

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058663.D
 Acq On : 9 Aug 2023 17:58
 Operator : MA/JU
 Sample : 03939-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747

Quant Time: Aug 10 02:53:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	37284	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	161255	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	124327	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	320385	20.000	ng	0.00
76) Chrysene-d12	21.449	240	295119	20.000	ng	0.00
86) Perylene-d12	24.516	264	353218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	272643	111.770	ng	0.00
7) Phenol-d6	6.983	99	389217	114.669	ng	0.00
23) Nitrobenzene-d5	8.975	82	226657	69.050	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	210269	103.184	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	524704	63.246	ng	0.00
79) Terphenyl-d14	19.821	244	1019617	64.971	ng	0.00

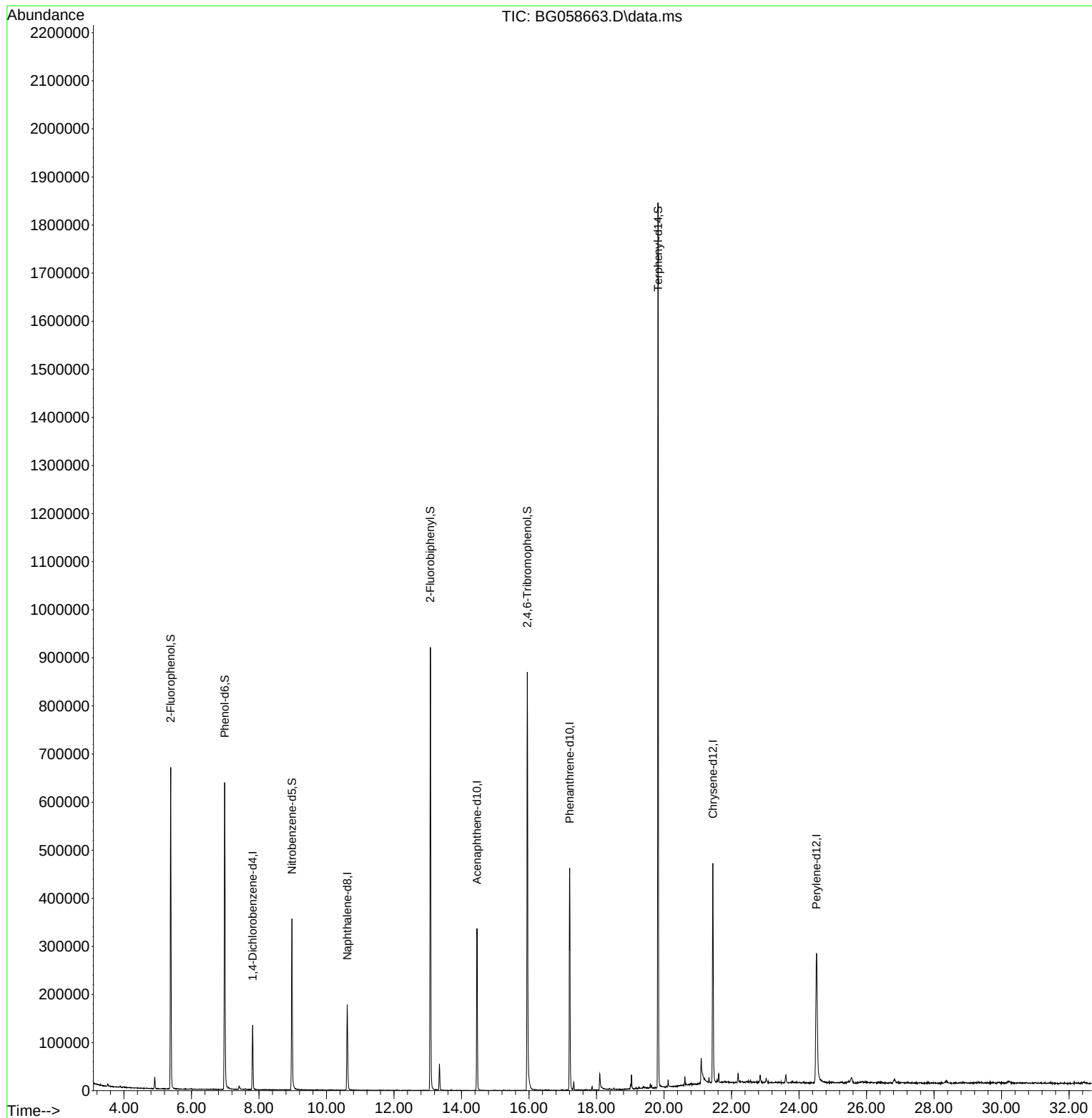
Target Compounds	Qvalue

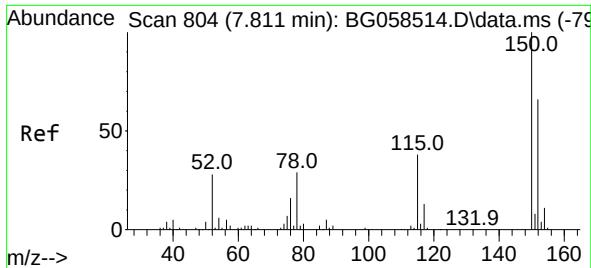
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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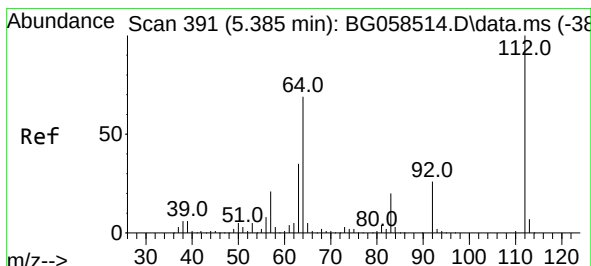
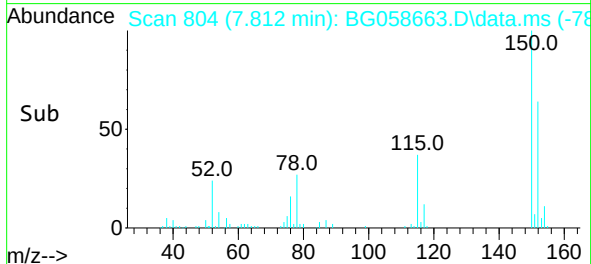
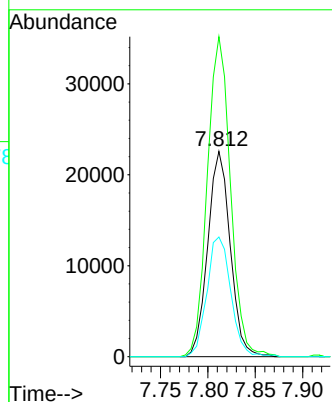
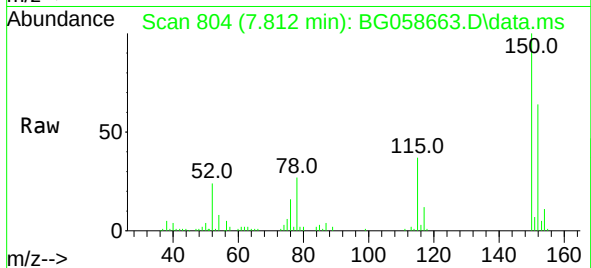




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

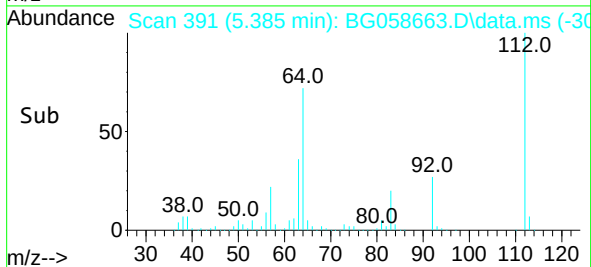
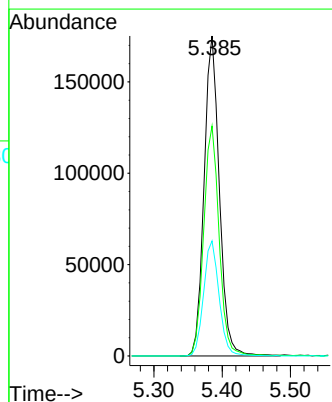
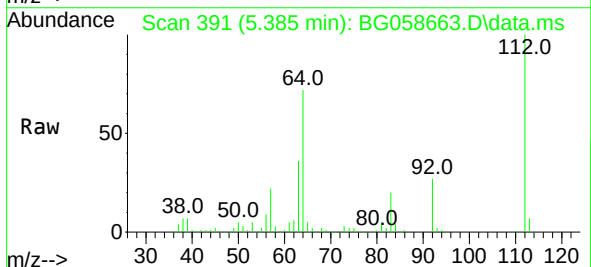
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

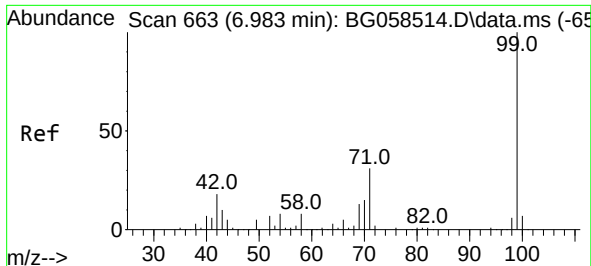
Tgt Ion:152 Resp: 37284
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 58.3 45.9 68.9



#5
2-Fluorophenol
Concen: 111.770 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:112 Resp: 272643
Ion Ratio Lower Upper
112 100
64 71.9 55.3 82.9
63 36.0 28.3 42.5

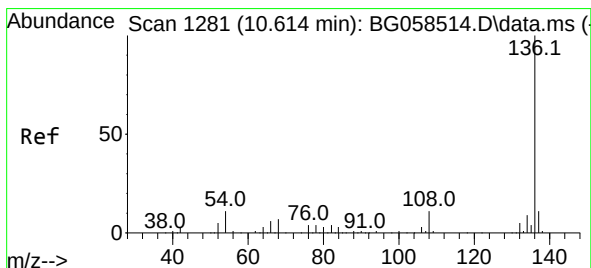
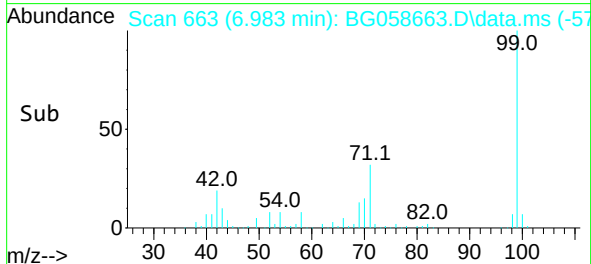
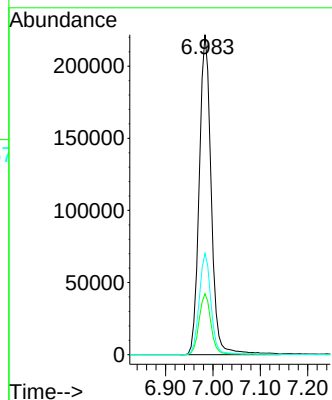
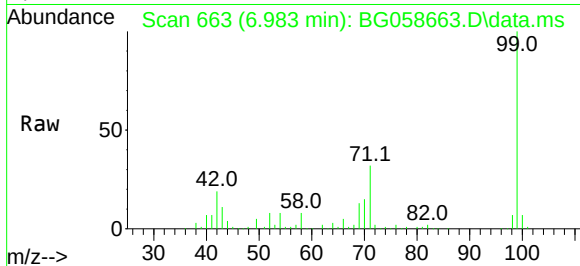




#7
Phenol-d6
Concen: 114.669 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

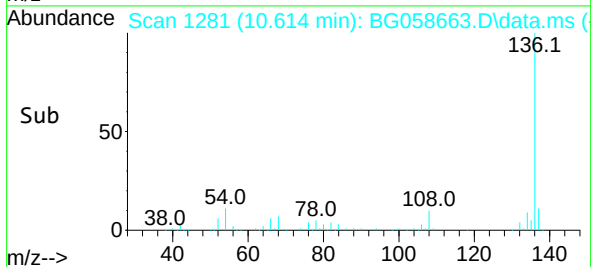
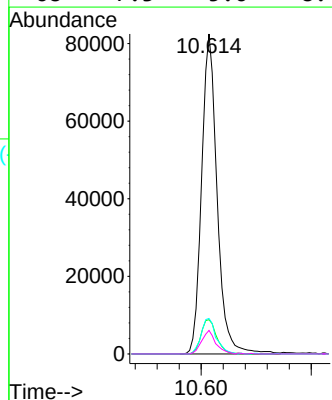
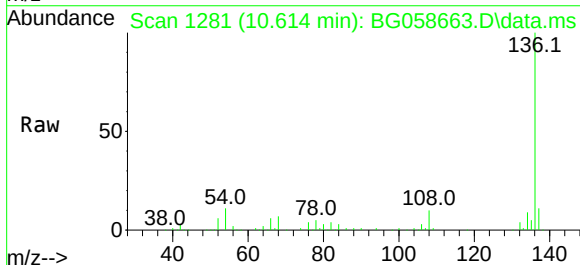
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

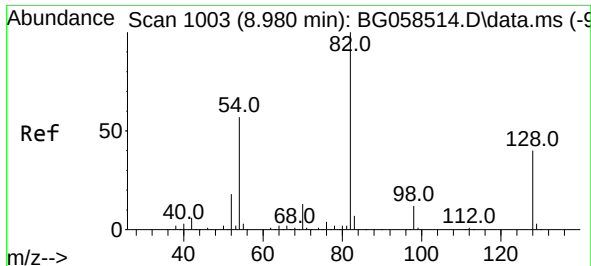
Tgt Ion: 99 Resp: 389217
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion: 136 Resp: 161255
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.1 8.9 13.3
68 7.3 5.6 8.4

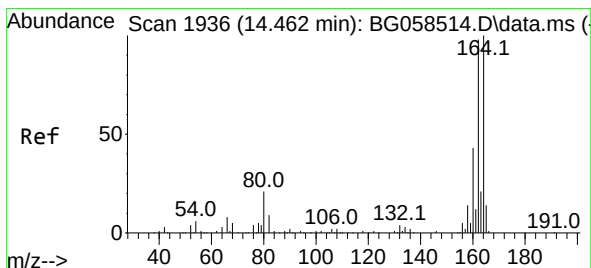
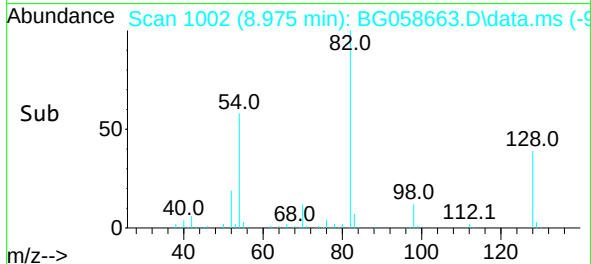
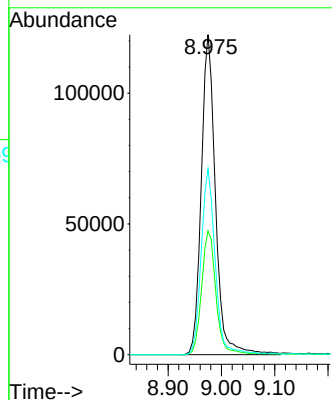
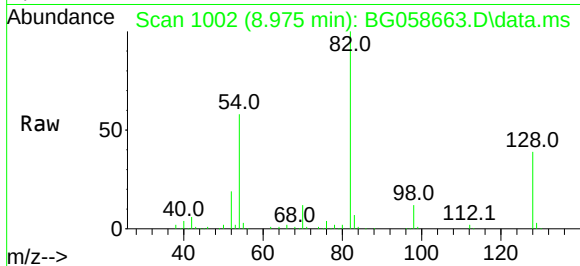




#23
Nitrobenzene-d5
Concen: 69.050 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

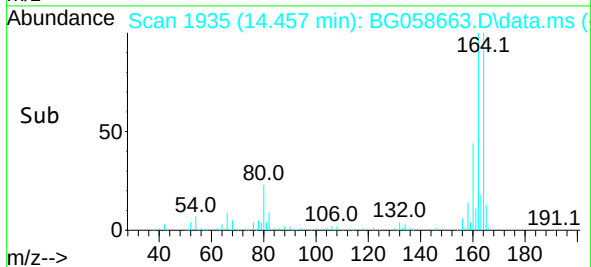
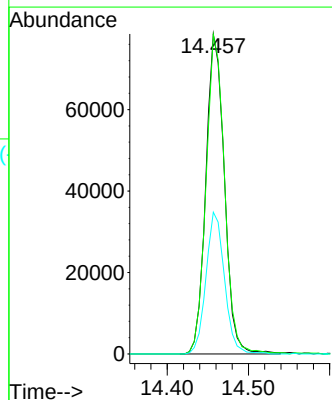
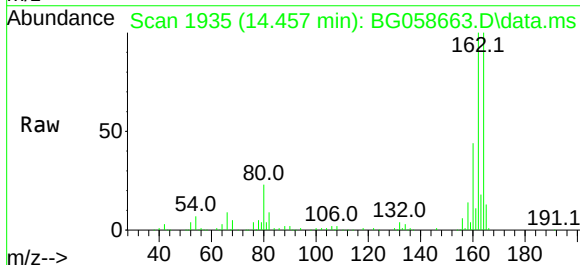
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

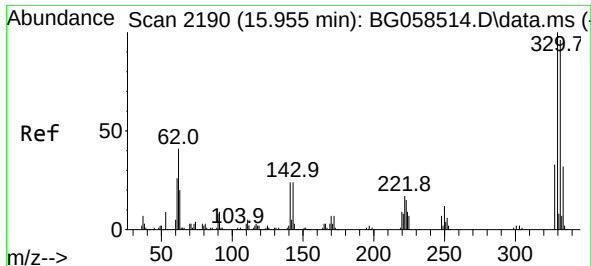
Tgt Ion: 82 Resp: 226657
Ion Ratio Lower Upper
82 100
128 38.7 32.2 48.2
54 58.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:164 Resp: 124327
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 44.3 34.1 51.1

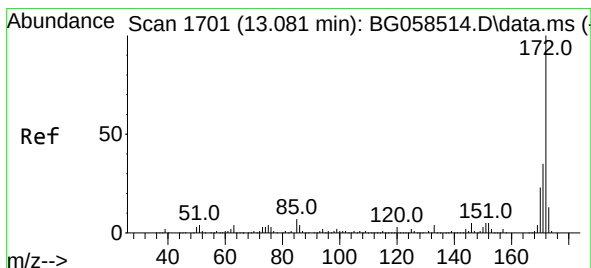
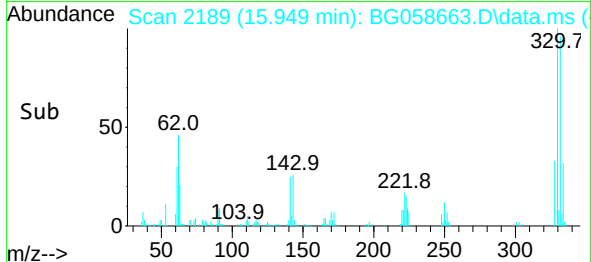
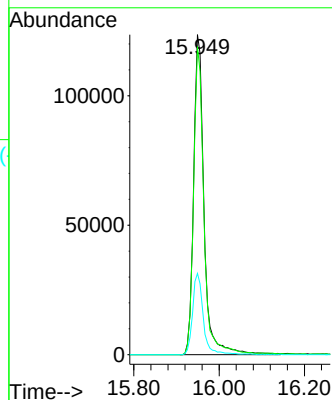
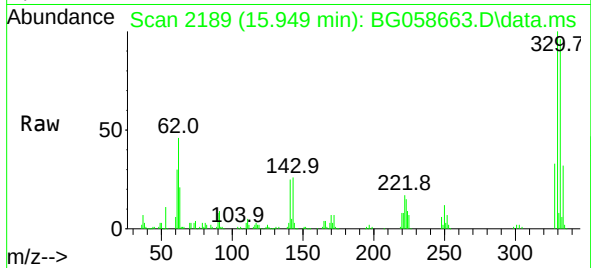




#42
2,4,6-Tribromophenol
Concen: 103.184 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

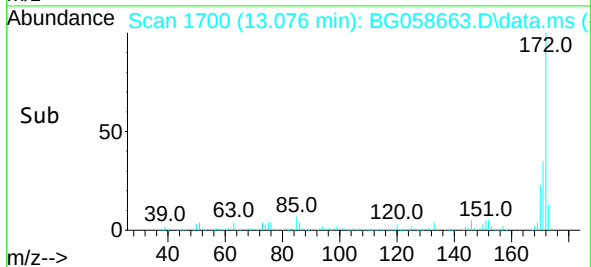
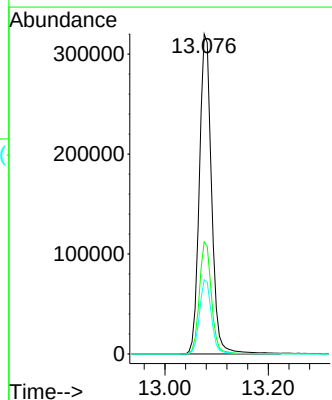
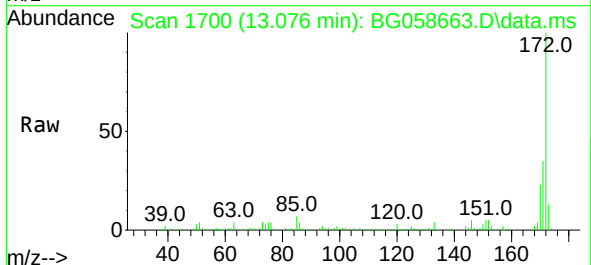
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

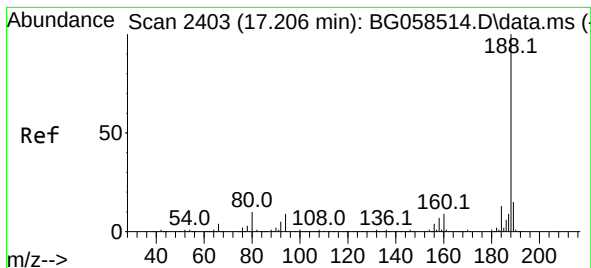
Tgt Ion:330 Resp: 210269
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 25.9 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 63.246 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:172 Resp: 524704
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747

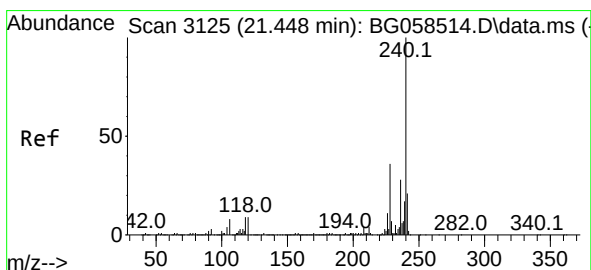
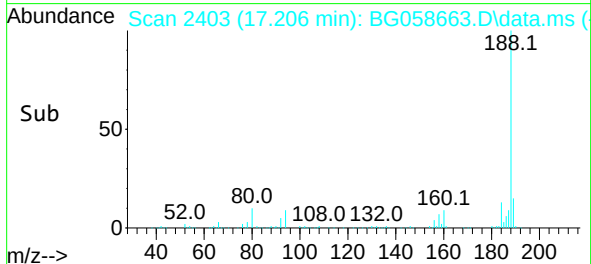
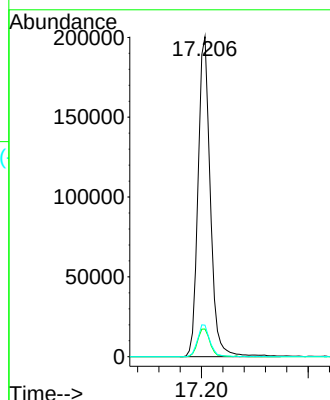
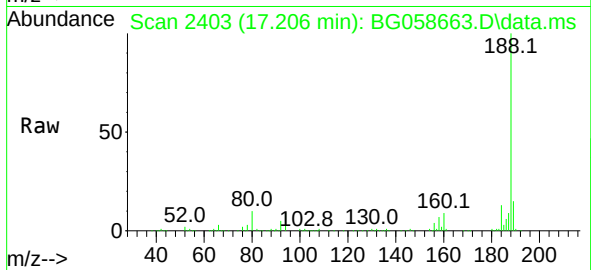
Tgt Ion:188 Resp: 320385

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

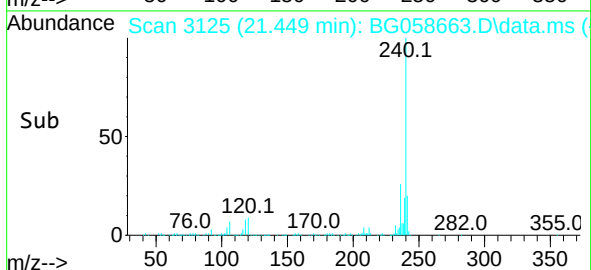
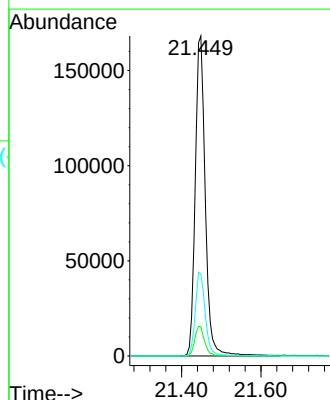
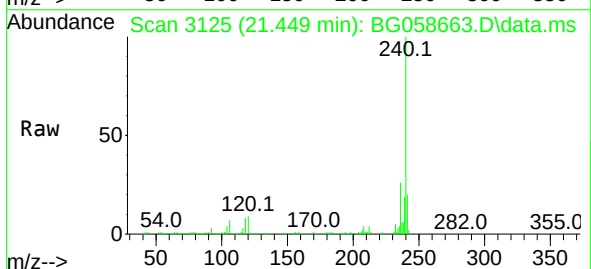
Tgt Ion:240 Resp: 295119

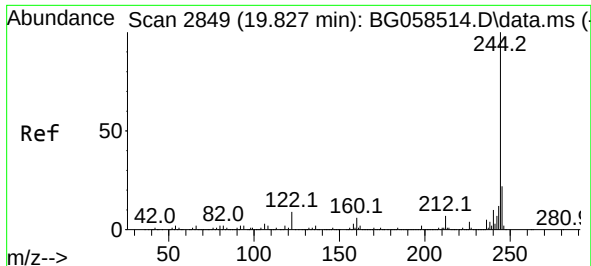
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

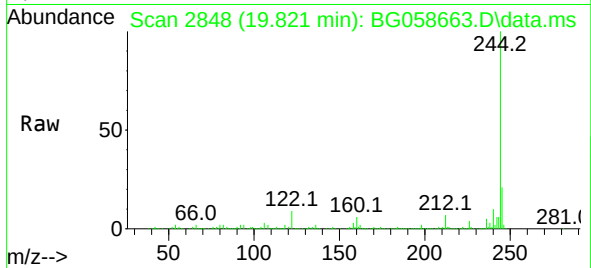
236 25.6 22.2 33.4



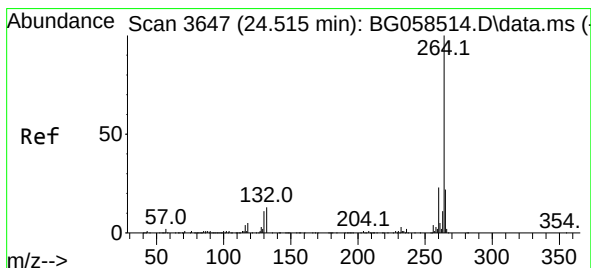
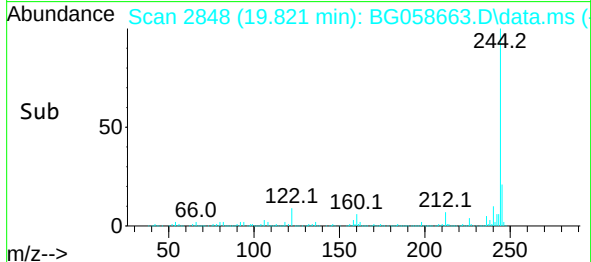
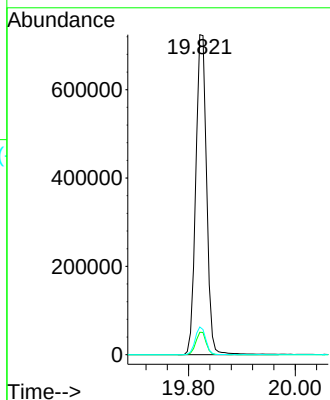


#79
 Terphenyl-d14
 Concen: 64.971 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058663.D
 Acq: 9 Aug 2023 17:58

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747



Tgt Ion:244 Resp: 1019617
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BG058663.D
 Acq: 9 Aug 2023 17:58

Tgt Ion:264 Resp: 353218
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 20.2 17.9 26.9

