

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057630.D
 Acq On : 31 May 2023 20:47
 Operator : CG/JU
 Sample : 02981-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jun 01 03:57:36 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)

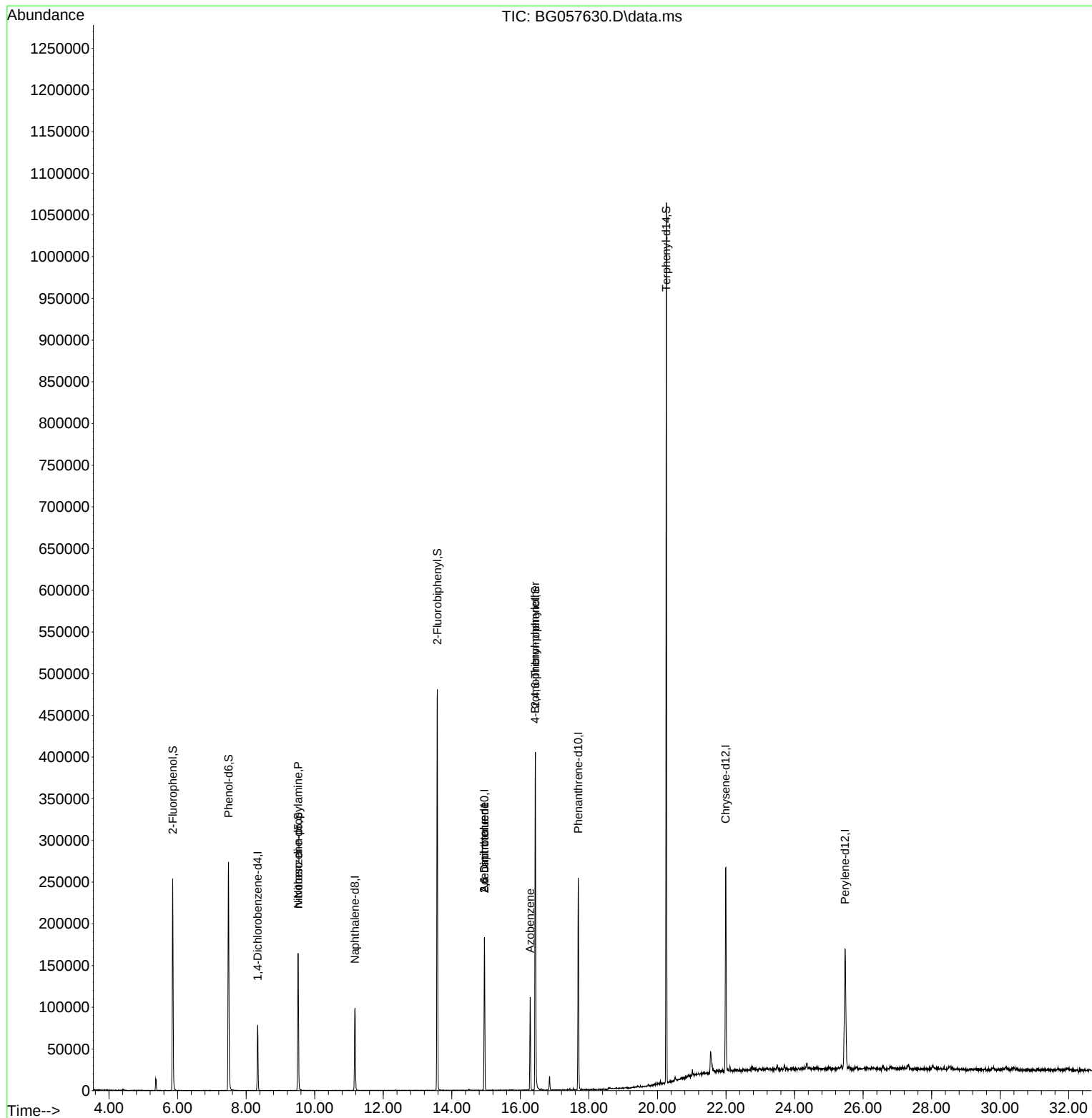
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	22372	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	92986	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	68187	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	173066	20.000	ng	0.00
76) Chrysene-d12	21.990	240	157845	20.000	ng	-0.01
86) Perylene-d12	25.473	264	166896	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	123070	95.570	ng	0.00
7) Phenol-d6	7.486	99	183057	90.834	ng	0.00
23) Nitrobenzene-d5	9.518	82	112847	56.731	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	90033	82.471	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	268879	56.669	ng	0.00
79) Terphenyl-d14	20.257	244	536248	58.849	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	14580	10.413	ng	# 79
51) 2,6-Dinitrotoluene	14.952	165	9378	7.795	ng	# 27
57) 2,4-Dinitrotoluene	14.952	165	9378	5.206	ng	# 25
63) Azobenzene	16.286	77	35320	6.771	ng	# 1
67) 4-Bromophenyl-phenylether	16.433	248	6111	3.148	ng	# 1

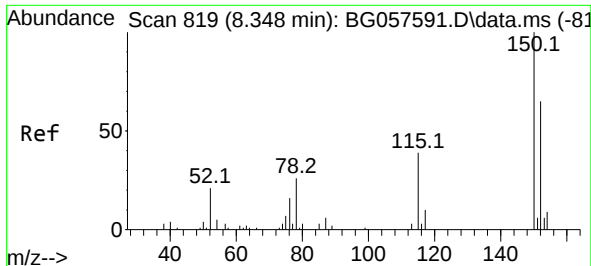
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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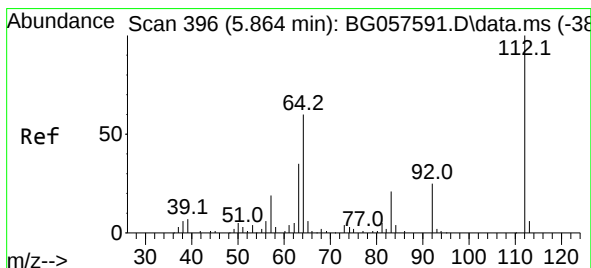
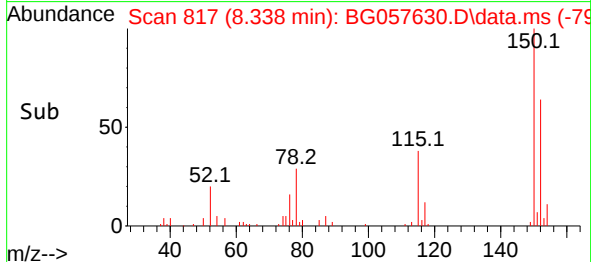
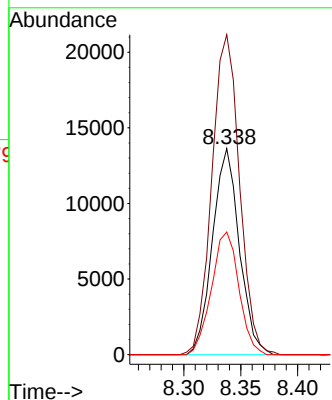
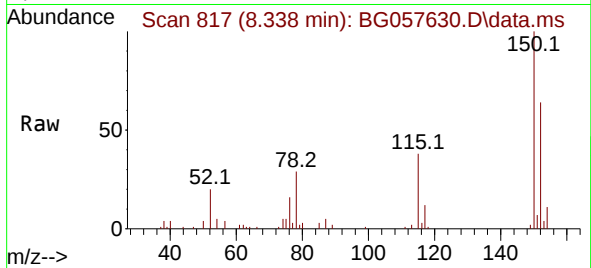




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

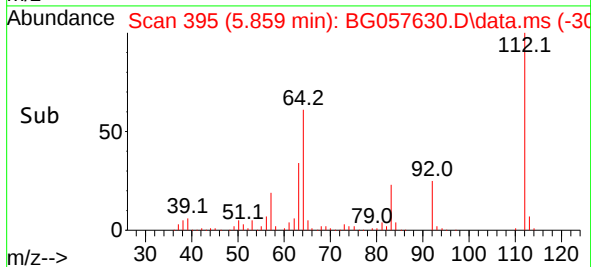
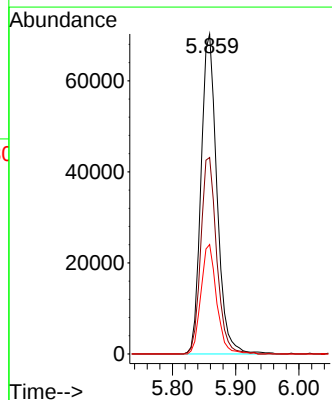
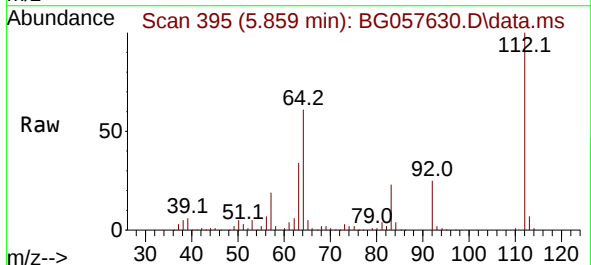
Instrument :
BNA_G
ClientSampleId :
TP-5

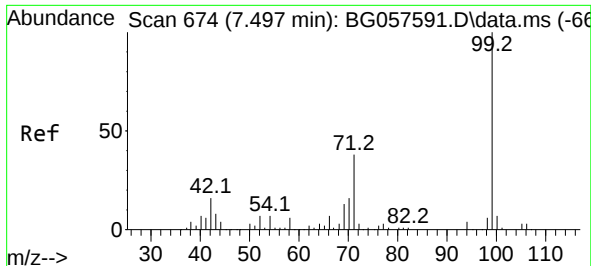
Tgt Ion:152 Resp: 22372
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 95.570 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:112 Resp: 123070
Ion Ratio Lower Upper
112 100
64 61.4 47.8 71.6
63 34.2 27.8 41.8

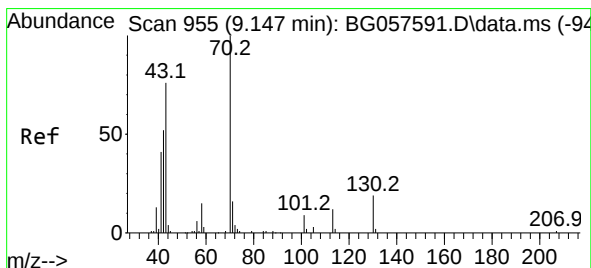
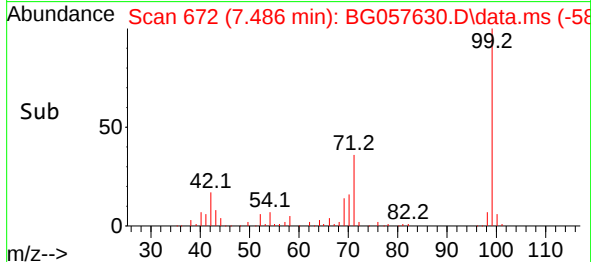
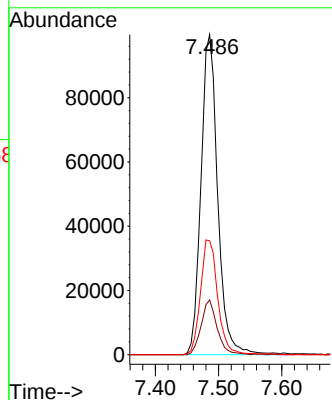
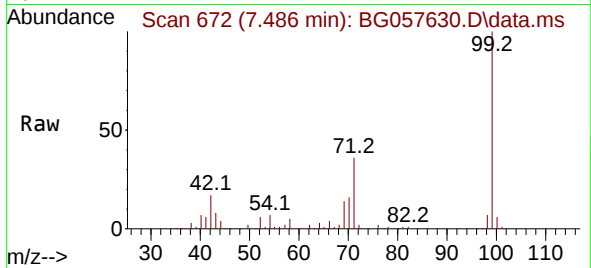




#7
Phenol-d6
Concen: 90.834 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

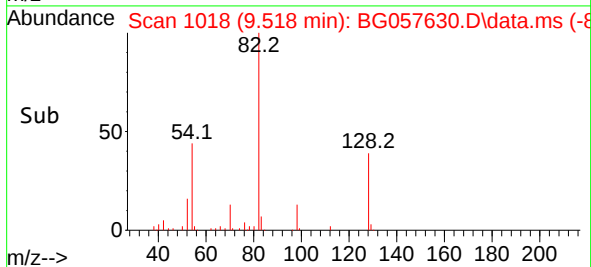
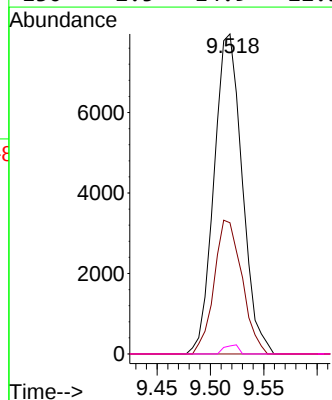
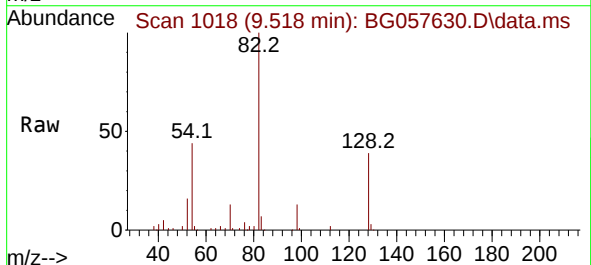
Instrument :
BNA_G
ClientSampleId :
TP-5

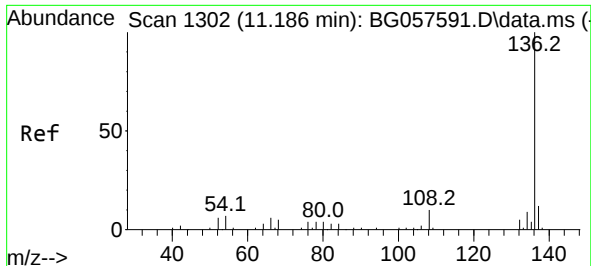
Tgt Ion: 99 Resp: 183057
Ion Ratio Lower Upper
99 100
42 17.1 12.8 19.2
71 35.6 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.413 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.380 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion: 70 Resp: 14580
Ion Ratio Lower Upper
70 100
42 41.0 41.4 62.0#
101 0.0 6.9 10.3#
130 2.5 14.9 22.3#

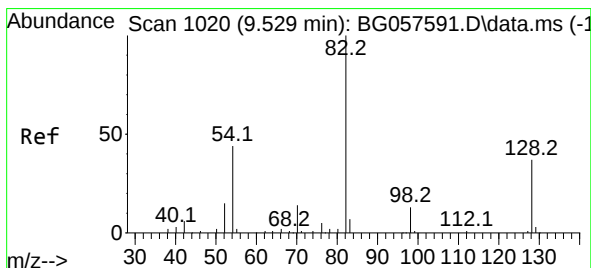
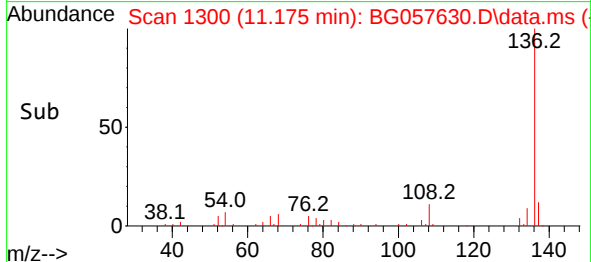
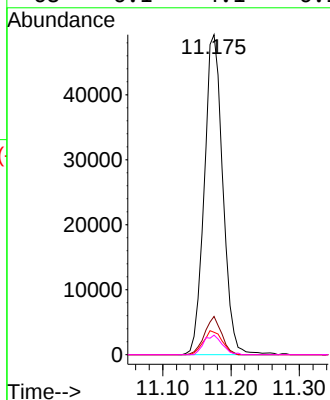
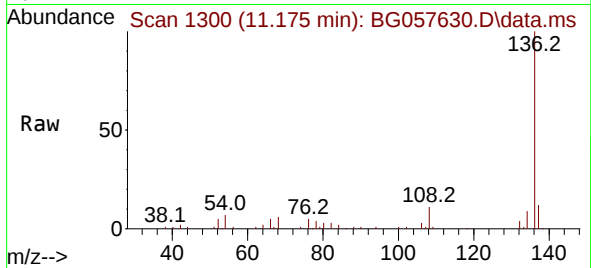




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

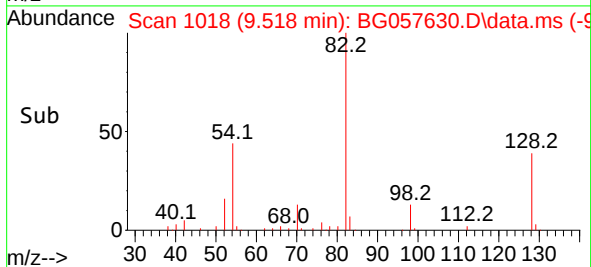
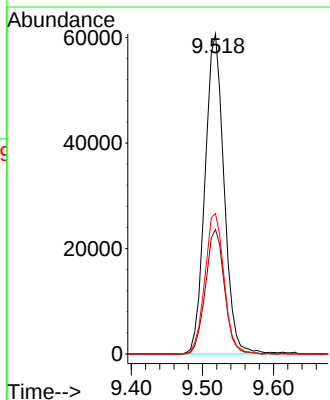
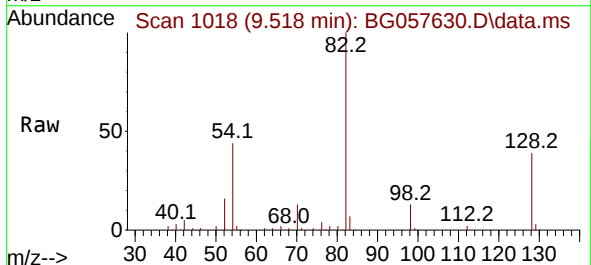
Instrument :
BNA_G
ClientSampleId :
TP-5

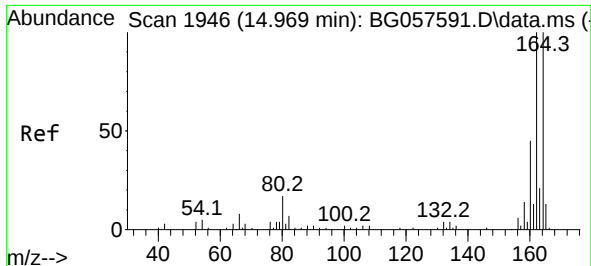
Tgt Ion:	136	Resp:	92986
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	7.0	5.8	8.6
68	6.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 56.731 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:	82	Resp:	112847
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.0	45.0
54	43.9	35.2	52.8

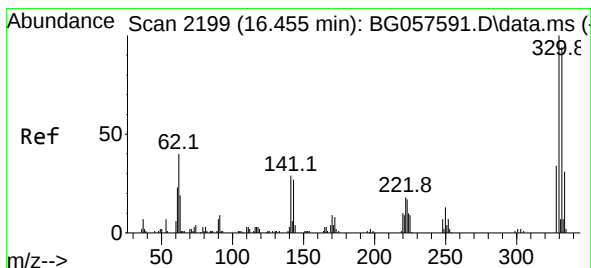
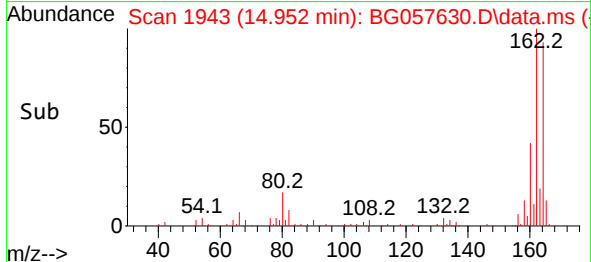
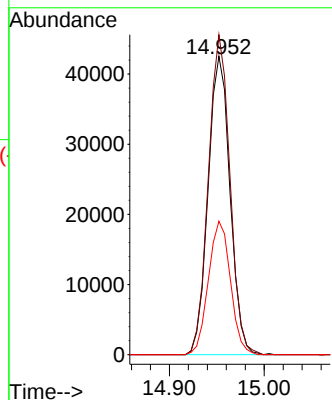
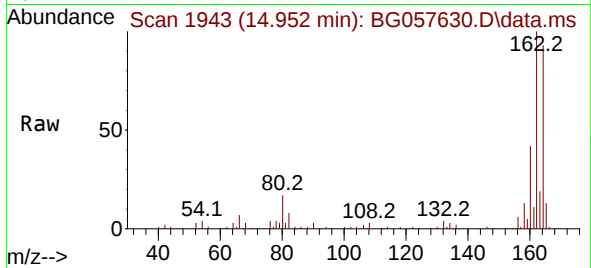




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.008 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

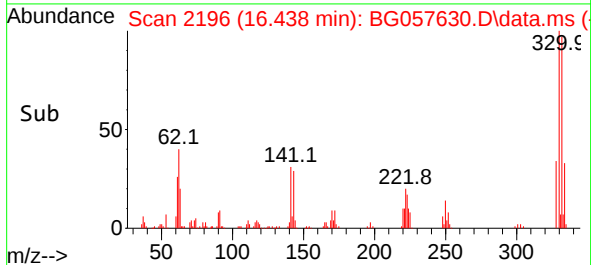
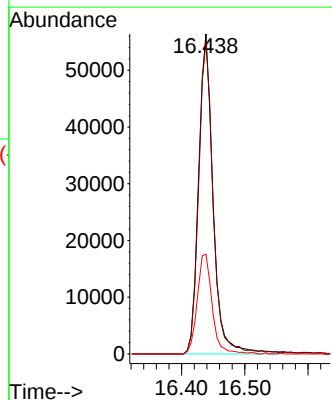
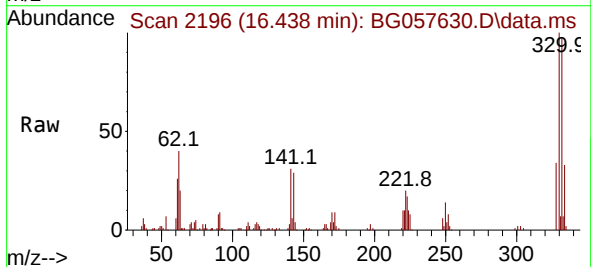
Instrument :
BNA_G
ClientSampleId :
TP-5

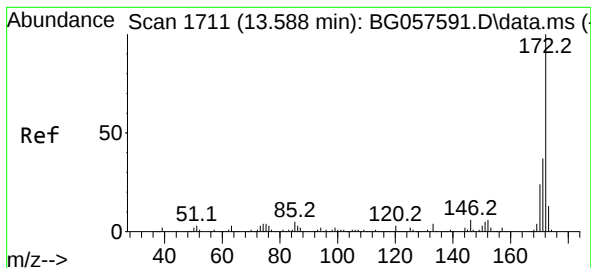
Tgt Ion:164 Resp: 68187
Ion Ratio Lower Upper
164 100
162 107.2 80.1 120.1
160 44.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 82.471 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:330 Resp: 90033
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 32.1 24.6 37.0

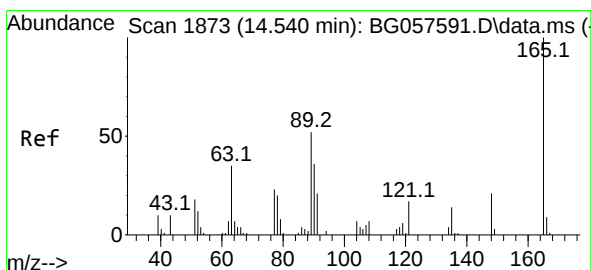
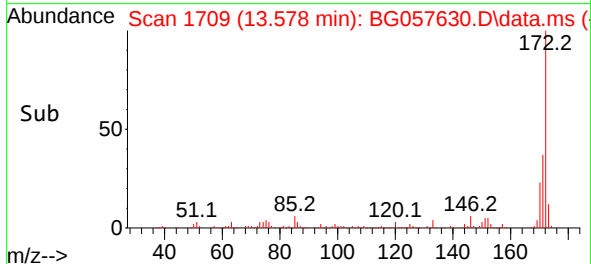
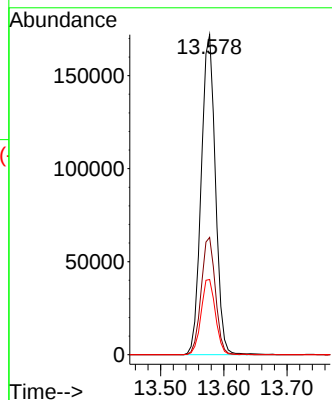
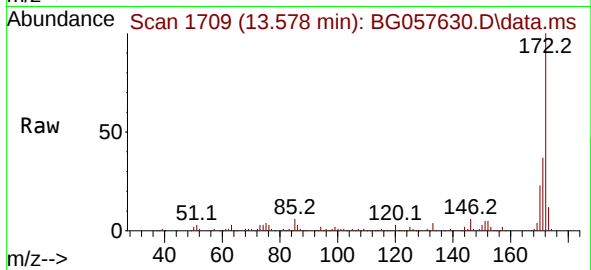




#45
2-Fluorobiphenyl
Concen: 56.669 ng
RT: 13.578 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

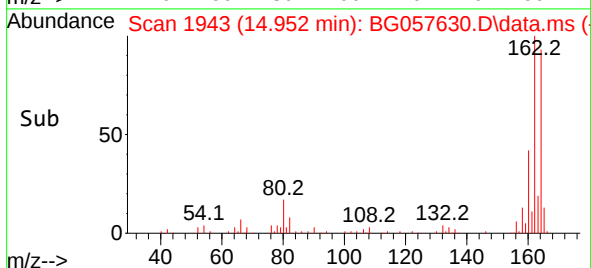
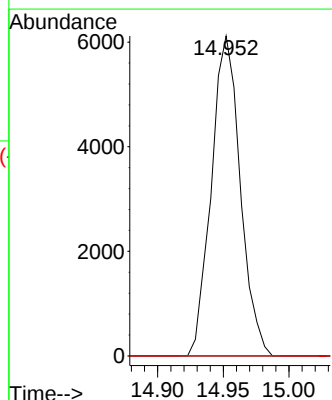
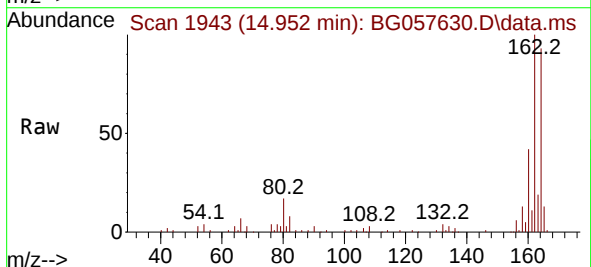
Instrument :
BNA_G
ClientSampleId :
TP-5

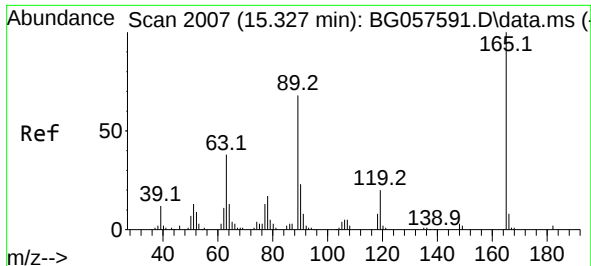
Tgt Ion:172 Resp: 268879
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 23.5 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.795 ng
RT: 14.952 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:165 Resp: 9378
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: 5.206 ng

RT: 14.952 min Scan# 1943

Delta R.T. -0.372 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

Instrument :

BNA_G

ClientSampleId :

TP-5

Tgt Ion:165 Resp: 9378

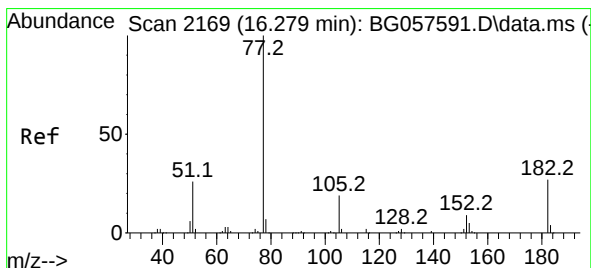
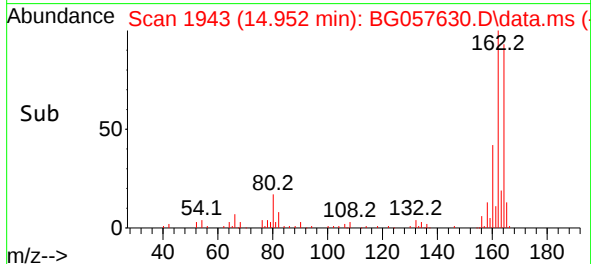
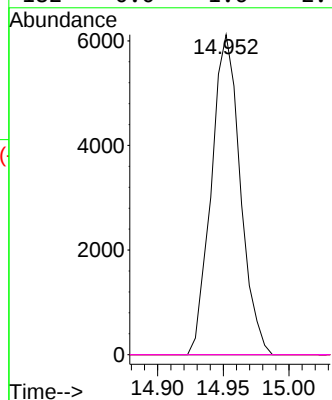
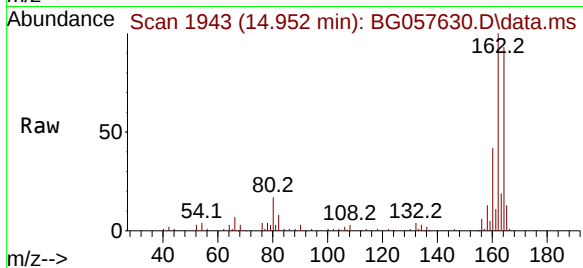
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#63

Azobenzene

Concen: 6.771 ng

RT: 16.286 min Scan# 2170

Delta R.T. 0.016 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

Tgt Ion: 77 Resp: 35320

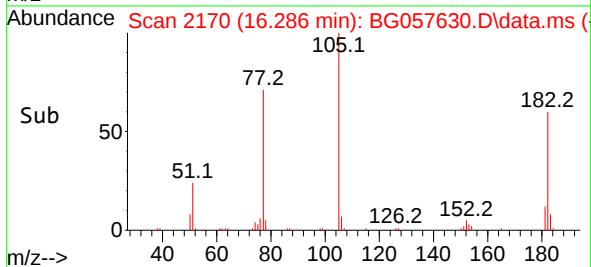
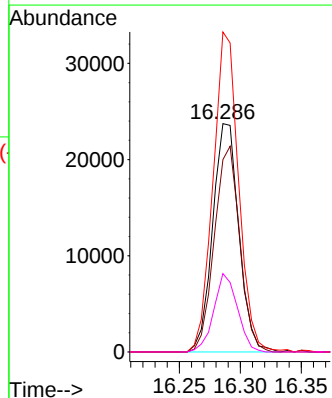
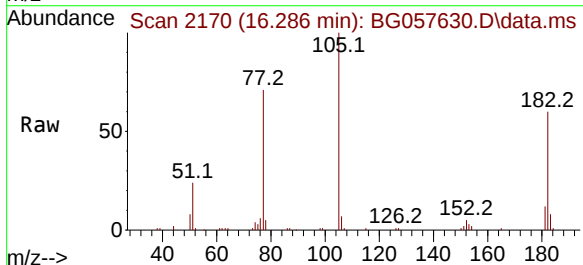
Ion Ratio Lower Upper

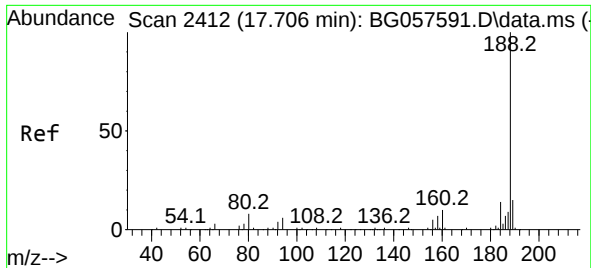
77 100

182 84.2 7.4 47.4#

105 140.1 0.0 39.4#

51 34.3 6.2 46.2

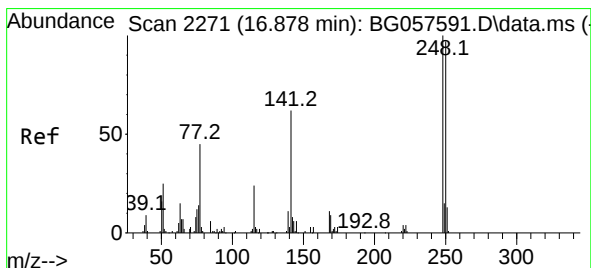
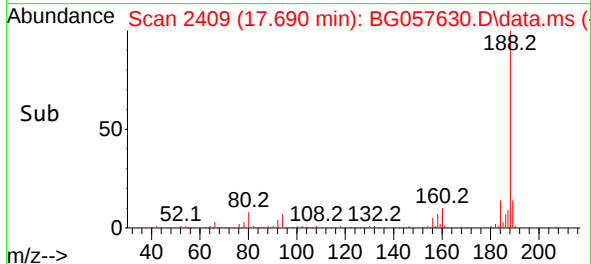
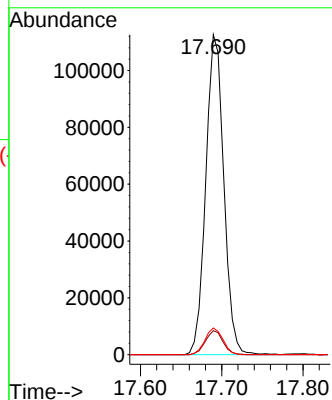
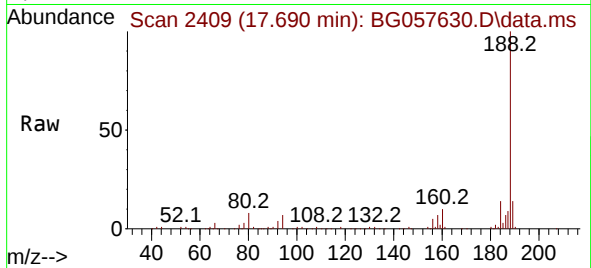




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.690 min Scan# 2412
Delta R.T. -0.008 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

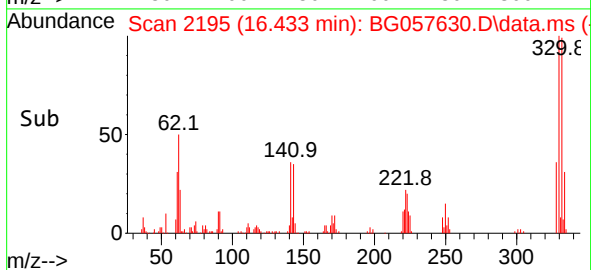
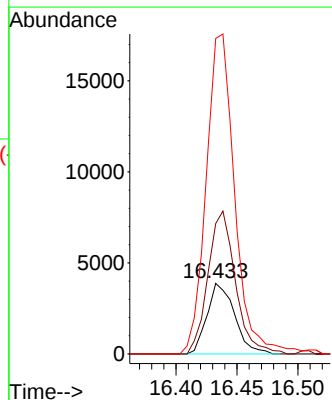
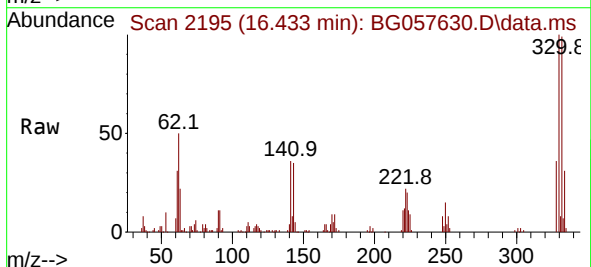
Instrument :
BNA_G
ClientSampleId :
TP-5

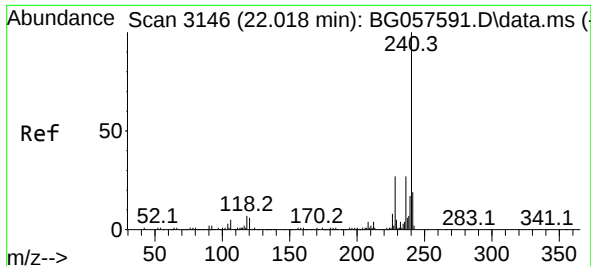
Tgt Ion:188 Resp: 173066
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.4 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.148 ng
RT: 16.433 min Scan# 2195
Delta R.T. -0.437 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:248 Resp: 6111
Ion Ratio Lower Upper
248 100
250 184.6 77.4 116.2#
141 446.8 49.4 74.0#

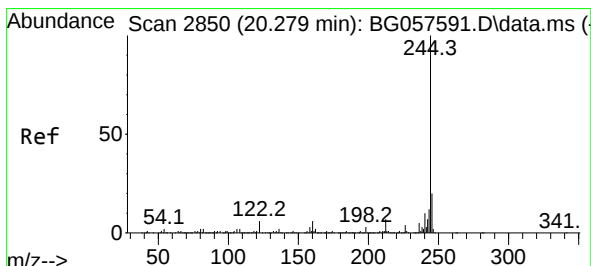
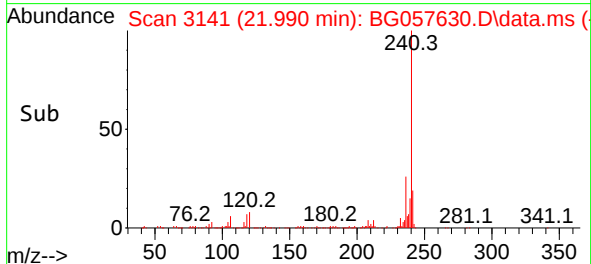
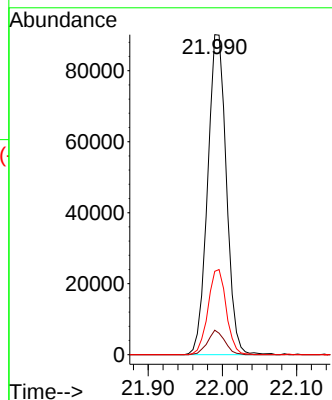
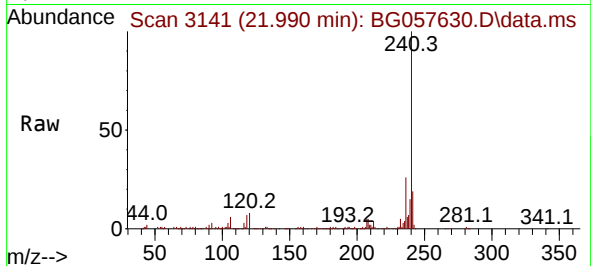




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

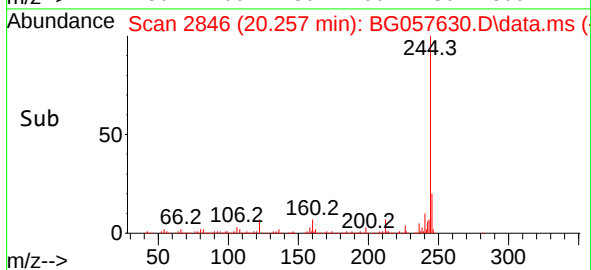
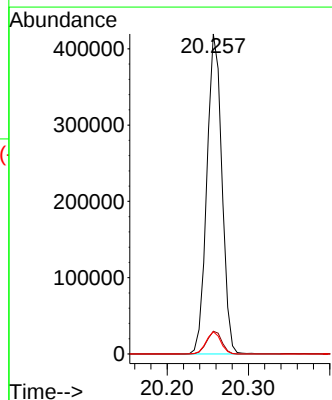
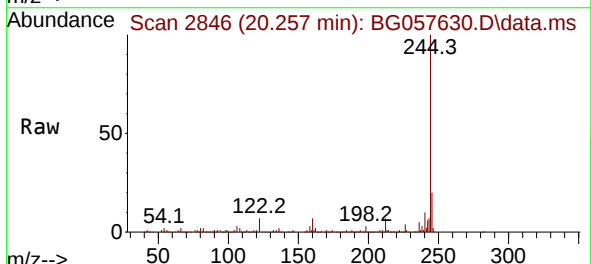
Instrument :
BNA_G
ClientSampleId :
TP-5

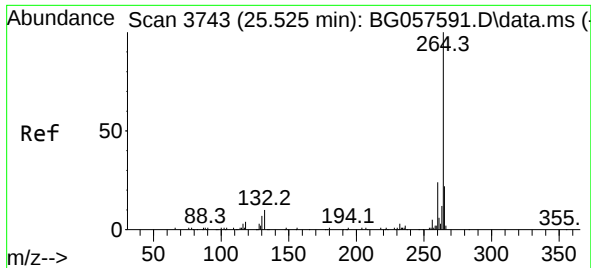
Tgt Ion:240 Resp: 157845
Ion Ratio Lower Upper
240 100
120 7.6 5.2 7.8
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 58.849 ng
RT: 20.257 min Scan# 2846
Delta R.T. -0.008 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:244 Resp: 536248
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 7.0 4.8 7.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.473 min Scan# 31
Delta R.T. -0.025 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 166896
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 21.5 17.7 26.5

