

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055834.D
 Acq On : 29 Nov 2022 18:46
 Operator : CG/JU
 Sample : N5795-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Nov 30 02:06:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

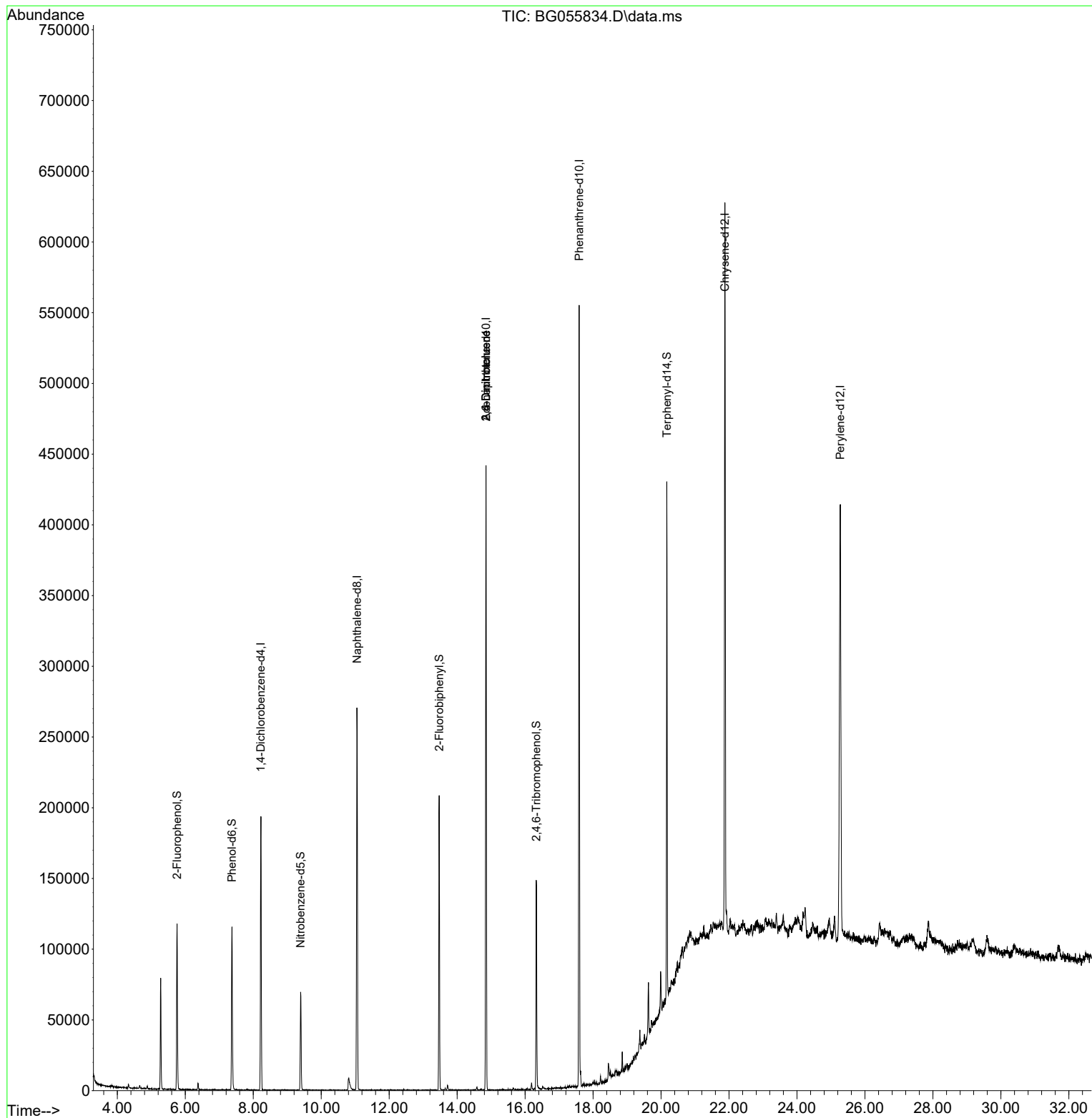
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	55074	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	233740	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	164040	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	357687	20.000	ng	0.00
76) Chrysene-d12	21.880	240	327694	20.000	ng	0.00
86) Perylene-d12	25.276	264	358721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	51986	17.062	ng	0.00
7) Phenol-d6	7.373	99	67440	16.627	ng	0.00
23) Nitrobenzene-d5	9.395	82	42497	9.610	ng	0.00
42) 2,4,6-Tribromophenol	16.333	330	33318	14.424	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	110664	10.107	ng	0.00
79) Terphenyl-d14	20.170	244	182151	11.118	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.847	165	21288	7.962	ng	Qvalue # 24
57) 2,4-Dinitrotoluene	14.847	165	21288	5.647	ng	# 22

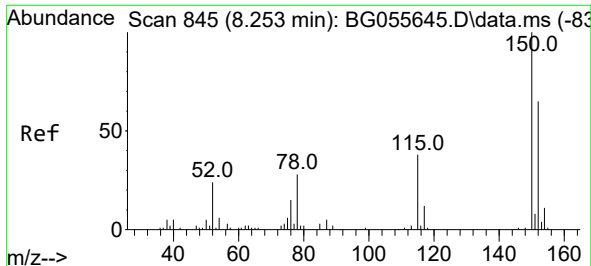
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 02:06:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

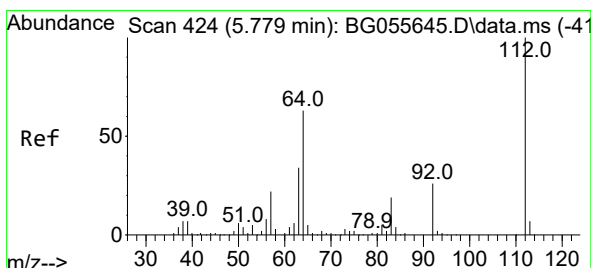
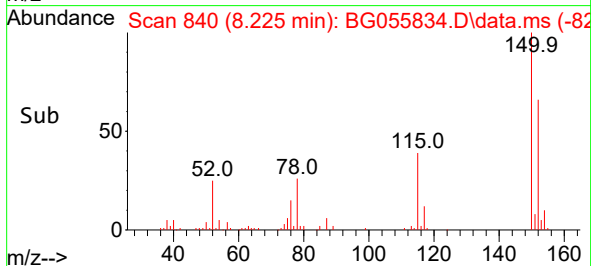
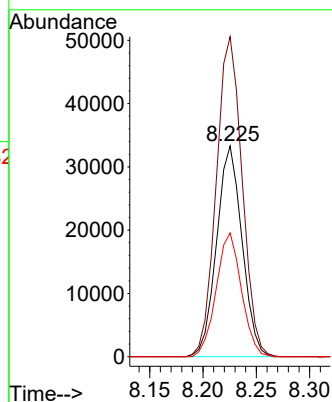
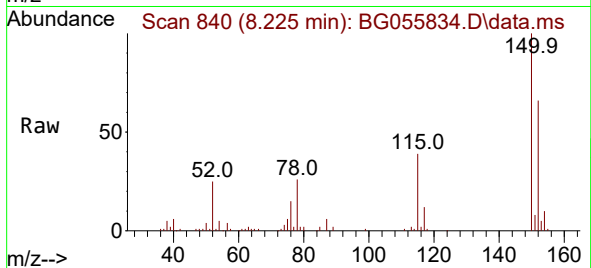




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

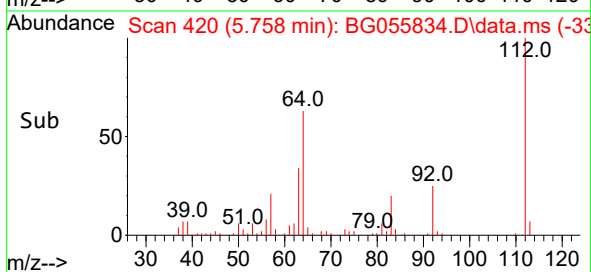
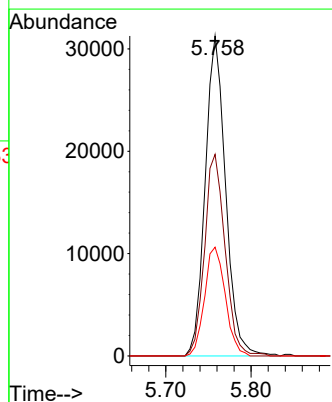
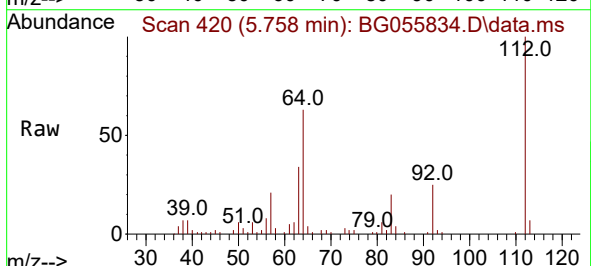
Instrument :
BNA_G
ClientSampleId :
TP-10

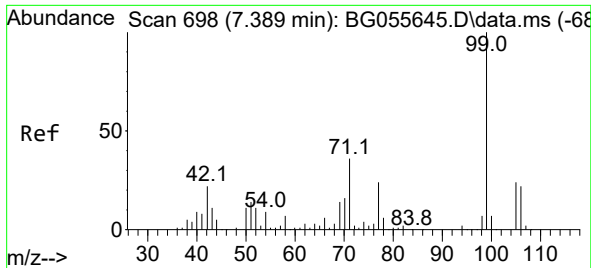
Tgt Ion:152 Resp: 55074
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 17.062 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

Tgt Ion:112 Resp: 51986
Ion Ratio Lower Upper
112 100
64 63.0 50.6 76.0
63 34.0 27.5 41.3

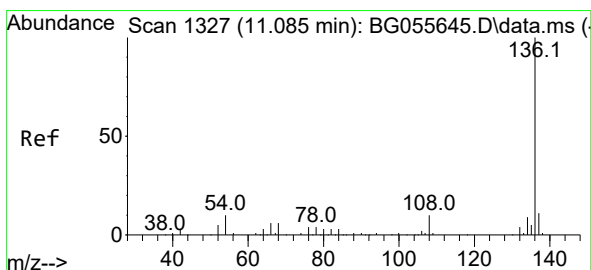
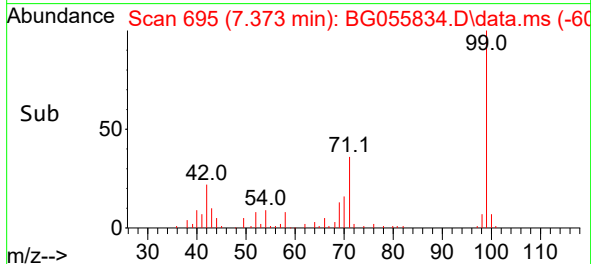
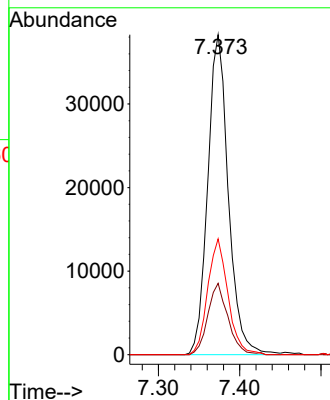
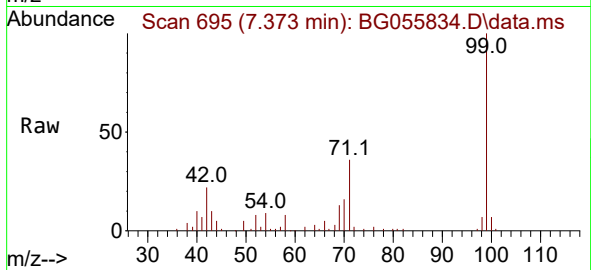




#7
Phenol-d6
Concen: 16.627 ng
RT: 7.373 min Scan# 695
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

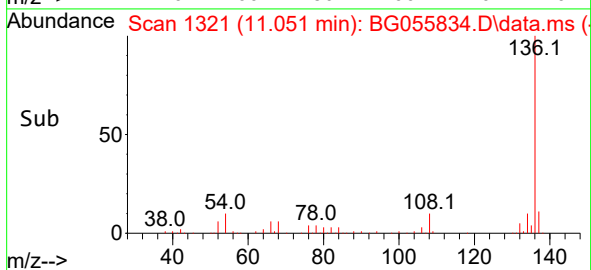
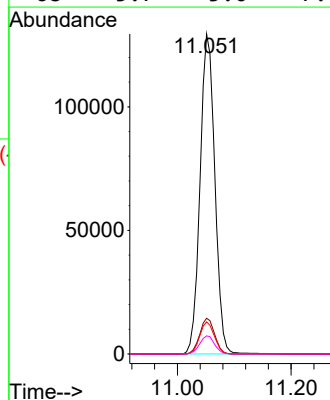
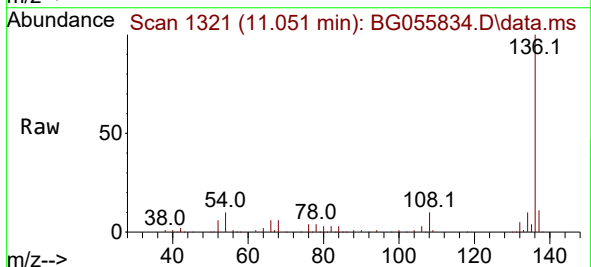
Instrument :
BNA_G
ClientSampleId :
TP-10

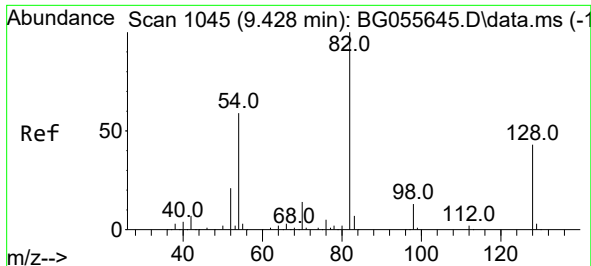
Tgt Ion: 99 Resp: 67440
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

Tgt Ion:136 Resp: 233740
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.0 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.610 ng

RT: 9.395 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055834.D

Acq: 29 Nov 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-10

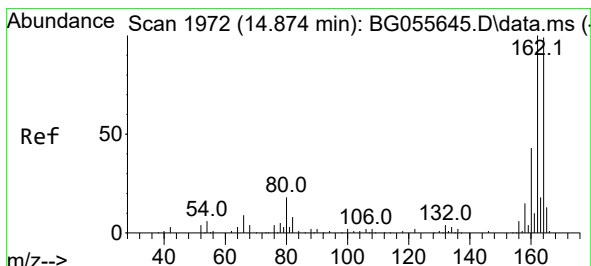
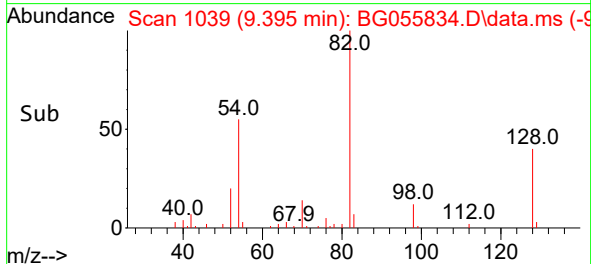
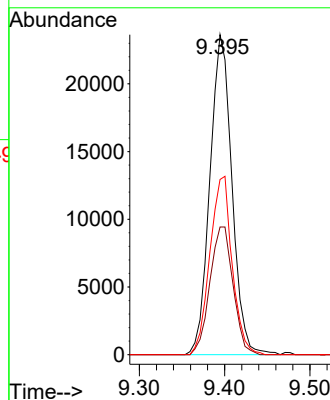
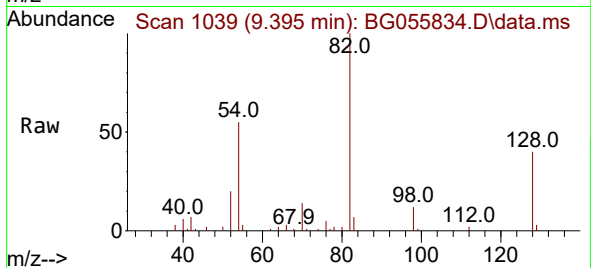
Tgt Ion: 82 Resp: 42497

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

54 54.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.847 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BG055834.D

Acq: 29 Nov 2022 18:46

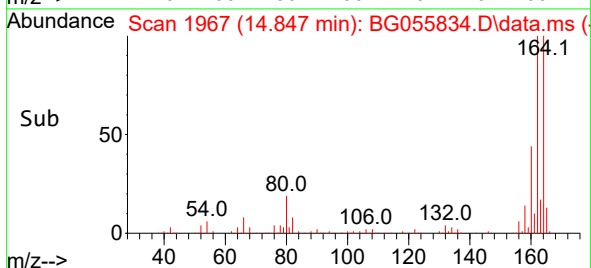
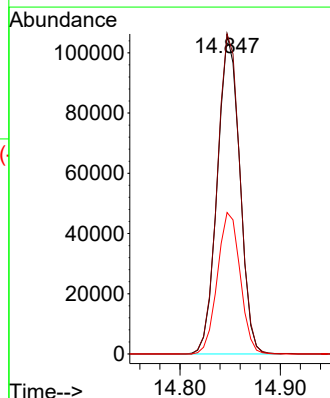
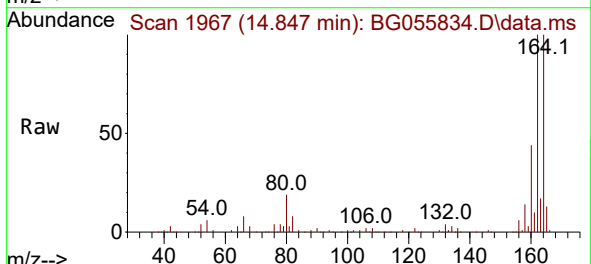
Tgt Ion:164 Resp: 164040

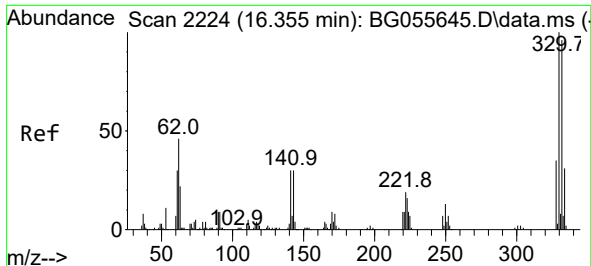
Ion Ratio Lower Upper

164 100

162 100.1 81.1 121.7

160 44.2 34.8 52.2

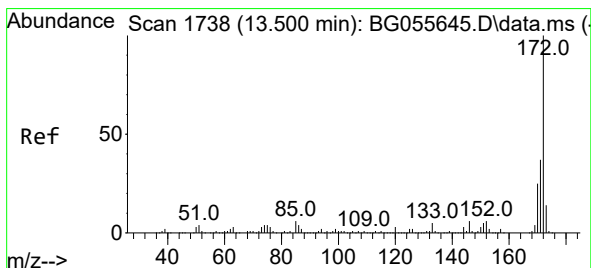
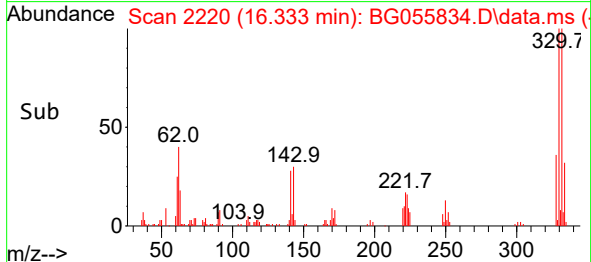
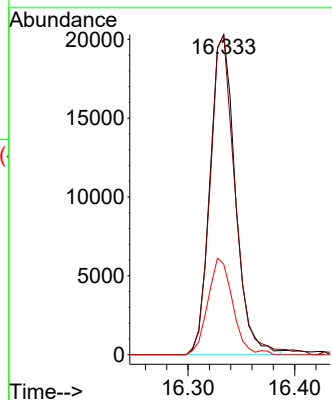
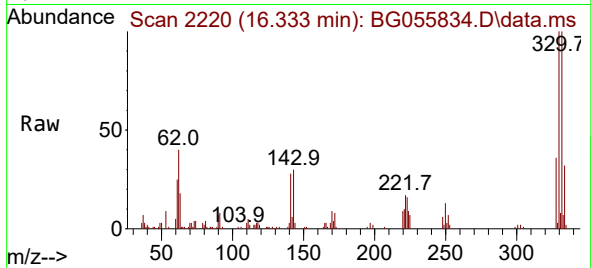




#42
2,4,6-Tribromophenol
Concen: 14.424 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

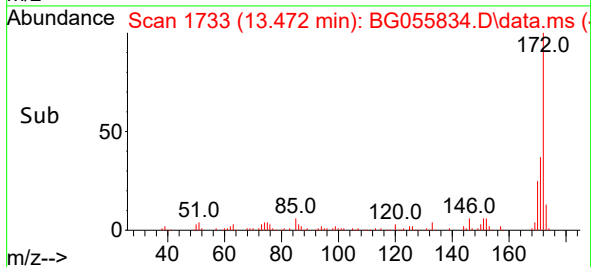
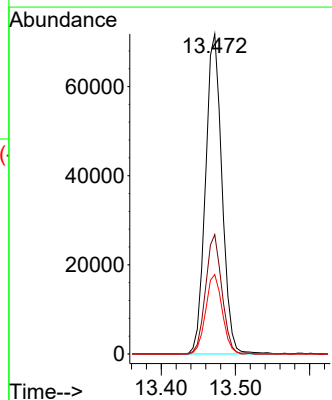
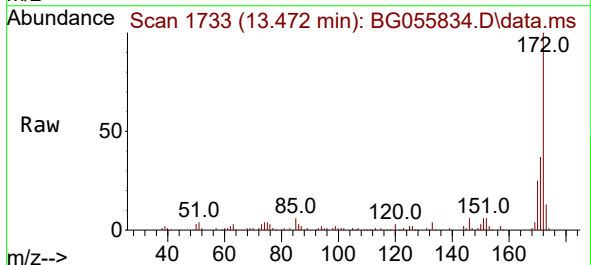
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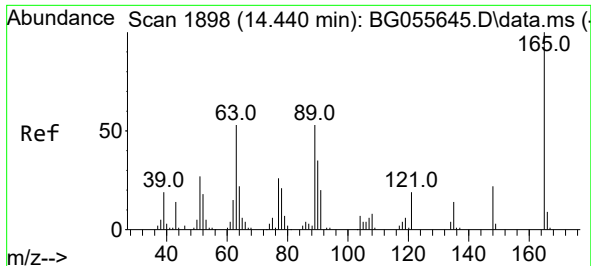
Tgt Ion:330 Resp: 33318
Ion Ratio Lower Upper
330 100
332 99.1 77.8 116.8
141 29.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 10.107 ng
RT: 13.472 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

Tgt Ion:172 Resp: 110664
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.8 20.2 30.4

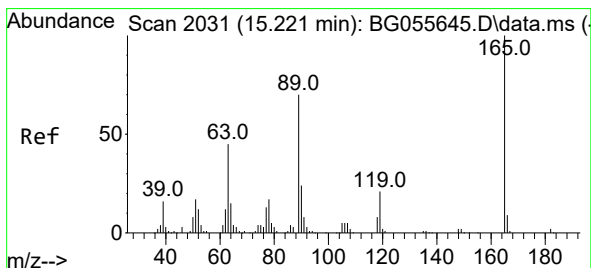
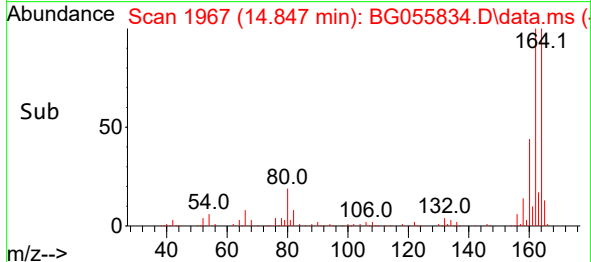
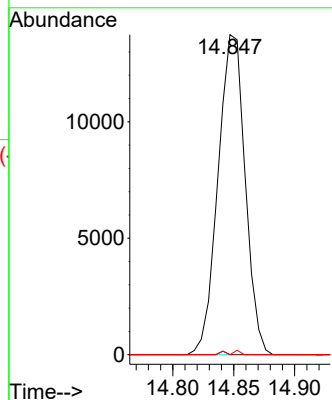
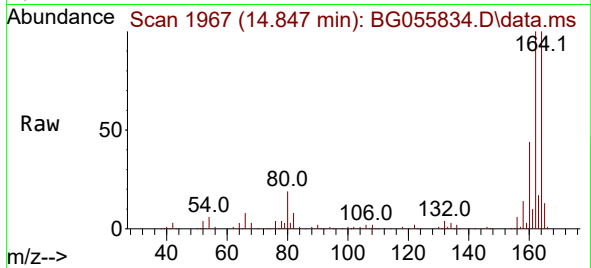




#51
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 14.847 min Scan# 1967
Delta R.T. 0.428 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

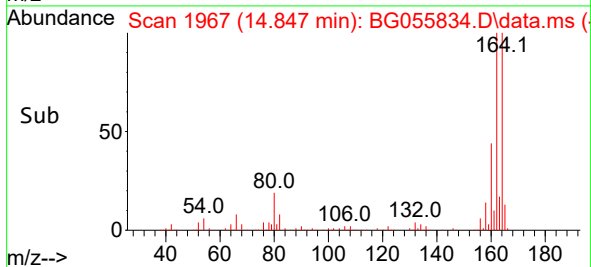
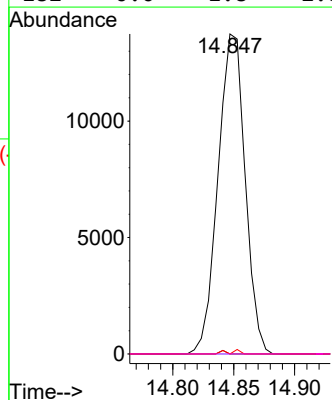
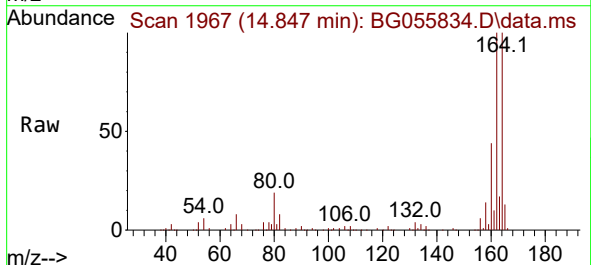
Instrument :
BNA_G
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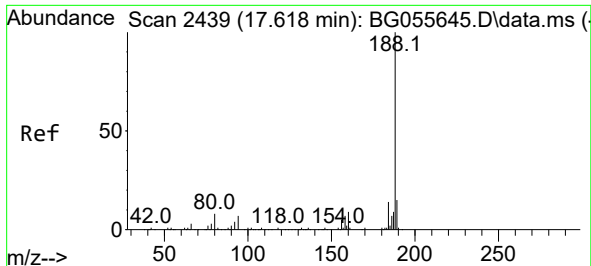
Tgt Ion:165 Resp: 21288
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.647 ng
RT: 14.847 min Scan# 1967
Delta R.T. -0.359 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

Tgt Ion:165 Resp: 21288
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#

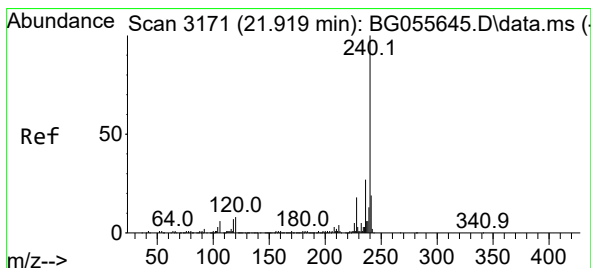
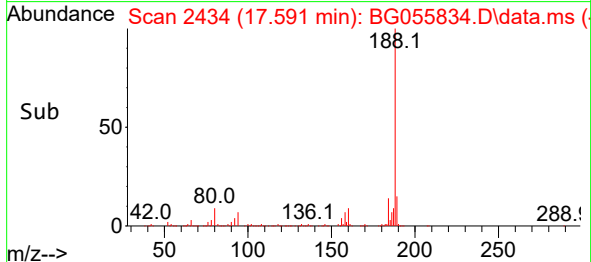
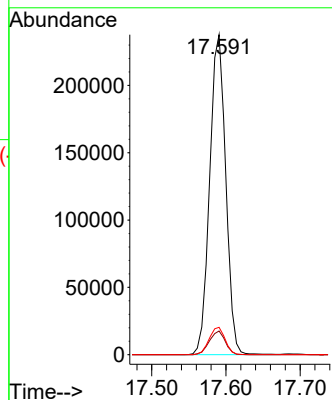
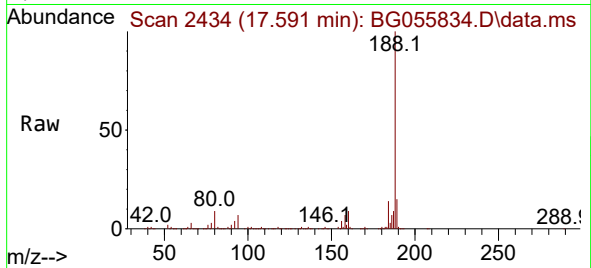




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

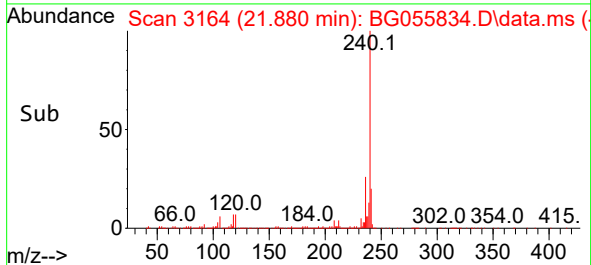
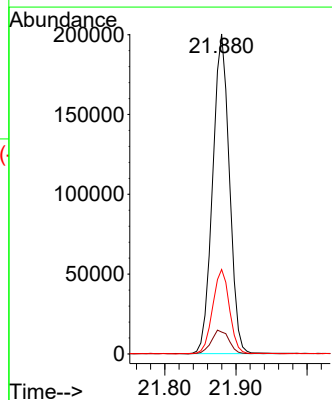
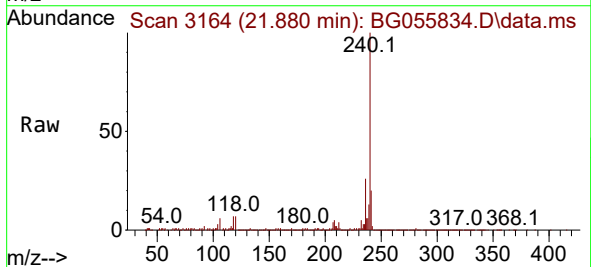
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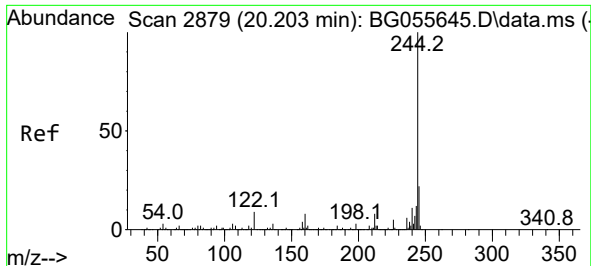
Tgt Ion:188 Resp: 357687
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BG055834.D
Acq: 29 Nov 2022 18:46

Tgt Ion:240 Resp: 327694
Ion Ratio Lower Upper
240 100
120 6.8 6.3 9.5
236 26.4 21.9 32.9

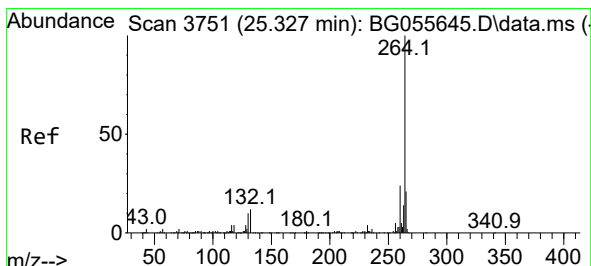
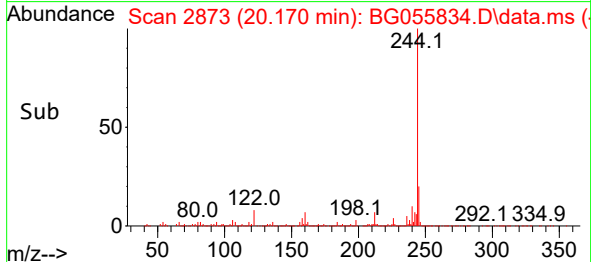
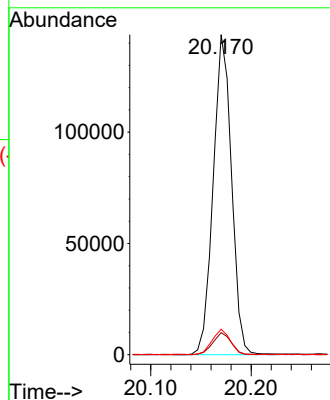
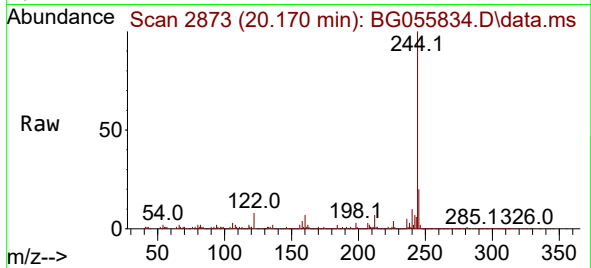




#79
 Terphenyl-d14
 Concen: 11.118 ng
 RT: 20.170 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055834.D
 Acq: 29 Nov 2022 18:46

Instrument :
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Tgt Ion:244 Resp: 182151
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 7.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.276 min Scan# 3742
 Delta R.T. 0.005 min
 Lab File: BG055834.D
 Acq: 29 Nov 2022 18:46

Tgt Ion:264 Resp: 358721
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.3 17.1 25.7

