

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058730.D
 Acq On : 15 Aug 2023 13:37
 Operator : MA/JU
 Sample : 03973-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Aug 15 18:47:17 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)

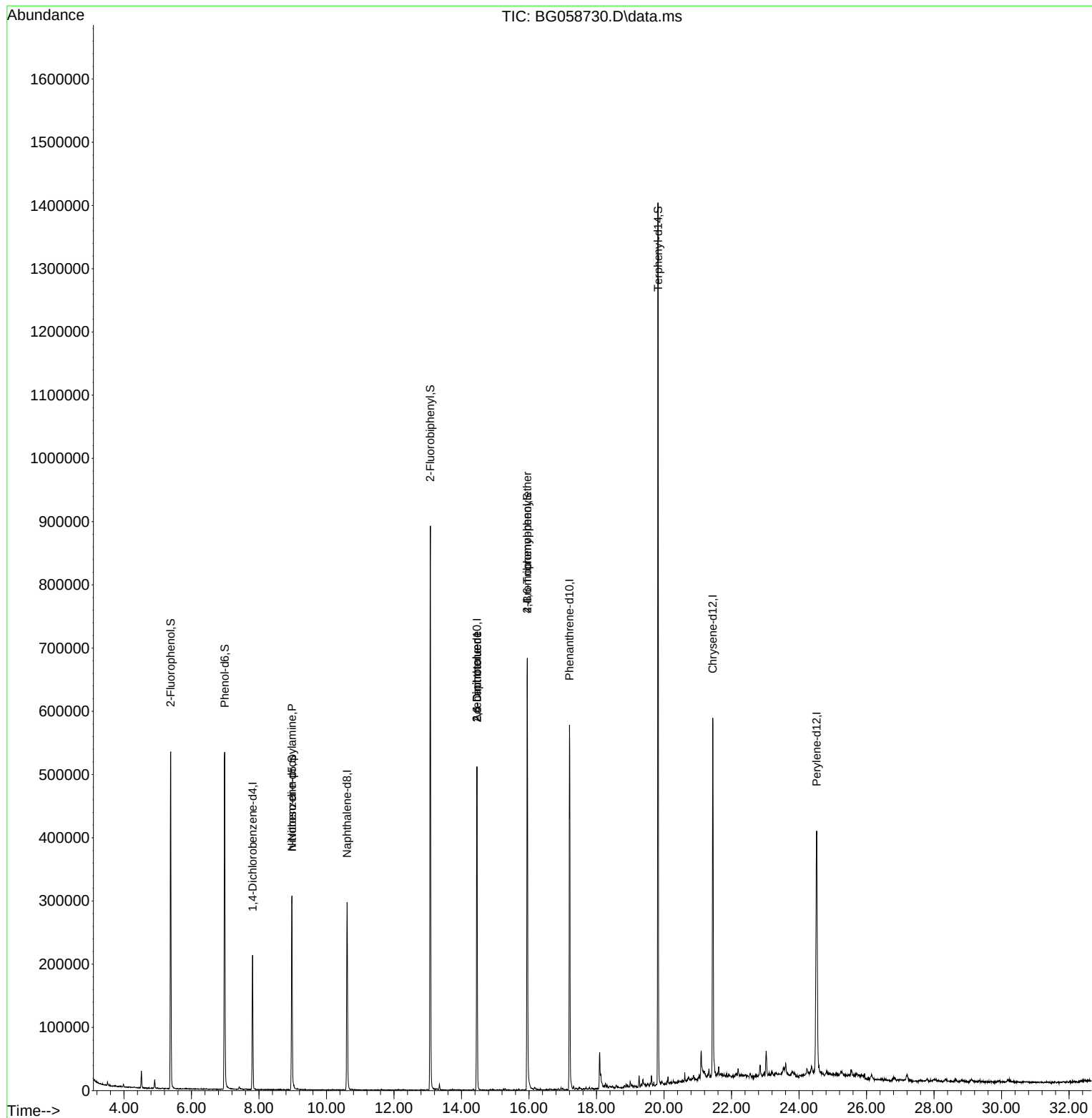
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	59465	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	264356	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	193526	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	387091	20.000	ng	0.00
76) Chrysene-d12	21.443	240	340325	20.000	ng	0.00
86) Perylene-d12	24.521	264	443320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	222022	57.067	ng	0.00
7) Phenol-d6	6.983	99	317867	58.716	ng	0.00
23) Nitrobenzene-d5	8.975	82	197055	36.619	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	163970	51.692	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	507468	39.296	ng	0.00
79) Terphenyl-d14	19.821	244	725204	40.072	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	24283	6.944	ng	# 79
51) 2,6-Dinitrotoluene	14.457	165	25522	8.003	ng	# 23
57) 2,4-Dinitrotoluene	14.457	165	25522	5.773	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	10521	2.396	ng	# 1

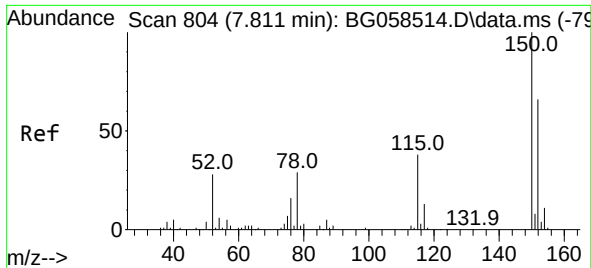
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 22:29:07 2023
Response via : Initial Calibration

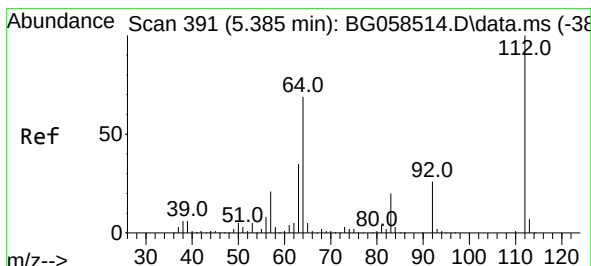
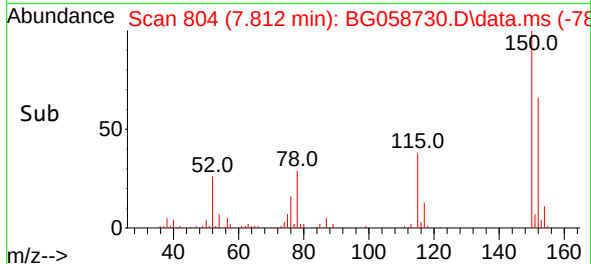
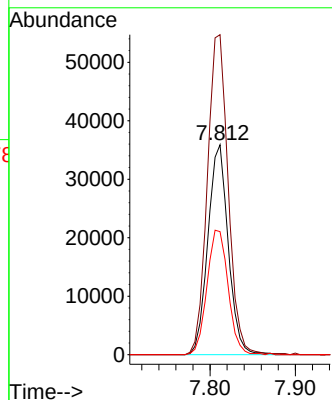
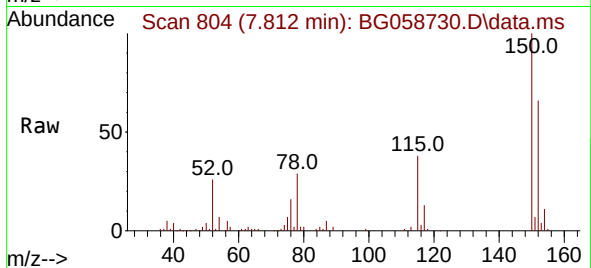




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

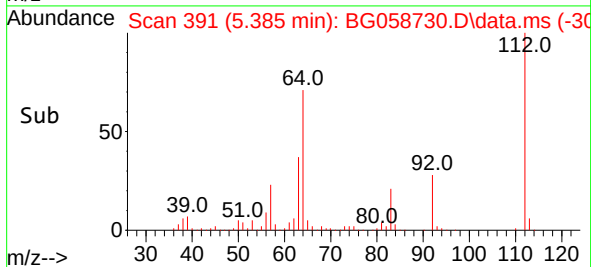
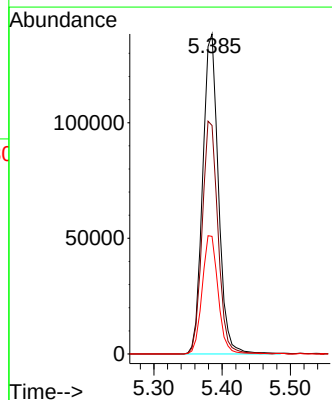
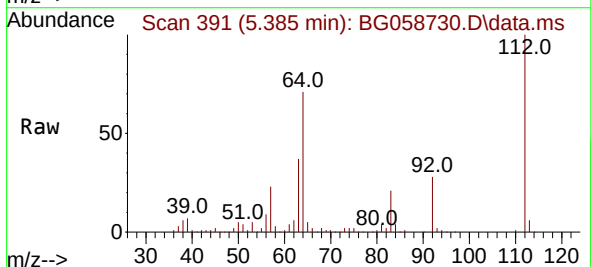
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

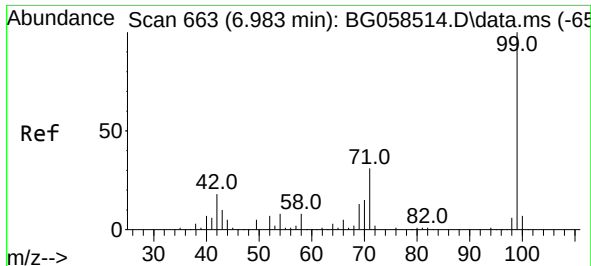
Tgt Ion:152 Resp: 59465
Ion Ratio Lower Upper
152 100
150 152.4 120.5 180.7
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 57.067 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion:112 Resp: 222022
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 36.8 28.3 42.5

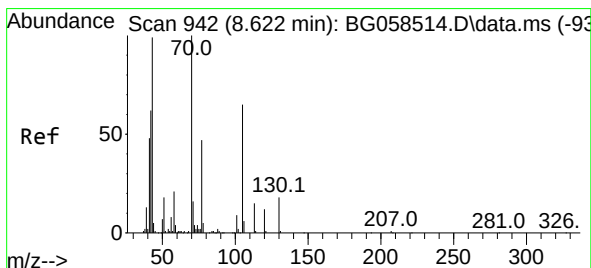
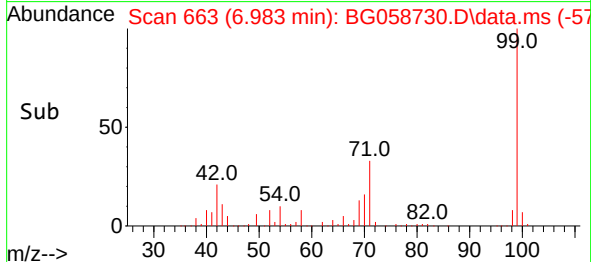
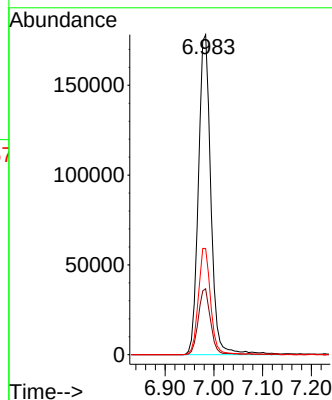
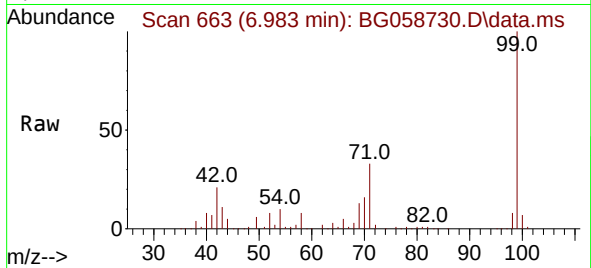




#7
Phenol-d6
Concen: 58.716 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

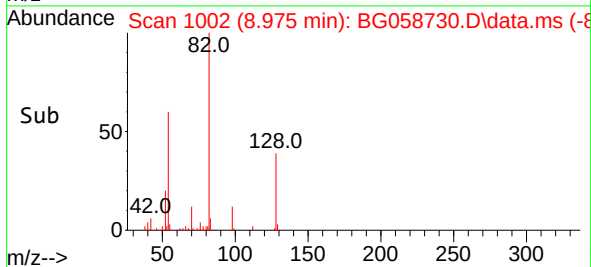
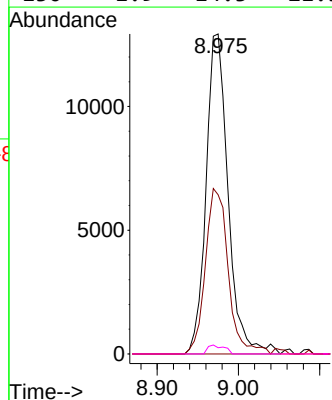
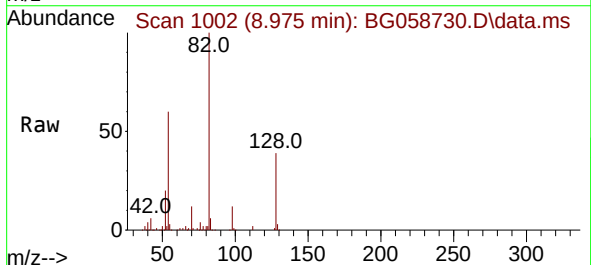
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

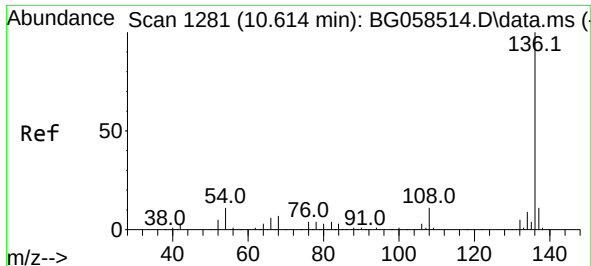
Tgt Ion: 99 Resp: 317867
Ion Ratio Lower Upper
99 100
42 20.6 14.6 21.8
71 33.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.944 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion: 70 Resp: 24283
Ion Ratio Lower Upper
70 100
42 49.8 49.7 74.5
101 0.0 7.0 10.4#
130 1.9 14.3 21.5#





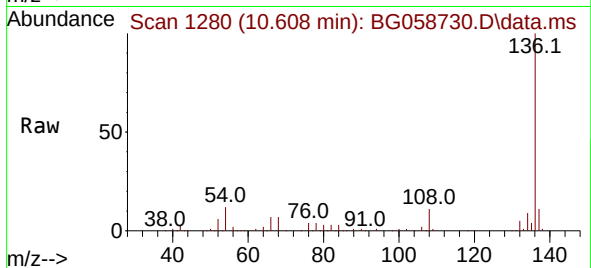
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Instrument :

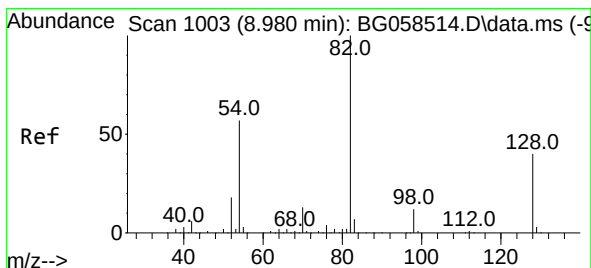
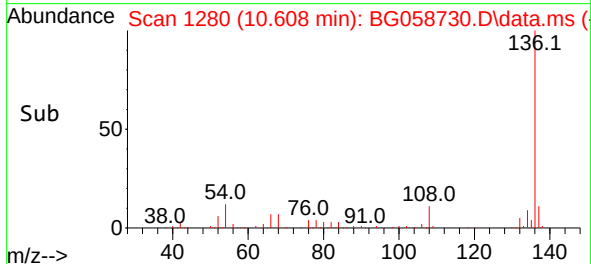
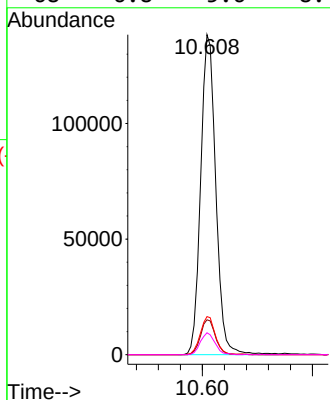
BNA_G

ClientSampleId :

SB-04-COMP

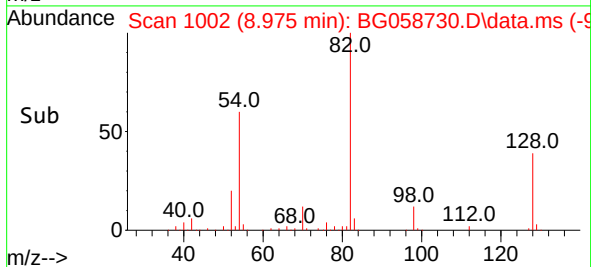
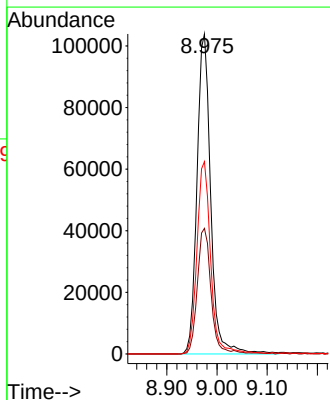
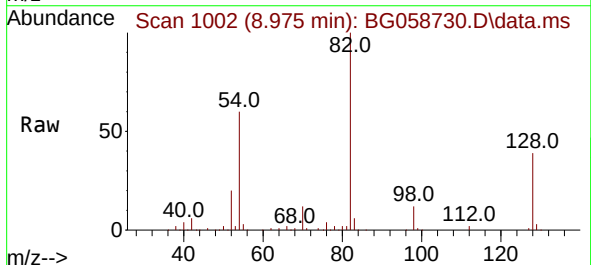


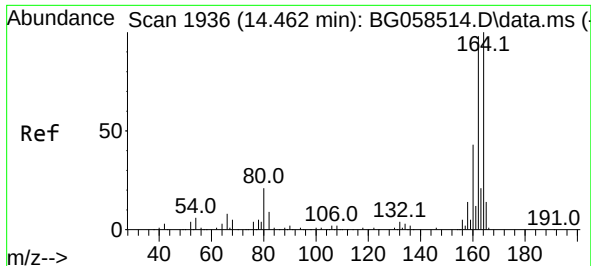
Tgt Ion:136 Resp: 264356
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.9 8.9 13.3
68 6.8 5.6 8.4



#23
Nitrobenzene-d5
Concen: 36.619 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion: 82 Resp: 197055
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.2
54 60.1 46.0 69.0

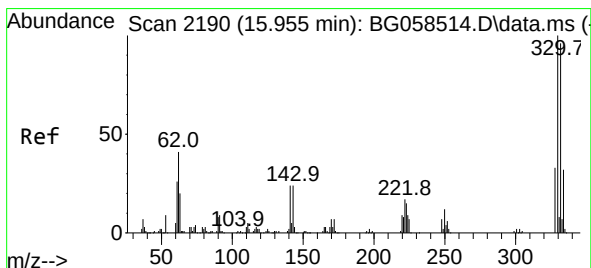
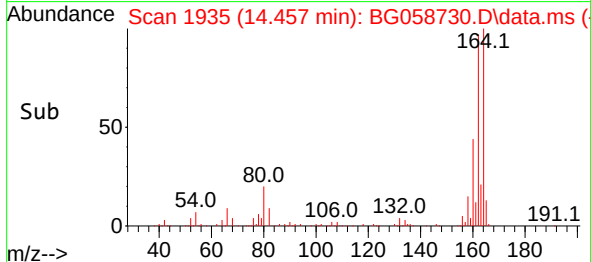
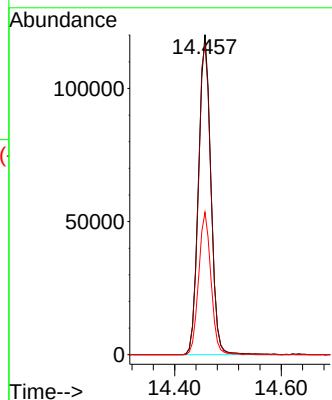
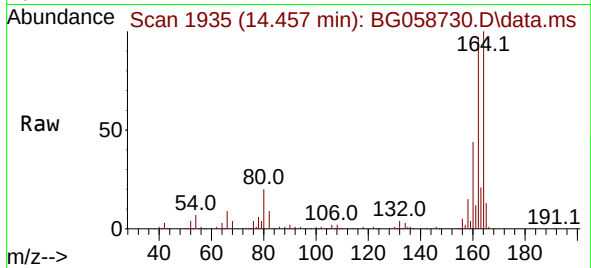




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

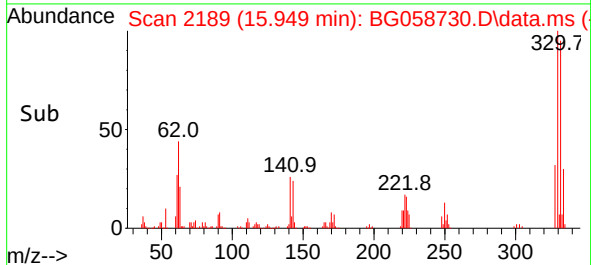
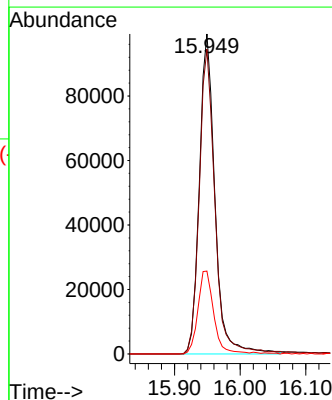
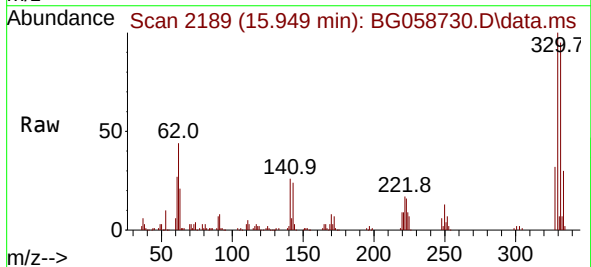
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

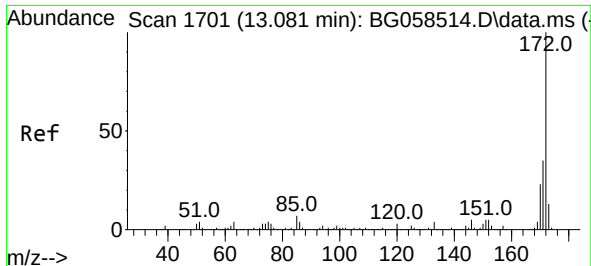
Tgt Ion:164 Resp: 193526
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 51.692 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion:330 Resp: 163970
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 26.3 20.7 31.1

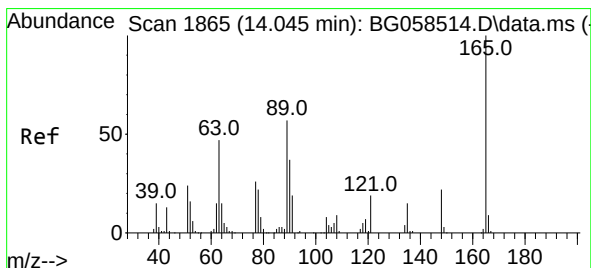
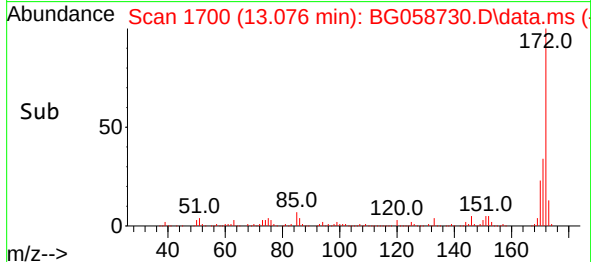
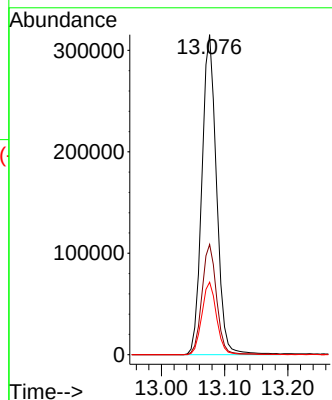
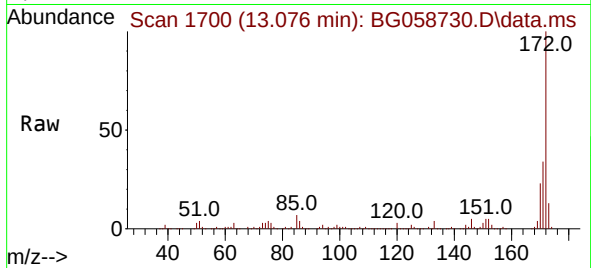




#45
2-Fluorobiphenyl
Concen: 39.296 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

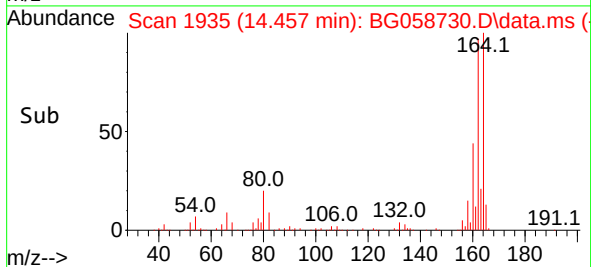
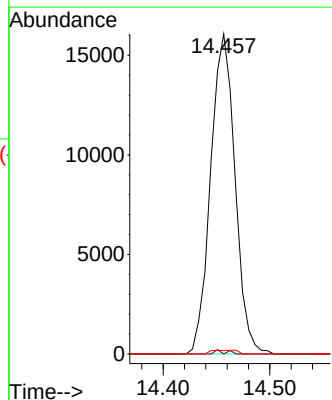
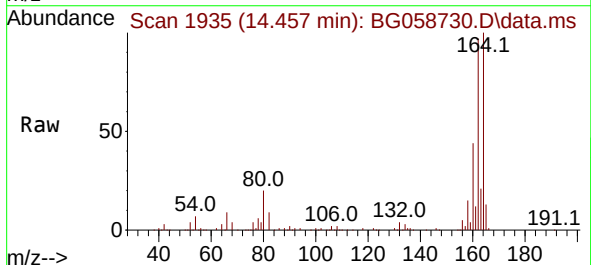
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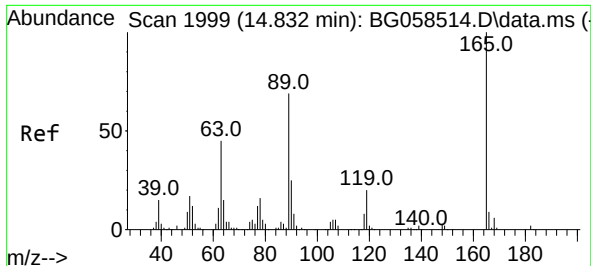
Tgt Ion:172 Resp: 507468
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 22.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.003 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion:165 Resp: 25522
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.773 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058730.D

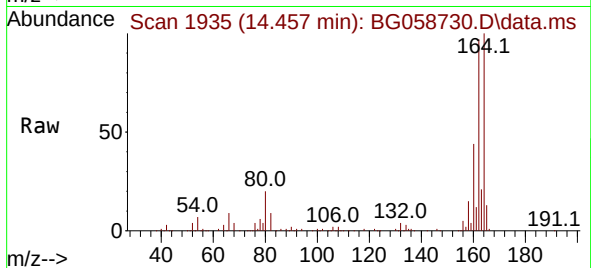
Acq: 15 Aug 2023 13:37

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP



Tgt Ion:165 Resp: 25522

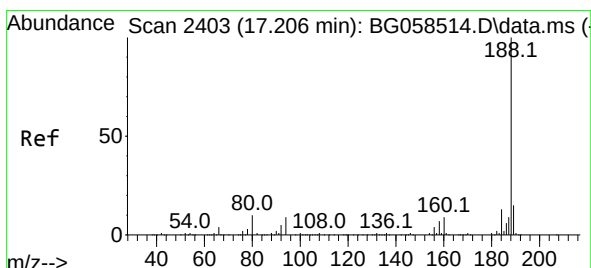
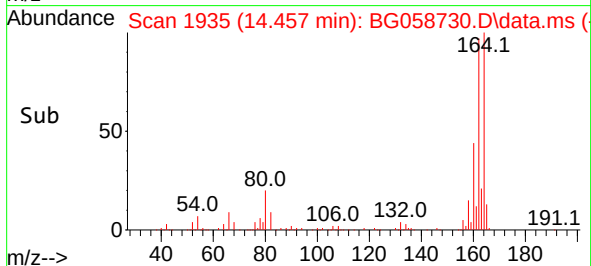
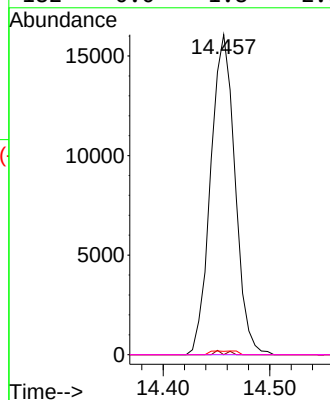
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.005 min

Lab File: BG058730.D

Acq: 15 Aug 2023 13:37

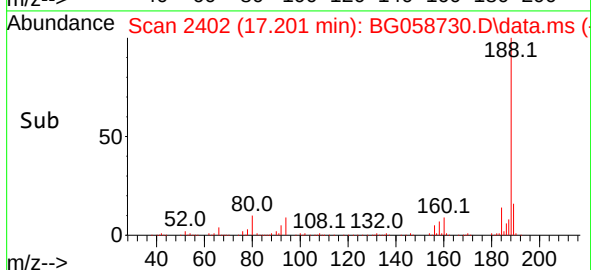
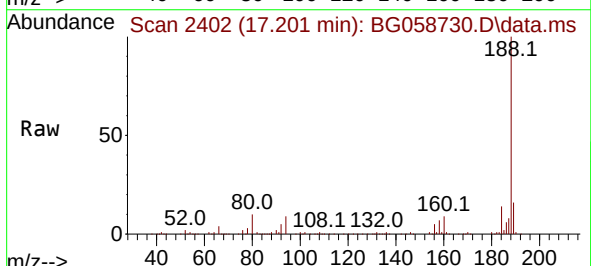
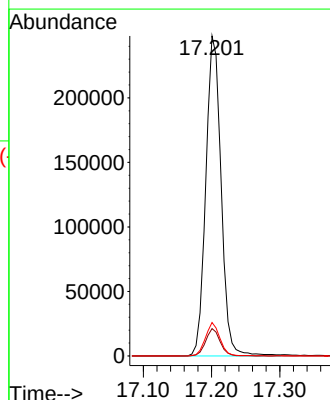
Tgt Ion:188 Resp: 387091

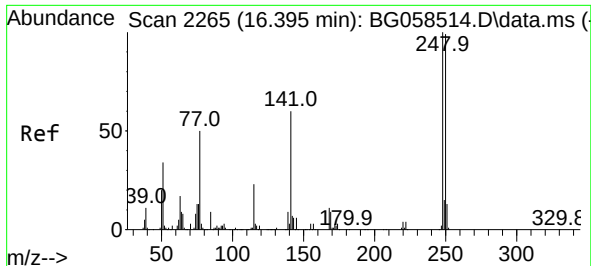
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.5 8.1 12.1

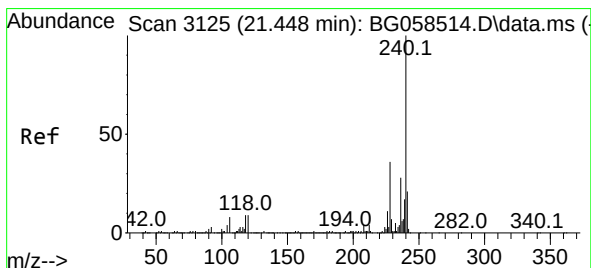
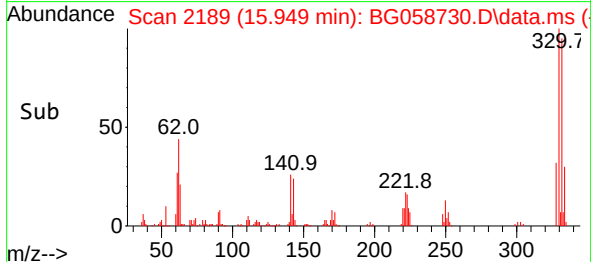
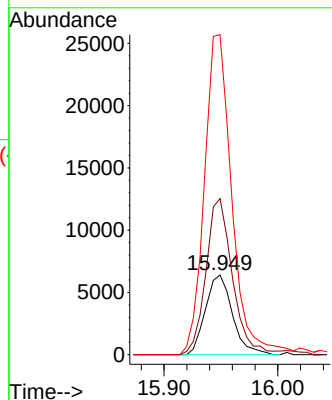
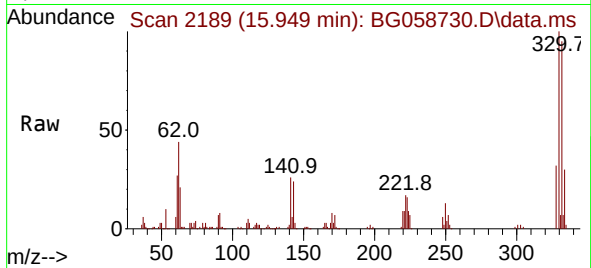




#67
4-Bromophenyl-phenylether
Concen: 2.396 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

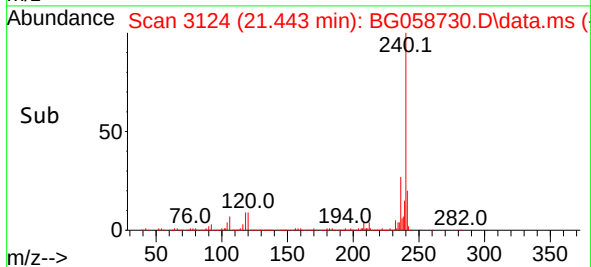
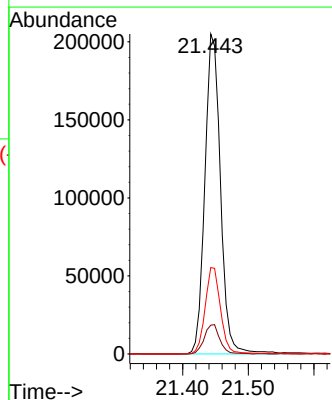
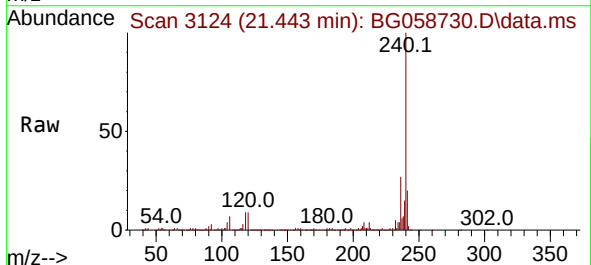
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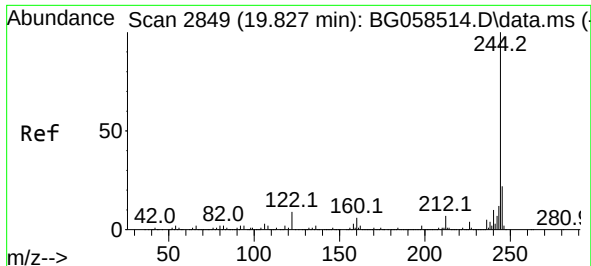
Tgt Ion:248 Resp: 10521
Ion Ratio Lower Upper
248 100
250 195.8 79.5 119.3#
141 401.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058730.D
Acq: 15 Aug 2023 13:37

Tgt Ion:240 Resp: 340325
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 27.0 22.2 33.4

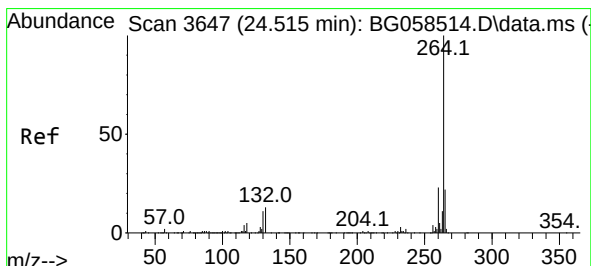
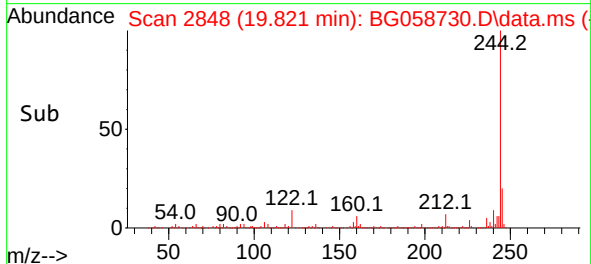
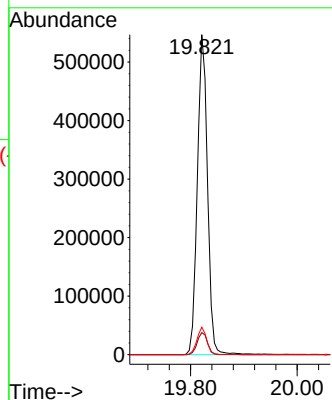
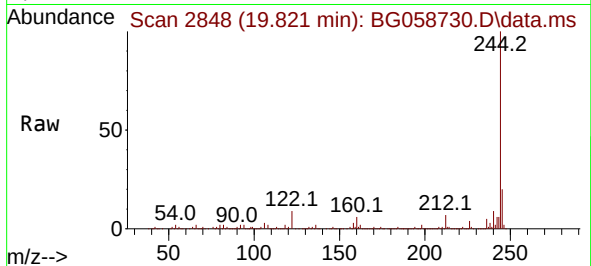




#79
 Terphenyl-d14
 Concen: 40.072 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058730.D
 Acq: 15 Aug 2023 13:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Tgt Ion:244 Resp: 725204
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058730.D
 Acq: 15 Aug 2023 13:37

Tgt Ion:264 Resp: 443320
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 22.3 17.9 26.9

