

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061161.D
 Acq On : 10 May 2024 12:47
 Operator : MA/JU
 Sample : PB160758TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160758TB

Quant Time: May 10 13:19:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

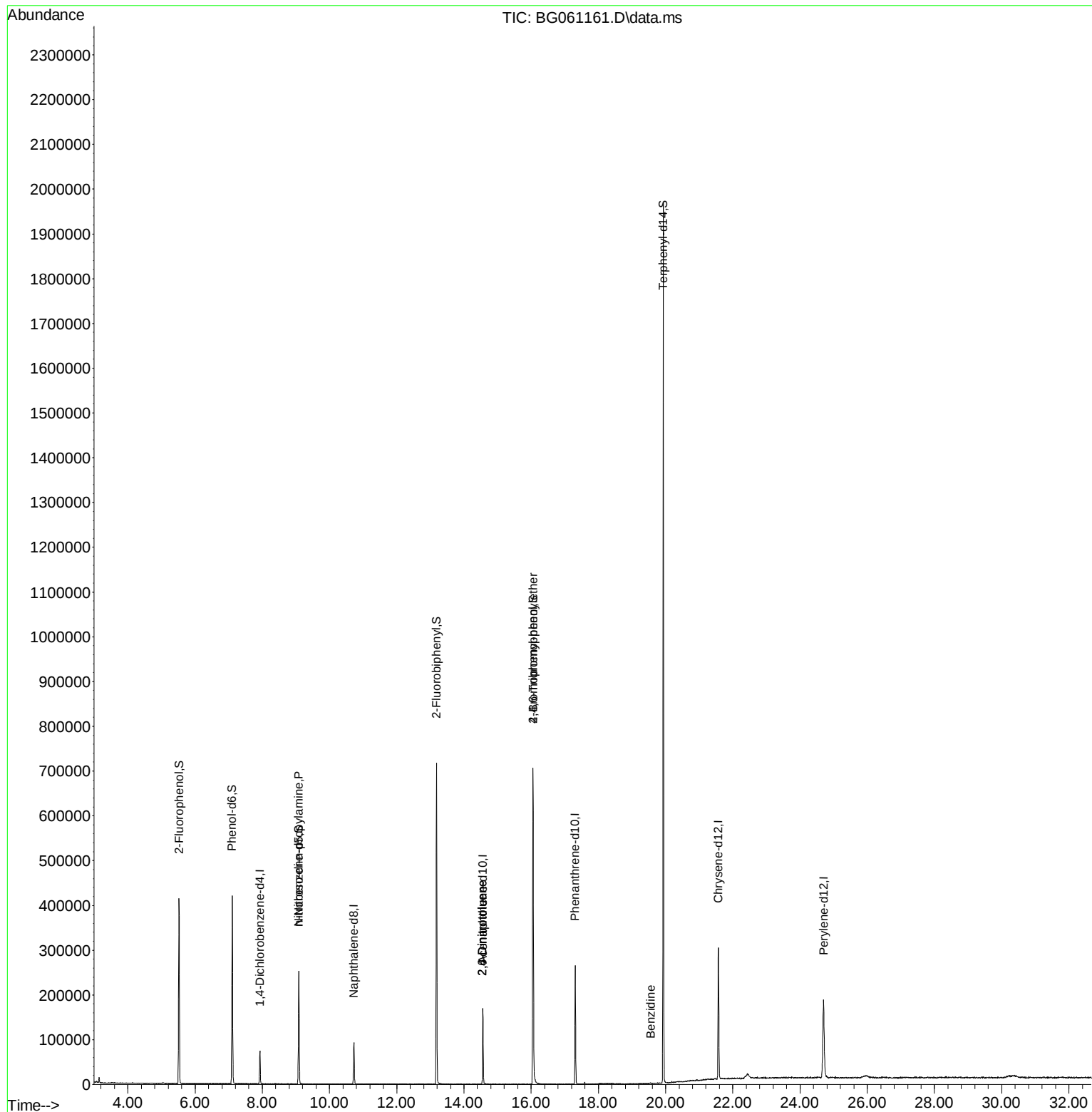
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	18027	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	71346	20.000	ng	-0.03
39) Acenaphthene-d10	14.562	164	64879	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	173932	20.000	ng	#-0.02
76) Chrysene-d12	21.571	240	185704	20.000	ng	-0.02
86) Perylene-d12	24.697	264	219412	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	142016	160.217	ng	-0.03
7) Phenol-d6	7.106	99	188864	144.032	ng	-0.03
23) Nitrobenzene-d5	9.086	82	129883	90.245	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	170514	131.487	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	379014	86.384	ng	-0.03
79) Terphenyl-d14	19.932	244	1003072	89.834	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.100	77	414	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.086	70	18856	19.215	ng	# 70
51) 2,6-Dinitrotoluene	14.556	165	8162	7.615	ng	# 17
57) 2,4-Dinitrotoluene	14.556	165	8162	5.147	ng	# 19
67) 4-Bromophenyl-phenylether	16.054	248	11020	5.378	ng	# 1
77) Benzidine	19.556	184	1642	3.233	ng	# 71

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

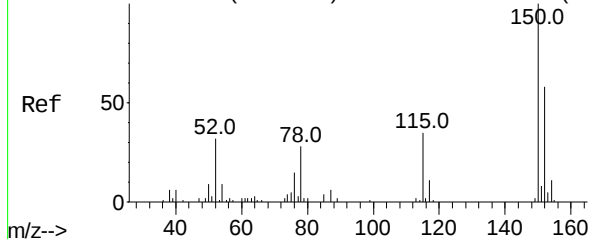
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061161.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : PB160758TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
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PB160758TB

Quant Time: May 10 13:19:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



Abundance Scan 846 (7.961 min): BG061062.D\data.ms (-839) #1



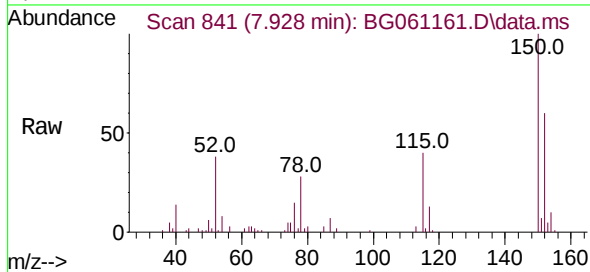
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 841
Delta R.T. -0.033 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Instrument :

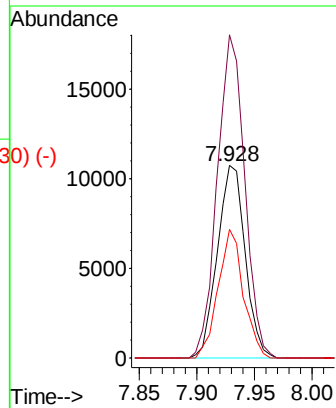
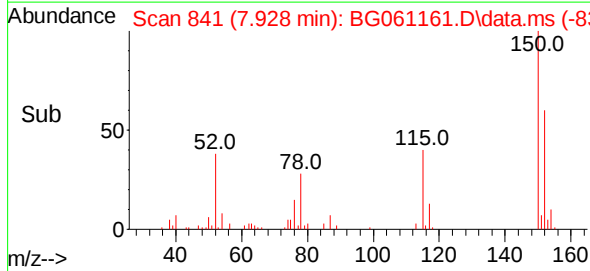
BNA_G

ClientSampleId :

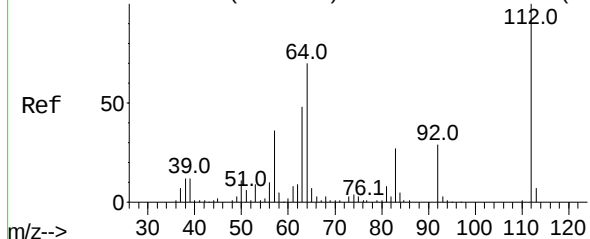
PB160758TB



Tgt Ion:	152	Resp:	18027
Ion	Ratio	Lower	Upper
152	100		
150	167.8	138.3	207.5
115	66.8	48.0	72.0

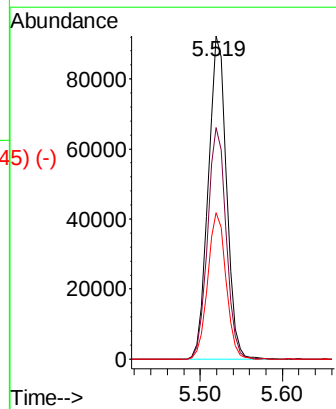
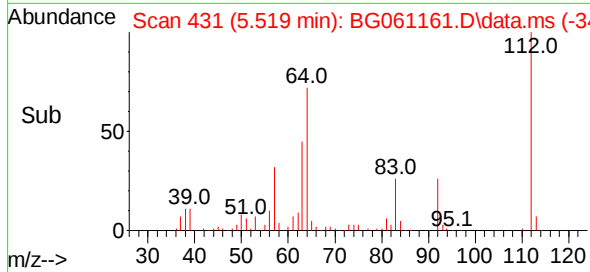
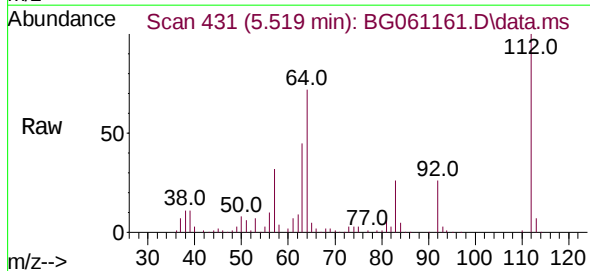


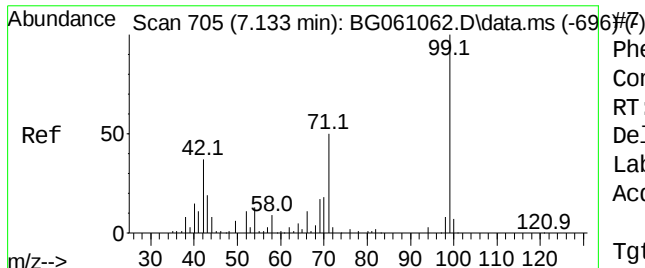
Abundance Scan 435 (5.547 min): BG061062.D\data.ms (-428) #5



2-Fluorophenol
Concen: 160.217 ng
RT: 5.519 min Scan# 431
Delta R.T. -0.027 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:	112	Resp:	142016
Ion	Ratio	Lower	Upper
112	100		
64	71.7	55.7	83.5
63	45.3	38.1	57.1

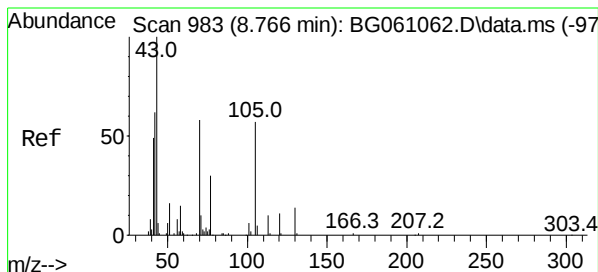
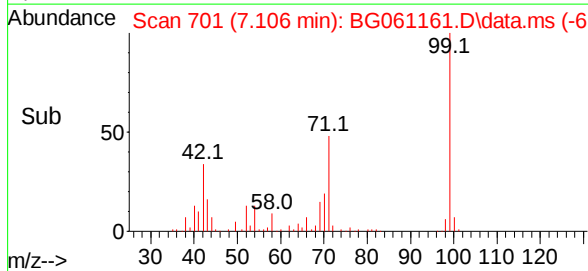
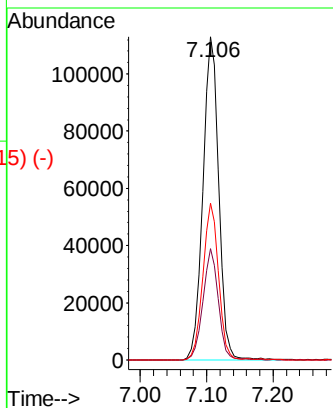
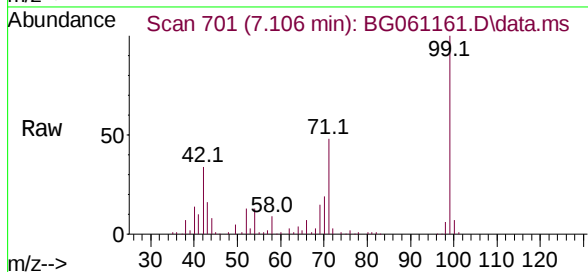




Phenol-d6
 Concen: 144.032 ng
 RT: 7.106 min Scan#
 Delta R.T. -0.027 min
 Lab File: BG061161.D
 Acq: 10 May 2024 12:47

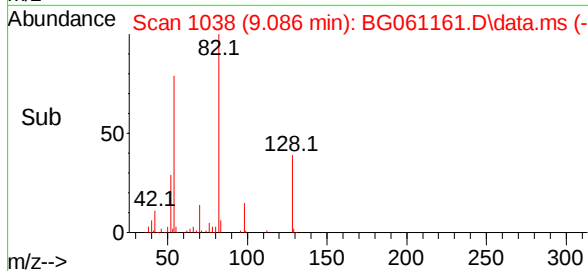
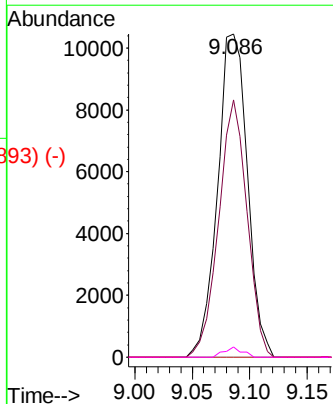
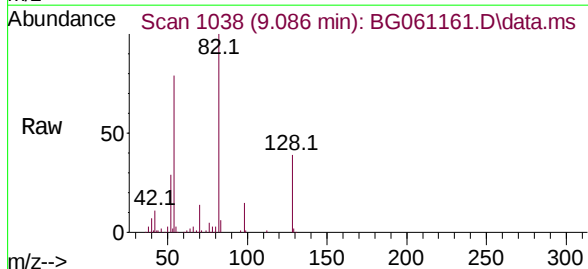
Instrument :
 BNA_G
 ClientSampleId :
 PB160758TB

Tgt Ion:	99	Resp:	188864
Ion	Ratio	Lower	Upper
99	100		
42	34.5	29.2	43.8
71	48.4	39.7	59.5



n-Nitroso-di-n-propylamine
 Concen: 19.215 ng
 RT: 9.086 min Scan# 1038
 Delta R.T. 0.319 min
 Lab File: BG061161.D
 Acq: 10 May 2024 12:47

Tgt Ion:	70	Resp:	18856
Ion	Ratio	Lower	Upper
70	100		
42	79.7	86.4	129.6#
101	0.0	7.8	11.8#
130	3.2	19.0	28.4#



Abundance Scan 1322 (10.758 min): BG061062.D\data.ms (-123) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.725 min Scan# 1322

Delta R.T. -0.033 min

Lab File: BG061161.D

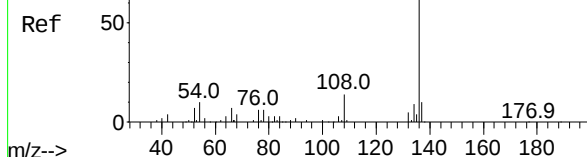
Acq: 10 May 2024 12:47

Instrument :

BNA_G

ClientSampleId :

PB160758TB



Tgt Ion:136 Resp: 71346

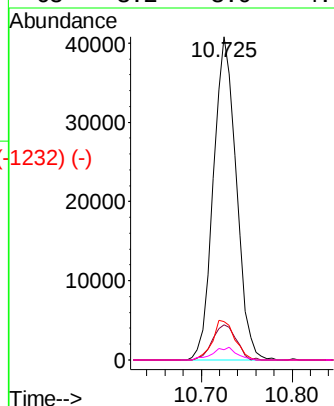
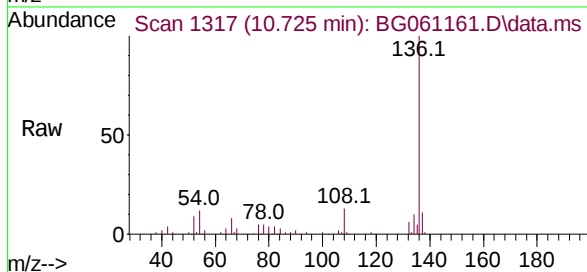
Ion Ratio Lower Upper

136 100

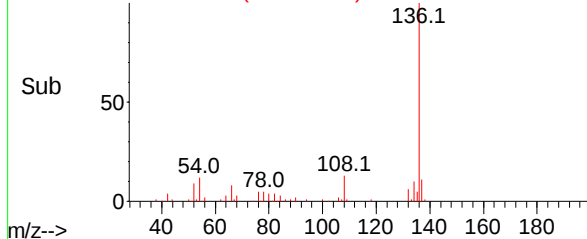
137 11.0 7.8 11.6

54 11.9 8.1 12.1

68 3.2 3.0 4.4



Abundance Scan 1317 (10.725 min): BG061161.D\data.ms (-1232) (-)



Abundance Scan 1043 (9.119 min): BG061062.D\data.ms (-1052) (-)

Nitrobenzene-d5

Concen: 90.245 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

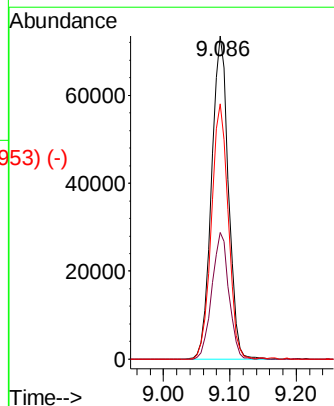
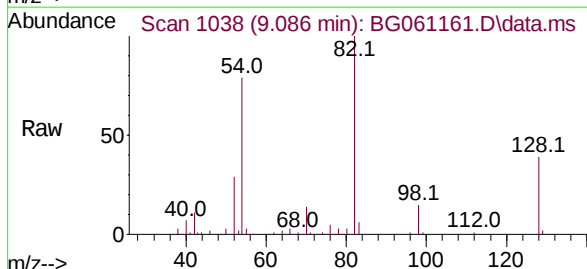
Tgt Ion: 82 Resp: 129883

Ion Ratio Lower Upper

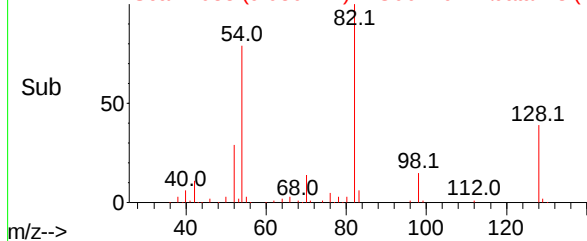
82 100

128 39.2 32.7 49.1

54 79.0 65.6 98.4



Abundance Scan 1038 (9.086 min): BG061161.D\data.ms (-953) (-)



Abundance Scan 1974 (14.589 min): BG061062.D\data.ms (-1884) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1974

Delta R.T. -0.027 min

Lab File: BG061161.D

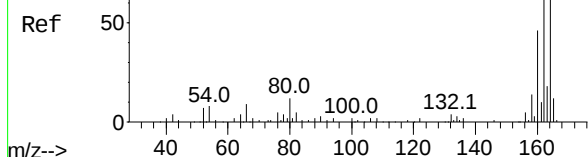
Acq: 10 May 2024 12:47

Instrument :

BNA_G

ClientSampleId :

PB160758TB



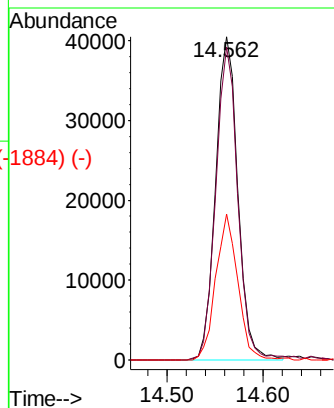
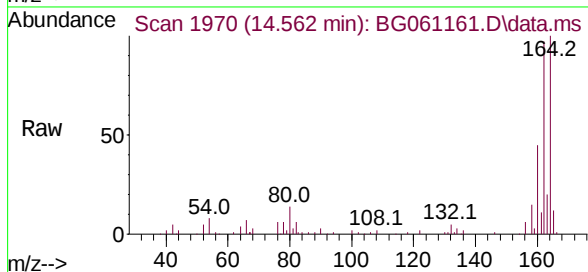
Tgt Ion:164 Resp: 64879

Ion Ratio Lower Upper

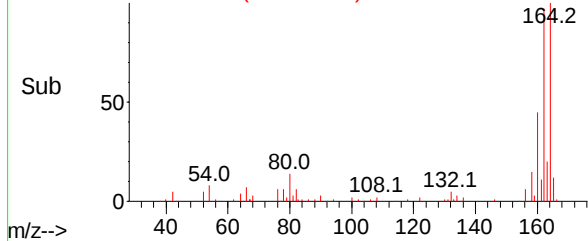
164 100

162 96.9 79.4 119.2

160 45.2 37.0 55.6



Abundance Scan 1970 (14.562 min): BG061161.D\data.ms (-1884) (-)



Abundance Scan 2227 (16.075 min): BG061062.D\data.ms (-2137) (-)

2,4,6-Tribromophenol

Concen: 131.487 ng

RT: 16.054 min Scan# 2224

Delta R.T. -0.021 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

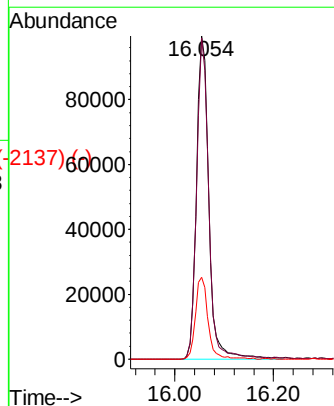
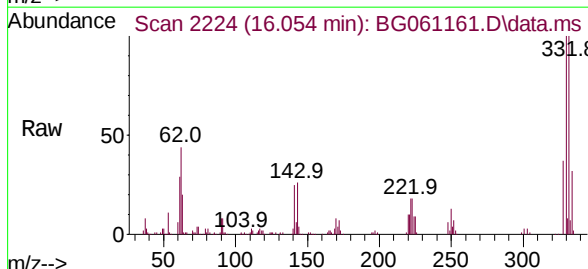
Tgt Ion:330 Resp: 170514

Ion Ratio Lower Upper

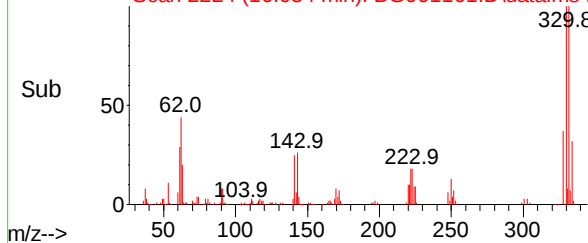
330 100

332 97.5 78.6 117.8

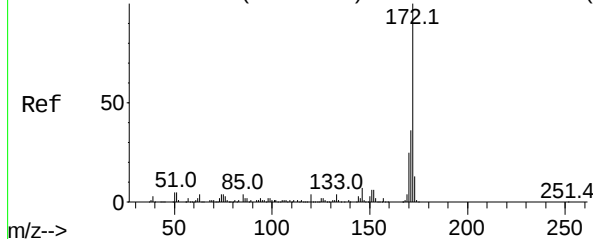
141 25.9 20.5 30.7



Abundance Scan 2224 (16.054 min): BG061161.D\data.ms (-2137) (-)



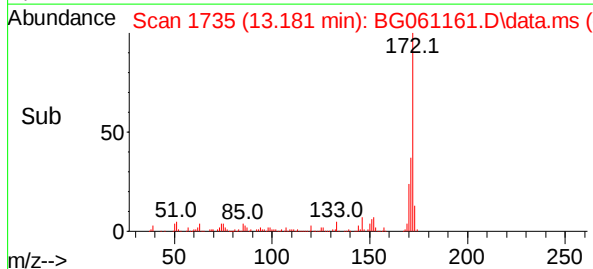
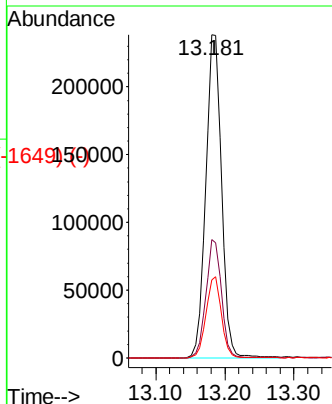
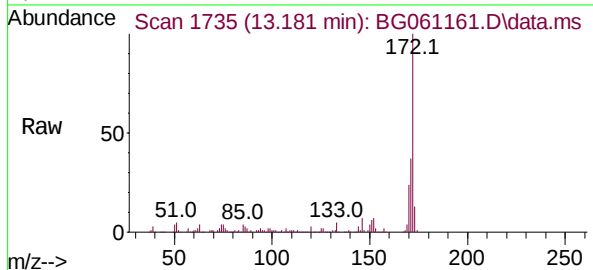
Abundance Scan 1739 (13.208 min): BG061062.D\data.ms (-1745) (-)



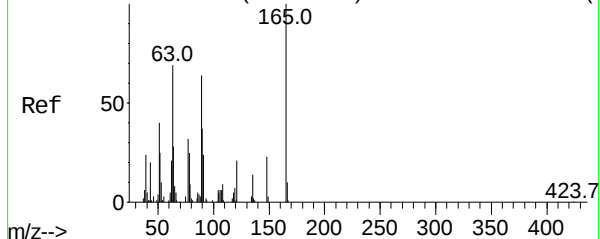
2-Fluorobiphenyl
Concen: 86.384 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Instrument :
BNA_G
ClientSampleId :
PB160758TB

Tgt Ion:	172	Resp:	379014
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.2	20.2	30.4

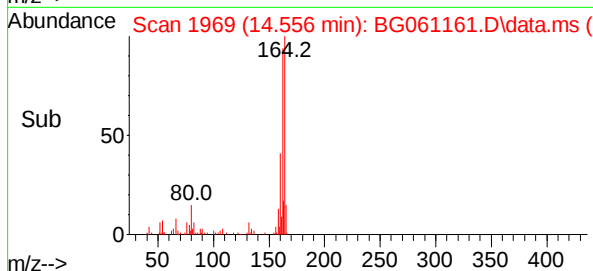
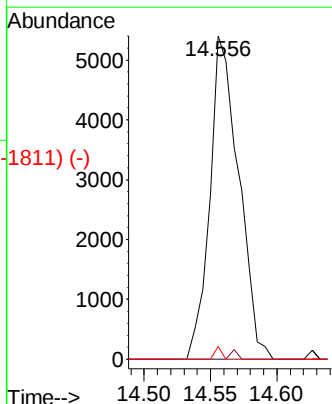
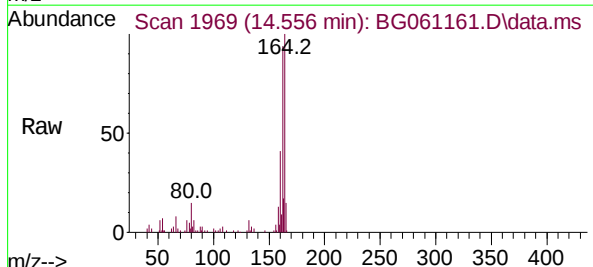


Abundance Scan 1901 (14.160 min): BG061062.D\data.ms (-1653) (-)

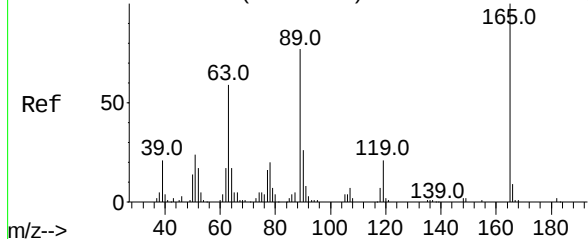


2,6-Dinitrotoluene
Concen: 7.615 ng
RT: 14.556 min Scan# 1969
Delta R.T. 0.396 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:	165	Resp:	8162
Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	3.9	50.9	76.3#



Abundance Scan 2035 (14.947 min): BG061062.D\data.ms (-257) (-)



2,4-Dinitrotoluene

Concen: 5.147 ng

RT: 14.556 min Scan# 1969

Delta R.T. -0.391 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

Instrument :

BNA_G

ClientSampleId :

PB160758TB

Tgt Ion:165 Resp: 8162

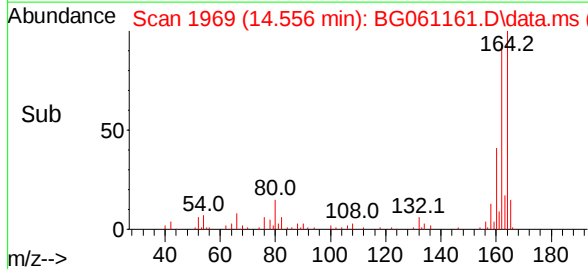
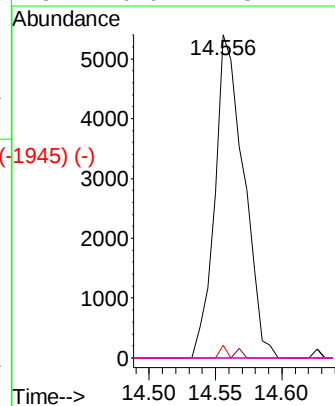
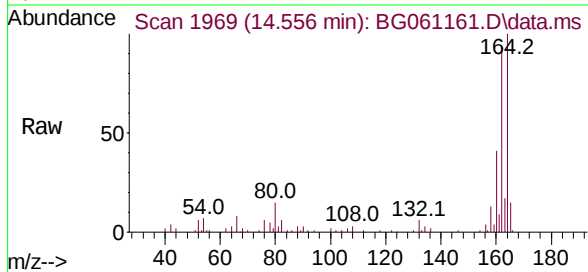
Ion Ratio Lower Upper

165 100

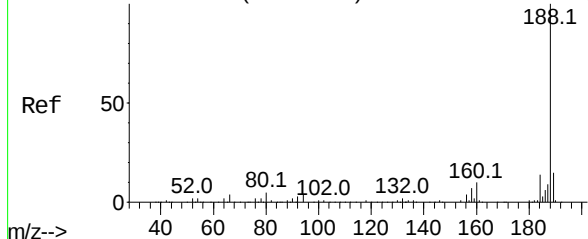
63 0.0 47.3 70.9#

89 3.9 61.8 92.8#

182 0.0 1.8 2.6#



Abundance Scan 2441 (17.333 min): BG061062.D\data.ms (-2438) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.311 min Scan# 2438

Delta R.T. -0.021 min

Lab File: BG061161.D

Acq: 10 May 2024 12:47

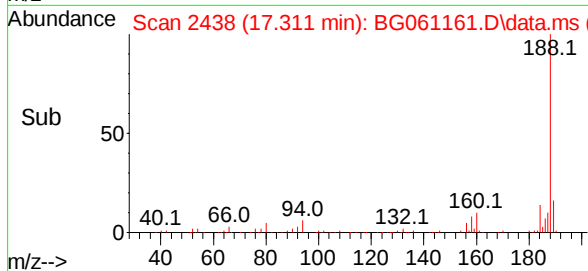
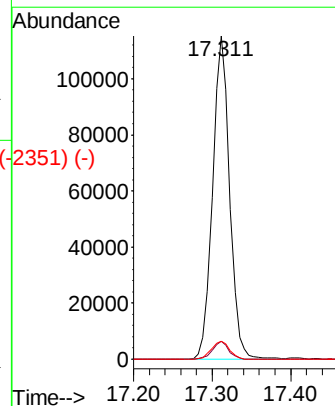
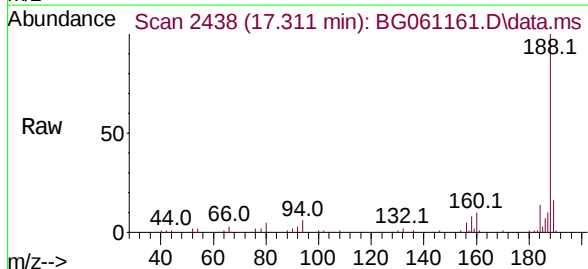
Tgt Ion:188 Resp: 173932

Ion Ratio Lower Upper

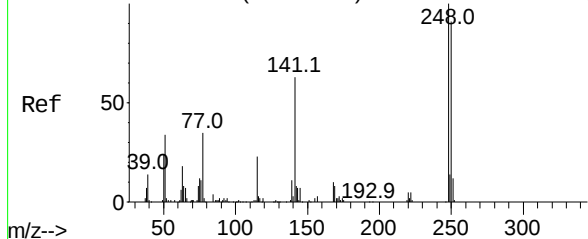
188 100

94 5.6 3.6 5.4#

80 5.4 4.2 6.2



Abundance Scan 2303 (16.522 min): BG061062.D\data.ms (-2303) (-)

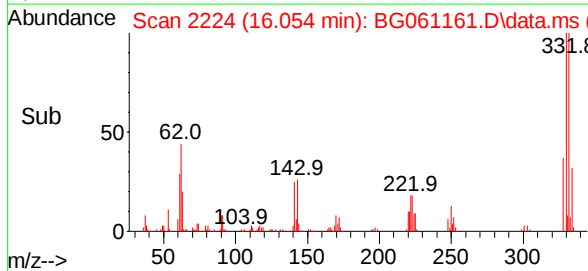
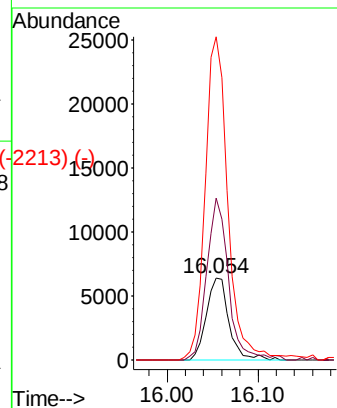
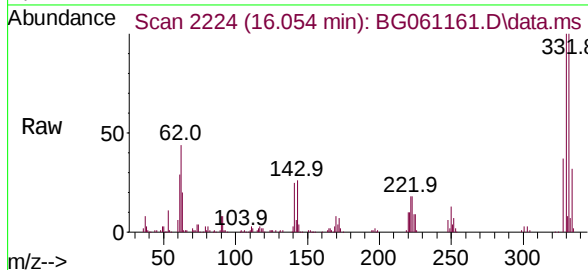


4-Bromophenyl-phenylether
Concen: 5.378 ng
RT: 16.054 min Scan# 1
Delta R.T. -0.468 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

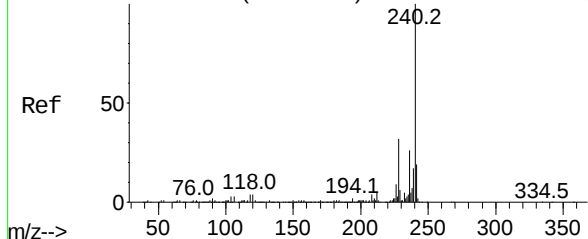
Instrument :
BNA_G
ClientSampleId :
PB160758TB

Tgt Ion:248 Resp: 11020
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
248	100		
250	197.2	73.0	109.4#
141	393.3	50.8	76.2#



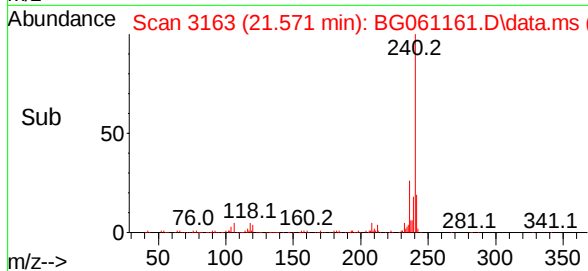
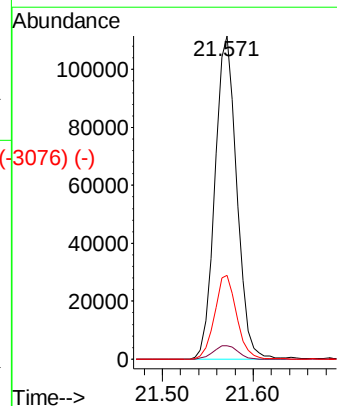
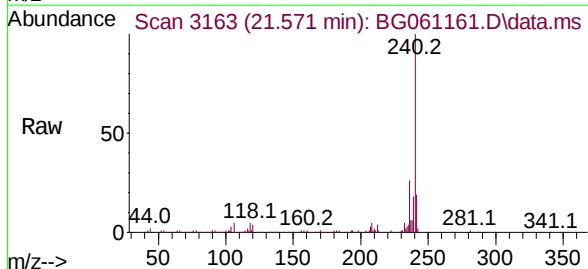
Abundance Scan 3166 (21.592 min): BG061062.D\data.ms (-3176) (-)

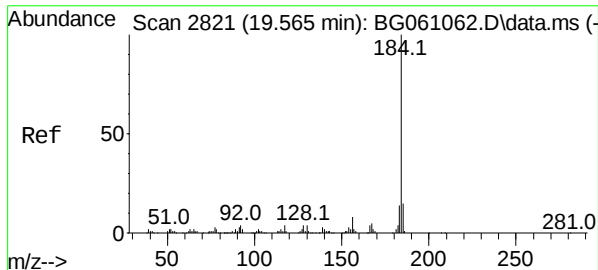


Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:240 Resp: 185704
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.2	4.8
236	25.9	21.0	31.6

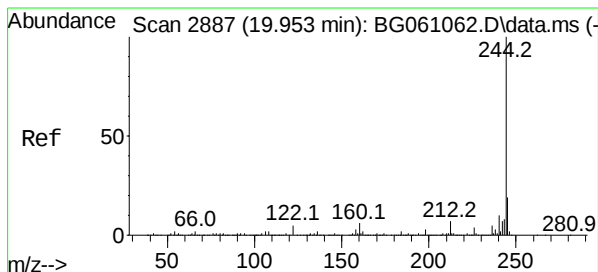
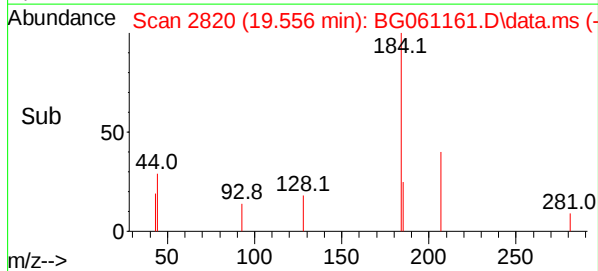
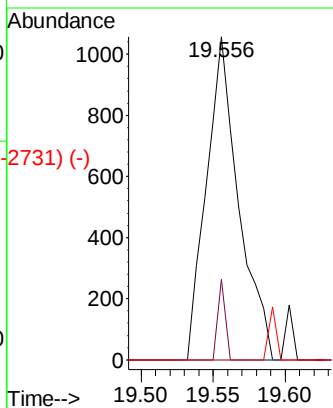
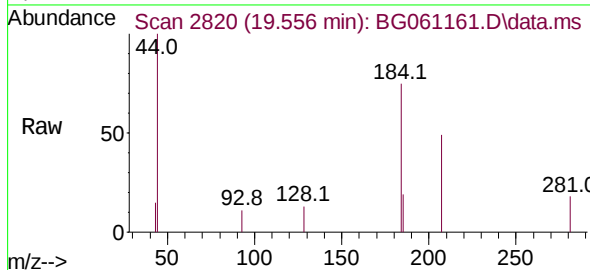




Benzidine
Concen: 3.233 ng
RT: 19.556 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

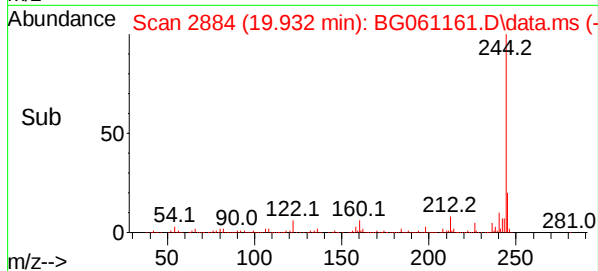
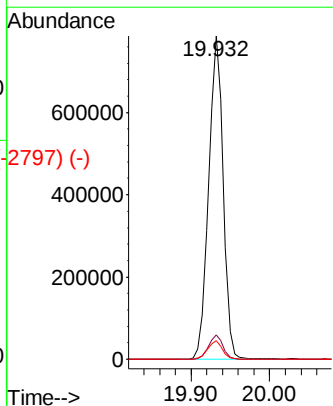
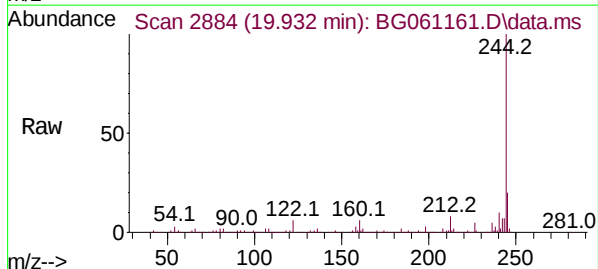
Instrument :
BNA_G
ClientSampleId :
PB160758TB

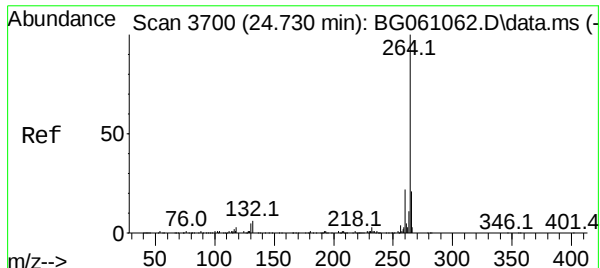
Tgt Ion:	184	Resp:	1642
Ion	Ratio	Lower	Upper
184	100		
185	25.0	12.0	18.0#
183	0.0	10.9	16.3#



Terphenyl-d14
Concen: 89.834 ng
RT: 19.932 min Scan# 2884
Delta R.T. -0.021 min
Lab File: BG061161.D
Acq: 10 May 2024 12:47

Tgt Ion:	244	Resp:	1003072
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	5.7	4.2	6.2





Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 1
 Delta R.T. -0.033 min
 Lab File: BG061161.D
 Acq: 10 May 2024 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB160758TB

Tgt Ion:	264	Resp:	219412
Ion Ratio		Lower	Upper
264	100		
260	24.2	17.7	26.5
265	23.4	16.4	24.6

