

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057627.D
 Acq On : 31 May 2023 18:43
 Operator : CG/JU
 Sample : 02976-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jun 01 03:56:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	24328	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	91379	20.000	ng	0.00
39) Acenaphthene-d10	14.956	164	63017	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	169066	20.000	ng	0.00
76) Chrysene-d12	21.994	240	165147	20.000	ng	0.00
86) Perylene-d12	25.478	264	172592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	135833	97.001	ng	0.00
7) Phenol-d6	7.484	99	173076	78.976	ng	0.00
23) Nitrobenzene-d5	9.517	82	134425	68.767	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	95850	95.003	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	314342	71.686	ng	0.00
79) Terphenyl-d14	20.261	244	719670	75.486	ng	0.00

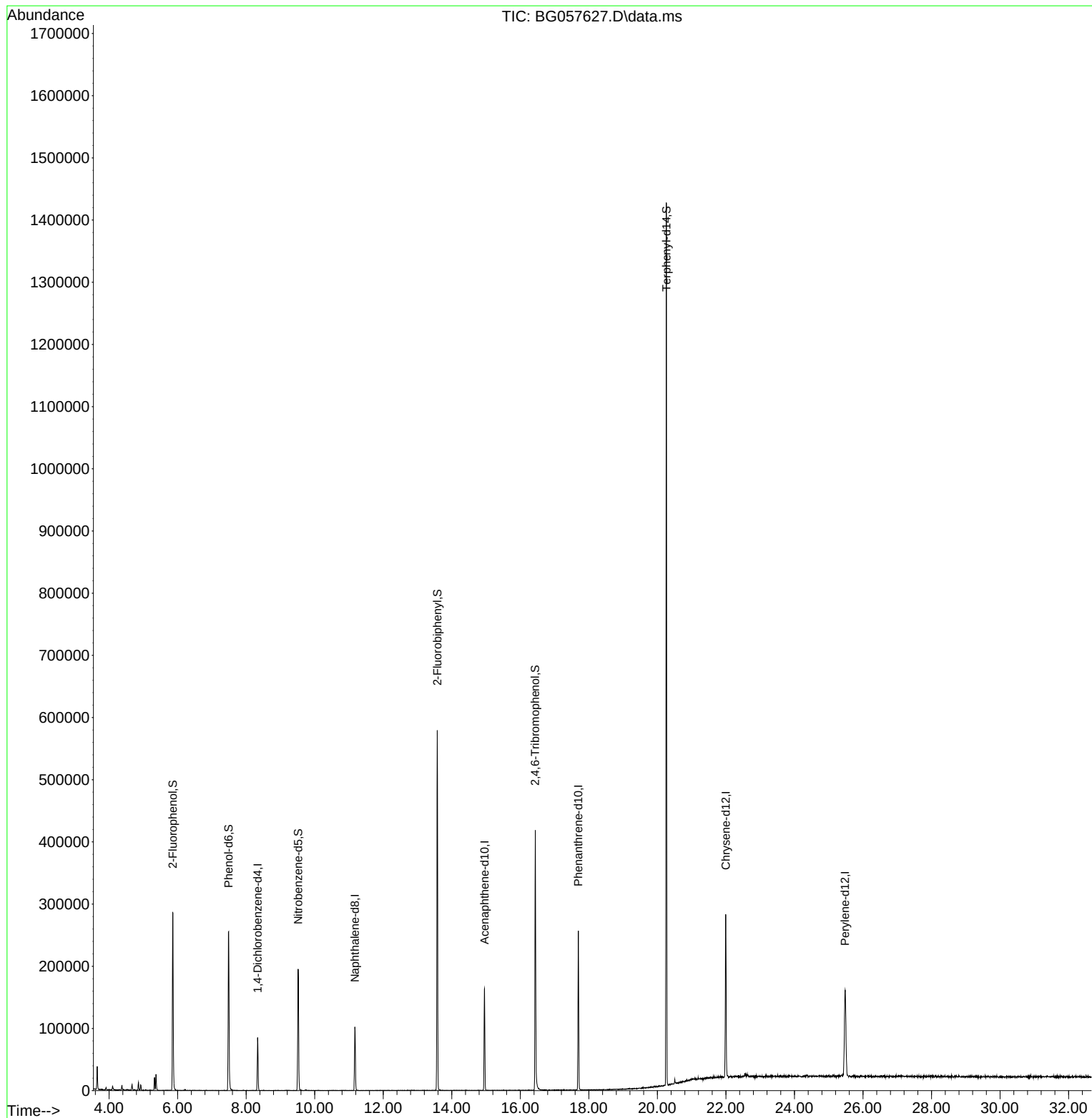
Target Compounds	Qvalue

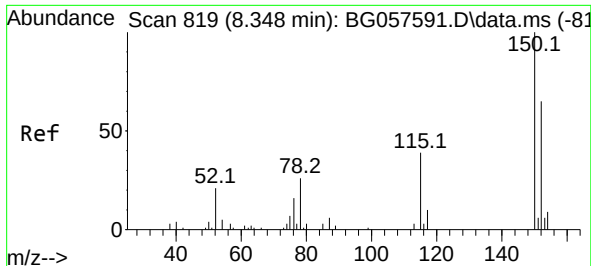
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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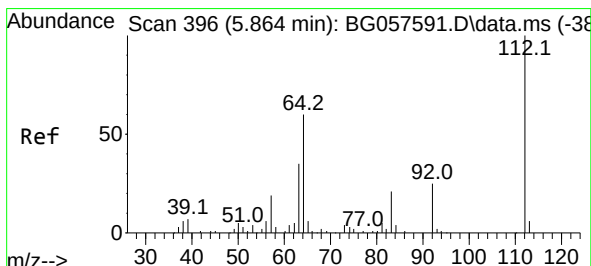
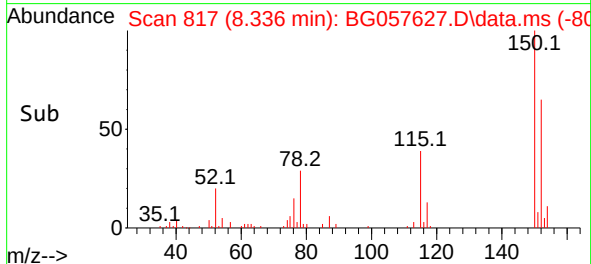
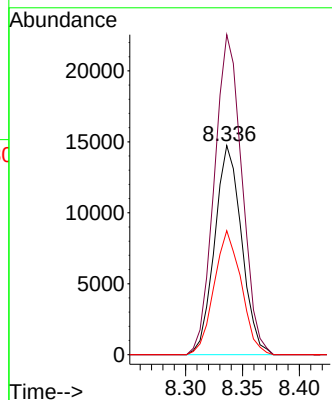
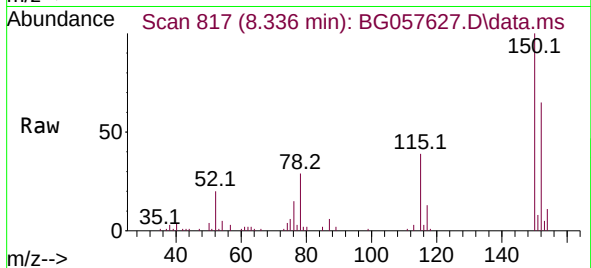




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

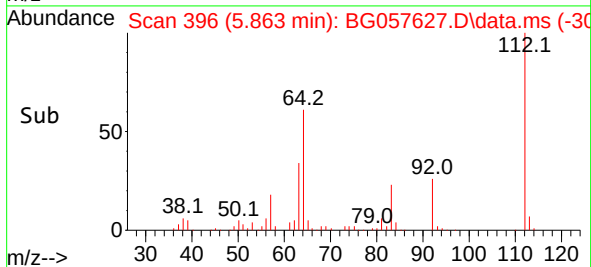
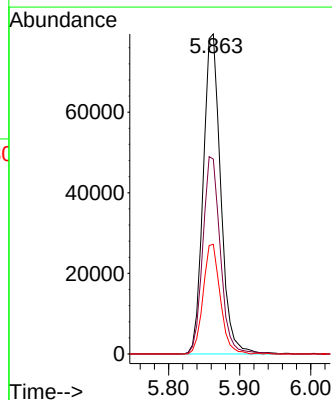
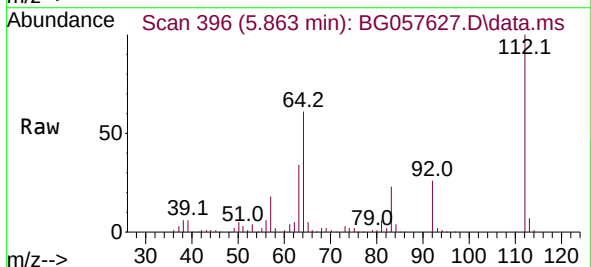
Instrument :
BNA_G
ClientSampleId :
TP-1

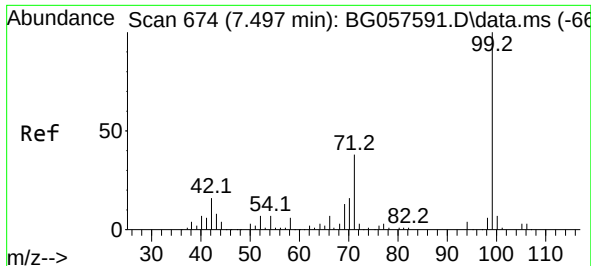
Tgt Ion:152 Resp: 24328
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 59.3 47.4 71.2



#5
2-Fluorophenol
Concen: 97.001 ng
RT: 5.863 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion:112 Resp: 135833
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.6
63 34.3 27.8 41.8

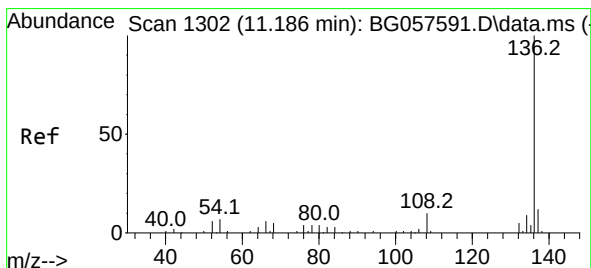
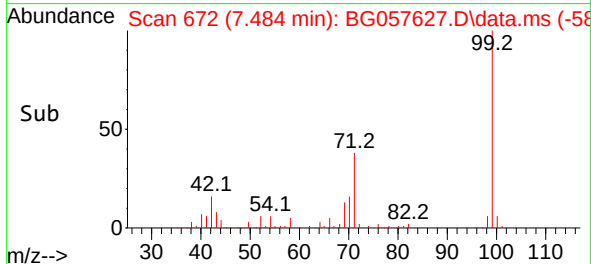
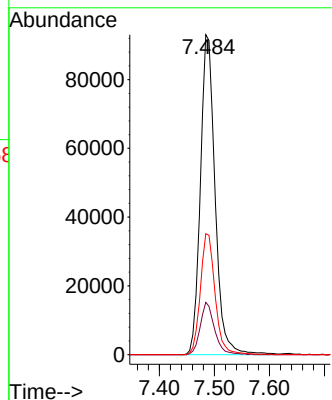
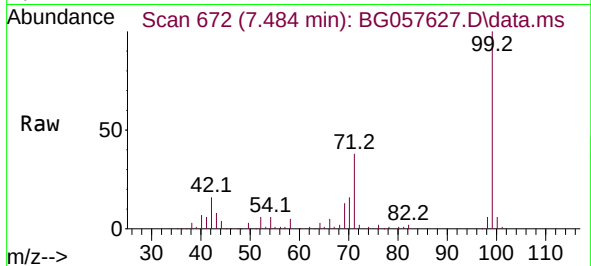




#7
Phenol-d6
Concen: 78.976 ng
RT: 7.484 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

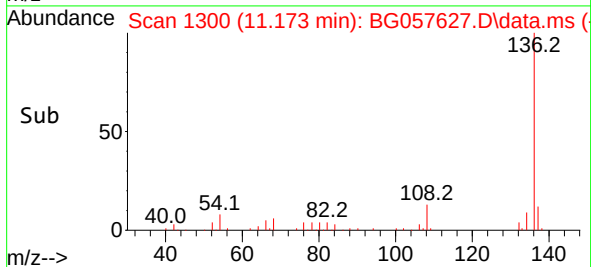
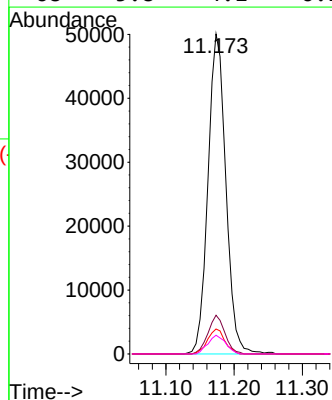
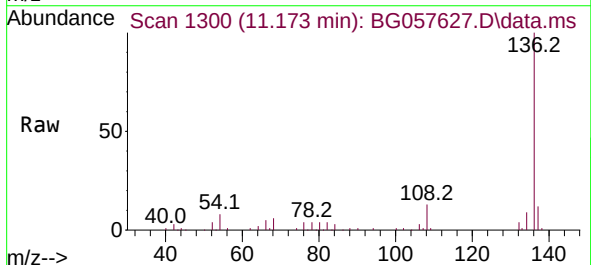
Instrument :
BNA_G
ClientSampleId :
TP-1

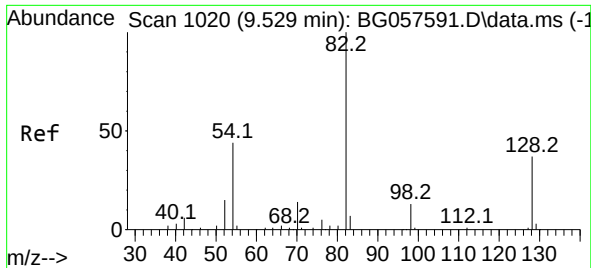
Tgt Ion: 99 Resp: 173076
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 37.8 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion: 136 Resp: 91379
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.8
54 7.8 5.8 8.6
68 5.8 4.1 6.1

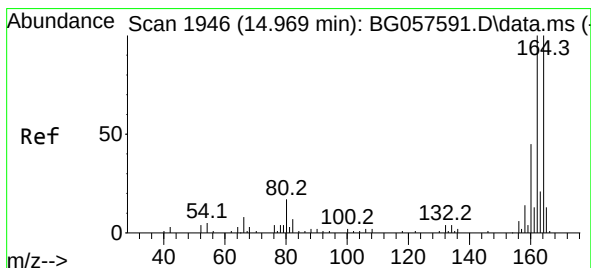
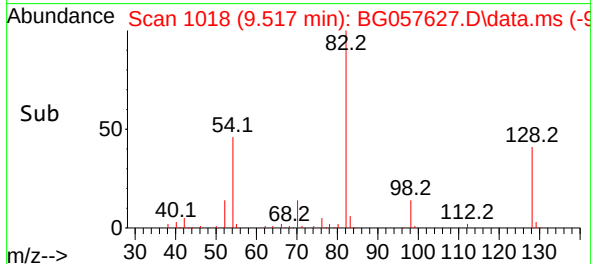
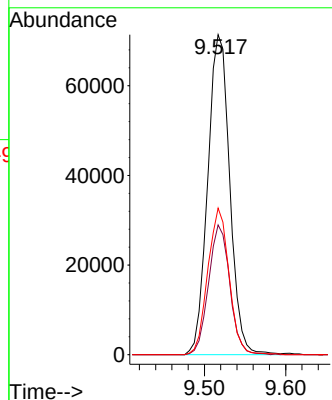
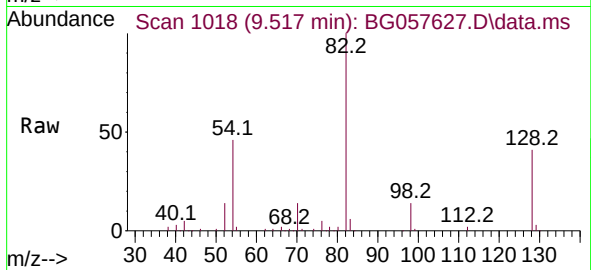




#23
Nitrobenzene-d5
Concen: 68.767 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

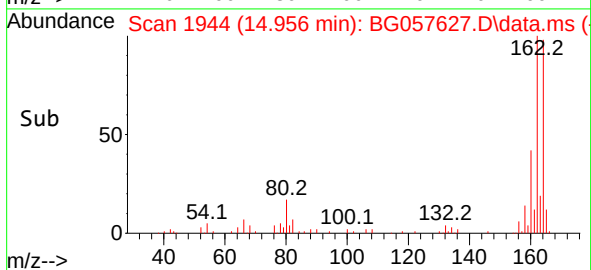
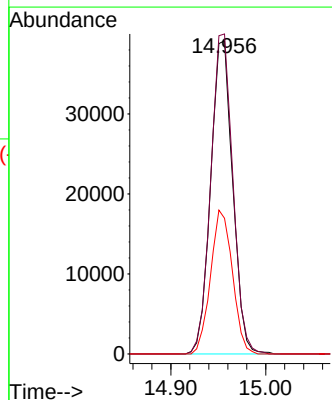
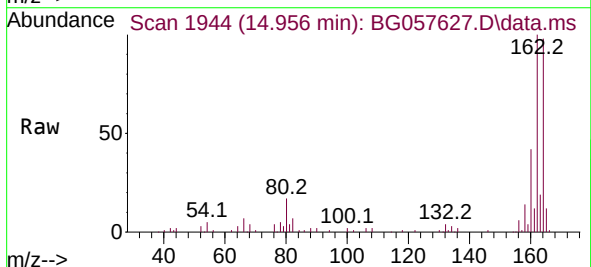
Instrument :
BNA_G
ClientSampleId :
TP-1

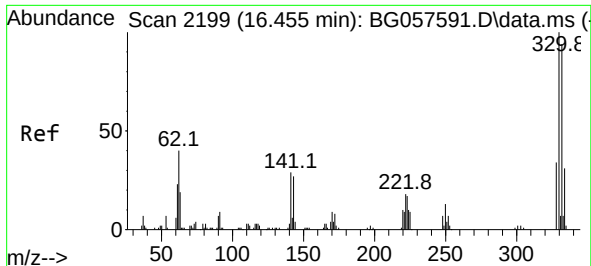
Tgt Ion: 82 Resp: 134425
Ion Ratio Lower Upper
82 100
128 40.6 30.0 45.0
54 45.8 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion:164 Resp: 63017
Ion Ratio Lower Upper
164 100
162 102.2 80.1 120.1
160 43.3 35.9 53.9

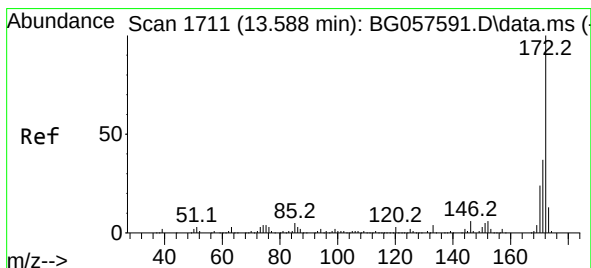
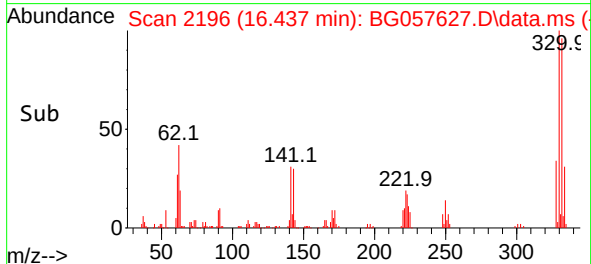
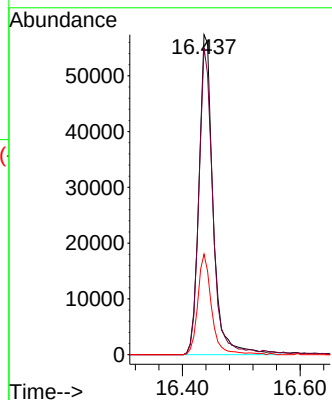
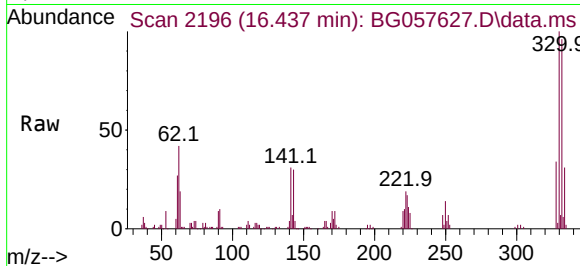




#42
2,4,6-Tribromophenol
Concen: 95.003 ng
RT: 16.437 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

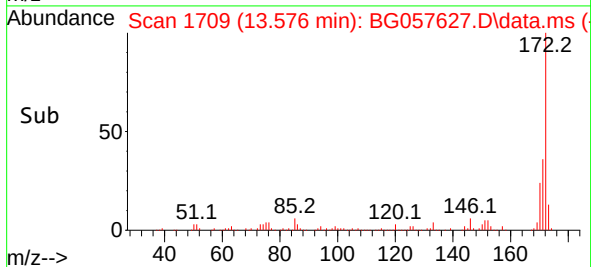
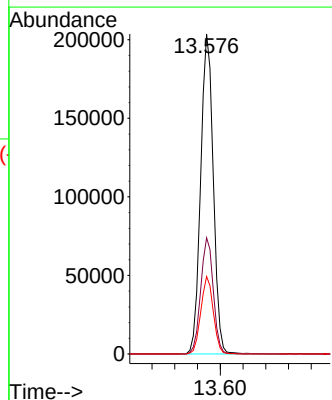
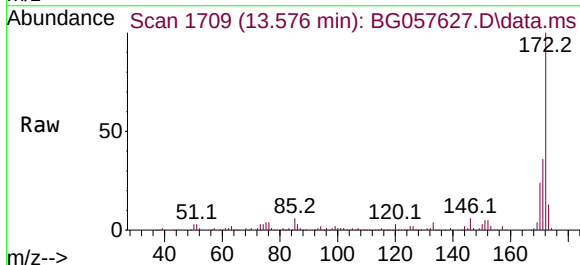
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ClientSampleId :
TP-1

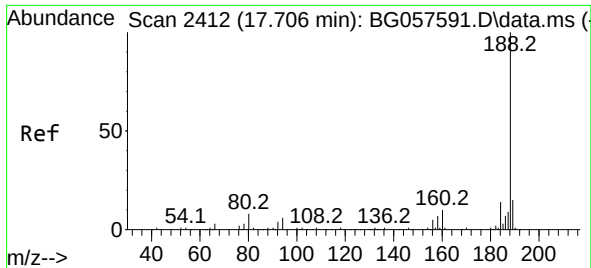
Tgt Ion:330 Resp: 95850
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 30.6 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 71.686 ng
RT: 13.576 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion:172 Resp: 314342
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.2 19.0 28.4

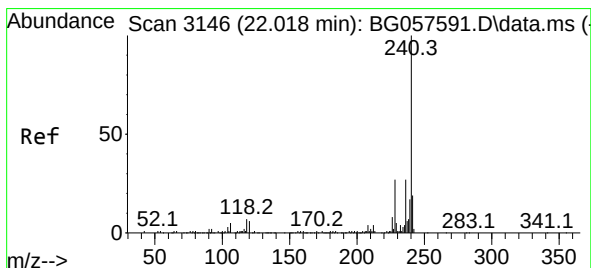
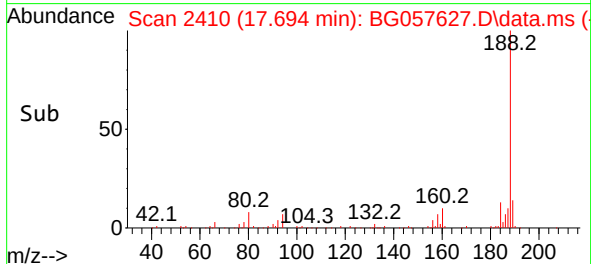
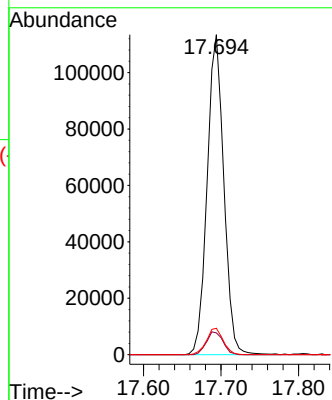
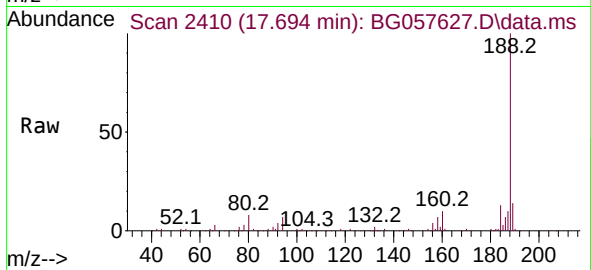




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

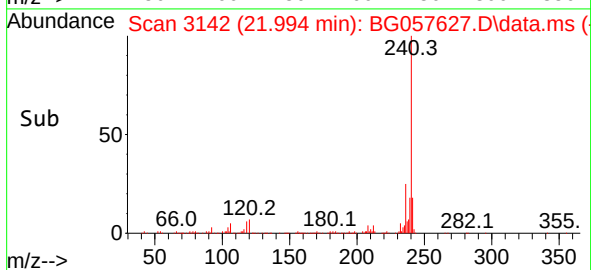
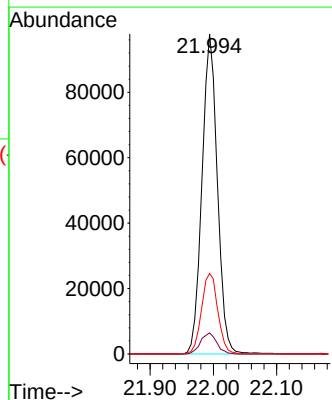
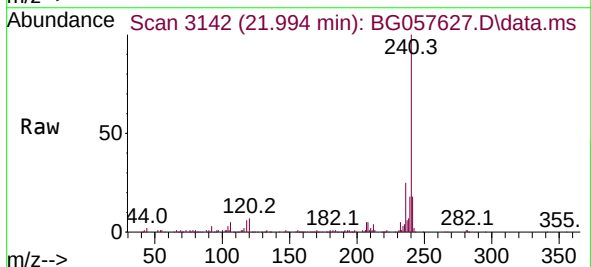
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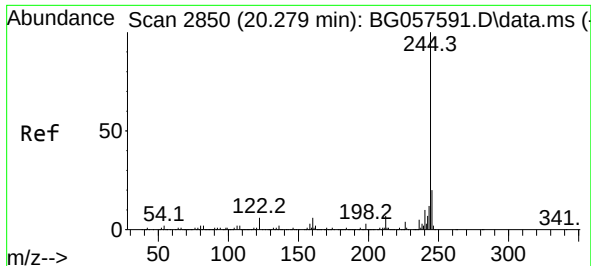
Tgt Ion:188 Resp: 169066
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.2 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.994 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion:240 Resp: 165147
Ion Ratio Lower Upper
240 100
120 6.6 5.2 7.8
236 25.1 21.4 32.0

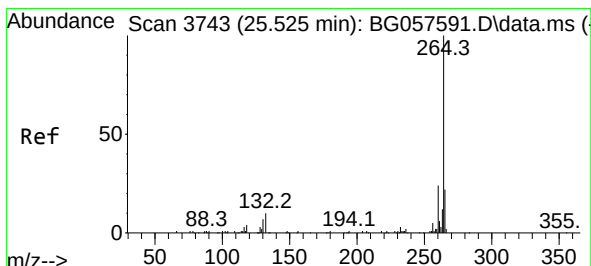
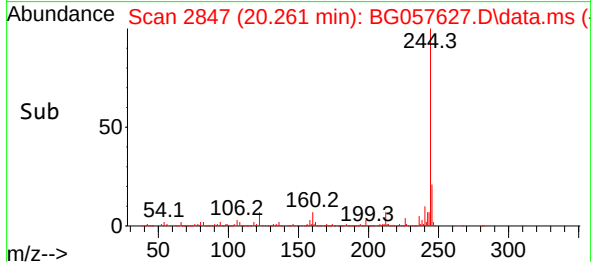
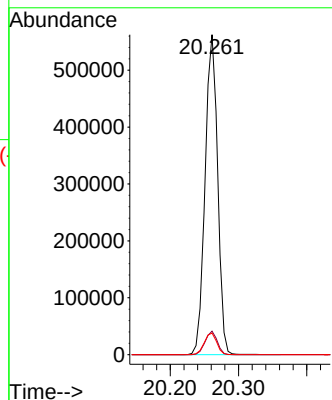
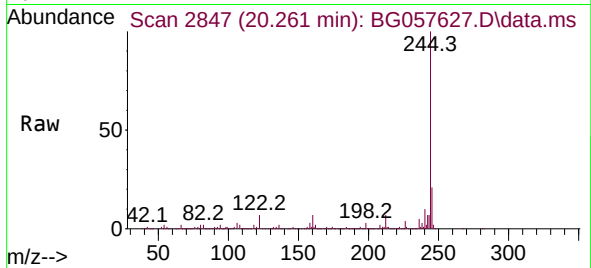




#79
 Terphenyl-d14
 Concen: 75.486 ng
 RT: 20.261 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057627.D
 Acq: 31 May 2023 18:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 719670
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 6.7 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.478 min Scan# 3735
 Delta R.T. -0.021 min
 Lab File: BG057627.D
 Acq: 31 May 2023 18:43

Tgt Ion:264 Resp: 172592
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 17.7 26.5

