

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)

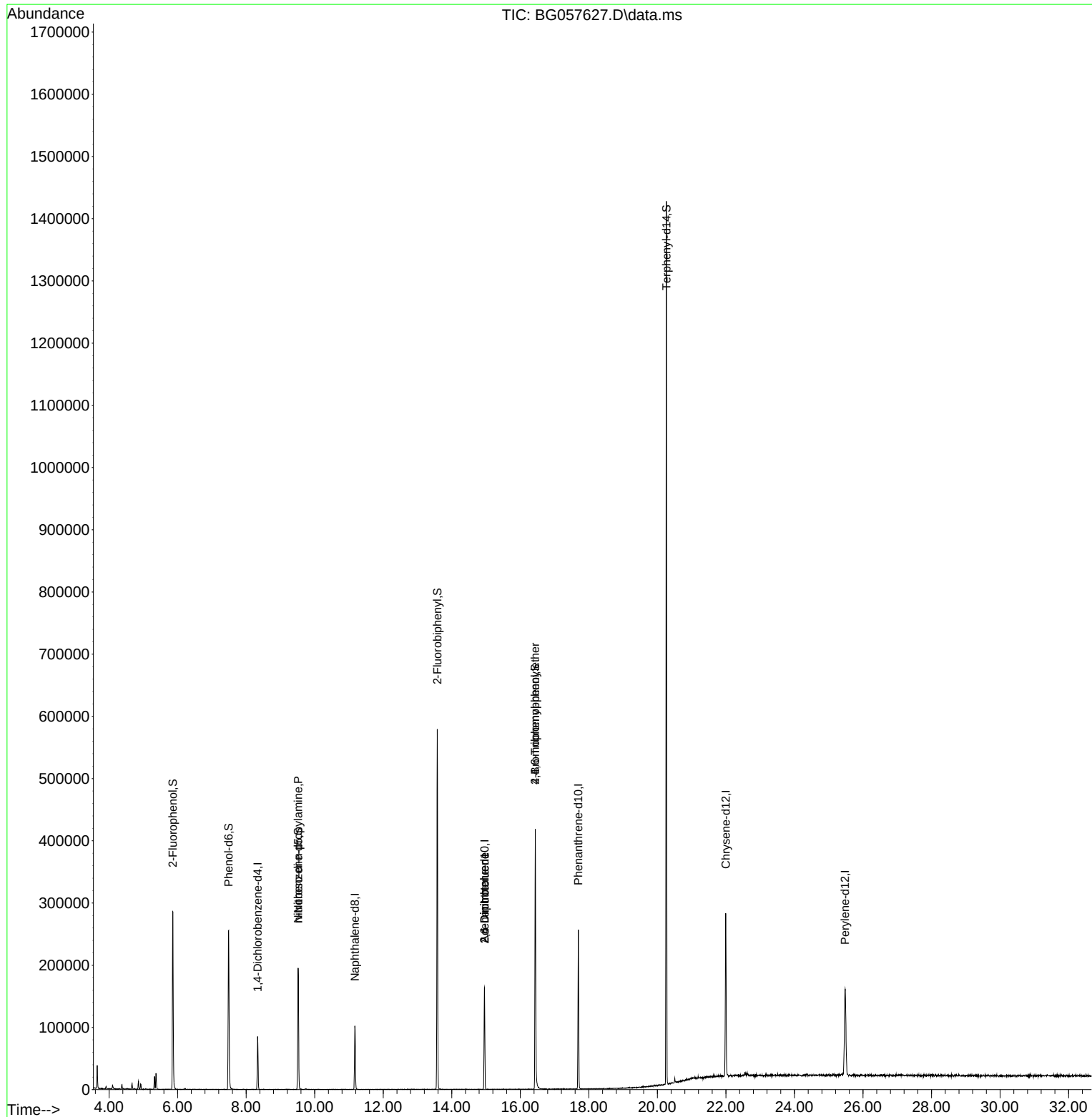
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	24328	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	91379	20.000	ng	0.00
39) Acenaphthene-d10	14.956	164	63017	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	169066	20.000	ng	0.00
76) Chrysene-d12	21.994	240	165147	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.517	70	18175	11.937	ng	# 73
51) 2,6-Dinitrotoluene	14.956	165	7985	7.182	ng	# 27
57) 2,4-Dinitrotoluene	14.956	165	7985	4.797	ng	# 25
67) 4-Bromophenyl-phenylether	16.437	248	6400	3.375	ng	# 1

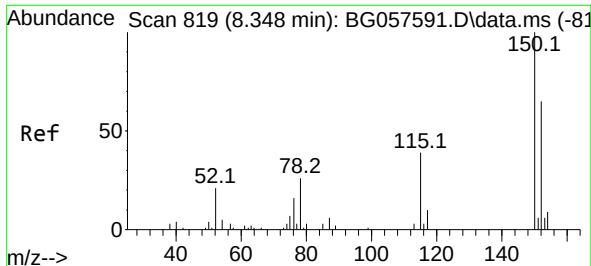
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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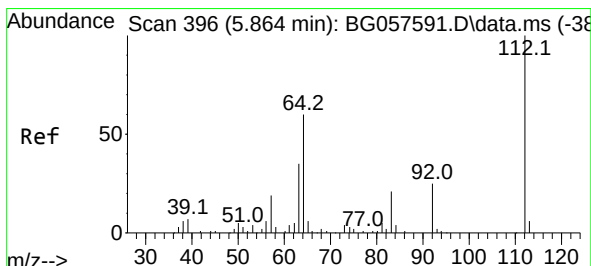
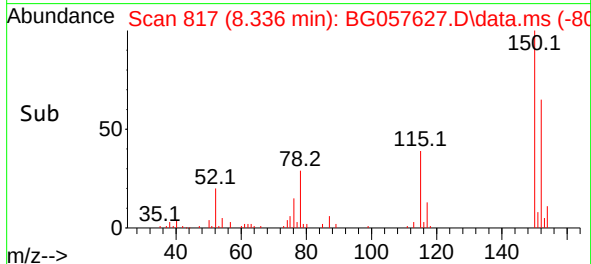
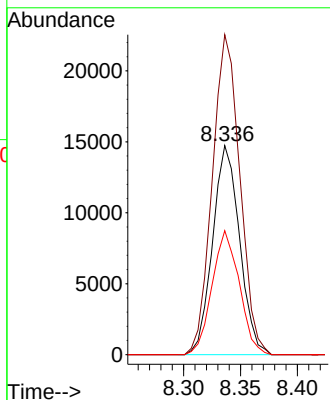
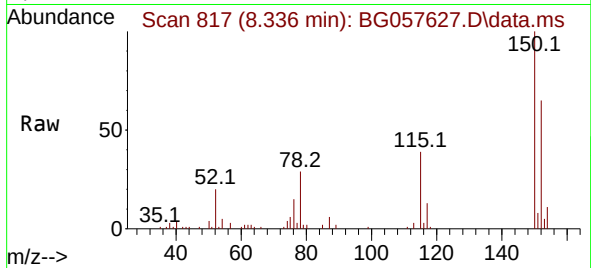




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

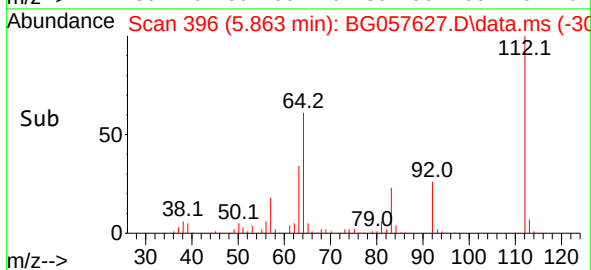
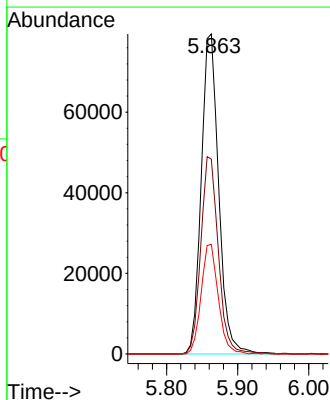
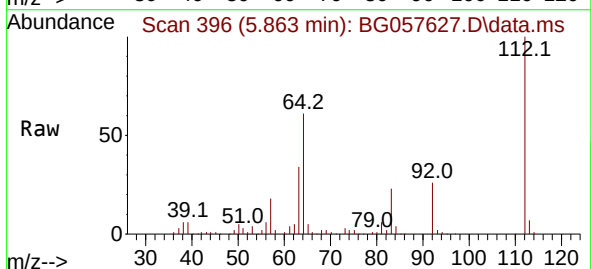
Instrument :
BNA_G
ClientSampleId :
TP-1

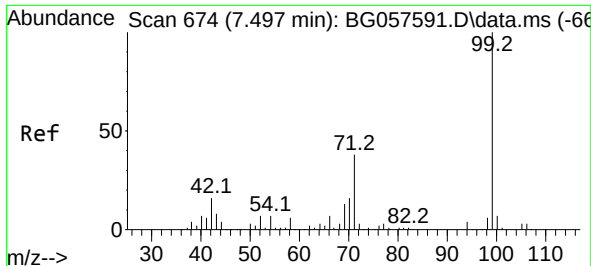
Tgt Ion:152 Resp: 24328
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 59.3 47.4 71.2



#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

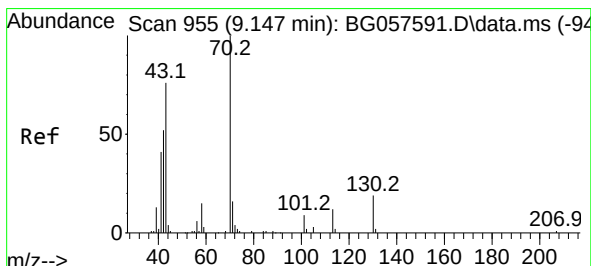
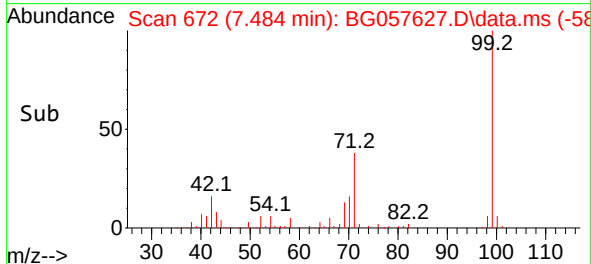
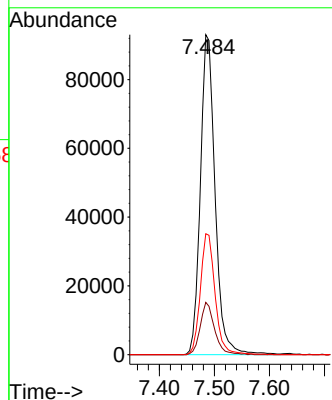
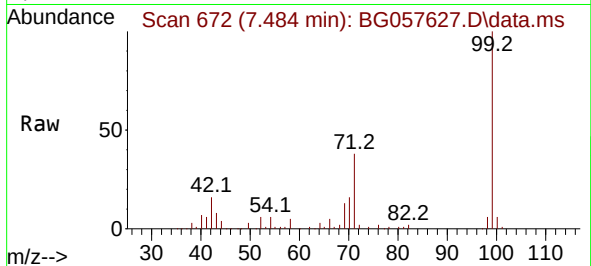




#7
Phenol-d6
Concen: 78.976 ng
RT: 7.484 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

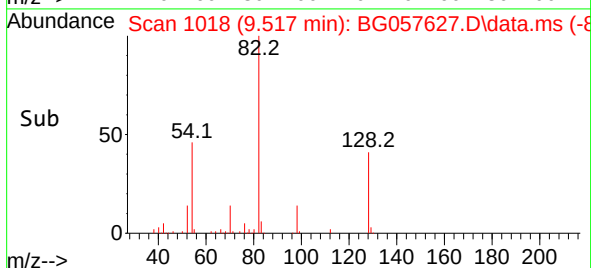
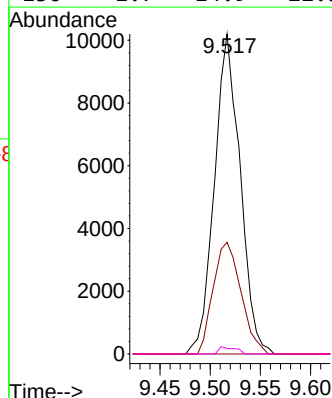
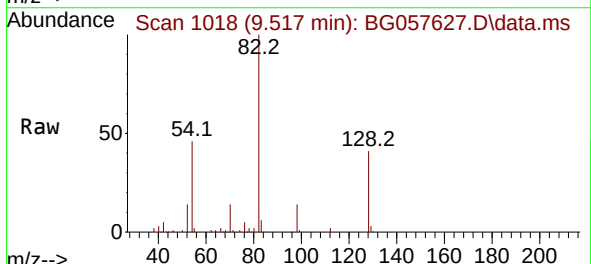
Instrument :
BNA_G
ClientSampleId :
TP-1

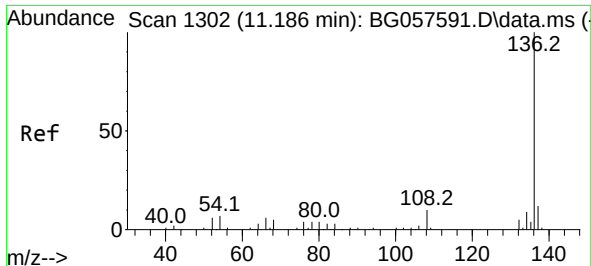
Tgt Ion: 99 Resp: 173076
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 37.8 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.937 ng
RT: 9.517 min Scan# 1018
Delta R.T. 0.378 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

Tgt Ion: 70 Resp: 18175
Ion Ratio Lower Upper
70 100
42 34.9 41.4 62.0#
101 0.0 6.9 10.3#
130 1.7 14.9 22.3#

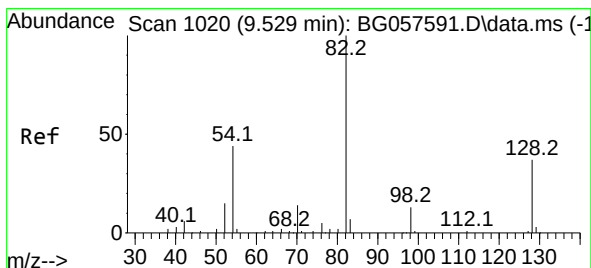
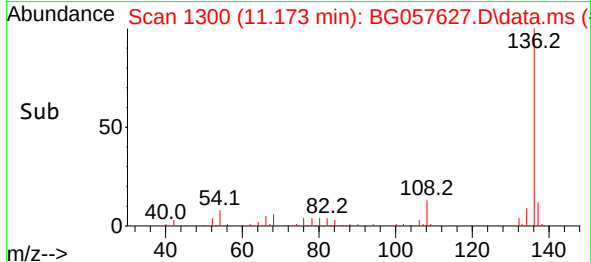
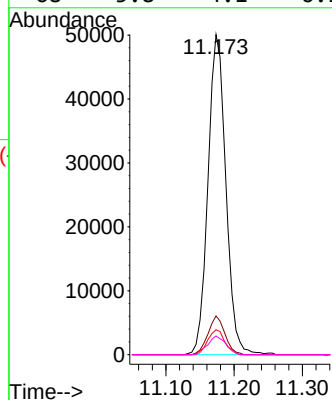
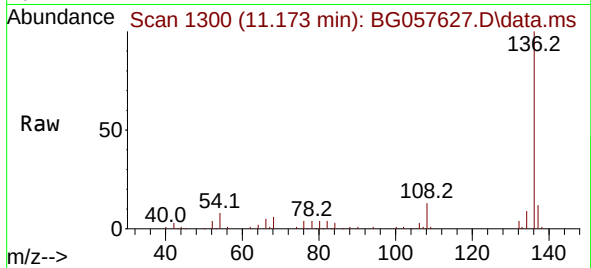




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

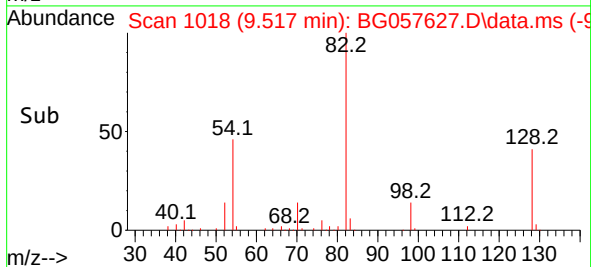
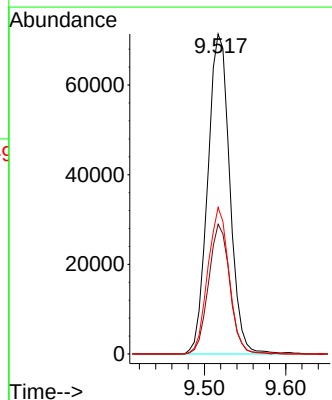
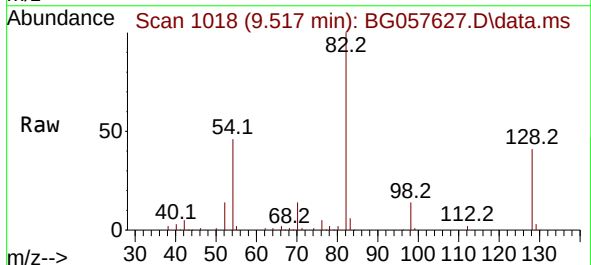
Instrument :
BNA_G
ClientSampleId :
TP-1

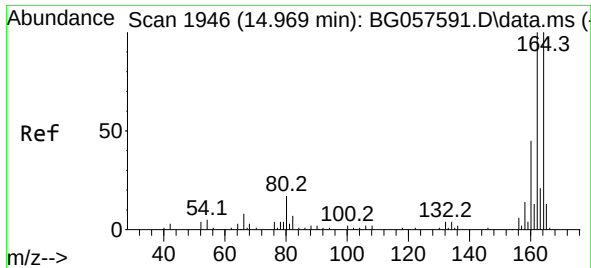
Tgt Ion:136	Resp:	91379
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.8 14.8
54	7.8	5.8 8.6
68	5.8	4.1 6.1



#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

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

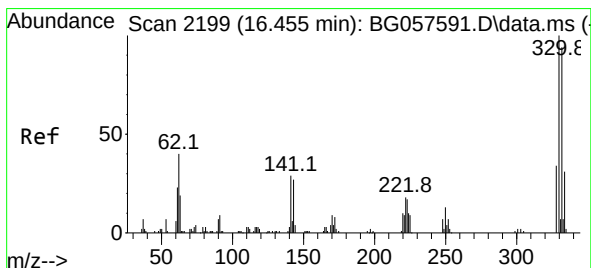
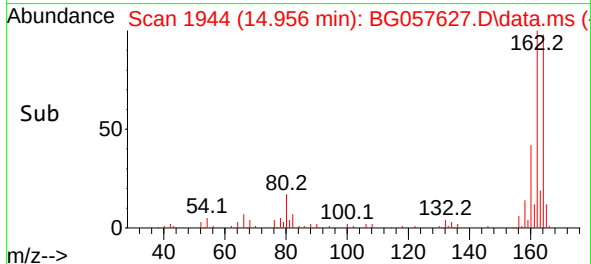
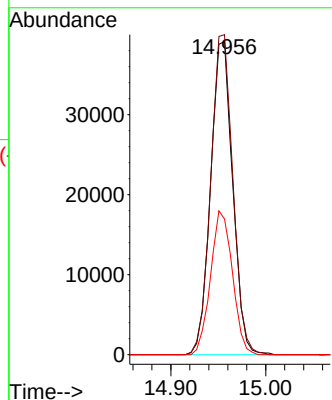
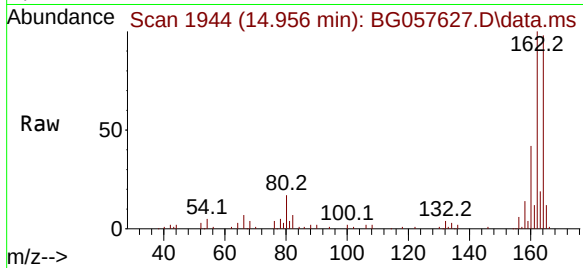




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

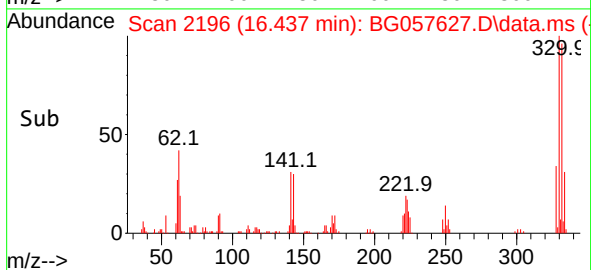
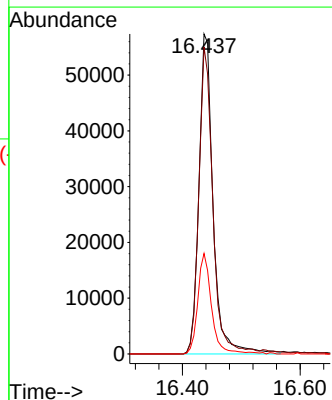
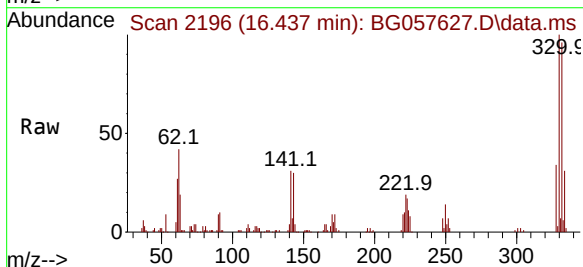
Instrument :
BNA_G
ClientSampleId :
TP-1

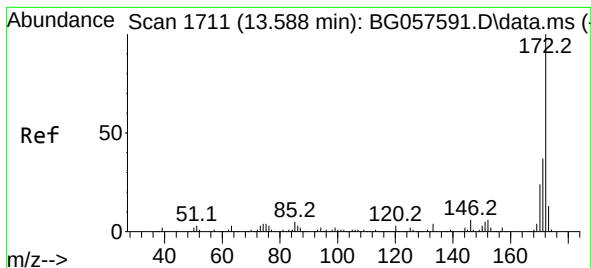
Tgt Ion:164 Resp: 63017
Ion Ratio Lower Upper
164 100
162 102.2 80.1 120.1
160 43.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 95.003 ng
RT: 16.437 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

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# 1

Delta R.T. -0.004 min

Lab File: BG057627.D

Acq: 31 May 2023 18:43

Instrument :

BNA_G

ClientSampleId :

TP-1

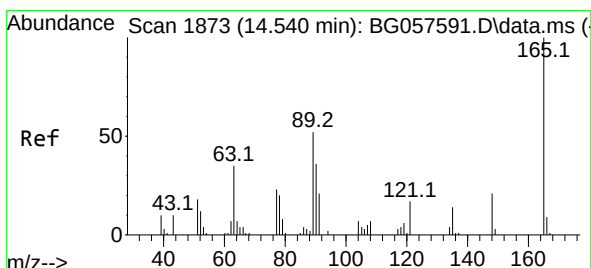
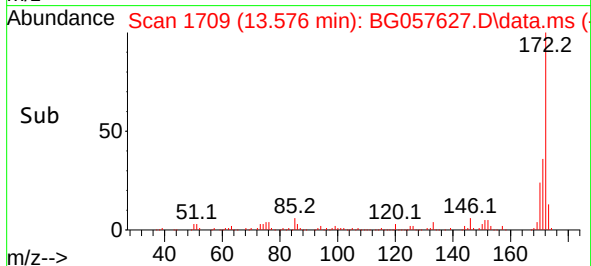
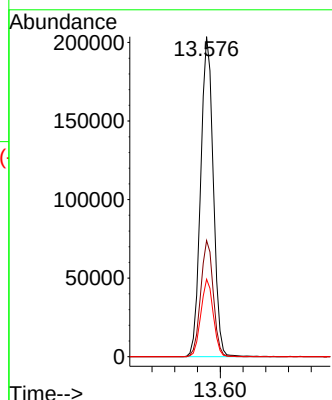
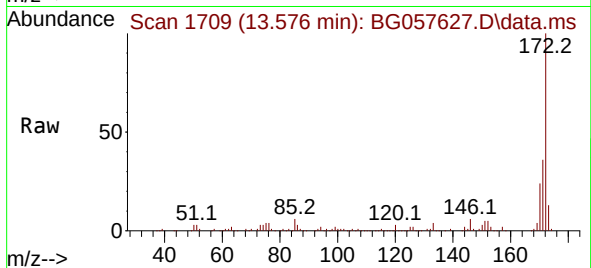
Tgt Ion:172 Resp: 314342

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.2 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.182 ng

RT: 14.956 min Scan# 1944

Delta R.T. 0.425 min

Lab File: BG057627.D

Acq: 31 May 2023 18:43

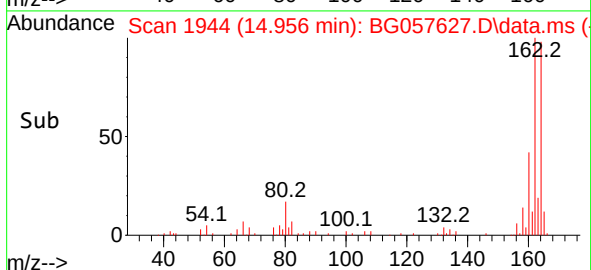
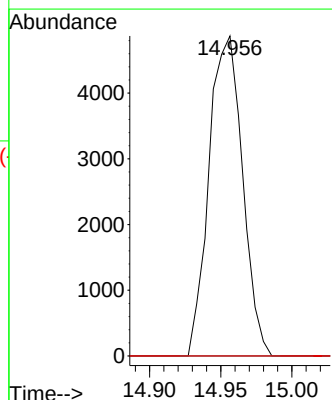
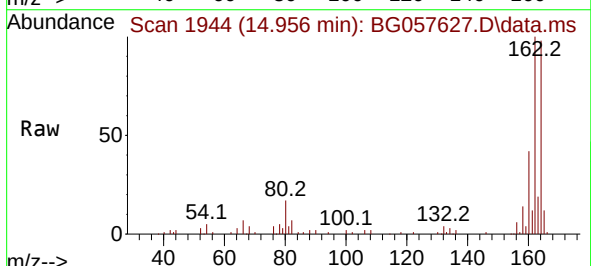
Tgt Ion:165 Resp: 7985

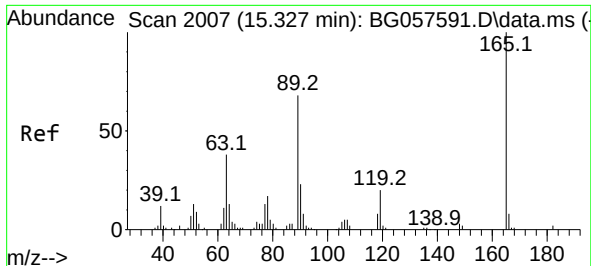
Ion Ratio Lower Upper

165 100

63 0.0 39.3 58.9#

89 0.0 41.5 62.3#

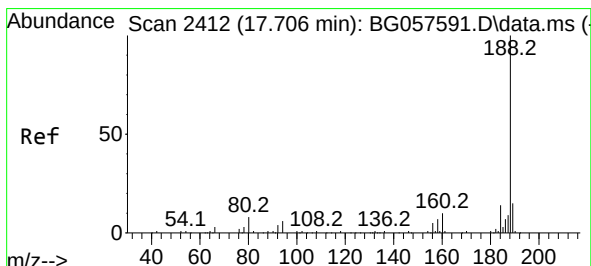
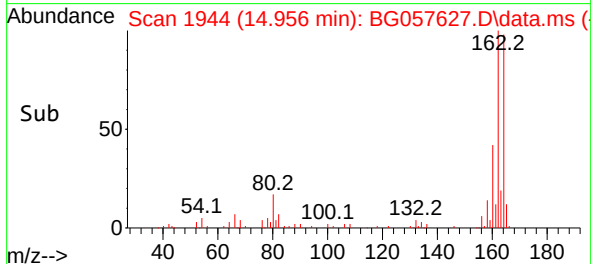
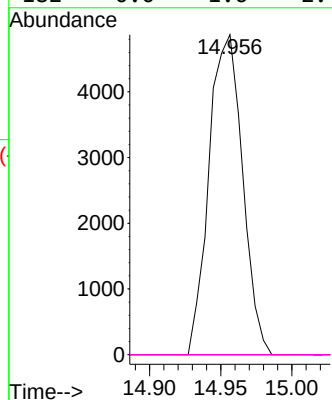
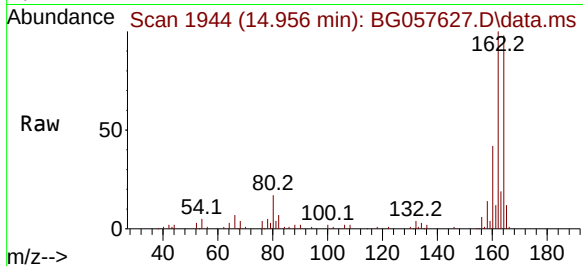




#57
2,4-Dinitrotoluene
Concen: 4.797 ng
RT: 14.956 min Scan# 14956
Delta R.T. -0.368 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

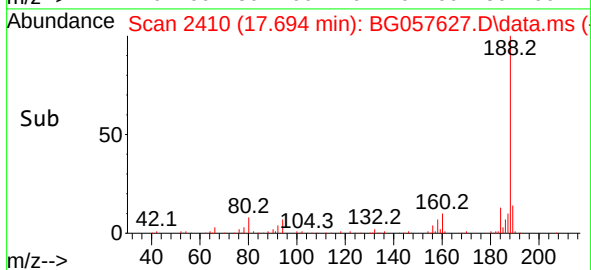
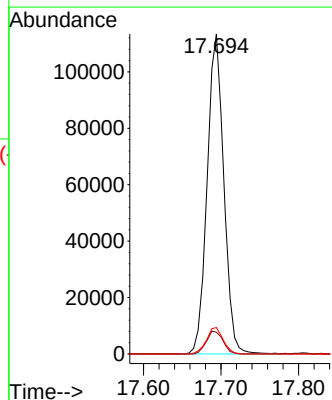
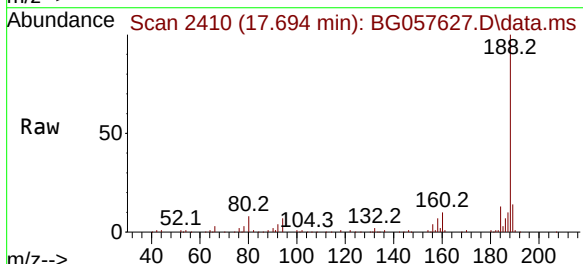
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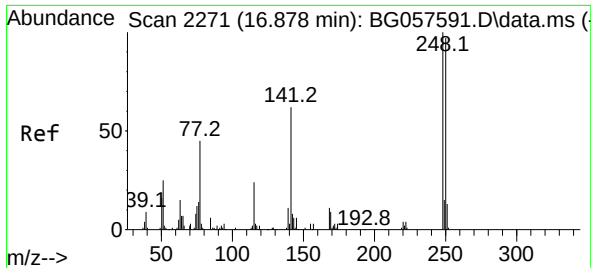
Tgt Ion:	165	Resp:	7985
Ion Ratio	Lower	Upper	
165	100		
63	0.0	30.6	45.8#
89	0.0	54.2	81.2#
182	0.0	1.6	2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

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

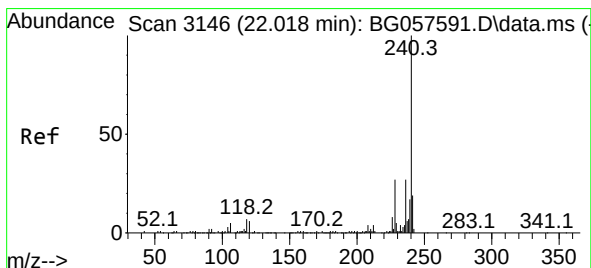
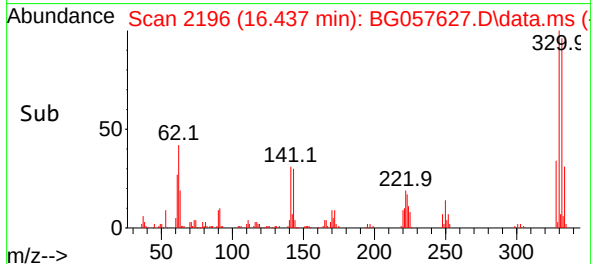
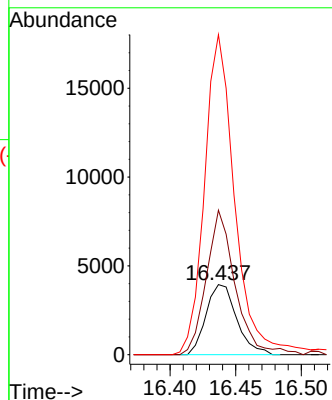
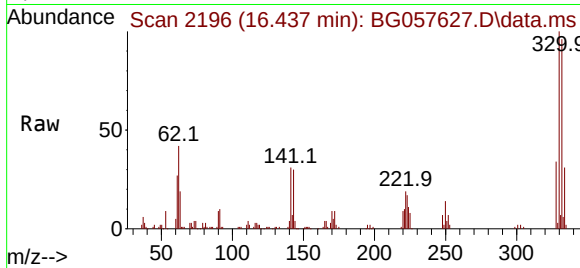




#67
4-Bromophenyl-phenylether
Concen: 3.375 ng
RT: 16.437 min Scan# 2196
Delta R.T. -0.432 min
Lab File: BG057627.D
Acq: 31 May 2023 18:43

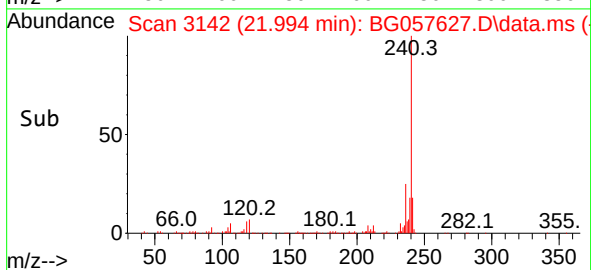
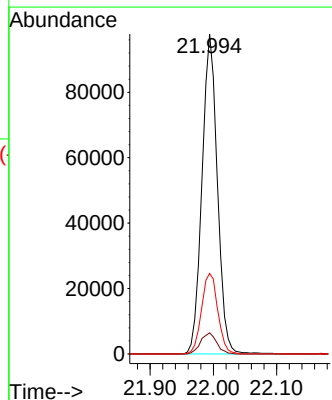
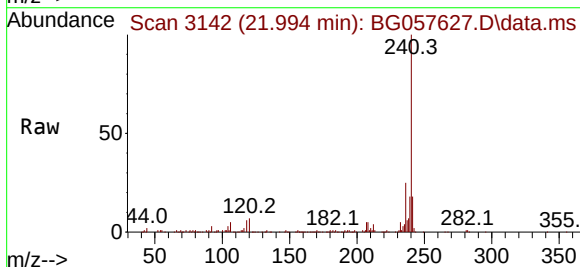
Instrument :
BNA_G
ClientSampleId :
TP-1

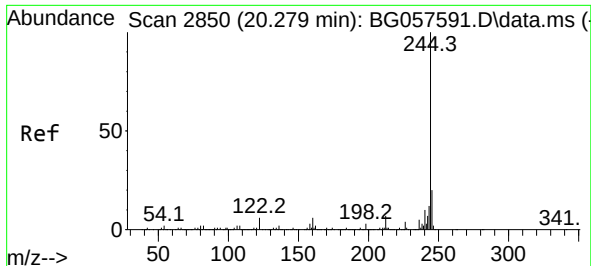
Tgt Ion:248 Resp: 6400
Ion Ratio Lower Upper
248 100
250 206.3 77.4 116.2#
141 456.8 49.4 74.0#



#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

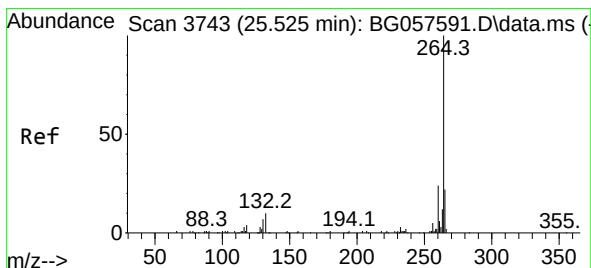
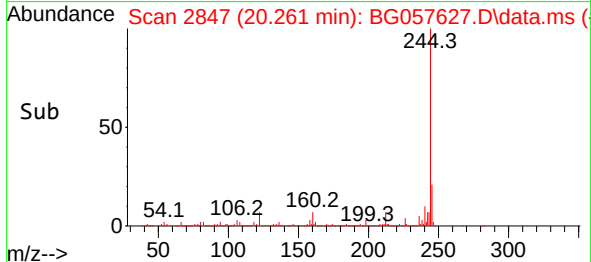
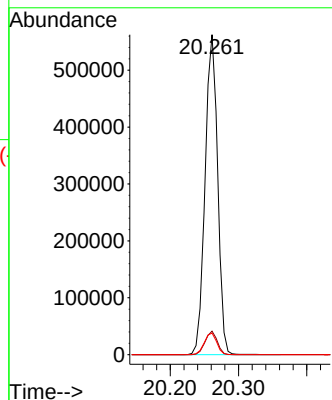
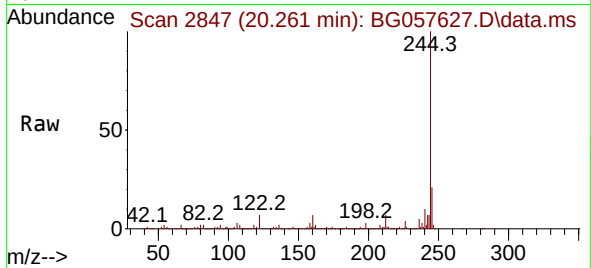




#79
 Terphenyl-d14
 Concen: 75.486 ng
 RT: 20.261 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057627.D
 Acq: 31 May 2023 18:43

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

