

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060961.D
Acq On : 19 Apr 2024 16:14
Operator : MA/JU
Sample : P2189-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YARD-2

Quant Time: Apr 19 17:12:52 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	7.941	152	28885	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	119035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	94732	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	212192	20.000	ng	# 0.00
76) Chrysene-d12	21.572	240	205581	20.000	ng	# 0.00
86) Perylene-d12	24.692	264	254597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	196772	118.327	ng	0.00
7) Phenol-d6	7.113	99	262305	109.494	ng	0.00
23) Nitrobenzene-d5	9.093	82	189914	72.430	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	220572	140.940	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	506418	78.447	ng	0.00
79) Terphenyl-d14	19.939	244	960159	81.511	ng	0.00

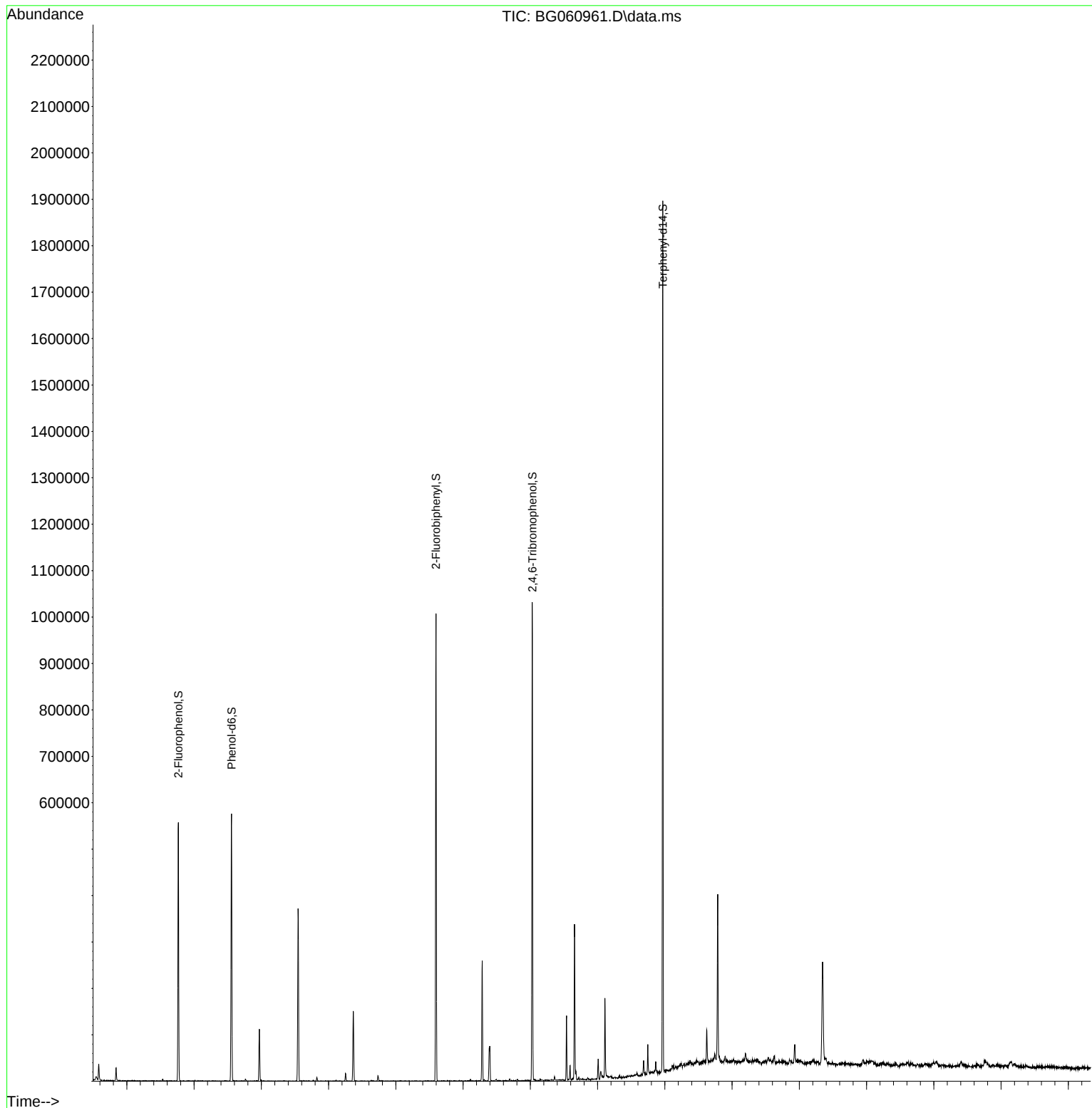
Target Compounds Qvalue

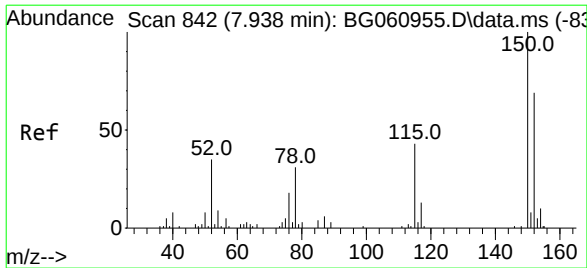
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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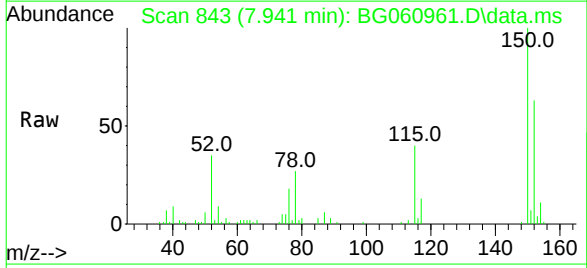
Quant Time: Apr 19 17:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
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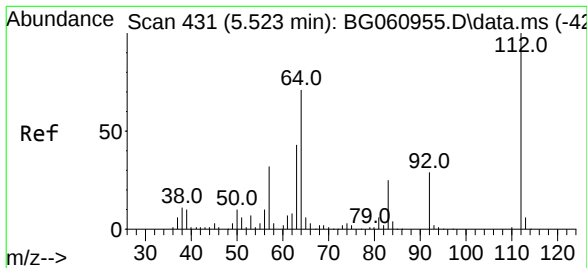
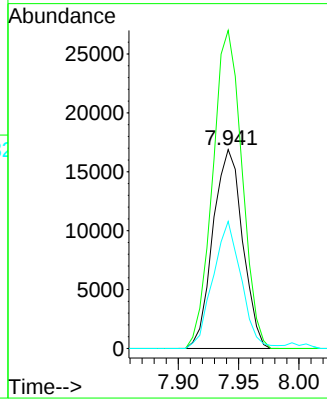
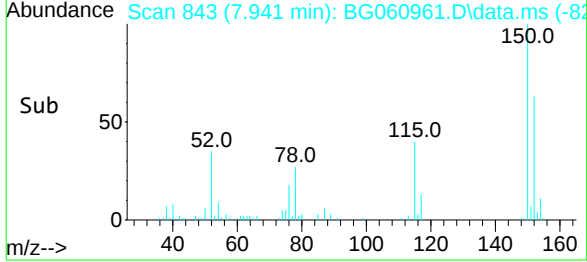


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

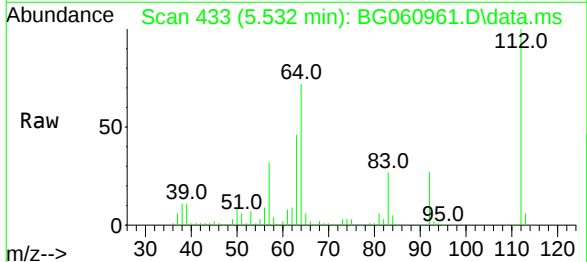
Instrument :
BNA_G
ClientSampleId :
YARD-2



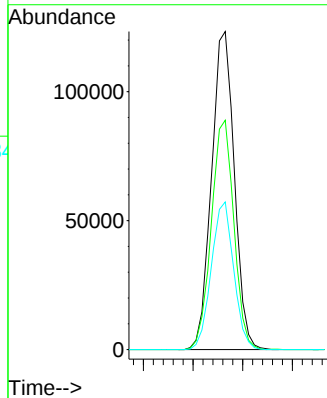
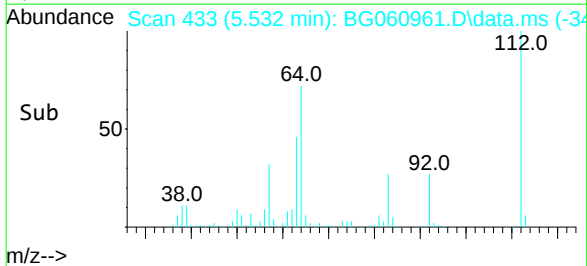
Tgt Ion:152 Resp: 28885
Ion Ratio Lower Upper
152 100
150 159.9 125.6 188.4
115 63.9 47.1 70.7

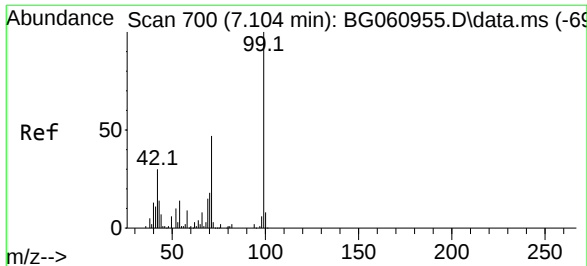


#5
2-Fluorophenol
Concen: 118.327 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14



Tgt Ion:112 Resp: 196772
Ion Ratio Lower Upper
112 100
64 72.1 58.9 88.3
63 46.4 32.1 48.1

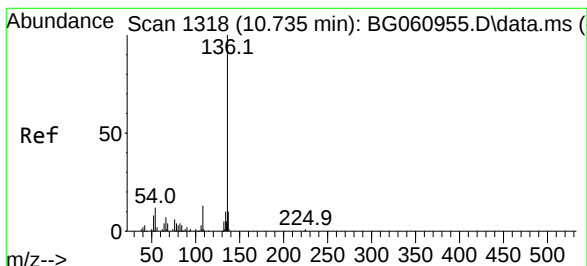
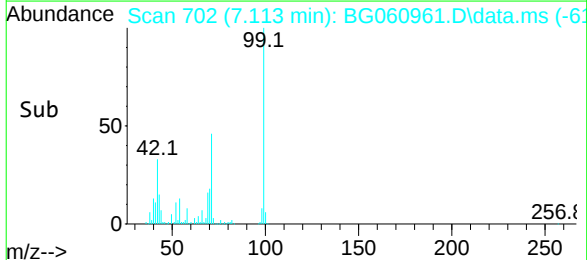
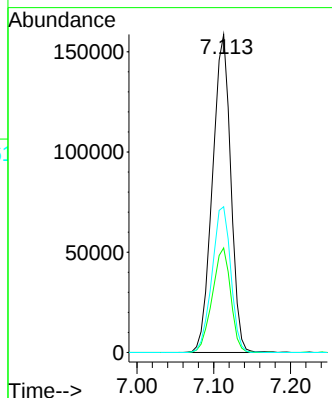
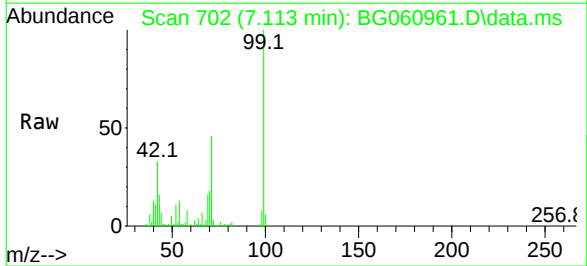




#7
Phenol-d6
Concen: 109.494 ng
RT: 7.113 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

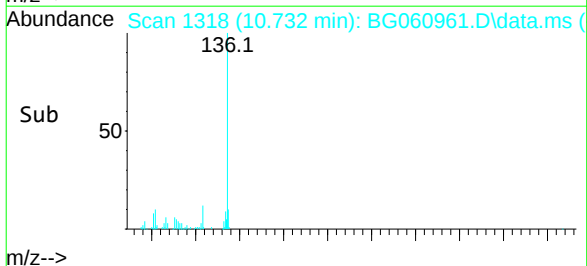
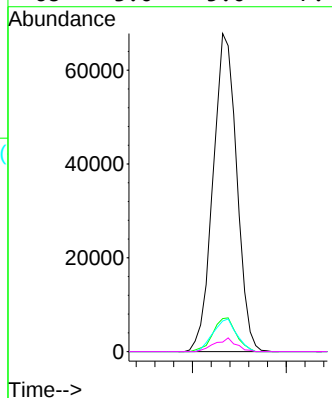
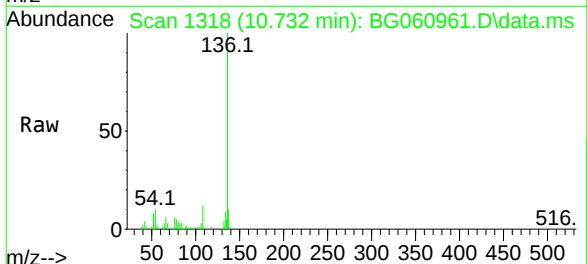
Instrument :
BNA_G
ClientSampleId :
YARD-2

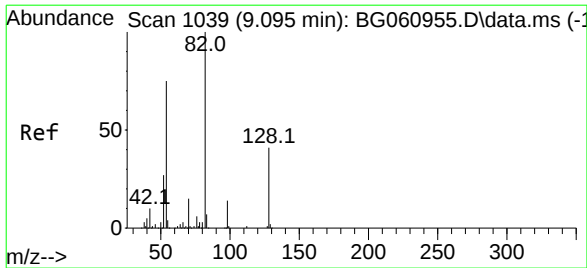
Tgt Ion	Ratio	Lower	Upper
99	100		
42	32.9	22.2	33.2
71	45.8	30.5	45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.6	9.8	14.8
68	3.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 72.430 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

Instrument :

BNA_G

ClientSampleId :

YARD-2

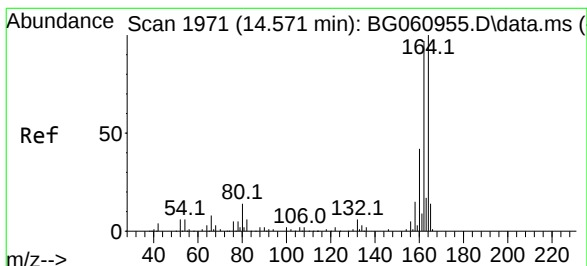
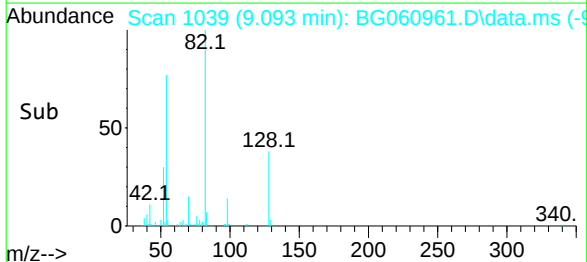
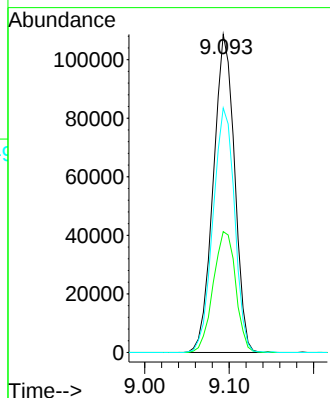
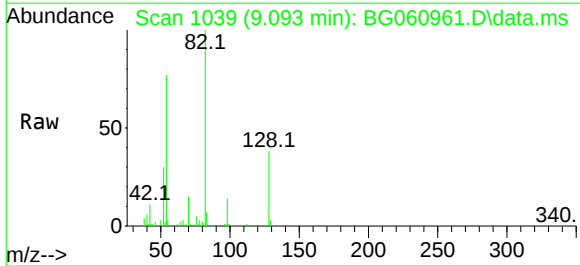
Tgt Ion: 82 Resp: 189914

Ion Ratio Lower Upper

82 100

128 38.0 31.4 47.0

54 76.9 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

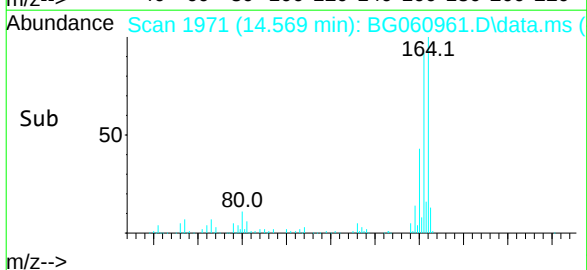
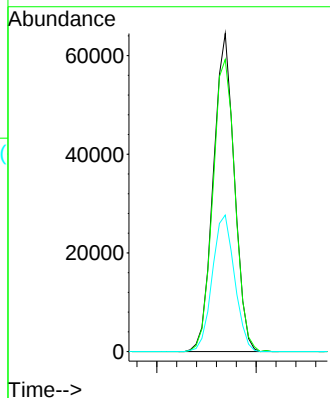
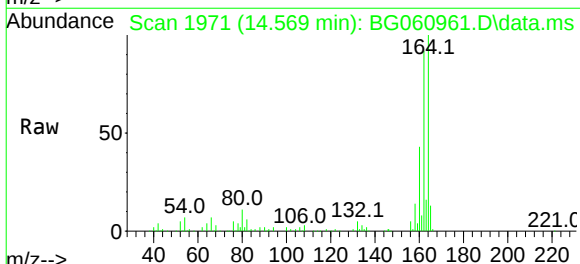
Tgt Ion: 164 Resp: 94732

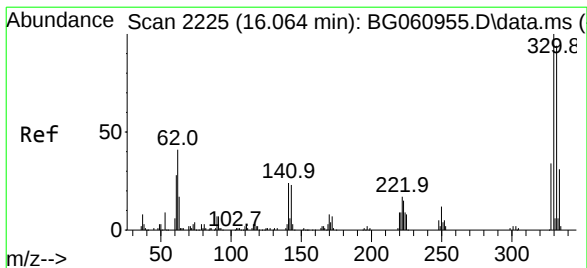
Ion Ratio Lower Upper

164 100

162 91.9 84.1 126.1

160 42.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 140.940 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.000 min

Lab File: BG060961.D

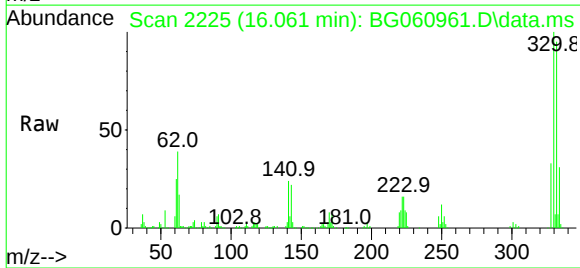
Acq: 19 Apr 2024 16:14

Instrument :

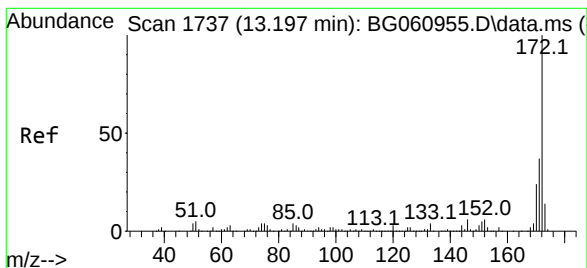
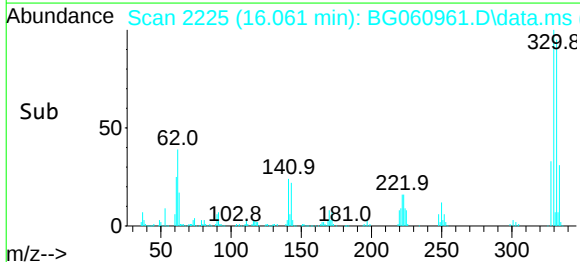
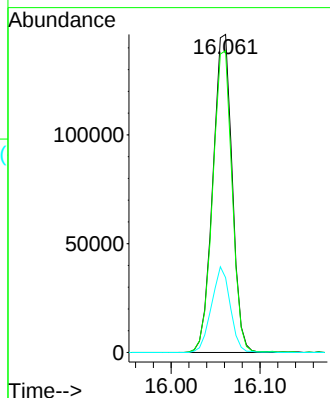
BNA_G

ClientSampleId :

YARD-2



Tgt Ion:	330	Resp:	220572
Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	26.3	23.7	35.5



#45

2-Fluorobiphenyl

Concen: 78.447 ng

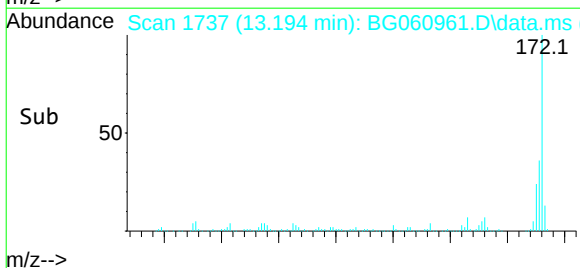
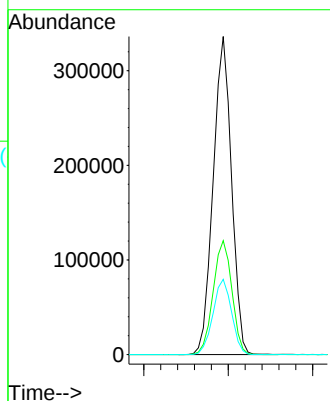
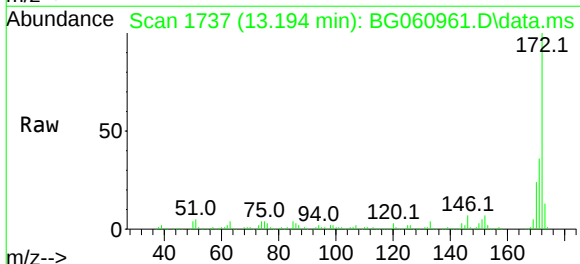
RT: 13.194 min Scan# 1737

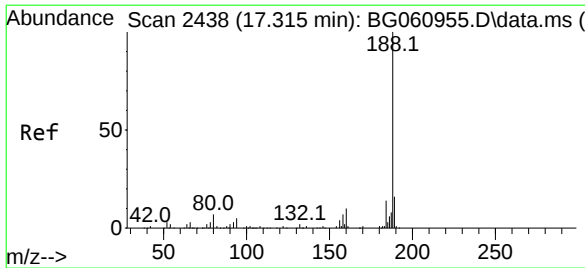
Delta R.T. -0.000 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

Tgt Ion:	172	Resp:	506418
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.7	19.5	29.3

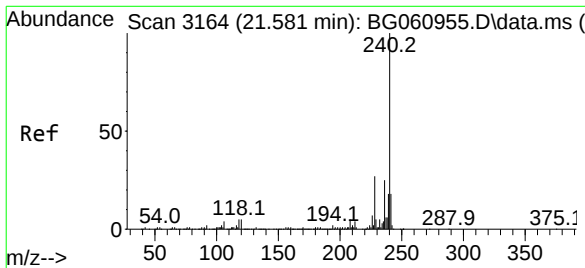
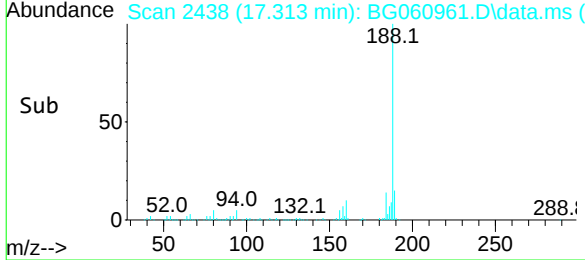
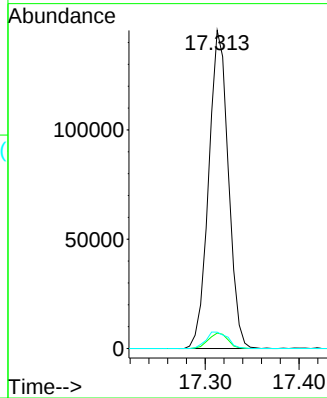
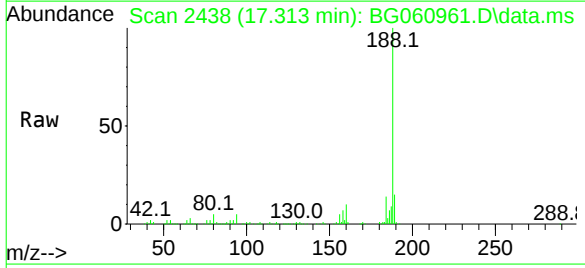




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

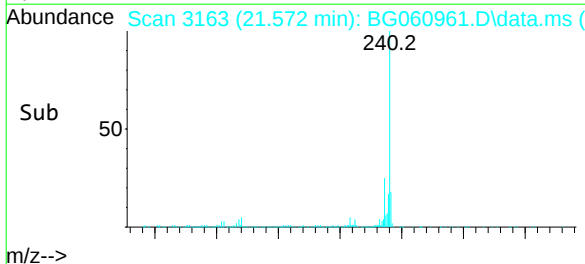
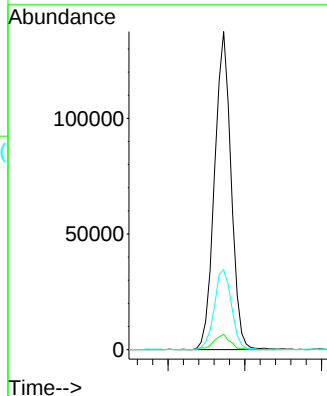
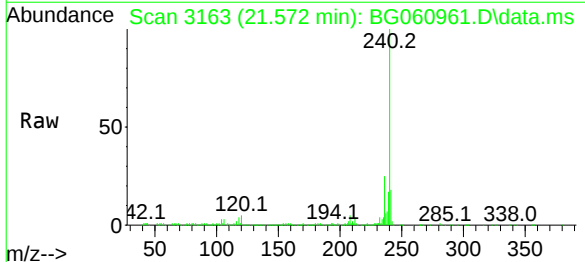
Instrument :
BNA_G
ClientSampleId :
YARD-2

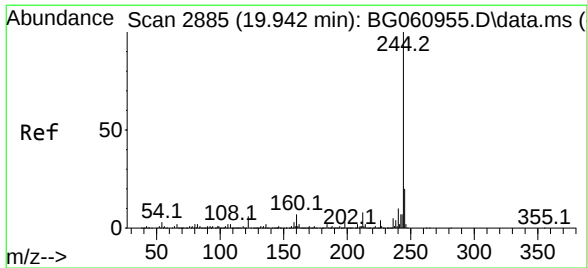
Tgt Ion:188 Resp: 212192
Ion Ratio Lower Upper
188 100
94 4.9 5.7 8.5#
80 5.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Tgt Ion:240 Resp: 205581
Ion Ratio Lower Upper
240 100
120 4.8 5.7 8.5#
236 25.1 21.1 31.7

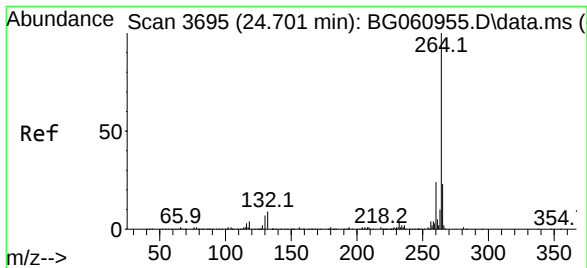
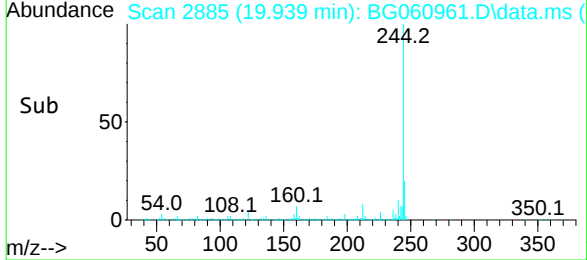
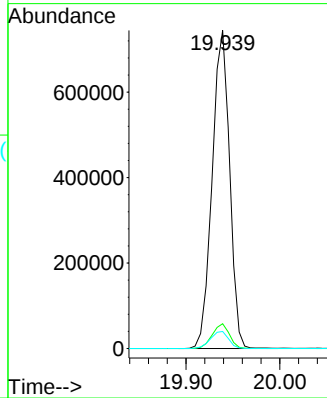
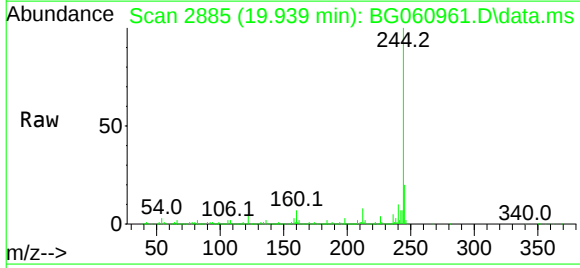




#79
 Terphenyl-d14
 Concen: 81.511 ng
 RT: 19.939 min Scan# 2885
 Delta R.T. -0.000 min
 Lab File: BG060961.D
 Acq: 19 Apr 2024 16:14

Instrument :
 BNA_G
 ClientSampleId :
 YARD-2

Tgt Ion:244 Resp: 960159
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 5.3 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.006 min
 Lab File: BG060961.D
 Acq: 19 Apr 2024 16:14

Tgt Ion:264 Resp: 254597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.9 16.6 25.0

