

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060900.D
 Acq On : 15 Apr 2024 12:19
 Operator : MA/JU
 Sample : PB160200BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

Quant Time: Apr 15 12:56:29 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	7.950	152	50620	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	202127	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	163407	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	428928	20.000	ng	-0.02
76) Chrysene-d12	21.587	240	431970	20.000	ng	-0.02
86) Perylene-d12	24.718	264	487899	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	374564	123.268	ng	0.00
7) Phenol-d6	7.116	99	510146	113.103	ng	0.00
23) Nitrobenzene-d5	9.101	82	335915	94.831	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	295150	159.116	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	833201	74.833	ng	-0.02
79) Terphenyl-d14	19.948	244	1827799	74.506	ng	-0.02

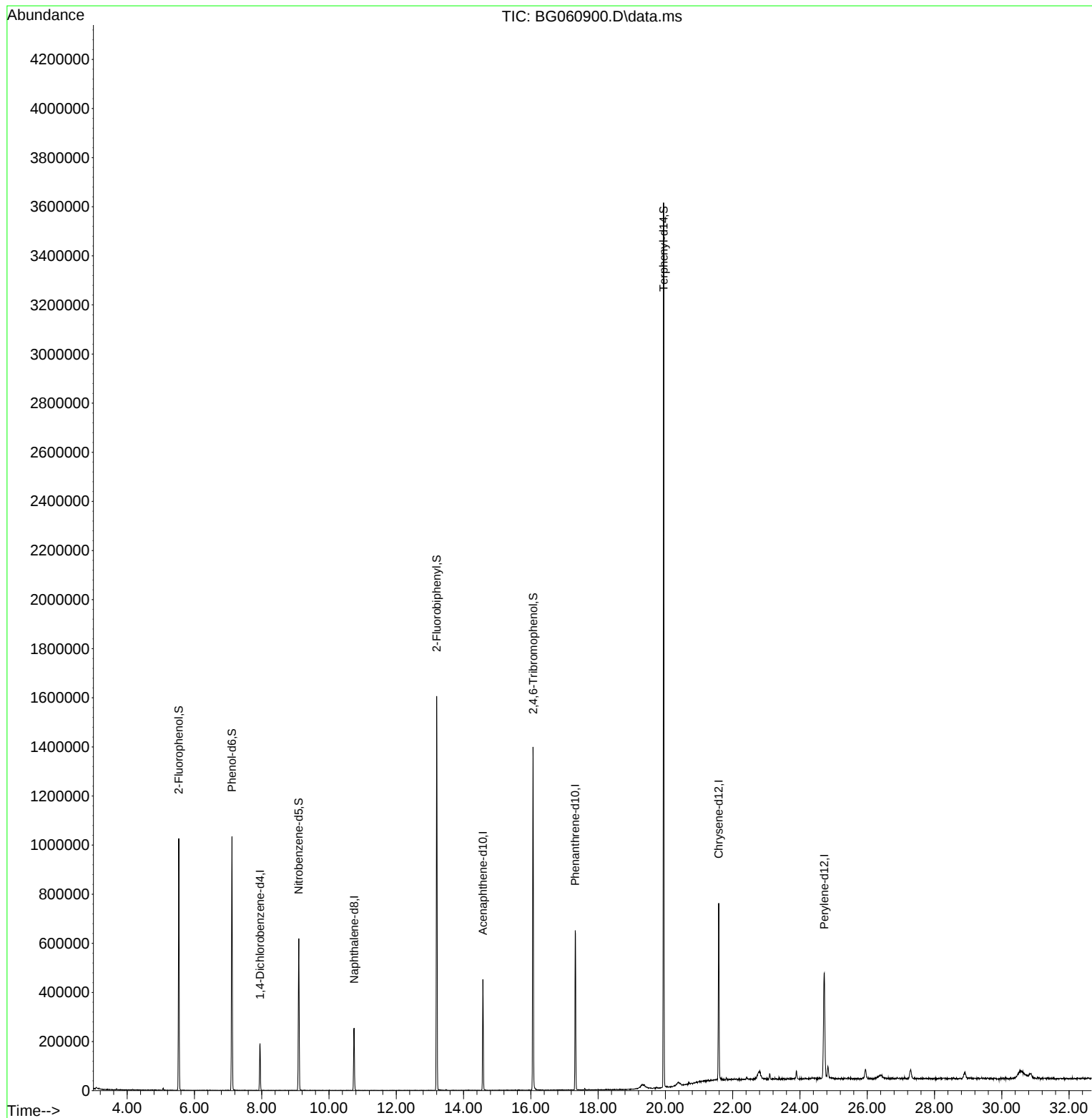
Target Compounds	Qvalue

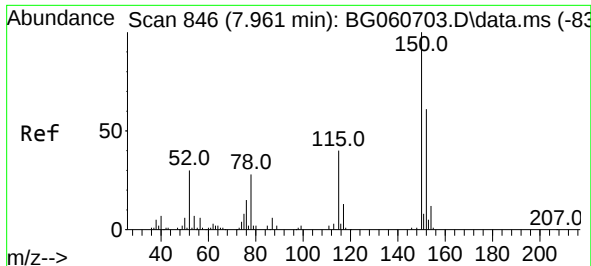
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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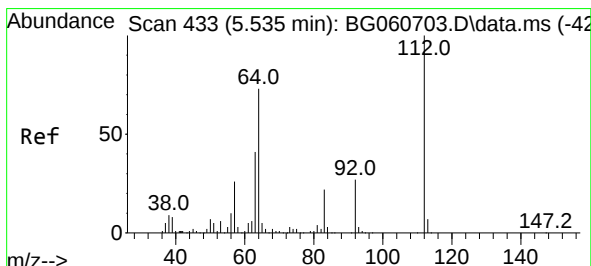
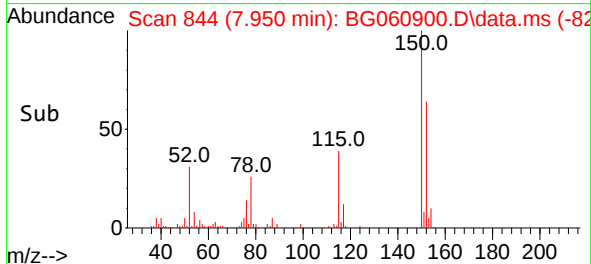
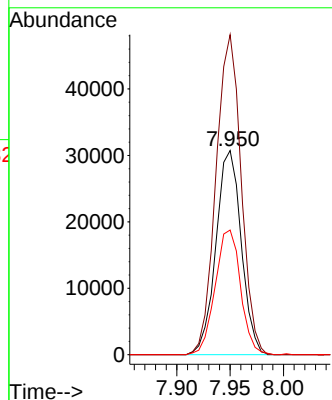
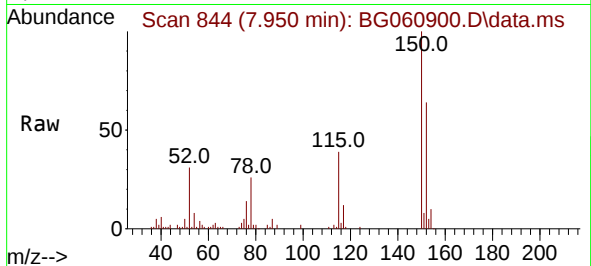




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

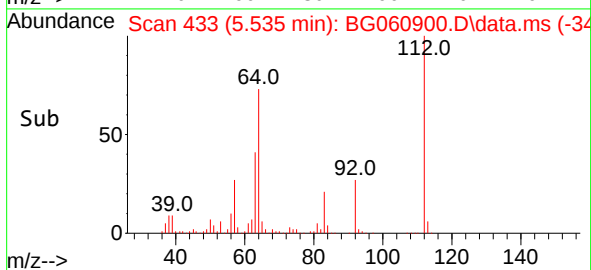
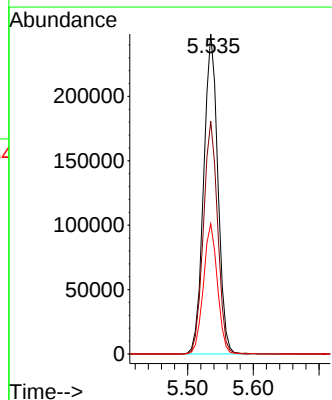
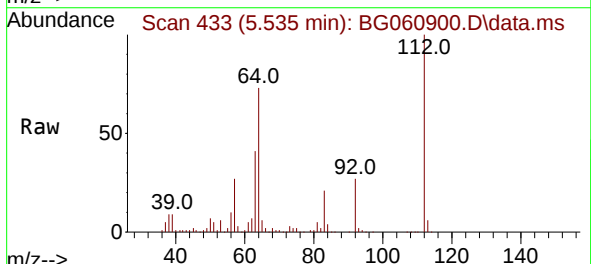
Instrument :
BNA_G
ClientSampleId :
PB160200BL

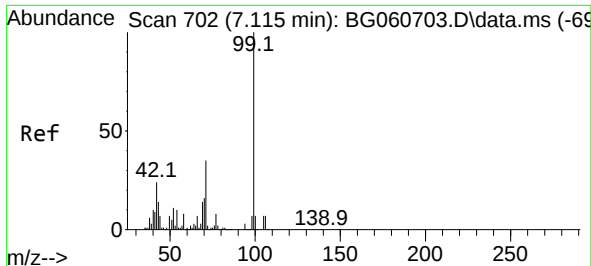
Tgt Ion:152 Resp: 50620
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.1 51.6 77.4



#5
2-Fluorophenol
Concen: 123.268 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:112 Resp: 374564
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 40.7 32.7 49.1

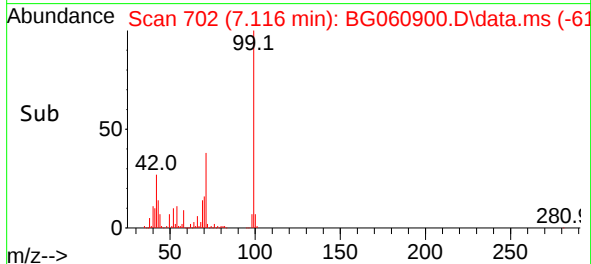
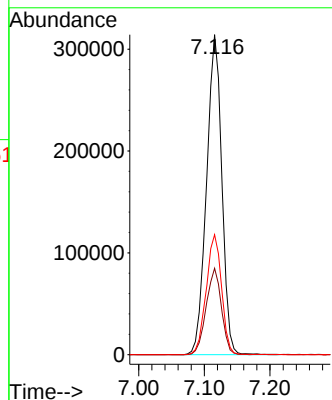
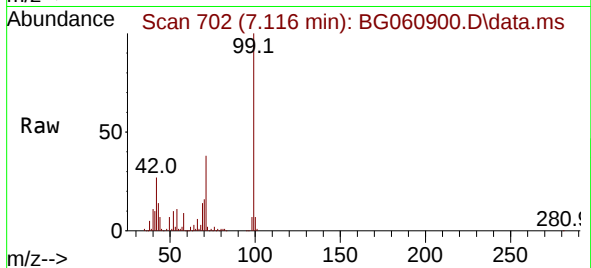




#7
Phenol-d6
Concen: 113.103 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

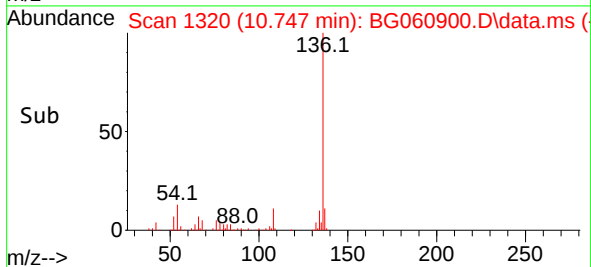
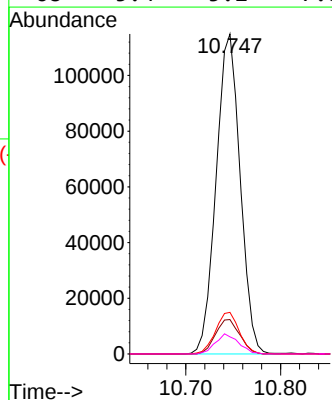
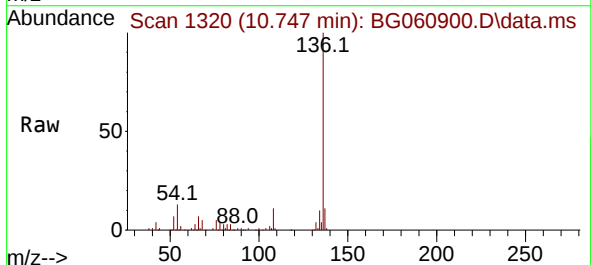
Instrument :
BNA_G
ClientSampleId :
PB160200BL

Tgt Ion: 99 Resp: 510146
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 37.5 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: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:136 Resp: 202127
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.0 10.2 15.2
68 5.4 5.2 7.8

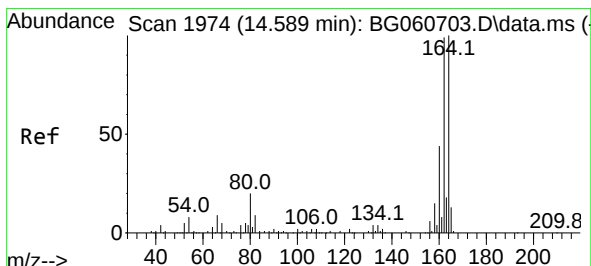
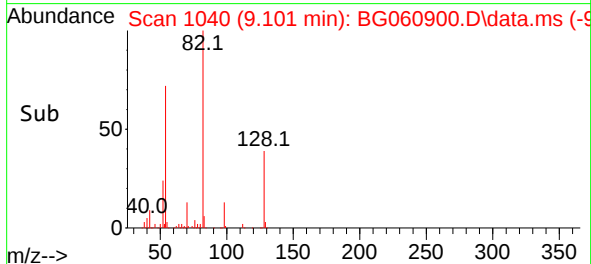
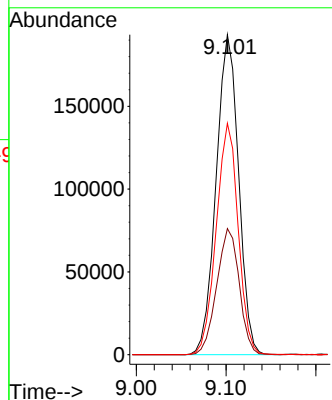
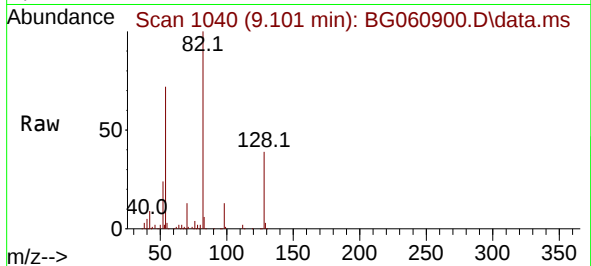




#23
Nitrobenzene-d5
Concen: 94.831 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

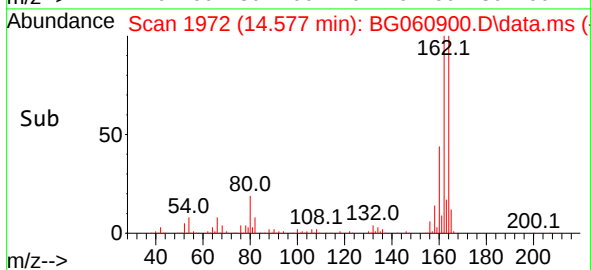
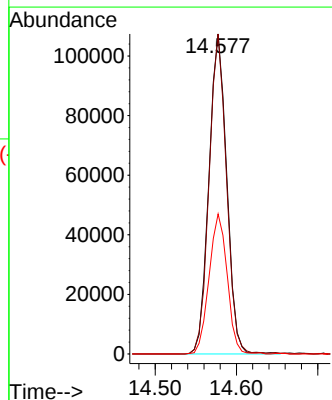
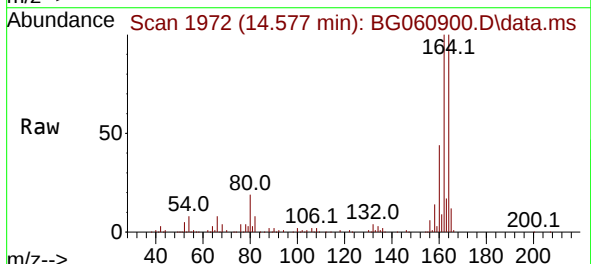
Instrument :
BNA_G
ClientSampleId :
PB160200BL

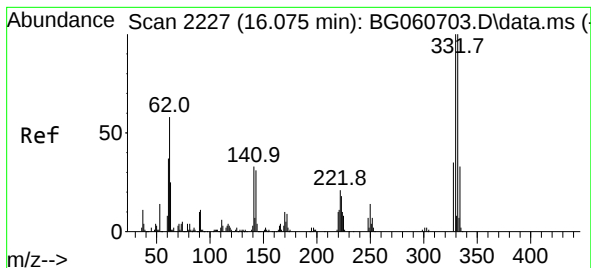
Tgt Ion: 82 Resp: 335915
Ion Ratio Lower Upper
82 100
128 39.4 31.2 46.8
54 72.3 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

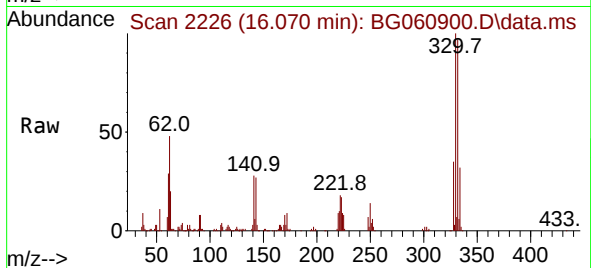
Tgt Ion:164 Resp: 163407
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.8 35.4 53.0



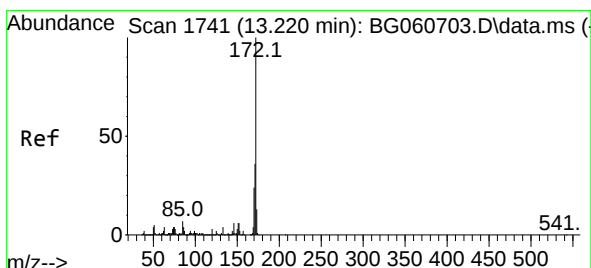
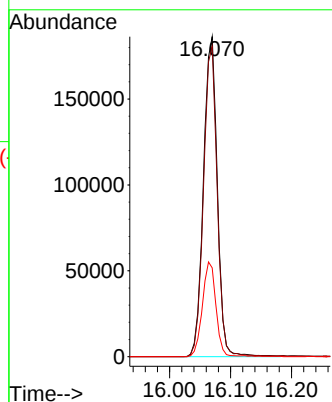
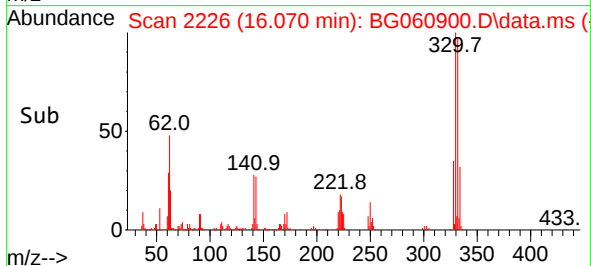


#42
2,4,6-Tribromophenol
Concen: 159.116 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Instrument :
BNA_G
ClientSampleId :
PB160200BL

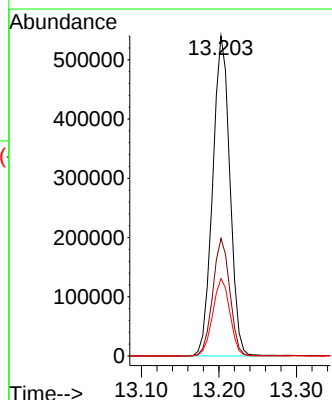
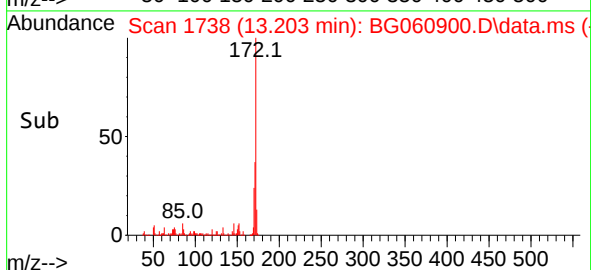
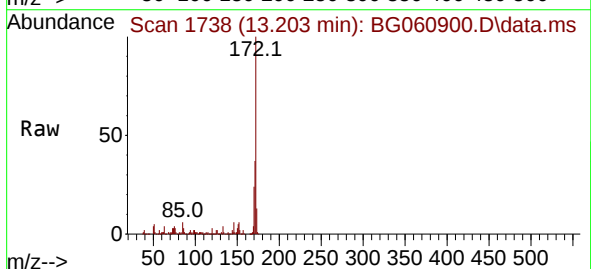


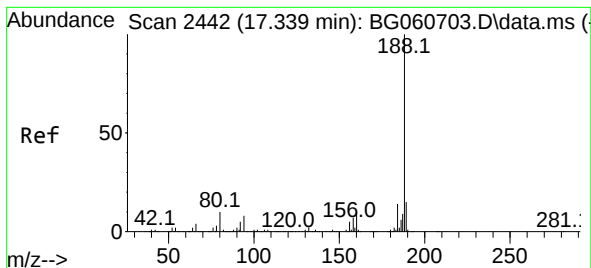
Tgt Ion:330 Resp: 295150
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 29.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 74.833 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:172 Resp: 833201
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.017 min

Lab File: BG060900.D

Acq: 15 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

PB160200BL

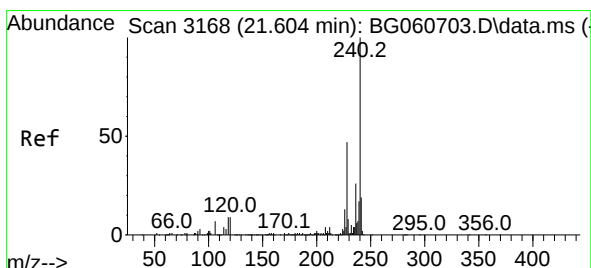
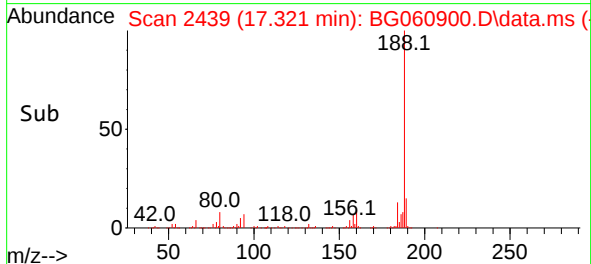
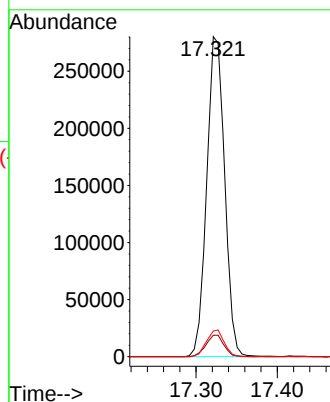
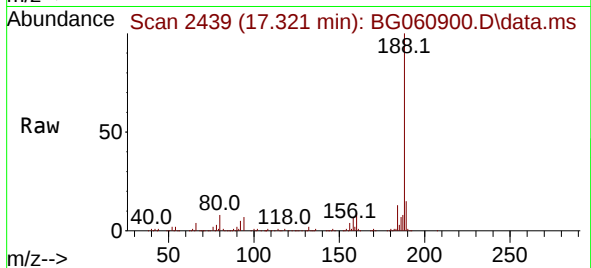
Tgt Ion:188 Resp: 428928

Ion Ratio Lower Upper

188 100

94 6.7 6.6 9.8

80 8.0 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: BG060900.D

Acq: 15 Apr 2024 12:19

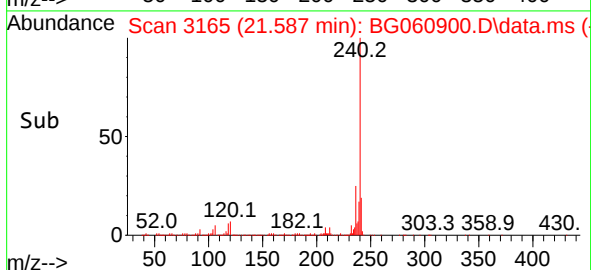
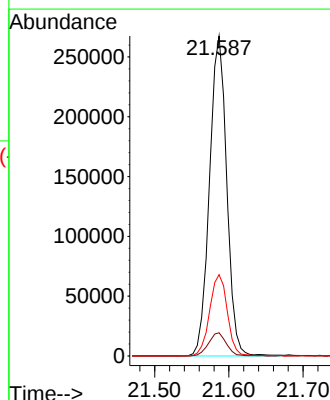
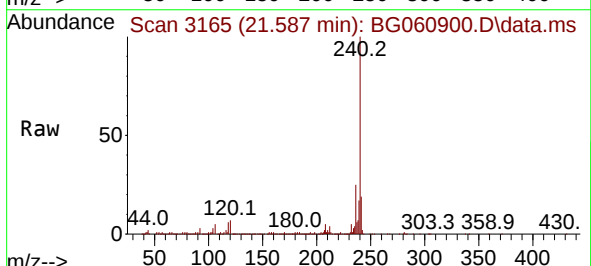
Tgt Ion:240 Resp: 431970

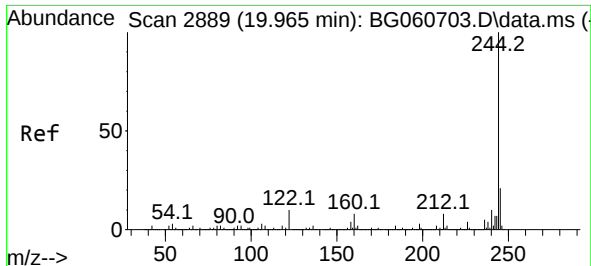
Ion Ratio Lower Upper

240 100

120 7.3 7.1 10.7

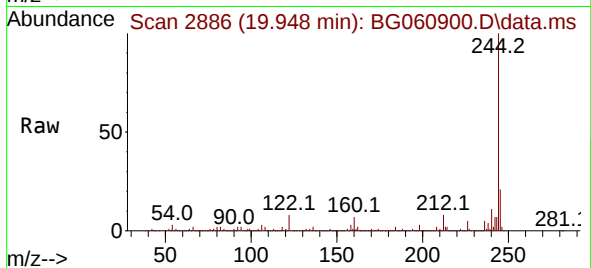
236 25.4 20.7 31.1





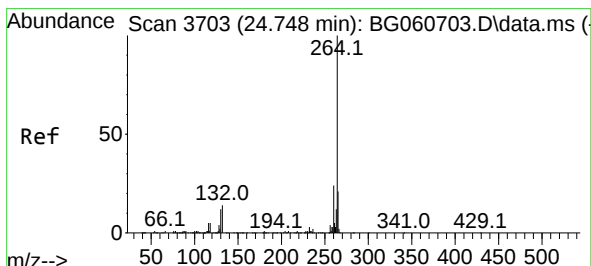
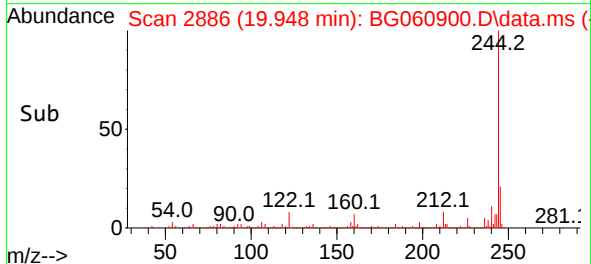
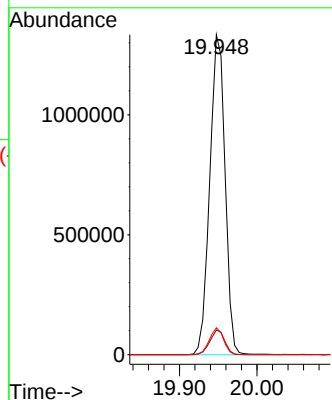
#79
 Terphenyl-d14
 Concen: 74.506 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG060900.D
 Acq: 15 Apr 2024 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL



Tgt Ion:244 Resp: 1827799

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.4	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.718 min Scan# 3698
 Delta R.T. -0.029 min
 Lab File: BG060900.D
 Acq: 15 Apr 2024 12:19

Tgt Ion:264 Resp: 487899

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.4	16.9	25.3

