

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
 Data File : BG060593.D
 Acq On : 7 Mar 2024 17:42
 Operator : MA/JU
 Sample : PB159466BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

Quant Time: Mar 08 03:53:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 03:35:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	78723	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	351258	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	251551	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	573852	20.000	ng	0.00
76) Chrysene-d12	22.020	240	502747	20.000	ng	0.00
86) Perylene-d12	25.574	264	561012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	684691	144.145	ng	0.00
7) Phenol-d6	7.437	99	1024744	142.884	ng	0.00
23) Nitrobenzene-d5	9.522	82	573709	93.589	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	425152	138.831	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1605144	87.170	ng	0.00
79) Terphenyl-d14	20.280	244	2515107	88.357	ng	0.00

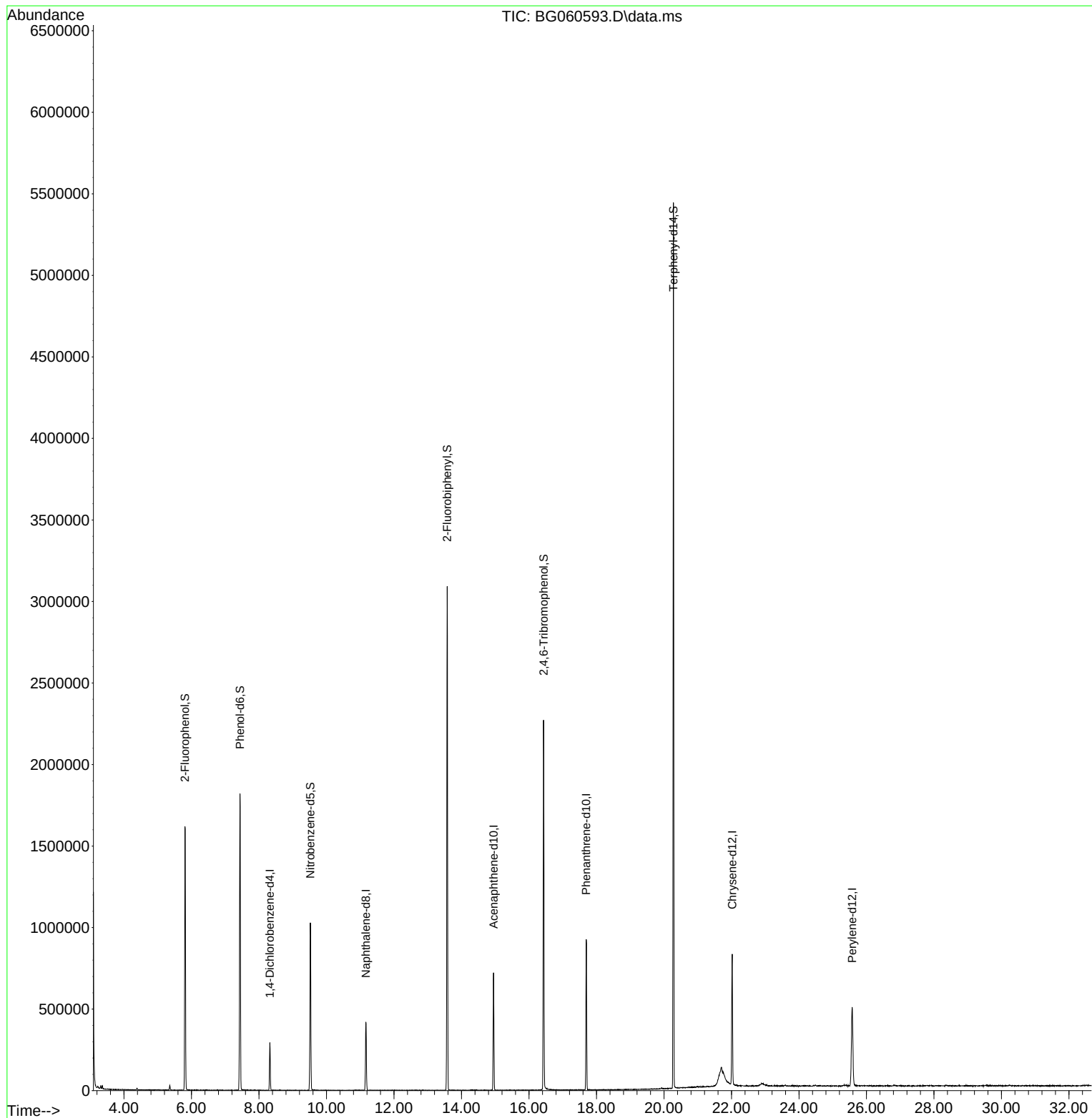
Target Compounds	Qvalue

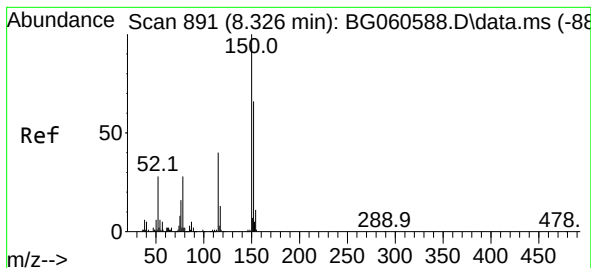
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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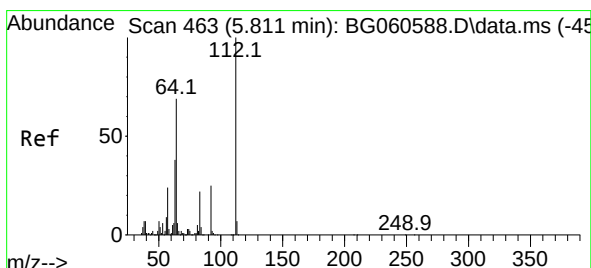
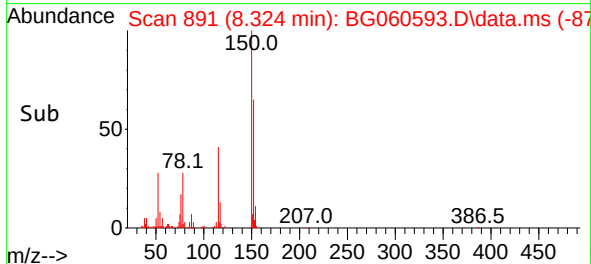
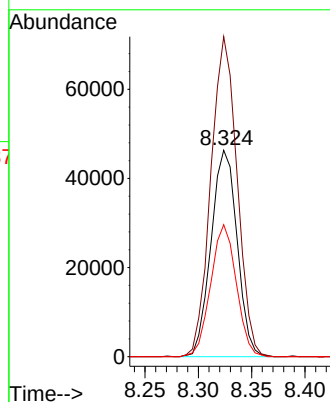
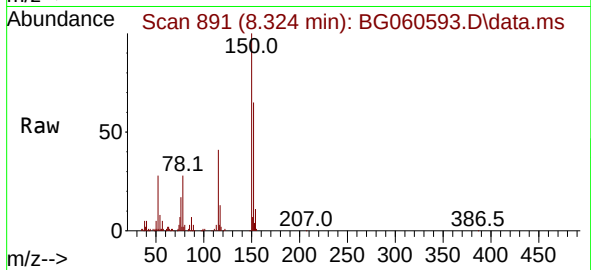




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.324 min Scan# 891
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

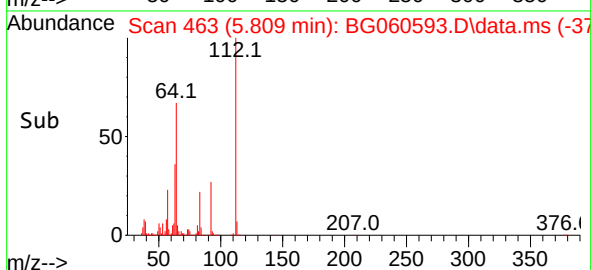
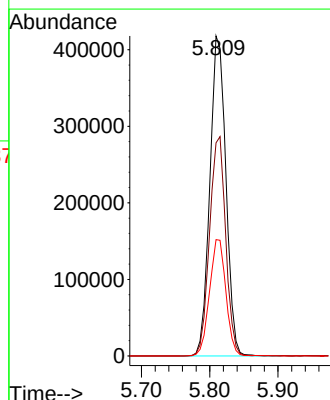
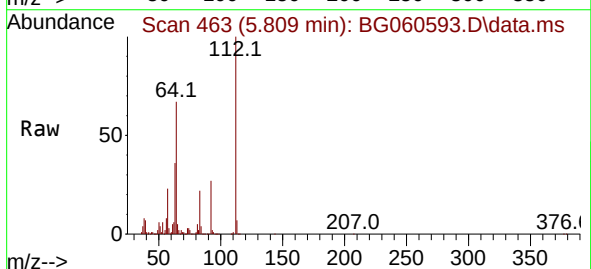
Instrument :
BNA_G
ClientSampleId :
PB159466BL

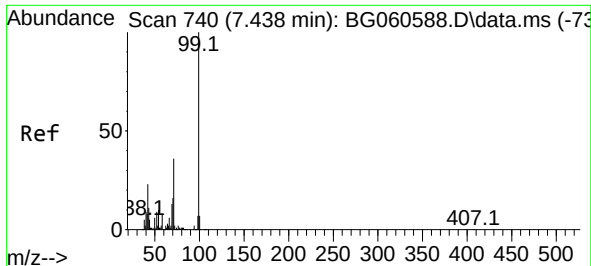
Tgt Ion:152 Resp: 78723
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.6
115 64.0 48.3 72.5



#5
2-Fluorophenol
Concen: 144.145 ng
RT: 5.809 min Scan# 463
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:112 Resp: 684691
Ion Ratio Lower Upper
112 100
64 66.6 55.0 82.4
63 36.4 30.1 45.1



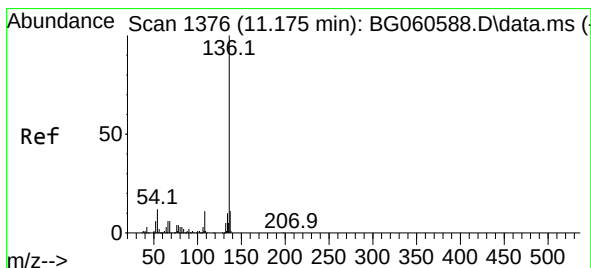
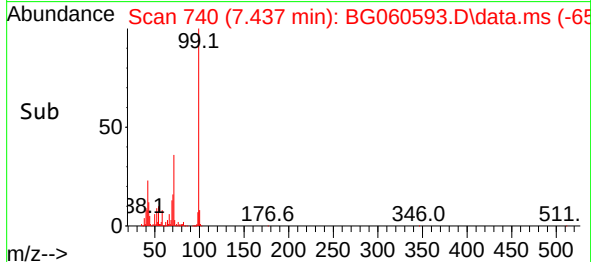
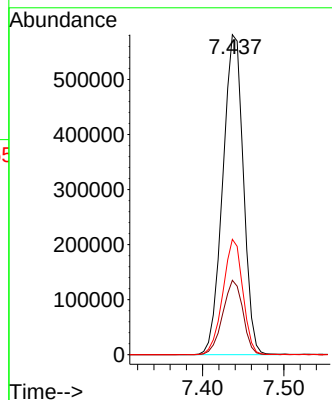
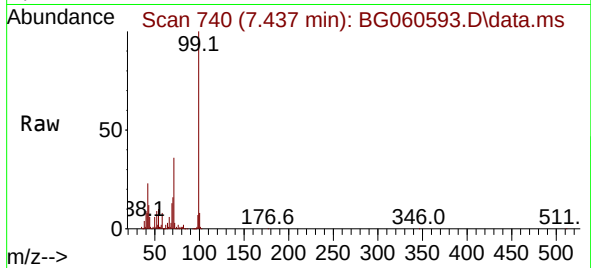


#7
Phenol-d6
Concen: 142.884 ng
RT: 7.437 min Scan# 74
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Instrument :
BNA_G
ClientSampleId :
PB159466BL

Tgt Ion: 99 Resp: 1024744

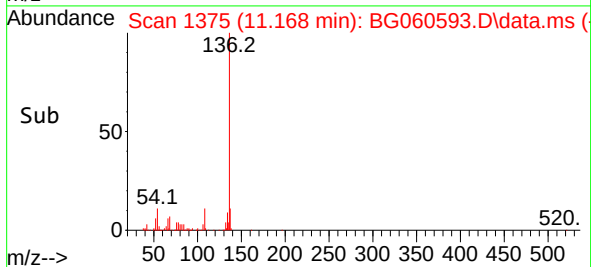
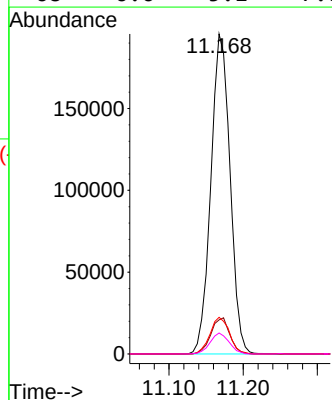
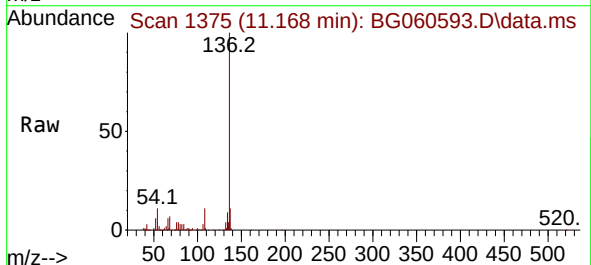
Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	27.8
71	36.1	28.5	42.7

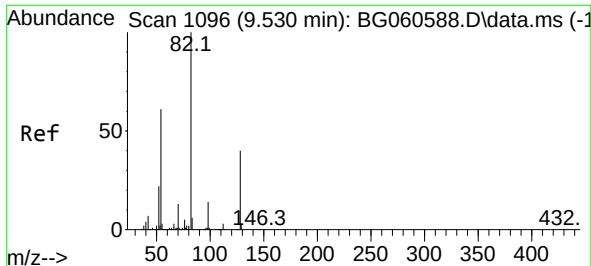


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1375
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:136 Resp: 351258

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.5	9.2	13.8
68	6.6	5.1	7.7

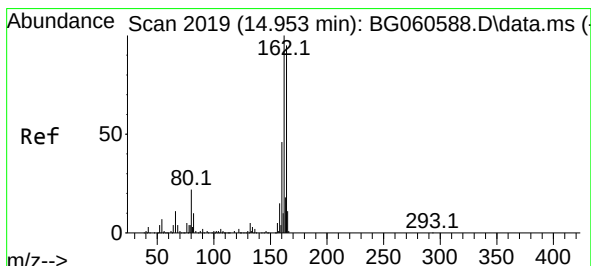
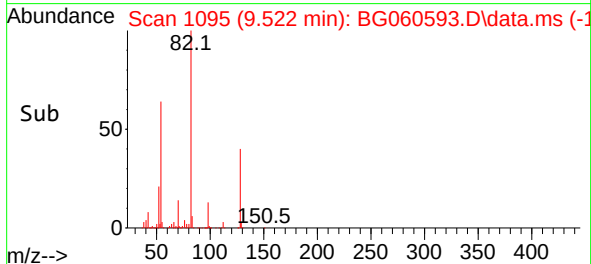
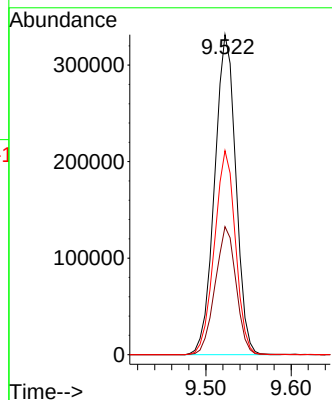
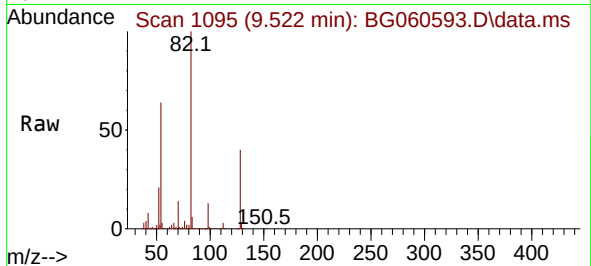




#23
Nitrobenzene-d5
Concen: 93.589 ng
RT: 9.522 min Scan# 1095
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

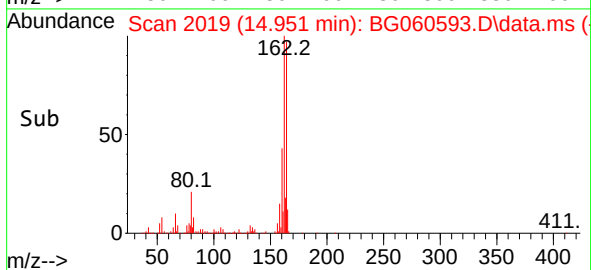
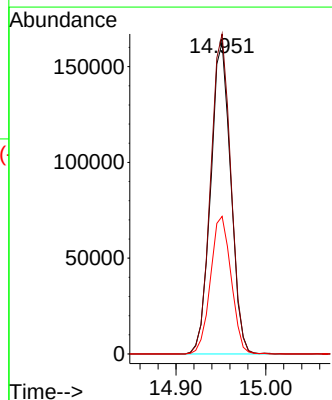
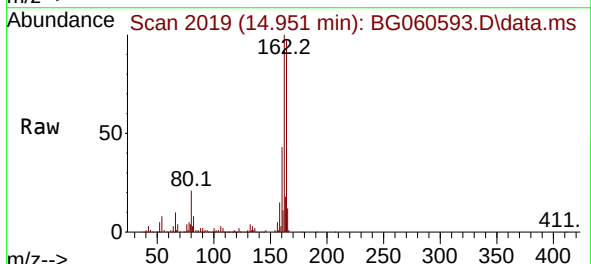
Instrument :
BNA_G
ClientSampleId :
PB159466BL

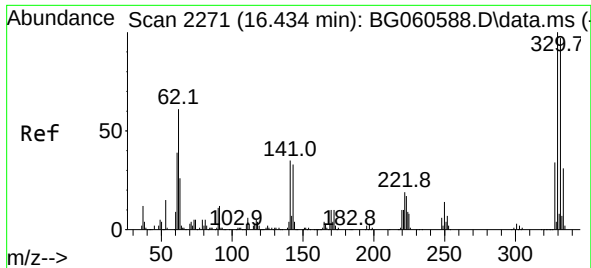
Tgt Ion: 82 Resp: 573709
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 63.7 48.9 73.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

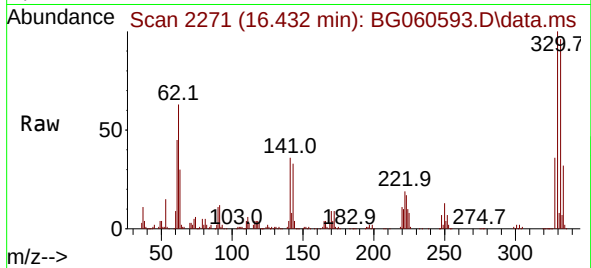
Tgt Ion:164 Resp: 251551
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.2
160 44.2 38.6 57.8



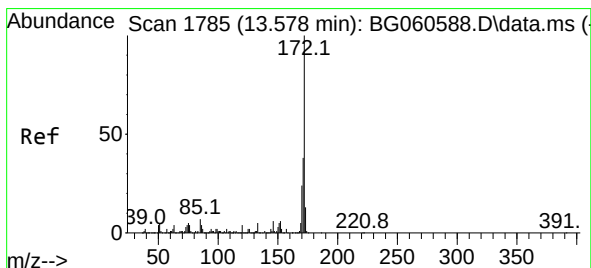
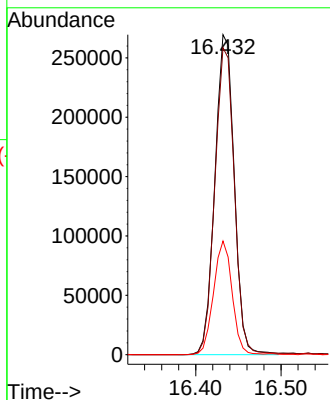
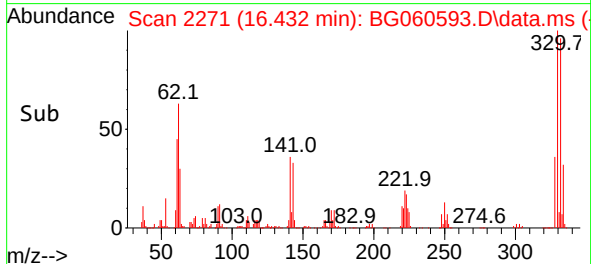


#42
2,4,6-Tribromophenol
Concen: 138.831 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

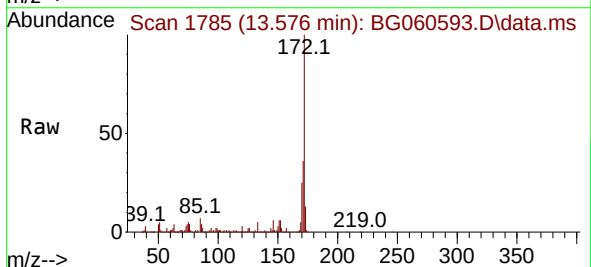
Instrument :
BNA_G
ClientSampleId :
PB159466BL



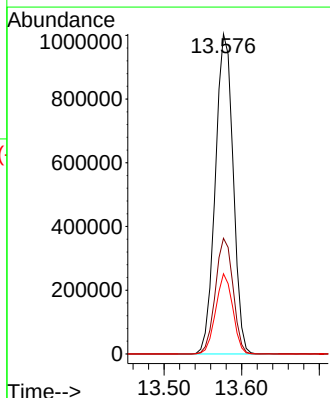
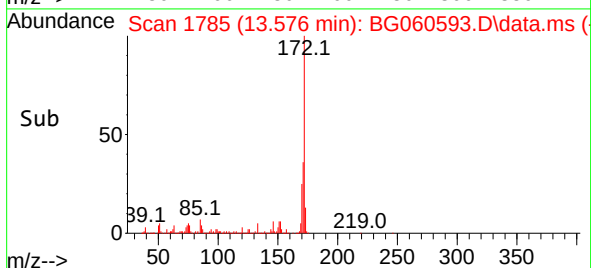
Tgt Ion:330 Resp: 425152
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 34.1 26.4 39.6

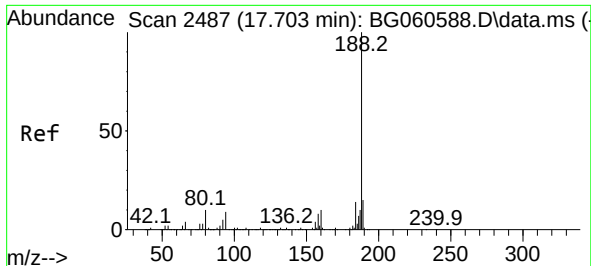


#45
2-Fluorobiphenyl
Concen: 87.170 ng
RT: 13.576 min Scan# 1785
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42



Tgt Ion:172 Resp: 1605144
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.2
170 25.1 19.5 29.3

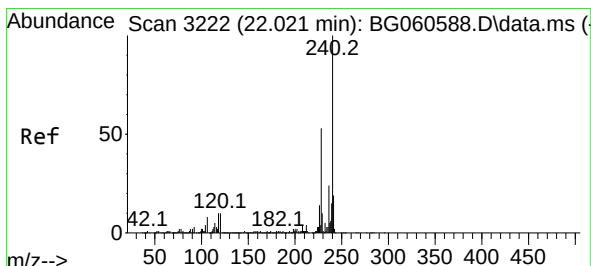
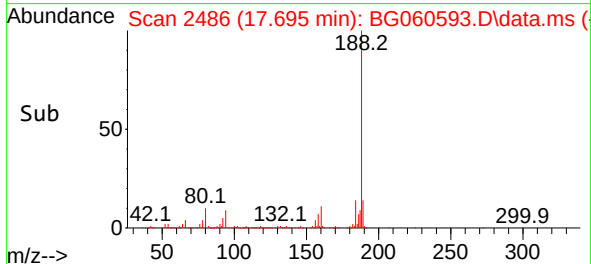
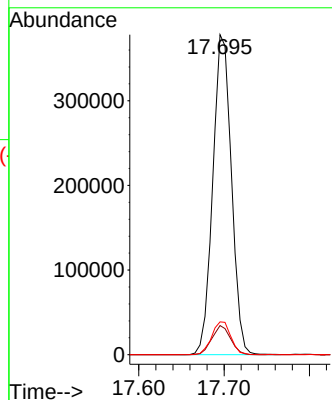
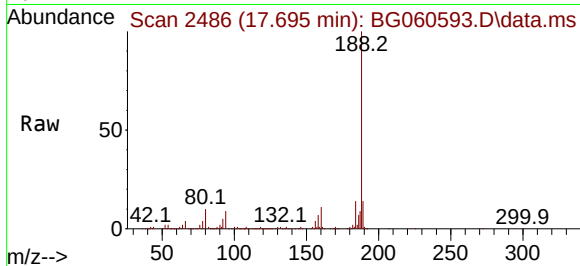




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2487
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

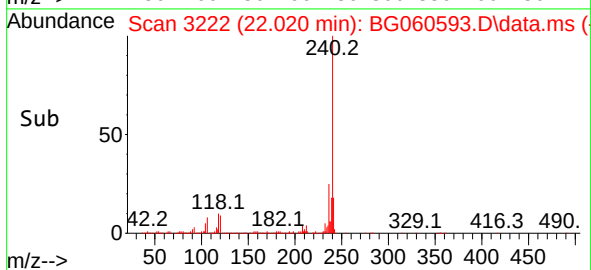
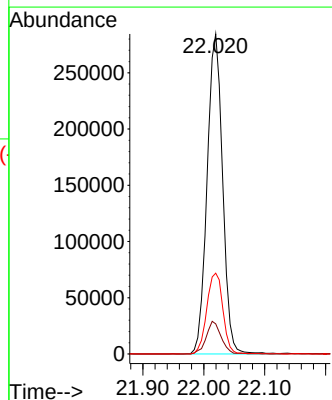
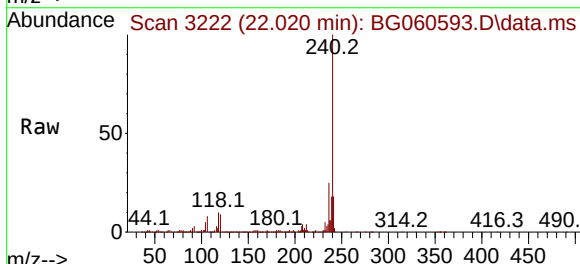
Instrument :
BNA_G
ClientSampleId :
PB159466BL

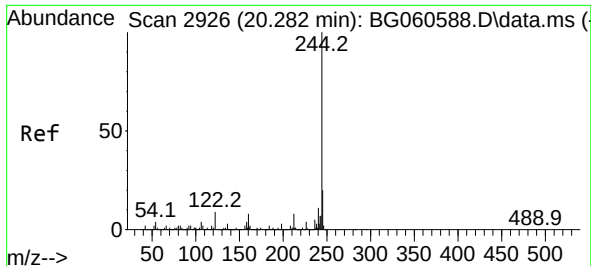
Tgt Ion:188 Resp: 573852
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.020 min Scan# 3222
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:240 Resp: 502747
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.2 19.5 29.3

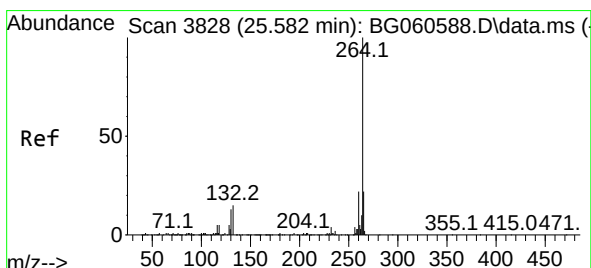
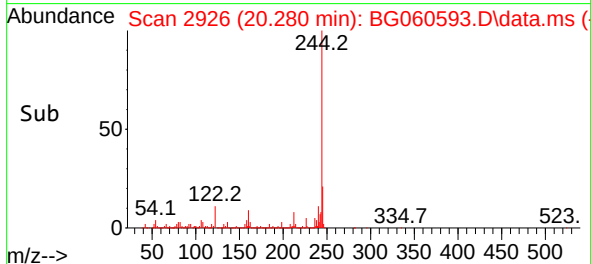
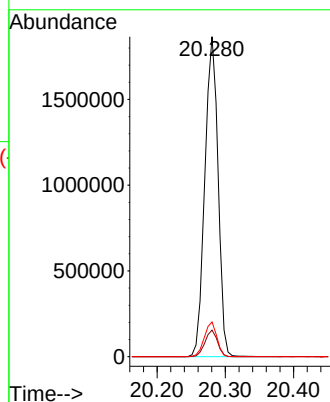
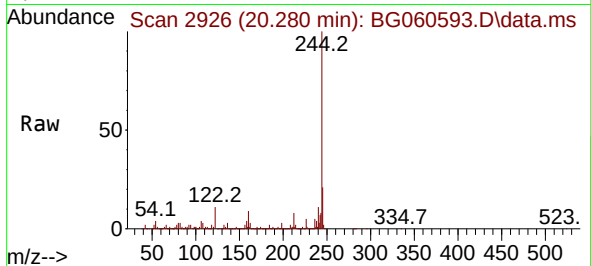




#79
 Terphenyl-d14
 Concen: 88.357 ng
 RT: 20.280 min Scan# 2926
 Delta R.T. -0.002 min
 Lab File: BG060593.D
 Acq: 7 Mar 2024 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

Tgt Ion:244 Resp: 2515107
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 10.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.574 min Scan# 3827
 Delta R.T. -0.008 min
 Lab File: BG060593.D
 Acq: 7 Mar 2024 17:42

Tgt Ion:264 Resp: 561012
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 20.7 17.5 26.3

