

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057890.D
 Acq On : 28 Jun 2023 13:08
 Operator : CG/JU
 Sample : 03368-02 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-29

Quant Time: Jun 28 14:21:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

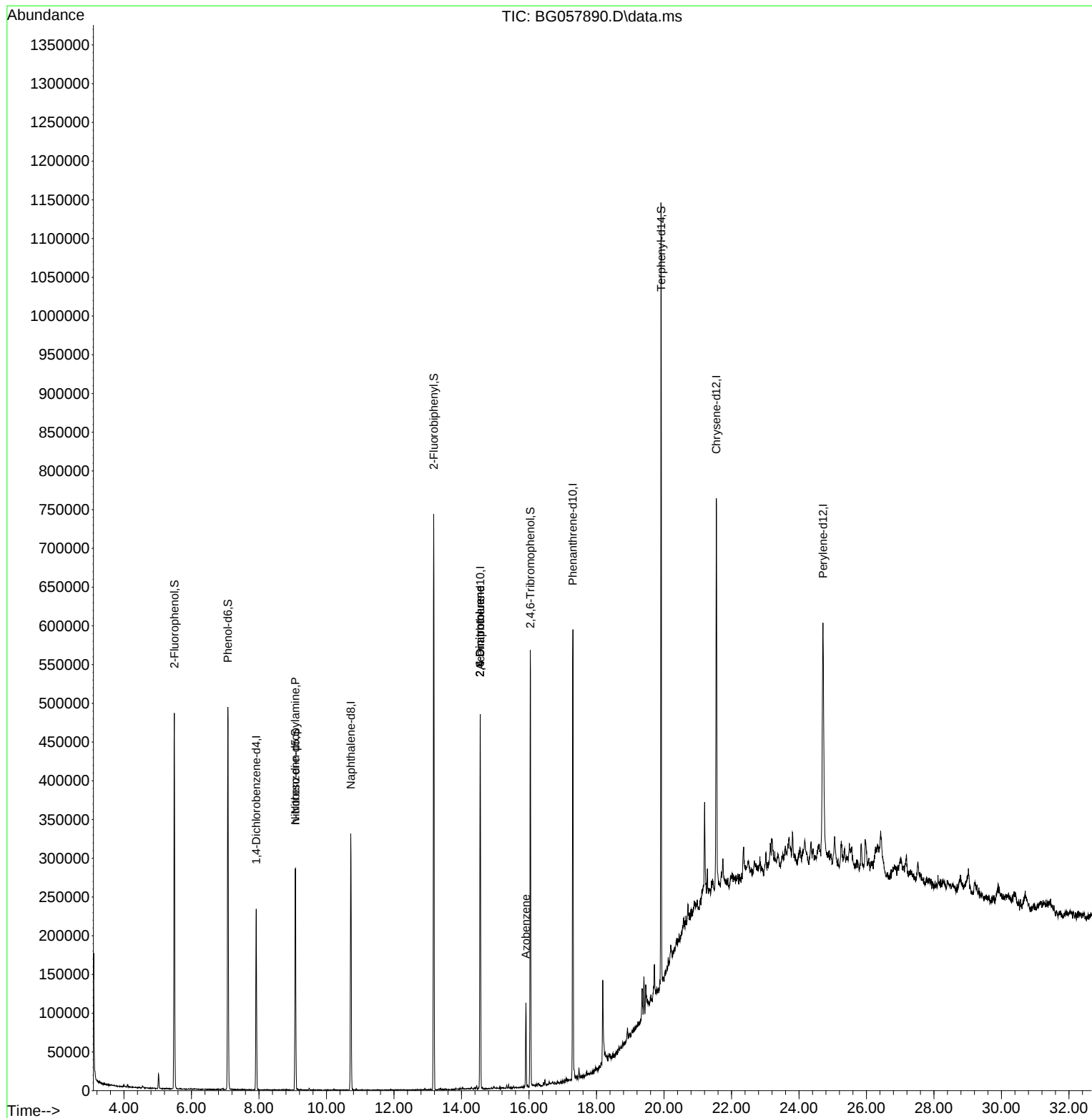
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	64304	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	277023	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	175112	20.000	ng	0.00
64) Phenanthrene-d10	17.302	188	366994	20.000	ng	0.00
76) Chrysene-d12	21.550	240	302951	20.000	ng	0.00
86) Perylene-d12	24.711	264	373029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	210670	50.125	ng	0.00
7) Phenol-d6	7.079	99	304361	48.428	ng	0.00
23) Nitrobenzene-d5	9.077	82	179213	31.704	ng	-0.01
42) 2,4,6-Tribromophenol	16.045	330	119246	40.544	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	399883	34.848	ng	0.00
79) Terphenyl-d14	19.917	244	529539	31.866	ng	0.00
Target Compounds						
9) Benzaldehyde	7.079	77	489	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.077	70	22130	5.262	ng	# 77
51) 2,6-Dinitrotoluene	14.553	165	23139	8.030	ng	# 23
57) 2,4-Dinitrotoluene	14.553	165	23139	5.534	ng	# 21
63) Azobenzene	15.910	77	30381	2.172	ng	# 1

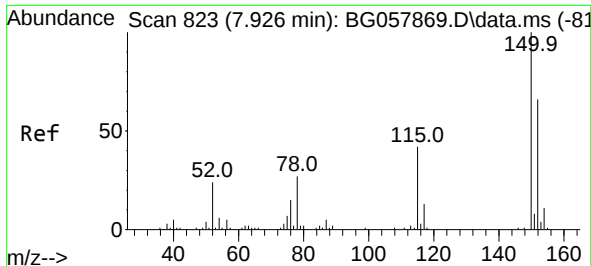
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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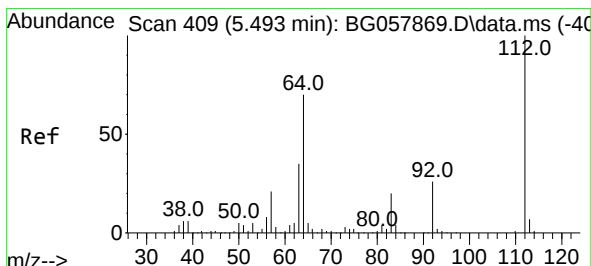
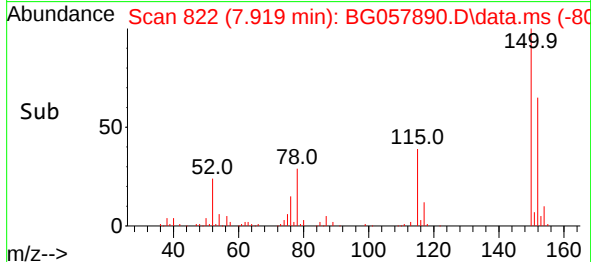
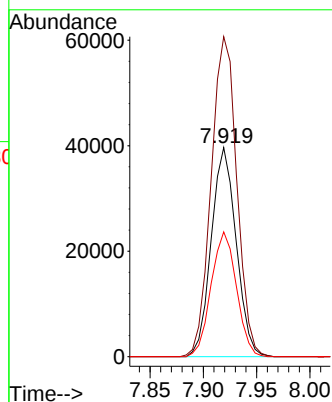
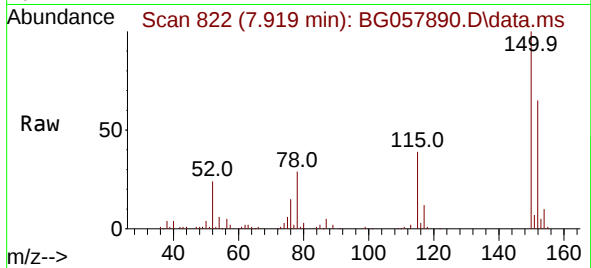




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

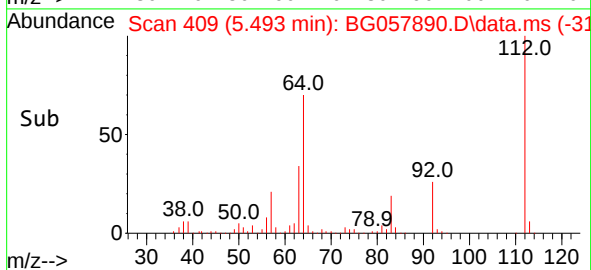
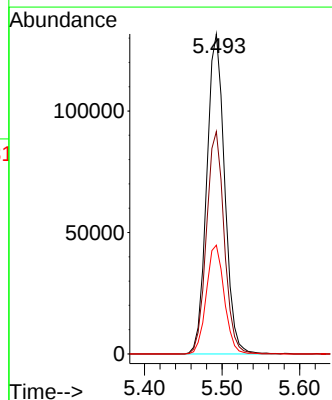
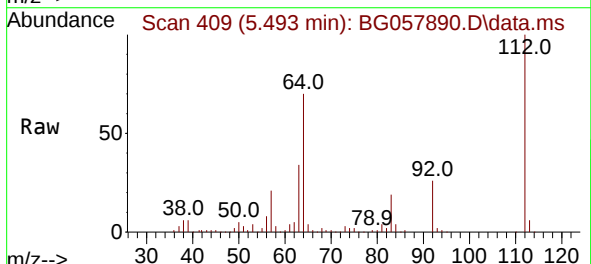
Instrument :
BNA_G
ClientSampleId :
CF-29

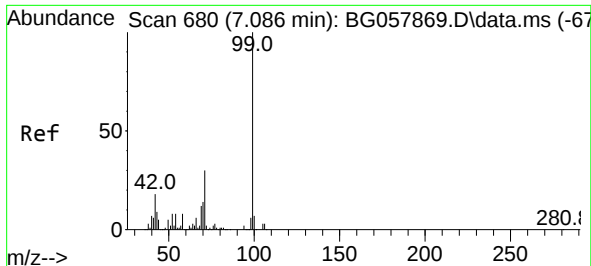
Tgt Ion:152 Resp: 64304
Ion Ratio Lower Upper
152 100
150 153.0 122.0 183.0
115 59.7 50.7 76.1



#5
2-Fluorophenol
Concen: 50.125 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.001 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion:112 Resp: 210670
Ion Ratio Lower Upper
112 100
64 69.5 55.8 83.6
63 34.0 27.9 41.9

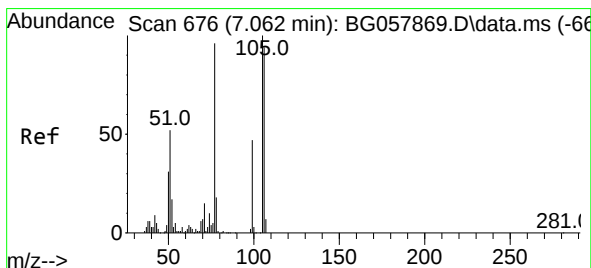
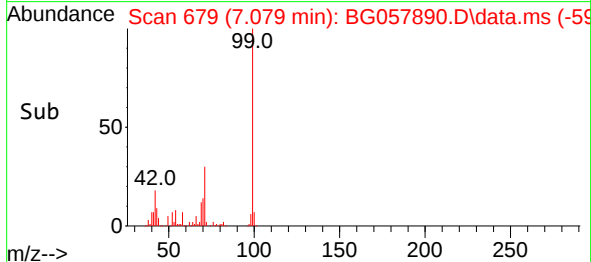
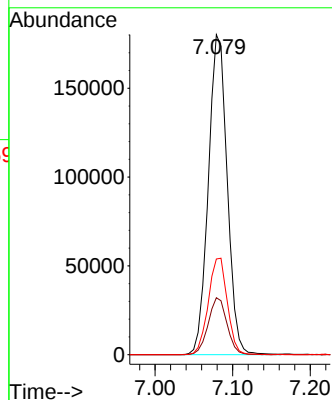
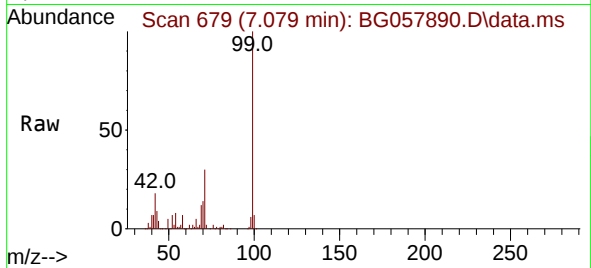




#7
Phenol-d6
Concen: 48.428 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

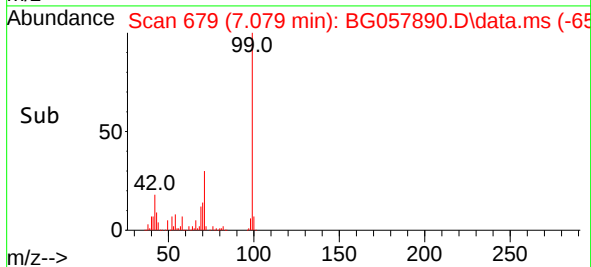
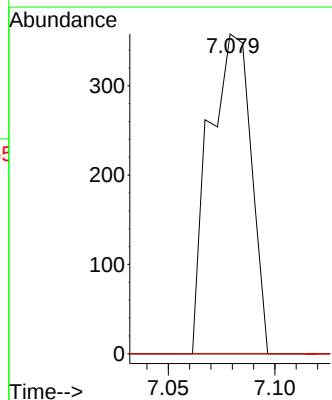
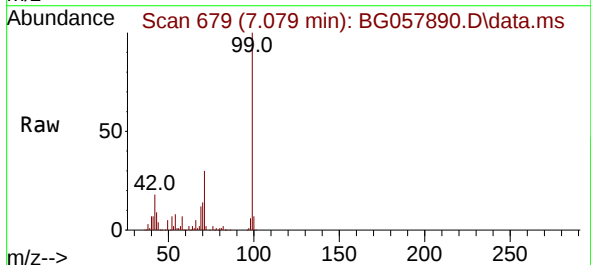
Instrument :
BNA_G
ClientSampleId :
CF-29

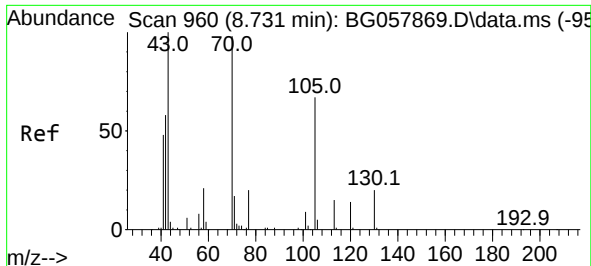
Tgt Ion: 99 Resp: 304361
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 29.9 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.079 min Scan# 679
Delta R.T. 0.017 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 77 Resp: 489
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

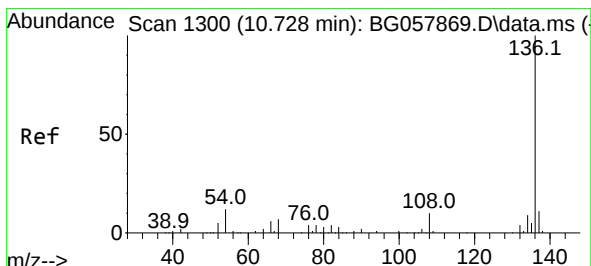
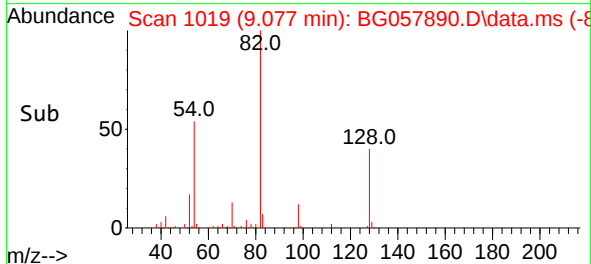
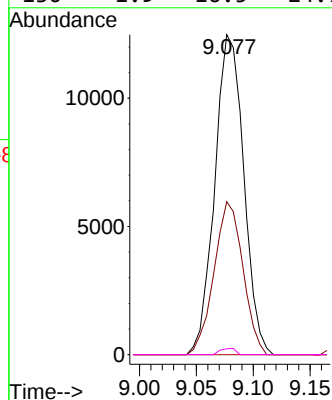
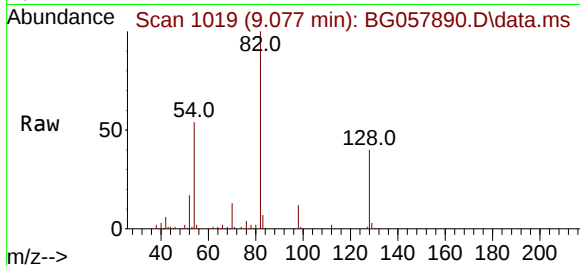




#19
n-Nitroso-di-n-propylamine
Concen: 5.262 ng
RT: 9.077 min Scan# 1019
Delta R.T. 0.346 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

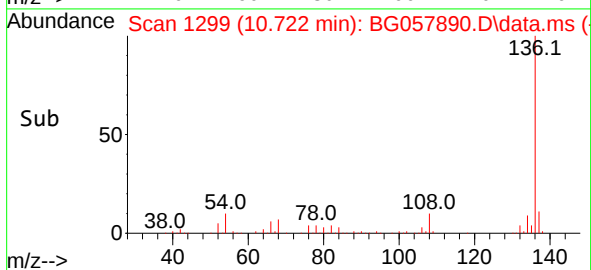
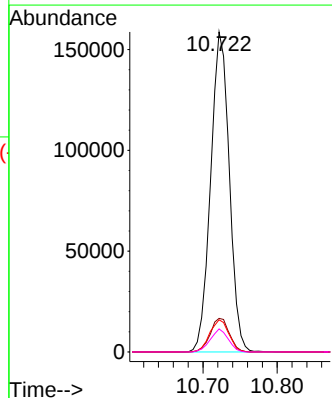
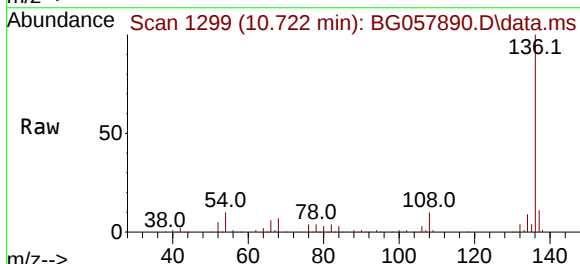
Instrument :
BNA_G
ClientSampleId :
CF-29

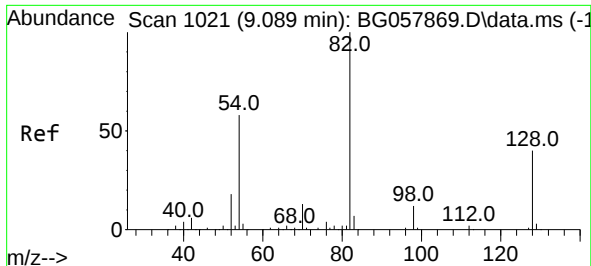
Tgt Ion: 70 Resp: 22130
Ion Ratio Lower Upper
70 100
42 47.8 48.4 72.6#
101 0.0 7.2 10.8#
130 1.9 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.007 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 136 Resp: 277023
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.0 9.3 13.9
68 7.2 5.9 8.9





#23

Nitrobenzene-d5

Concen: 31.704 ng

RT: 9.077 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BG057890.D

Acq: 28 Jun 2023 13:08

Instrument :

BNA_G

ClientSampleId :

CF-29

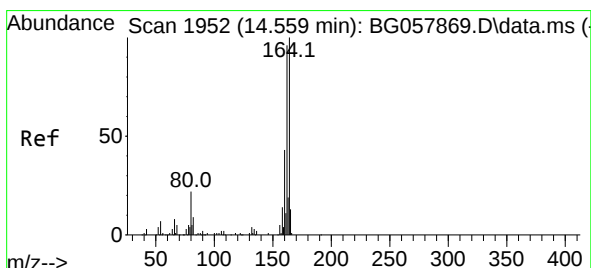
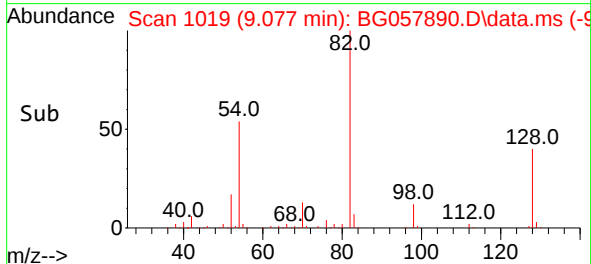
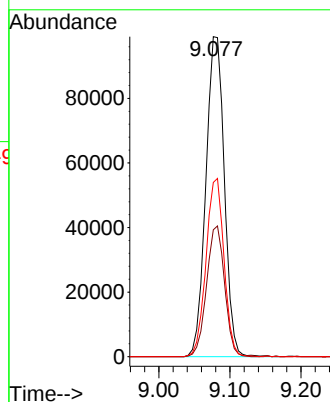
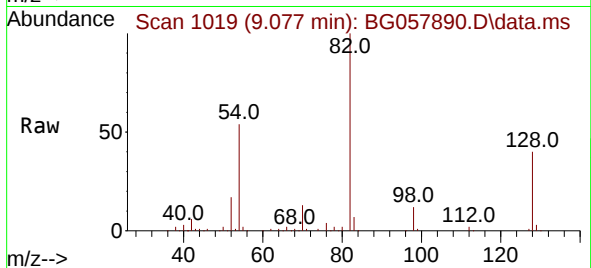
Tgt Ion: 82 Resp: 179213

Ion Ratio Lower Upper

82 100

128 39.6 32.2 48.4

54 54.4 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.558 min Scan# 1952

Delta R.T. -0.001 min

Lab File: BG057890.D

Acq: 28 Jun 2023 13:08

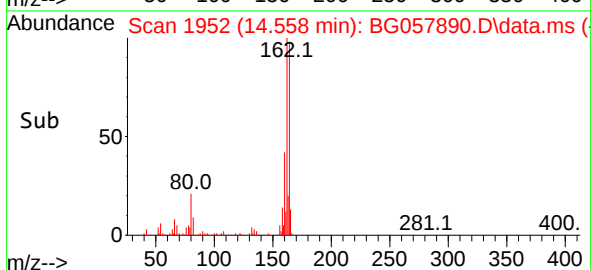
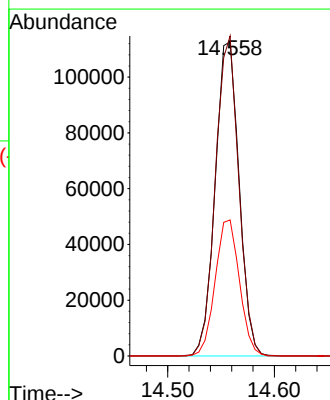
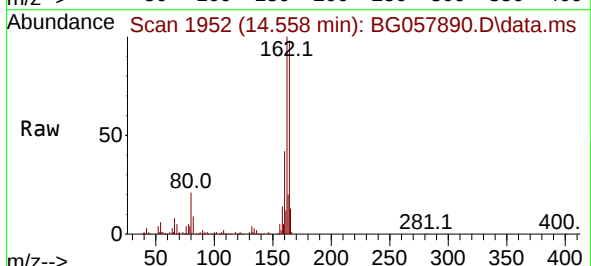
Tgt Ion:164 Resp: 175112

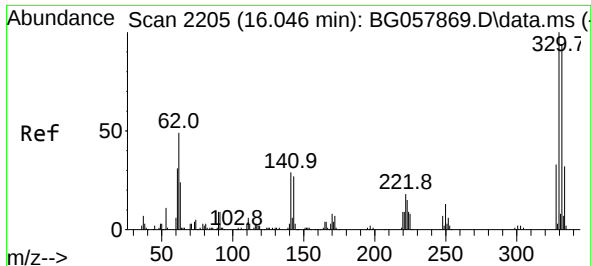
Ion Ratio Lower Upper

164 100

162 101.9 76.4 114.6

160 43.3 34.2 51.2

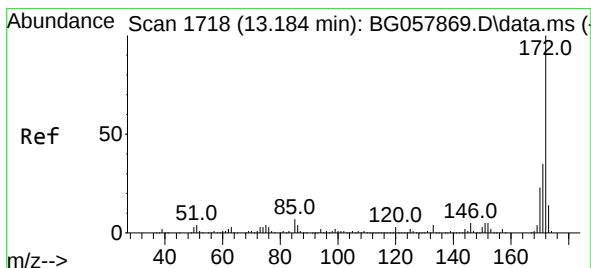
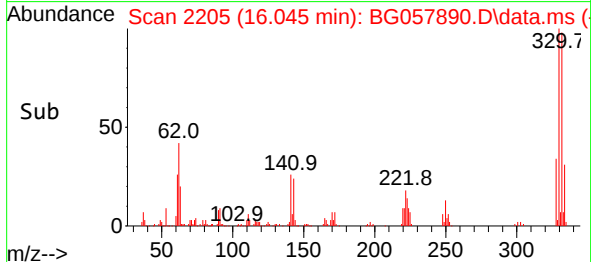
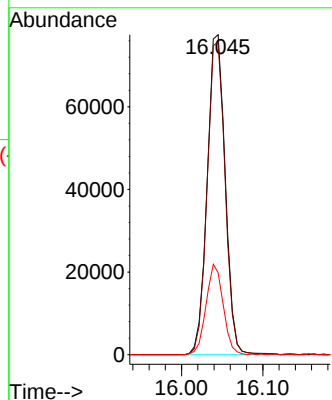
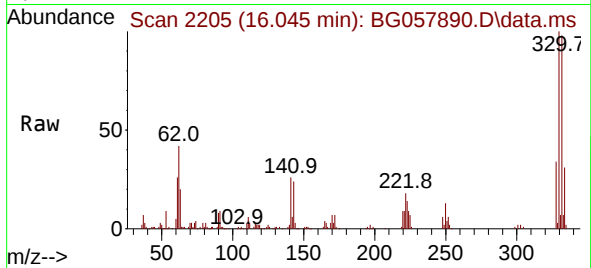




#42
2,4,6-Tribromophenol
Concen: 40.544 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

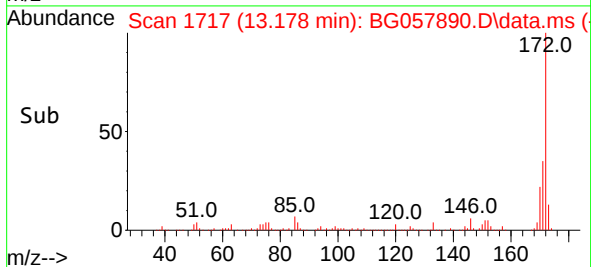
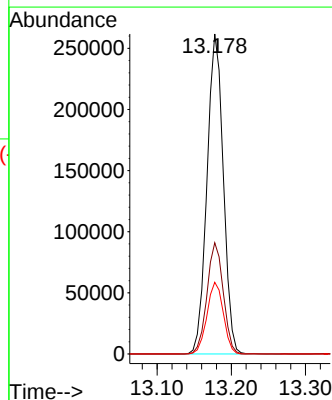
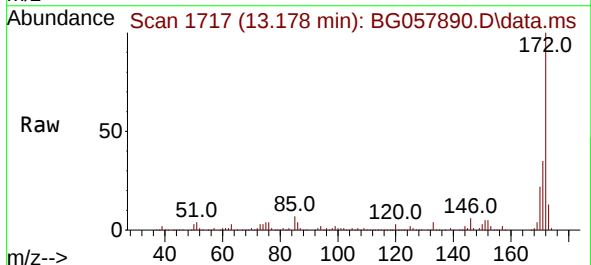
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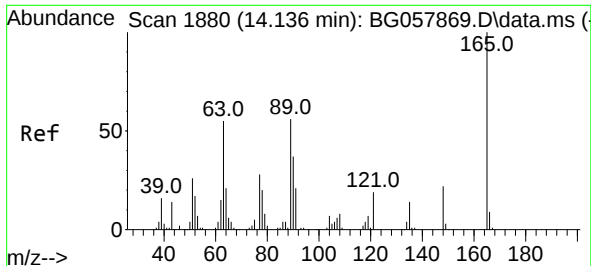
Tgt Ion:330 Resp: 119246
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 26.8 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 34.848 ng
RT: 13.178 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion:172 Resp: 399883
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.4 18.6 27.8

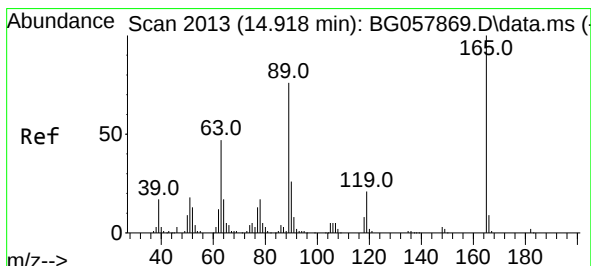
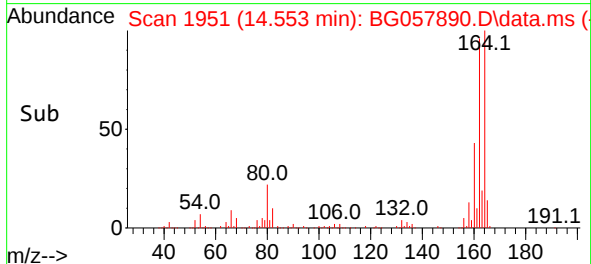
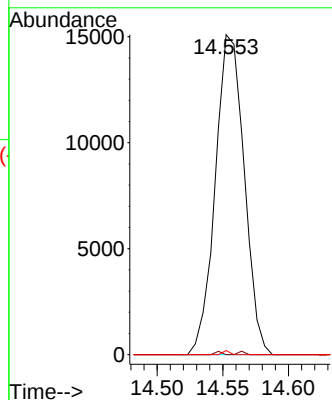
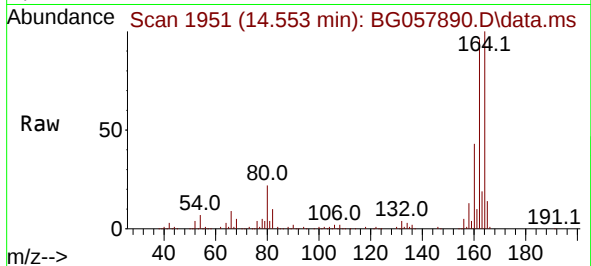




#51
2,6-Dinitrotoluene
Concen: 8.030 ng
RT: 14.553 min Scan# 1951
Delta R.T. 0.416 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

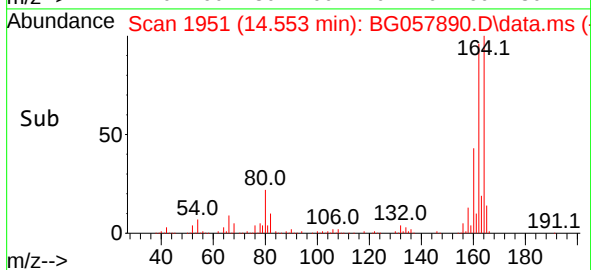
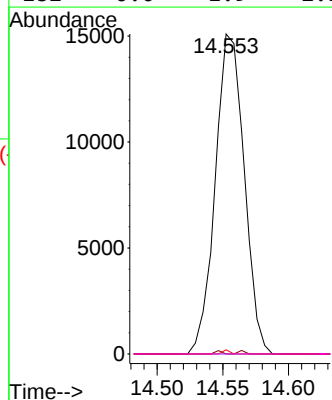
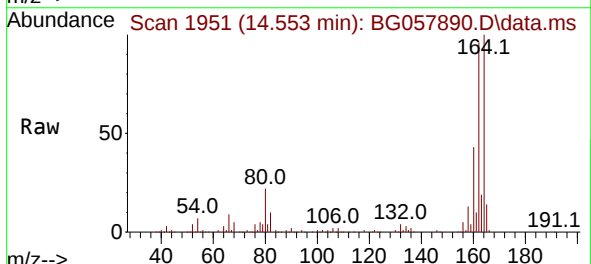
Instrument :
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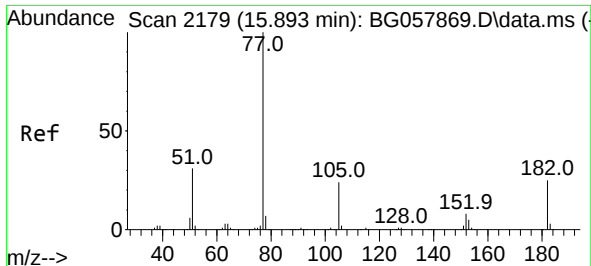
Tgt Ion:165 Resp: 23139
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.3 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.534 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.365 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion:165 Resp: 23139
Ion Ratio Lower Upper
165 100
63 0.0 37.6 56.4#
89 1.3 61.0 91.4#
182 0.0 1.9 2.9#

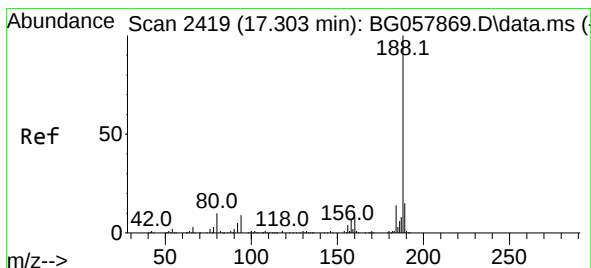
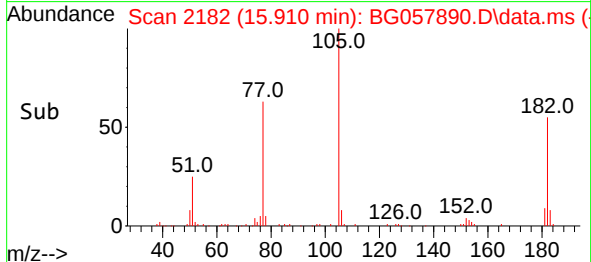
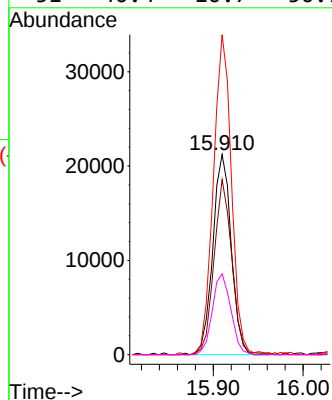
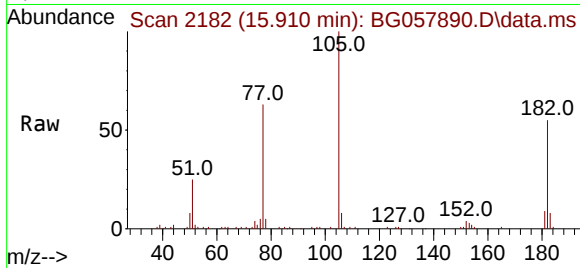




#63
 Azobenzene
 Concen: 2.172 ng
 RT: 15.910 min Scan# 2179
 Delta R.T. 0.017 min
 Lab File: BG057890.D
 Acq: 28 Jun 2023 13:08

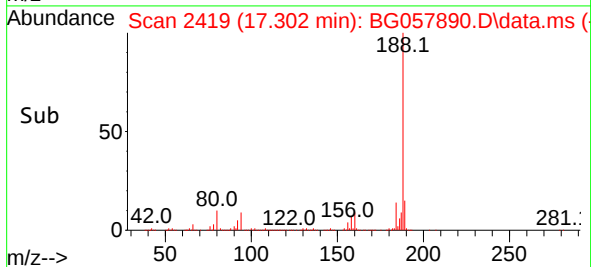
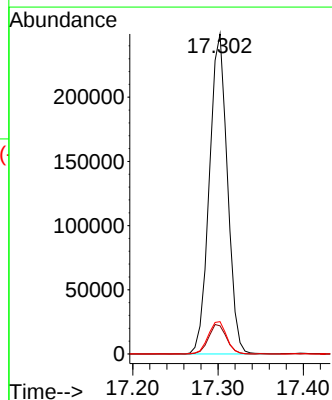
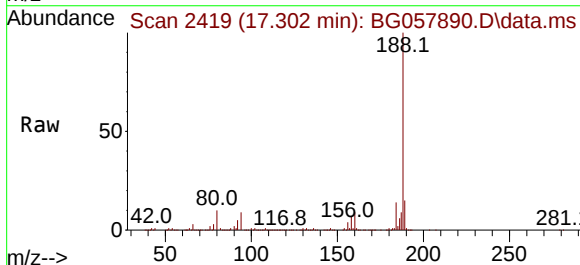
Instrument :
 BNA_G
 ClientSampleId :
 CF-29

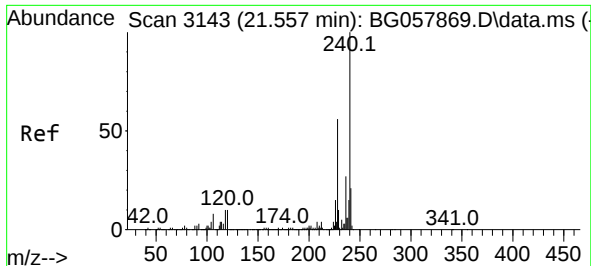
Tgt Ion: 77 Resp: 30381
 Ion Ratio Lower Upper
 77 100
 182 87.5 5.1 45.1#
 105 159.9 3.9 43.9#
 51 40.4 10.7 50.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.302 min Scan# 2419
 Delta R.T. -0.001 min
 Lab File: BG057890.D
 Acq: 28 Jun 2023 13:08

Tgt Ion:188 Resp: 366994
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 10.1 8.4 12.6

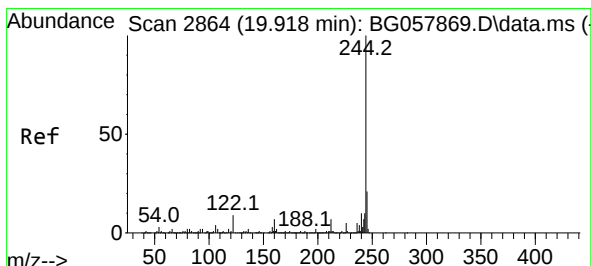
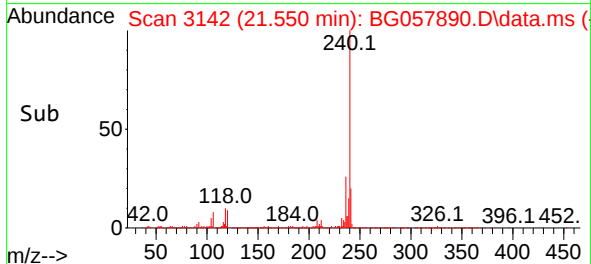
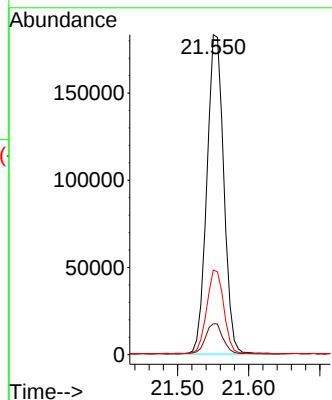
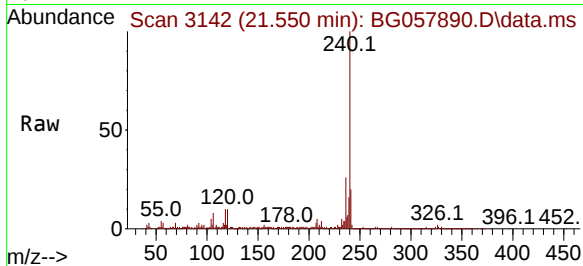




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

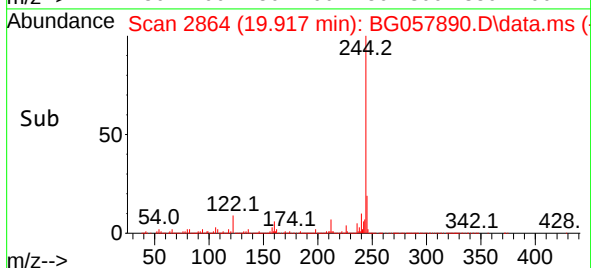
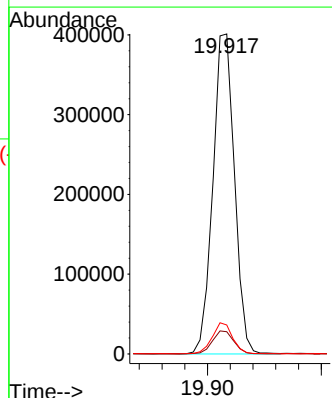
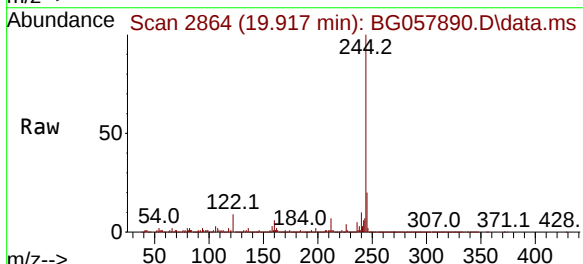
Instrument :
BNA_G
ClientSampleId :
CF-29

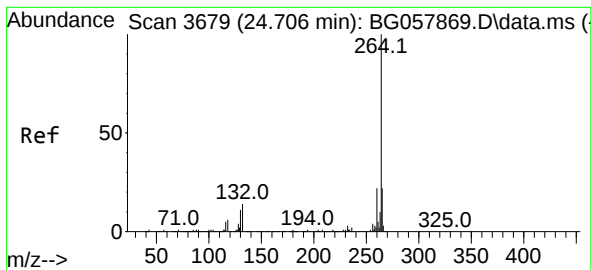
Tgt Ion:240 Resp: 302951
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.4 21.9 32.9



#79
Terphenyl-d14
Concen: 31.866 ng
RT: 19.917 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Tgt Ion:244 Resp: 529539
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.1 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.711 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG057890.D
Acq: 28 Jun 2023 13:08

Instrument :
BNA_G
ClientSampleId :
CF-29

Tgt Ion:264 Resp: 373029

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.8
265	22.4	17.3	25.9

