

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060888.D
 Acq On : 13 Apr 2024 11:04
 Operator : MA/JU
 Sample : PB160200BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

Quant Time: Apr 15 01:14:16 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	7.949	152	36179	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	144207	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	125400	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	366735	20.000	ng	0.00
76) Chrysene-d12	21.592	240	350078	20.000	ng	-0.01
86) Perylene-d12	24.735	264	399072	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	260308	119.861	ng	0.00
7) Phenol-d6	7.115	99	373964	116.004	ng	0.00
23) Nitrobenzene-d5	9.107	82	229702	90.891	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	259207	182.092	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	638671	74.747	ng	-0.01
79) Terphenyl-d14	19.953	244	1569508	78.944	ng	-0.01

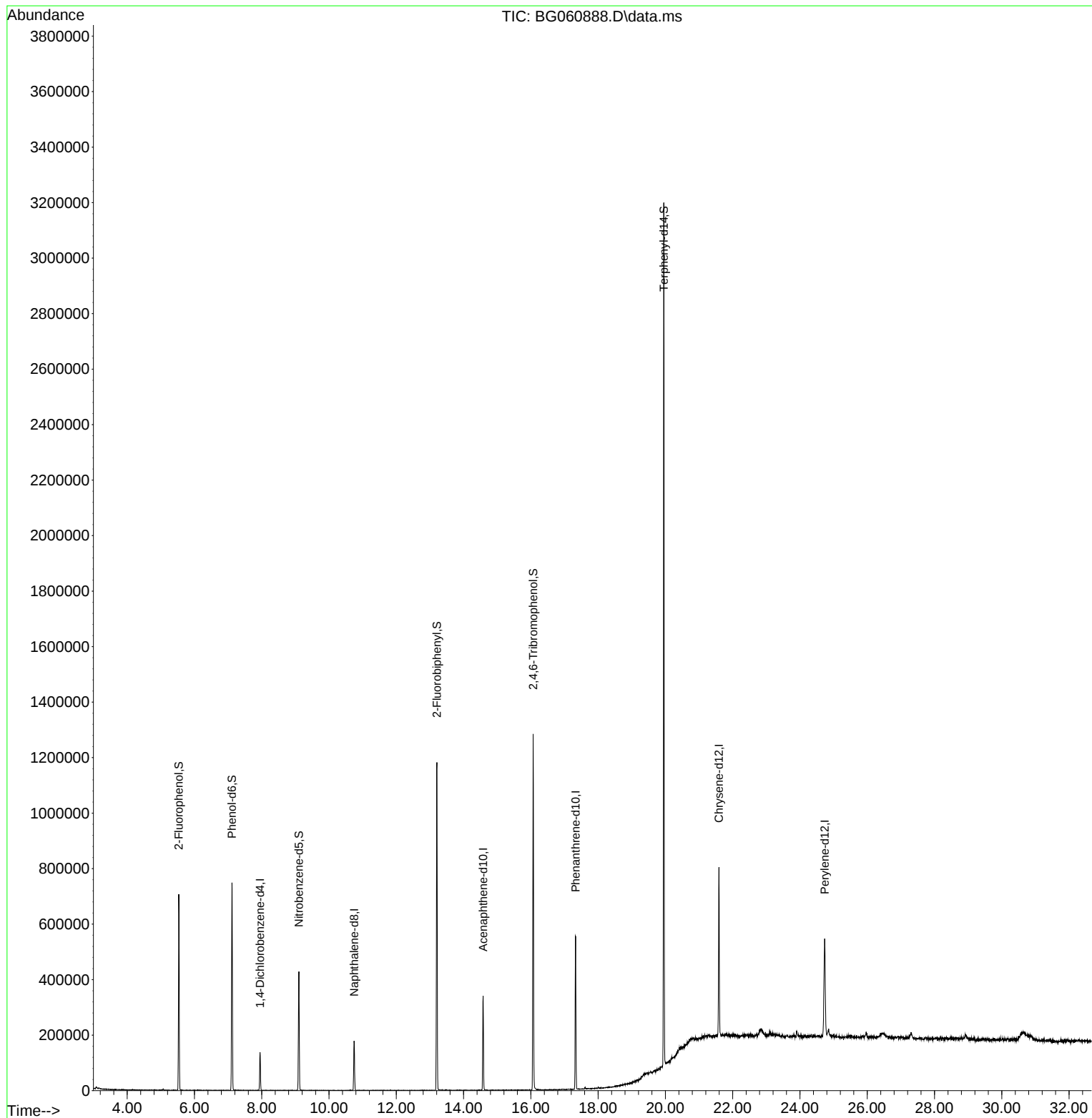
Target Compounds	Qvalue

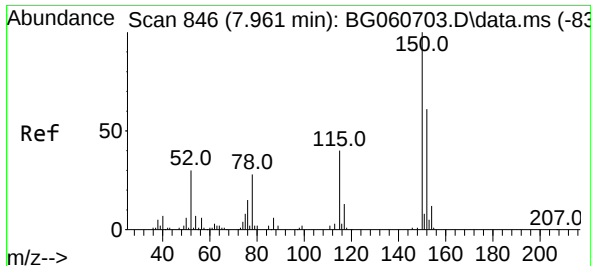
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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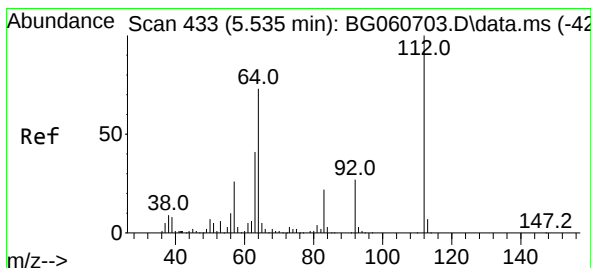
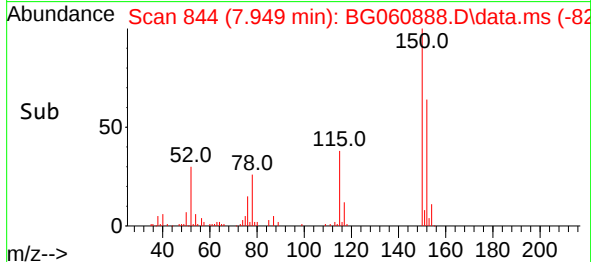
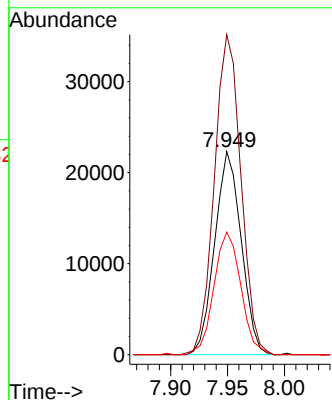
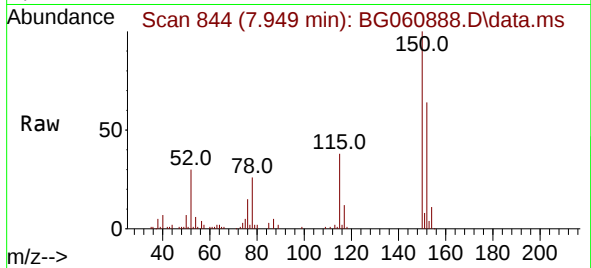




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.949 min Scan# 846
 Delta R.T. -0.012 min
 Lab File: BG060888.D
 Acq: 13 Apr 2024 11:04

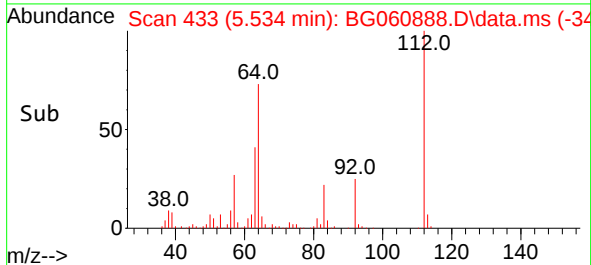
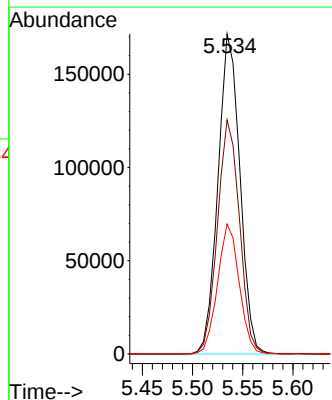
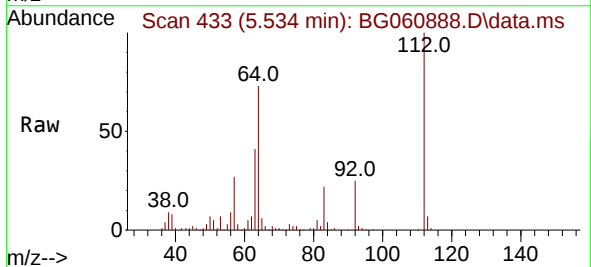
Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

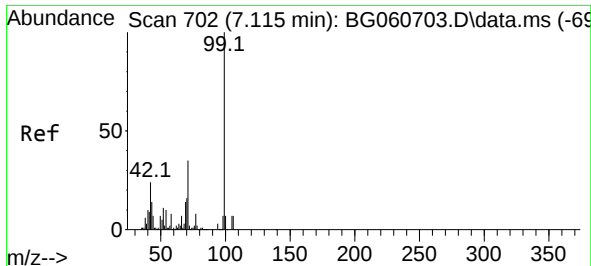
Tgt Ion:152 Resp: 36179
 Ion Ratio Lower Upper
 152 100
 150 157.4 130.2 195.4
 115 60.3 51.6 77.4



#5
 2-Fluorophenol
 Concen: 119.861 ng
 RT: 5.534 min Scan# 433
 Delta R.T. -0.000 min
 Lab File: BG060888.D
 Acq: 13 Apr 2024 11:04

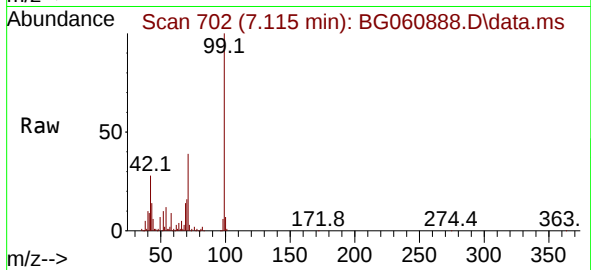
Tgt Ion:112 Resp: 260308
 Ion Ratio Lower Upper
 112 100
 64 73.1 58.4 87.6
 63 40.6 32.7 49.1





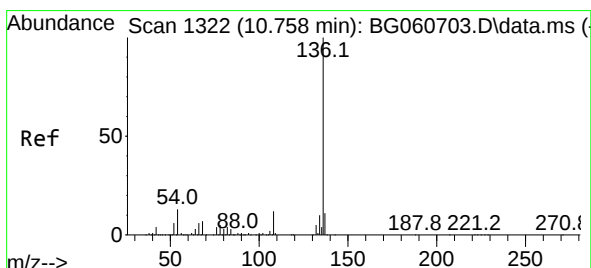
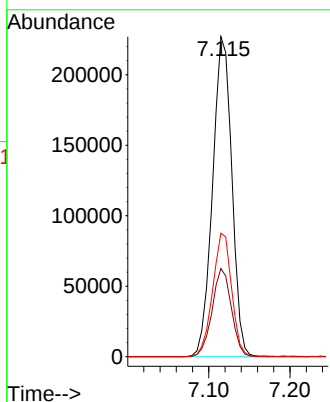
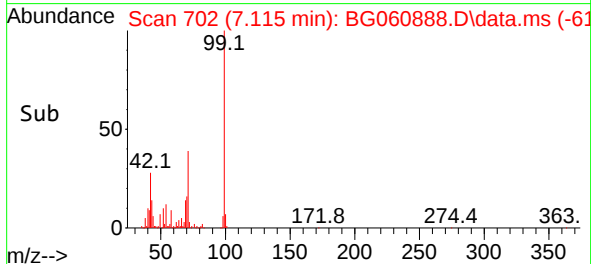
#7
Phenol-d6
Concen: 116.004 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :
PB160200BL

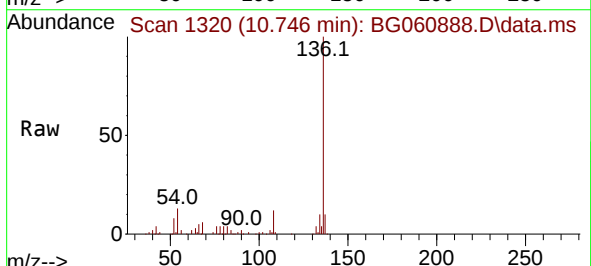


Tgt Ion: 99 Resp: 373964

Ion	Ratio	Lower	Upper
99	100		
42	27.5	19.4	29.2
71	38.6	28.2	42.2

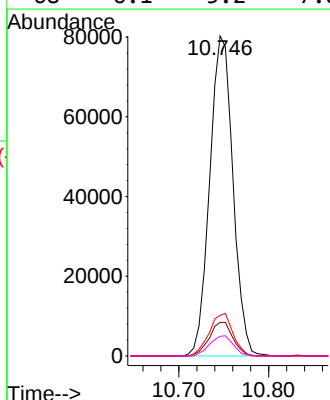
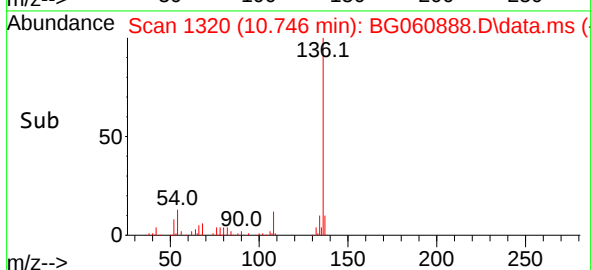


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04



Tgt Ion: 136 Resp: 144207

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.7	10.2	15.2
68	6.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 90.891 ng

RT: 9.107 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BG060888.D

Acq: 13 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

PB160200BL

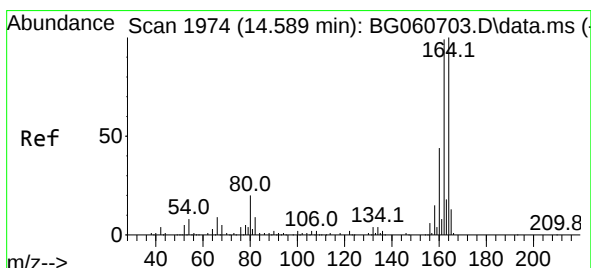
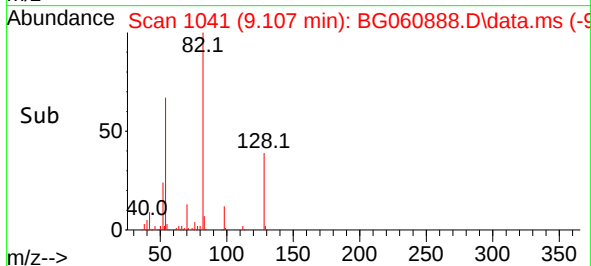
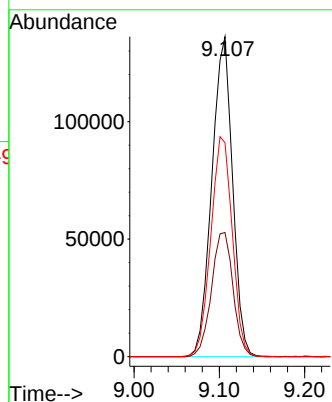
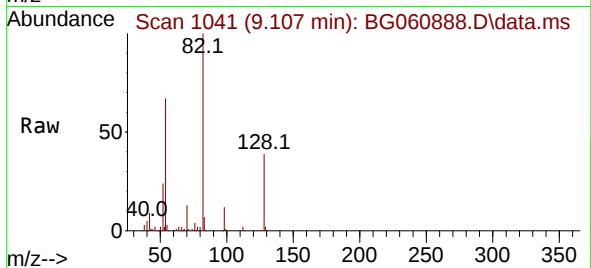
Tgt Ion: 82 Resp: 229702

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

54 66.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG060888.D

Acq: 13 Apr 2024 11:04

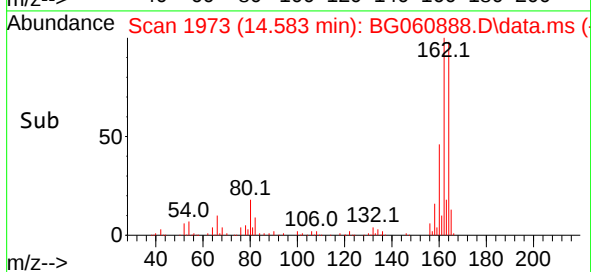
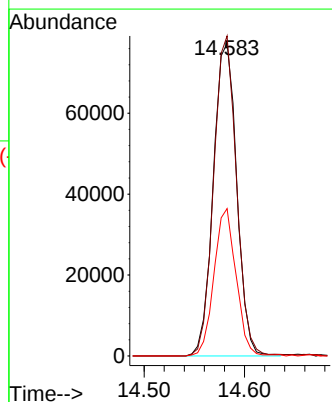
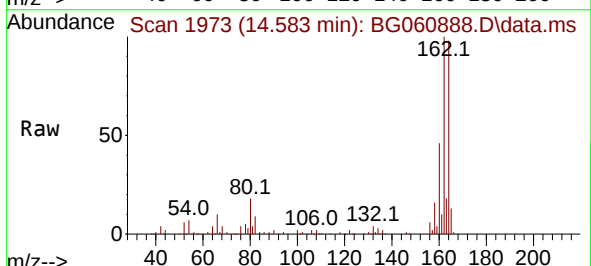
Tgt Ion: 164 Resp: 125400

Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

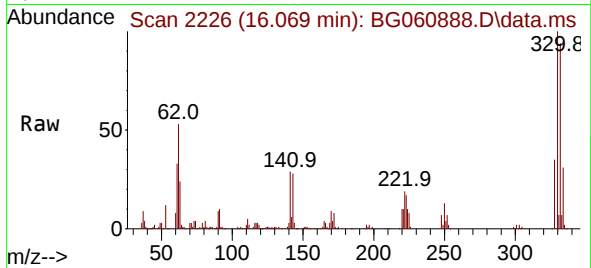
160 47.1 35.4 53.0



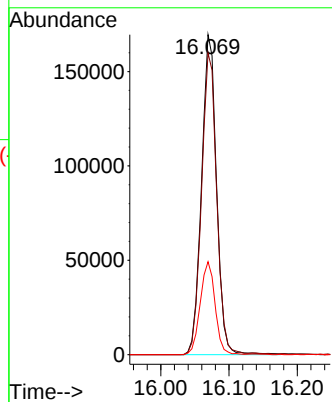
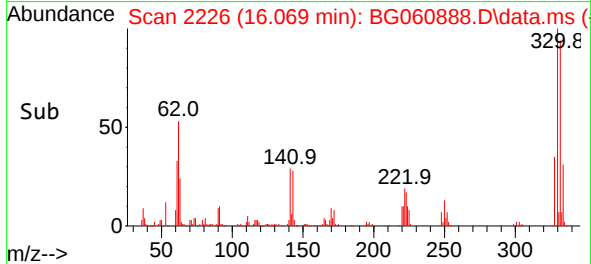


#42
2,4,6-Tribromophenol
Concen: 182.092 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

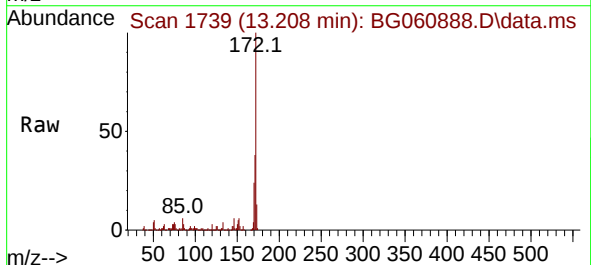
Instrument :
BNA_G
ClientSampleId :
PB160200BL



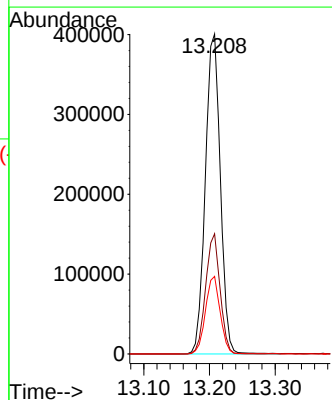
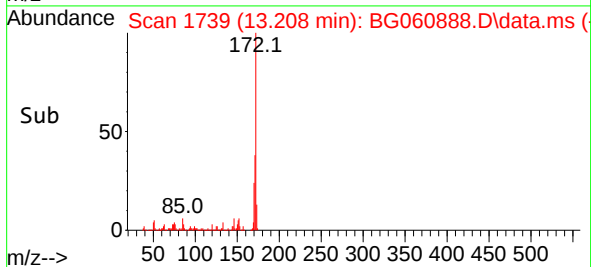
Tgt Ion:330 Resp: 259207
Ion Ratio Lower Upper
330 100
332 94.8 78.2 117.4
141 28.7 27.0 40.6

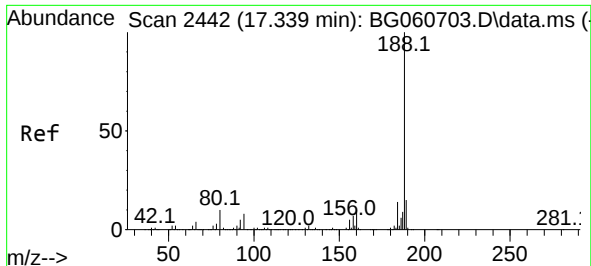


#45
2-Fluorobiphenyl
Concen: 74.747 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04



Tgt Ion:172 Resp: 638671
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 24.3 19.4 29.0

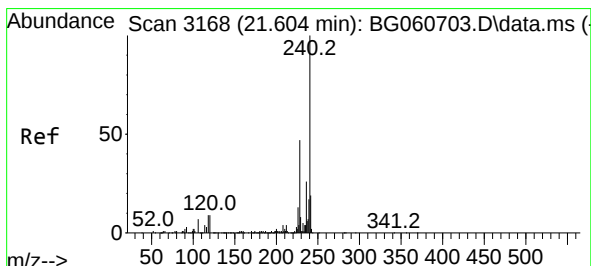
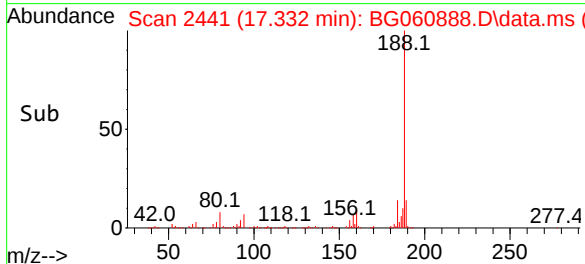
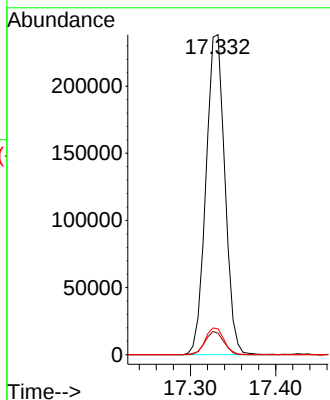
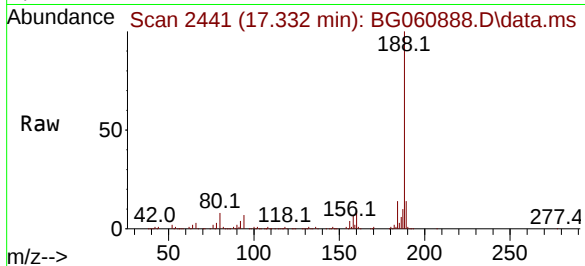




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

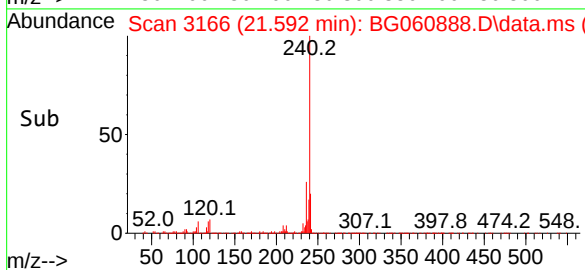
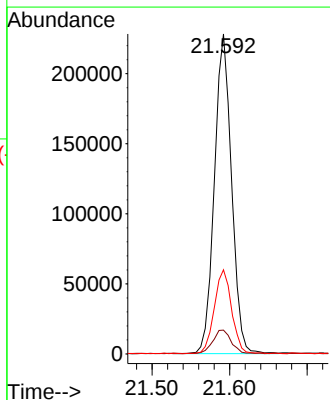
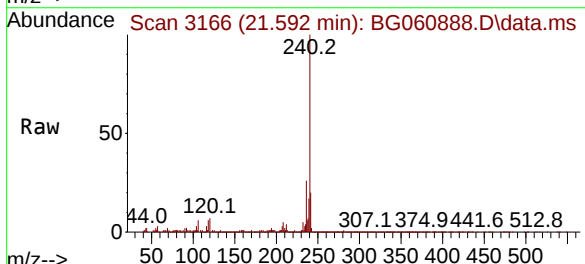
Instrument :
BNA_G
ClientSampleId :
PB160200BL

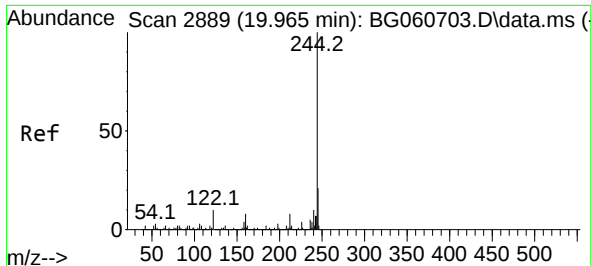
Tgt Ion:188 Resp: 366735
Ion Ratio Lower Upper
188 100
94 6.7 6.6 9.8
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Tgt Ion:240 Resp: 350078
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 26.3 20.7 31.1

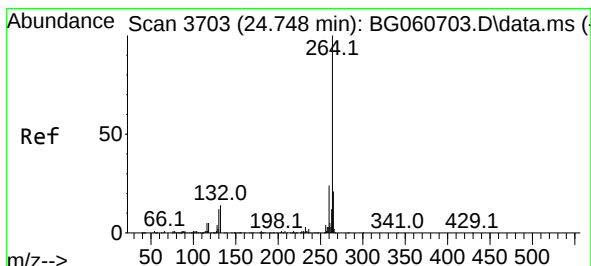
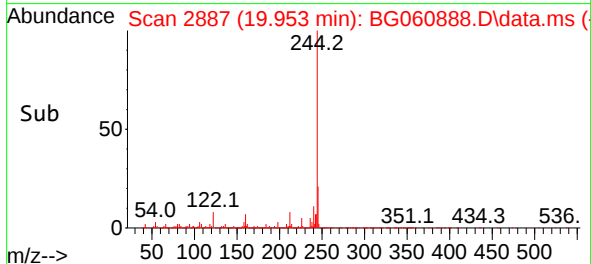
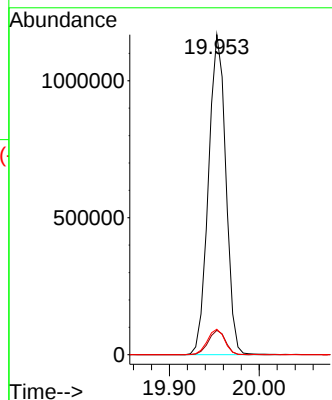
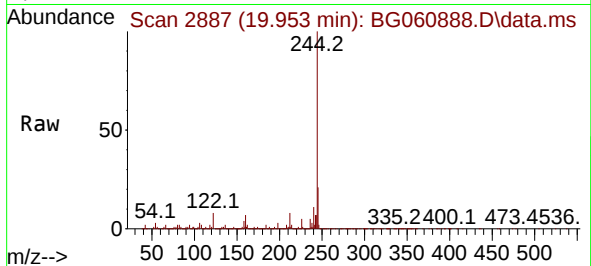




#79
 Terphenyl-d14
 Concen: 78.944 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060888.D
 Acq: 13 Apr 2024 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

Tgt Ion:244 Resp: 1569508
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.012 min
 Lab File: BG060888.D
 Acq: 13 Apr 2024 11:04

Tgt Ion:264 Resp: 399072
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 16.9 25.3

