

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060879.D
 Acq On : 12 Apr 2024 18:22
 Operator : MA/JU
 Sample : P2025-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Quant Time: Apr 12 19:15:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

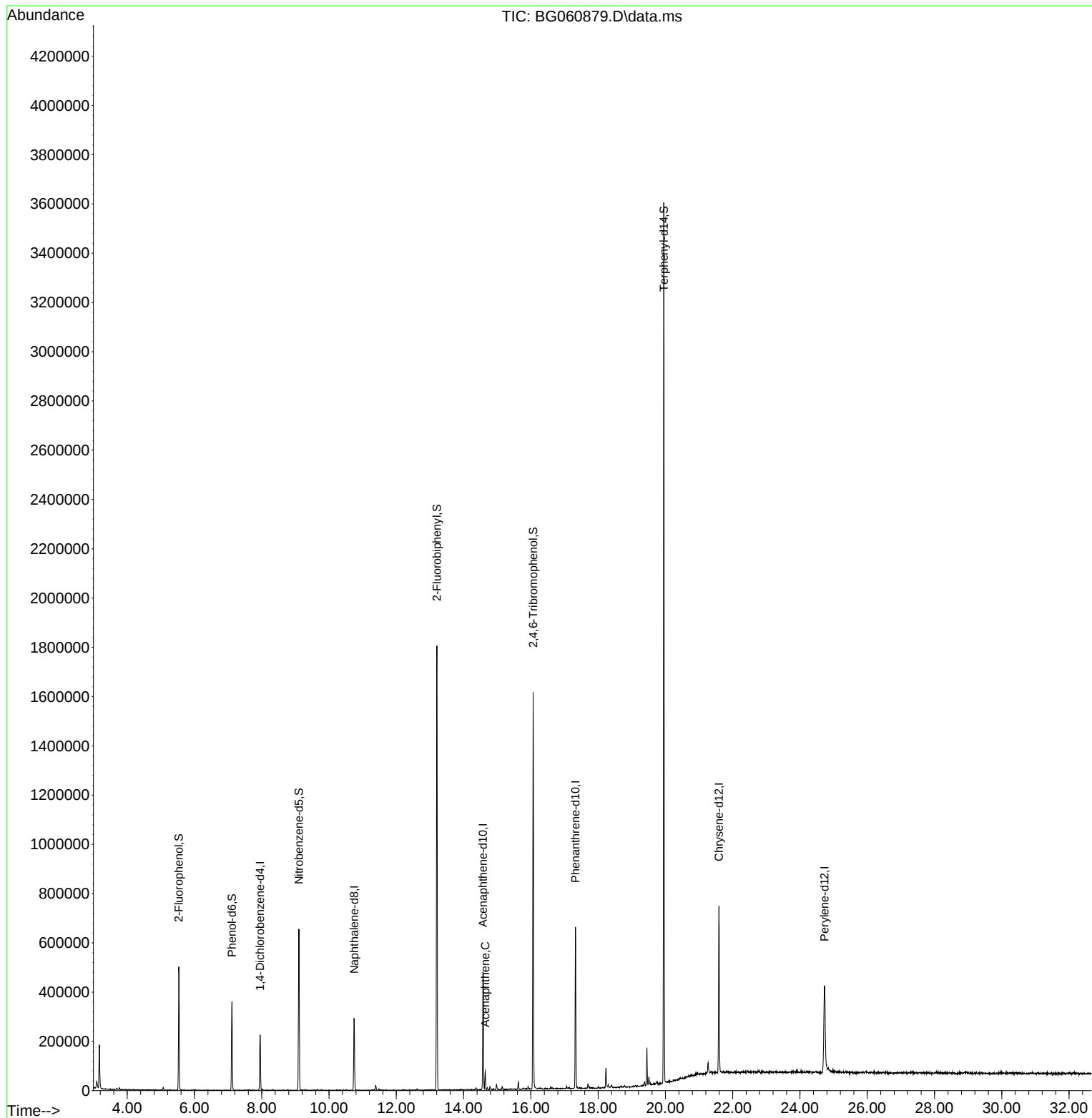
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	61430	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	233583	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	175214	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	404255	20.000	ng	#-0.01
76) Chrysene-d12	21.591	240	394250	20.000	ng	-0.01
86) Perylene-d12	24.728	264	438963	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	193078	52.360	ng	0.00
7) Phenol-d6	7.113	99	181990	33.248	ng	0.00
23) Nitrobenzene-d5	9.105	82	353654	86.394	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	327282	164.549	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	949902	79.566	ng	-0.01
79) Terphenyl-d14	19.951	244	1802664	80.512	ng	-0.01
Target Compounds						
52) Acenaphthene	14.646	154	28004	2.823	ng	Qvalue 95

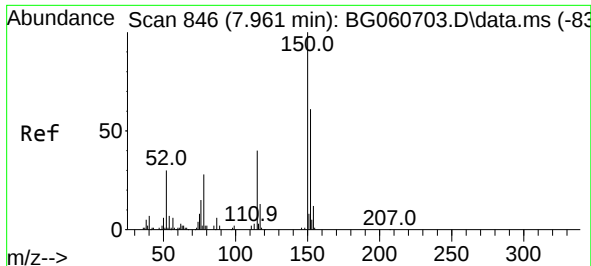
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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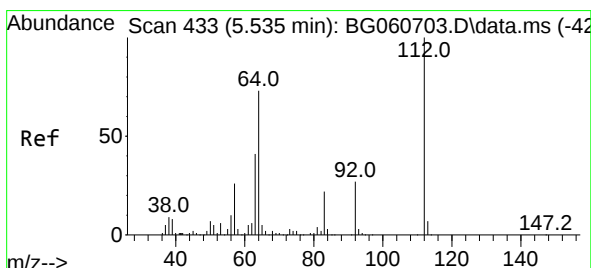
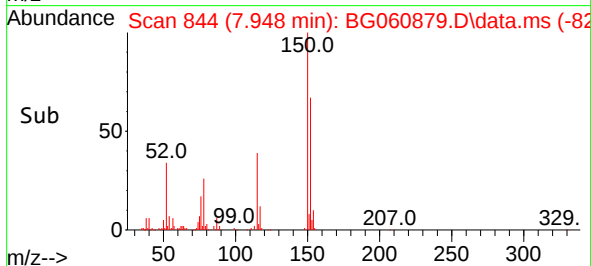
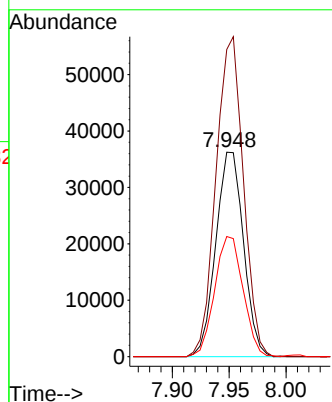
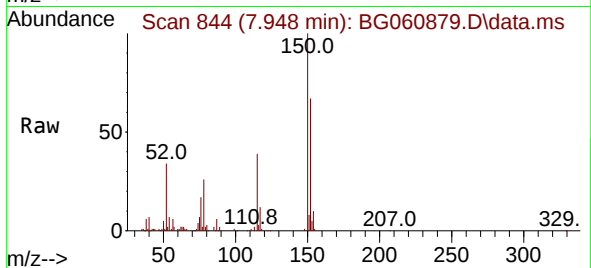




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 846
Delta R.T. -0.013 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

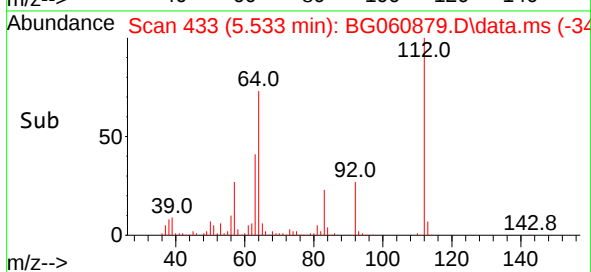
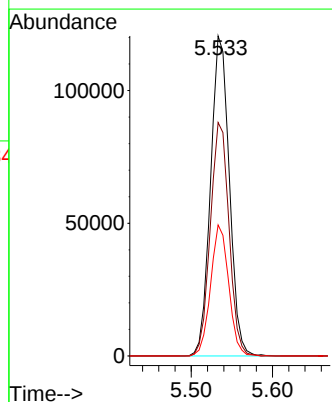
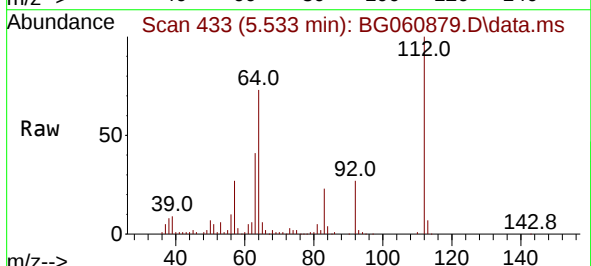
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

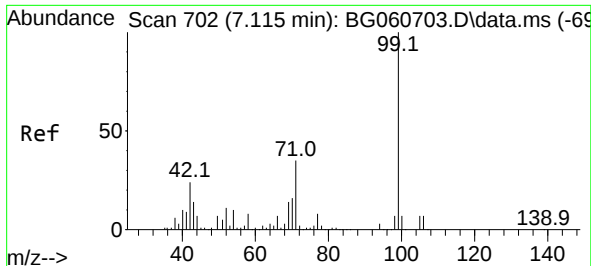
Tgt Ion:152 Resp: 61430
Ion Ratio Lower Upper
152 100
150 150.3 130.2 195.4
115 58.8 51.6 77.4



#5
2-Fluorophenol
Concen: 52.360 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:112 Resp: 193078
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 40.9 32.7 49.1

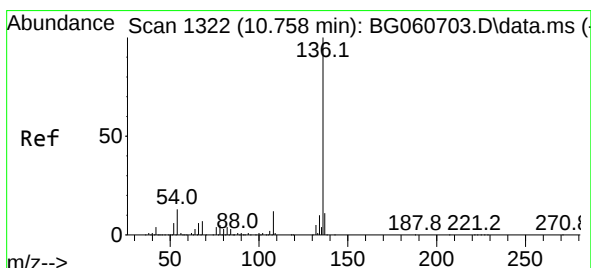
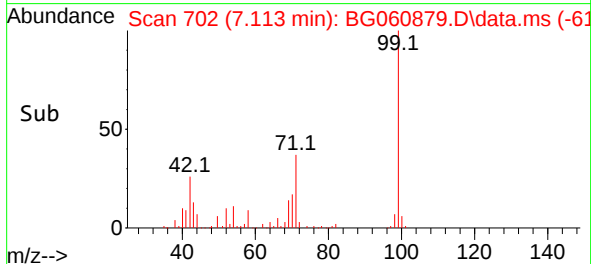
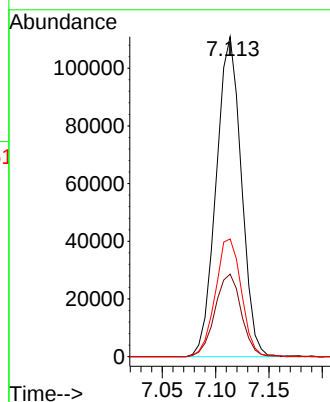
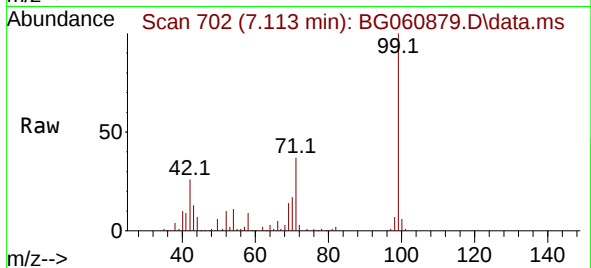




#7
Phenol-d6
Concen: 33.248 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

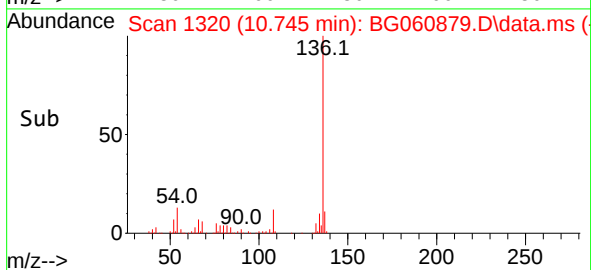
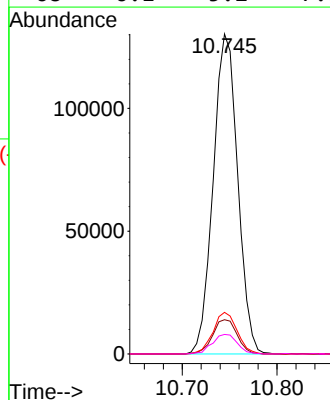
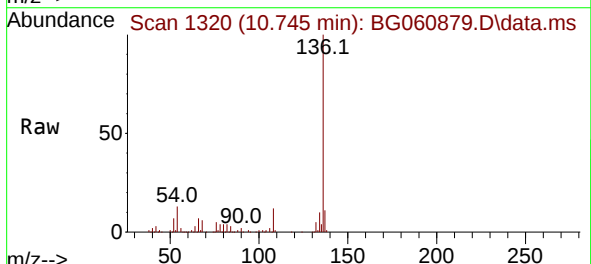
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

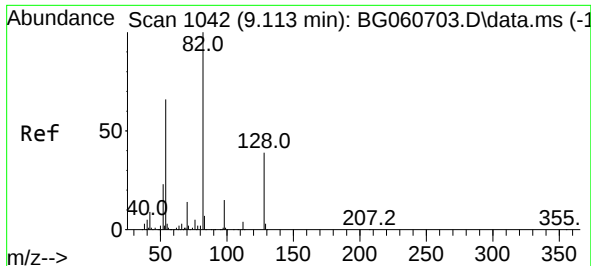
Tgt Ion: 99 Resp: 181990
Ion Ratio Lower Upper
99 100
42 25.8 19.4 29.2
71 36.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1320
Delta R.T. -0.013 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:136 Resp: 233583
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.0 10.2 15.2
68 6.1 5.2 7.8

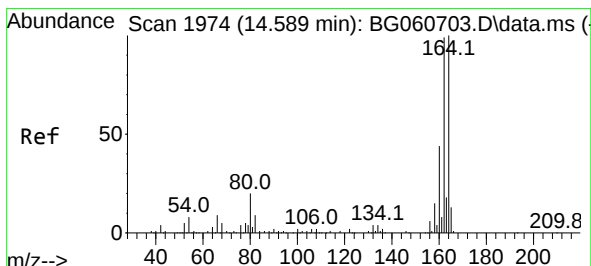
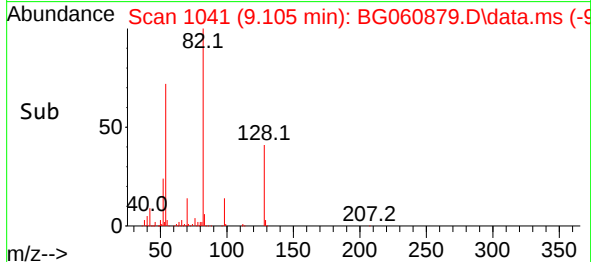
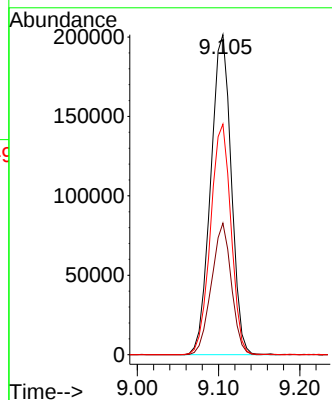
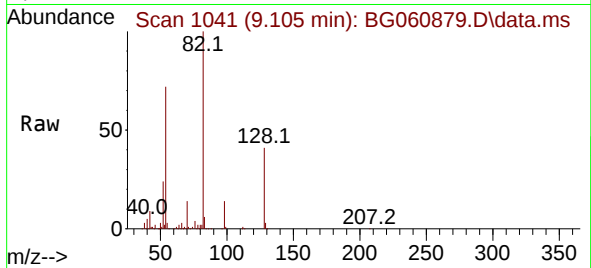




#23
Nitrobenzene-d5
Concen: 86.394 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

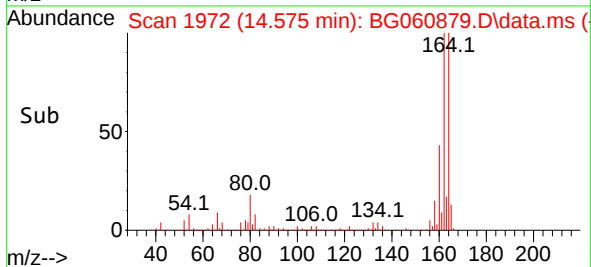
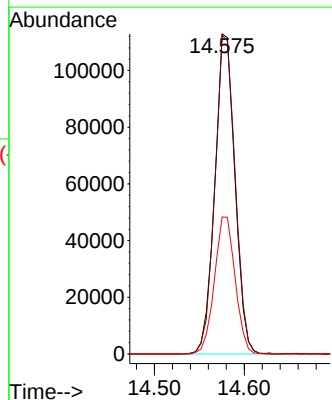
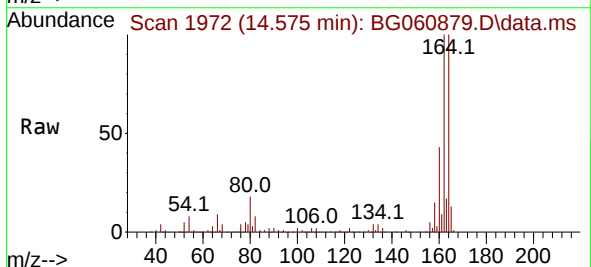
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

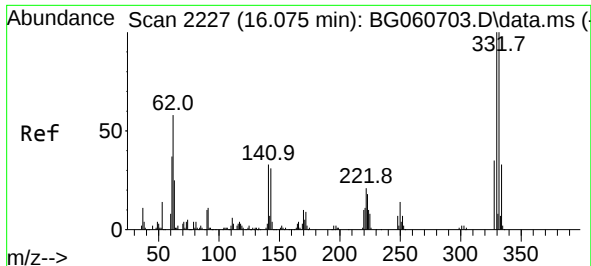
Tgt Ion: 82 Resp: 353654
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 72.0 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:164 Resp: 175214
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 42.8 35.4 53.0

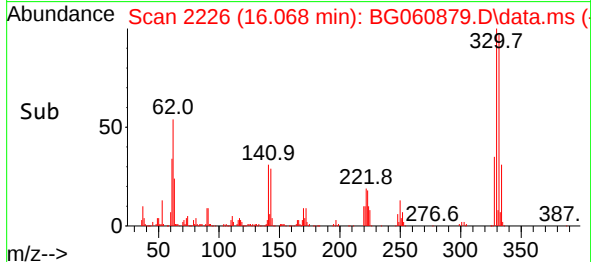
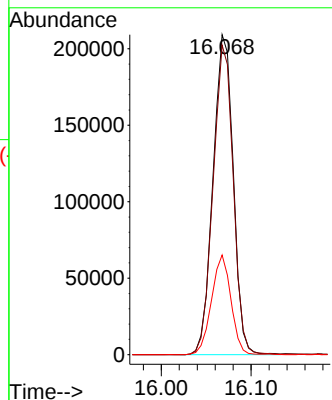
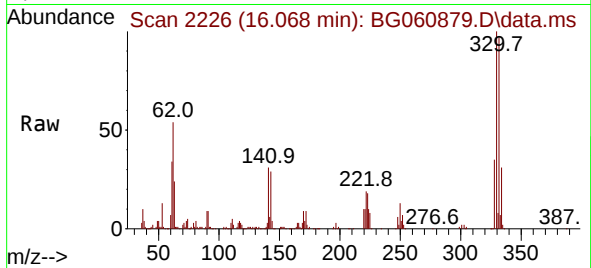




#42
2,4,6-Tribromophenol
Concen: 164.549 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

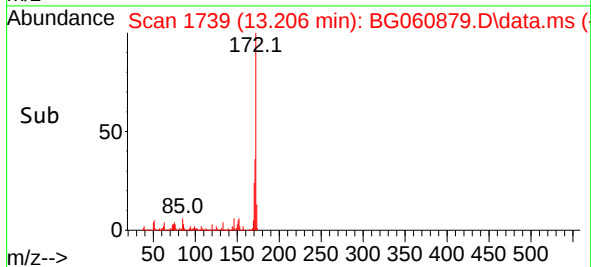
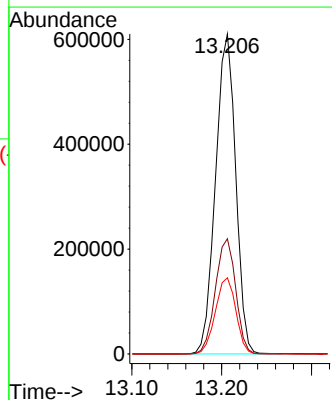
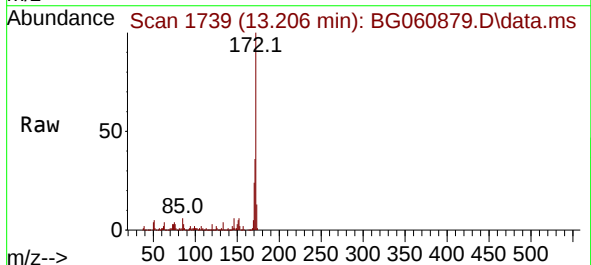
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

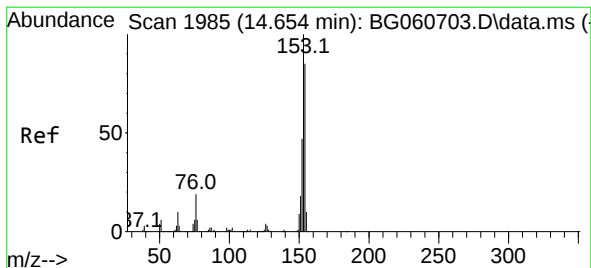
Tgt Ion:330 Resp: 327282
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 79.566 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:172 Resp: 949902
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.4 29.0





#52

Acenaphthene

Concen: 2.823 ng

RT: 14.646 min Scan# 1984

Delta R.T. -0.008 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

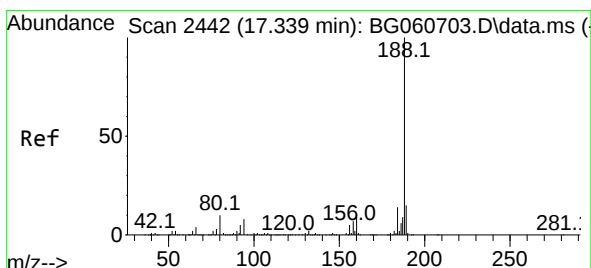
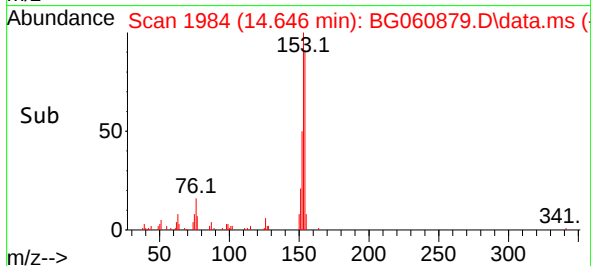
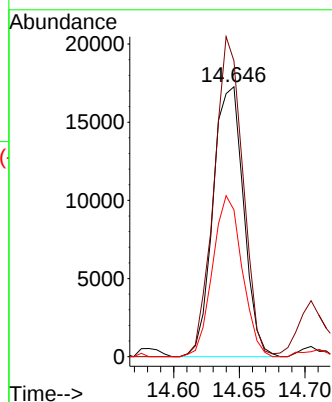
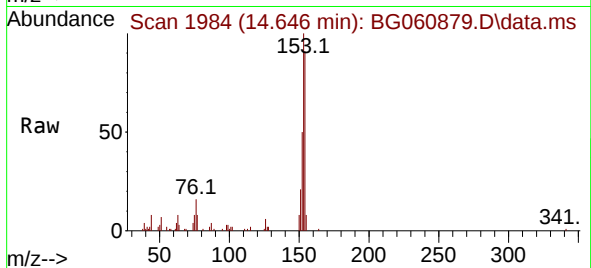
Tgt Ion:154 Resp: 28004

Ion Ratio Lower Upper

154 100

153 109.5 93.9 140.9

152 54.4 44.1 66.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2440

Delta R.T. -0.014 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

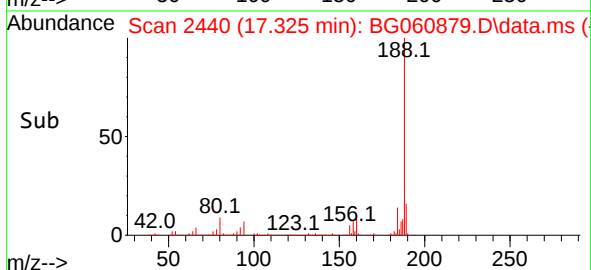
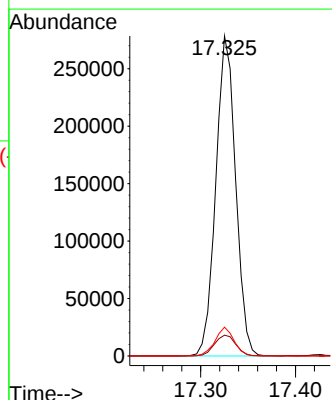
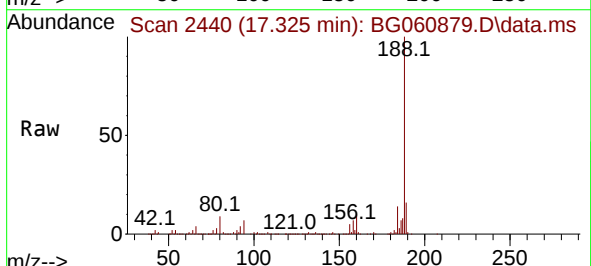
Tgt Ion:188 Resp: 404255

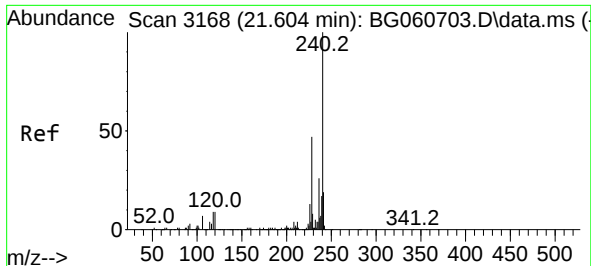
Ion Ratio Lower Upper

188 100

94 6.5 6.6 9.8#

80 9.0 7.6 11.4

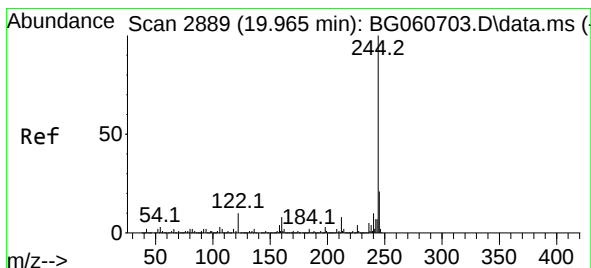
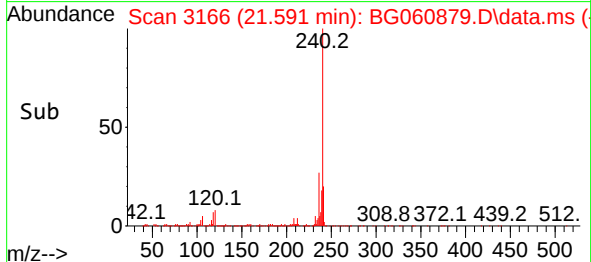
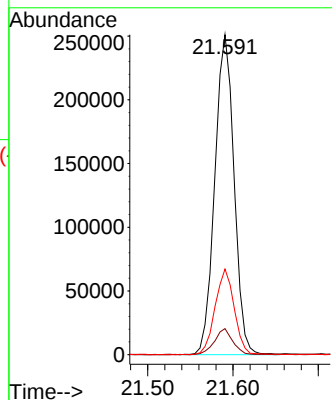
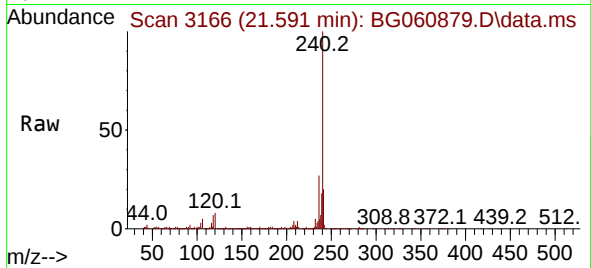




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

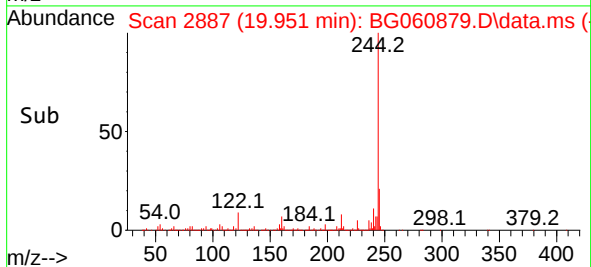
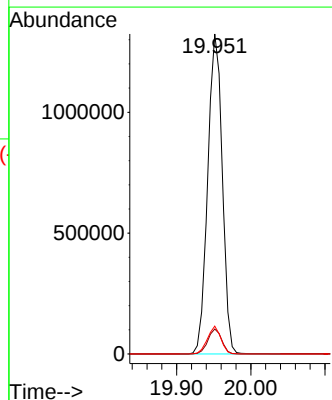
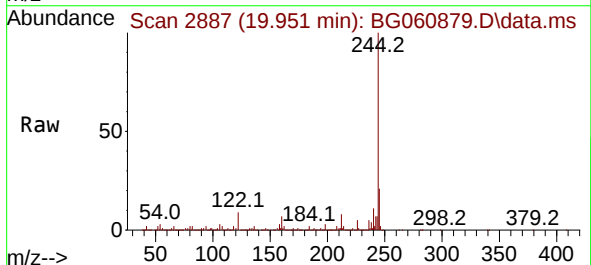
Instrument :
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TOTE-COMP

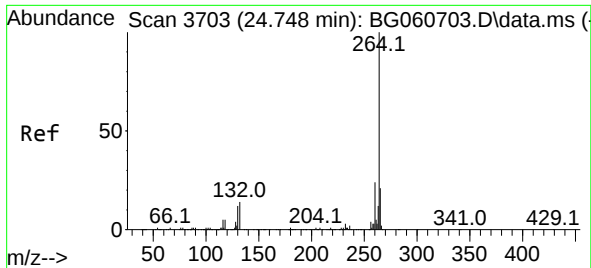
Tgt Ion:240 Resp: 394250
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.8 20.7 31.1



#79
Terphenyl-d14
Concen: 80.512 ng
RT: 19.951 min Scan# 2887
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:244 Resp: 1802664
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.728 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG060879.D
 Acq: 12 Apr 2024 18:22

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Tgt Ion:264 Resp: 438963
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.0 16.9 25.3

