

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054634.D
 Acq On : 14 Aug 2022 15:56
 Operator : CG/JU
 Sample : N4185-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP4

Quant Time: Aug 15 04:19:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	17044	20.000	ng	0.00
21) Naphthalene-d8	10.774	136	63032	20.000	ng	# 0.00
39) Acenaphthene-d10	14.605	164	47314	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	129795	20.000	ng	# 0.00
76) Chrysene-d12	21.620	240	165659	20.000	ng	# 0.00
86) Perylene-d12	24.816	264	166896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	119006	145.782	ng	0.00
7) Phenol-d6	7.166	99	165927	148.338	ng	0.00
23) Nitrobenzene-d5	9.135	82	115416	99.715	ng	0.00
42) 2,4,6-Tribromophenol	16.103	330	112622	113.368	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	326517	97.353	ng	0.00
79) Terphenyl-d14	19.963	244	821209	98.342	ng	0.00

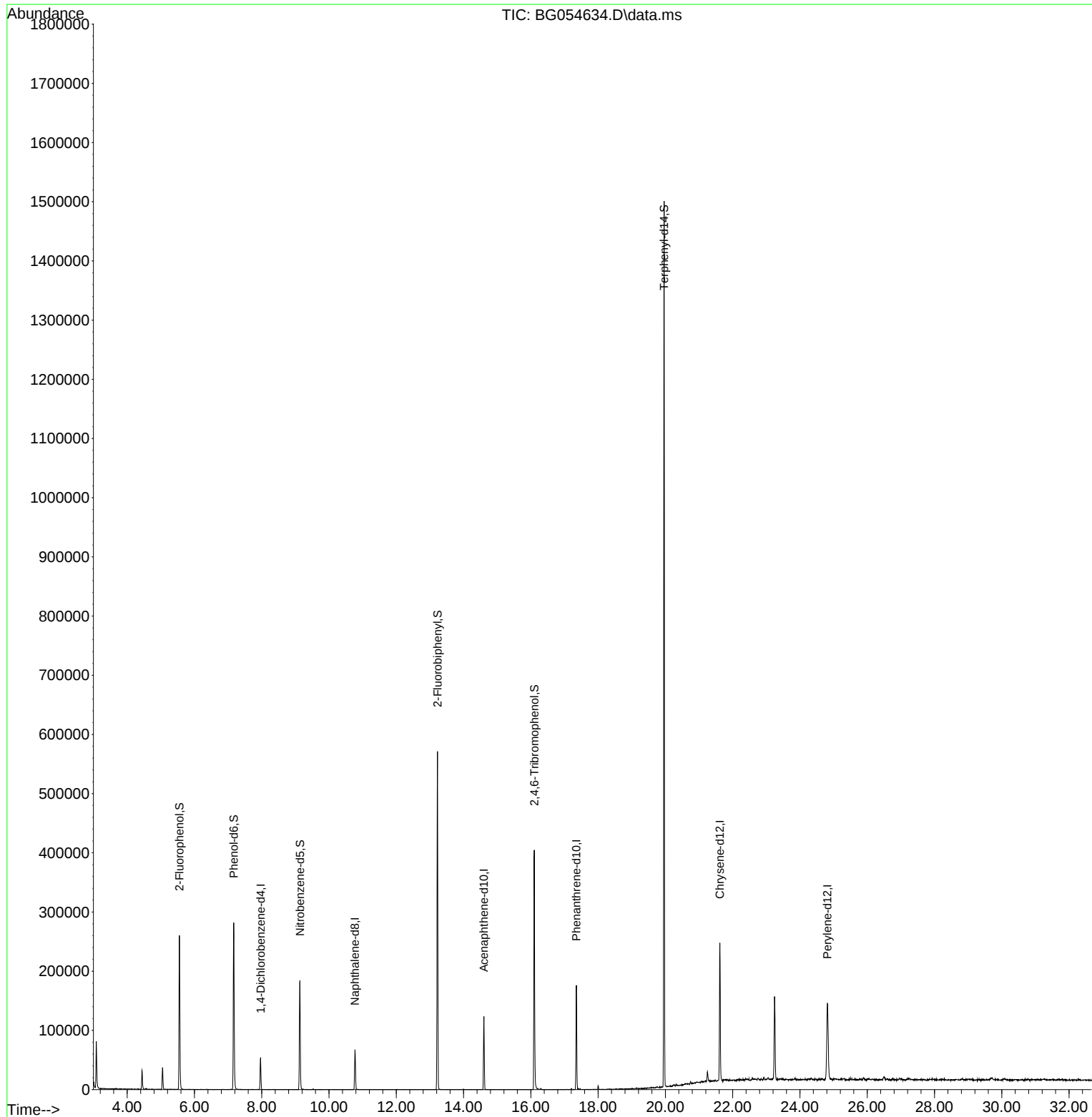
Target Compounds	Qvalue

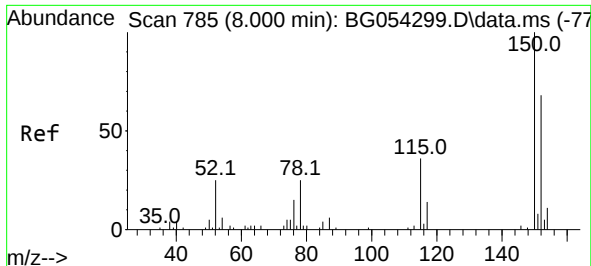
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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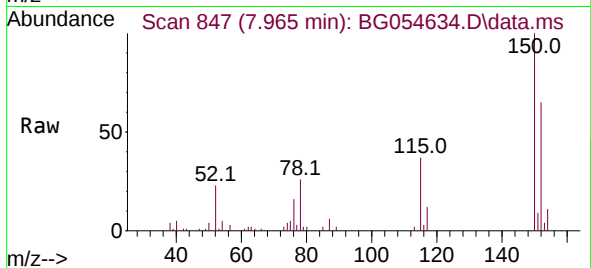
Quant Time: Aug 15 04:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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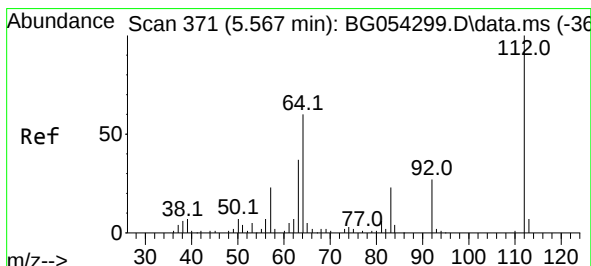
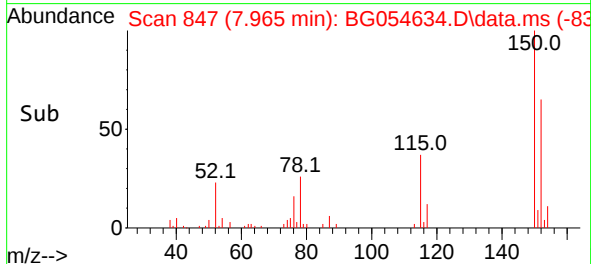
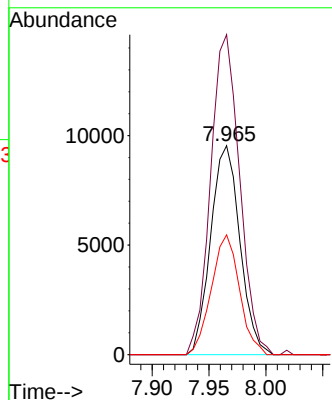


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Instrument :
BNA_G
ClientSampleId :
COMP4

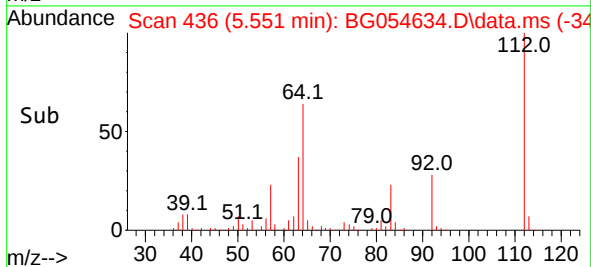
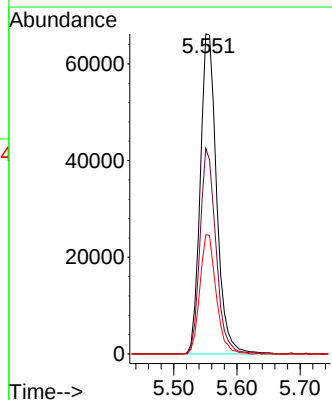
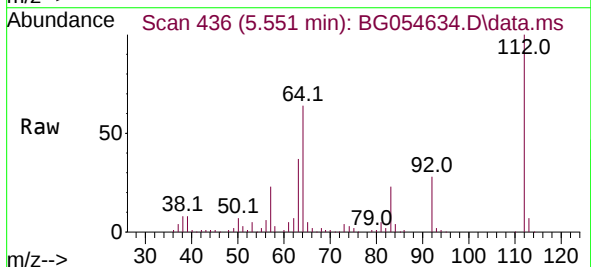


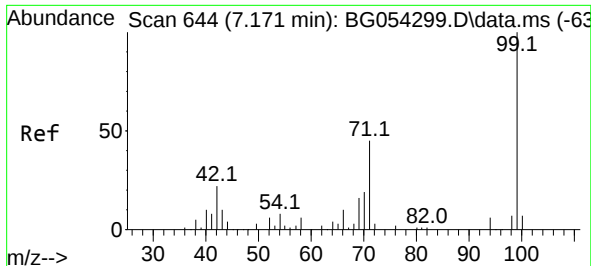
Tgt Ion:152 Resp: 17044
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 57.3 50.9 76.3



#5
2-Fluorophenol
Concen: 145.782 ng
RT: 5.551 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

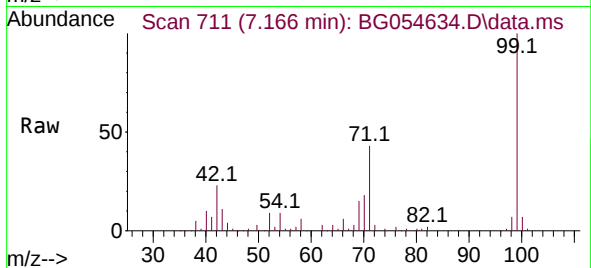
Tgt Ion:112 Resp: 119006
Ion Ratio Lower Upper
112 100
64 64.2 55.1 82.7
63 37.2 30.4 45.6



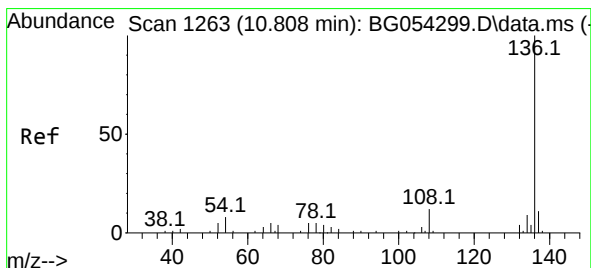
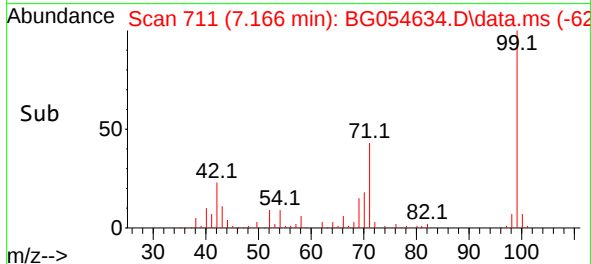
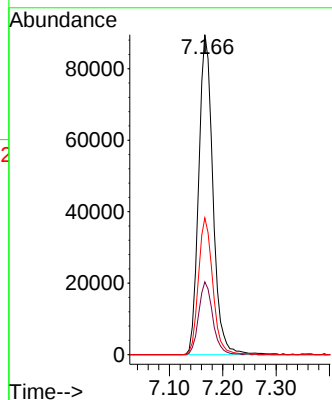


#7
Phenol-d6
Concen: 148.338 ng
RT: 7.166 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Instrument :
BNA_G
ClientSampleId :
COMP4

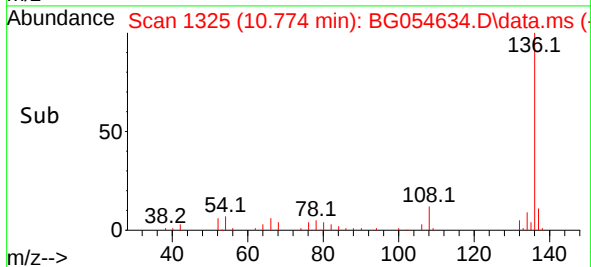
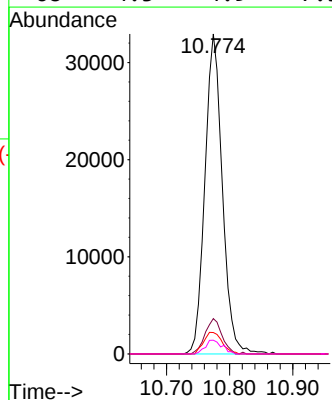
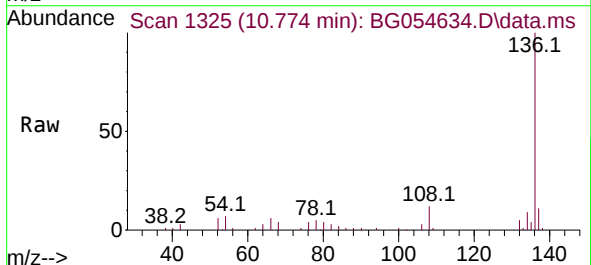


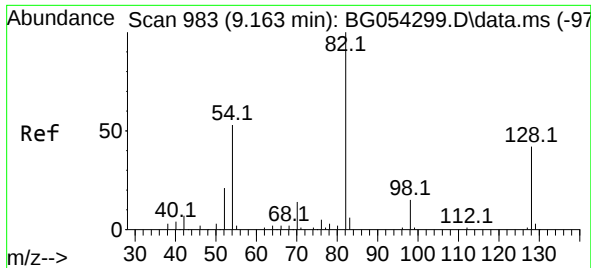
Tgt Ion: 99 Resp: 165927
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 42.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.774 min Scan# 1325
Delta R.T. -0.002 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion: 136 Resp: 63032
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.7 7.4 11.2#
68 4.3 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 99.715 ng

RT: 9.135 min Scan# 10

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

Instrument :

BNA_G

ClientSampleId :

COMP4

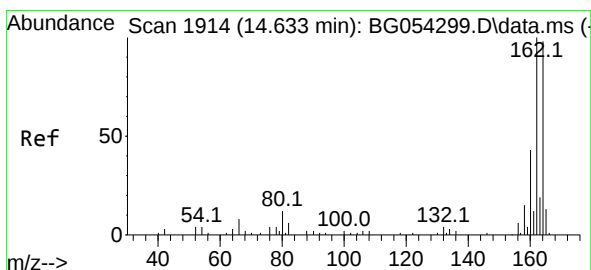
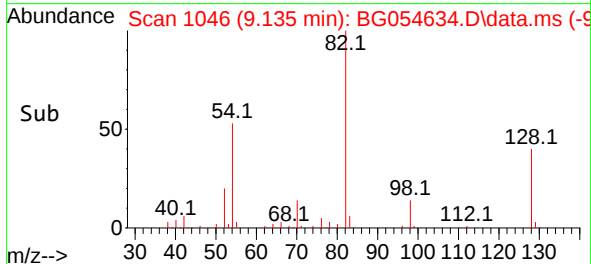
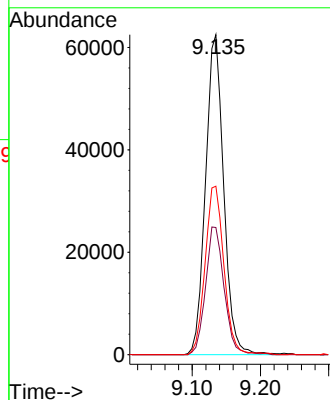
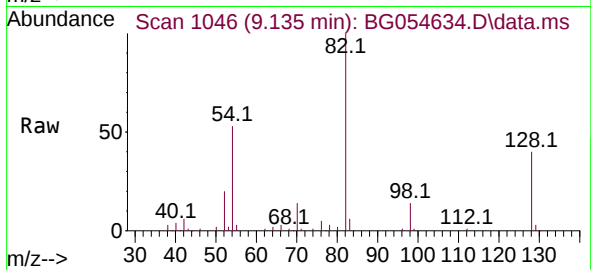
Tgt Ion: 82 Resp: 115416

Ion Ratio Lower Upper

82 100

128 39.7 27.9 41.9

54 52.6 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.605 min Scan# 1977

Delta R.T. -0.002 min

Lab File: BG054634.D

Acq: 14 Aug 2022 15:56

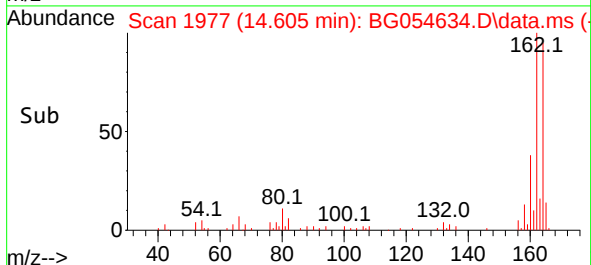
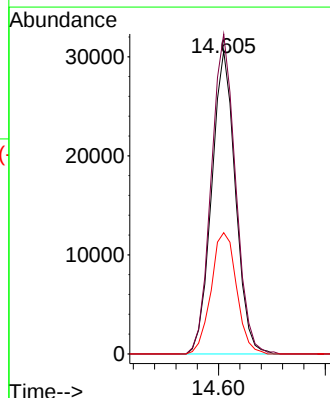
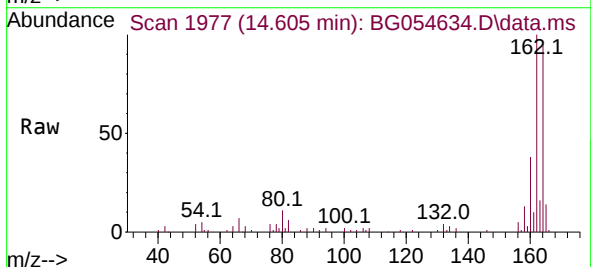
Tgt Ion:164 Resp: 47314

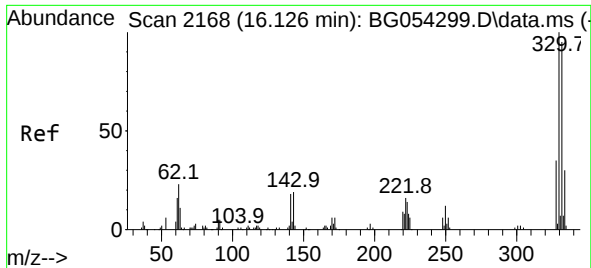
Ion Ratio Lower Upper

164 100

162 105.7 82.3 123.5

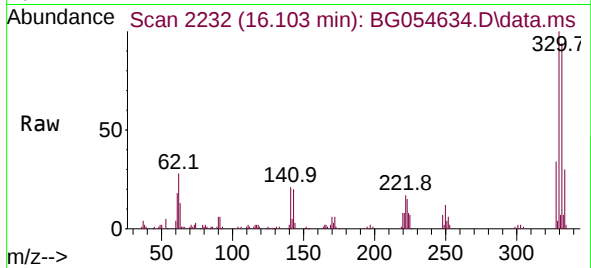
160 40.0 34.2 51.2



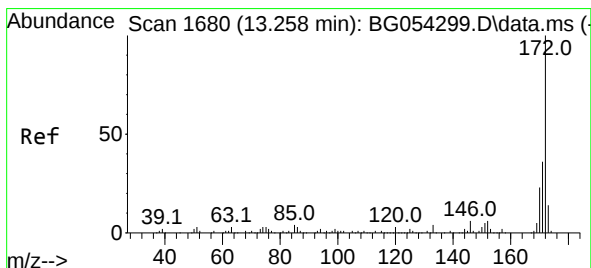
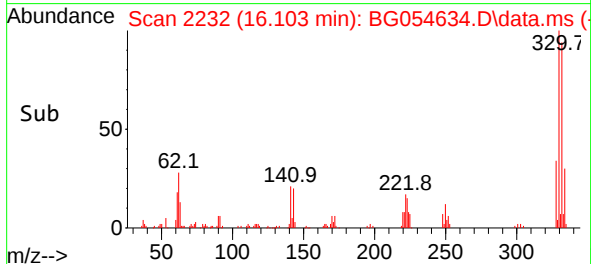
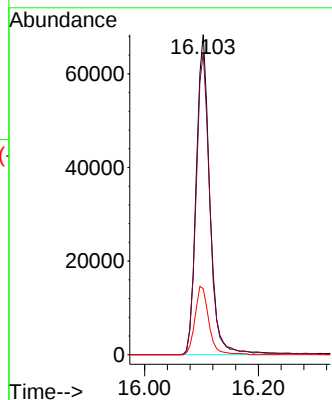


#42
 2,4,6-Tribromophenol
 Concen: 113.368 ng
 RT: 16.103 min Scan# 2168
 Delta R.T. -0.008 min
 Lab File: BG054634.D
 Acq: 14 Aug 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 COMP4

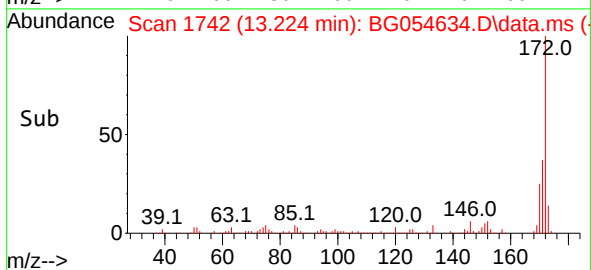
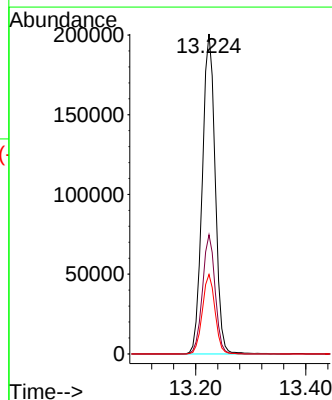
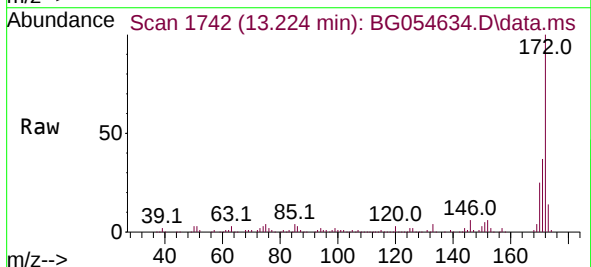


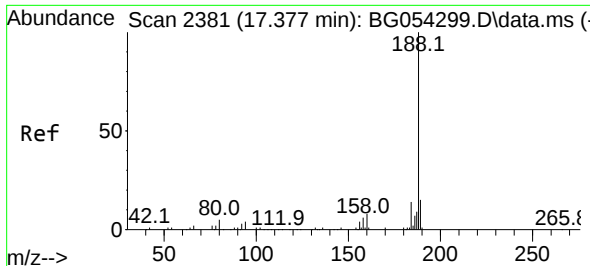
Tgt Ion:330 Resp: 112622
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 21.6 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 97.353 ng
 RT: 13.224 min Scan# 1742
 Delta R.T. -0.002 min
 Lab File: BG054634.D
 Acq: 14 Aug 2022 15:56

Tgt Ion:172 Resp: 326517
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.5 42.7
 170 24.8 18.9 28.3

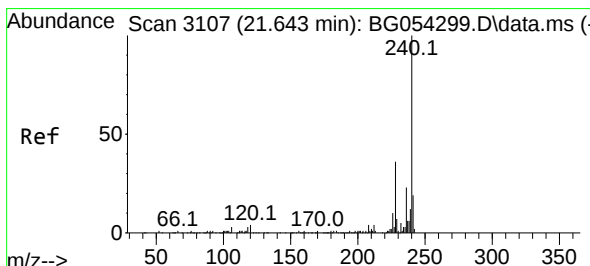
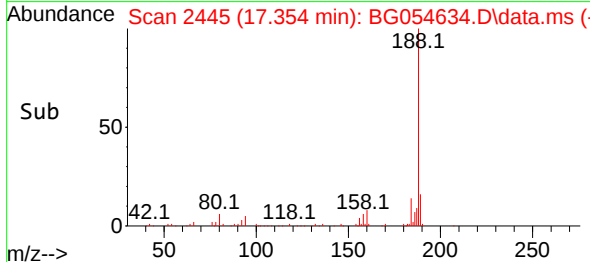
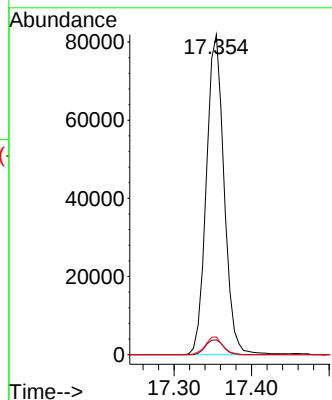
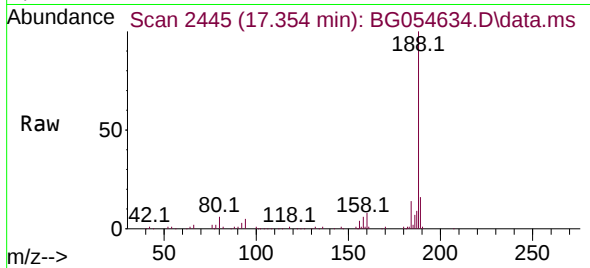




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

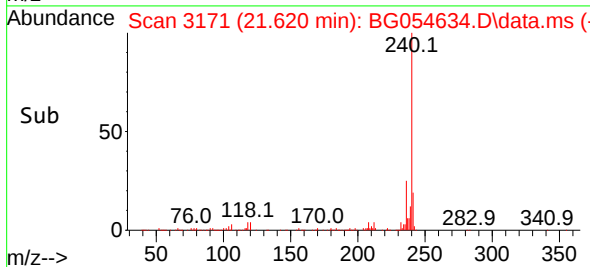
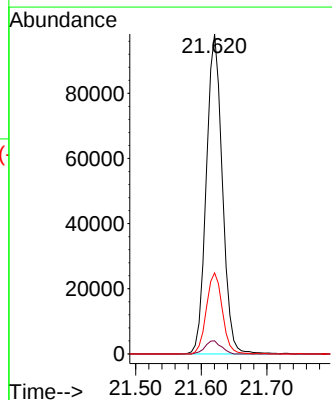
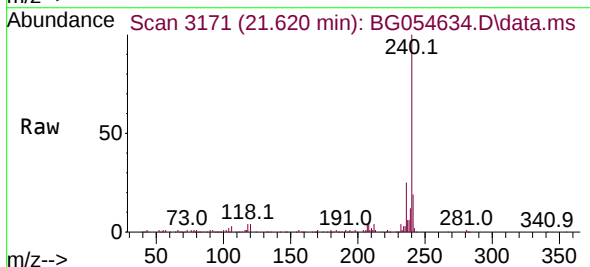
Instrument :
BNA_G
ClientSampleId :
COMP4

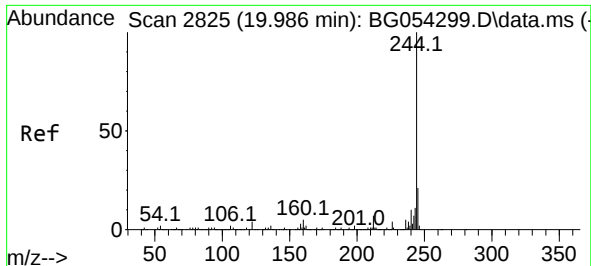
Tgt Ion:188 Resp: 129795
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3171
Delta R.T. -0.008 min
Lab File: BG054634.D
Acq: 14 Aug 2022 15:56

Tgt Ion:240 Resp: 165659
Ion Ratio Lower Upper
240 100
120 4.1 4.6 7.0#
236 25.3 20.2 30.4

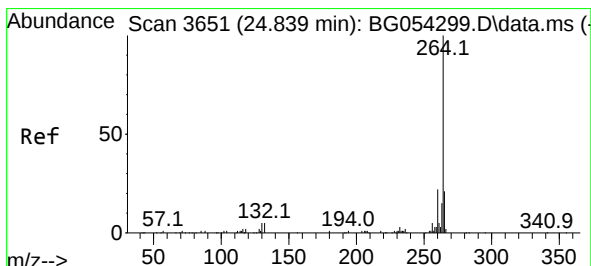
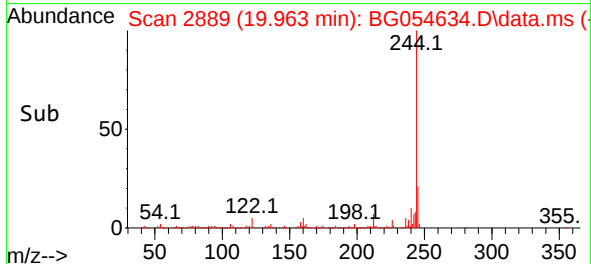
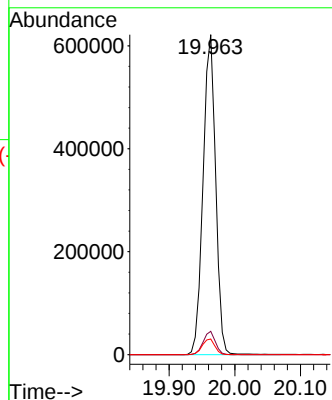
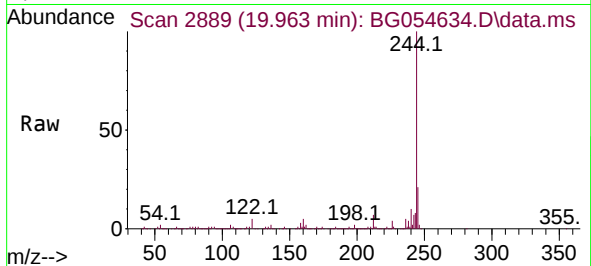




#79
 Terphenyl-d14
 Concen: 98.342 ng
 RT: 19.963 min Scan# 2825
 Delta R.T. -0.002 min
 Lab File: BG054634.D
 Acq: 14 Aug 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 COMP4

Tgt Ion:244 Resp: 821209
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.816 min Scan# 3715
 Delta R.T. -0.008 min
 Lab File: BG054634.D
 Acq: 14 Aug 2022 15:56

Tgt Ion:264 Resp: 166896
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.4 17.4 26.2

