

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060945.D
 Acq On : 18 Apr 2024 21:19
 Operator : MA/JU
 Sample : P2166-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01

Quant Time: Apr 19 00:48:59 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)

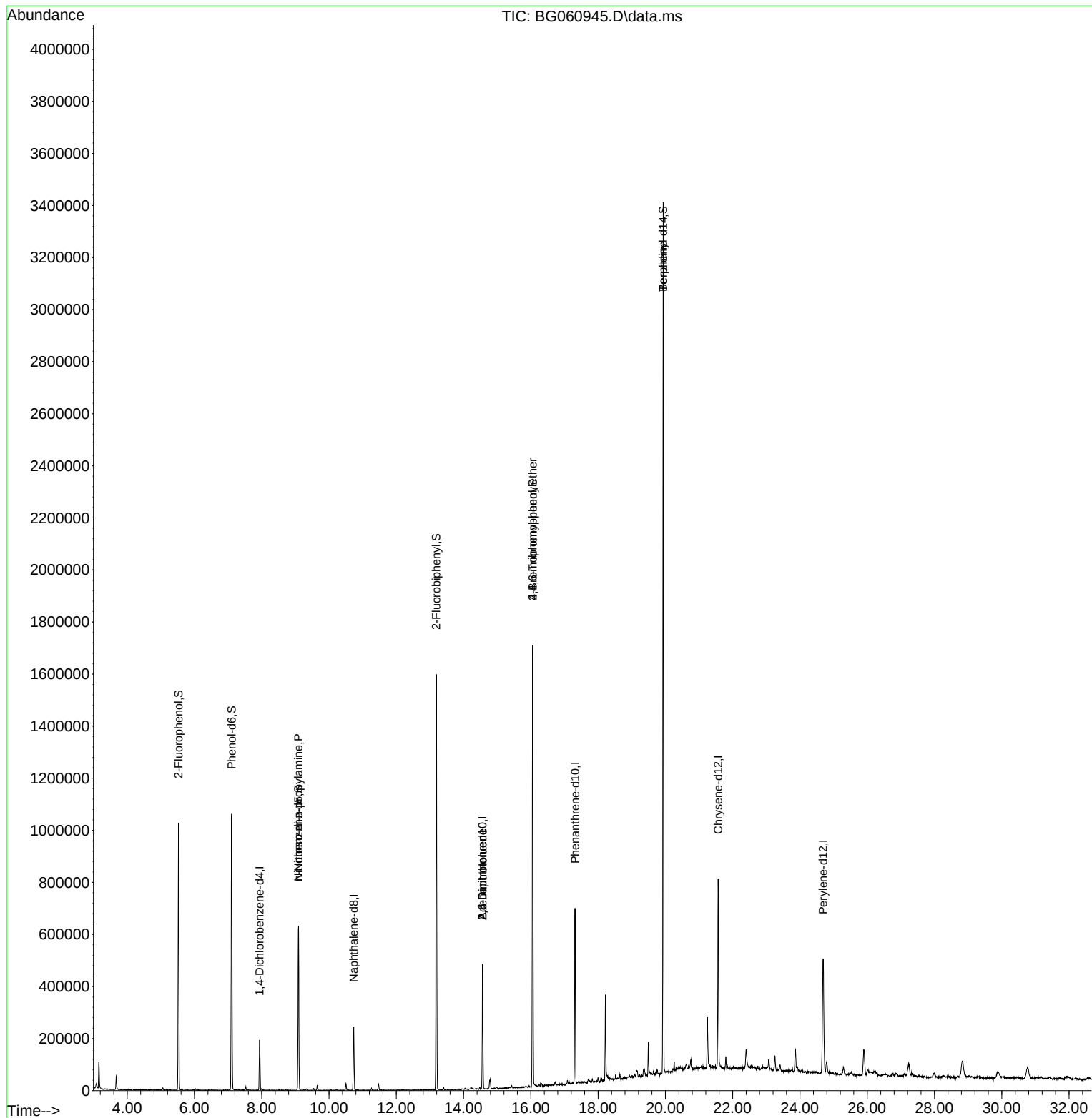
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	50772	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	194287	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	163829	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	428742	20.000	ng	0.00
76) Chrysene-d12	21.568	240	416446	20.000	ng	-0.01
86) Perylene-d12	24.688	264	490398	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	382171	130.746	ng	0.00
7) Phenol-d6	7.109	99	541311	128.552	ng	0.00
23) Nitrobenzene-d5	9.094	82	342064	79.928	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	352943	130.405	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	834852	74.780	ng	0.00
79) Terphenyl-d14	19.935	244	1706055	71.497	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	47584	14.836	ng	# 68
51) 2,6-Dinitrotoluene	14.565	165	20668	7.800	ng	# 20
57) 2,4-Dinitrotoluene	14.565	165	20668	5.459	ng	# 22
67) 4-Bromophenyl-phenylether	16.057	248	23033	4.796	ng	# 1
77) Benzidine	19.935	184	27216	2.963	ng	# 95

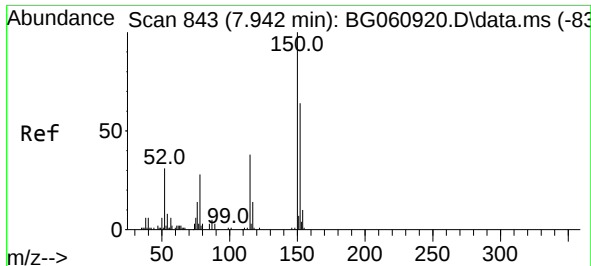
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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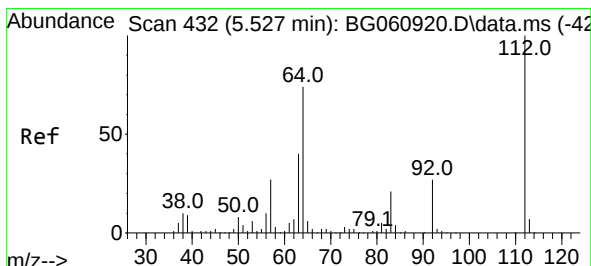
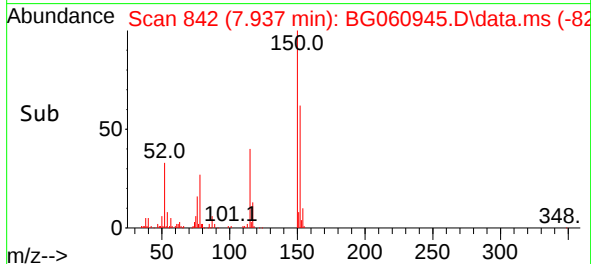
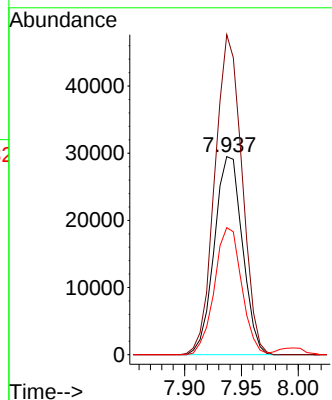
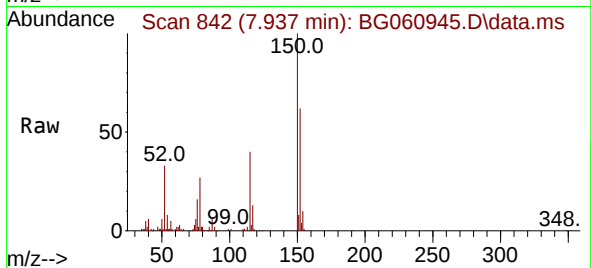




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

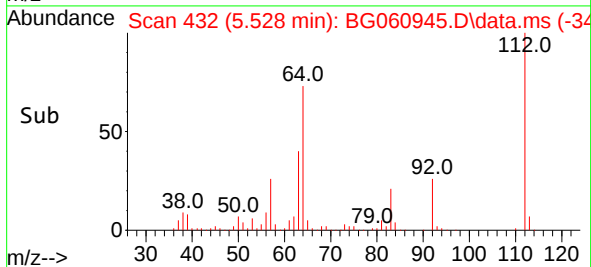
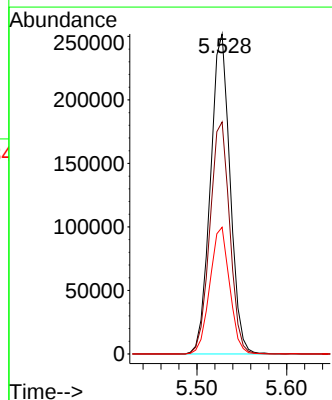
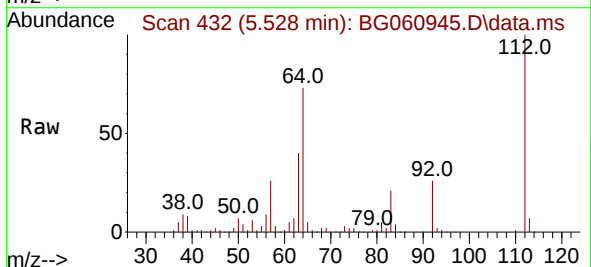
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

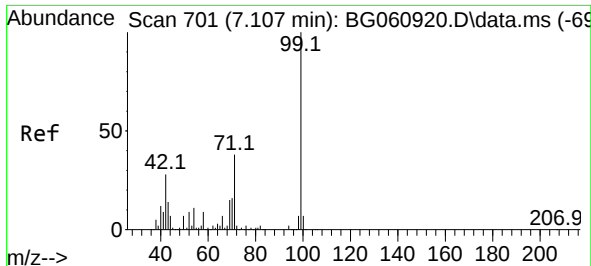
Tgt Ion:152 Resp: 50772
Ion Ratio Lower Upper
152 100
150 161.5 125.6 188.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 130.746 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:112 Resp: 382171
Ion Ratio Lower Upper
112 100
64 72.5 58.9 88.3
63 39.6 32.1 48.1

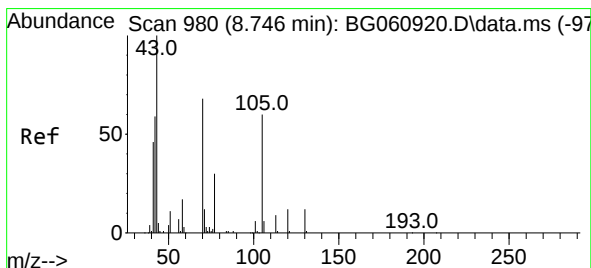
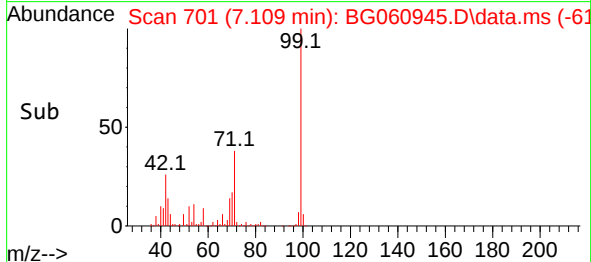
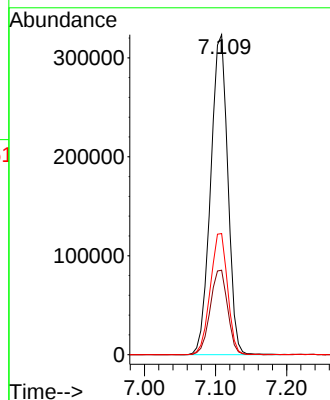
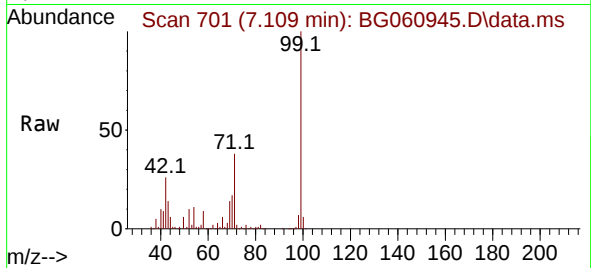




#7
Phenol-d6
Concen: 128.552 ng
RT: 7.109 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

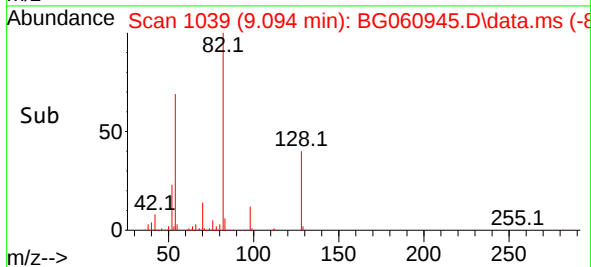
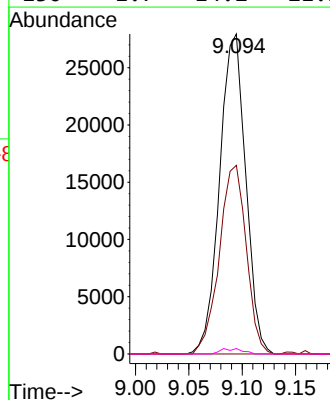
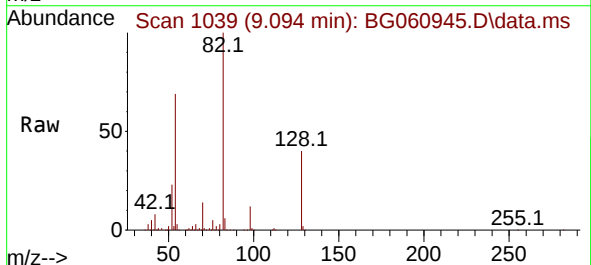
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

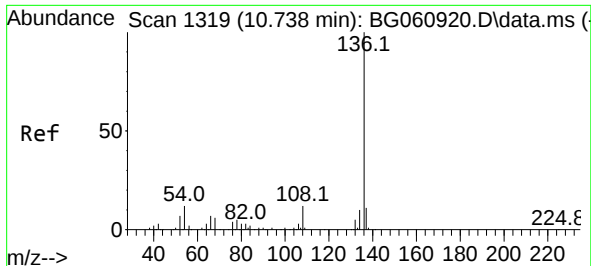
Tgt Ion: 99 Resp: 541311
Ion Ratio Lower Upper
99 100
42 26.4 22.2 33.2
71 37.9 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.836 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.348 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion: 70 Resp: 47584
Ion Ratio Lower Upper
70 100
42 59.0 70.9 106.3#
101 0.0 7.0 10.4#
130 1.7 14.2 21.2#

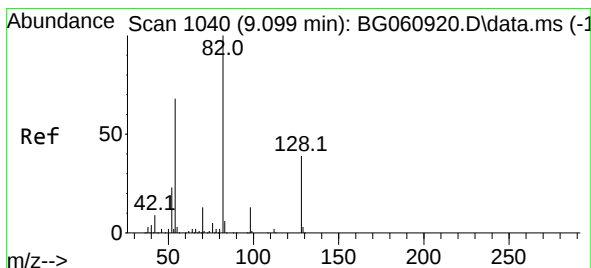
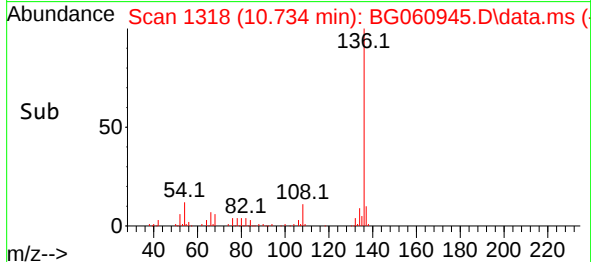
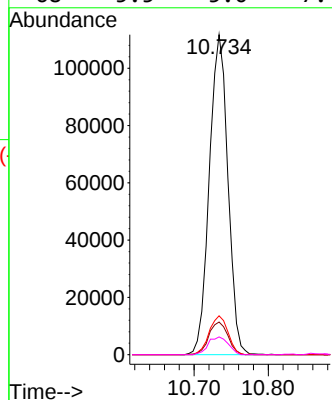
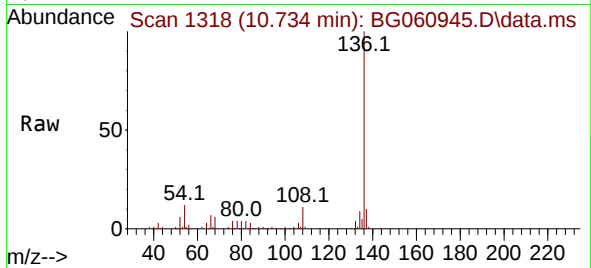




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

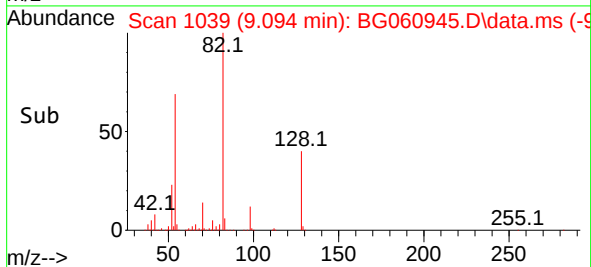
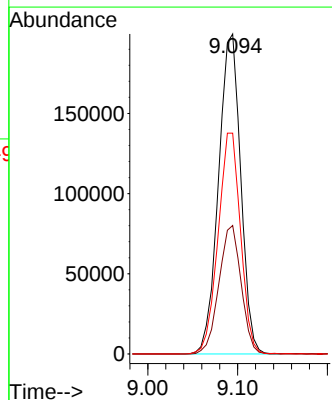
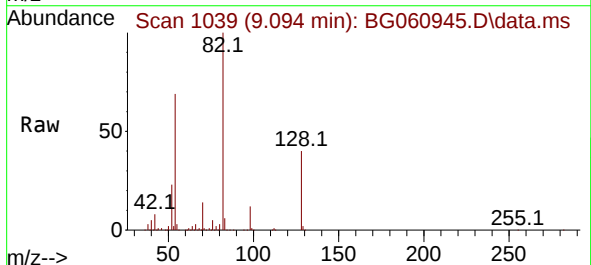
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

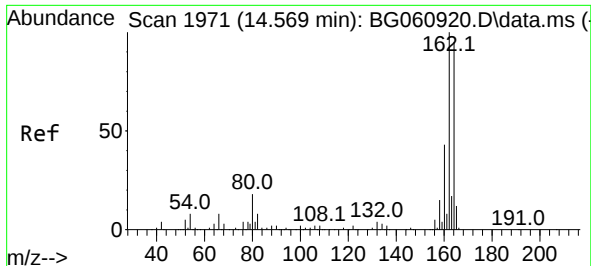
Tgt Ion:	136	Resp:	194287
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	12.1	9.8	14.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.928 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:	82	Resp:	342064
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.4	47.0
54	69.0	54.2	81.4

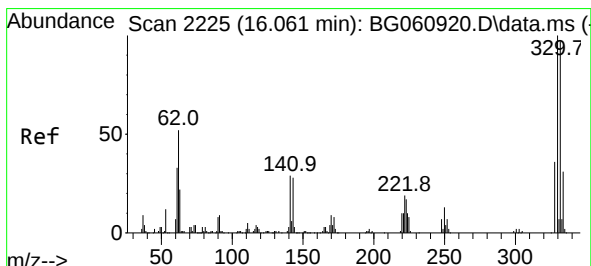
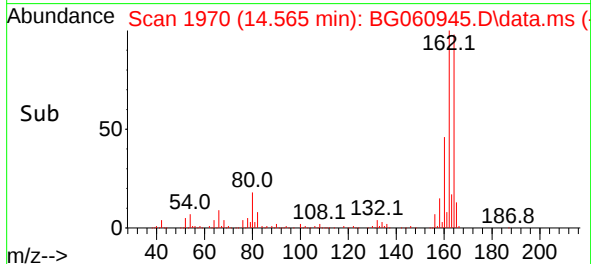
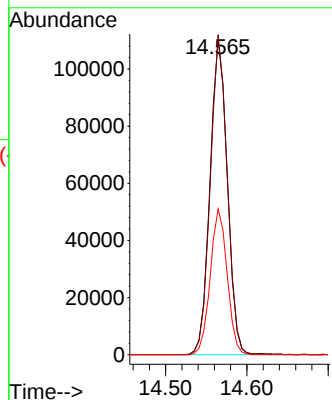
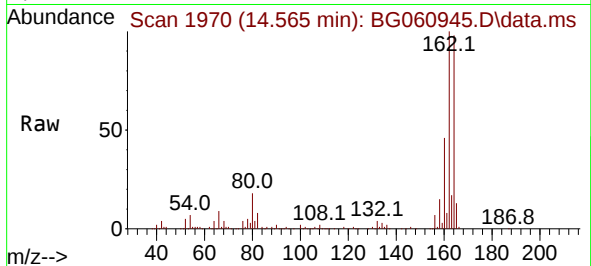




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

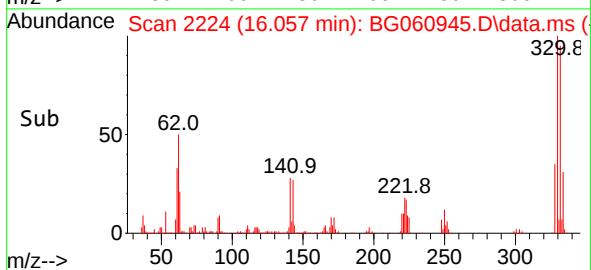
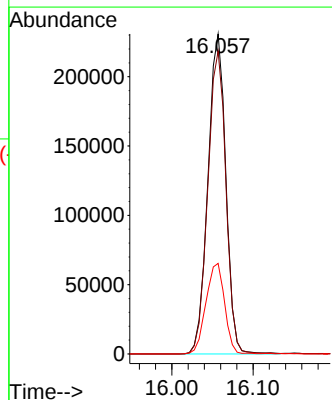
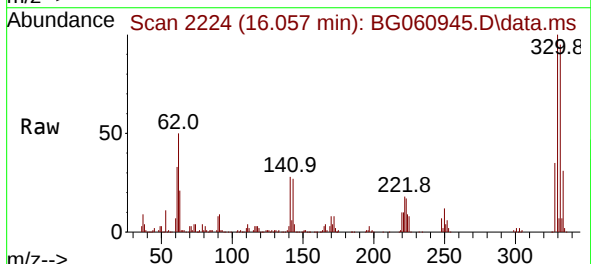
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

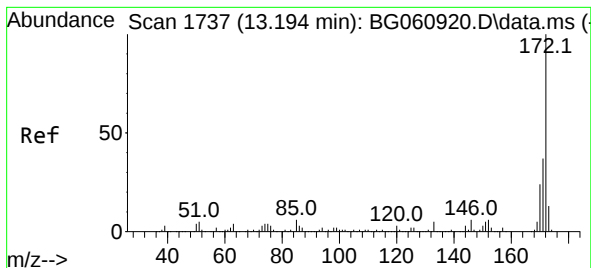
Tgt Ion:164 Resp: 163829
Ion Ratio Lower Upper
164 100
162 101.5 84.1 126.1
160 46.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 130.405 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:330 Resp: 352943
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 29.5 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 74.780 ng

RT: 13.190 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG060945.D

Acq: 18 Apr 2024 21:19

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01

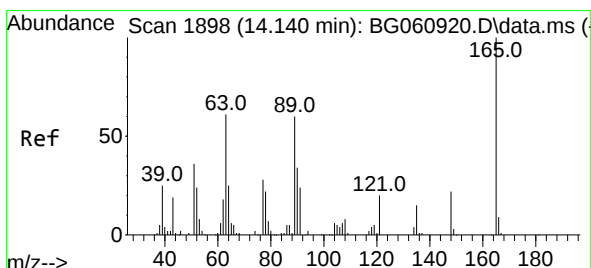
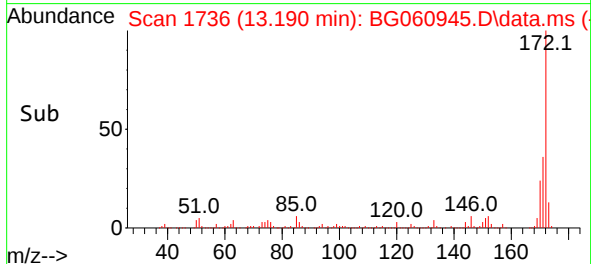
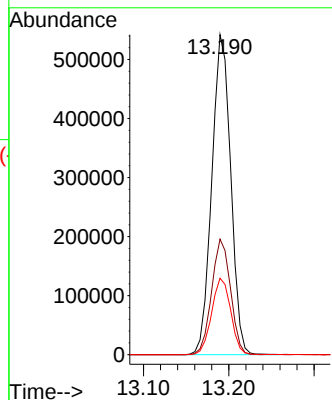
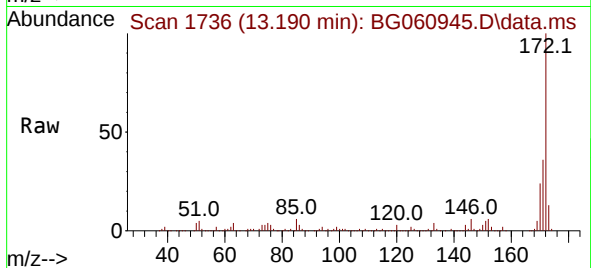
Tgt Ion:172 Resp: 834852

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.9 19.5 29.3



#51

2,6-Dinitrotoluene

Concen: 7.800 ng

RT: 14.565 min Scan# 1970

Delta R.T. 0.424 min

Lab File: BG060945.D

Acq: 18 Apr 2024 21:19

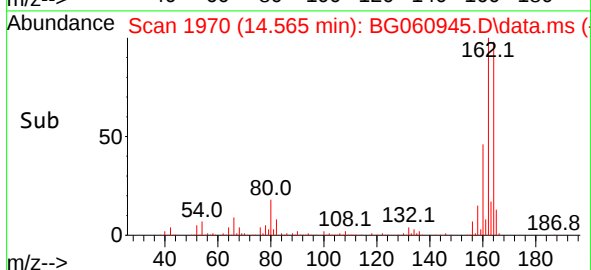
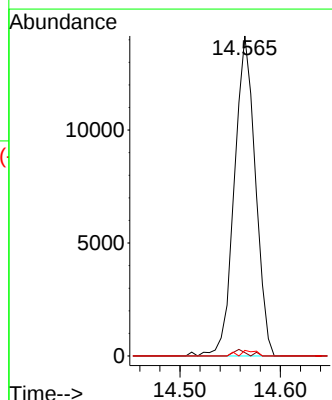
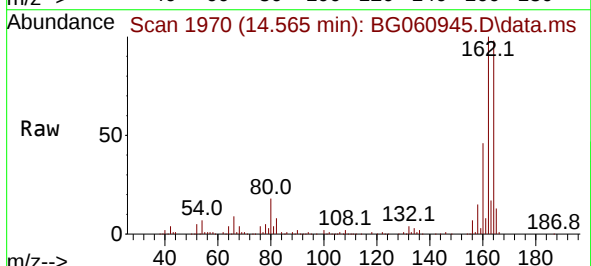
Tgt Ion:165 Resp: 20668

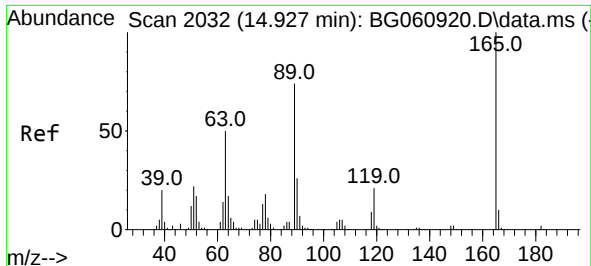
Ion Ratio Lower Upper

165 100

63 1.1 53.8 80.8#

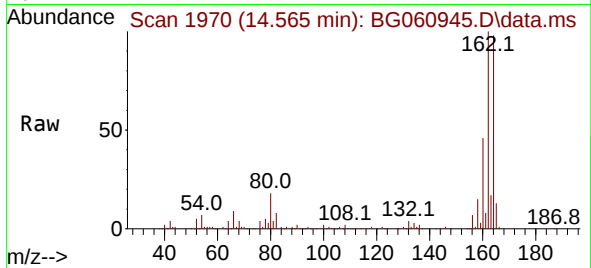
89 1.8 48.2 72.4#



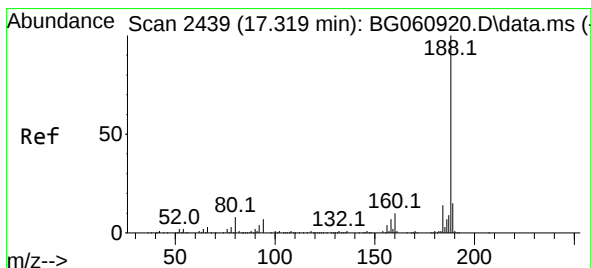
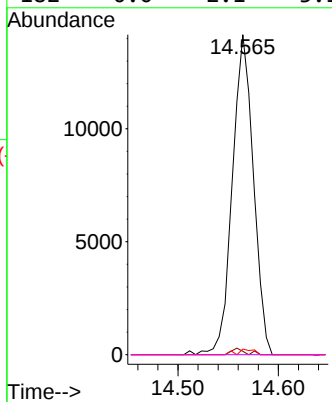
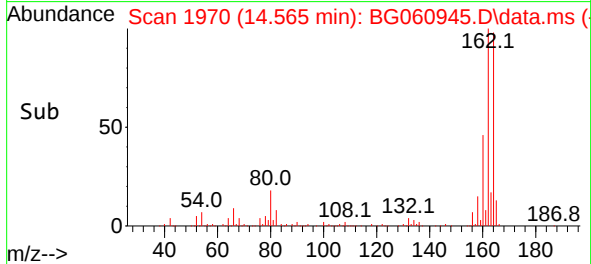


#57
2,4-Dinitrotoluene
Concen: 5.459 ng
RT: 14.565 min Scan# 1970
Delta R.T. -0.363 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

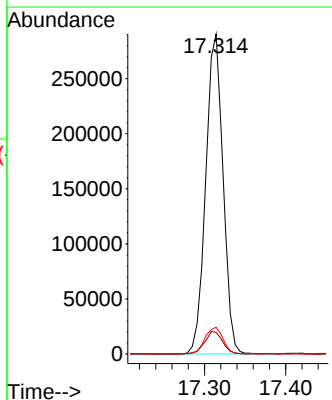
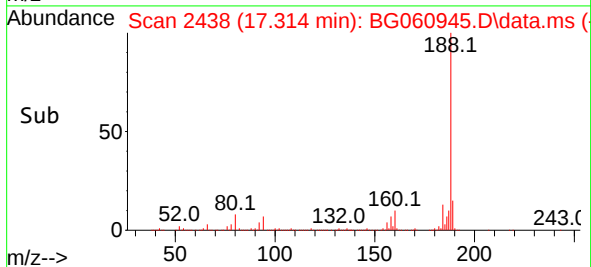
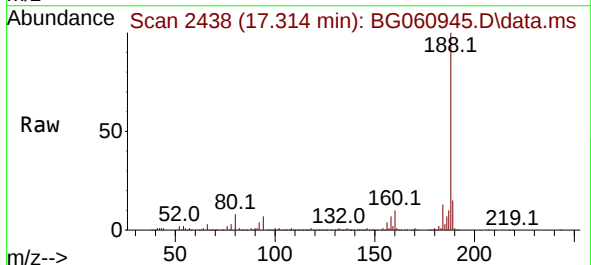


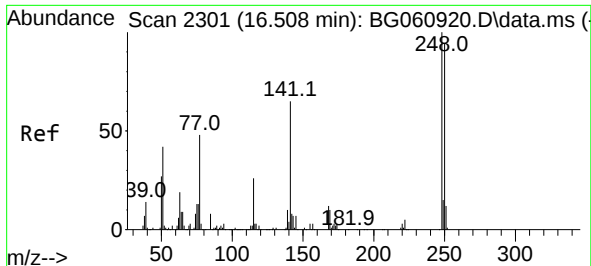
Tgt Ion:165 Resp: 20668
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.2#
89 1.8 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:188 Resp: 428742
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.3 6.6 9.8

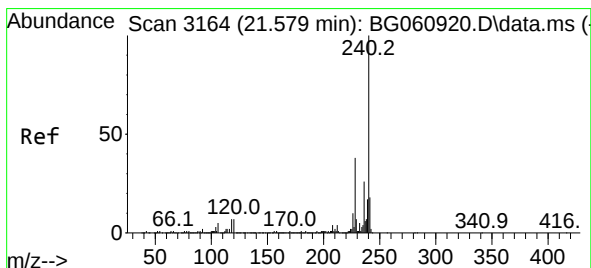
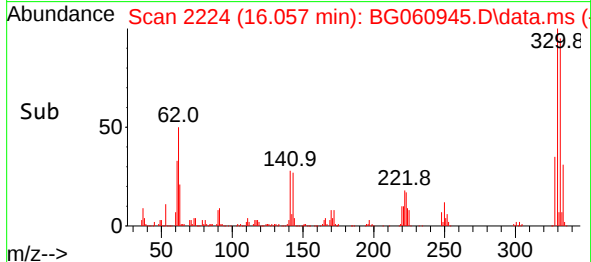
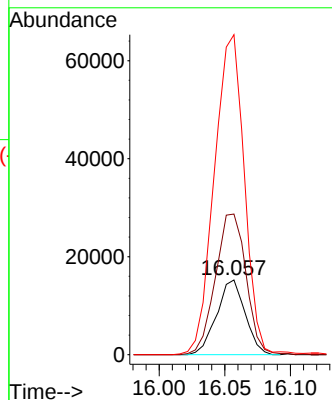
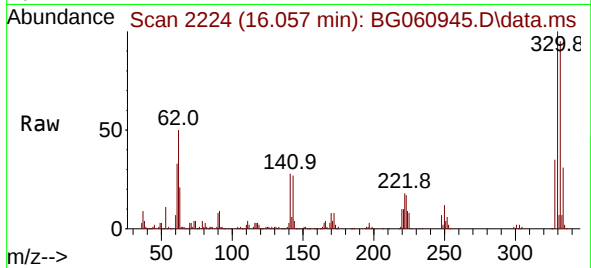




#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

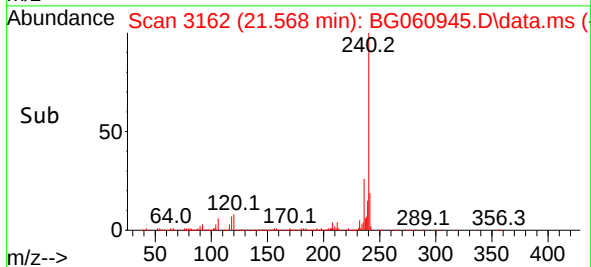
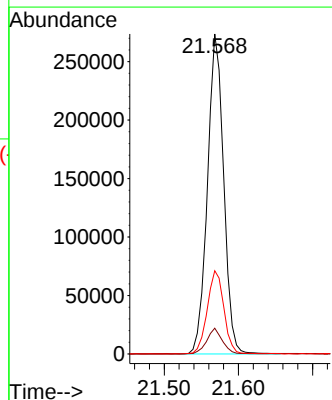
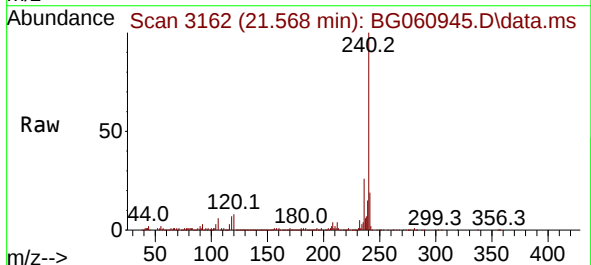
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

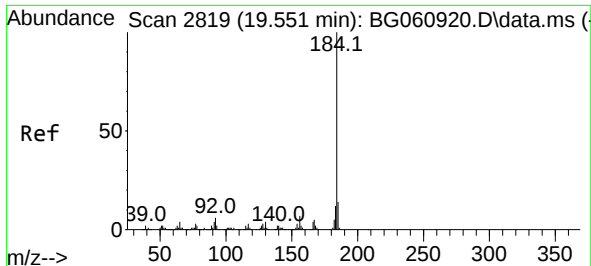
Tgt Ion:248 Resp: 23033
Ion Ratio Lower Upper
248 100
250 188.2 75.4 113.2#
141 428.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.010 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:240 Resp: 416446
Ion Ratio Lower Upper
240 100
120 8.1 5.7 8.5
236 26.0 21.1 31.7

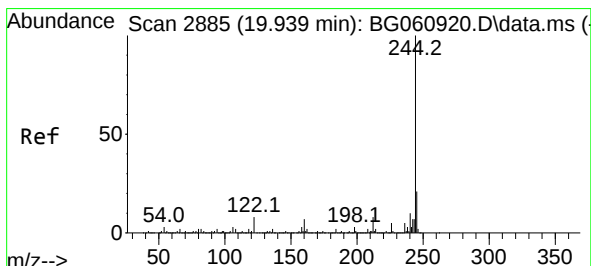
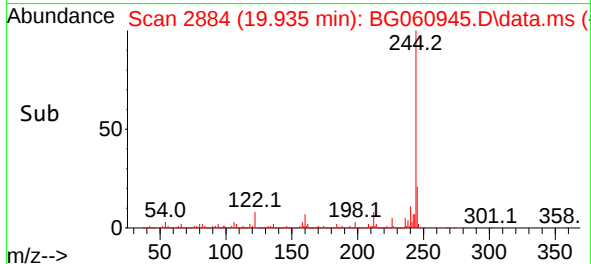
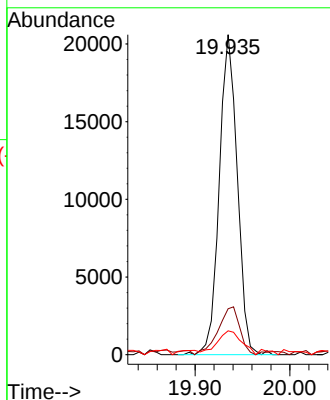
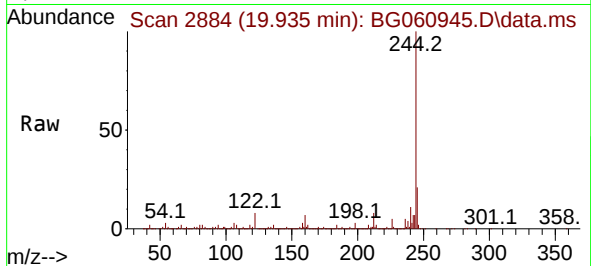




#77
Benzidine
Concen: 2.963 ng
RT: 19.935 min Scan# 2884
Delta R.T. 0.383 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

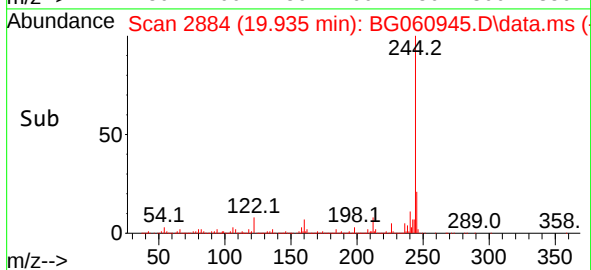
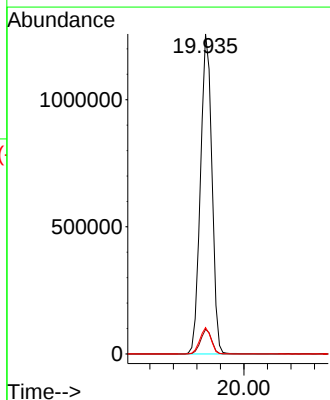
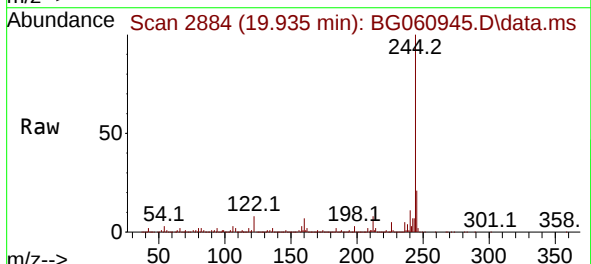
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01

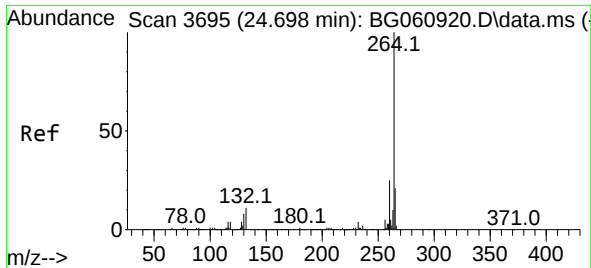
Tgt Ion:184 Resp: 27216
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 7.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.497 ng
RT: 19.935 min Scan# 2884
Delta R.T. -0.005 min
Lab File: BG060945.D
Acq: 18 Apr 2024 21:19

Tgt Ion:244 Resp: 1706055
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 8.3 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.688 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG060945.D
 Acq: 18 Apr 2024 21:19

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01

Tgt Ion:264 Resp: 490398
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 22.0 16.6 25.0

