

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057518.D
 Acq On : 23 May 2023 13:54
 Operator : CG/JU
 Sample : 02867-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16

Quant Time: May 23 14:40:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

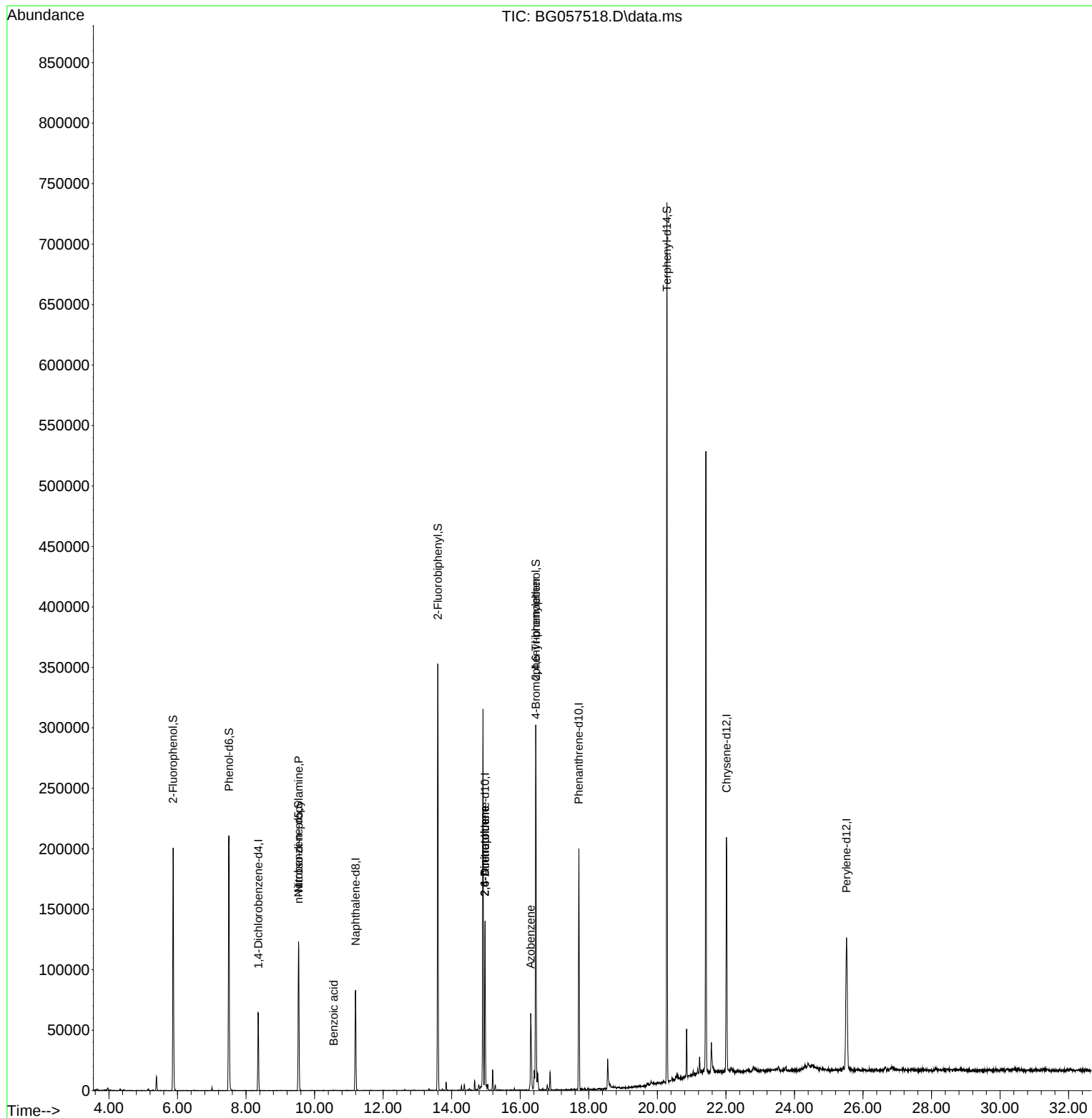
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	19516	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	72834	20.000	ng	0.00
39) Acenaphthene-d10	14.973	164	51306	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	131516	20.000	ng	0.00
76) Chrysene-d12	22.016	240	129934	20.000	ng	0.00
86) Perylene-d12	25.517	264	138812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	91385	80.100	ng	0.00
7) Phenol-d6	7.501	99	132999	76.768	ng	0.00
23) Nitrobenzene-d5	9.533	82	83229	47.961	ng	0.00
42) 2,4,6-Tribromophenol	16.453	330	65851	90.457	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	196097	51.476	ng	0.00
79) Terphenyl-d14	20.277	244	379684	47.687	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.539	70	11278	8.537	ng	# 78
32) Benzoic acid	10.561	122	54	4.789	ng	# 1
51) 2,6-Dinitrotoluene	14.967	165	6498	7.549	ng	# 17
57) 2,4-Dinitrotoluene	14.967	165	6498	5.282	ng	# 20
63) Azobenzene	16.306	77	19611	4.747	ng	# 1
67) 4-Bromophenyl-phenylether	16.459	248	4368	2.721	ng	# 1

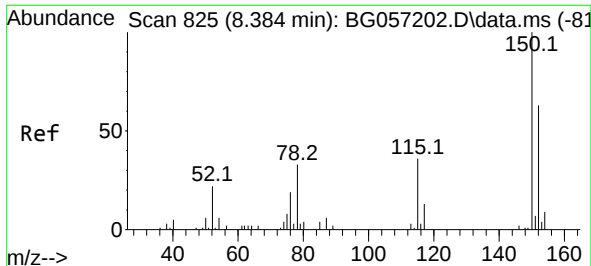
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057518.D
Acq On : 23 May 2023 13:54
Operator : CG/JU
Sample : 02867-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP16

Quant Time: May 23 14:40:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

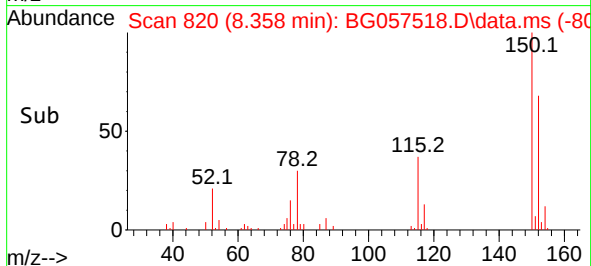
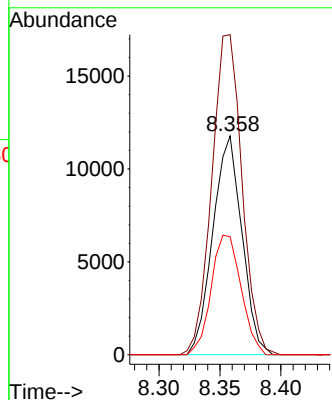
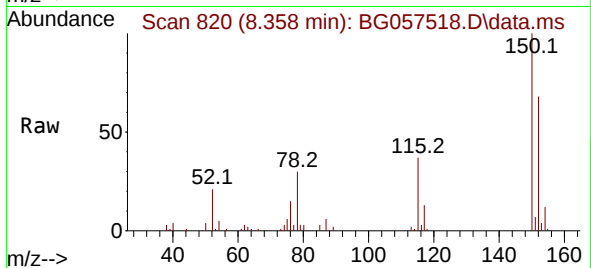




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

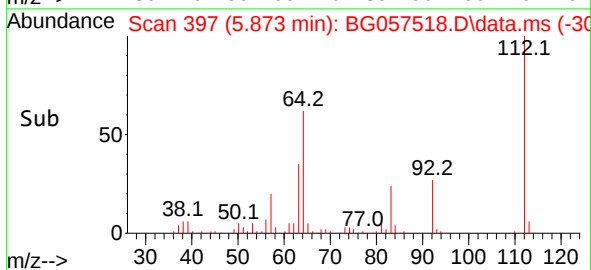
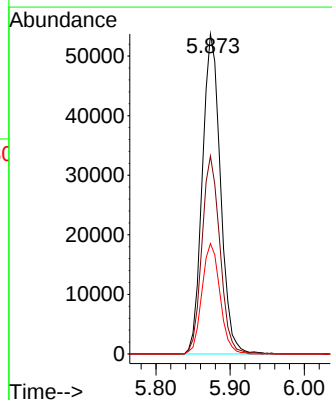
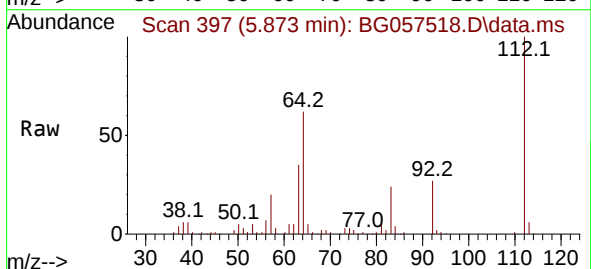
Instrument :
BNA_G
ClientSampleId :
TP16

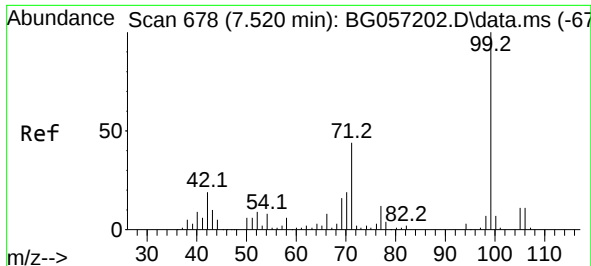
Tgt Ion:152 Resp: 19516
Ion Ratio Lower Upper
152 100
150 146.3 126.2 189.4
115 53.9 45.0 67.4



#5
2-Fluorophenol
Concen: 80.100 ng
RT: 5.873 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion:112 Resp: 91385
Ion Ratio Lower Upper
112 100
64 61.9 49.4 74.2
63 34.5 31.6 47.4

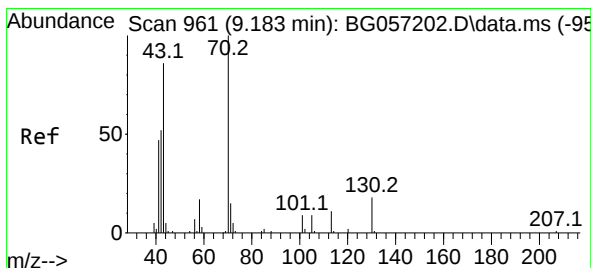
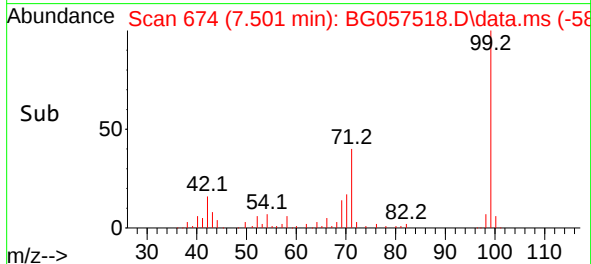
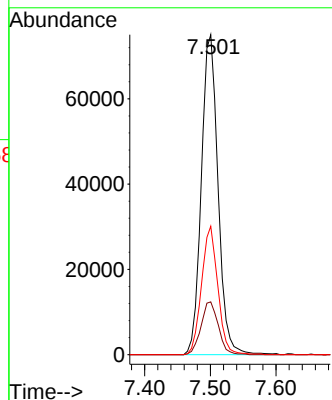
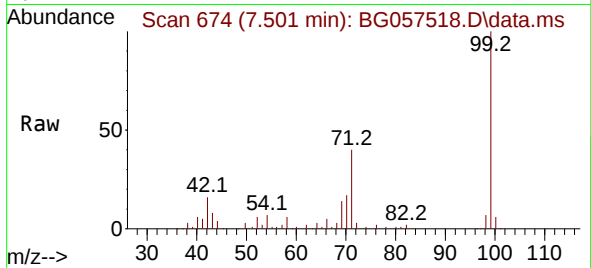




#7
Phenol-d6
Concen: 76.768 ng
RT: 7.501 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

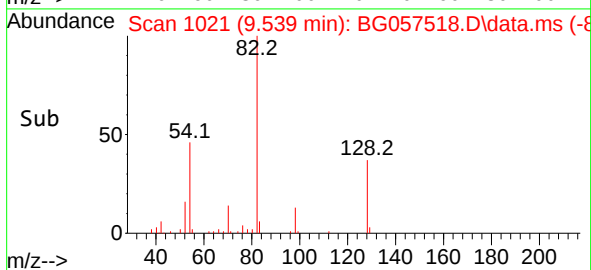
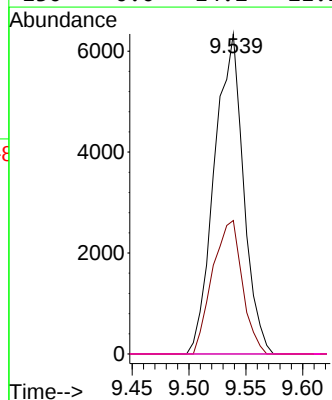
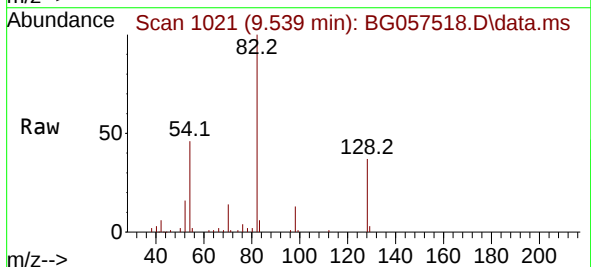
Instrument :
BNA_G
ClientSampleId :
TP16

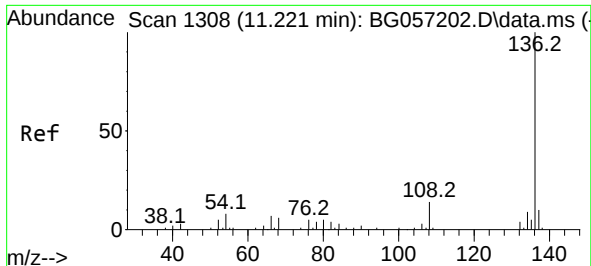
Tgt Ion: 99 Resp: 132999
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 40.2 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.537 ng
RT: 9.539 min Scan# 1021
Delta R.T. 0.378 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion: 70 Resp: 11278
Ion Ratio Lower Upper
70 100
42 41.7 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#

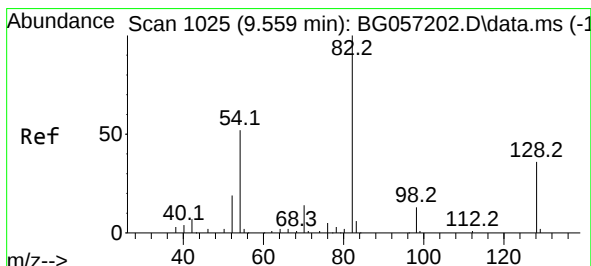
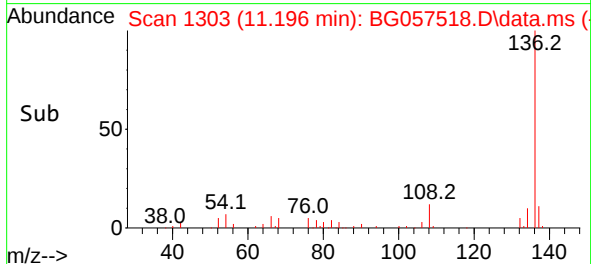
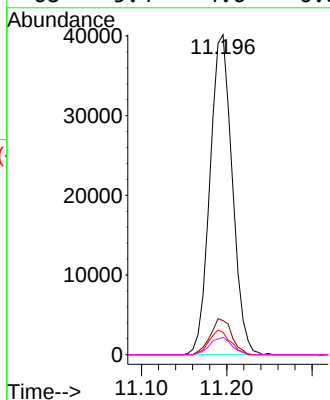
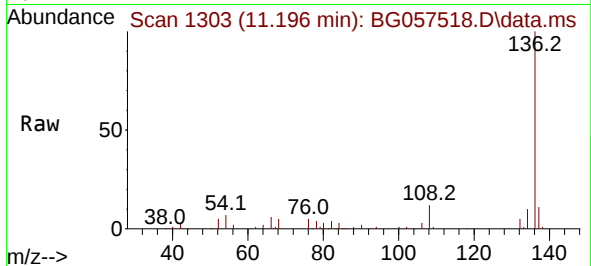




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

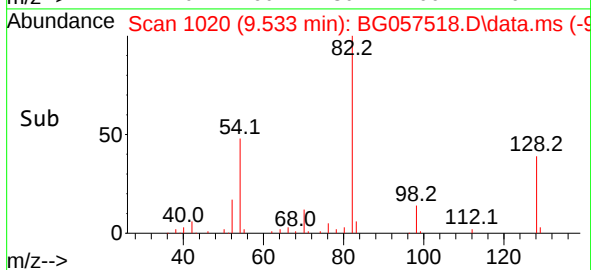
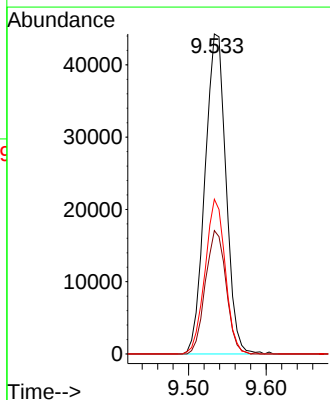
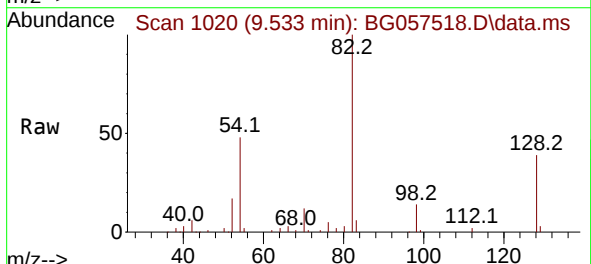
Instrument :
BNA_G
ClientSampleId :
TP16

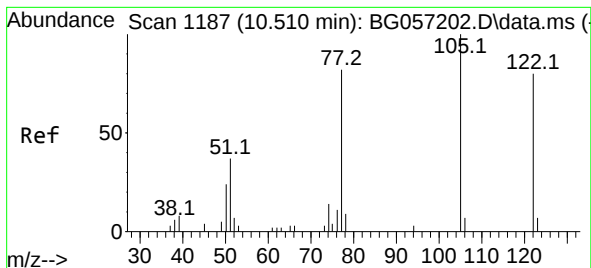
Tgt Ion:136	Resp:	72834
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.3 12.5
54	7.0	6.7 10.1
68	5.4	4.6 6.8



#23
Nitrobenzene-d5
Concen: 47.961 ng
RT: 9.533 min Scan# 1020
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion: 82	Resp:	83229
Ion Ratio	Lower	Upper
82	100	
128	38.6	29.0 43.4
54	48.3	41.4 62.0





#32

Benzoic acid

Concen: 4.789 ng

RT: 10.561 min Scan# 1187

Delta R.T. 0.073 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

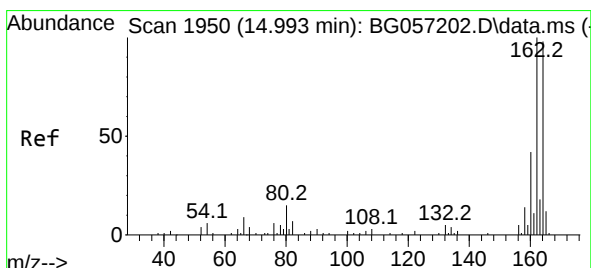
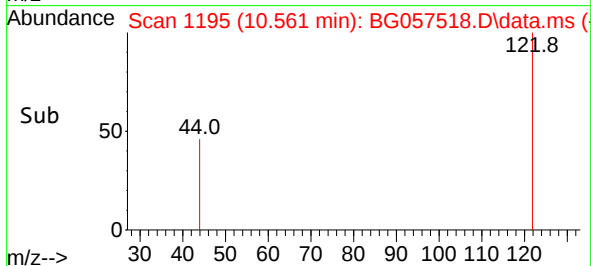
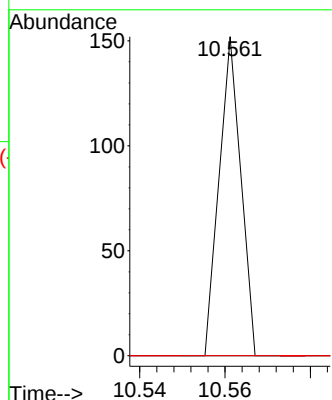
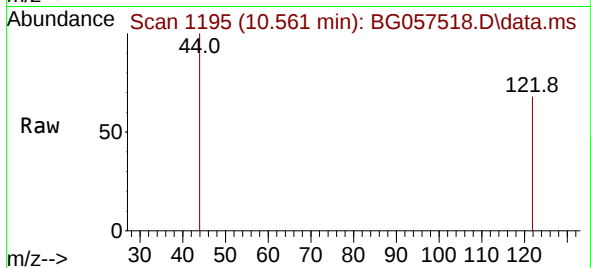
Instrument :

BNA_G

ClientSampleId :

TP16

Tgt Ion:122	Resp:	54
Ion	Ratio	Lower Upper
122	100	
105	0.0	105.2 145.2#
77	0.0	83.1 123.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

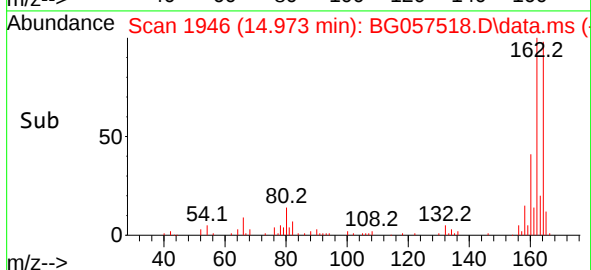
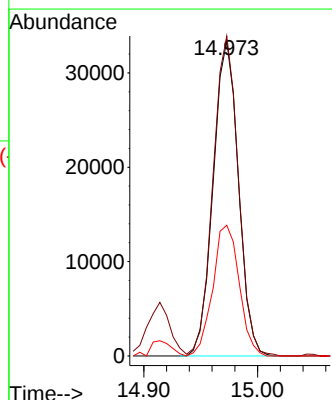
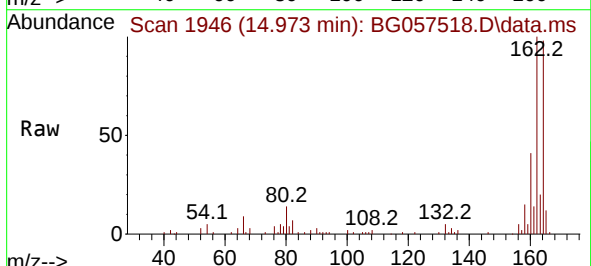
RT: 14.973 min Scan# 1946

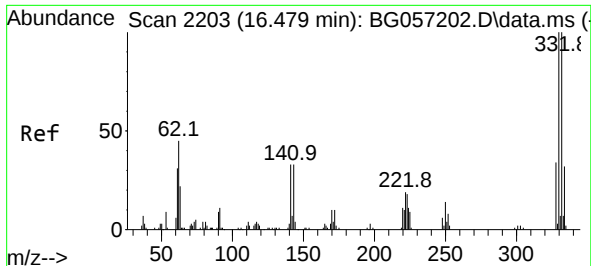
Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Tgt Ion:164	Resp:	51306
Ion	Ratio	Lower Upper
164	100	
162	101.5	81.8 122.6
160	41.5	34.6 52.0

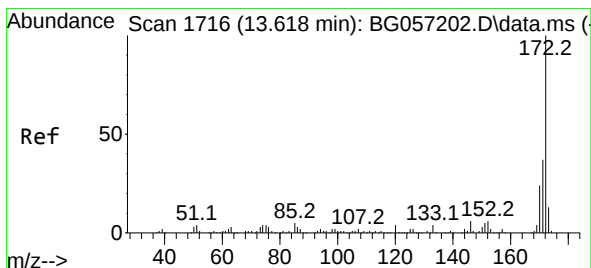
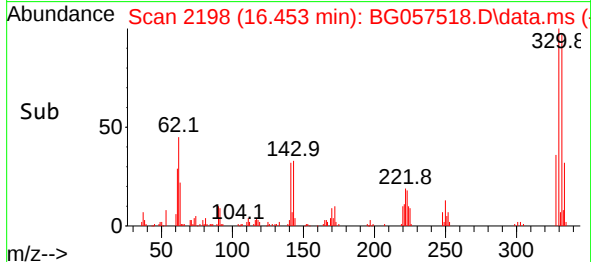
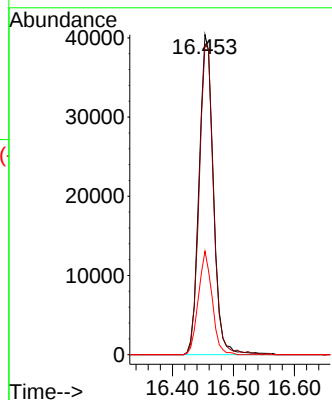
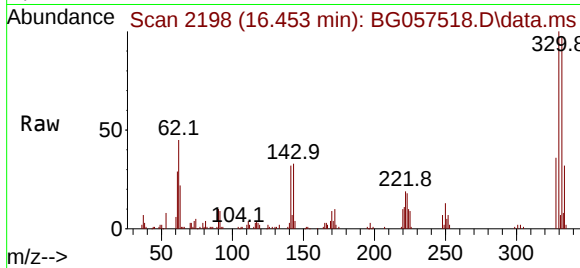




#42
2,4,6-Tribromophenol
Concen: 90.457 ng
RT: 16.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

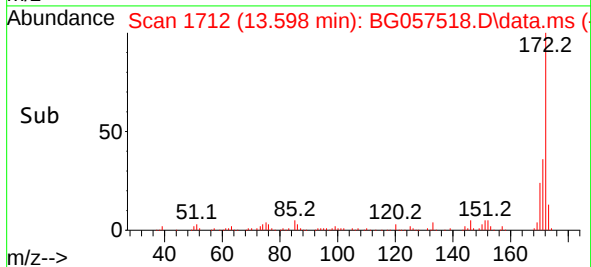
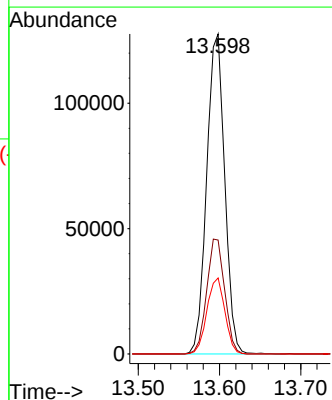
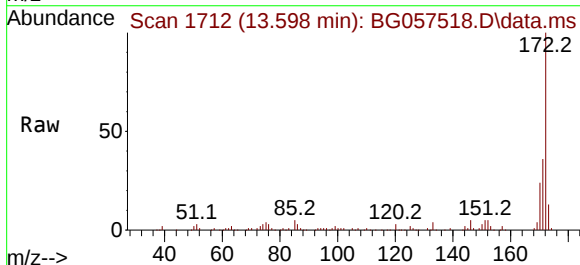
Instrument :
BNA_G
ClientSampleId :
TP16

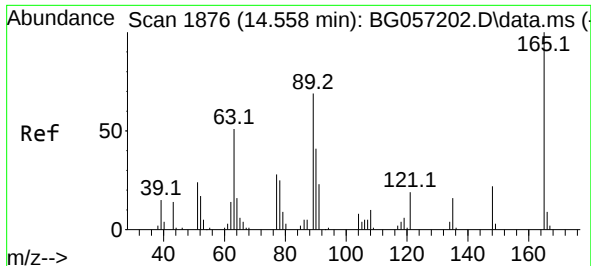
Tgt Ion:330 Resp: 65851
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 31.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 51.476 ng
RT: 13.598 min Scan# 1712
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion:172 Resp: 196097
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.549 ng

RT: 14.967 min Scan# 1945

Delta R.T. 0.425 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP16

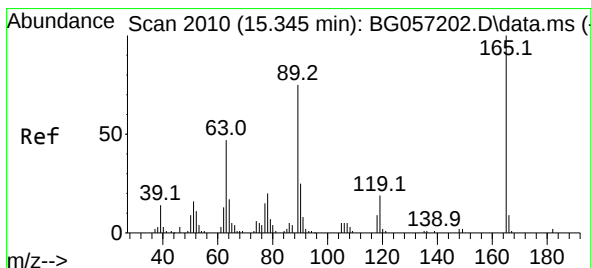
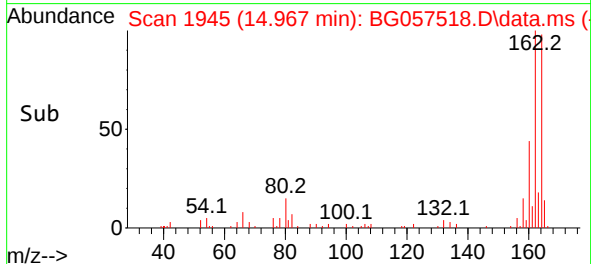
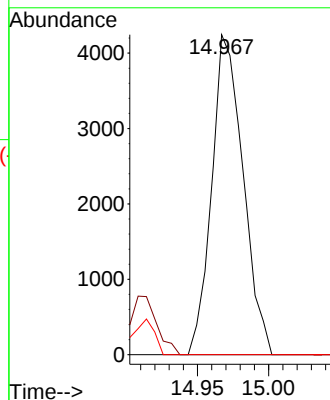
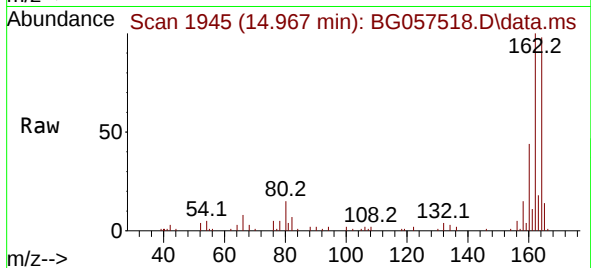
Tgt Ion:165 Resp: 6498

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

89 0.0 55.2 82.8#



#57

2,4-Dinitrotoluene

Concen: 5.282 ng

RT: 14.967 min Scan# 1945

Delta R.T. -0.362 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Tgt Ion:165 Resp: 6498

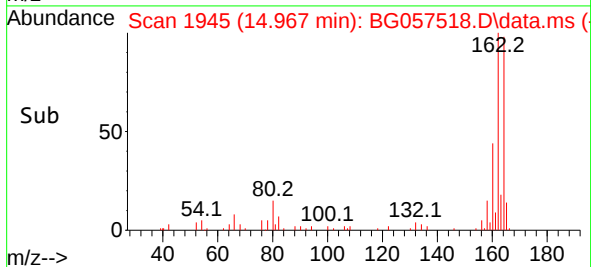
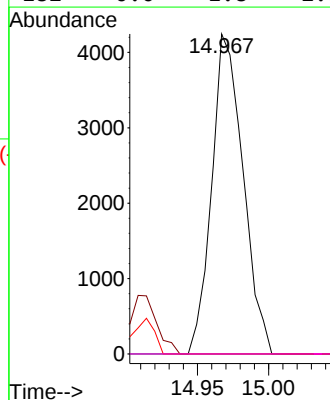
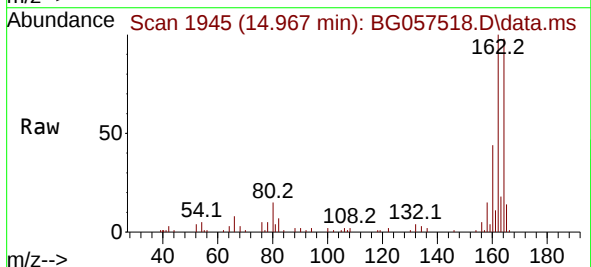
Ion Ratio Lower Upper

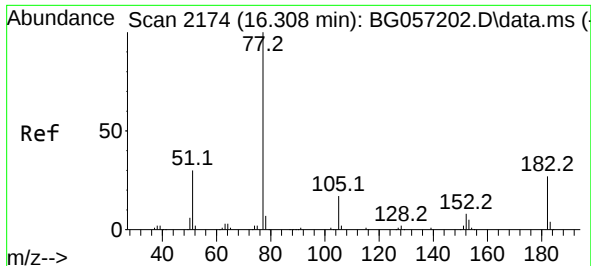
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

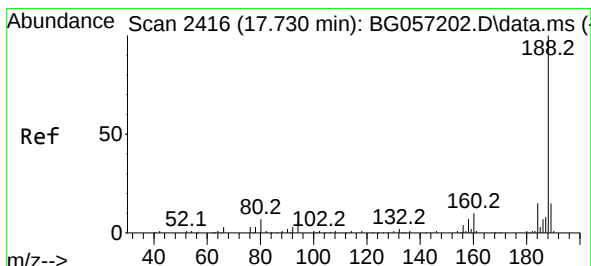
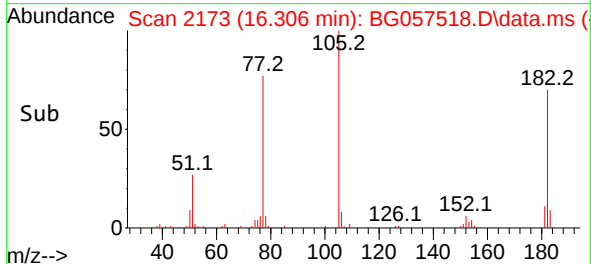
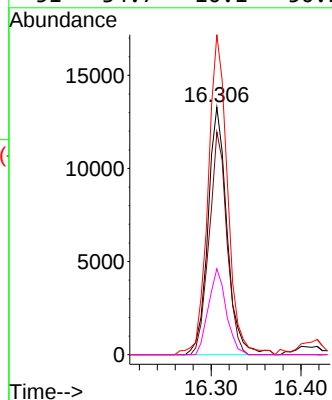
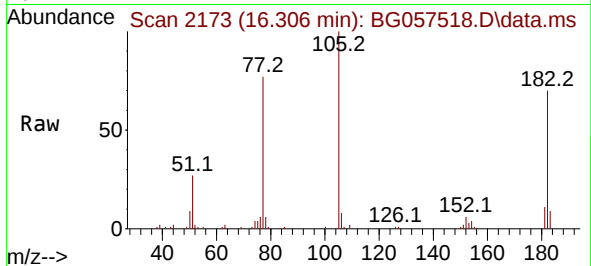




#63
 Azobenzene
 Concen: 4.747 ng
 RT: 16.306 min Scan# 2173
 Delta R.T. 0.020 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

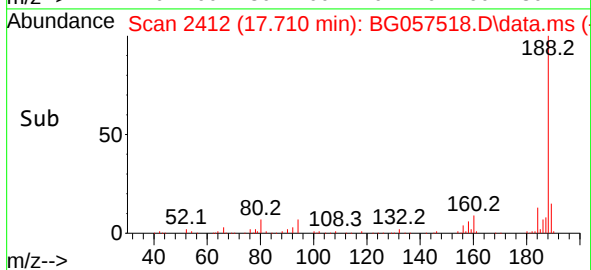
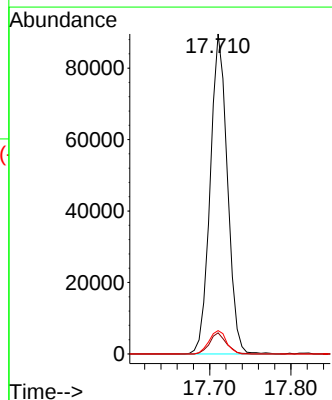
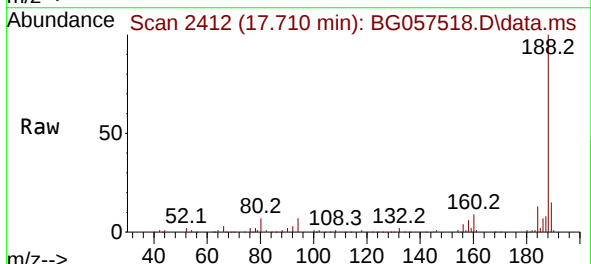
Instrument :
 BNA_G
 ClientSampleId :
 TP16

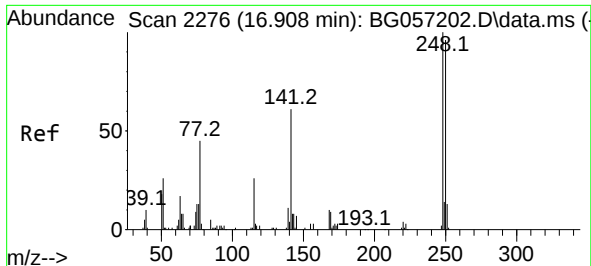
Tgt Ion: 77	Resp: 19611
Ion Ratio	Lower Upper
77 100	
182 90.0	7.4 47.4#
105 129.3	0.0 37.2#
51 34.7	10.1 50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.710 min Scan# 2412
 Delta R.T. -0.003 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

Tgt Ion: 188	Resp: 131516
Ion Ratio	Lower Upper
188 100	
94 6.6	5.1 7.7
80 7.3	5.7 8.5

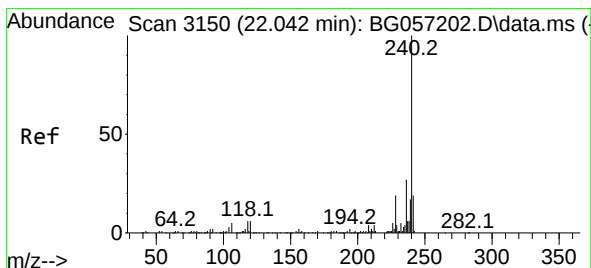
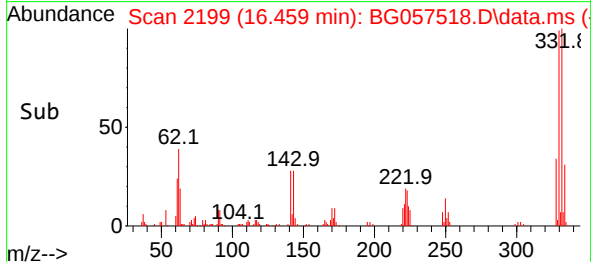
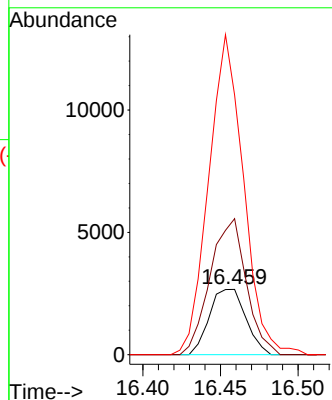
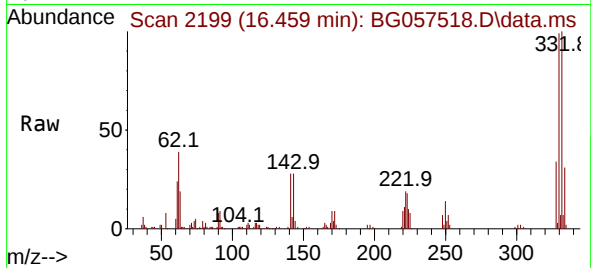




#67
4-Bromophenyl-phenylether
Concen: 2.721 ng
RT: 16.459 min Scan# 21199
Delta R.T. -0.426 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

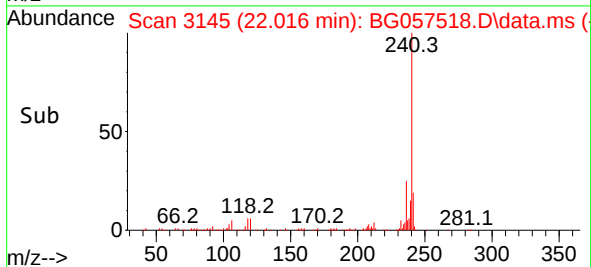
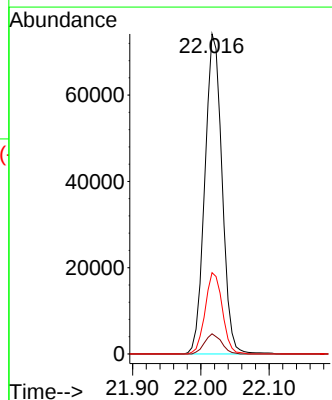
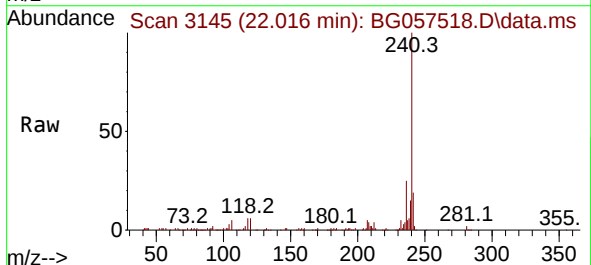
Instrument :
BNA_G
ClientSampleId :
TP16

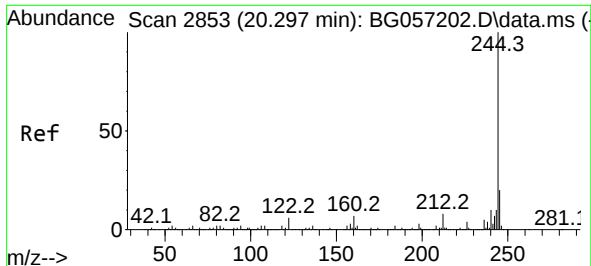
Tgt Ion:248 Resp: 4368
Ion Ratio Lower Upper
248 100
250 208.2 77.0 115.6#
141 397.6 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion:240 Resp: 129934
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 25.4 21.4 32.2

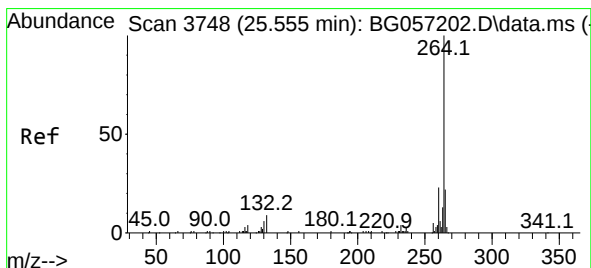
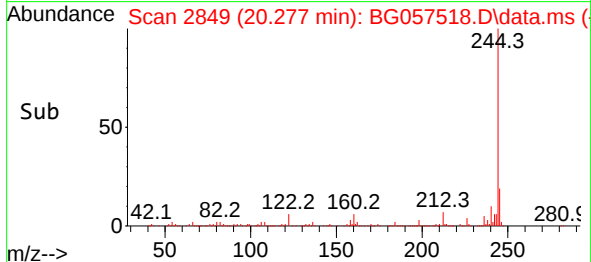
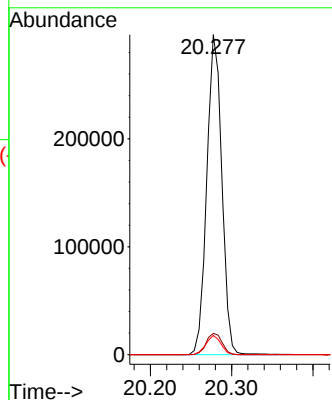
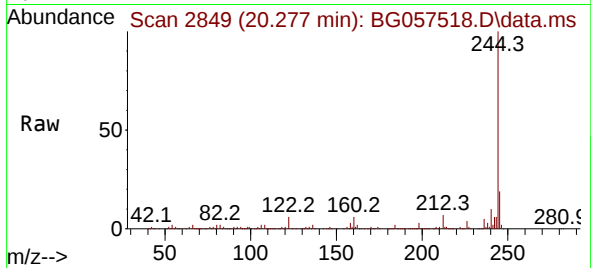




#79
 Terphenyl-d14
 Concen: 47.687 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP16

Tgt Ion:244 Resp: 379684
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.517 min Scan# 3741
 Delta R.T. 0.003 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

Tgt Ion:264 Resp: 138812
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.1 17.9 26.9

