

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058586.D
 Acq On : 3 Aug 2023 9:59
 Operator : MA/JU
 Sample : PB154586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154586BL

Quant Time: Aug 03 12:41:08 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	42356	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	173869	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	120572	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	307404	20.000	ng	0.00
76) Chrysene-d12	21.443	240	306085	20.000	ng	0.00
86) Perylene-d12	24.516	264	377127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	397579	143.470	ng	0.00
7) Phenol-d6	6.984	99	522870	135.598	ng	0.00
23) Nitrobenzene-d5	8.975	82	307978	87.017	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	244109	123.521	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	696930	86.622	ng	0.00
79) Terphenyl-d14	19.827	244	1455665	89.433	ng	0.00

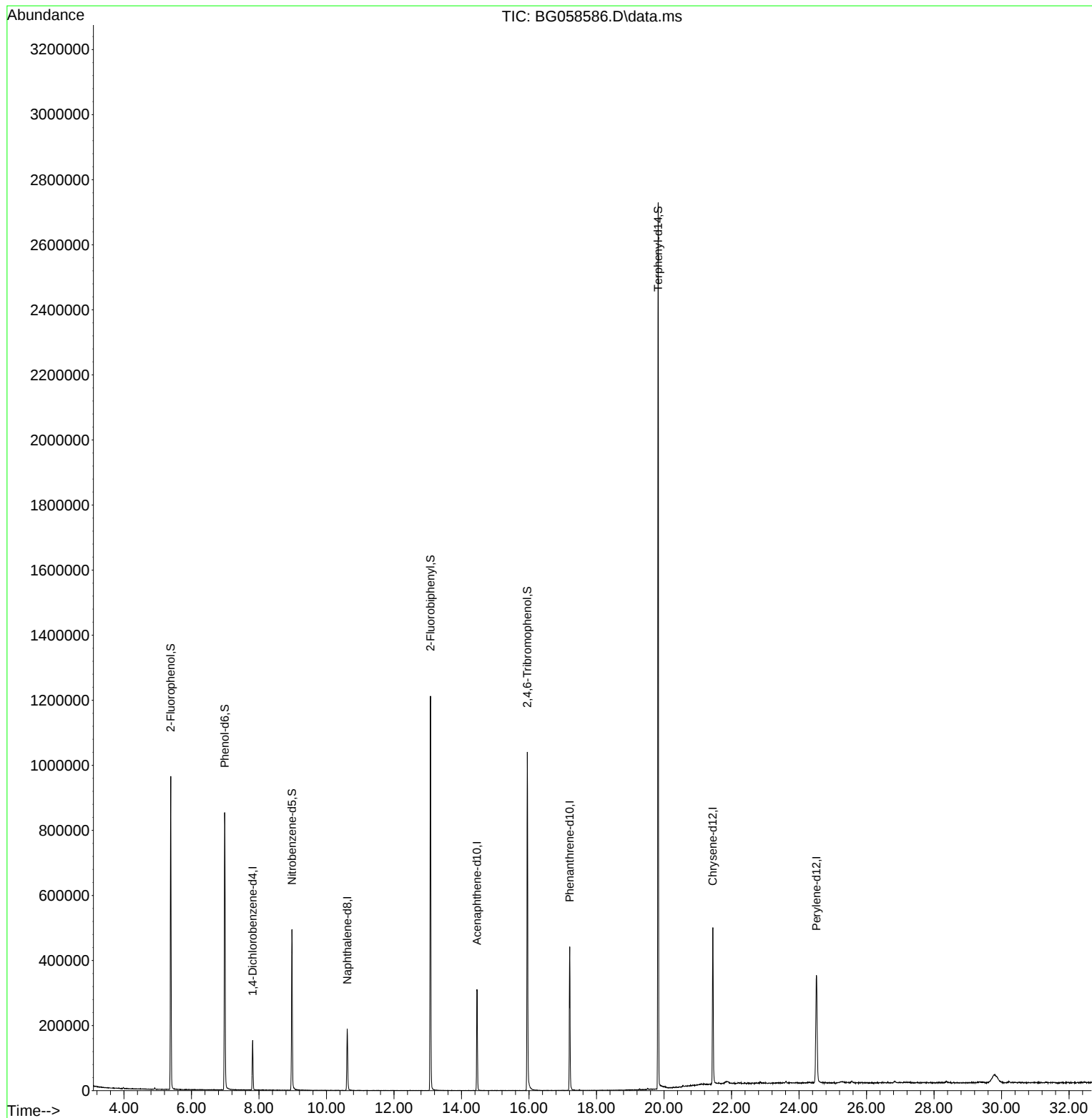
Target Compounds	Qvalue

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

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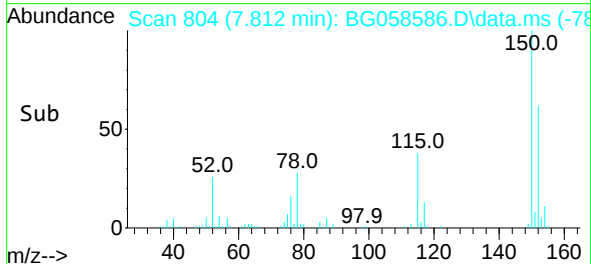
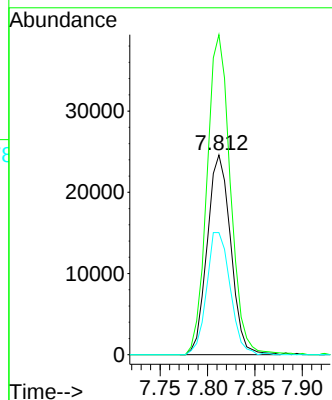
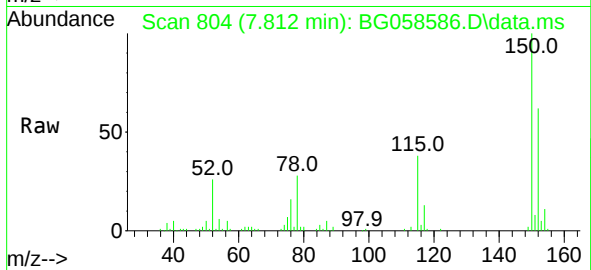




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

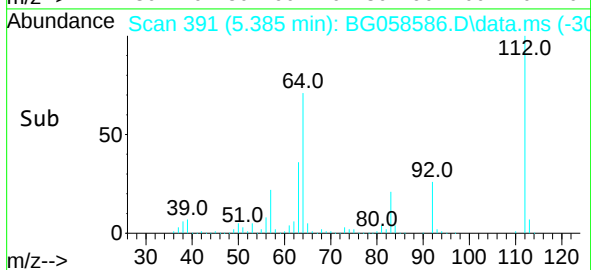
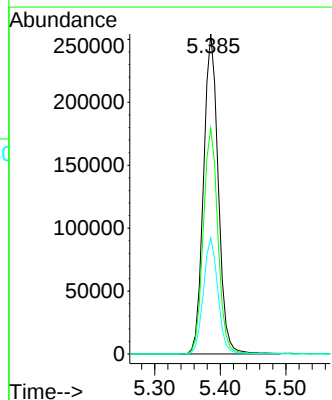
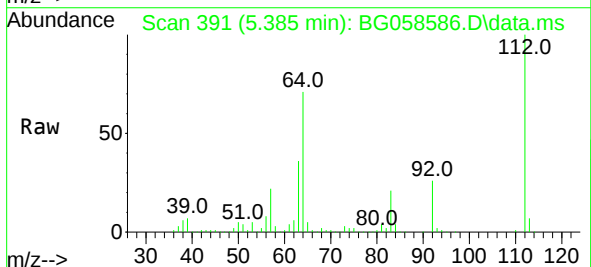
Instrument :
BNA_G
ClientSampleId :
PB154586BL

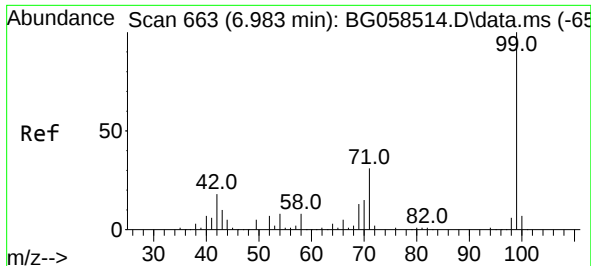
Tgt Ion:152 Resp: 42356
Ion Ratio Lower Upper
152 100
150 160.3 120.5 180.7
115 61.2 45.9 68.9



#5
2-Fluorophenol
Concen: 143.470 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

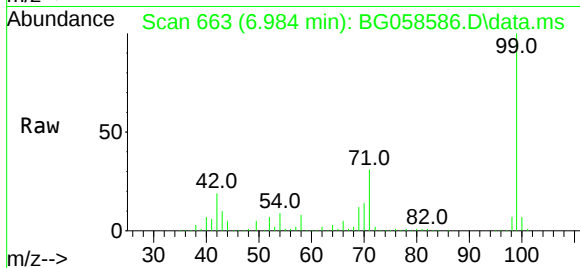
Tgt Ion:112 Resp: 397579
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 36.3 28.3 42.5



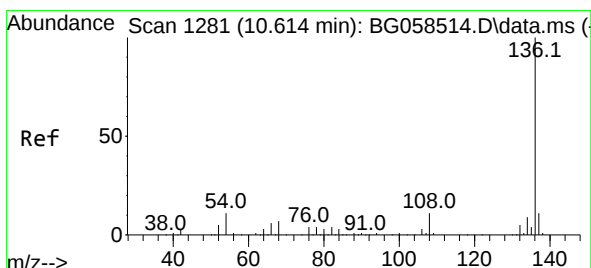
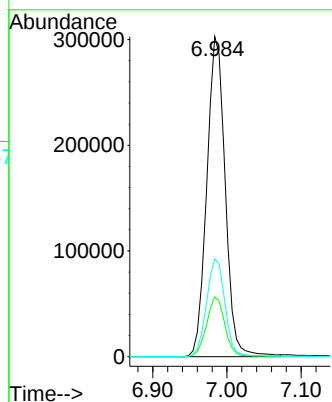
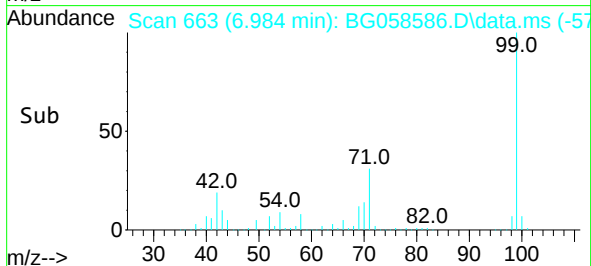


#7
Phenol-d6
Concen: 135.598 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

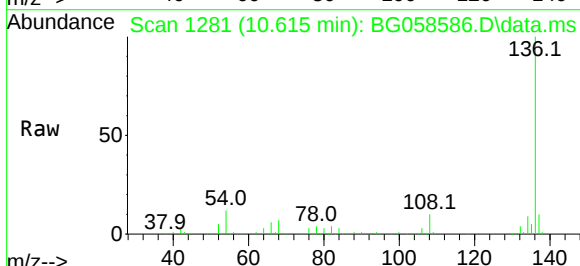
Instrument :
BNA_G
ClientSampleId :
PB154586BL



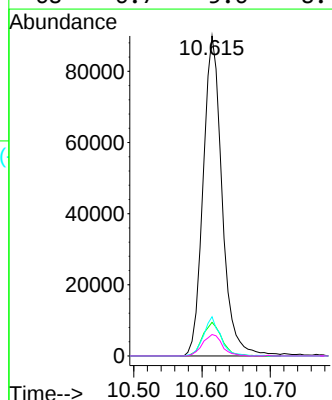
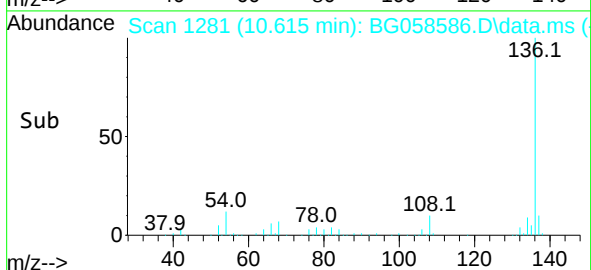
Tgt Ion: 99 Resp: 522870
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 30.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59



Tgt Ion: 136 Resp: 173869
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 12.2 8.9 13.3
68 6.7 5.6 8.4

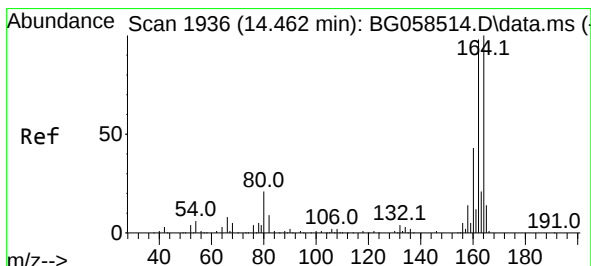
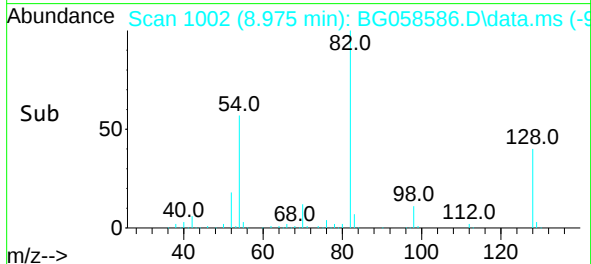
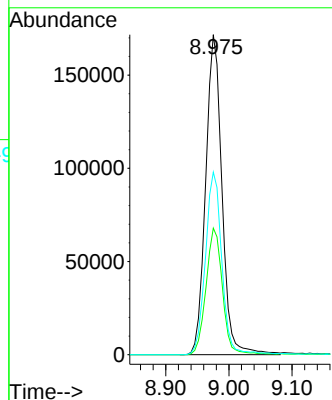
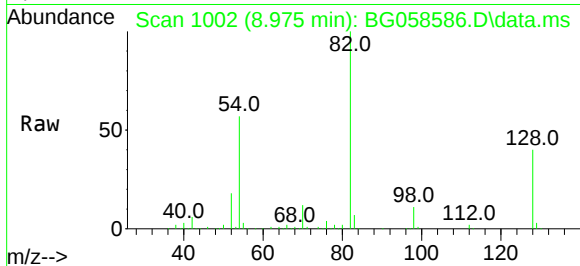




#23
Nitrobenzene-d5
Concen: 87.017 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

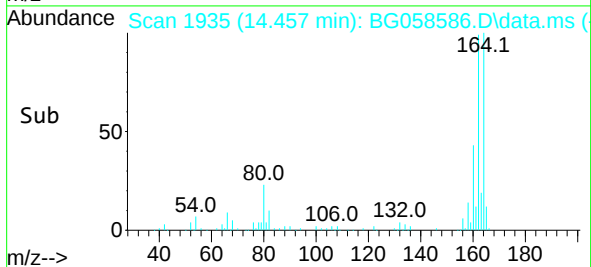
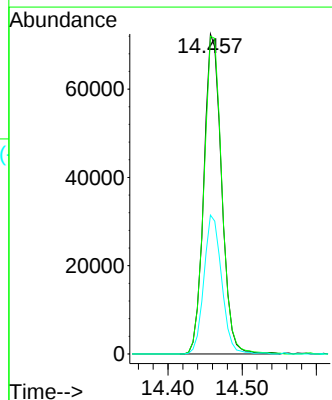
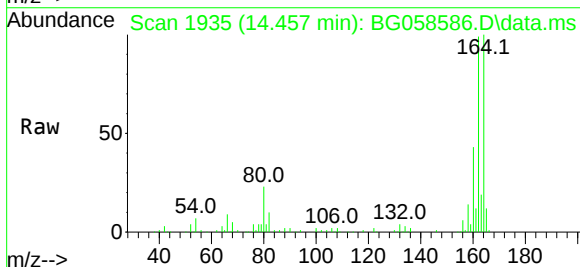
Instrument :
BNA_G
ClientSampleId :
PB154586BL

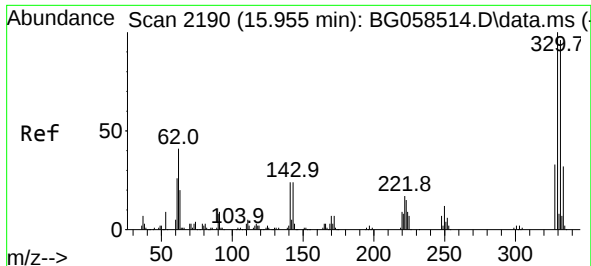
Tgt Ion: 82 Resp: 307978
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 57.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

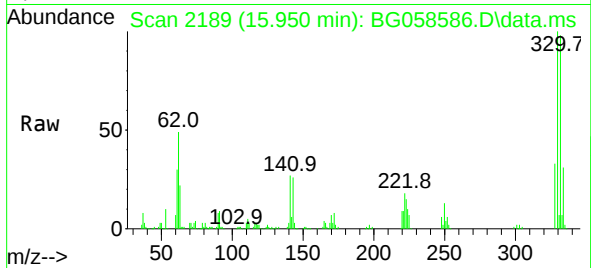
Tgt Ion:164 Resp: 120572
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 43.4 34.1 51.1



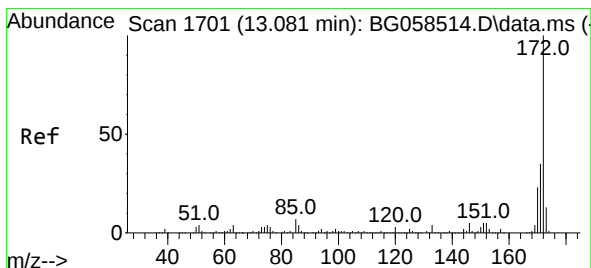
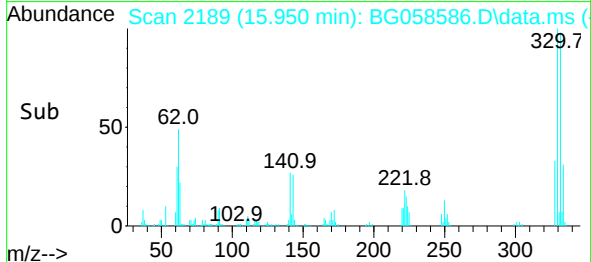
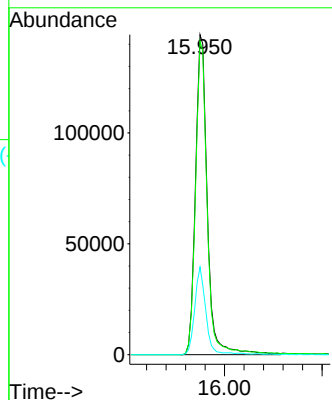


#42
2,4,6-Tribromophenol
Concen: 123.521 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

Instrument :
BNA_G
ClientSampleId :
PB154586BL

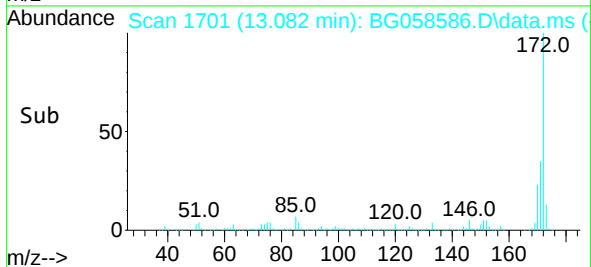
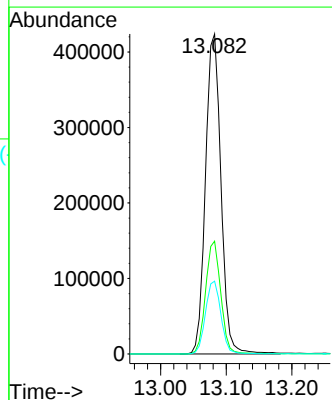
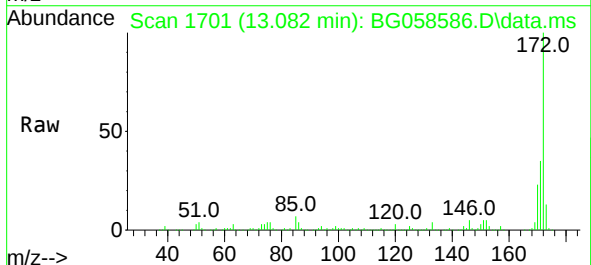


Tgt Ion:330 Resp: 244109
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 25.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 86.622 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

Tgt Ion:172 Resp: 696930
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 22.8 18.4 27.6

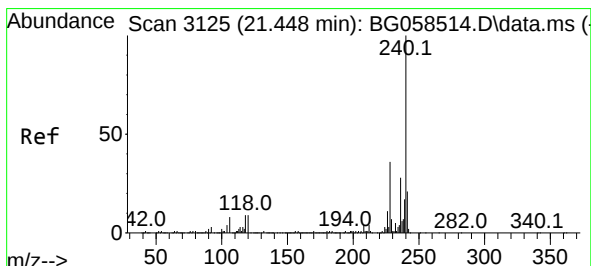
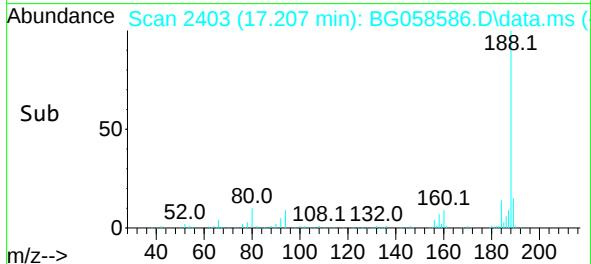
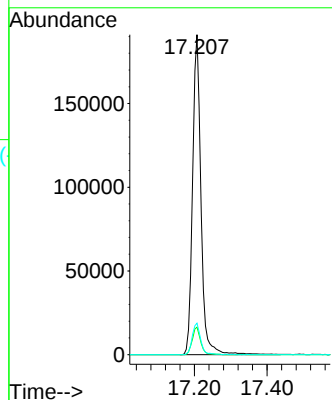
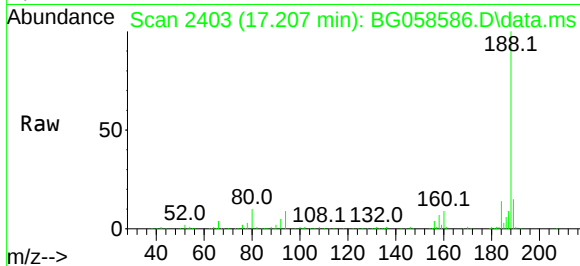




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

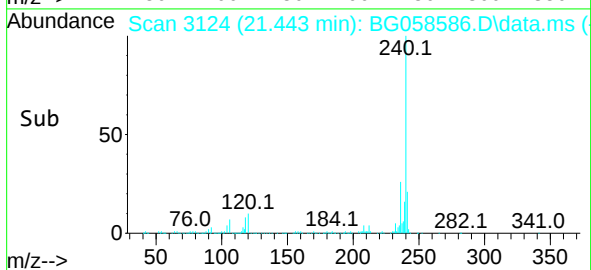
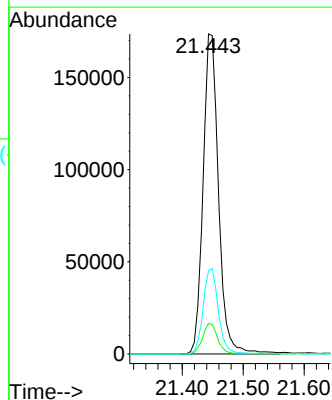
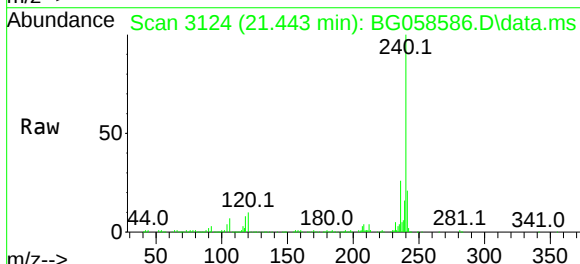
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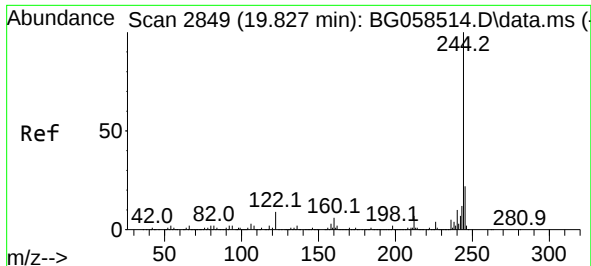
Tgt Ion:188 Resp: 307404
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

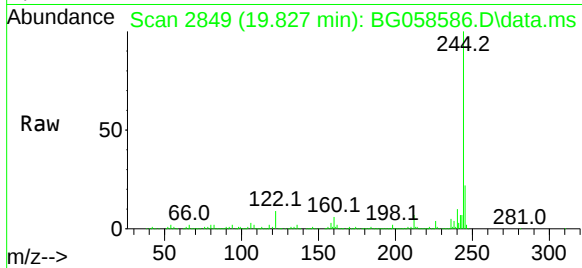
Tgt Ion:240 Resp: 306085
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.0 22.2 33.4



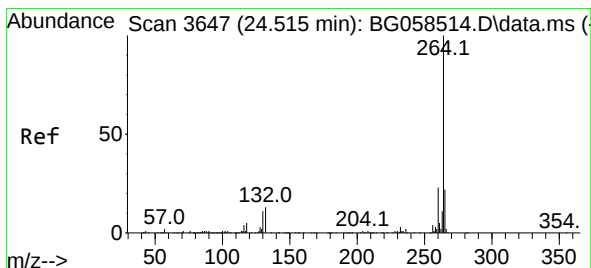
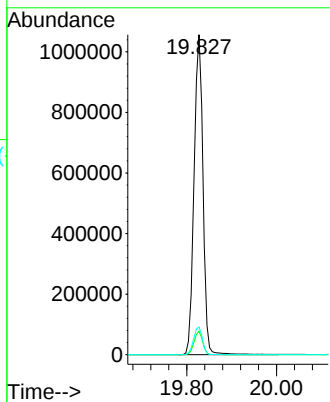
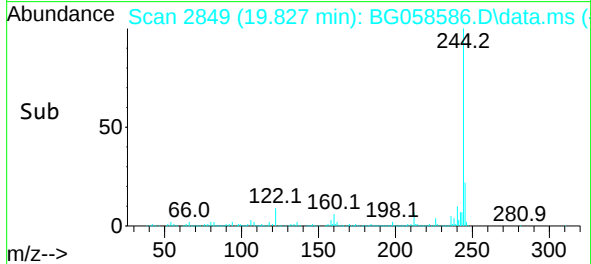


#79
 Terphenyl-d14
 Concen: 89.433 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058586.D
 Acq: 3 Aug 2023 9:59

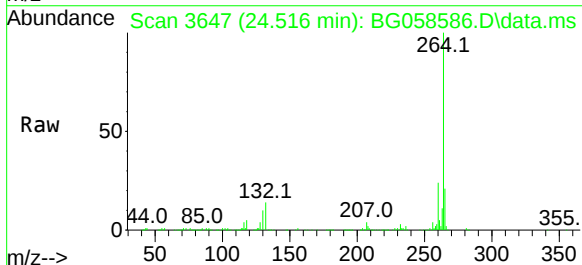
Instrument :
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Tgt Ion:244 Resp: 1455665
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058586.D
 Acq: 3 Aug 2023 9:59



Tgt Ion:264 Resp: 377127
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.3 17.9 26.9

