

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
Data File : BG060823.D
Acq On : 8 Apr 2024 13:08
Operator : MA/JU
Sample : PB159972TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159972TB

Quant Time: Apr 08 13:43:09 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	7.953	152	50473	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	187995	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	153118	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	418878	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	429602	20.000	ng	-0.02
86) Perylene-d12	24.721	264	496930	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	387164	127.786	ng	0.00
7) Phenol-d6	7.112	99	521135	115.875	ng	0.00
23) Nitrobenzene-d5	9.104	82	325210	98.710	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	309942	178.318	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	869661	83.357	ng	-0.01
79) Terphenyl-d14	19.950	244	2015061	82.592	ng	-0.01

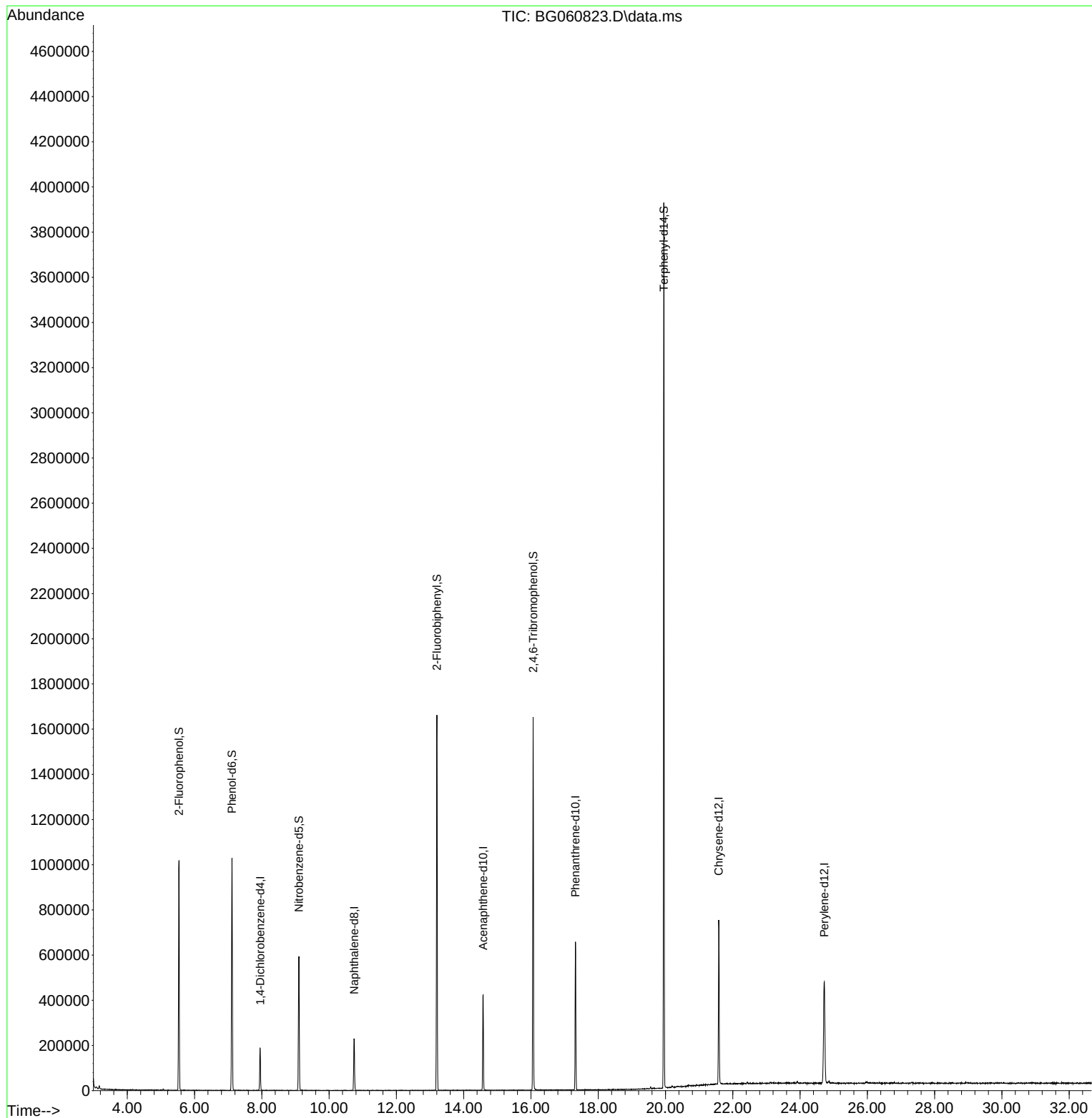
Target Compounds	Qvalue

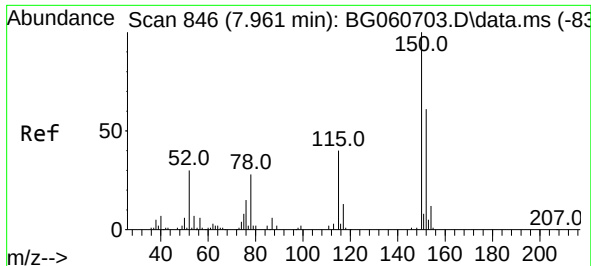
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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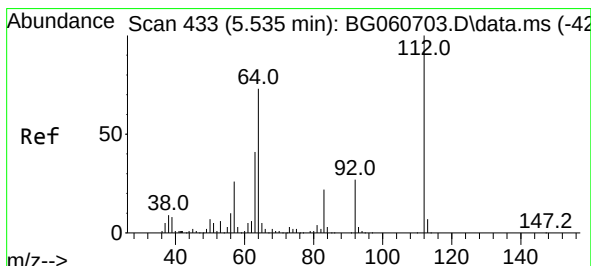
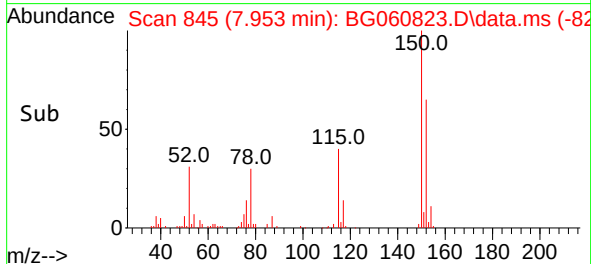
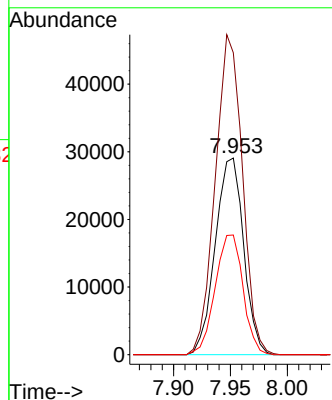
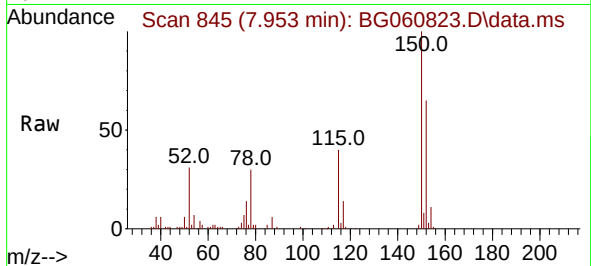




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

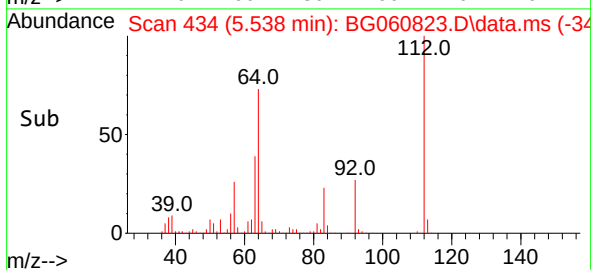
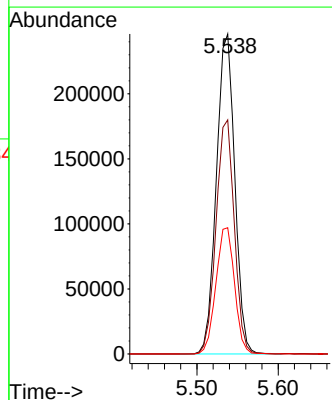
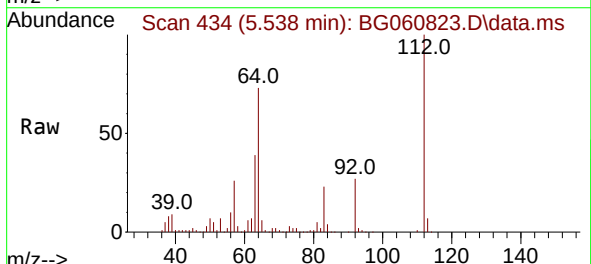
Instrument :
BNA_G
ClientSampleId :
PB159972TB

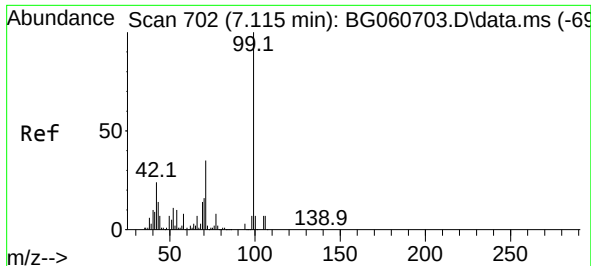
Tgt Ion:152 Resp: 50473
Ion Ratio Lower Upper
152 100
150 153.5 130.2 195.4
115 60.8 51.6 77.4



#5
2-Fluorophenol
Concen: 127.786 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Tgt Ion:112 Resp: 387164
Ion Ratio Lower Upper
112 100
64 73.2 58.4 87.6
63 39.4 32.7 49.1

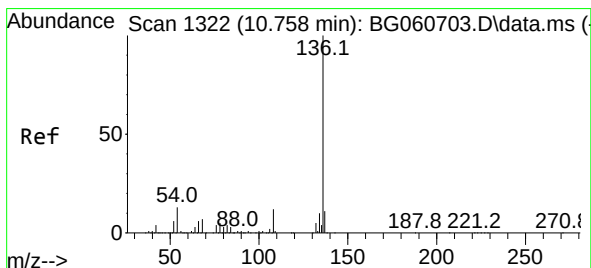
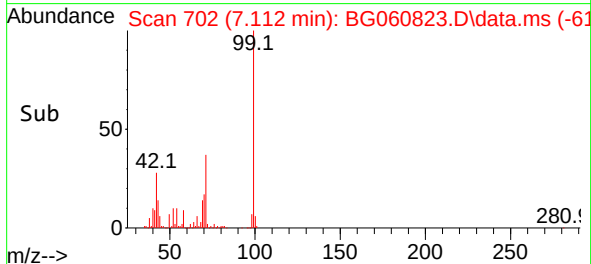
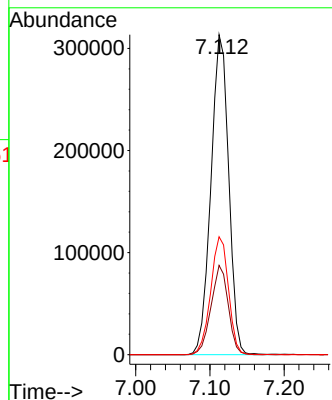
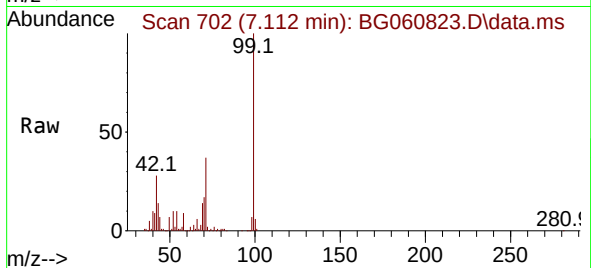




#7
Phenol-d6
Concen: 115.875 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

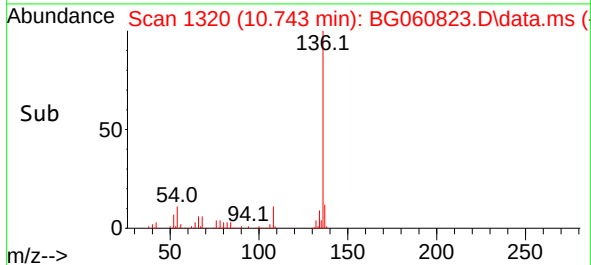
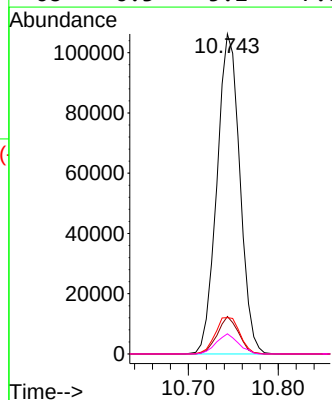
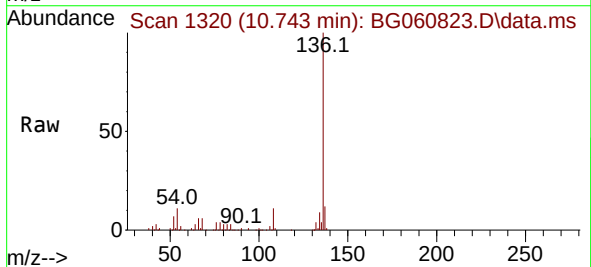
Instrument :
BNA_G
ClientSampleId :
PB159972TB

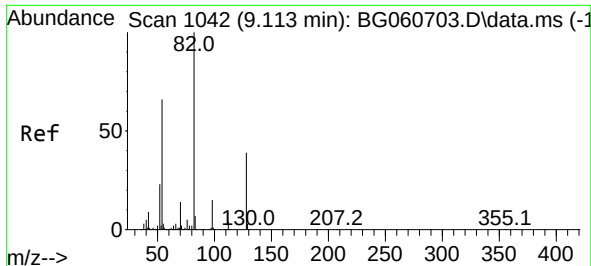
Tgt Ion: 99 Resp: 521135
Ion Ratio Lower Upper
99 100
42 27.9 19.4 29.2
71 36.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Tgt Ion:136 Resp: 187995
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 11.4 10.2 15.2
68 6.3 5.2 7.8

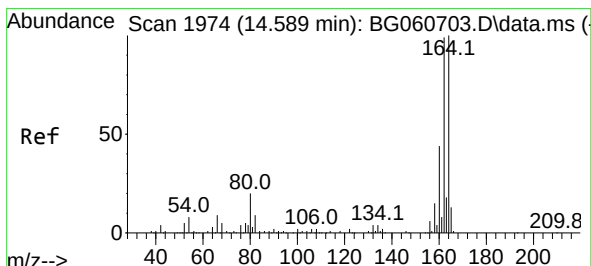
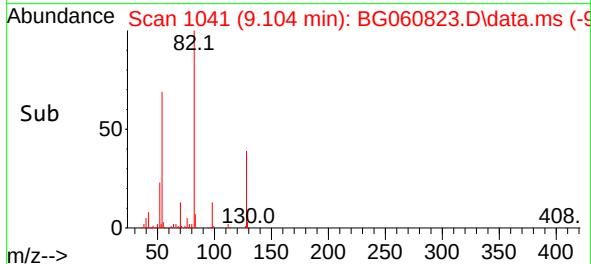
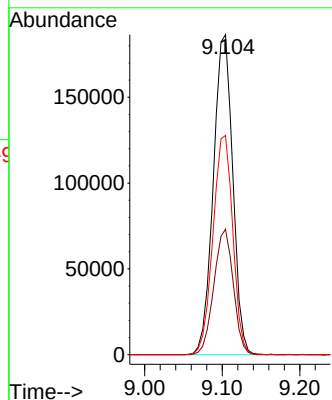
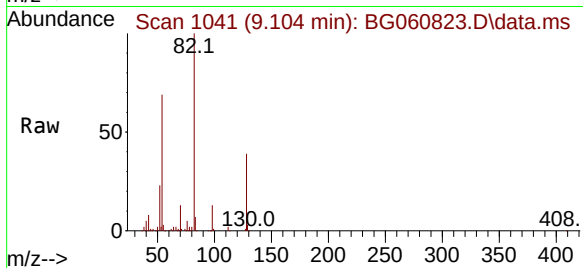




#23
Nitrobenzene-d5
Concen: 98.710 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

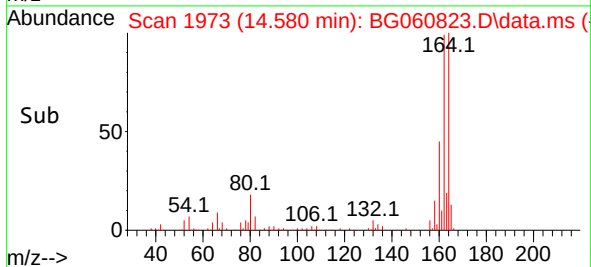
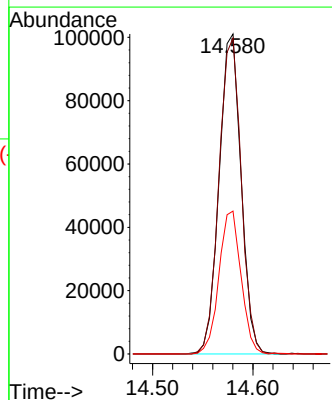
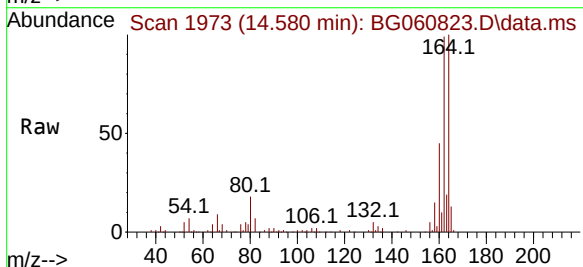
Instrument :
BNA_G
ClientSampleId :
PB159972TB

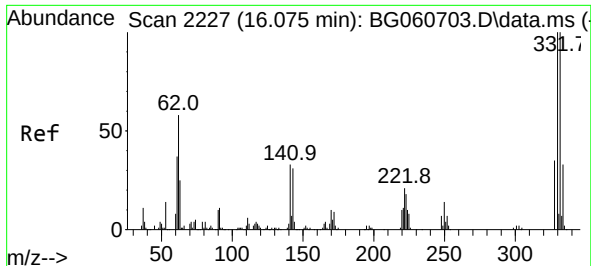
Tgt Ion: 82 Resp: 325210
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 68.5 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

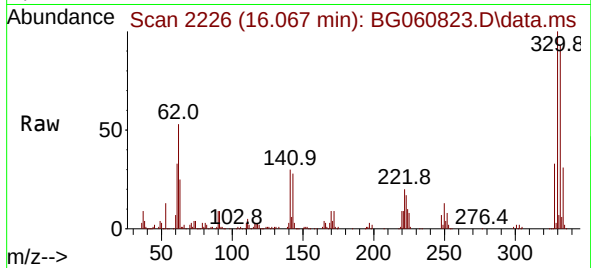
Tgt Ion:164 Resp: 153118
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.7 35.4 53.0



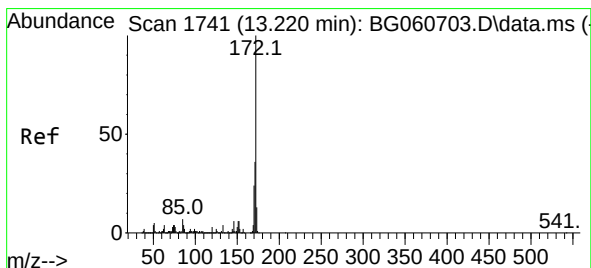
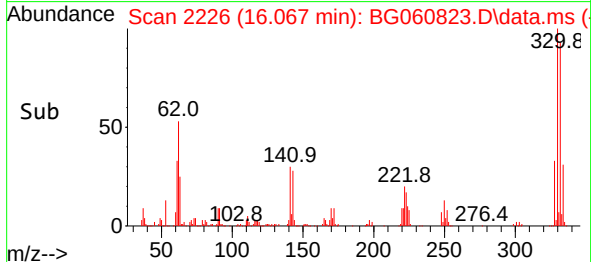
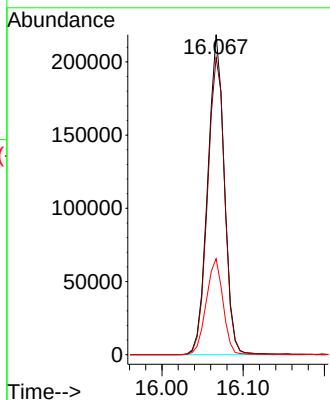


#42
2,4,6-Tribromophenol
Concen: 178.318 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :
PB159972TB

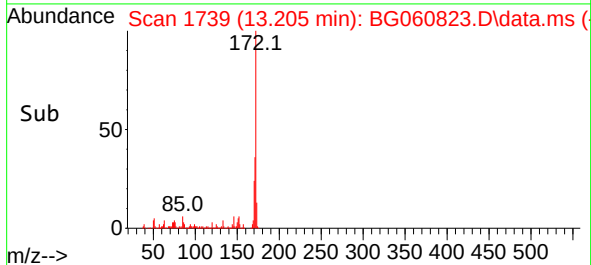
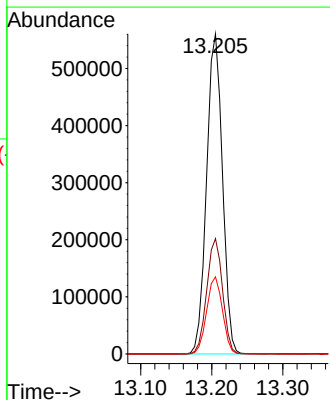
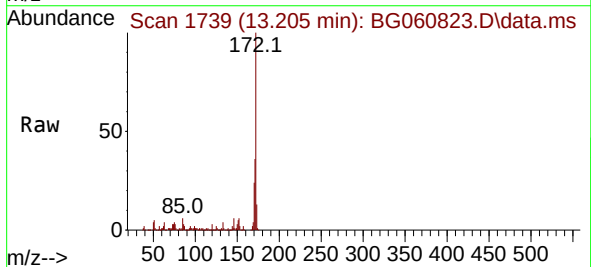


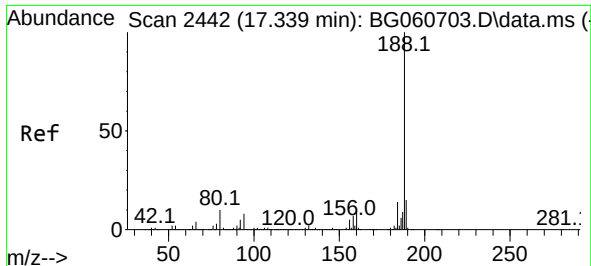
Tgt Ion:330 Resp: 309942
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 30.4 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 83.357 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Tgt Ion:172 Resp: 869661
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.1 19.4 29.0

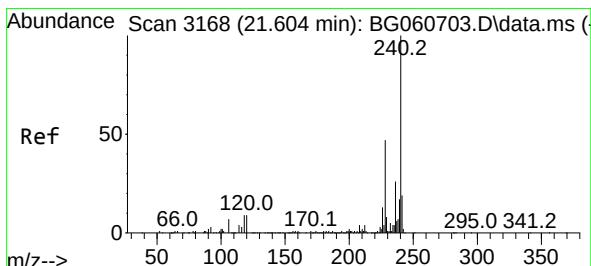
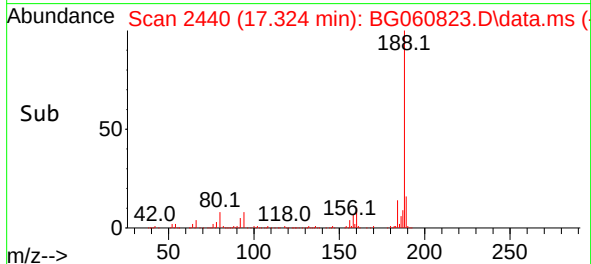
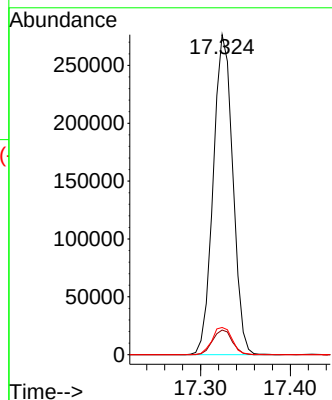
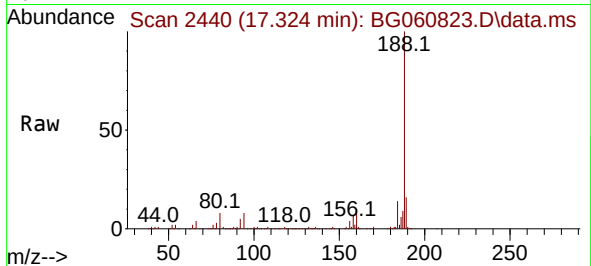




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

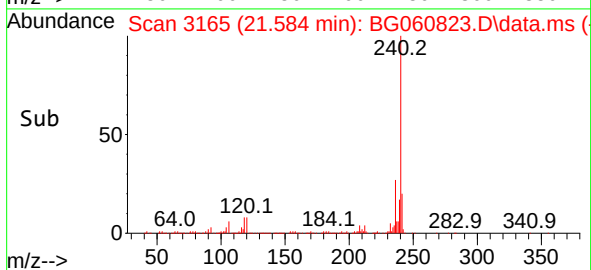
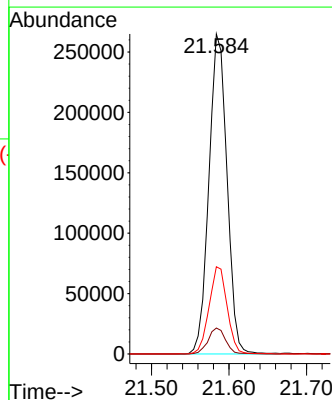
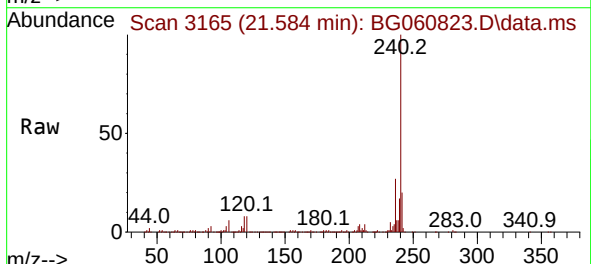
Instrument :
BNA_G
ClientSampleId :
PB159972TB

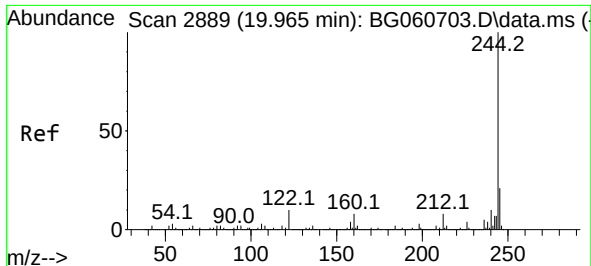
Tgt Ion:188 Resp: 418878
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

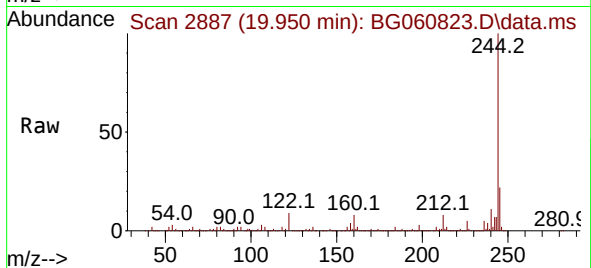
Tgt Ion:240 Resp: 429602
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 27.3 20.7 31.1





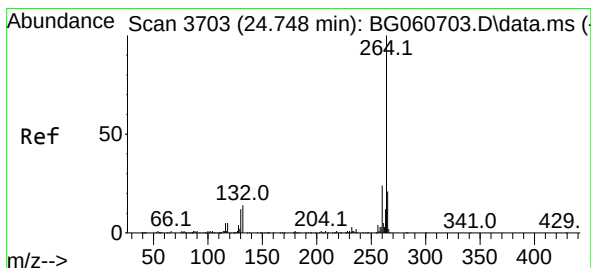
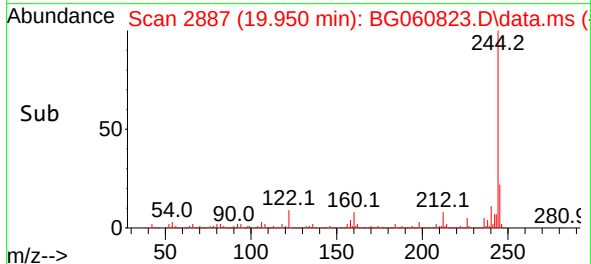
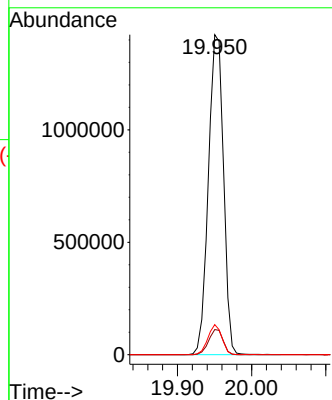
#79
 Terphenyl-d14
 Concen: 82.592 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060823.D
 Acq: 8 Apr 2024 13:08

Instrument :
 BNA_G
 ClientSampleId :
 PB159972TB



Tgt Ion:244 Resp: 2015061

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.4	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3699
 Delta R.T. -0.026 min
 Lab File: BG060823.D
 Acq: 8 Apr 2024 13:08

Tgt Ion:264 Resp: 496930

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	16.9	25.3

