

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055815.D
 Acq On : 28 Nov 2022 21:54
 Operator : CG/JU
 Sample : N5752-06 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-9D

Quant Time: Nov 29 02:15:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	58531	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	236275	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	149967	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	293930	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	275264	20.000	ng	# 0.01
86) Perylene-d12	25.321	264	299460	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	150069	46.343	ng	0.01
7) Phenol-d6	7.378	99	185150	42.953	ng	0.00
23) Nitrobenzene-d5	9.405	82	126642	28.330	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	91072	43.127	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	319218	31.889	ng	0.00
79) Terphenyl-d14	20.186	244	404559	29.396	ng	0.00

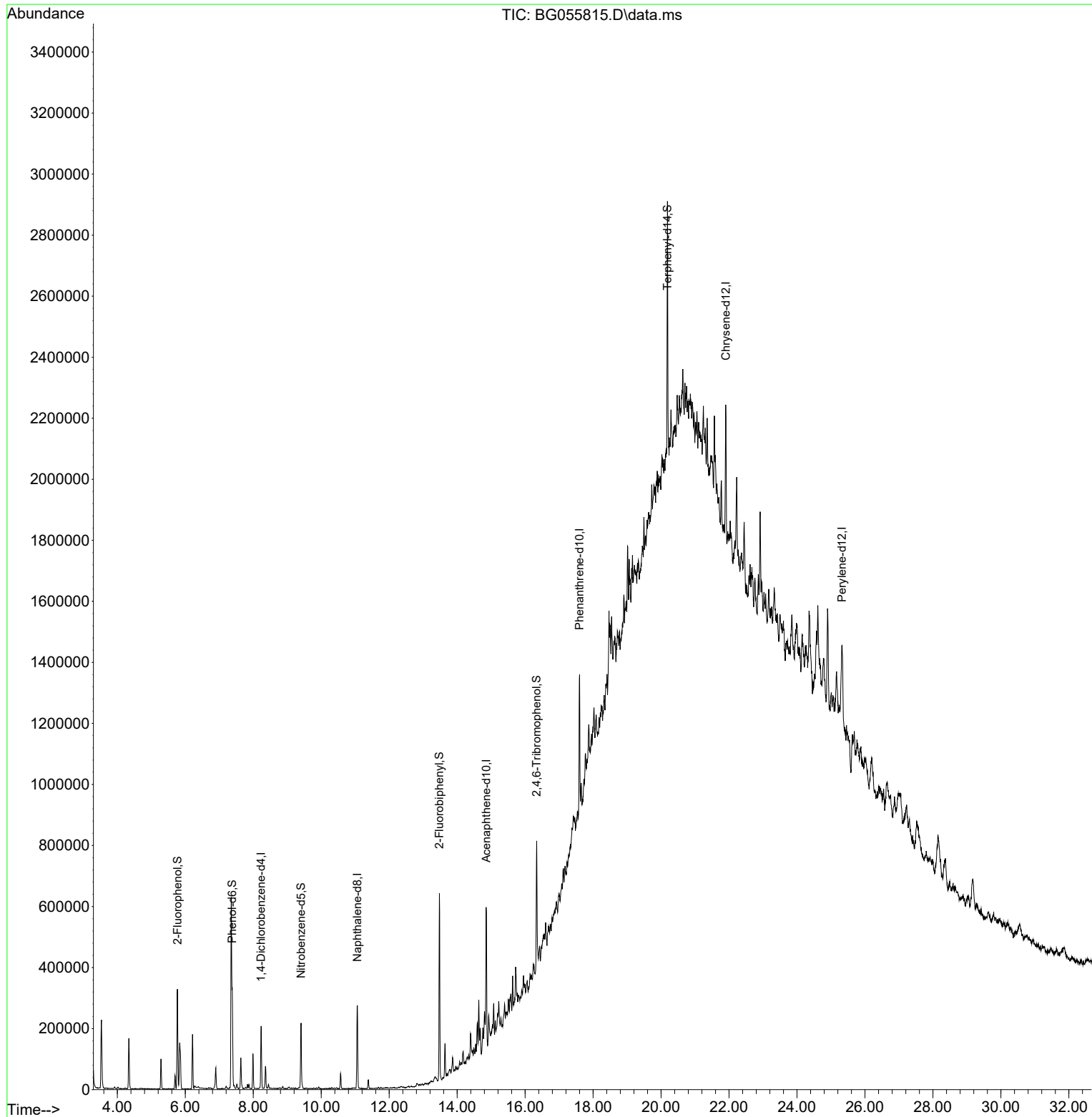
Target Compounds	Qvalue

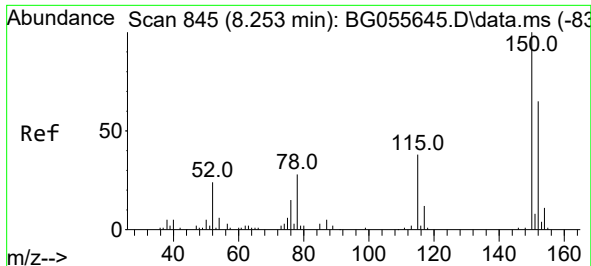
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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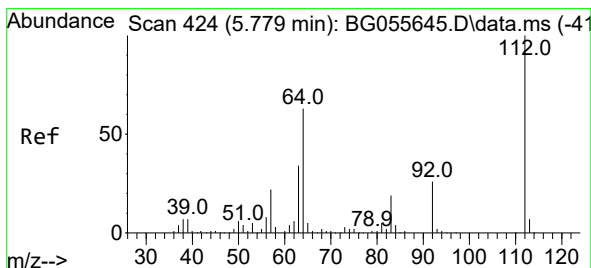
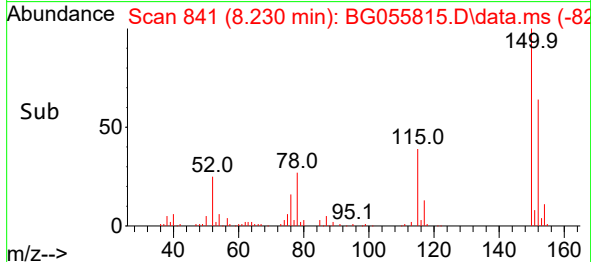
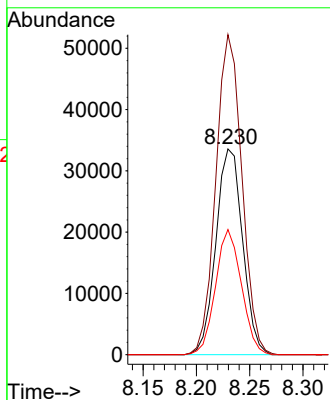
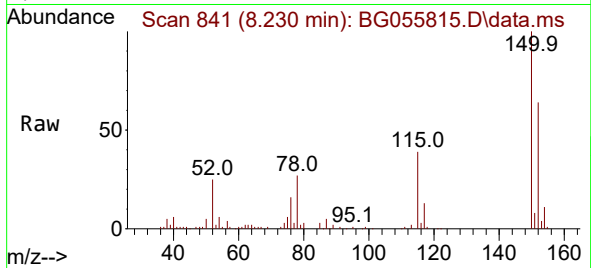




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

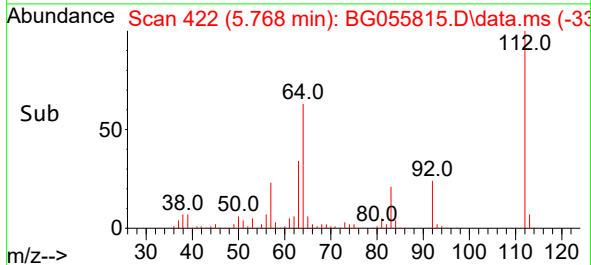
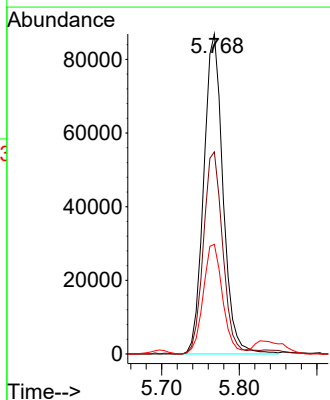
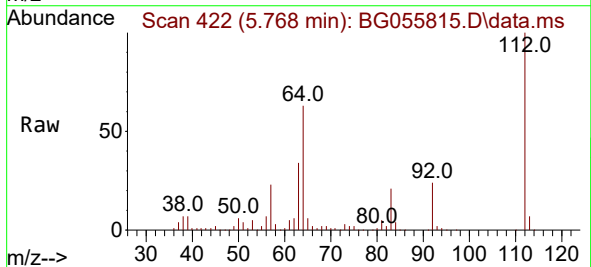
Instrument :
BNA_G
ClientSampleId :
B-9D

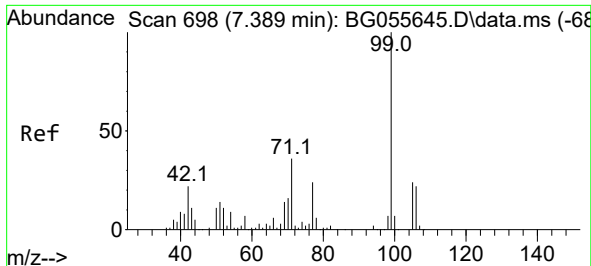
Tgt Ion:152 Resp: 58531
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 60.8 47.0 70.4



#5
2-Fluorophenol
Concen: 46.343 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.010 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

Tgt Ion:112 Resp: 150069
Ion Ratio Lower Upper
112 100
64 63.1 50.6 76.0
63 34.2 27.5 41.3

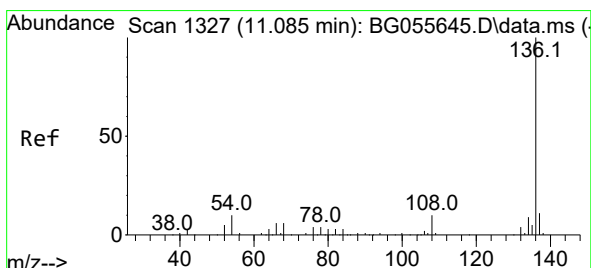
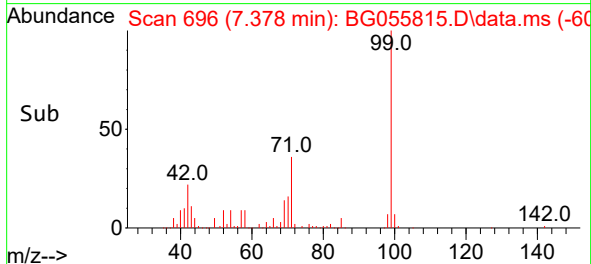
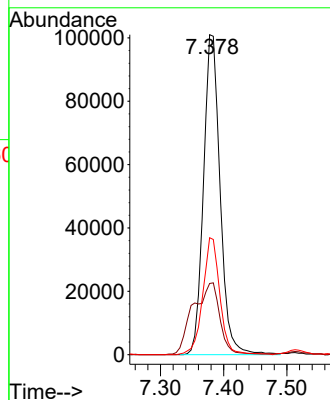
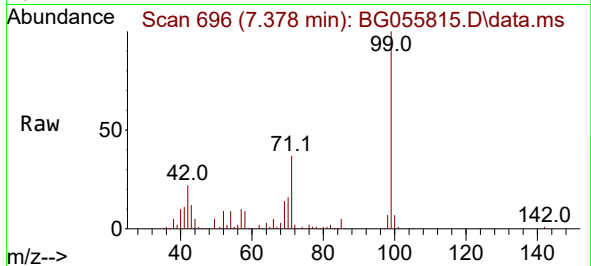




#7
Phenol-d6
Concen: 42.953 ng
RT: 7.378 min Scan# 698
Delta R.T. -0.002 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

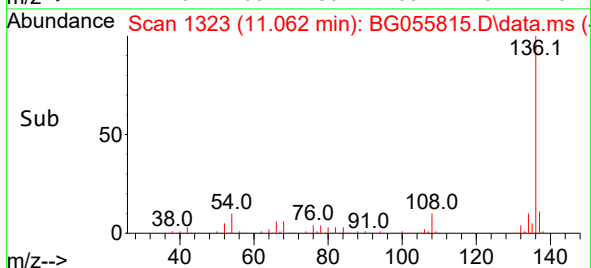
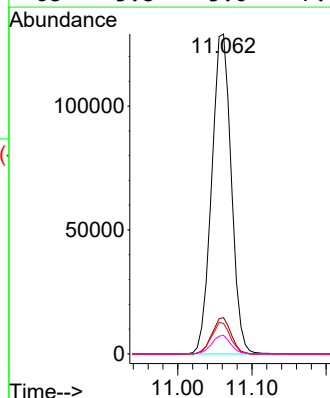
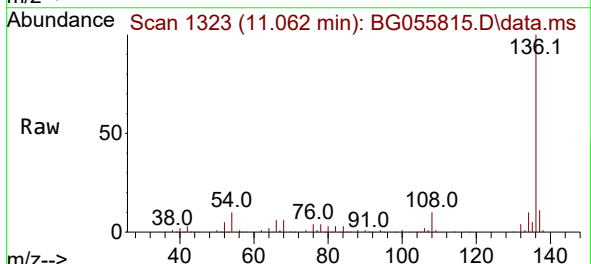
Instrument :
BNA_G
ClientSampleId :
B-9D

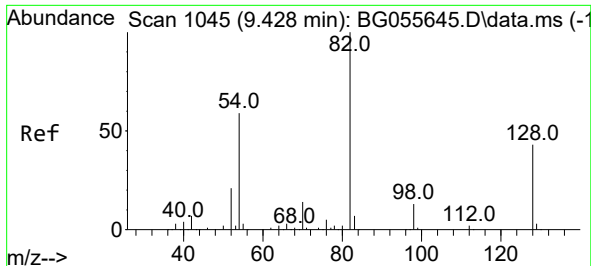
Tgt Ion: 99 Resp: 185150
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.6 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.002 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

Tgt Ion: 136 Resp: 236275
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.6 7.8 11.6
68 5.8 5.0 7.4

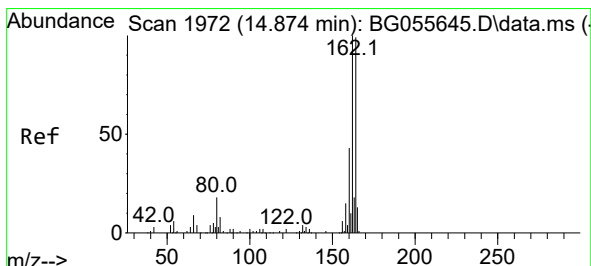
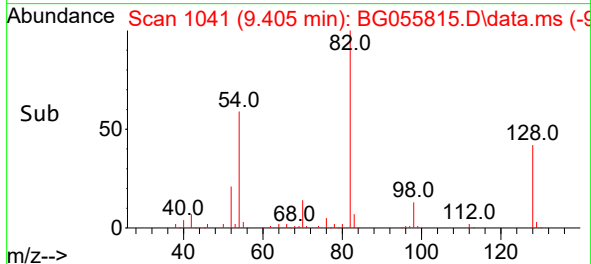
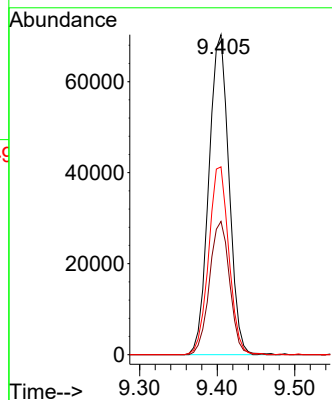
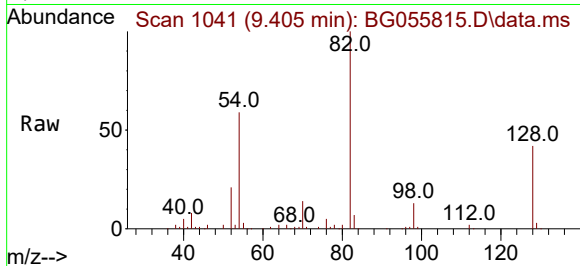




#23
Nitrobenzene-d5
Concen: 28.330 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.002 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

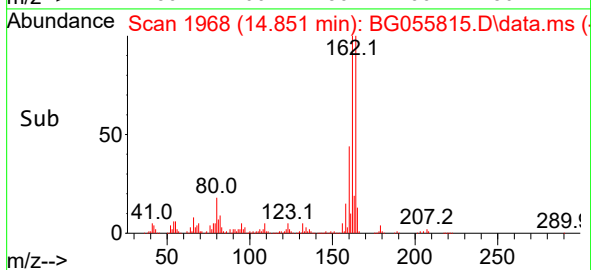
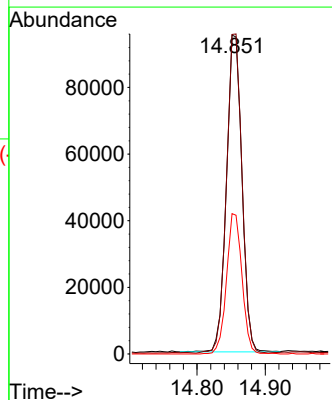
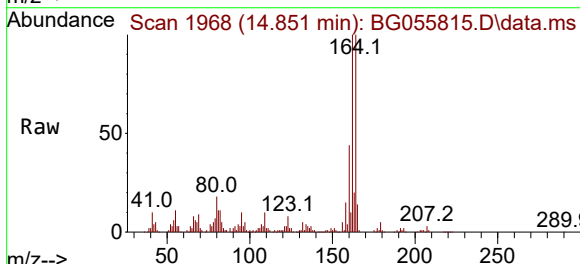
Instrument :
BNA_G
ClientSampleId :
B-9D

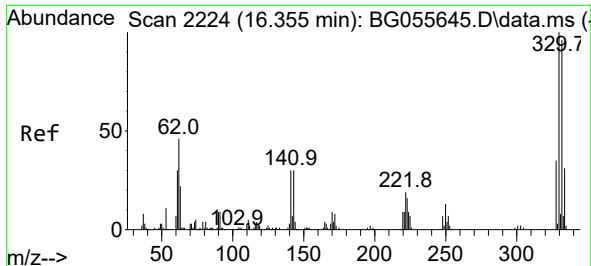
Tgt Ion: 82 Resp: 126642
Ion Ratio Lower Upper
82 100
128 41.7 34.1 51.1
54 58.7 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.007 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

Tgt Ion: 164 Resp: 149967
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 43.127 ng

RT: 16.338 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055815.D

Acq: 28 Nov 2022 21:54

Instrument :

BNA_G

ClientSampleId :

B-9D

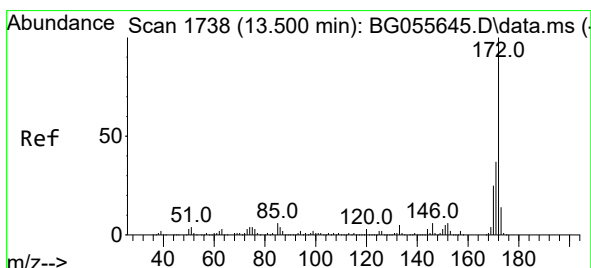
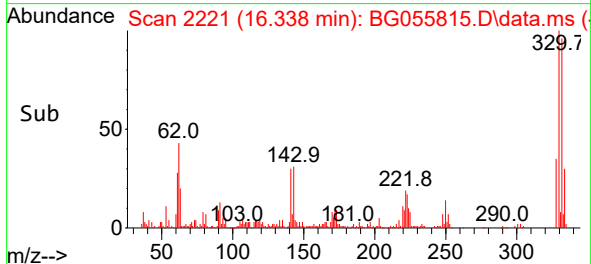
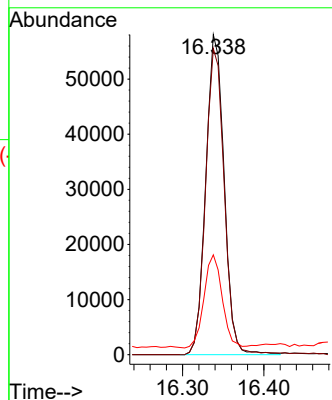
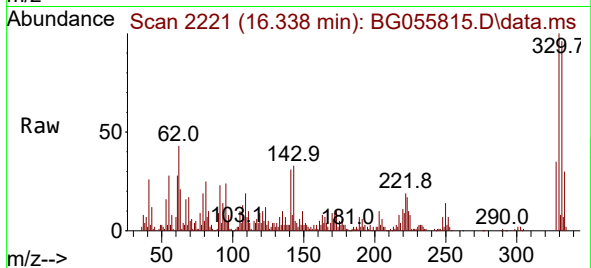
Tgt Ion:330 Resp: 91072

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 31.889 ng

RT: 13.476 min Scan# 1734

Delta R.T. -0.007 min

Lab File: BG055815.D

Acq: 28 Nov 2022 21:54

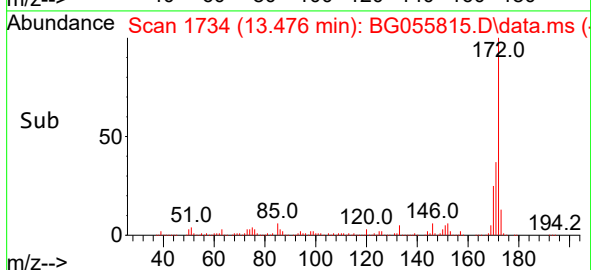
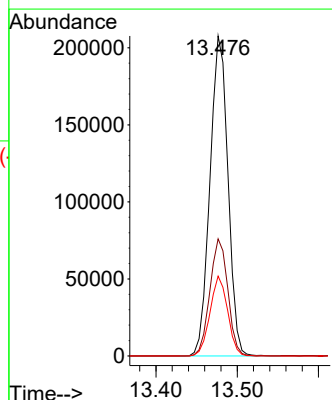
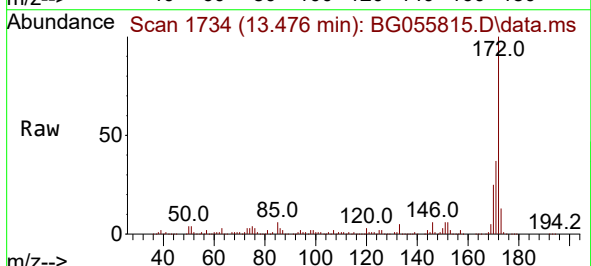
Tgt Ion:172 Resp: 319218

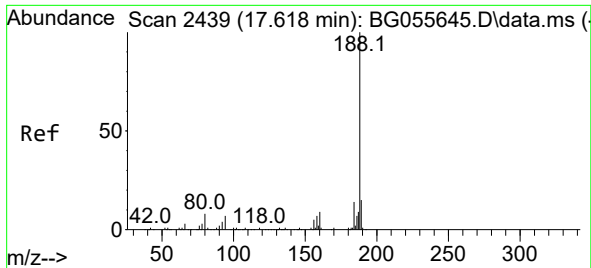
Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

170 24.9 20.2 30.4

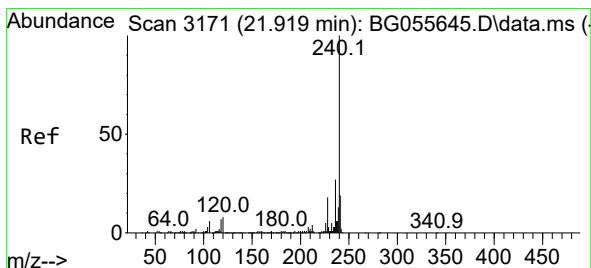
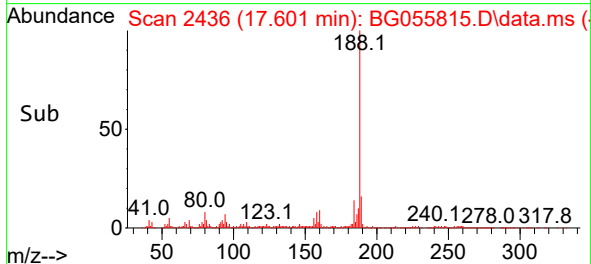
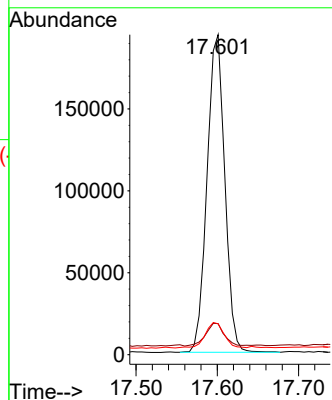
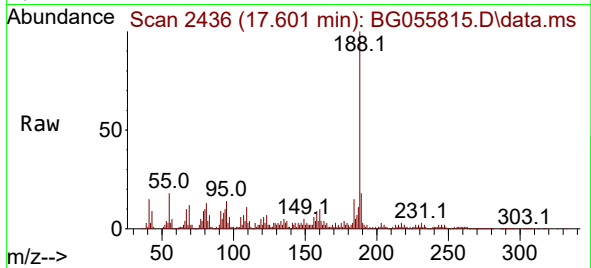




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

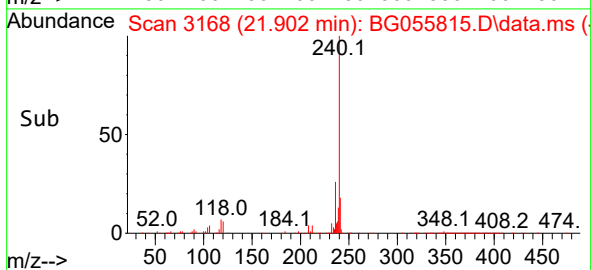
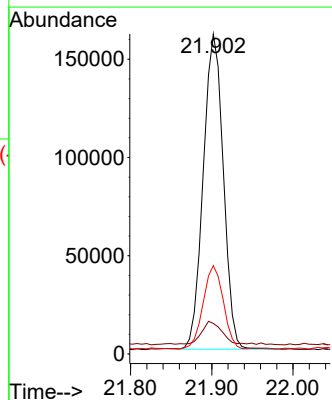
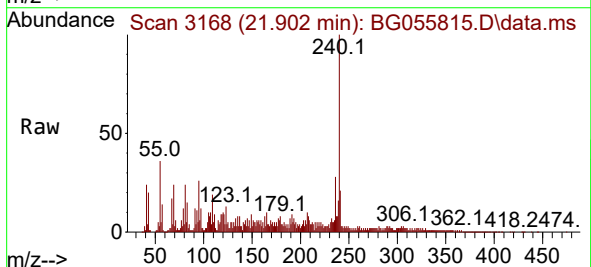
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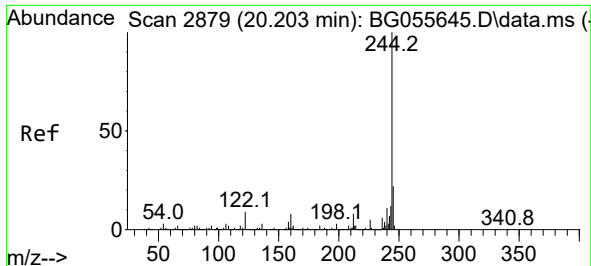
Tgt Ion:188 Resp: 293930
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.2#
80 9.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. 0.010 min
Lab File: BG055815.D
Acq: 28 Nov 2022 21:54

Tgt Ion:240 Resp: 275264
Ion Ratio Lower Upper
240 100
120 9.6 6.3 9.5#
236 27.6 21.9 32.9

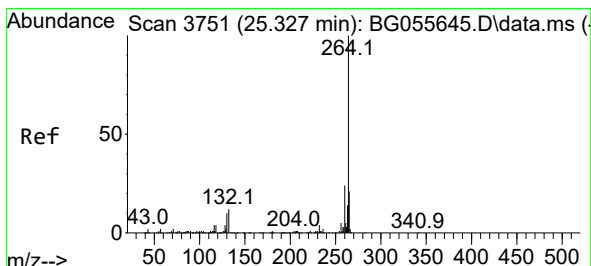
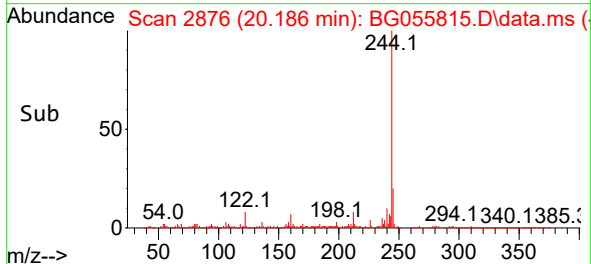
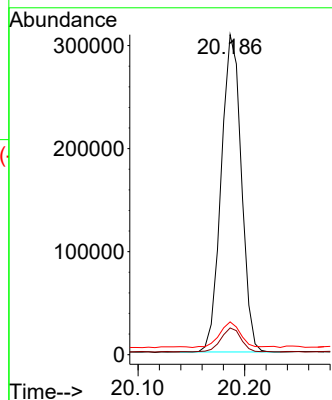
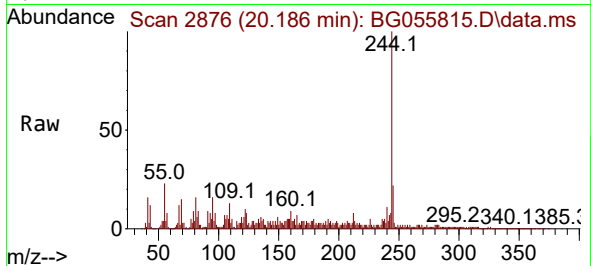




#79
 Terphenyl-d14
 Concen: 29.396 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG055815.D
 Acq: 28 Nov 2022 21:54

Instrument :
 BNA_G
 ClientSampleId :
 B-9D

Tgt Ion:244 Resp: 404559
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 10.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 3750
 Delta R.T. 0.034 min
 Lab File: BG055815.D
 Acq: 28 Nov 2022 21:54

Tgt Ion:264 Resp: 299460
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 23.7 17.1 25.7

