

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060948.D
 Acq On : 18 Apr 2024 23:21
 Operator : MA/JU
 Sample : P2124-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-131-SB02

Quant Time: Apr 19 00:51:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

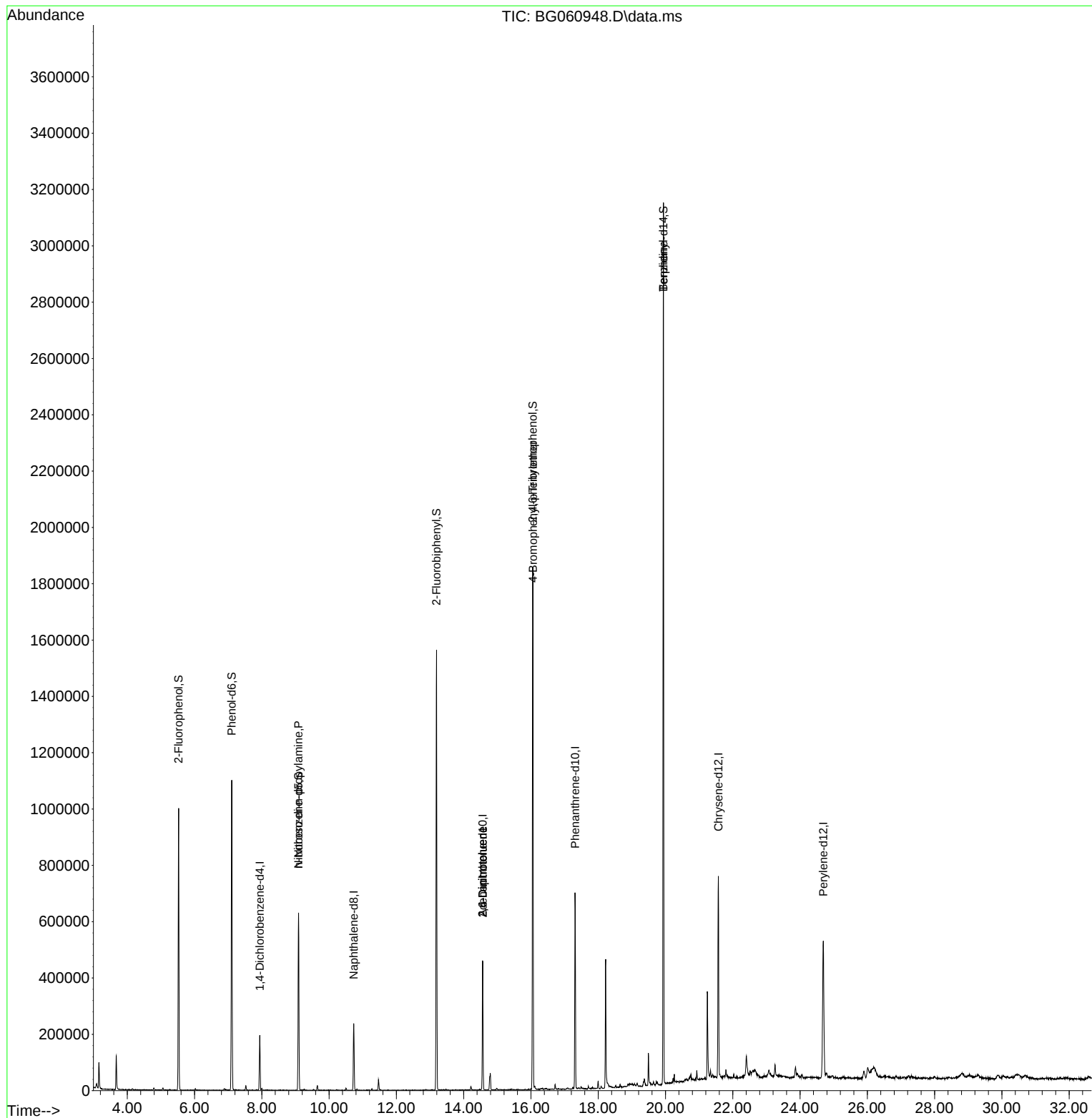
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	50826	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	192649	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	166889	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	452032	20.000	ng	0.00
76) Chrysene-d12	21.571	240	432366	20.000	ng	0.00
86) Perylene-d12	24.691	264	512251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	376003	128.499	ng	0.00
7) Phenol-d6	7.106	99	547286	129.833	ng	0.00
23) Nitrobenzene-d5	9.092	82	342703	80.758	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	380500	138.009	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	820859	72.178	ng	0.00
79) Terphenyl-d14	19.938	244	1598036	64.504	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	46299	14.420	ng	# 69
51) 2,6-Dinitrotoluene	14.568	165	21859	8.098	ng	# 19
57) 2,4-Dinitrotoluene	14.568	165	21859	5.667	ng	# 21
67) 4-Bromophenyl-phenylether	16.060	248	25569	5.049	ng	# 1
77) Benzidine	19.938	184	24032	2.520	ng	# 87

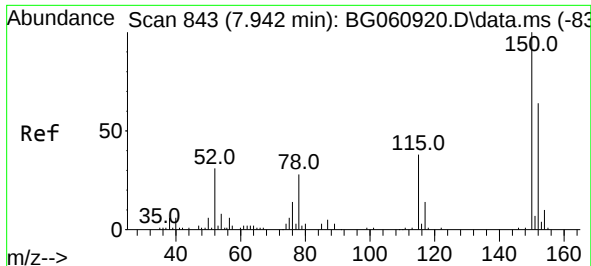
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060948.D
Acq On : 18 Apr 2024 23:21
Operator : MA/JU
Sample : P2124-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB02

Quant Time: Apr 19 00:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

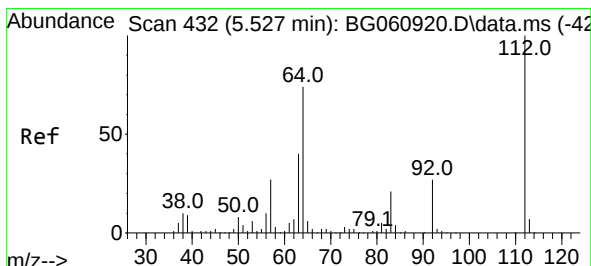
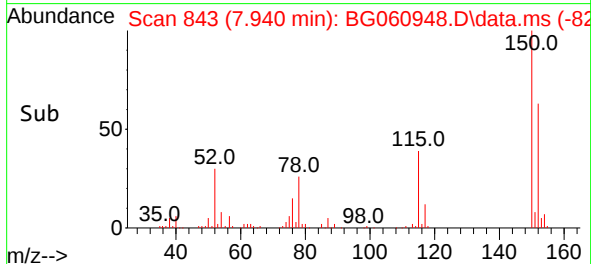
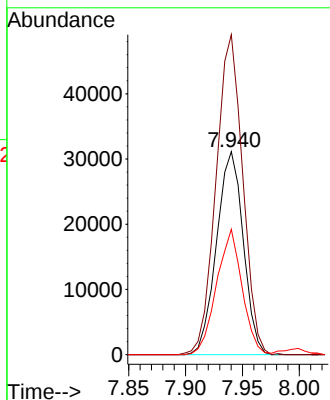
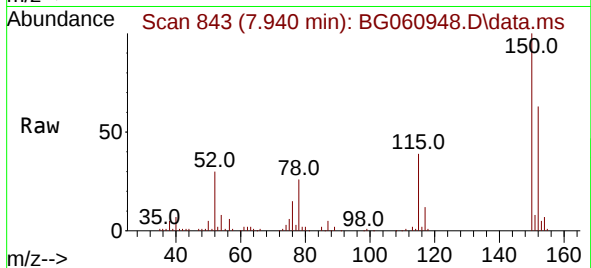




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

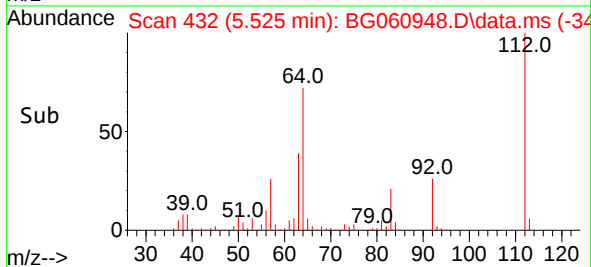
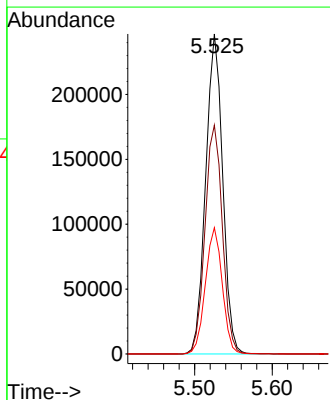
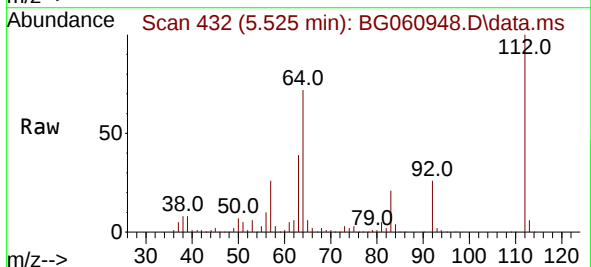
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

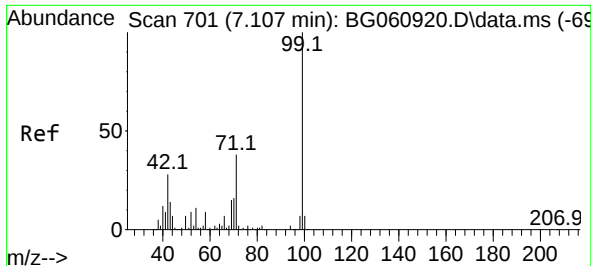
Tgt Ion:152 Resp: 50826
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 128.499 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion:112 Resp: 376003
Ion Ratio Lower Upper
112 100
64 71.5 58.9 88.3
63 39.4 32.1 48.1

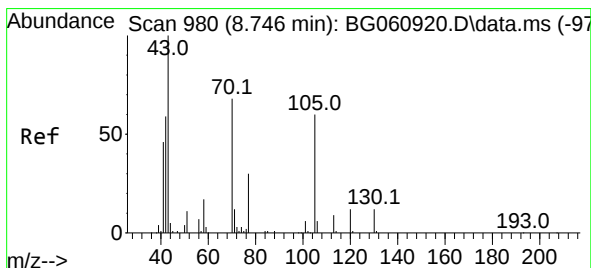
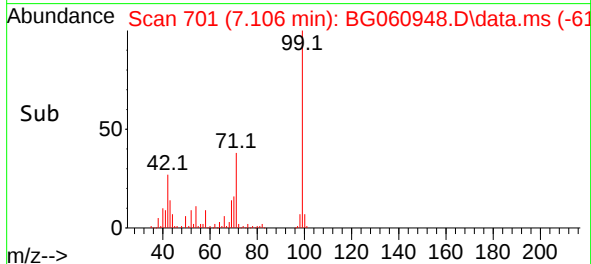
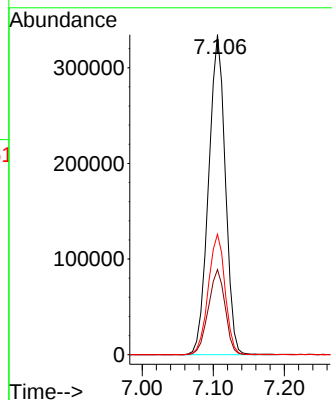
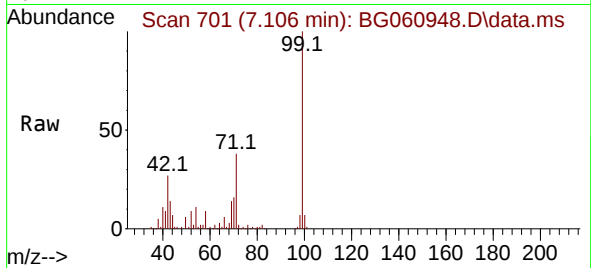




#7
Phenol-d6
Concen: 129.833 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

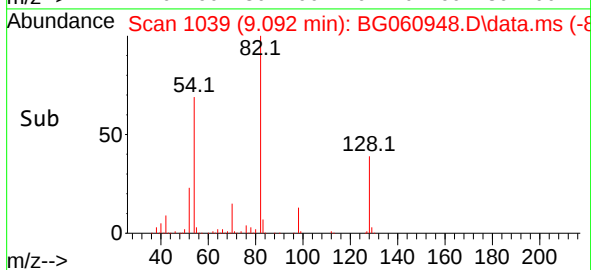
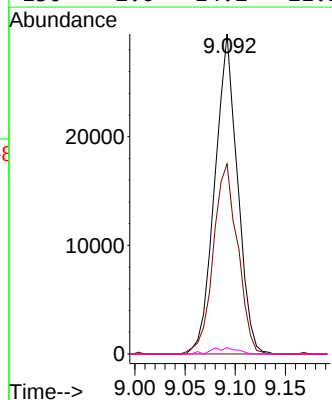
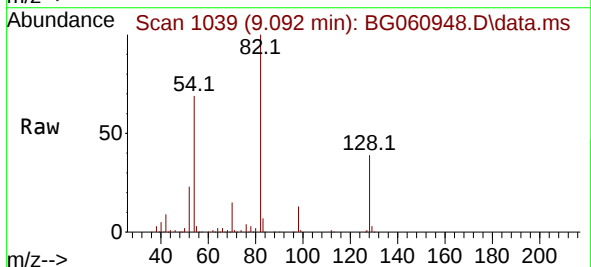
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

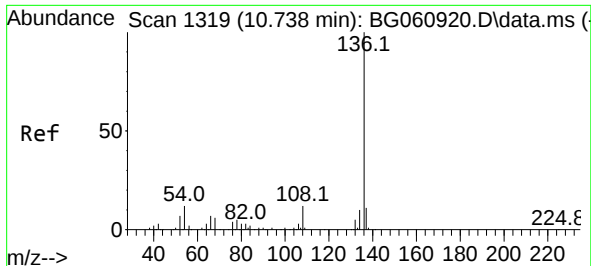
Tgt Ion: 99 Resp: 547286
Ion Ratio Lower Upper
99 100
42 26.6 22.2 33.2
71 37.7 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.420 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.345 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion: 70 Resp: 46299
Ion Ratio Lower Upper
70 100
42 59.4 70.9 106.3#
101 0.0 7.0 10.4#
130 2.0 14.2 21.2#

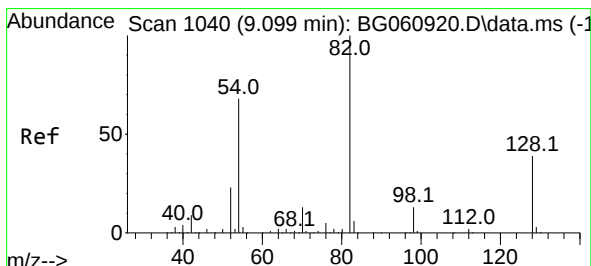
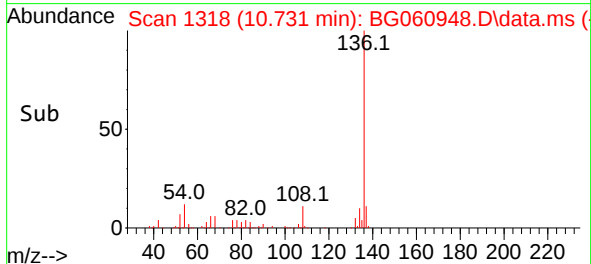
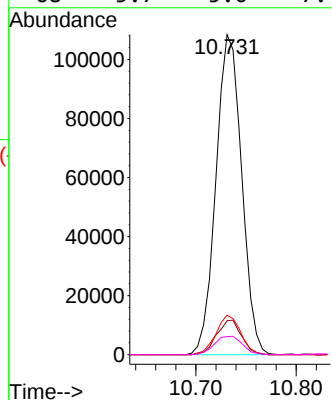
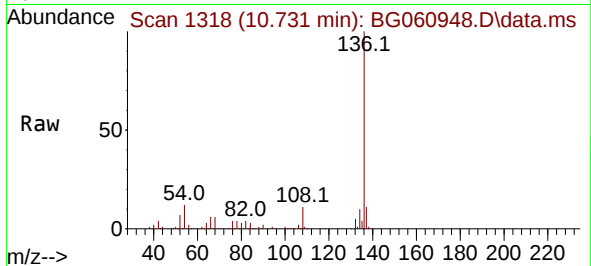




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

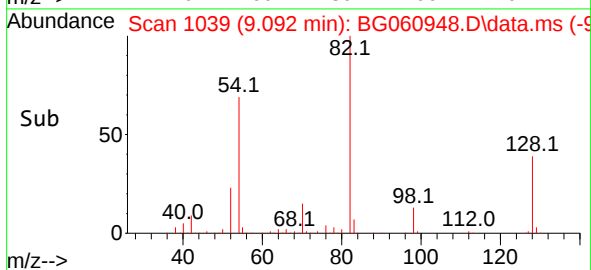
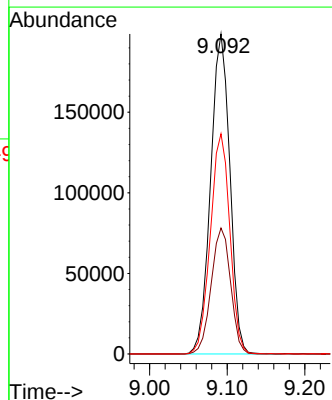
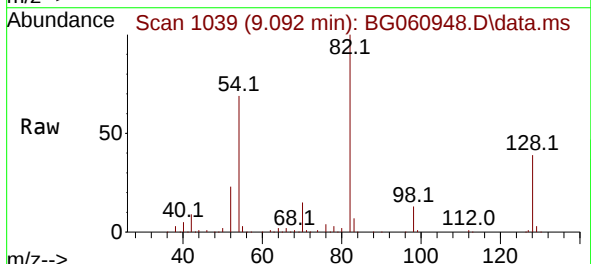
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

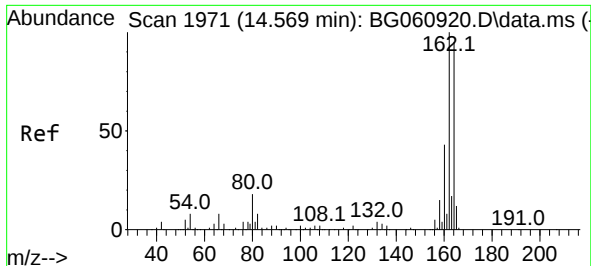
Tgt Ion:136	Resp:	192649	
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	12.4	9.8	14.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.758 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.007 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion: 82	Resp: 342703
Ion Ratio	Lower Upper
82 100	
128 39.3	31.4 47.0
54 68.8	54.2 81.4

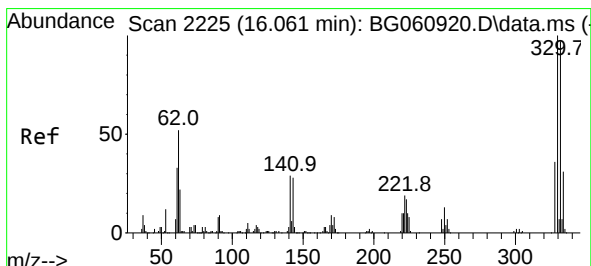
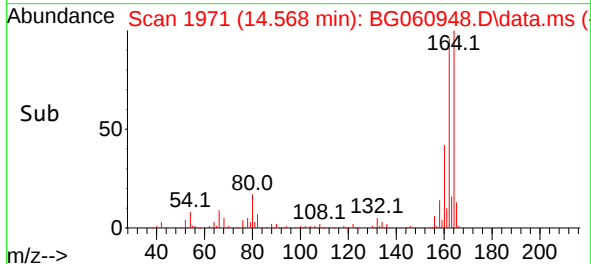
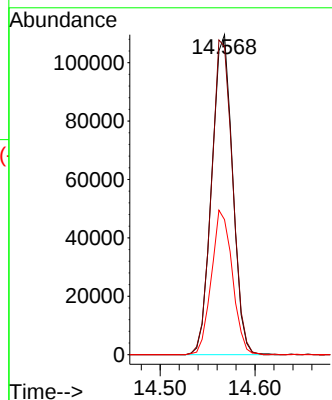
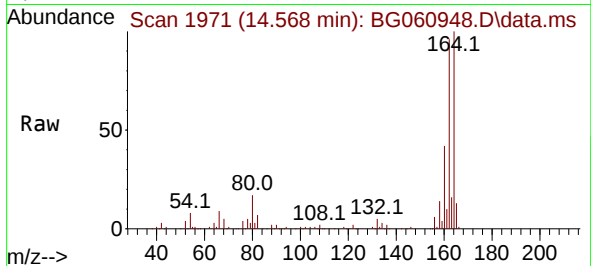




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

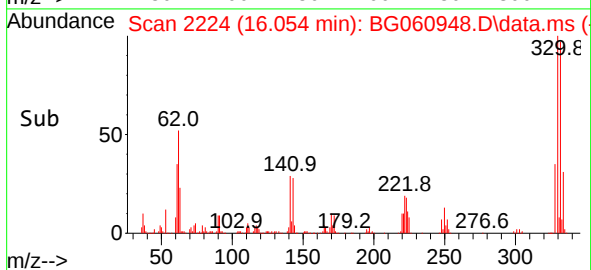
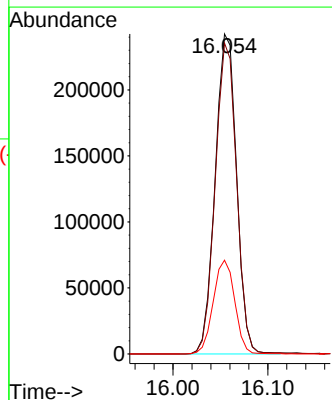
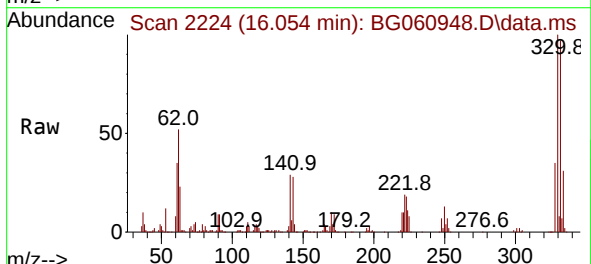
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

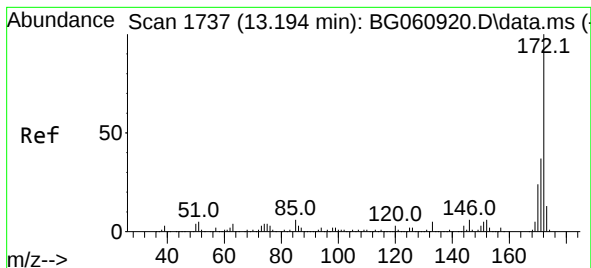
Tgt Ion:164 Resp: 166889
Ion Ratio Lower Upper
164 100
162 96.3 84.1 126.1
160 42.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 138.009 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.007 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion:330 Resp: 380500
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 29.4 23.7 35.5

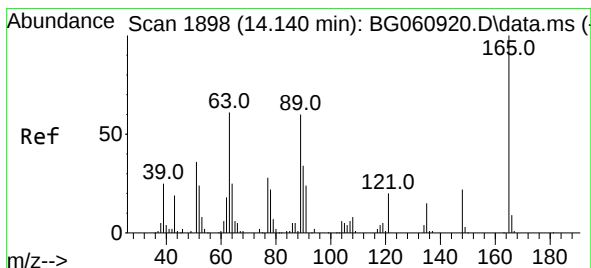
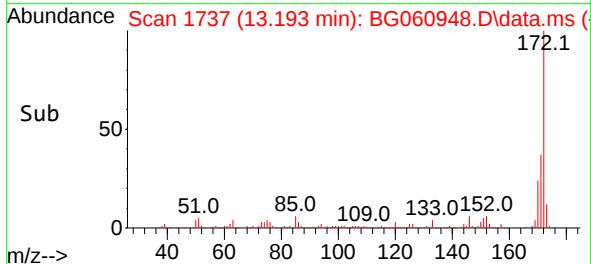
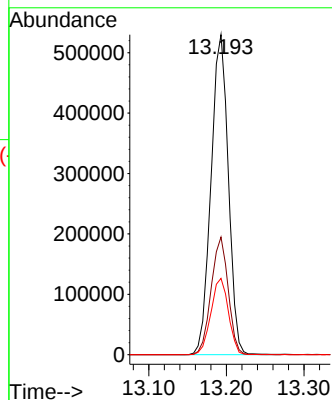
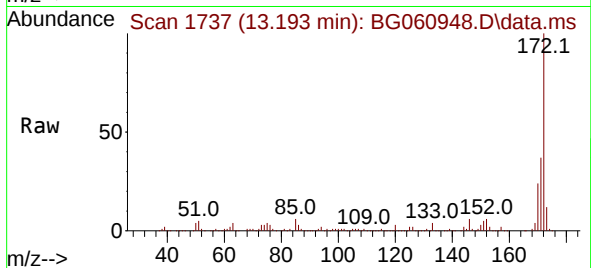




#45
2-Fluorobiphenyl
Concen: 72.178 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

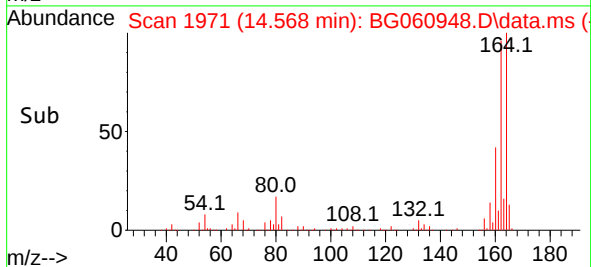
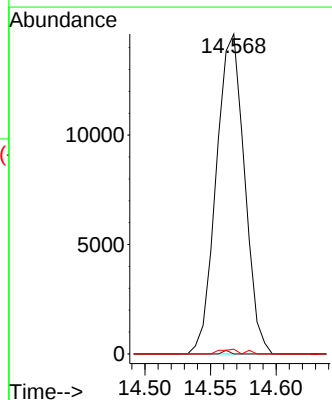
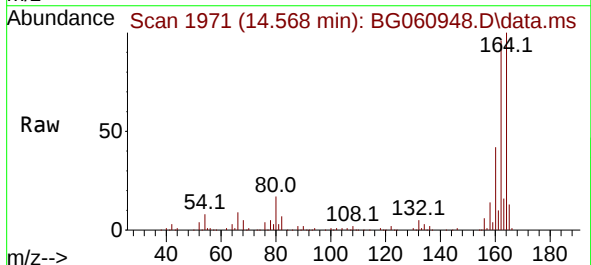
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

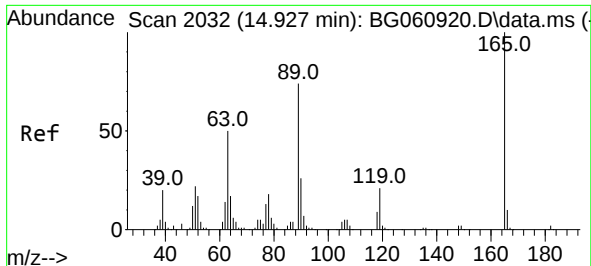
Tgt Ion:172 Resp: 820859
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 23.9 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.098 ng
RT: 14.568 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion:165 Resp: 21859
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 1.5 48.2 72.4#





#57

2,4-Dinitrotoluene

Concen: 5.667 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.360 min

Lab File: BG060948.D

Acq: 18 Apr 2024 23:21

Instrument :

BNA_G

ClientSampleId :

B-131-SB02

Tgt Ion:165 Resp: 21859

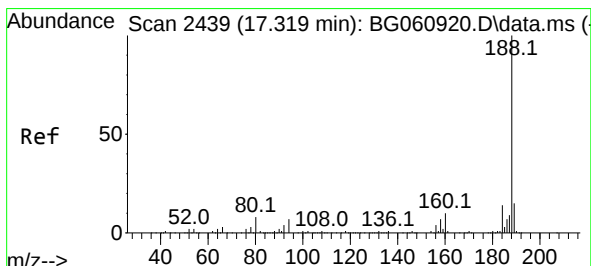
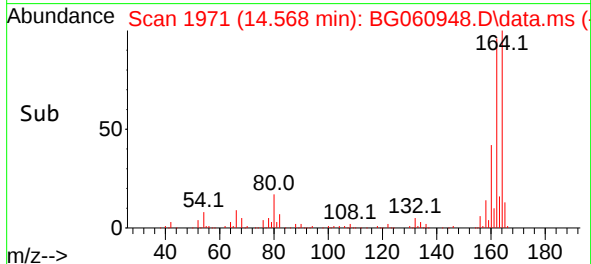
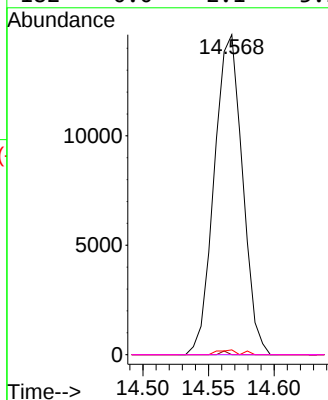
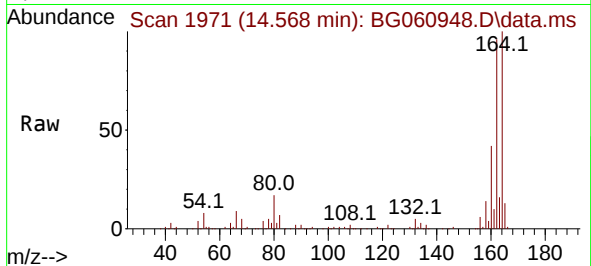
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.2#

89 1.5 59.0 88.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG060948.D

Acq: 18 Apr 2024 23:21

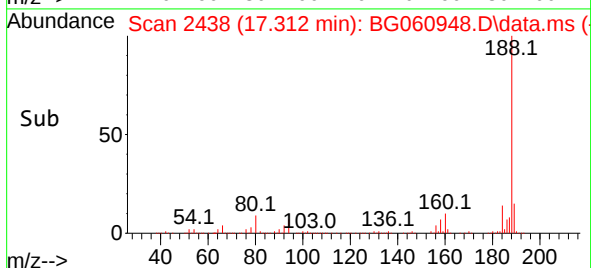
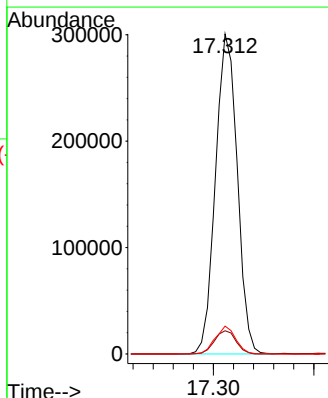
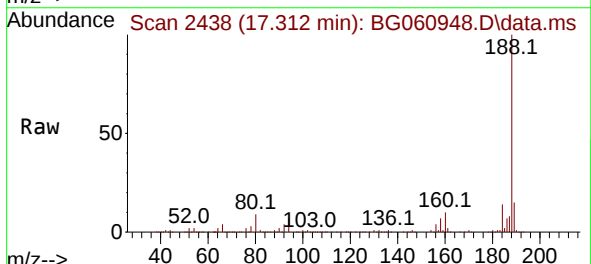
Tgt Ion:188 Resp: 452032

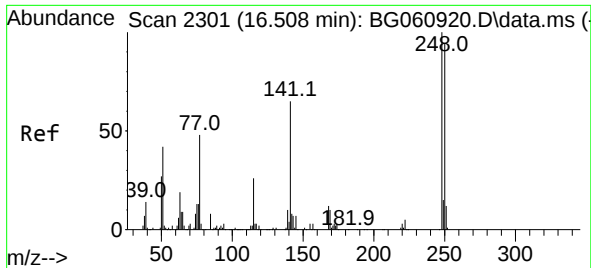
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.7 6.6 9.8

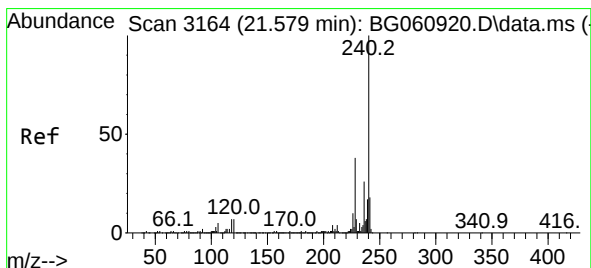
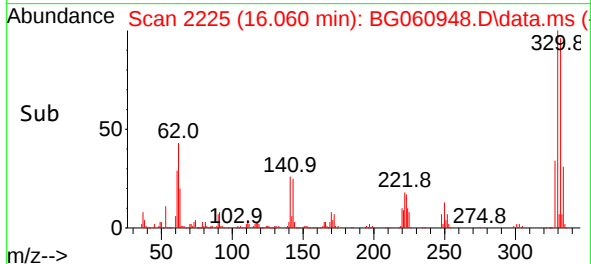
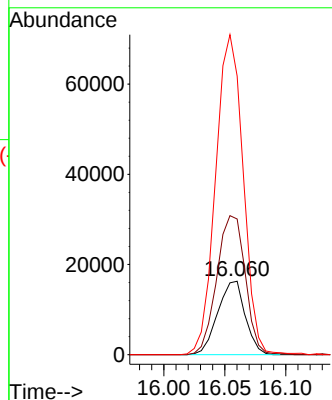
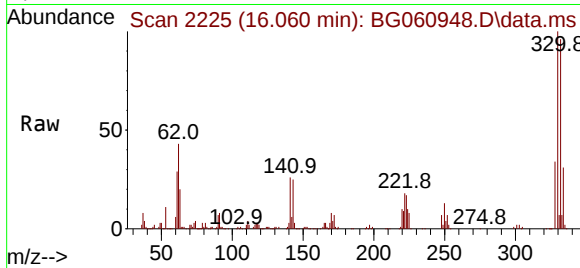




#67
4-Bromophenyl-phenylether
Concen: 5.049 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

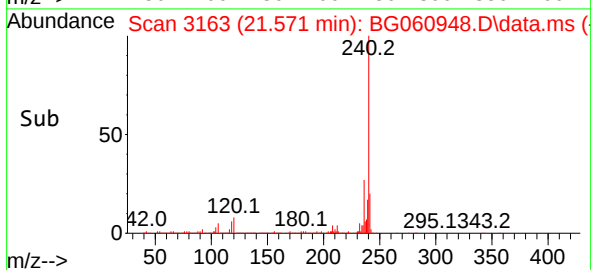
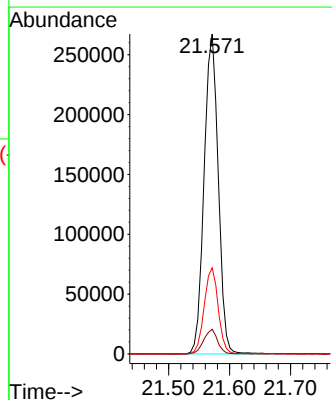
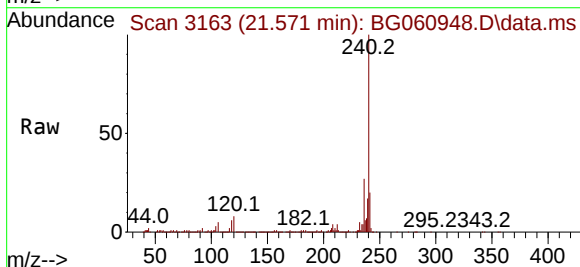
Instrument :
BNA_G
ClientSampleId :
B-131-SB02

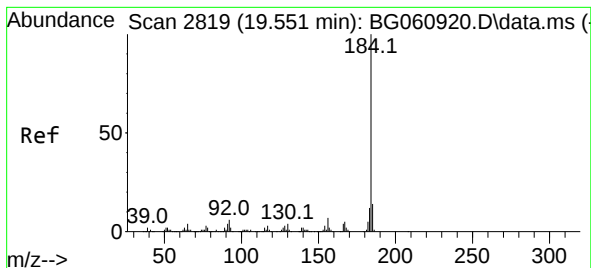
Tgt Ion:248 Resp: 25569
Ion Ratio Lower Upper
248 100
250 184.6 75.4 113.2#
141 379.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG060948.D
Acq: 18 Apr 2024 23:21

Tgt Ion:240 Resp: 432366
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 26.9 21.1 31.7





#77

Benzidine

Concen: 2.520 ng

RT: 19.938 min Scan# 2885

Delta R.T. 0.386 min

Lab File: BG060948.D

Acq: 18 Apr 2024 23:21

Instrument :

BNA_G

ClientSampleId :

B-131-SB02

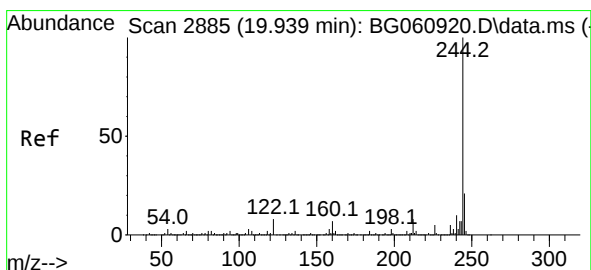
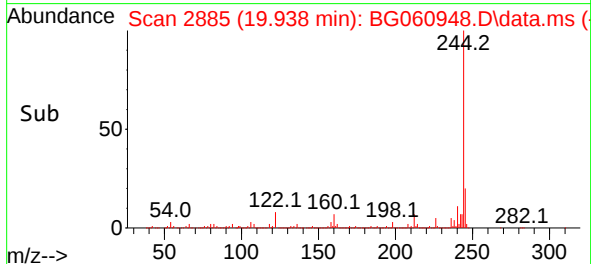
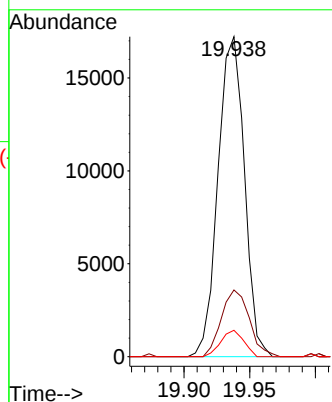
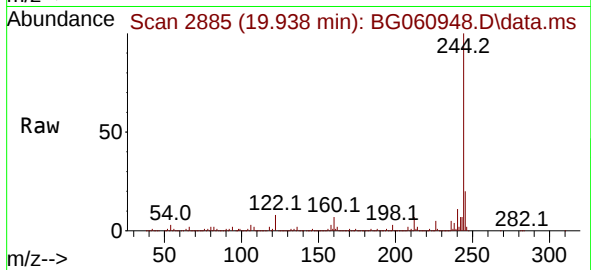
Tgt Ion:184 Resp: 24032

Ion Ratio Lower Upper

184 100

185 20.9 11.4 17.0#

183 8.3 9.4 14.2#



#79

Terphenyl-d14

Concen: 64.504 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060948.D

Acq: 18 Apr 2024 23:21

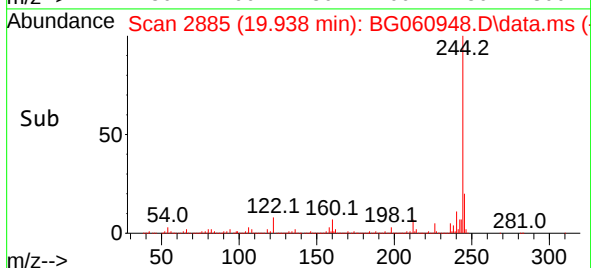
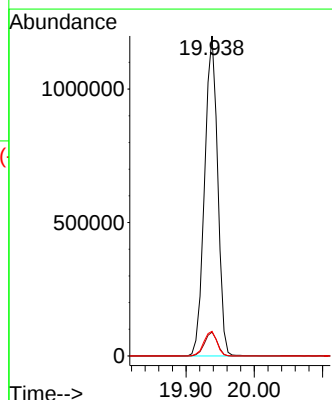
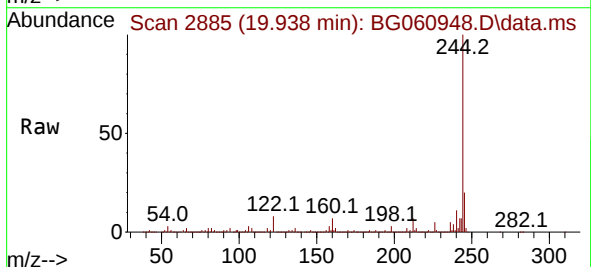
Tgt Ion:244 Resp: 1598036

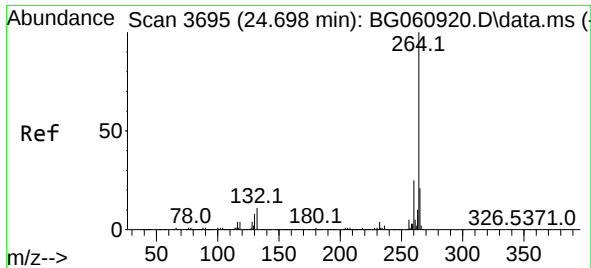
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

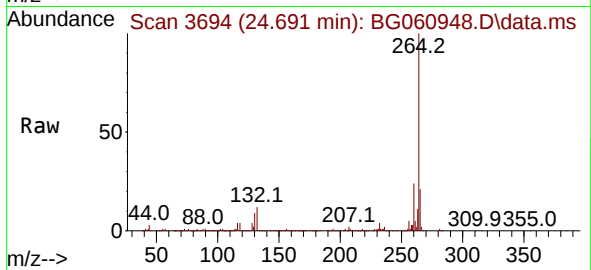
122 7.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG060948.D
 Acq: 18 Apr 2024 23:21

Instrument :
 BNA_G
 ClientSampleId :
 B-131-SB02



Tgt Ion:264 Resp: 512251
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.4 16.6 25.0

