

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058762.D
 Acq On : 17 Aug 2023 14:37
 Operator : MA/JU
 Sample : PB154322TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154322TB

Quant Time: Aug 18 01:52:25 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	7.815	152	23821	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	100930	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	76822	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	207251	20.000	ng	0.00
76) Chrysene-d12	21.451	240	193624	20.000	ng	0.00
86) Perylene-d12	24.530	264	229728	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	221322	142.010	ng	0.00
7) Phenol-d6	6.980	99	299809	138.248	ng	0.00
23) Nitrobenzene-d5	8.978	82	182535	88.845	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	151121	120.017	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	458186	89.380	ng	0.00
79) Terphenyl-d14	19.824	244	954071	92.662	ng	0.00

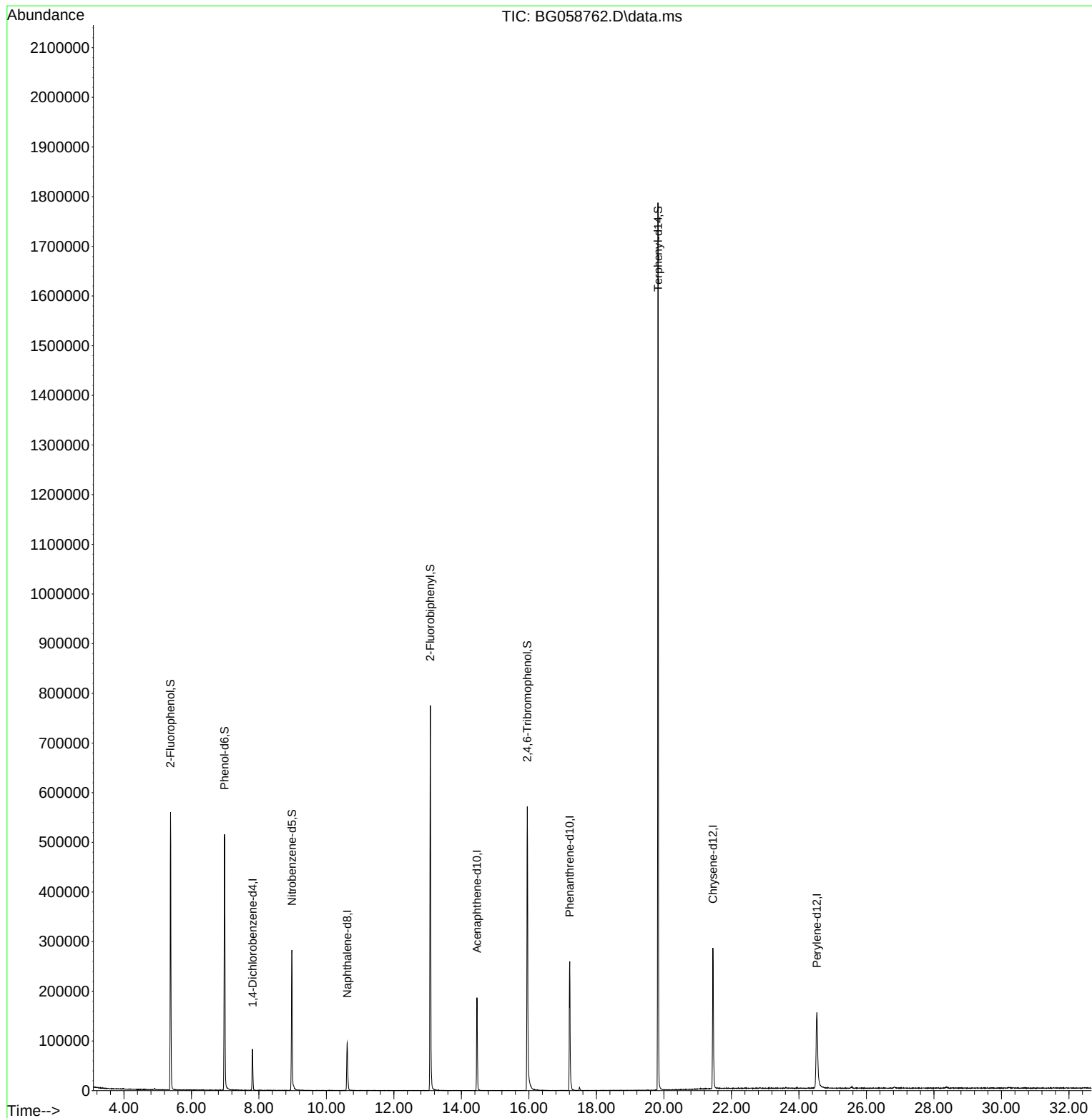
Target Compounds	Qvalue

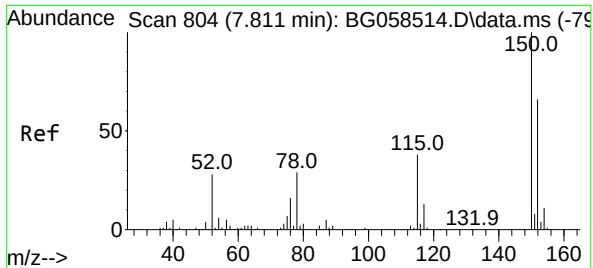
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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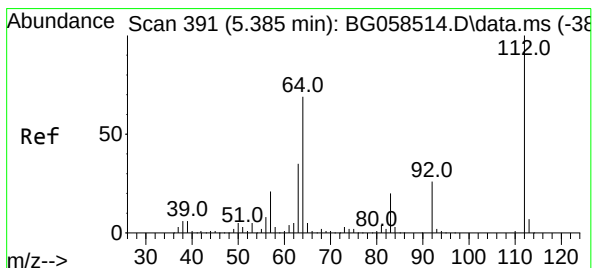
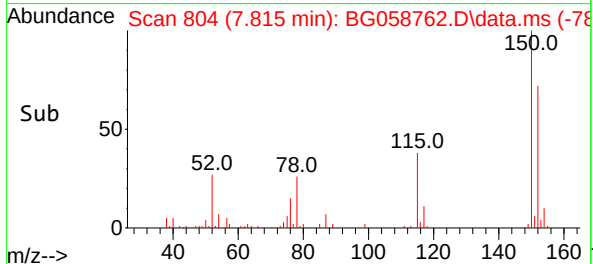
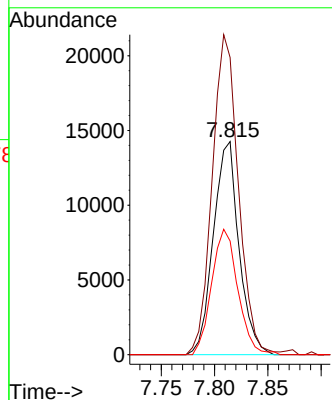
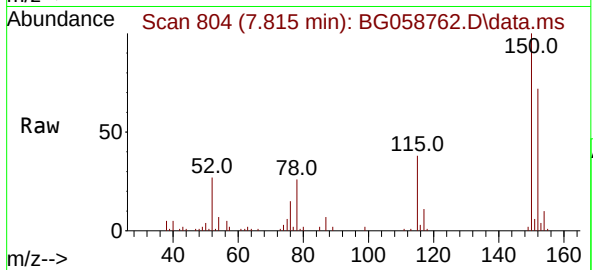




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

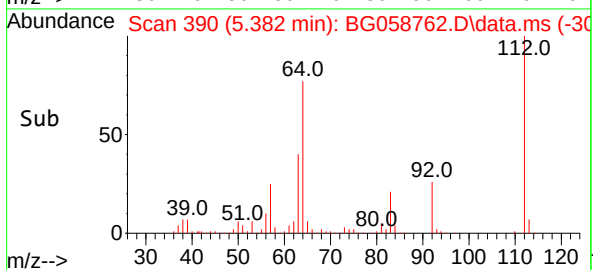
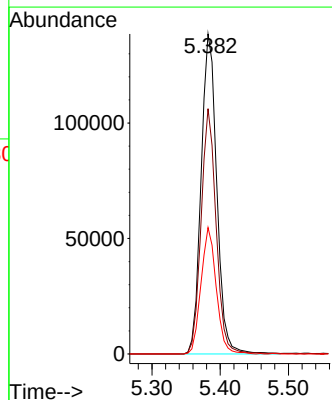
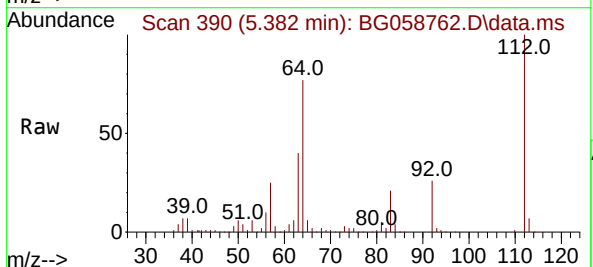
Instrument :
BNA_G
ClientSampleId :
PB154322TB

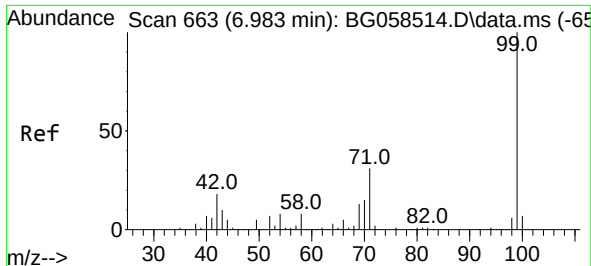
Tgt Ion:152 Resp: 23821
Ion Ratio Lower Upper
152 100
150 139.4 120.5 180.7
115 53.3 45.9 68.9



#5
2-Fluorophenol
Concen: 142.010 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:112 Resp: 221322
Ion Ratio Lower Upper
112 100
64 76.7 55.3 82.9
63 39.5 28.3 42.5

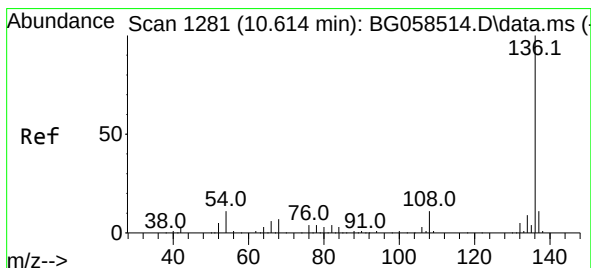
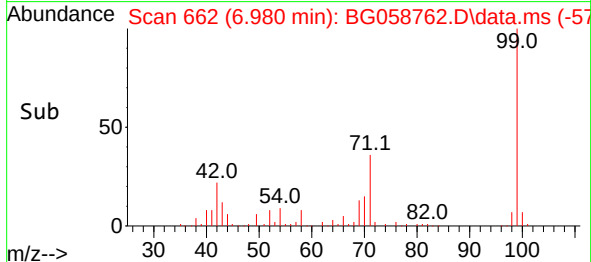
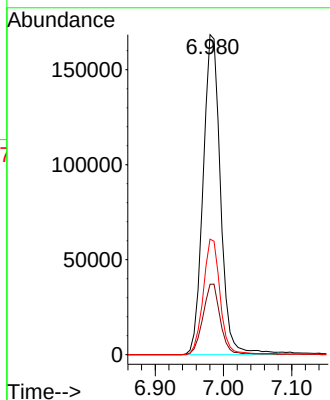
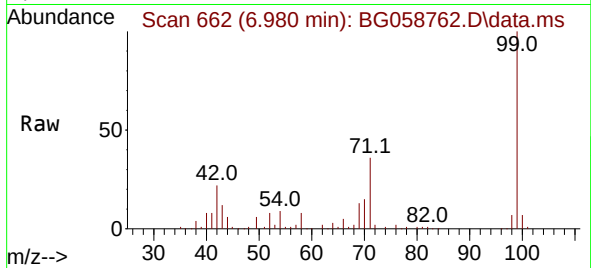




#7
Phenol-d6
Concen: 138.248 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

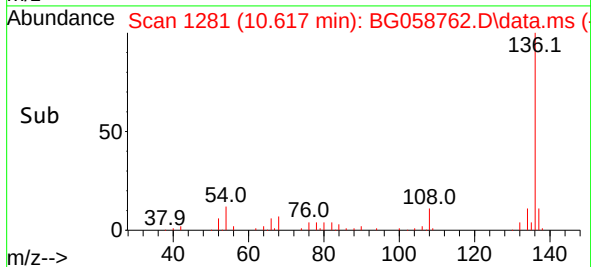
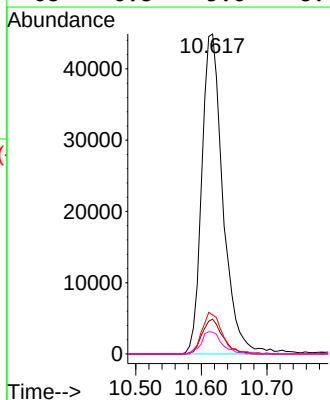
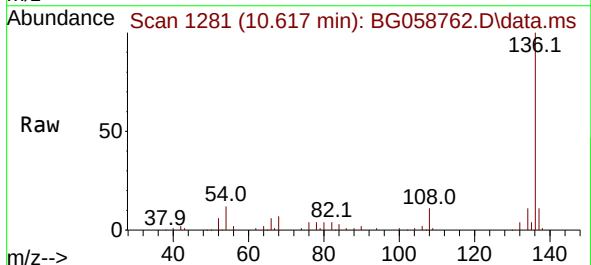
Instrument :
BNA_G
ClientSampleId :
PB154322TB

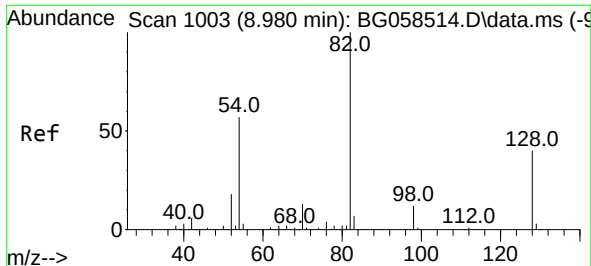
Tgt Ion: 99 Resp: 299809
Ion Ratio Lower Upper
99 100
42 22.0 14.6 21.8#
71 36.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:136 Resp: 100930
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.2 8.9 13.3
68 6.8 5.6 8.4

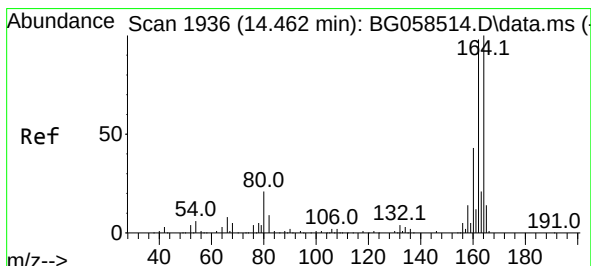
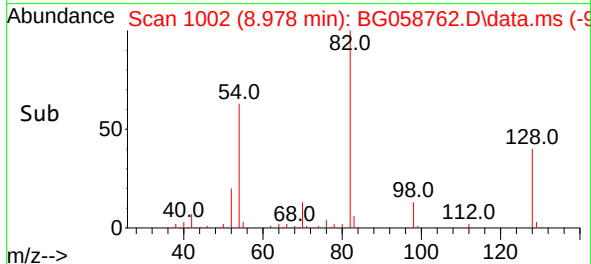
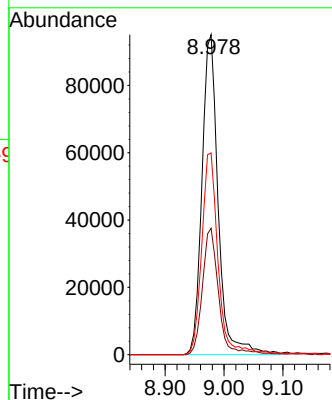
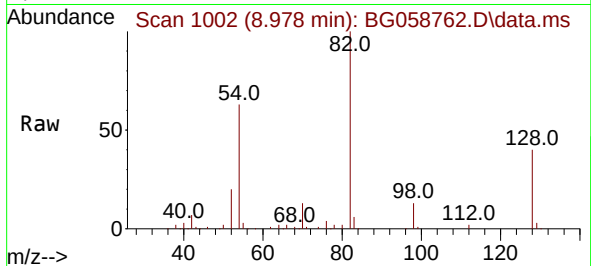




#23
Nitrobenzene-d5
Concen: 88.845 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

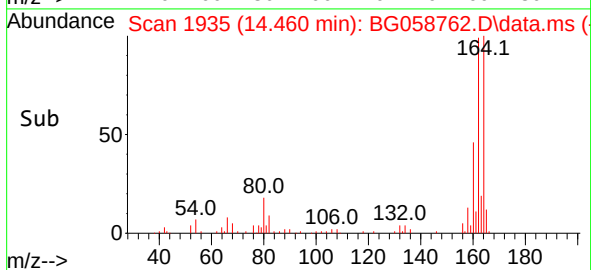
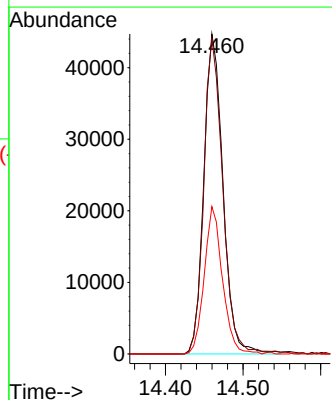
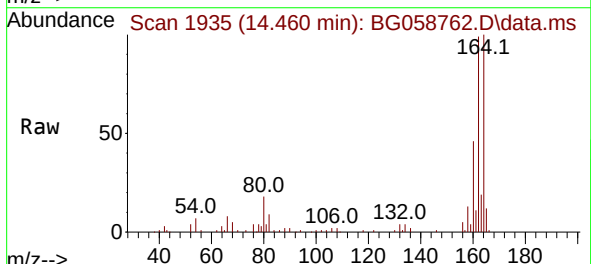
Instrument :
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ClientSampleId :
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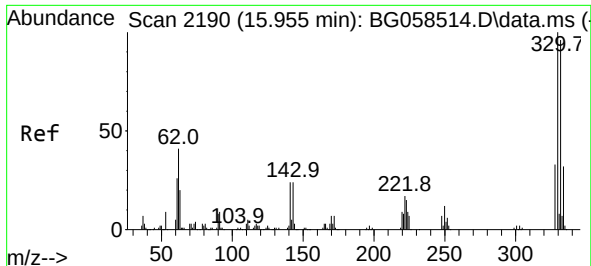
Tgt Ion: 82 Resp: 182535
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 63.0 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:164 Resp: 76822
Ion Ratio Lower Upper
164 100
162 98.7 78.3 117.5
160 46.0 34.1 51.1

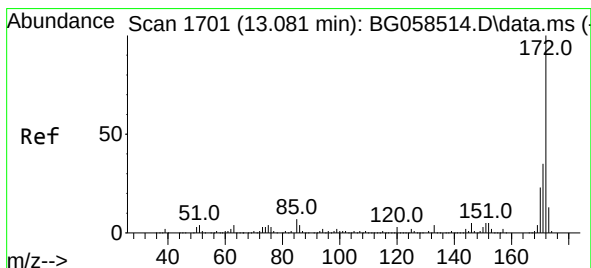
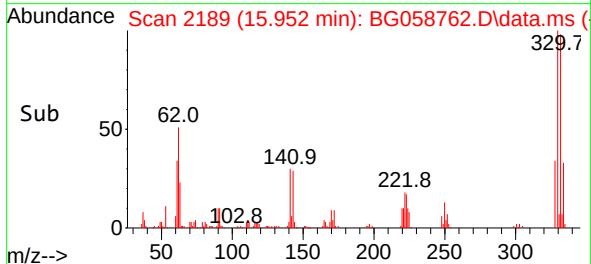
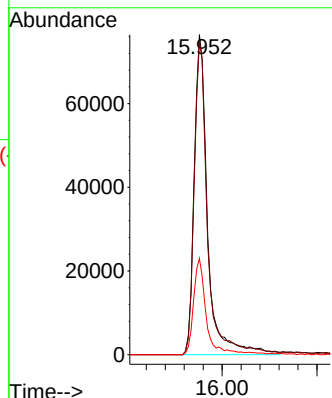
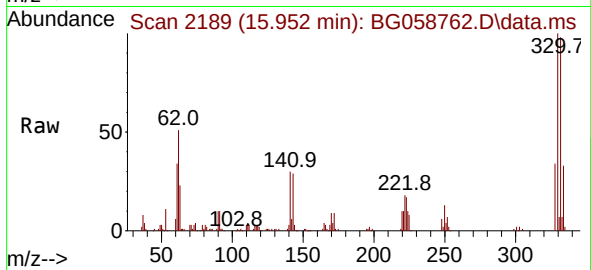




#42
2,4,6-Tribromophenol
Concen: 120.017 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

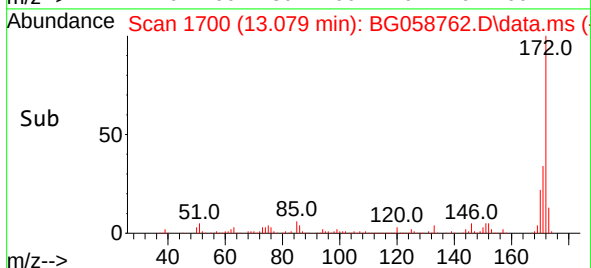
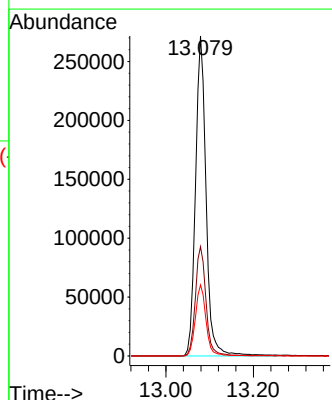
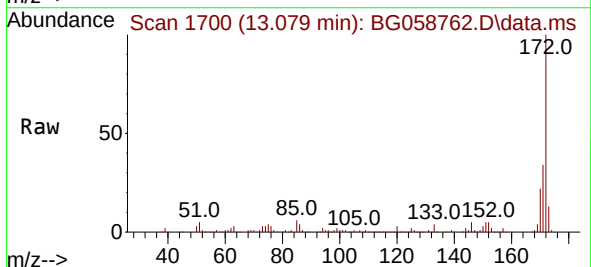
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ClientSampleId :
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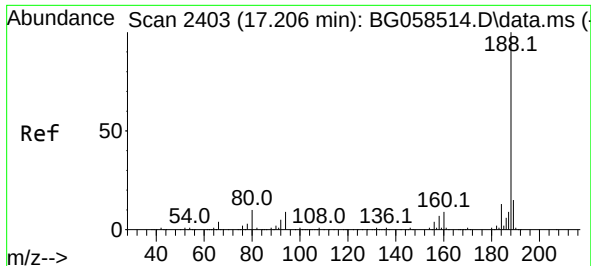
Tgt Ion:330 Resp: 151121
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 89.380 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:172 Resp: 458186
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.2 18.4 27.6

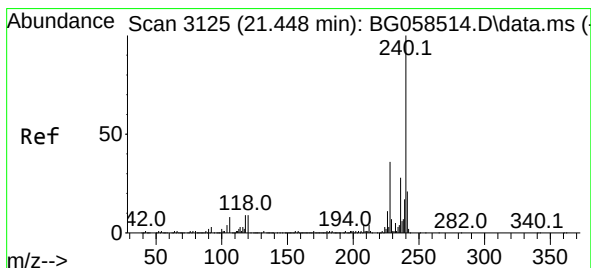
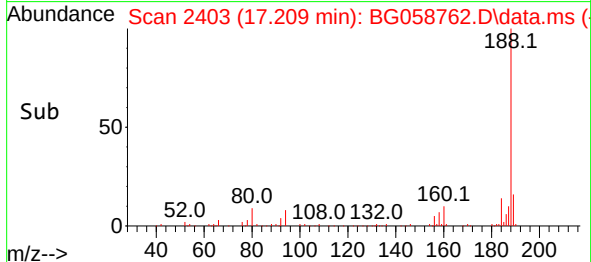
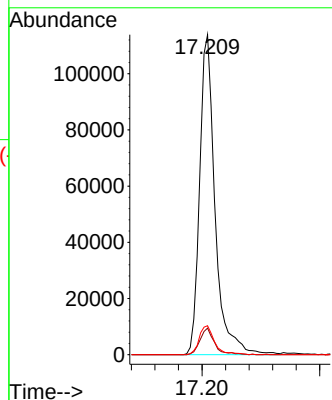
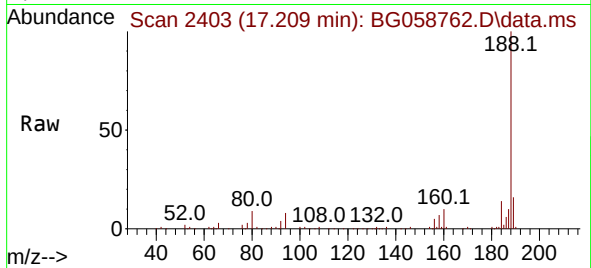




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

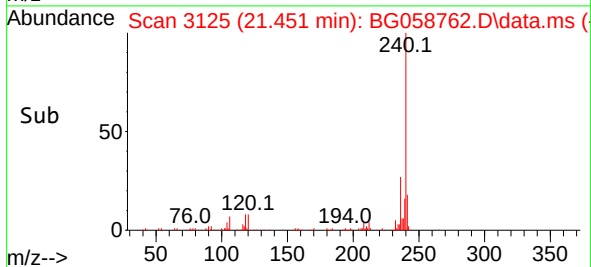
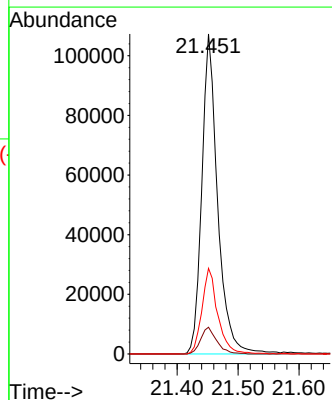
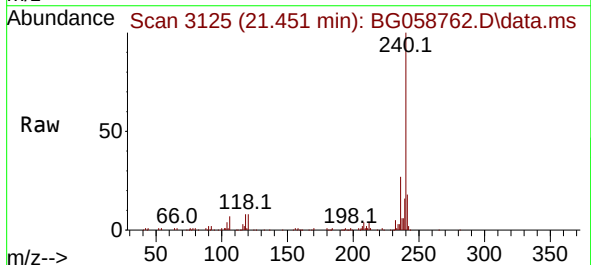
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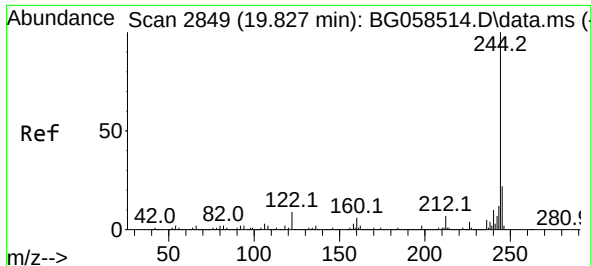
Tgt Ion:188 Resp: 207251
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058762.D
Acq: 17 Aug 2023 14:37

Tgt Ion:240 Resp: 193624
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 26.8 22.2 33.4

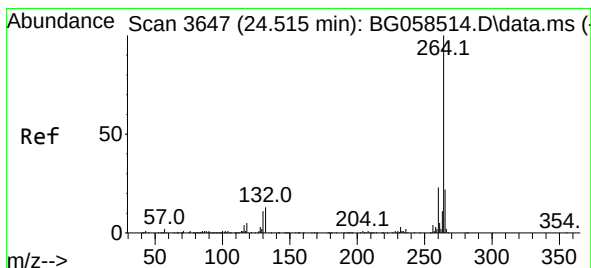
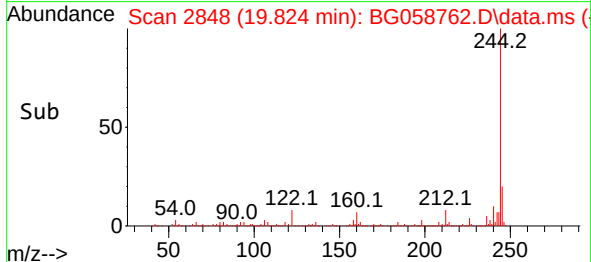
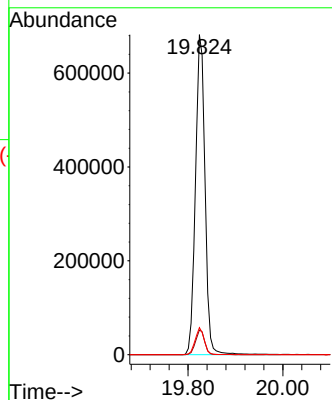
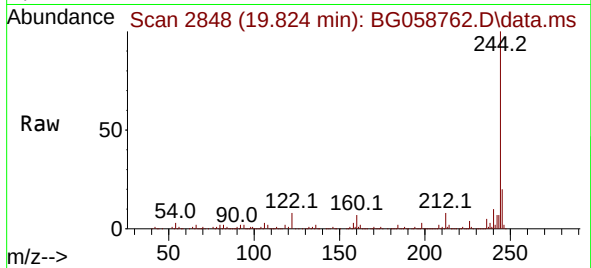




#79
 Terphenyl-d14
 Concen: 92.662 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058762.D
 Acq: 17 Aug 2023 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB154322TB

Tgt Ion:244 Resp: 954071
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 8.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.530 min Scan# 3649
 Delta R.T. 0.015 min
 Lab File: BG058762.D
 Acq: 17 Aug 2023 14:37

Tgt Ion:264 Resp: 229728
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.2 17.9 26.9

