

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060813.D
 Acq On : 6 Apr 2024 16:13
 Operator : MA/JU
 Sample : P1996-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2

Quant Time: Apr 08 02:07:48 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	7.956	152	68844	20.000	ng	0.00
21) Naphthalene-d8	10.747	136	264203	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	194772	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	452045	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	437953	20.000	ng	-0.02
86) Perylene-d12	24.725	264	501567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	498955	120.737	ng	0.00
7) Phenol-d6	7.116	99	628798	102.505	ng	0.00
23) Nitrobenzene-d5	9.108	82	501807	108.378	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	392455	177.503	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	1189109	89.601	ng	-0.01
79) Terphenyl-d14	19.954	244	2182869	87.764	ng	-0.01

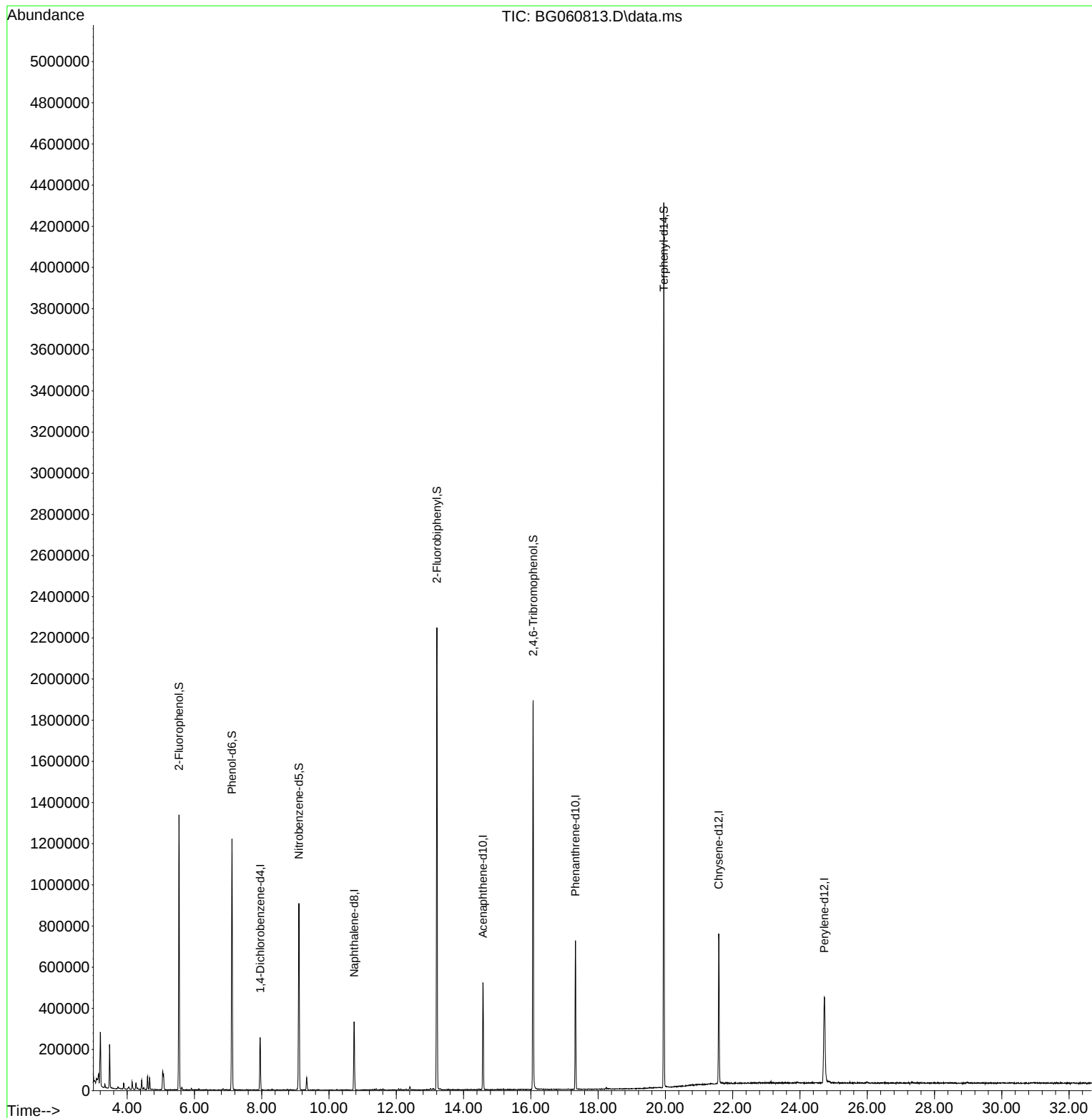
Target Compounds	Qvalue

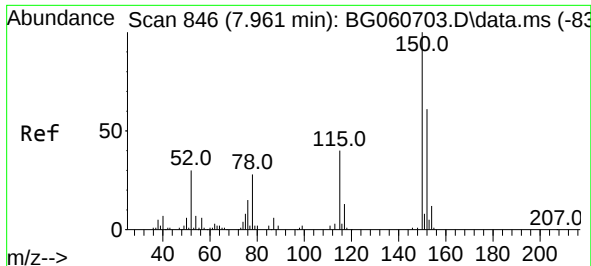
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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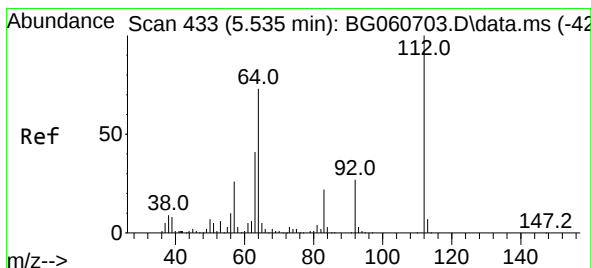
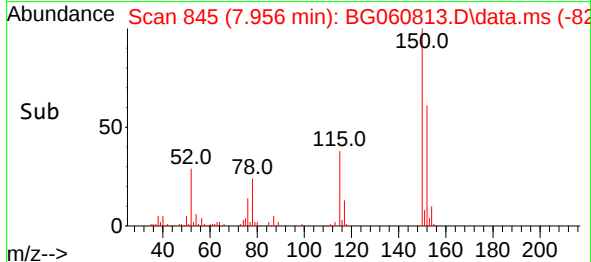
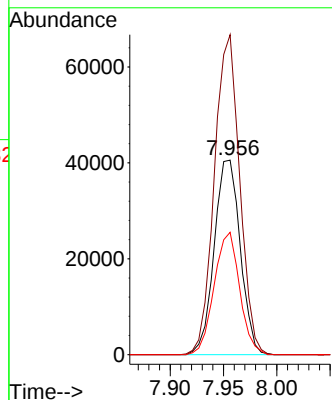
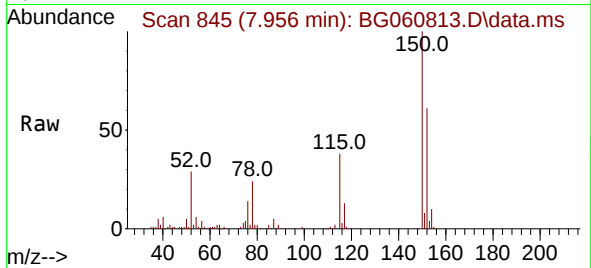




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

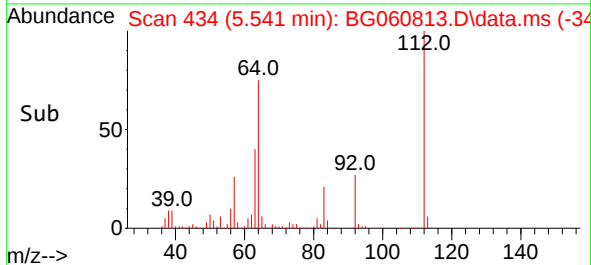
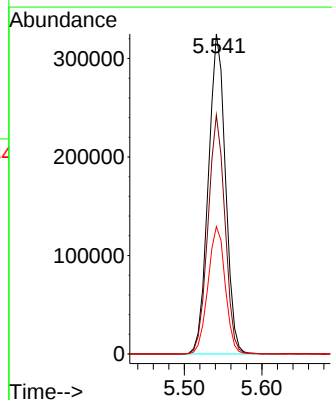
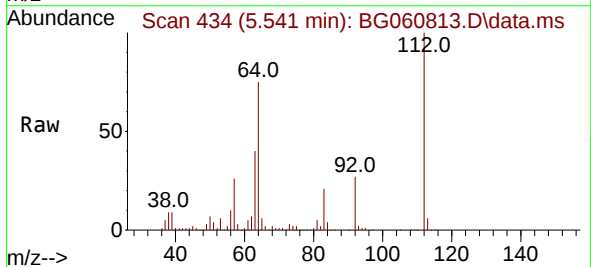
Instrument :
BNA_G
ClientSampleId :
TP2

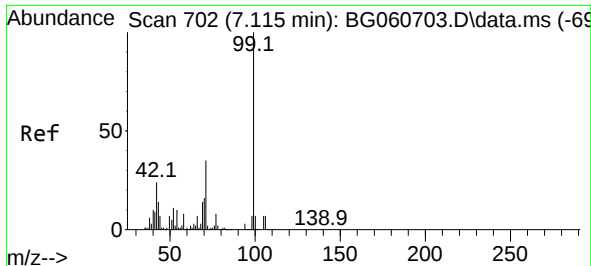
Tgt Ion:152 Resp: 68844
Ion Ratio Lower Upper
152 100
150 164.5 130.2 195.4
115 62.9 51.6 77.4



#5
2-Fluorophenol
Concen: 120.737 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:112 Resp: 498955
Ion Ratio Lower Upper
112 100
64 74.7 58.4 87.6
63 39.8 32.7 49.1

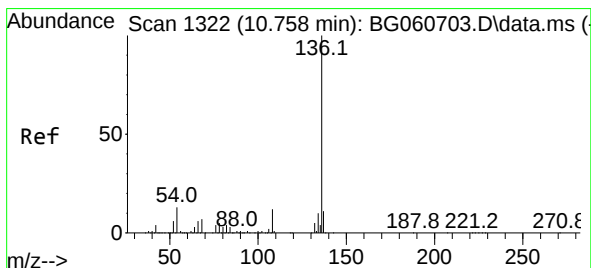
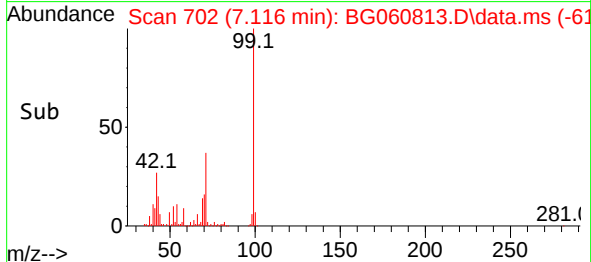
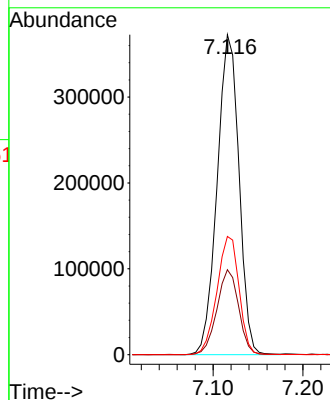
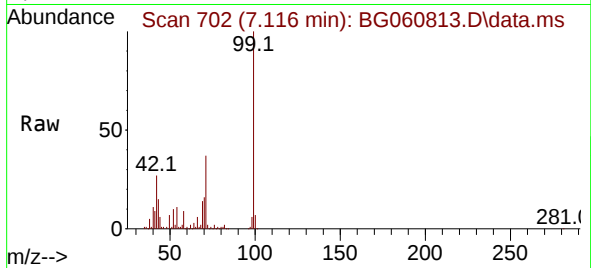




#7
Phenol-d6
Concen: 102.505 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

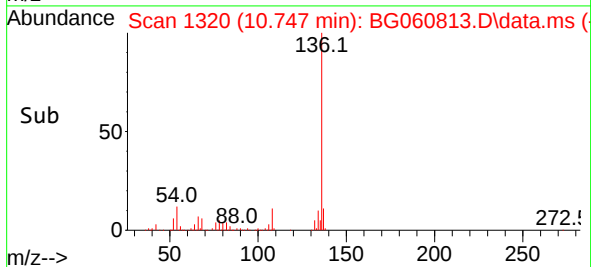
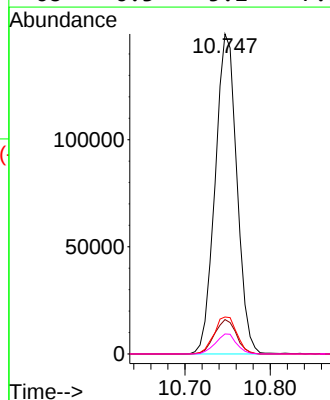
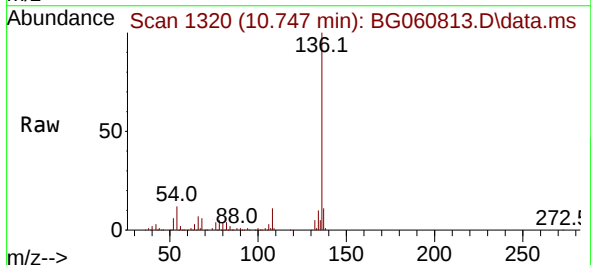
Instrument :
BNA_G
ClientSampleId :
TP2

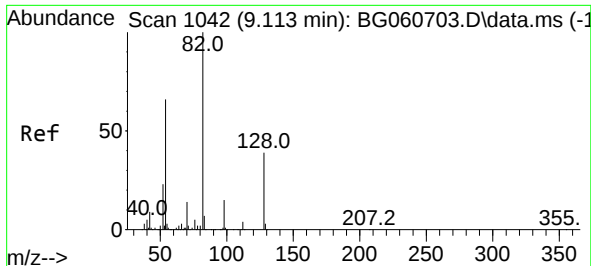
Tgt Ion: 99 Resp: 628798
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 36.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:136 Resp: 264203
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.6 10.2 15.2
68 6.3 5.2 7.8

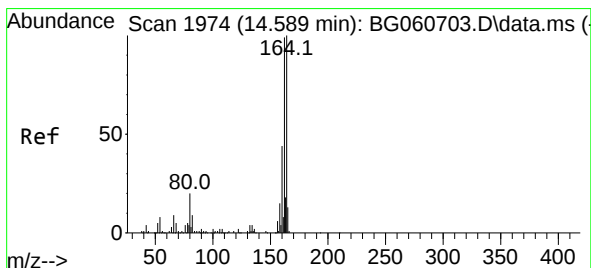
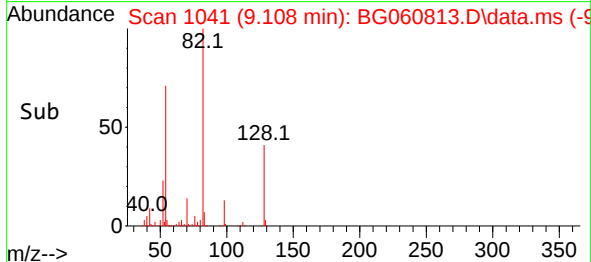
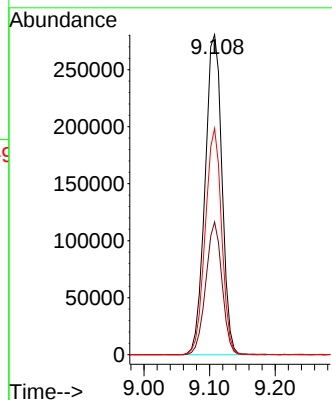
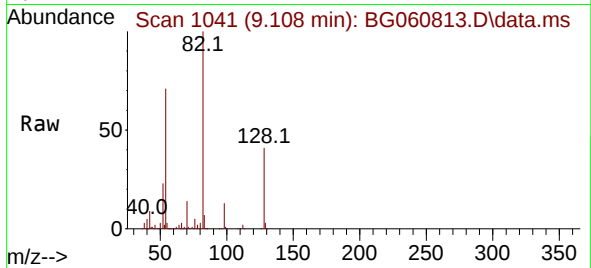




#23
Nitrobenzene-d5
Concen: 108.378 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

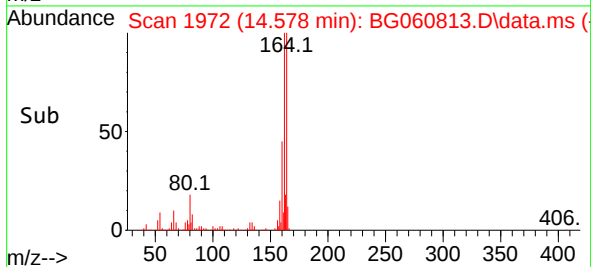
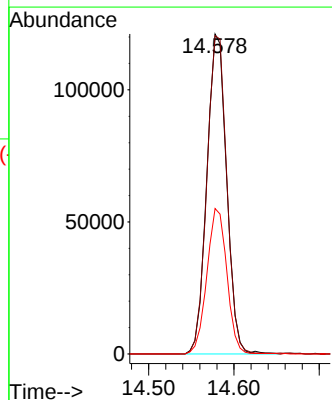
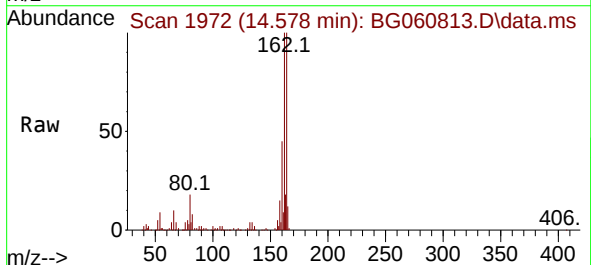
Instrument :
BNA_G
ClientSampleId :
TP2

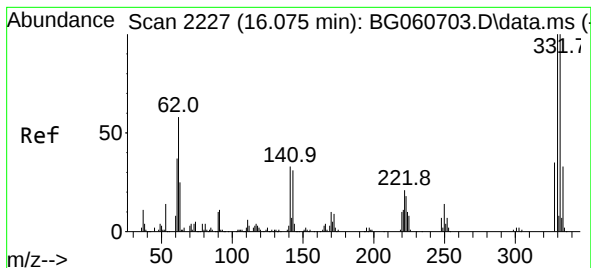
Tgt Ion: 82 Resp: 501807
Ion Ratio Lower Upper
82 100
128 41.4 31.2 46.8
54 70.7 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:164 Resp: 194772
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.5 35.4 53.0

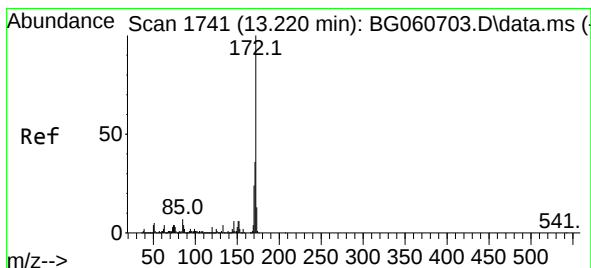
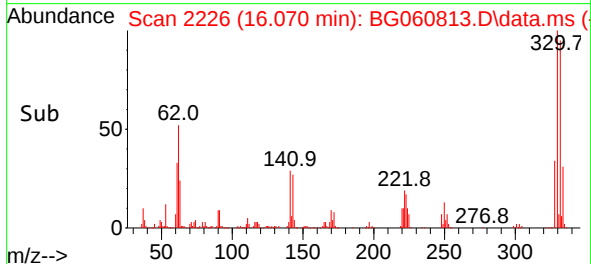
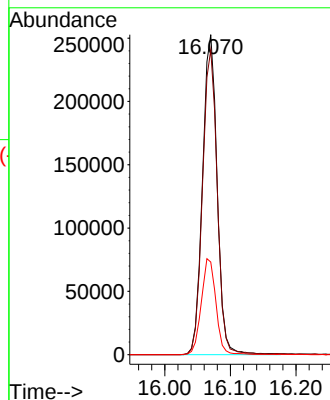
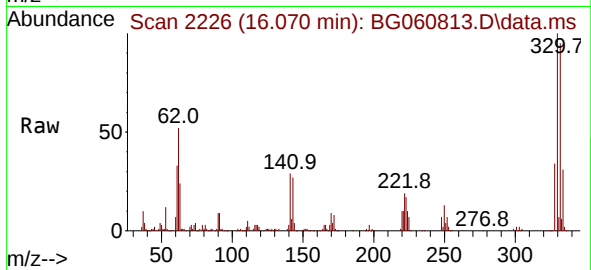




#42
2,4,6-Tribromophenol
Concen: 177.503 ng
RT: 16.070 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

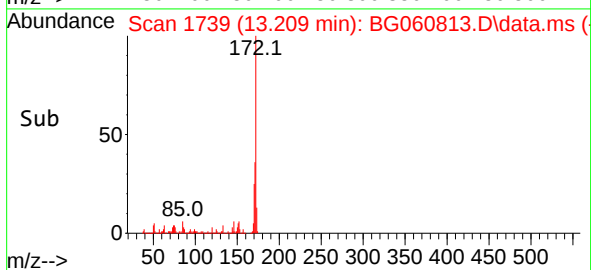
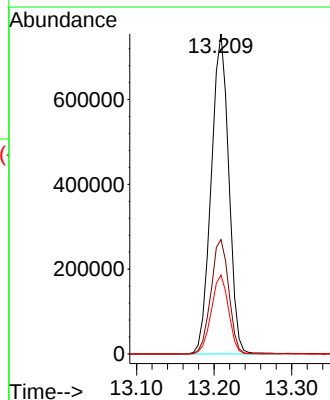
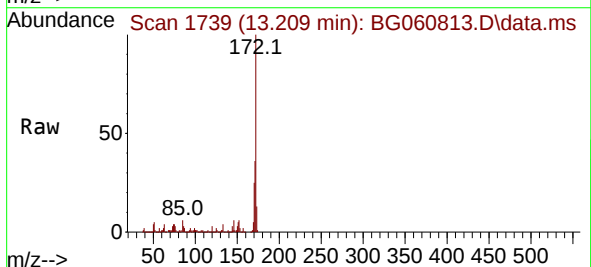
Instrument :
BNA_G
ClientSampleId :
TP2

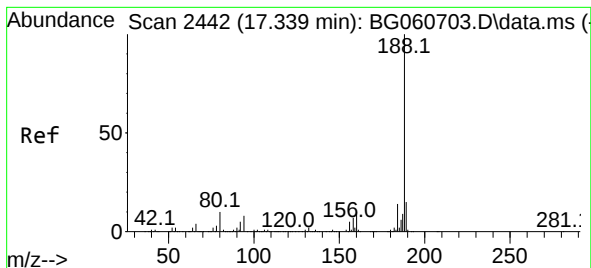
Tgt Ion:330 Resp: 392455
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 89.601 ng
RT: 13.209 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:172 Resp: 1189109
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2442

Delta R.T. -0.011 min

Lab File: BG060813.D

Acq: 6 Apr 2024 16:13

Instrument :

BNA_G

ClientSampleId :

TP2

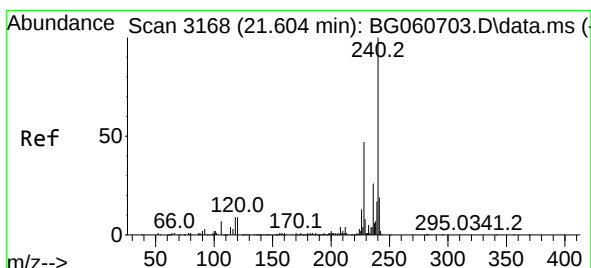
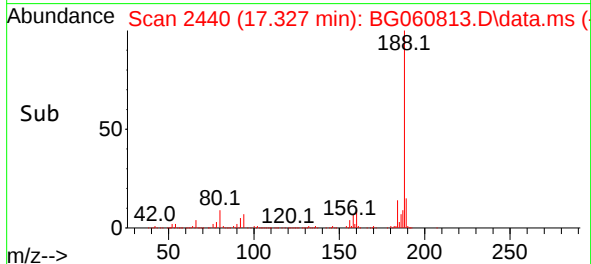
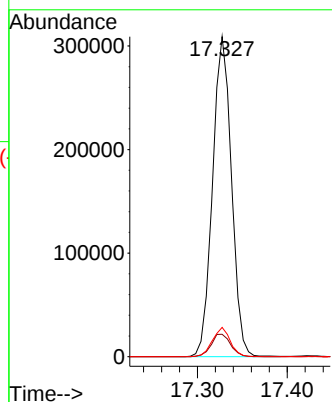
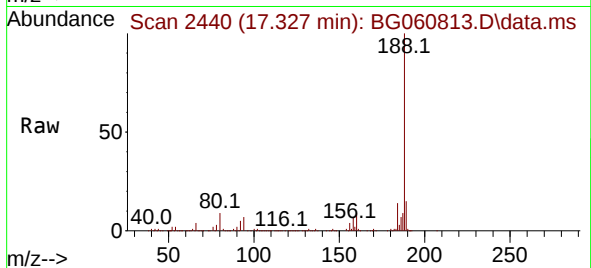
Tgt Ion:188 Resp: 452045

Ion Ratio Lower Upper

188 100

94 7.0 6.6 9.8

80 9.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3165

Delta R.T. -0.017 min

Lab File: BG060813.D

Acq: 6 Apr 2024 16:13

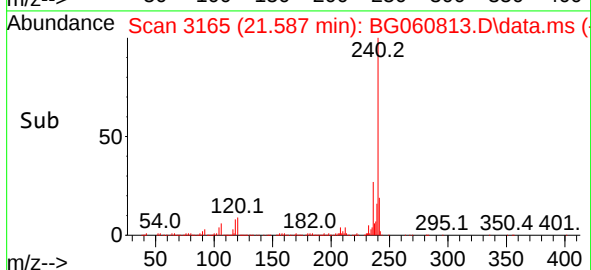
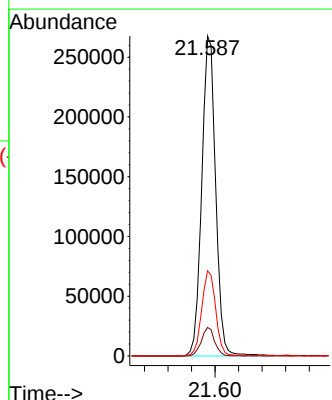
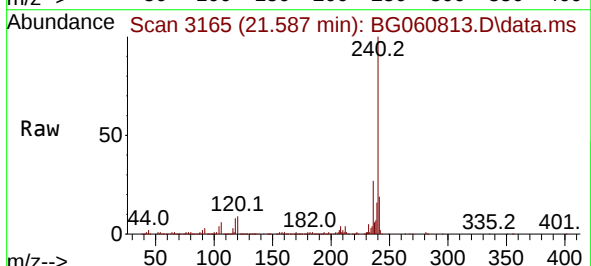
Tgt Ion:240 Resp: 437953

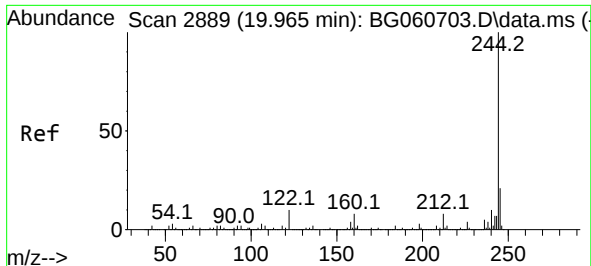
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

236 26.6 20.7 31.1

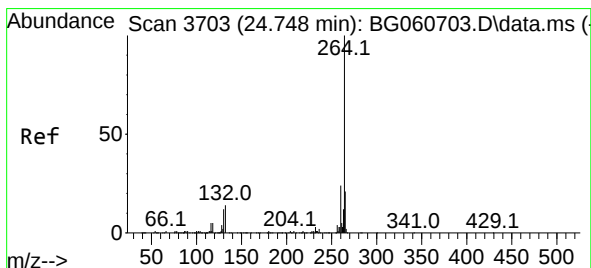
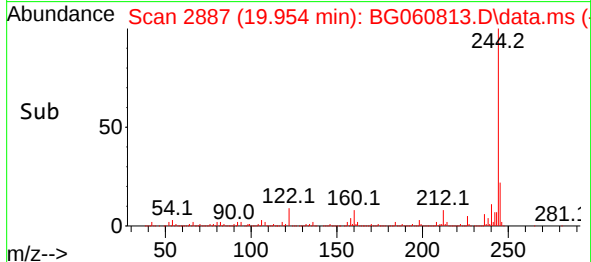
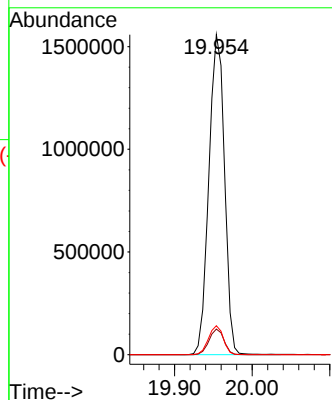
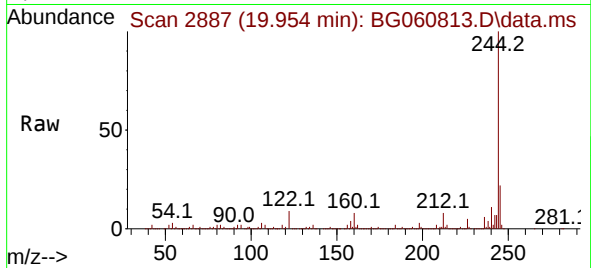




#79
Terphenyl-d14
Concen: 87.764 ng
RT: 19.954 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :
TP2

Tgt Ion:244 Resp: 2182869
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.0 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.725 min Scan# 3699
Delta R.T. -0.023 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:264 Resp: 501567
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.8 16.9 25.3

