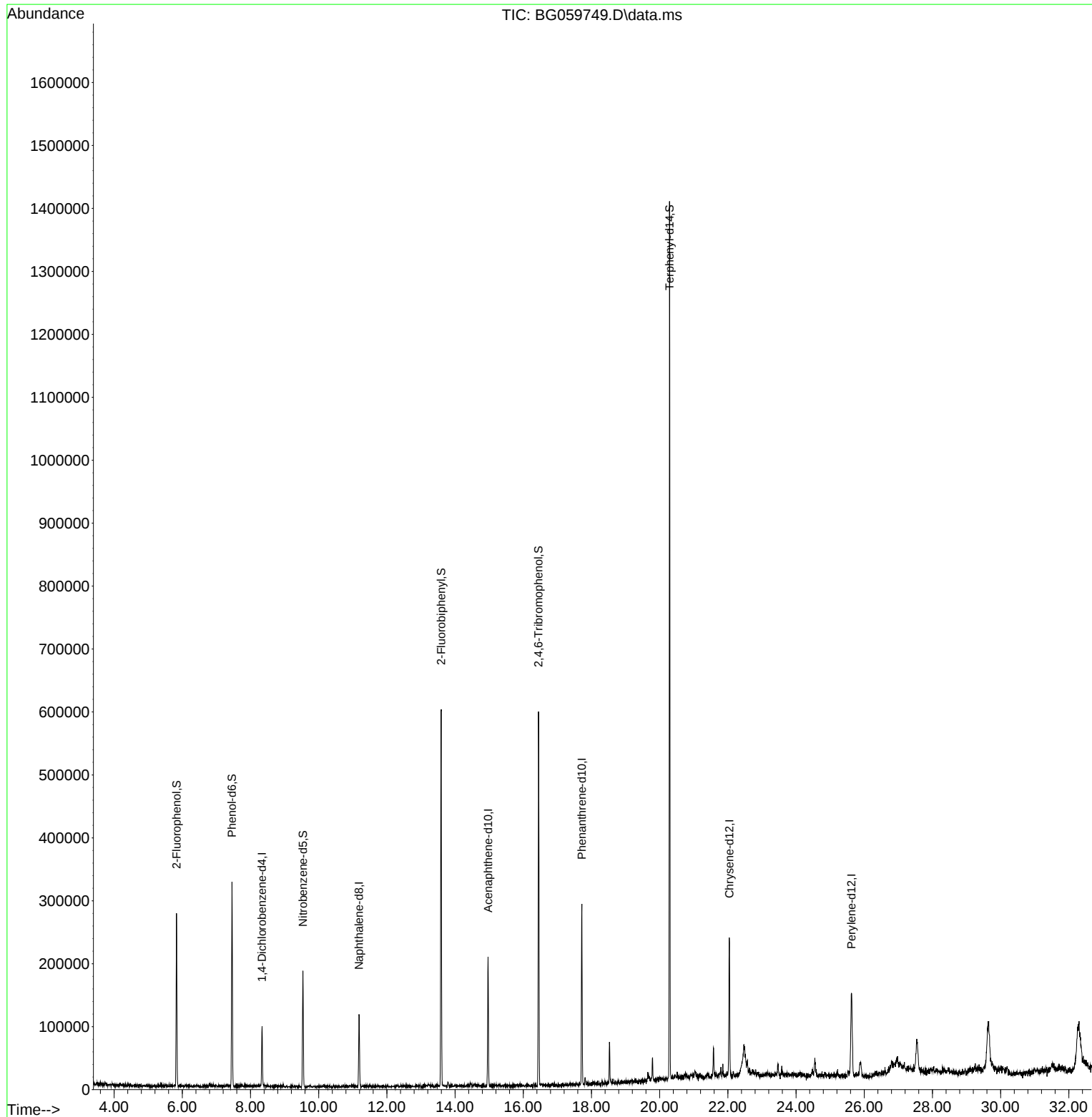
Target Compounds	Qvalue

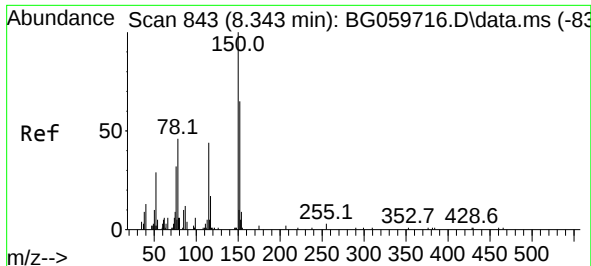
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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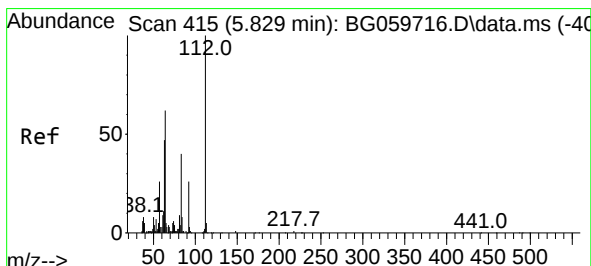
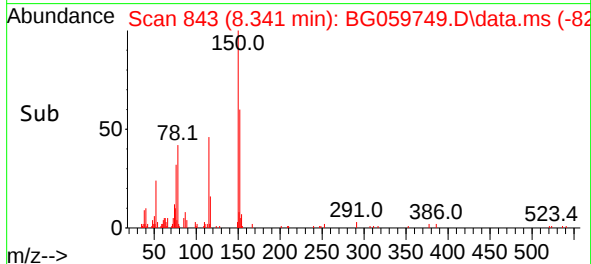
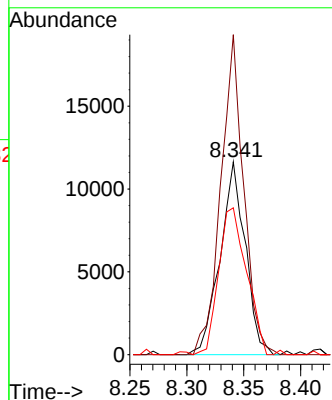
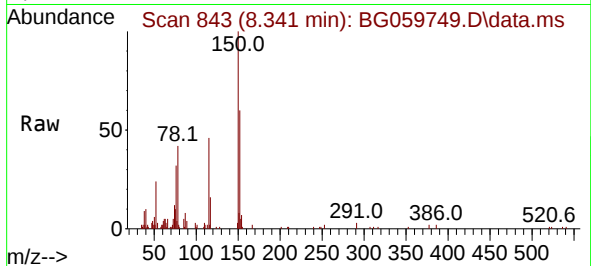




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.341 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG059749.D
 Acq: 18 Nov 2023 3:46

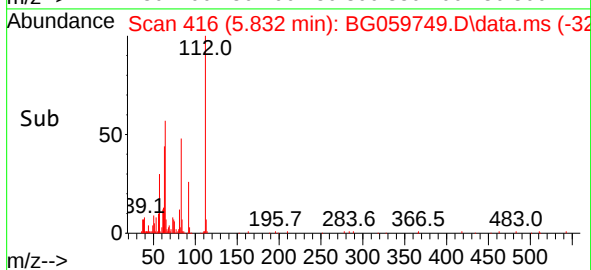
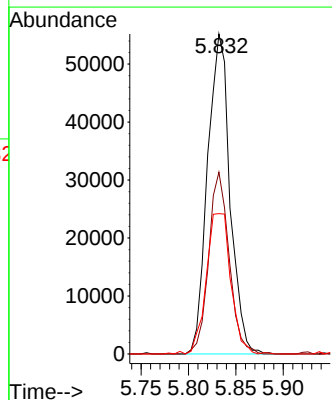
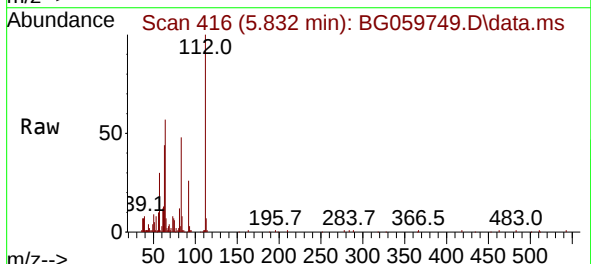
Instrument :
 BNA_G
 ClientSampleId :
 STONE-3

Tgt Ion:152 Resp: 17972
 Ion Ratio Lower Upper
 152 100
 150 166.0 122.2 183.4
 115 76.2 54.2 81.4



#5
 2-Fluorophenol
 Concen: 85.101 ng
 RT: 5.832 min Scan# 416
 Delta R.T. 0.003 min
 Lab File: BG059749.D
 Acq: 18 Nov 2023 3:46

Tgt Ion:112 Resp: 90868
 Ion Ratio Lower Upper
 112 100
 64 56.8 49.5 74.3
 63 43.8 37.4 56.2

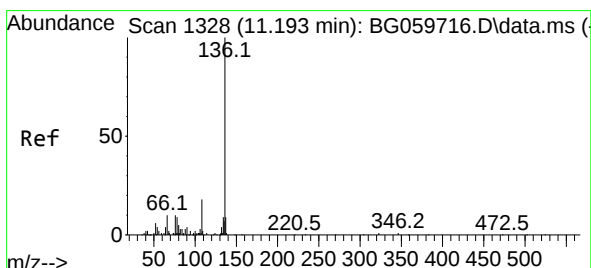
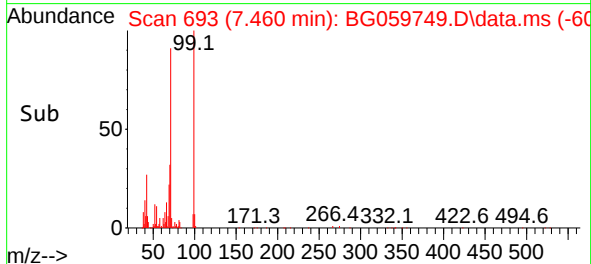
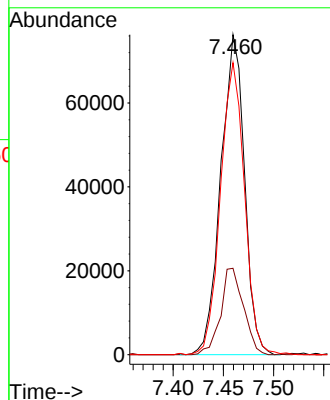
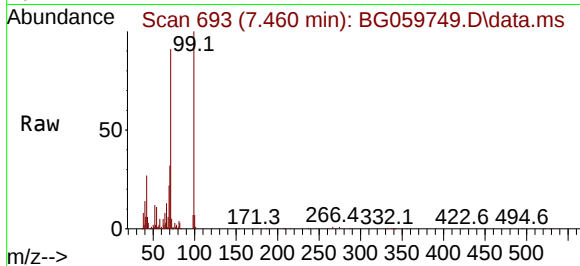




#7
Phenol-d6
Concen: 79.045 ng
RT: 7.460 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

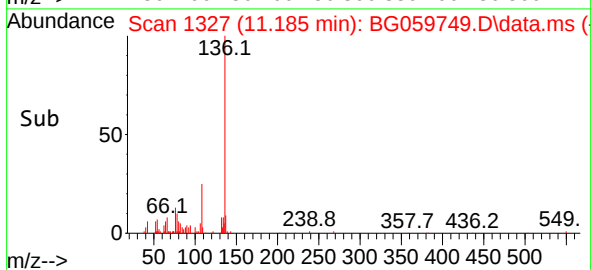
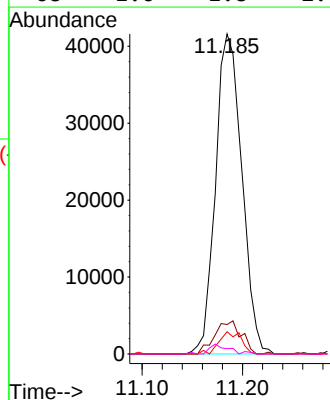
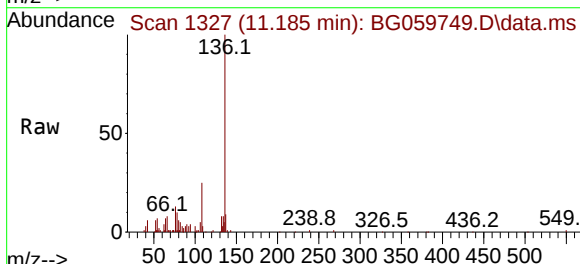
Instrument :
BNA_G
ClientSampleId :
STONE-3

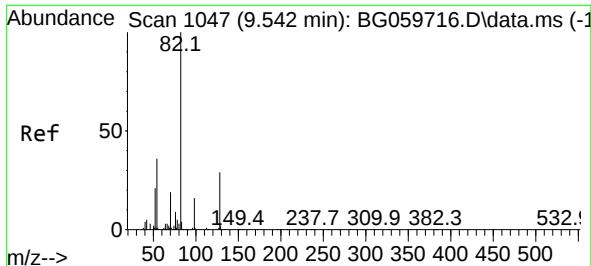
Tgt Ion: 99 Resp: 125075
Ion Ratio Lower Upper
99 100
42 27.0 14.3 21.5#
71 91.3 59.3 88.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.008 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion: 136 Resp: 75625
Ion Ratio Lower Upper
136 100
137 9.2 7.4 11.0
54 7.0 3.1 4.7#
68 1.6 1.8 2.8#

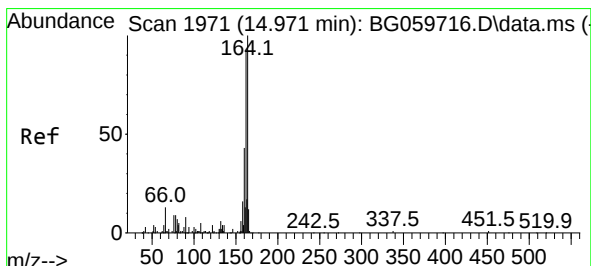
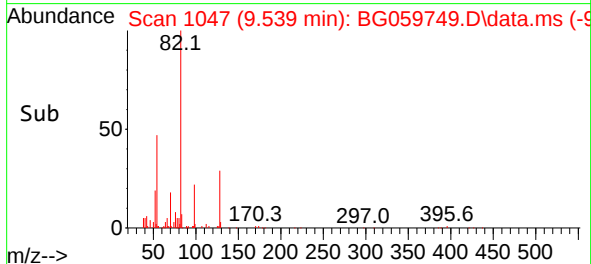
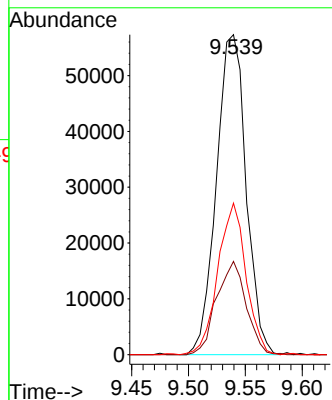
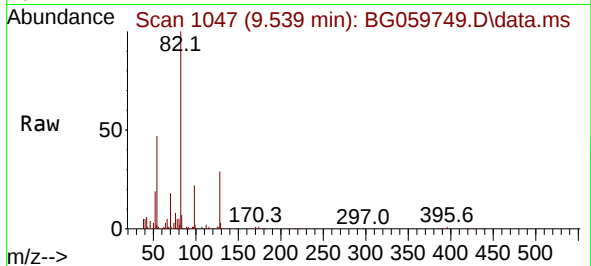




#23
Nitrobenzene-d5
Concen: 52.577 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

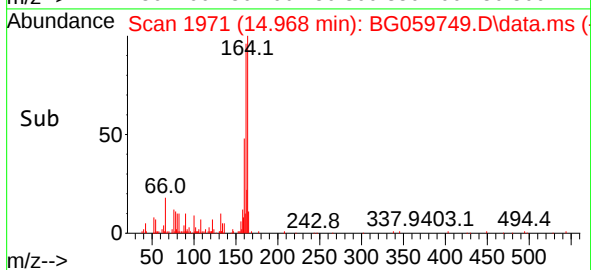
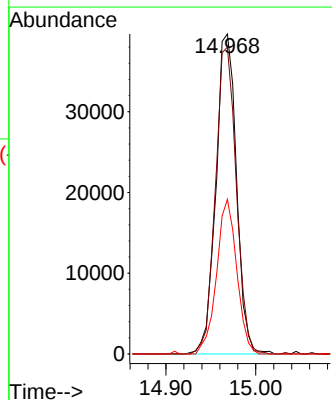
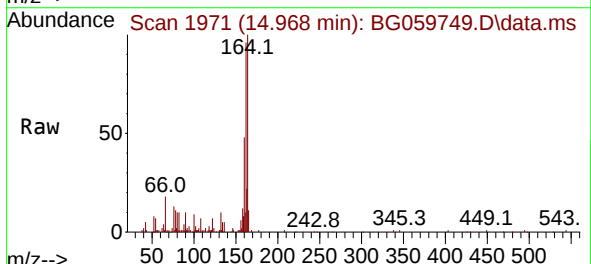
Instrument :
BNA_G
ClientSampleId :
STONE-3

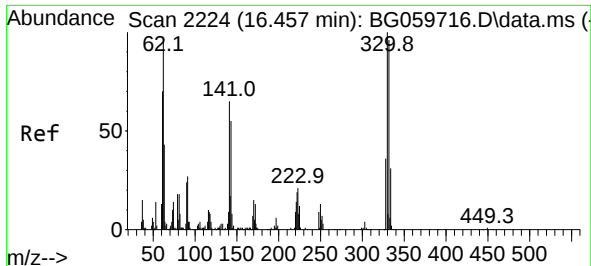
Tgt Ion: 82 Resp: 104109
Ion Ratio Lower Upper
82 100
128 29.2 23.0 34.6
54 47.4 28.7 43.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:164 Resp: 62949
Ion Ratio Lower Upper
164 100
162 95.9 73.3 109.9
160 48.3 34.1 51.1

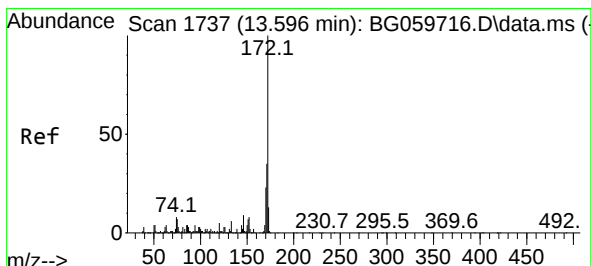
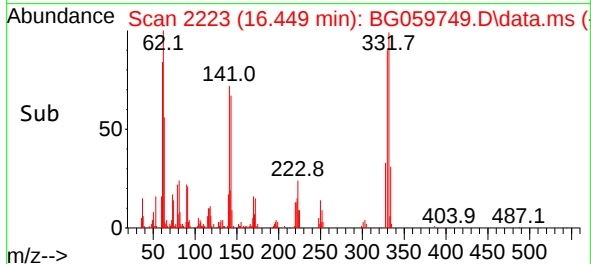
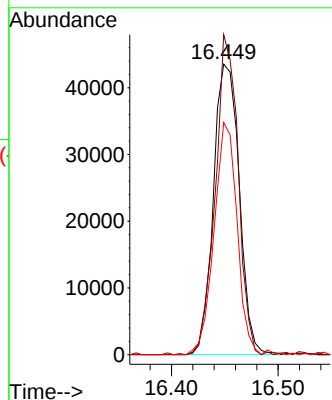
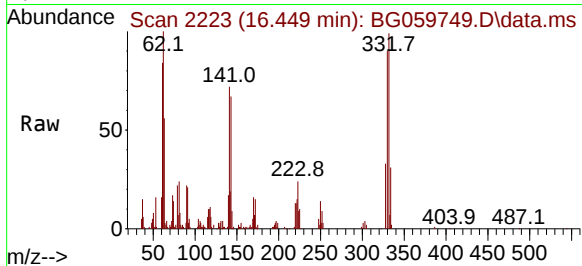




#42
2,4,6-Tribromophenol
Concen: 102.380 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

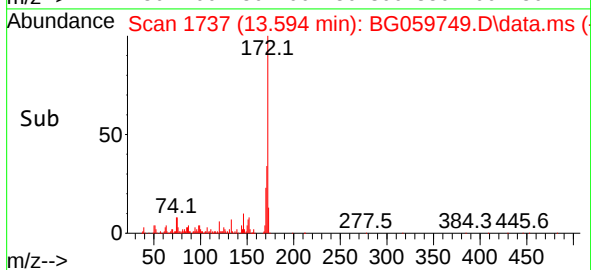
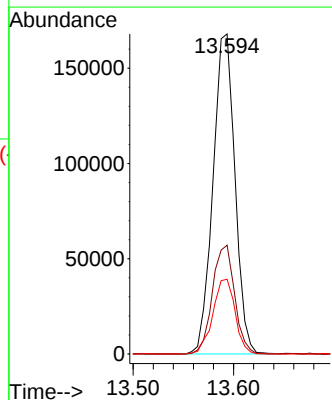
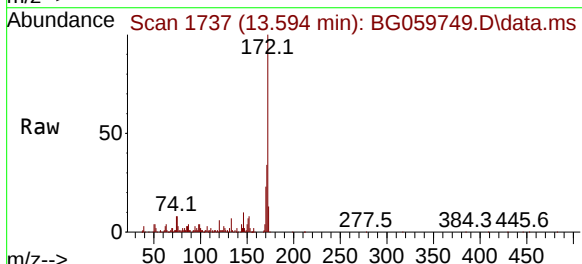
Instrument :
BNA_G
ClientSampleId :
STONE-3

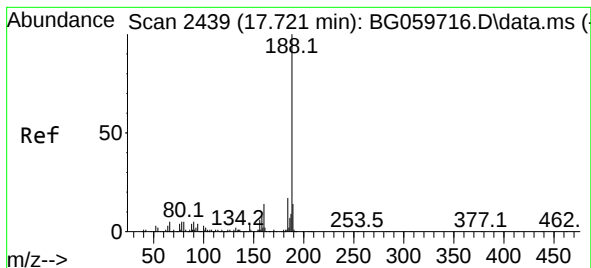
Tgt Ion:330 Resp: 73123
Ion Ratio Lower Upper
330 100
332 97.3 73.3 109.9
141 71.1 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 54.680 ng
RT: 13.594 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059749.D
Acq: 18 Nov 2023 3:46

Tgt Ion:172 Resp: 255717
Ion Ratio Lower Upper
172 100
171 34.0 27.7 41.5
170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059749.D

Acq: 18 Nov 2023 3:46

Instrument :

BNA_G

ClientSampleId :

STONE-3

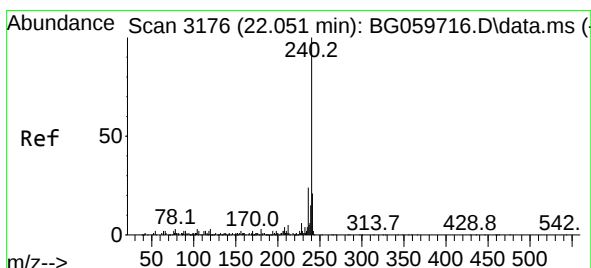
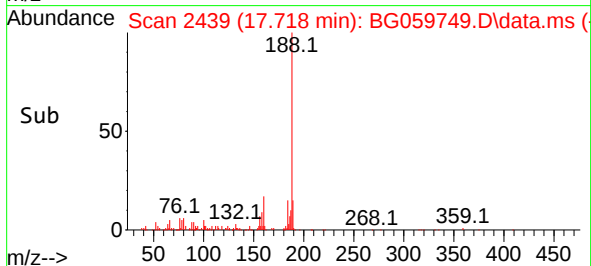
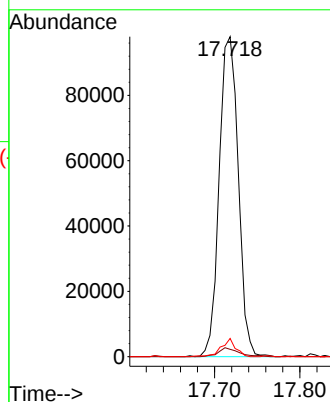
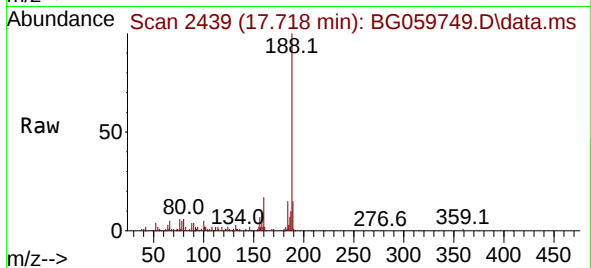
Tgt Ion:188 Resp: 152308

Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.4#

80 5.7 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.048 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG059749.D

Acq: 18 Nov 2023 3:46

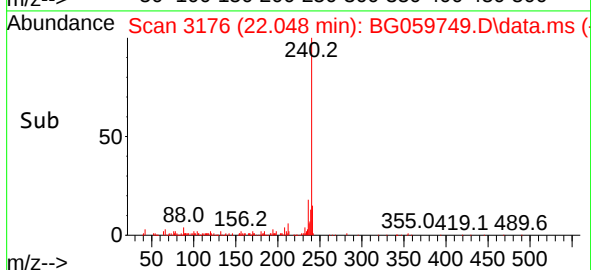
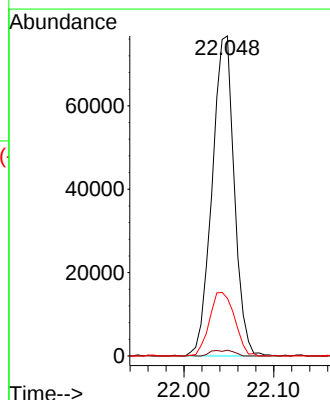
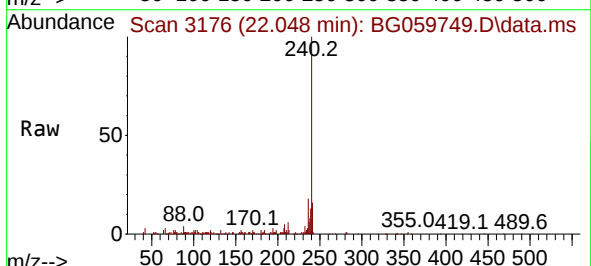
Tgt Ion:240 Resp: 131362

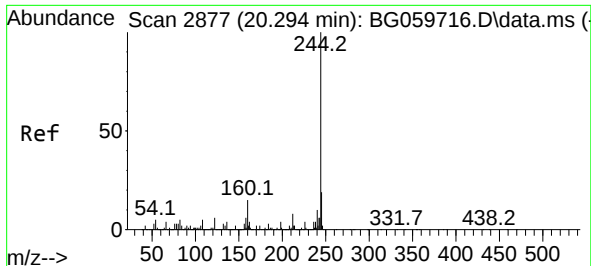
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 18.0 19.4 29.2#

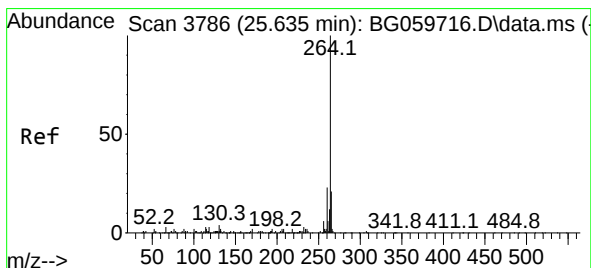
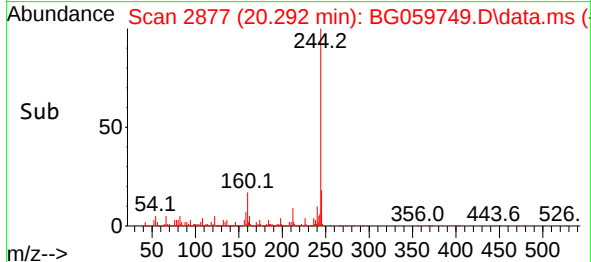
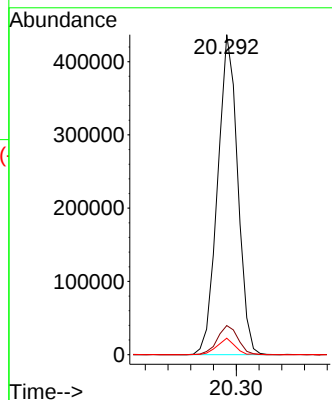
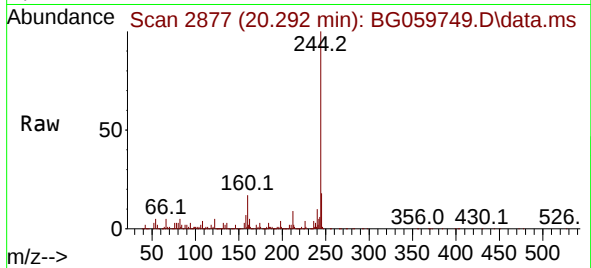




#79
 Terphenyl-d14
 Concen: 60.188 ng
 RT: 20.292 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059749.D
 Acq: 18 Nov 2023 3:46

Instrument :
 BNA_G
 ClientSampleId :
 STONE-3

Tgt Ion:244 Resp: 535572
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 10.0
 122 5.1 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3785
 Delta R.T. -0.008 min
 Lab File: BG059749.D
 Acq: 18 Nov 2023 3:46

Tgt Ion:264 Resp: 157951
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 19.5 17.0 25.6

