

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060930.D
Acq On : 18 Apr 2024 10:20
Operator : MA/JU
Sample : PB160120BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160120BL

Quant Time: Apr 18 11:27:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	44870	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	168842	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	142662	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	413080	20.000	ng	0.00
76) Chrysene-d12	21.574	240	433614	20.000	ng	0.00
86) Perylene-d12	24.694	264	502308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	378437	146.498	ng	0.00
7) Phenol-d6	7.103	99	524810	141.027	ng	0.00
23) Nitrobenzene-d5	9.095	82	336567	90.495	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	340319	144.397	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	864458	88.921	ng	0.00
79) Terphenyl-d14	19.941	244	2150637	86.560	ng	0.00

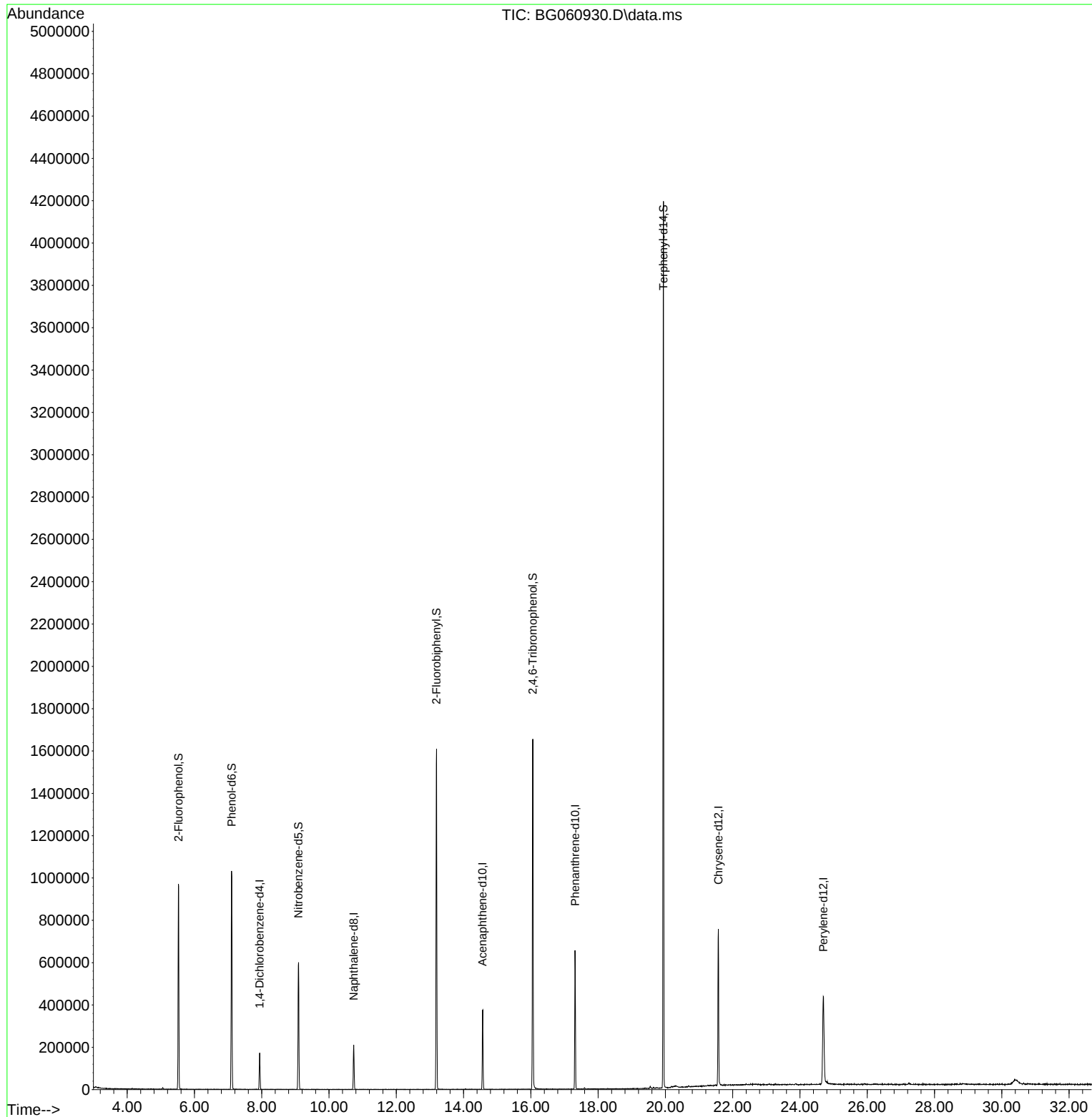
Target Compounds	Qvalue

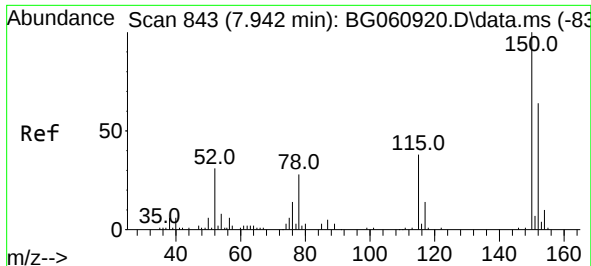
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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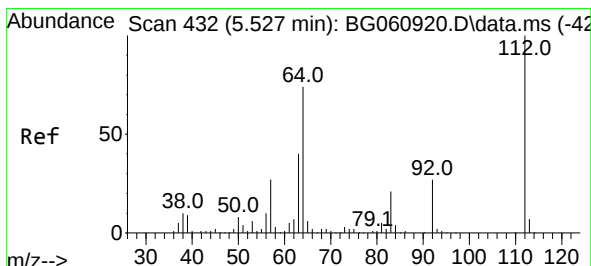
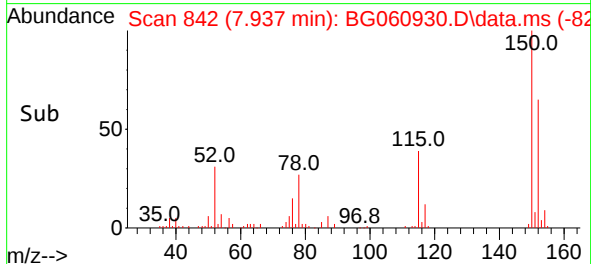
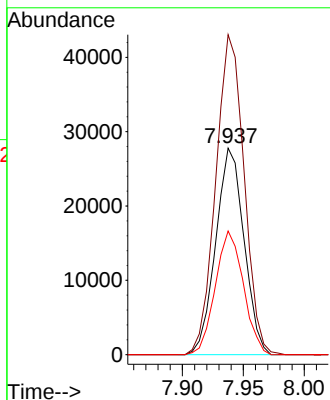
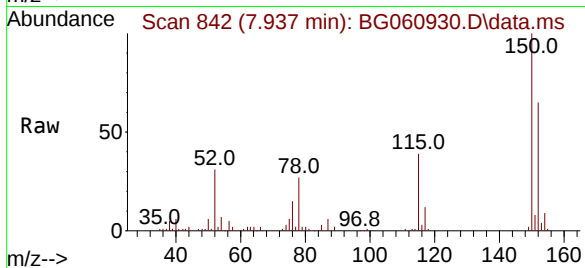




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 843
Delta R.T. -0.005 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

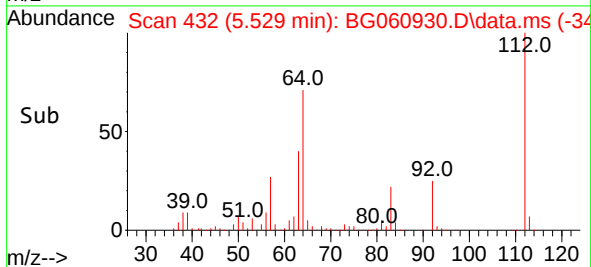
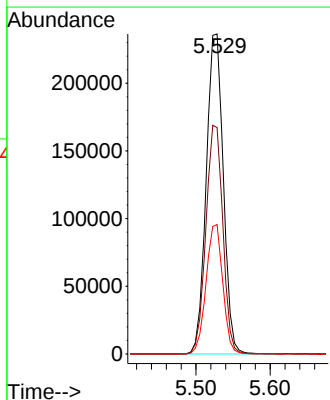
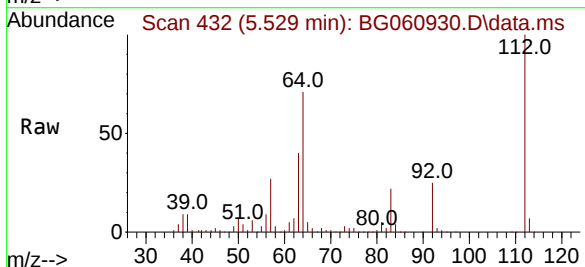
Instrument :
BNA_G
ClientSampleId :
PB160120BL

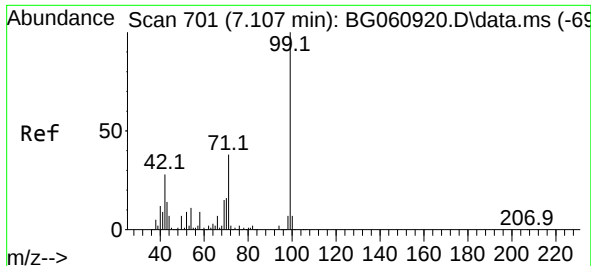
Tgt Ion:152 Resp: 44870
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 146.498 ng
RT: 5.529 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion:112 Resp: 378437
Ion Ratio Lower Upper
112 100
64 70.7 58.9 88.3
63 40.5 32.1 48.1

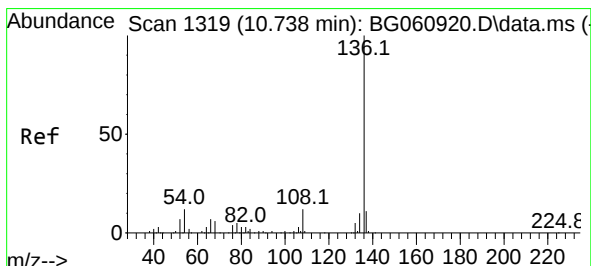
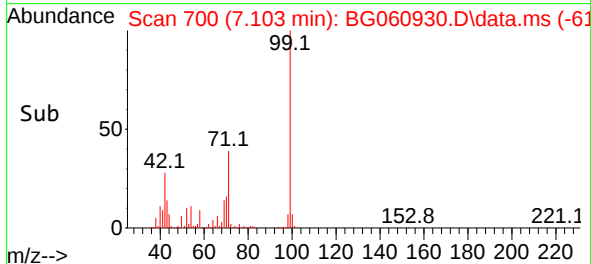
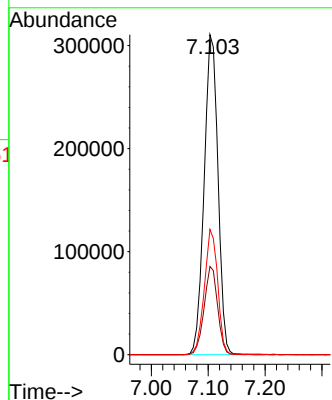
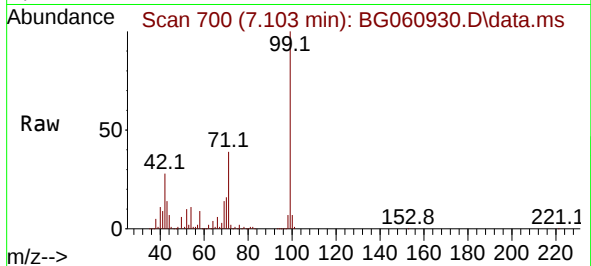




#7
Phenol-d6
Concen: 141.027 ng
RT: 7.103 min Scan# 701
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

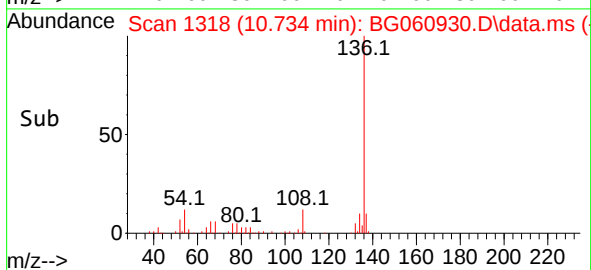
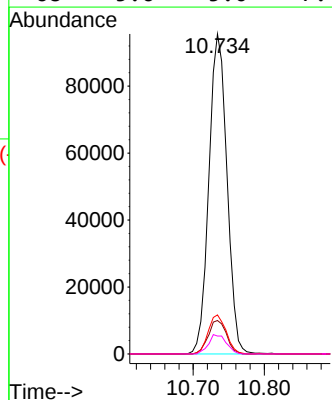
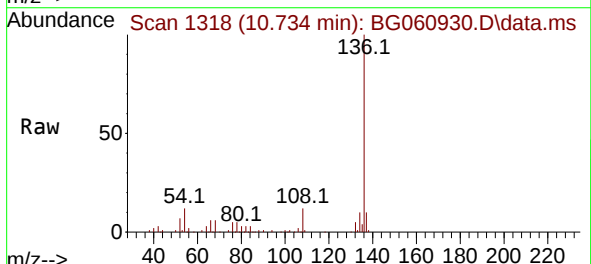
Instrument :
BNA_G
ClientSampleId :
PB160120BL

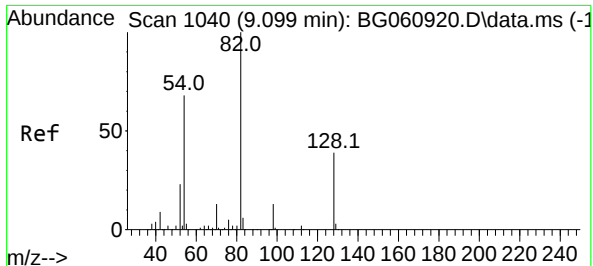
Tgt Ion: 99 Resp: 524810
Ion Ratio Lower Upper
99 100
42 27.6 22.2 33.2
71 39.2 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 136 Resp: 168842
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 12.2 9.8 14.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.495 ng

RT: 9.095 min Scan# 1040

Delta R.T. -0.004 min

Lab File: BG060930.D

Acq: 18 Apr 2024 10:20

Instrument :

BNA_G

ClientSampleId :

PB160120BL

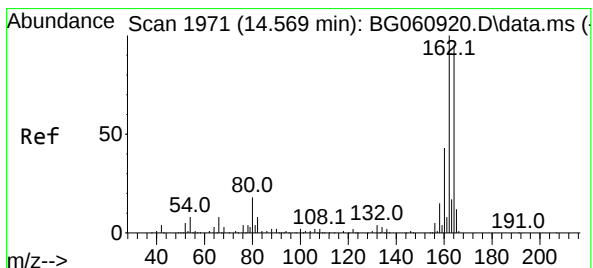
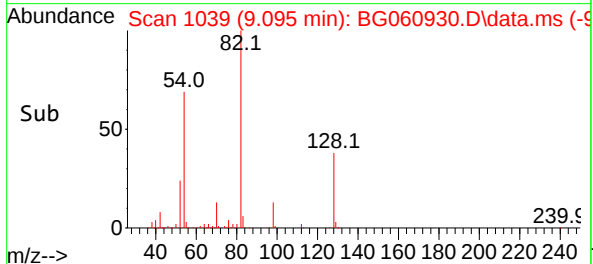
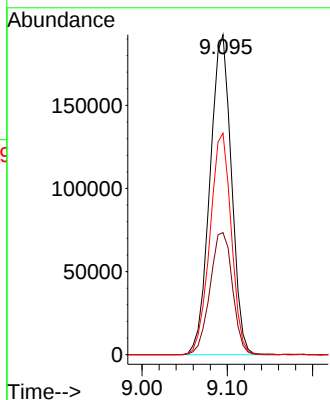
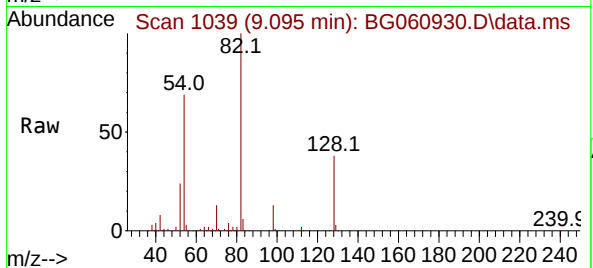
Tgt Ion: 82 Resp: 336567

Ion Ratio Lower Upper

82 100

128 38.1 31.4 47.0

54 69.2 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1970

Delta R.T. -0.004 min

Lab File: BG060930.D

Acq: 18 Apr 2024 10:20

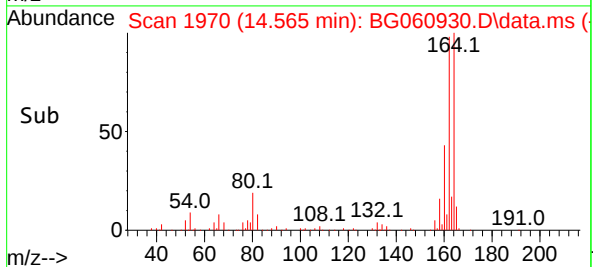
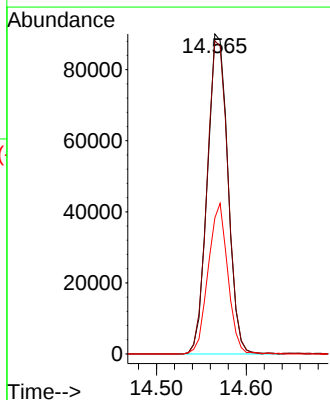
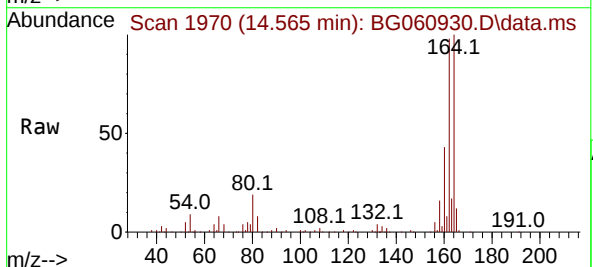
Tgt Ion: 164 Resp: 142662

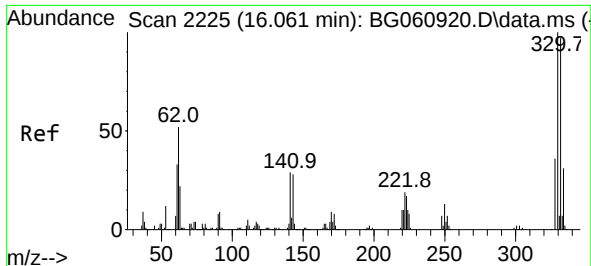
Ion Ratio Lower Upper

164 100

162 97.9 84.1 126.1

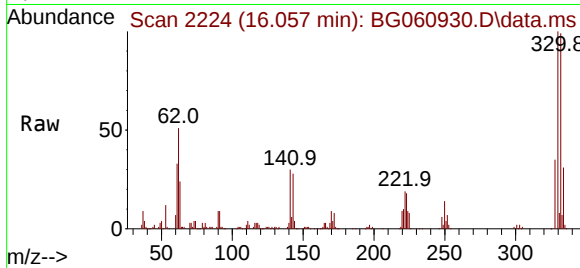
160 42.5 35.9 53.9



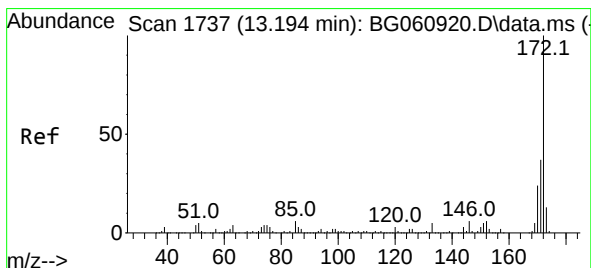
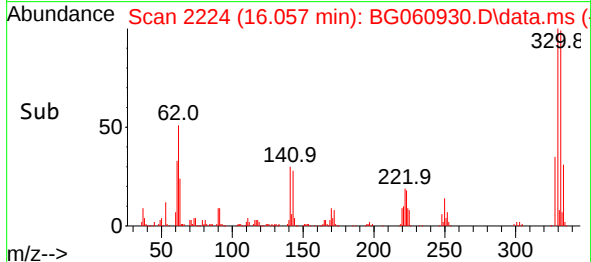
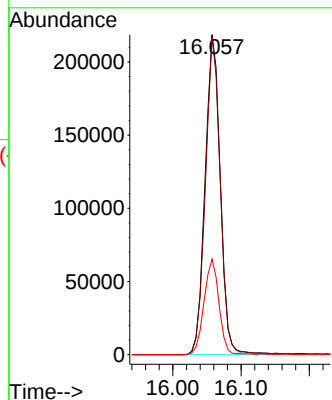


#42
2,4,6-Tribromophenol
Concen: 144.397 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Instrument :
BNA_G
ClientSampleId :
PB160120BL

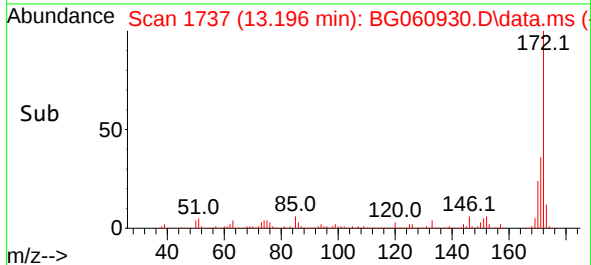
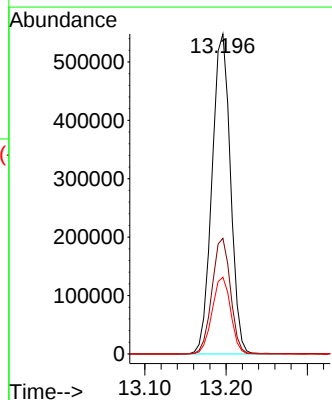
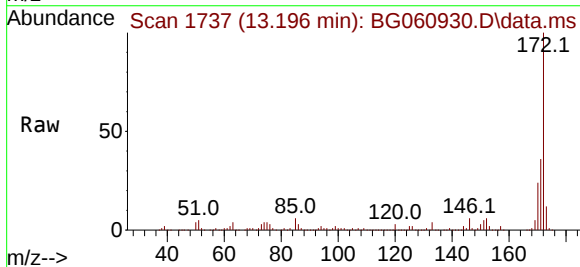


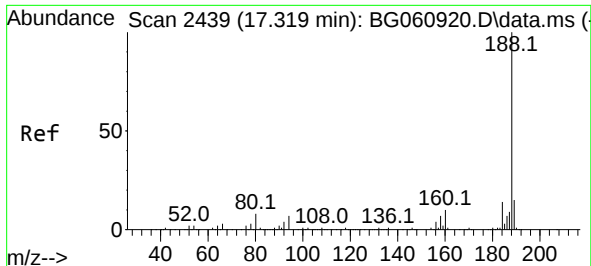
Tgt Ion:330 Resp: 340319
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 29.2 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 88.921 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion:172 Resp: 864458
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.0 19.5 29.3

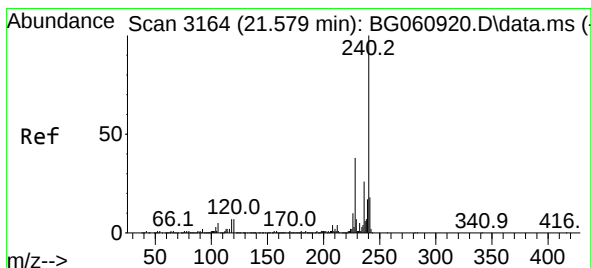
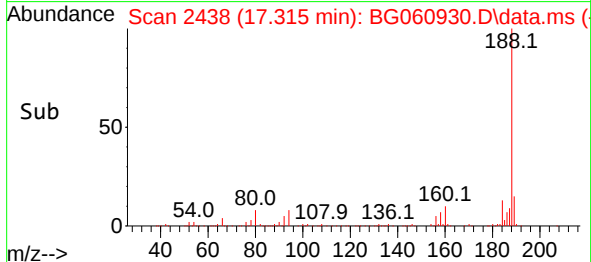
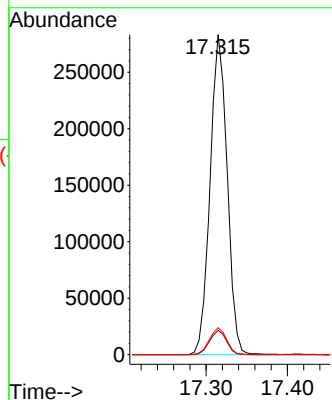
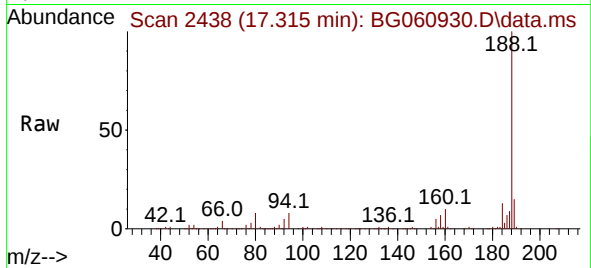




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

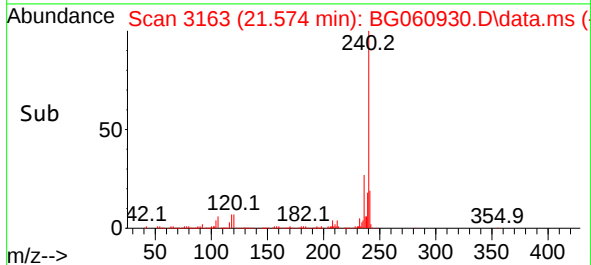
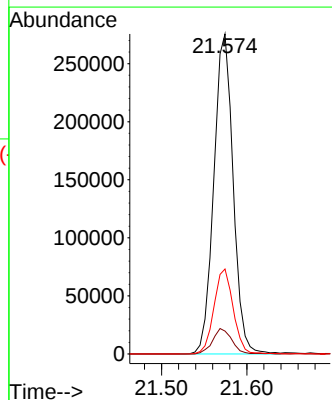
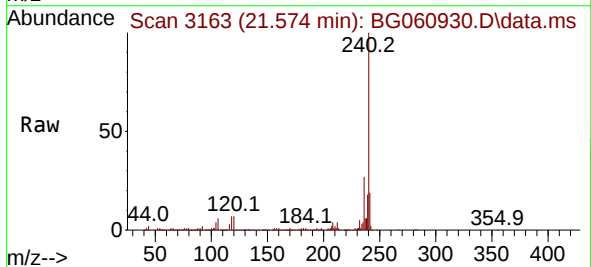
Instrument :
BNA_G
ClientSampleId :
PB160120BL

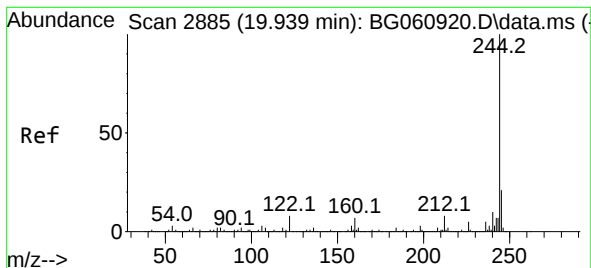
Tgt Ion:188 Resp: 413080
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion:240 Resp: 433614
Ion Ratio Lower Upper
240 100
120 7.2 5.7 8.5
236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 86.560 ng

RT: 19.941 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060930.D

Acq: 18 Apr 2024 10:20

Instrument :

BNA_G

ClientSampleId :

PB160120BL

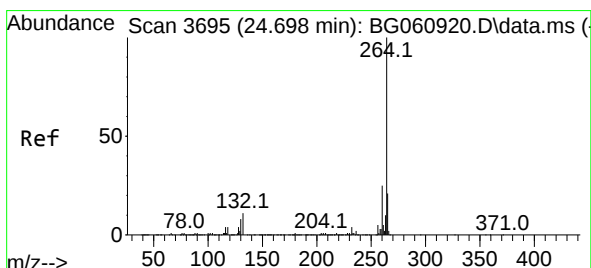
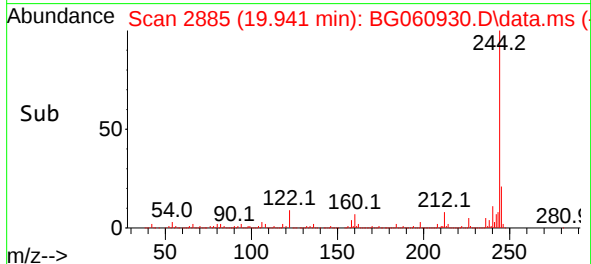
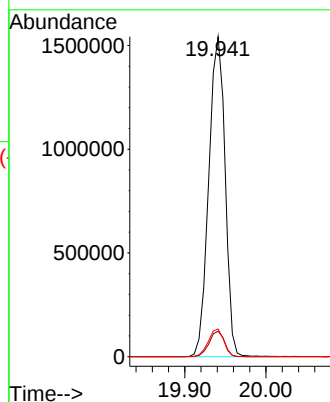
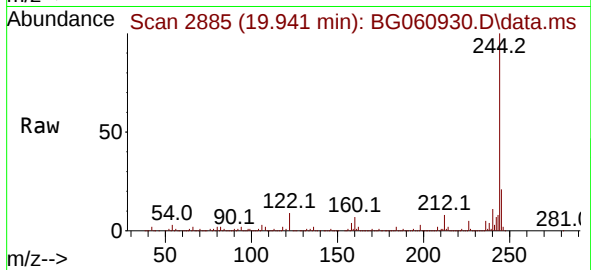
Tgt Ion:244 Resp: 2150637

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 8.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.694 min Scan# 3694

Delta R.T. -0.004 min

Lab File: BG060930.D

Acq: 18 Apr 2024 10:20

Tgt Ion:264 Resp: 502308

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.7 16.6 25.0

