

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058799.D
 Acq On : 21 Aug 2023 18:37
 Operator : MA/JU
 Sample : 04043-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Quant Time: Aug 22 01:29:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	21111	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	87994	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	65305	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	172181	20.000	ng	0.00
76) Chrysene-d12	21.450	240	158818	20.000	ng	0.00
86) Perylene-d12	24.523	264	183392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	192106	146.439	ng	0.00
7) Phenol-d6	6.985	99	241375	131.144	ng	0.00
23) Nitrobenzene-d5	8.977	82	176395	96.378	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	144023	140.652	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	431082	96.010	ng	0.00
79) Terphenyl-d14	19.823	244	872362	98.629	ng	0.00

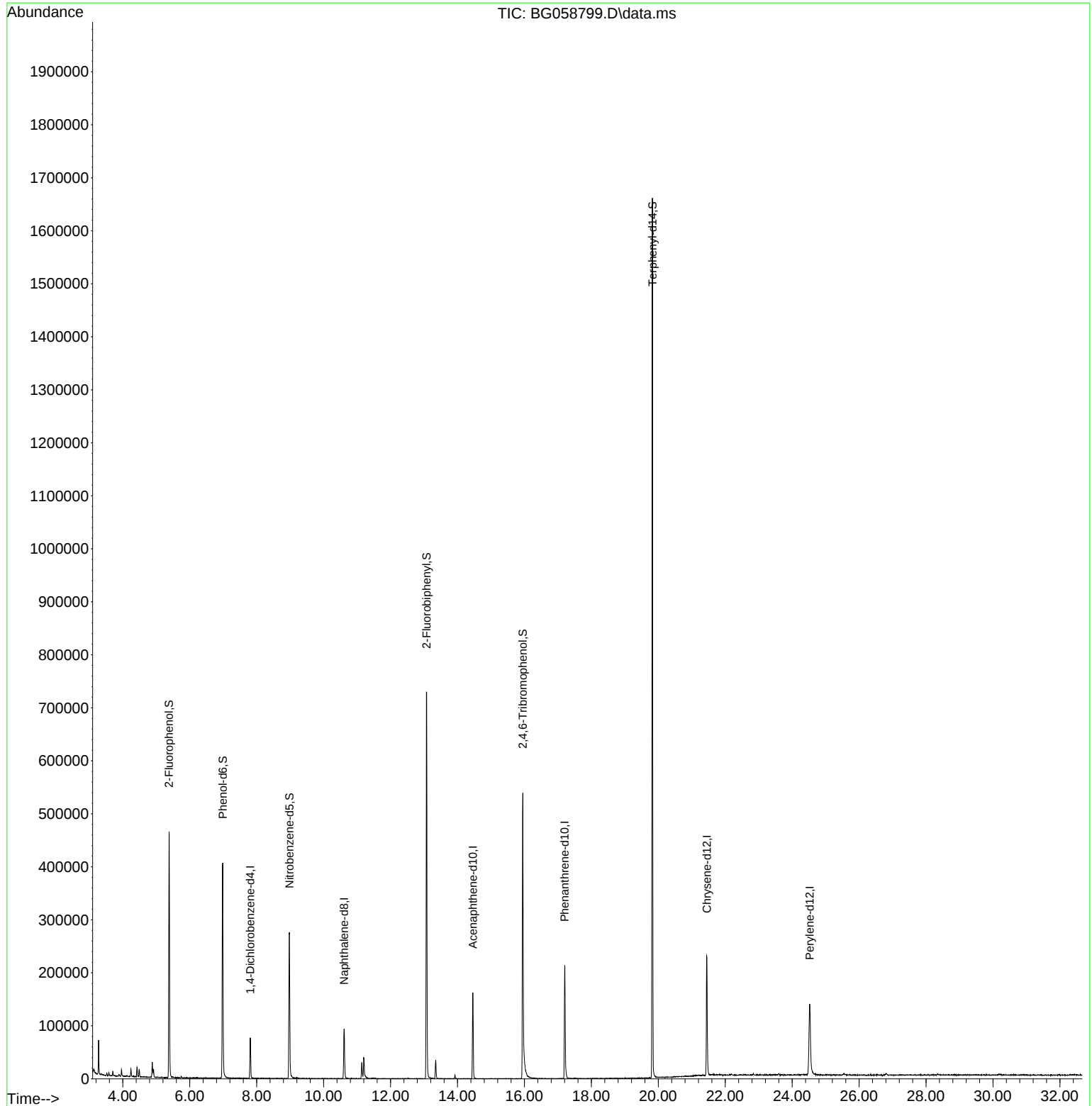
Target Compounds	Qvalue

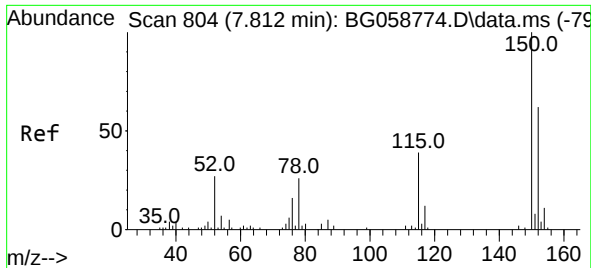
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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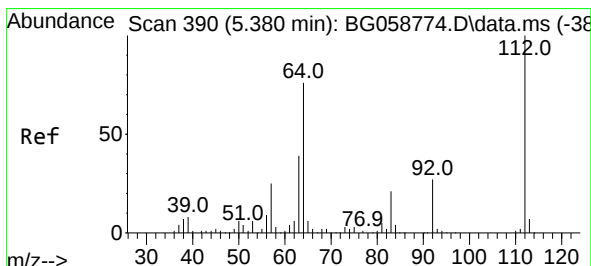
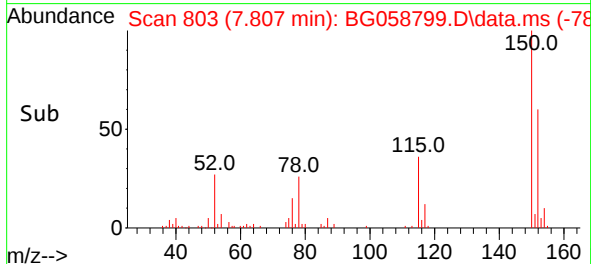
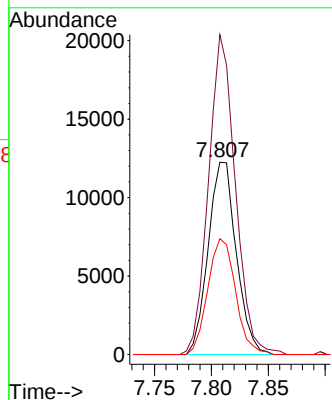
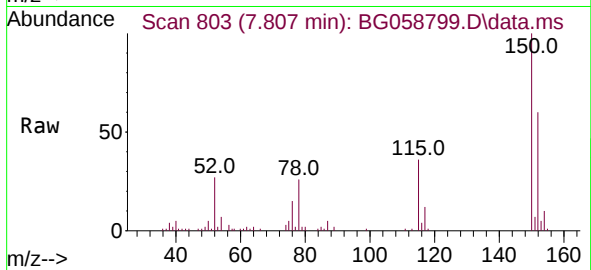




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

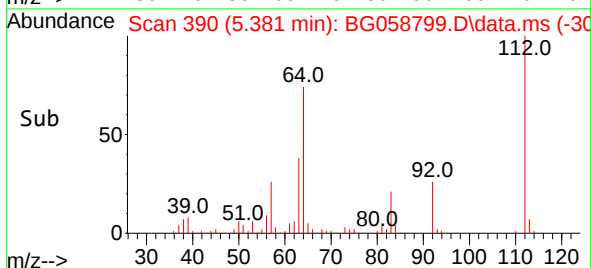
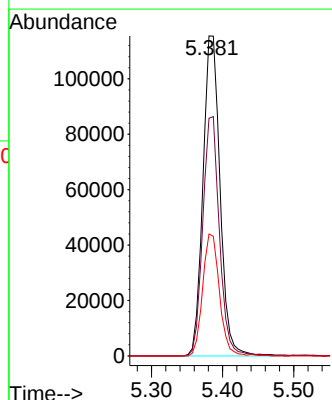
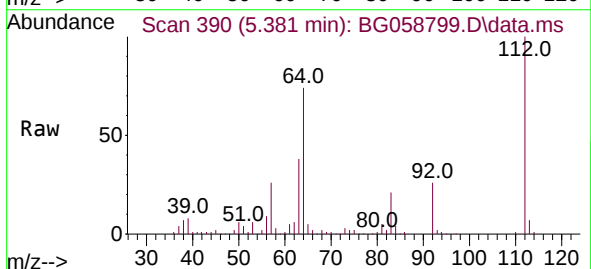
Instrument :
BNA_G
ClientSampleId :
E-4

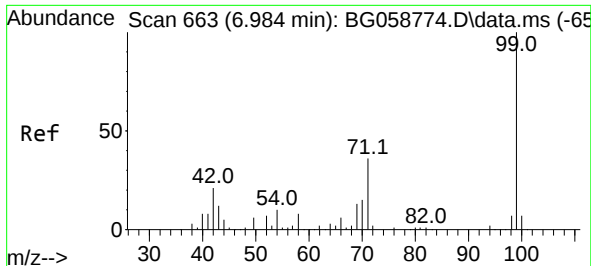
Tgt Ion:152 Resp: 21111
Ion Ratio Lower Upper
152 100
150 166.4 128.6 192.8
115 60.3 50.4 75.6



#5
2-Fluorophenol
Concen: 146.439 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:112 Resp: 192106
Ion Ratio Lower Upper
112 100
64 74.3 60.6 90.8
63 38.1 31.0 46.4

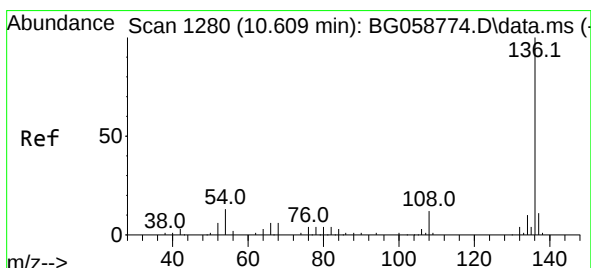
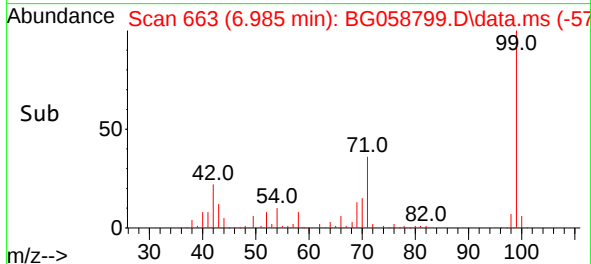
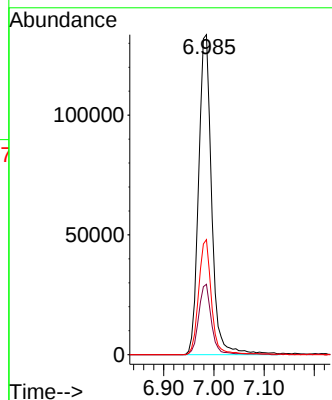
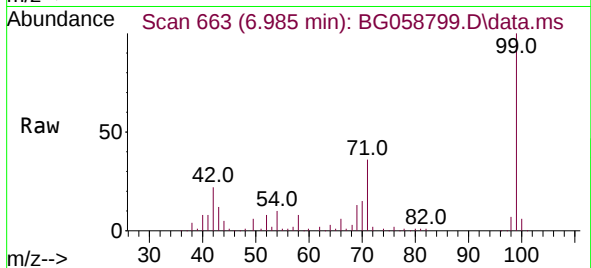




#7
Phenol-d6
Concen: 131.144 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

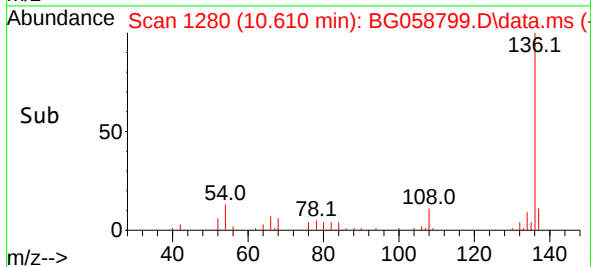
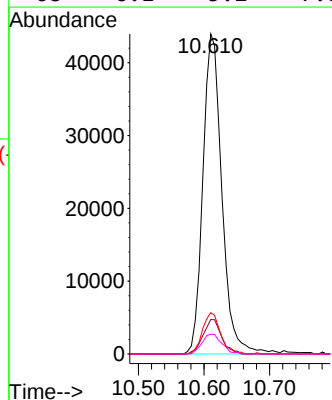
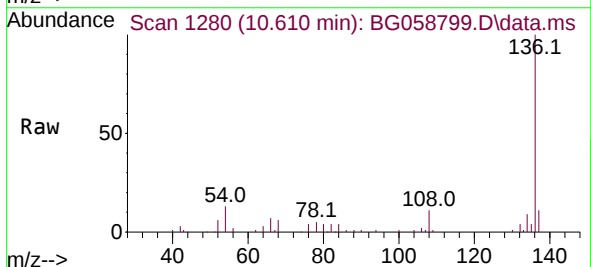
Instrument :
BNA_G
ClientSampleId :
E-4

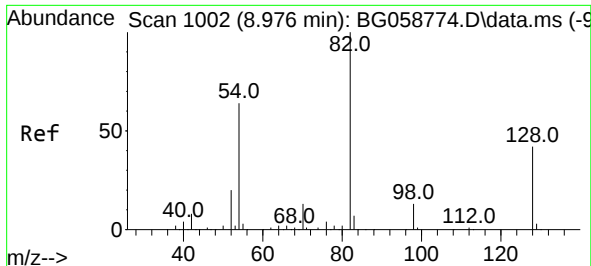
Tgt Ion: 99 Resp: 241375
Ion Ratio Lower Upper
99 100
42 22.0 16.5 24.7
71 35.9 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1280
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:136 Resp: 87994
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.9 10.1 15.1
68 6.1 5.2 7.8

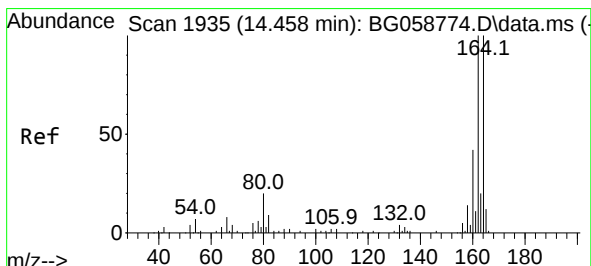
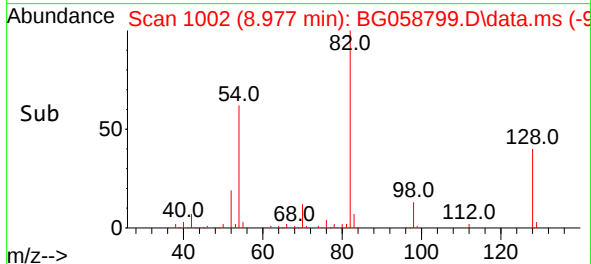
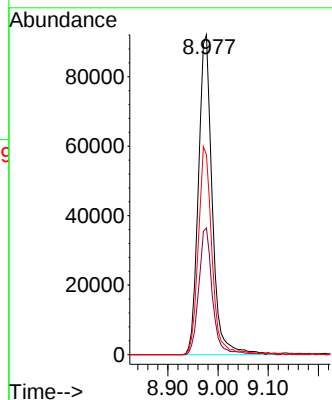
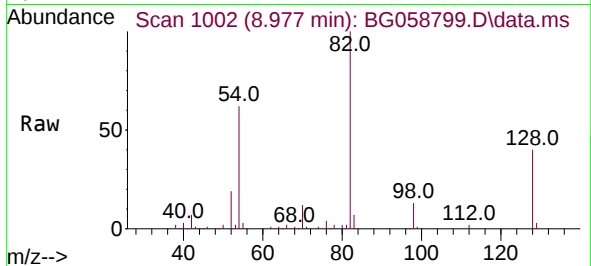




#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

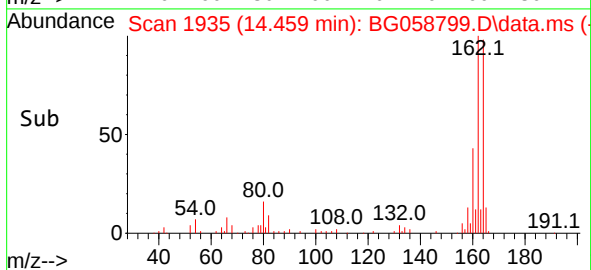
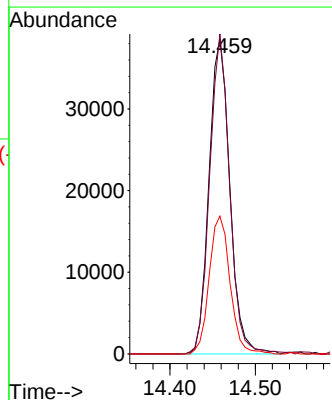
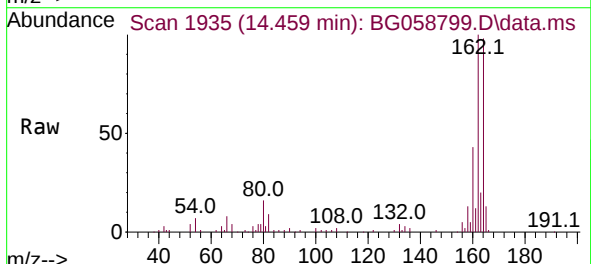
Instrument :
BNA_G
ClientSampleId :
E-4

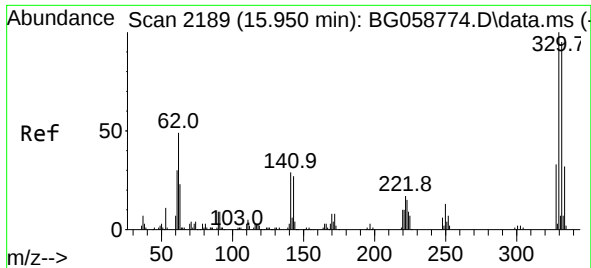
Tgt Ion: 82 Resp: 176395
Ion Ratio Lower Upper
82 100
128 39.6 33.2 49.8
54 62.5 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:164 Resp: 65305
Ion Ratio Lower Upper
164 100
162 101.6 79.6 119.4
160 43.7 34.0 51.0

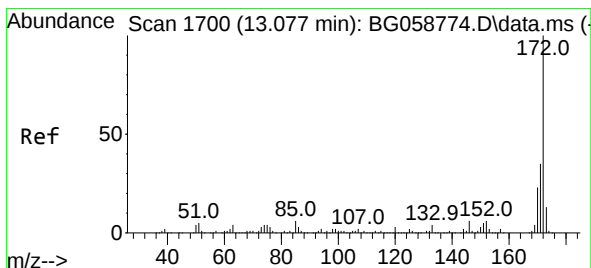
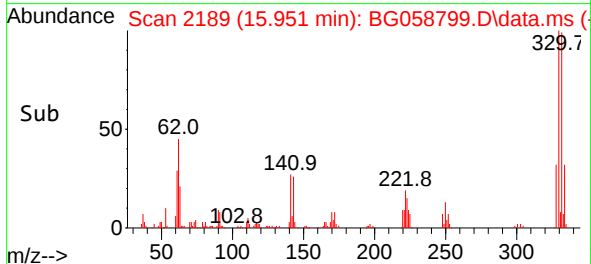
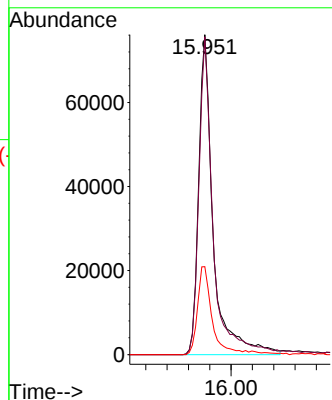
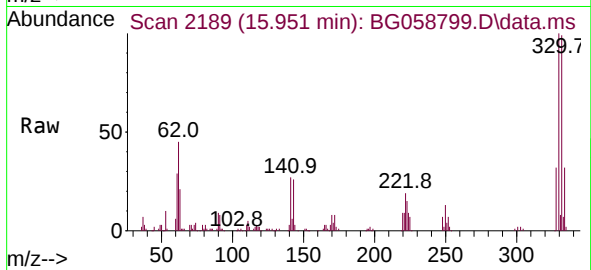




#42
2,4,6-Tribromophenol
Concen: 140.652 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

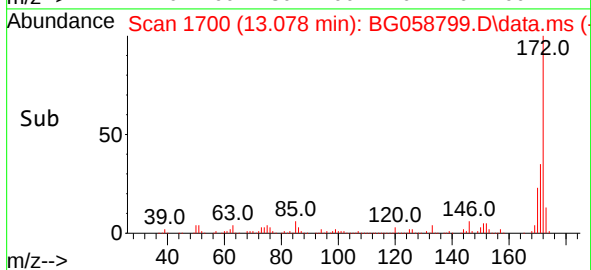
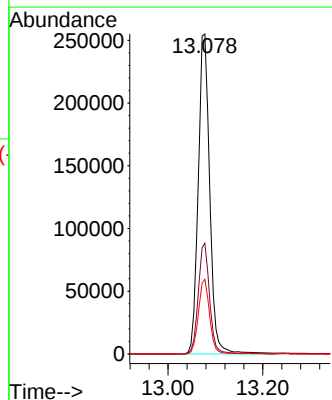
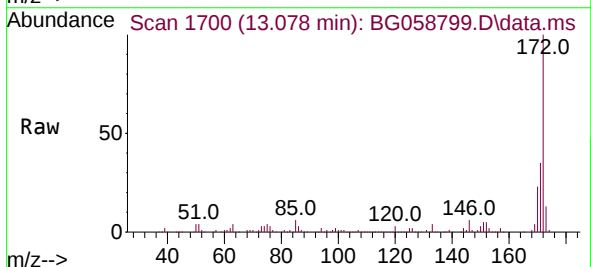
Instrument :
BNA_G
ClientSampleId :
E-4

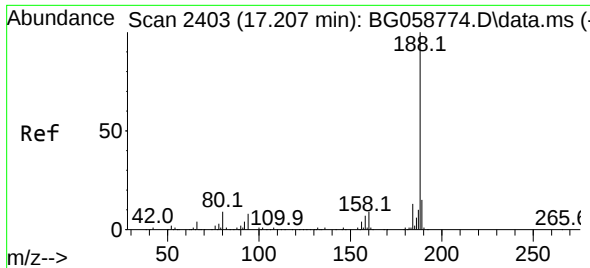
Tgt Ion:330 Resp: 144023
Ion Ratio Lower Upper
330 100
332 98.0 78.5 117.7
141 27.0 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 96.010 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:172 Resp: 431082
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.6 27.8

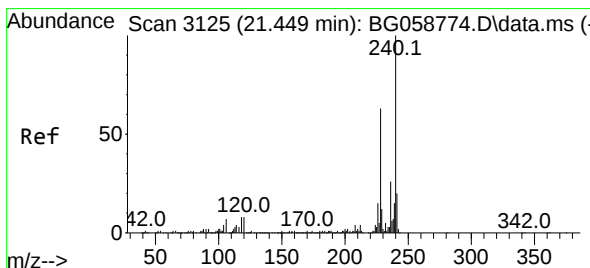
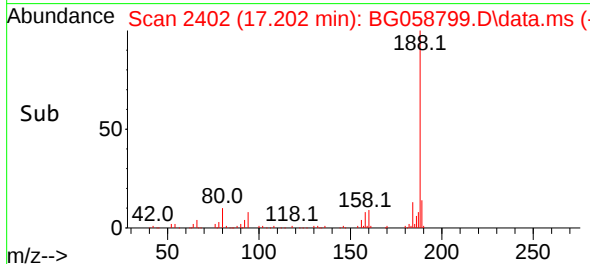
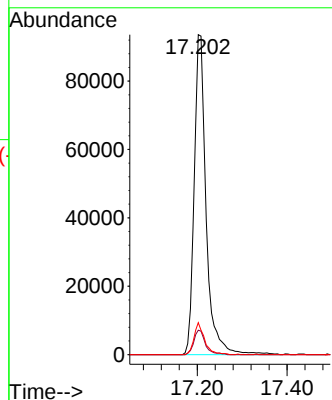
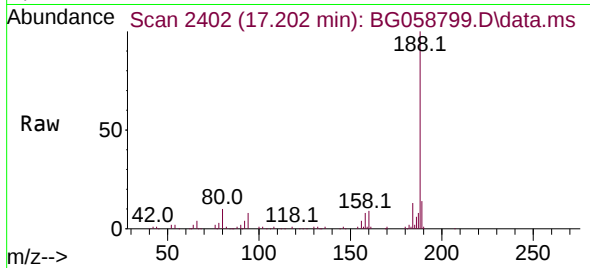




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

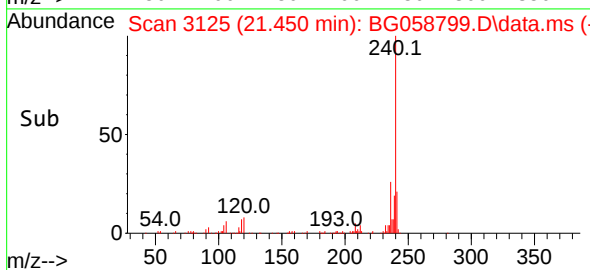
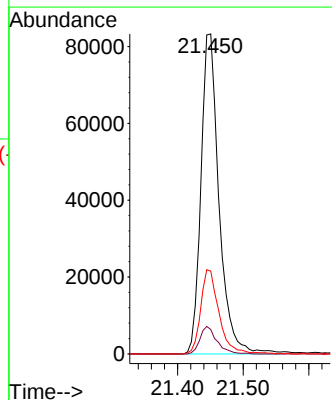
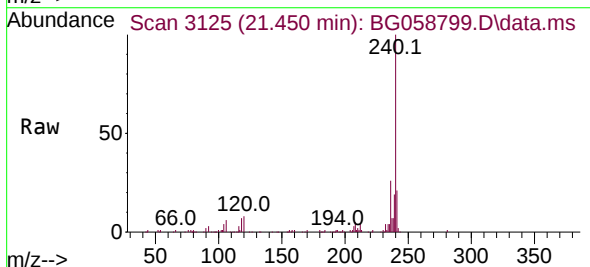
Instrument :
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ClientSampleId :
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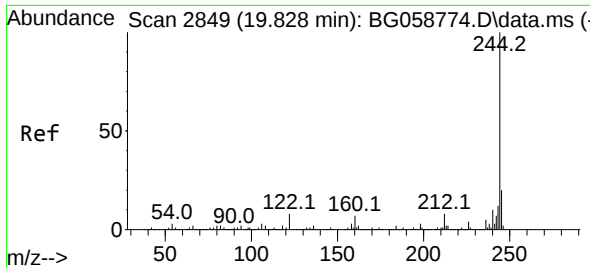
Tgt Ion:188 Resp: 172181
Ion Ratio Lower Upper
188 100
94 7.6 6.1 9.1
80 10.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:240 Resp: 158818
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 25.9 20.5 30.7

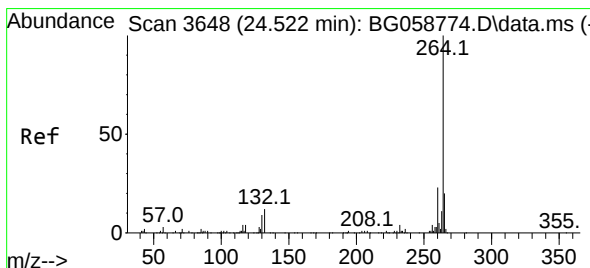
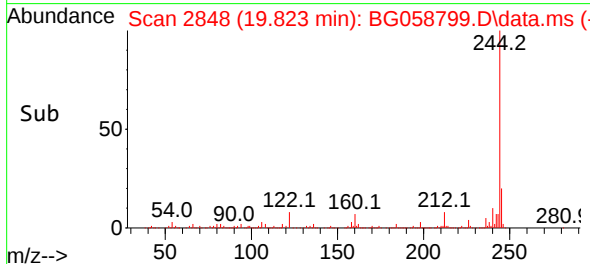
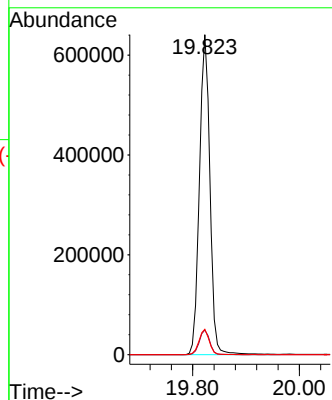
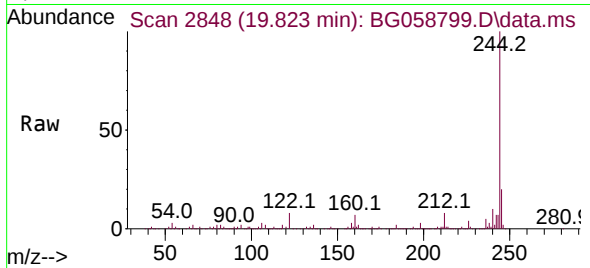




#79
 Terphenyl-d14
 Concen: 98.629 ng
 RT: 19.823 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG058799.D
 Acq: 21 Aug 2023 18:37

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Tgt Ion:244 Resp: 872362
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 7.9 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 3648
 Delta R.T. 0.001 min
 Lab File: BG058799.D
 Acq: 21 Aug 2023 18:37

Tgt Ion:264 Resp: 183392
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.2 27.2
 265 22.0 16.4 24.6

