

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058732.D
 Acq On : 15 Aug 2023 14:59
 Operator : MA/JU
 Sample : 04016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP15A

Quant Time: Aug 15 15:41:46 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)

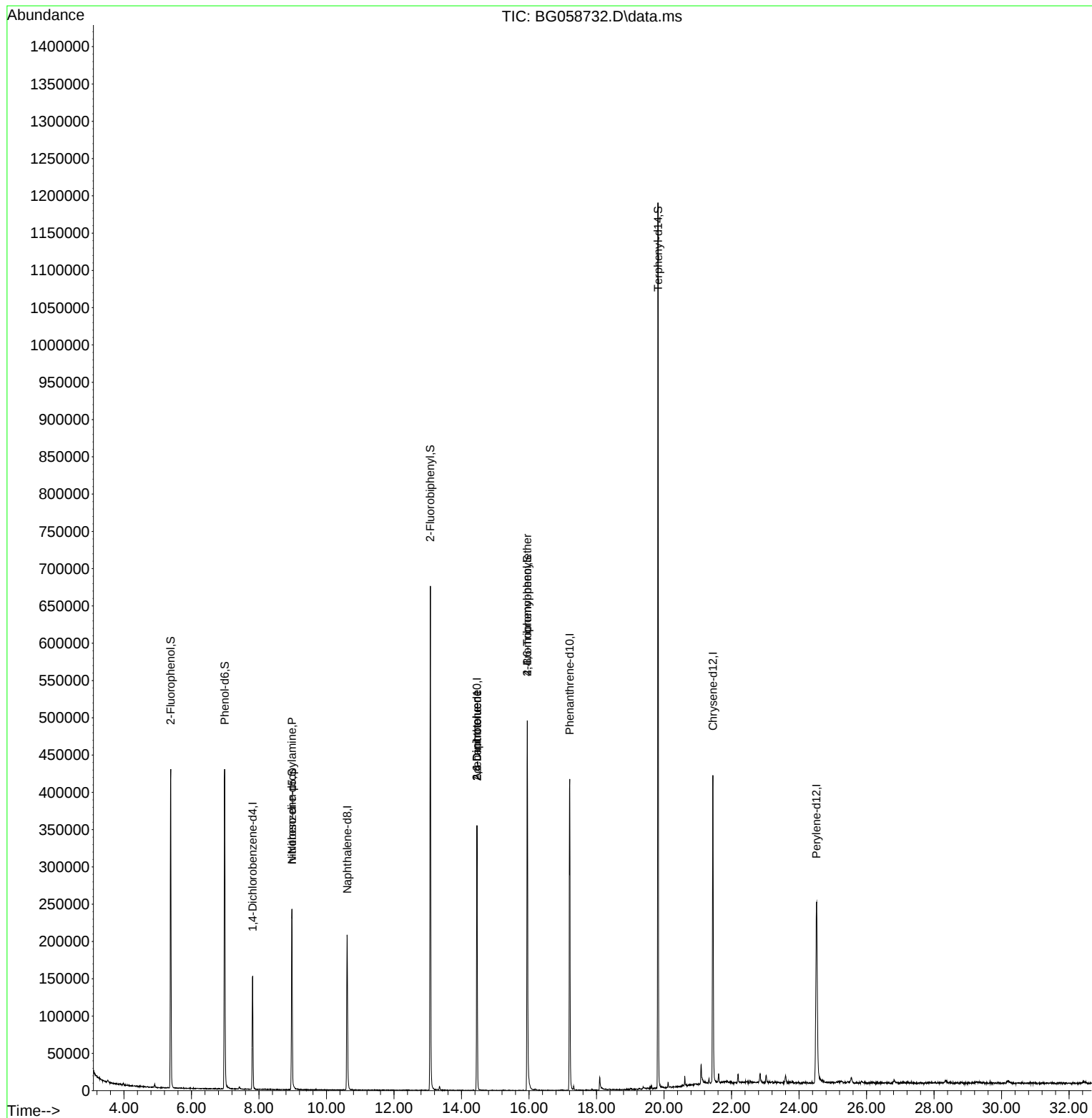
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	42831	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	187674	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	132847	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	300249	20.000	ng	0.00
76) Chrysene-d12	21.448	240	258059	20.000	ng	0.00
86) Perylene-d12	24.515	264	305410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	180269	64.330	ng	0.00
7) Phenol-d6	6.983	99	258840	66.382	ng	0.00
23) Nitrobenzene-d5	8.974	82	152952	40.037	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	120514	55.346	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	379675	42.830	ng	0.00
79) Terphenyl-d14	19.821	244	615123	44.825	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	19171	7.612	ng	# 78
51) 2,6-Dinitrotoluene	14.456	165	16788	7.669	ng	# 24
57) 2,4-Dinitrotoluene	14.456	165	16788	5.531	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	7415	2.177	ng	# 1

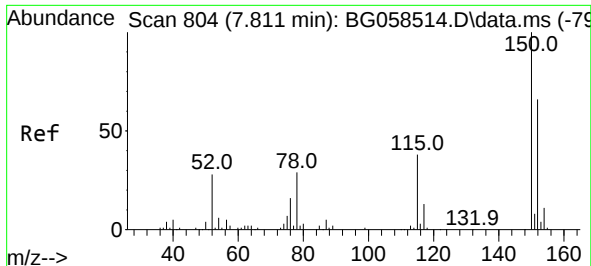
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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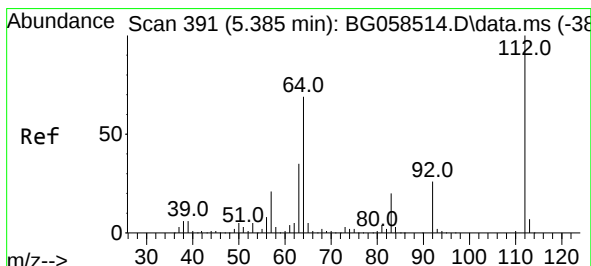
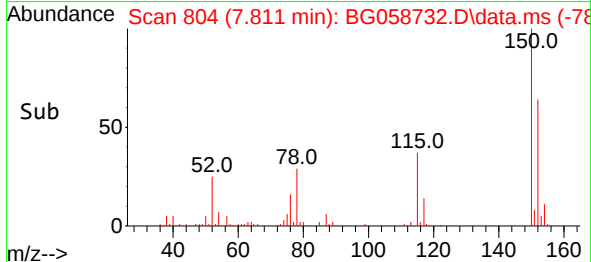
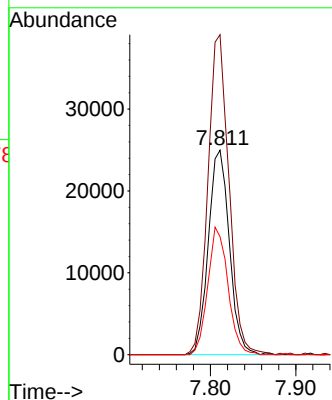
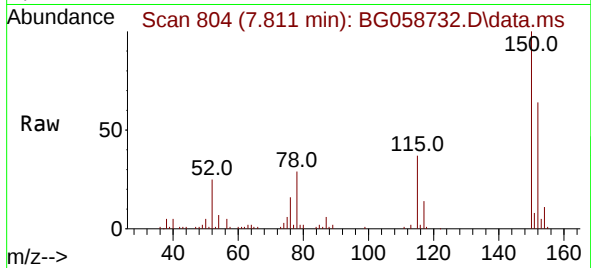




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

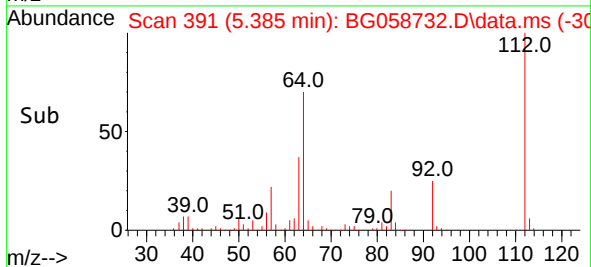
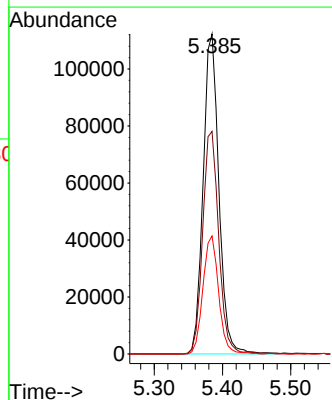
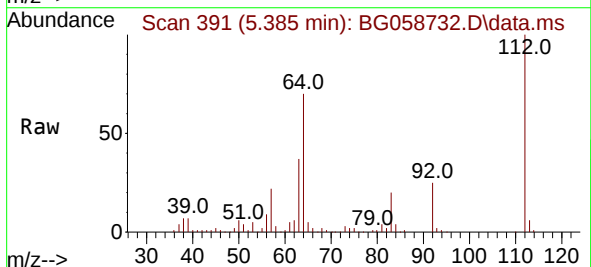
Instrument :
BNA_G
ClientSampleId :
B-PP15A

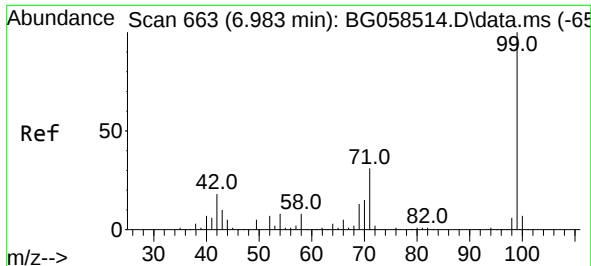
Tgt Ion:152 Resp: 42831
Ion Ratio Lower Upper
152 100
150 156.5 120.5 180.7
115 57.6 45.9 68.9



#5
2-Fluorophenol
Concen: 64.330 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

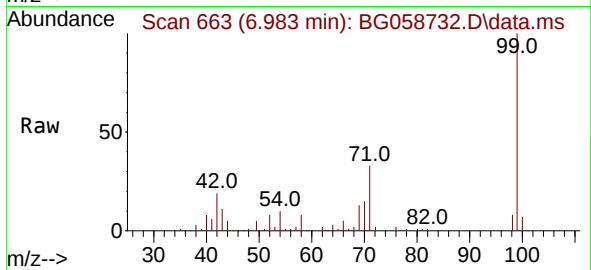
Tgt Ion:112 Resp: 180269
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 36.9 28.3 42.5





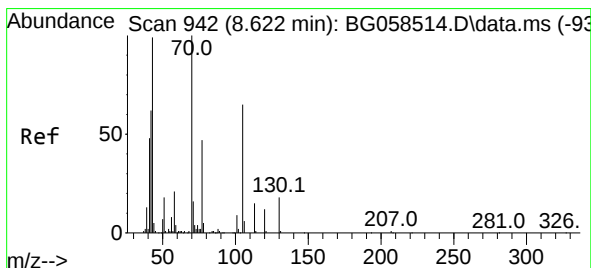
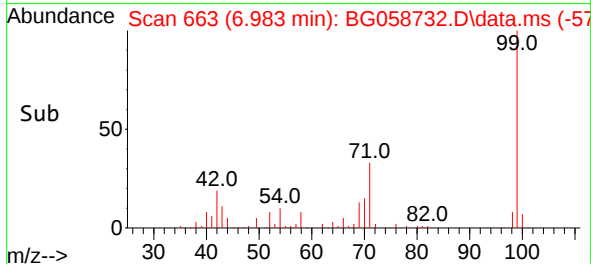
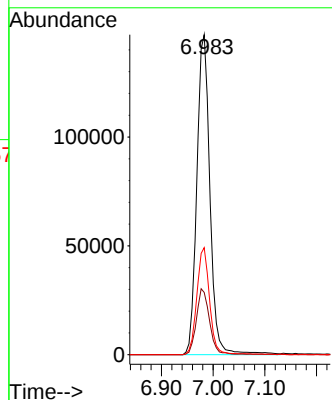
#7
Phenol-d6
Concen: 66.382 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Instrument :
BNA_G
ClientSampleId :
B-PP15A



Tgt Ion: 99 Resp: 258840

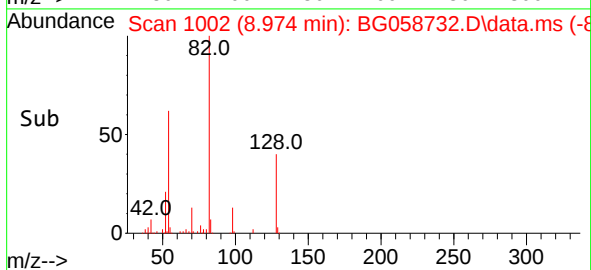
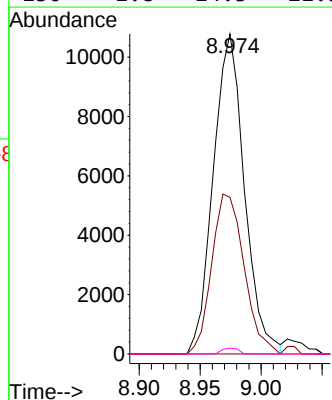
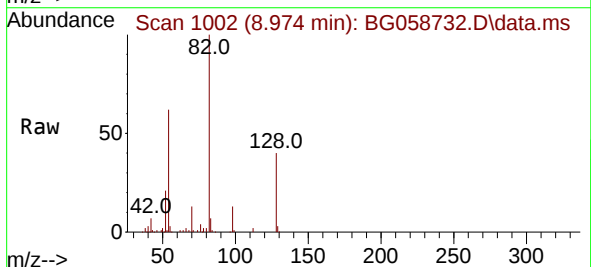
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	21.8
71	33.5	25.0	37.4

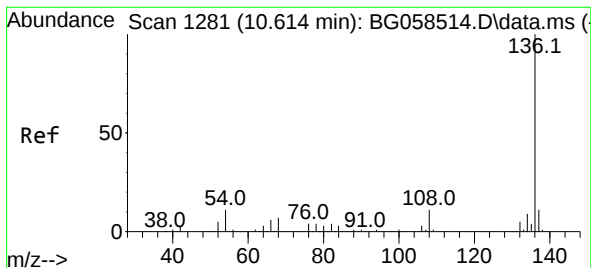


#19
n-Nitroso-di-n-propylamine
Concen: 7.612 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Tgt Ion: 70 Resp: 19171

Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.7	74.5#
101	0.0	7.0	10.4#
130	1.8	14.3	21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058732.D

Acq: 15 Aug 2023 14:59

Instrument :

BNA_G

ClientSampleId :

B-PP15A

Tgt Ion:136 Resp: 187674

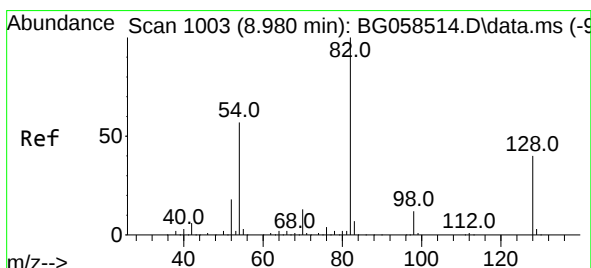
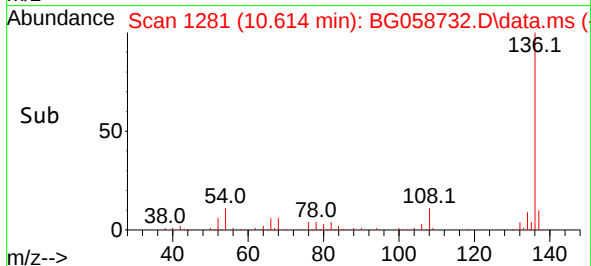
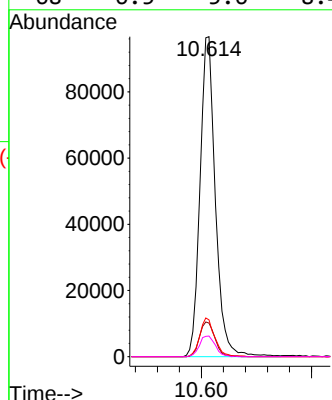
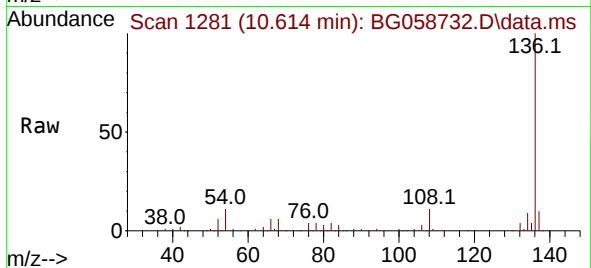
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 11.5 8.9 13.3

68 6.5 5.6 8.4



#23

Nitrobenzene-d5

Concen: 40.037 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058732.D

Acq: 15 Aug 2023 14:59

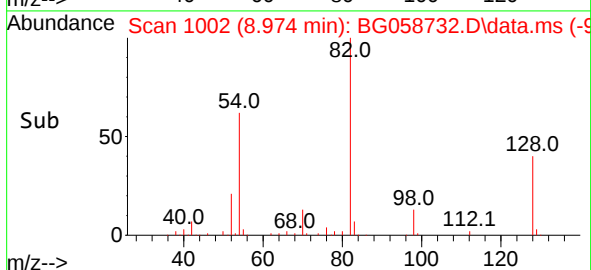
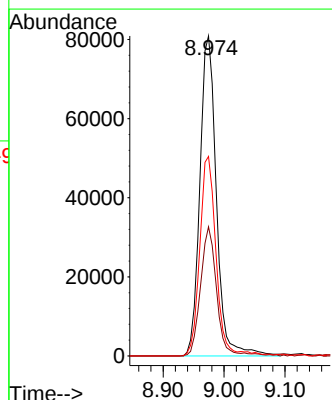
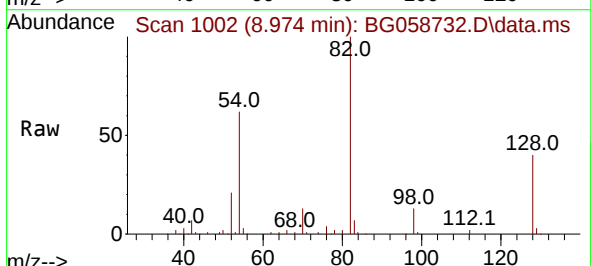
Tgt Ion: 82 Resp: 152952

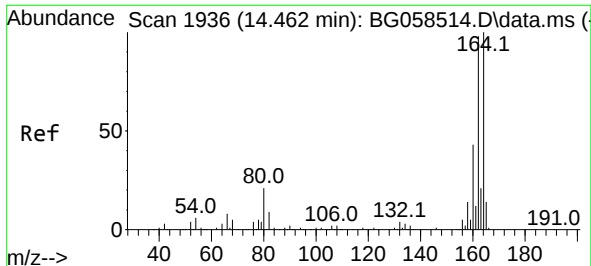
Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

54 62.4 46.0 69.0

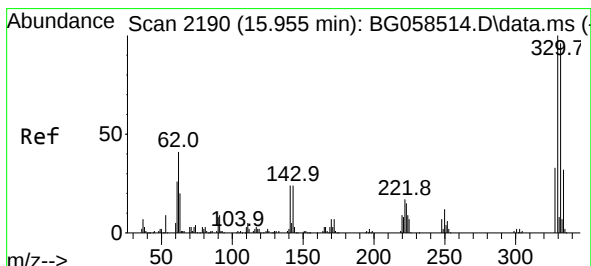
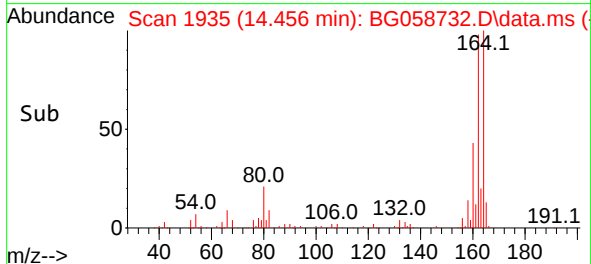
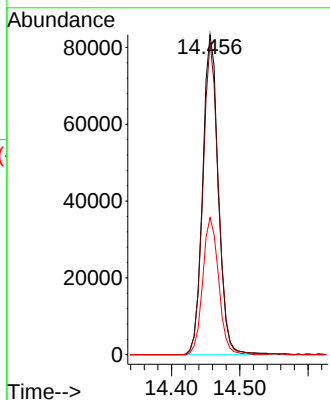
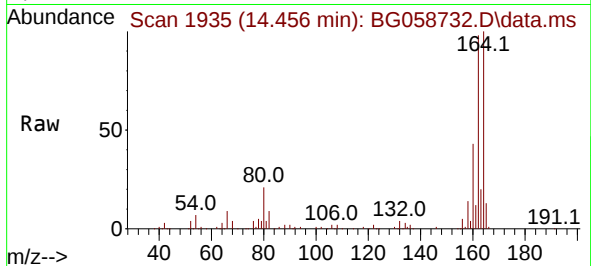




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

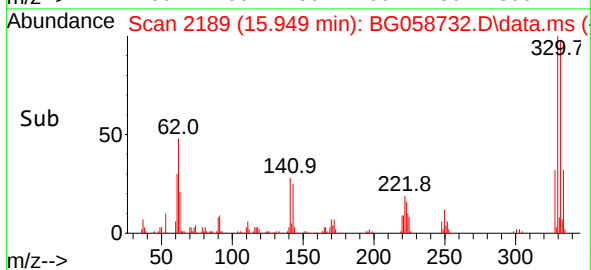
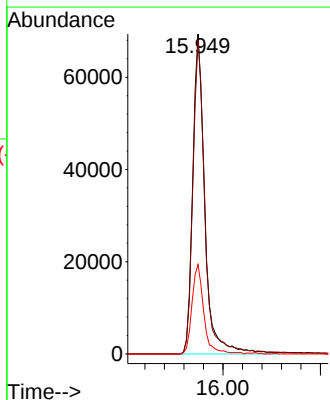
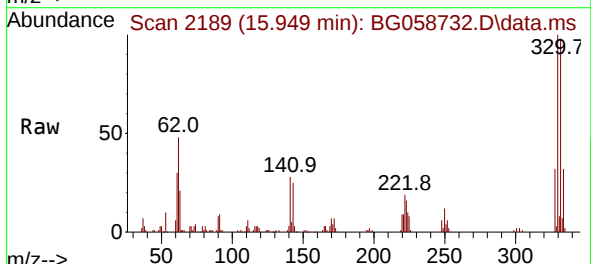
Instrument :
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ClientSampleId :
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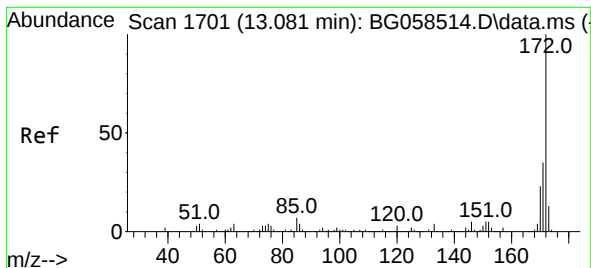
Tgt Ion:164 Resp: 132847
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 42.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 55.346 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Tgt Ion:330 Resp: 120514
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 26.8 20.7 31.1

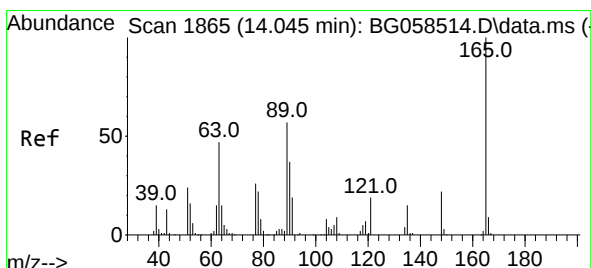
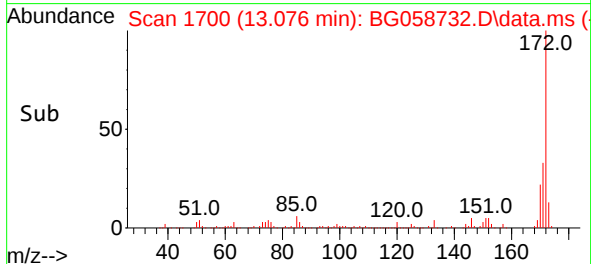
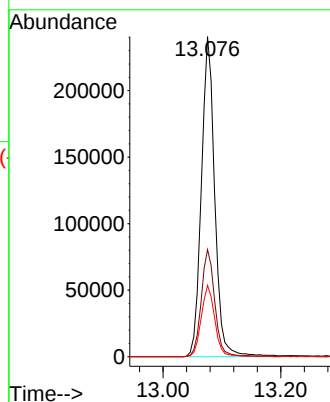
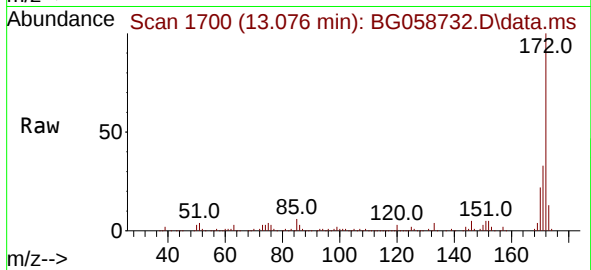




#45
2-Fluorobiphenyl
Concen: 42.830 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

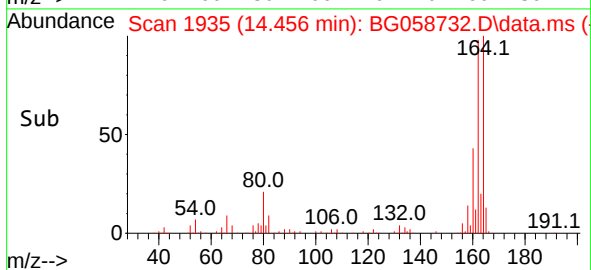
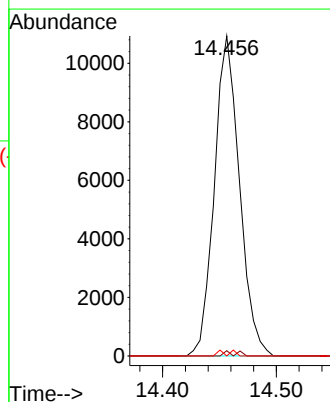
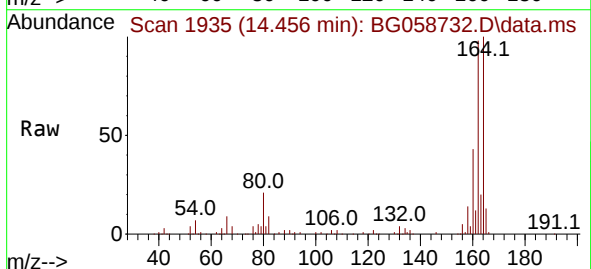
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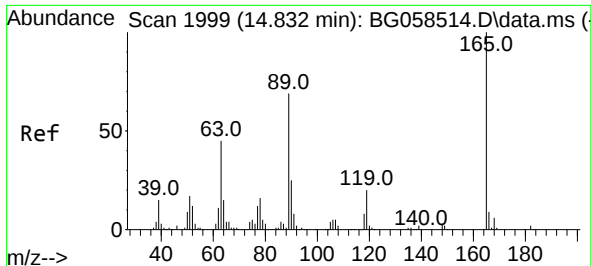
Tgt Ion:172 Resp: 379675
Ion Ratio Lower Upper
172 100
171 33.4 28.0 42.0
170 22.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Tgt Ion:165 Resp: 16788
Ion Ratio Lower Upper
165 100
63 1.7 46.4 69.6#
89 0.0 45.3 67.9#

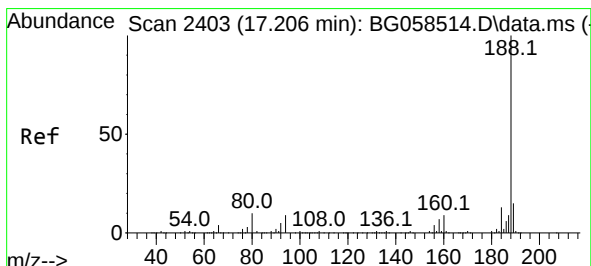
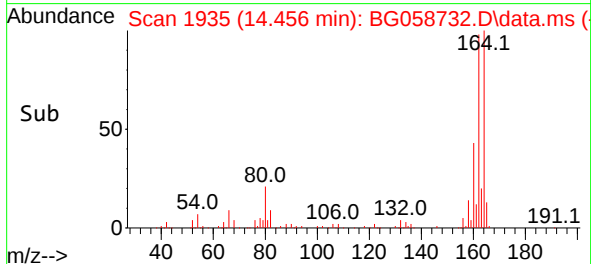
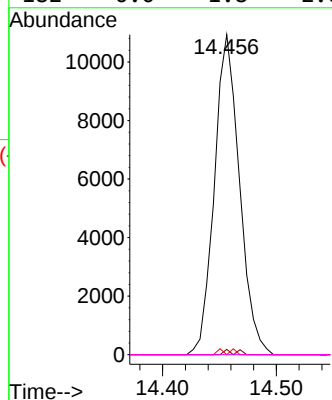
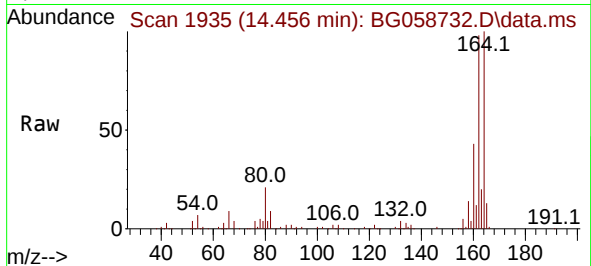




#57
2,4-Dinitrotoluene
Concen: 5.531 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

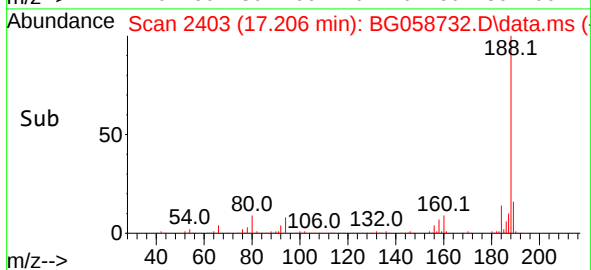
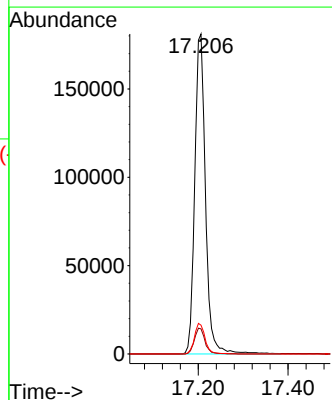
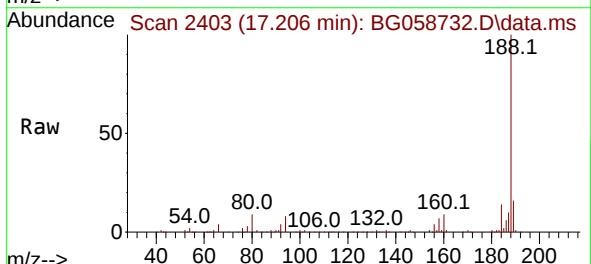
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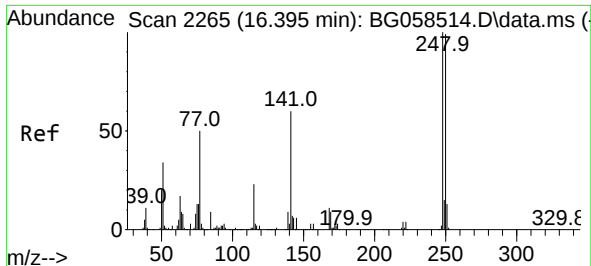
Tgt Ion:165 Resp: 16788
Ion Ratio Lower Upper
165 100
63 1.7 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Tgt Ion:188 Resp: 300249
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 9.0 8.1 12.1

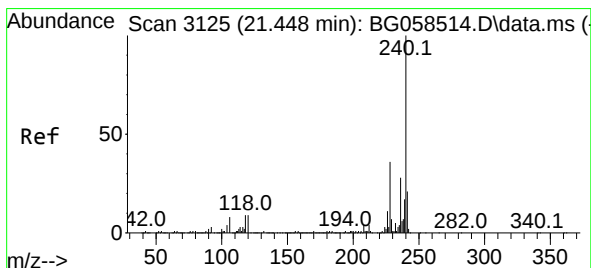
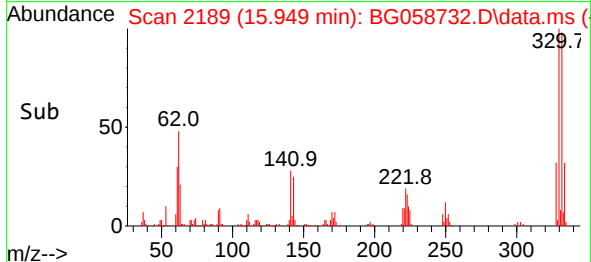
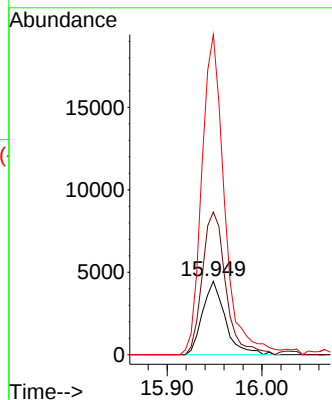
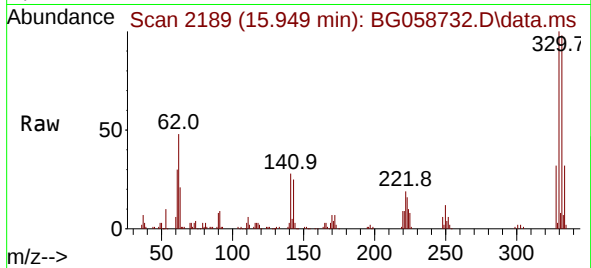




#67
4-Bromophenyl-phenylether
Concen: 2.177 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

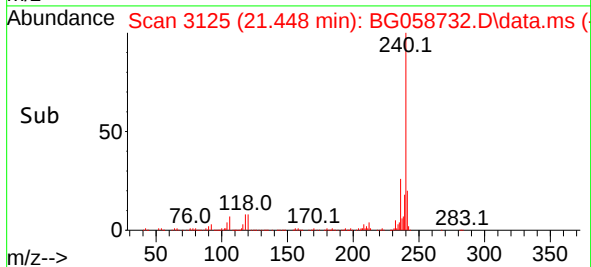
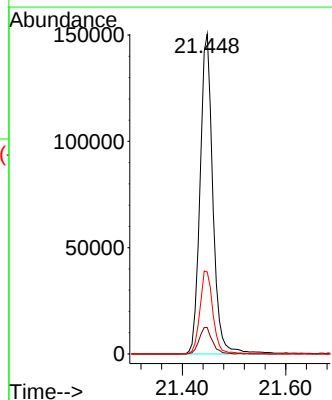
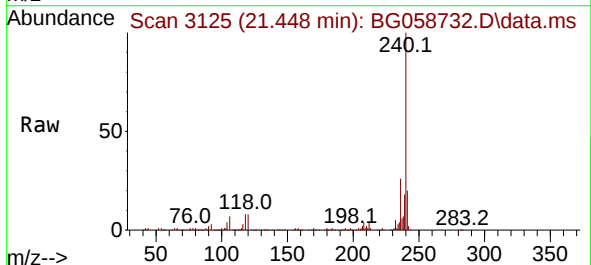
Instrument :
BNA_G
ClientSampleId :
B-PP15A

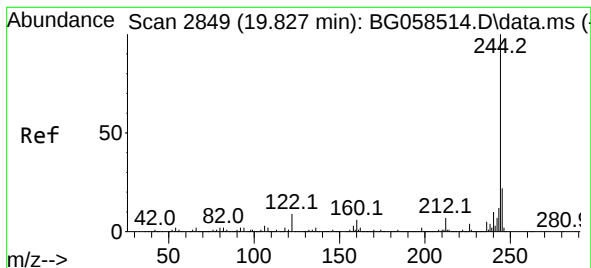
Tgt Ion:248 Resp: 7415
Ion Ratio Lower Upper
248 100
250 194.2 79.5 119.3#
141 435.3 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058732.D
Acq: 15 Aug 2023 14:59

Tgt Ion:240 Resp: 258059
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 25.6 22.2 33.4





#79

Terphenyl-d14

Concen: 44.825 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058732.D

Acq: 15 Aug 2023 14:59

Instrument :

BNA_G

ClientSampleId :

B-PP15A

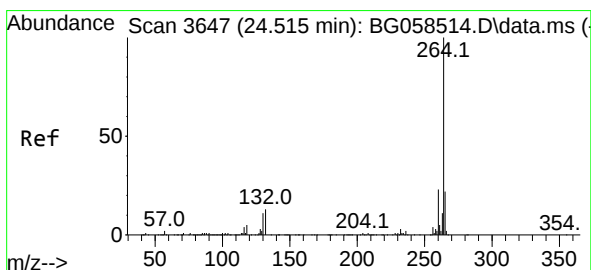
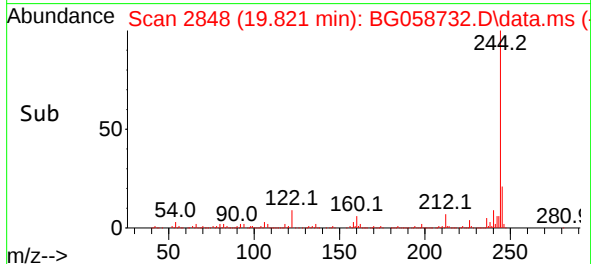
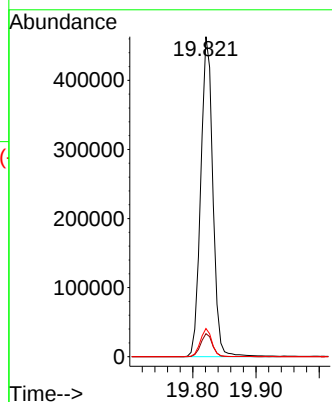
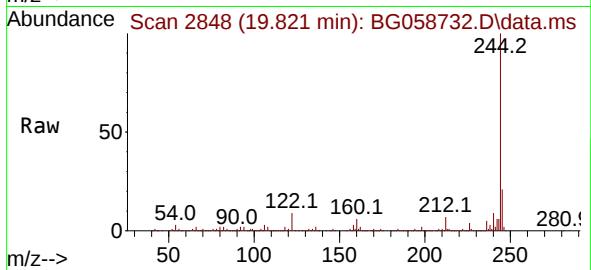
Tgt Ion:244 Resp: 615123

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.000 min

Lab File: BG058732.D

Acq: 15 Aug 2023 14:59

Tgt Ion:264 Resp: 305410

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.6 17.9 26.9

