

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043411.D
 Acq On : 30 Oct 2019 21:50
 Operator : JU
 Sample : K5599-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20A

Quant Time: Oct 31 06:28:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

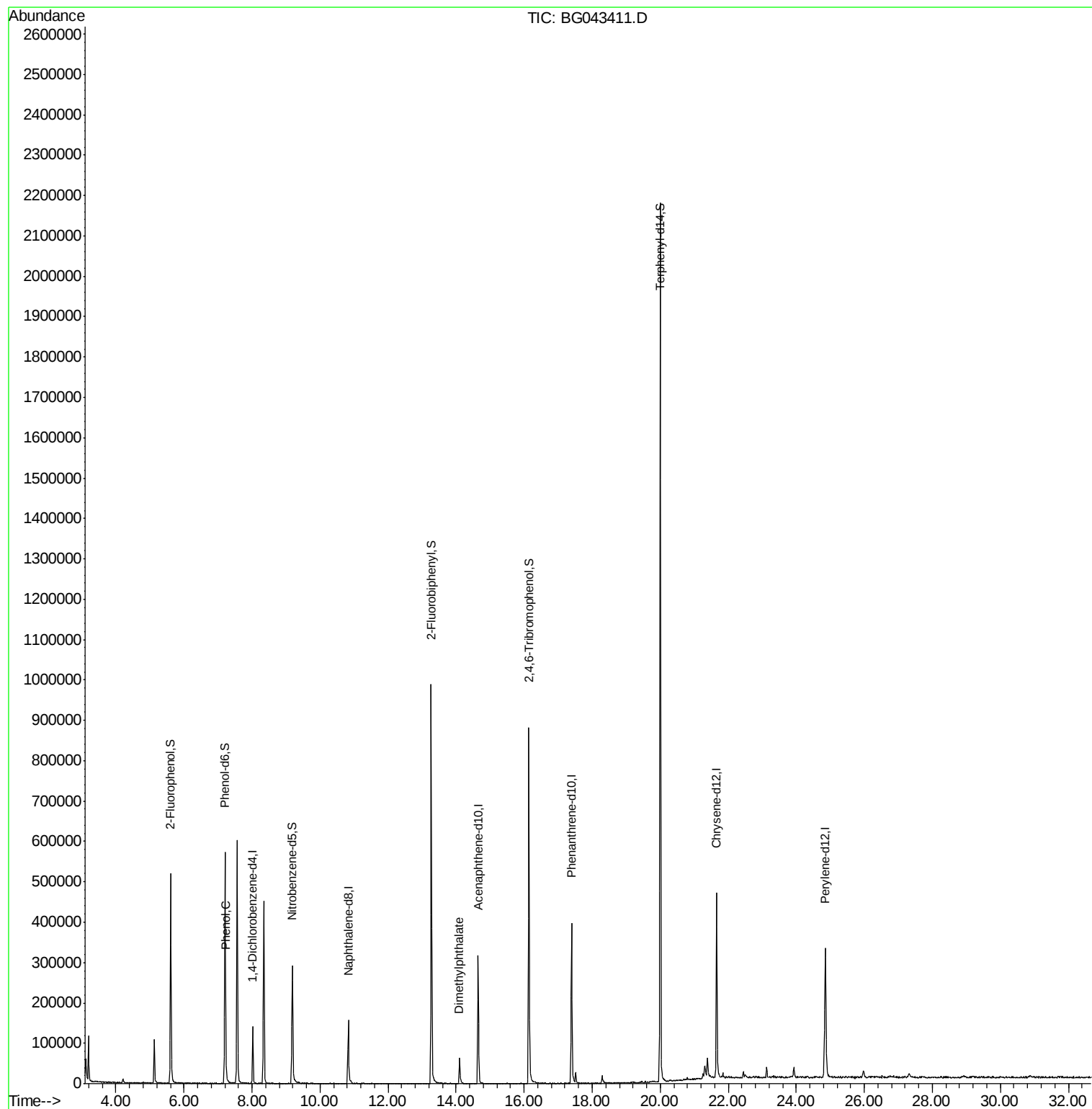
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43326	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161341	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	124417	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	284175	20.00	ng	0.00
76) Chrysene-d12	21.66	240	316225	20.00	ng	0.00
87) Perylene-d12	24.86	264	366566	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252575	106.83	ng	0.00
7) Phenol-d6	7.21	99	366210	107.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	214448	68.52	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	227498	96.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	619902	68.85	ng	0.00
79) Terphenyl-d14	20.00	244	1189938	70.60	ng	0.00
Target Compounds						
10) Phenol	7.23	94	7897	2.540	ng	Qvalue # 52
50) Dimethylphthalate	14.10	163	58261	6.046	ng	99

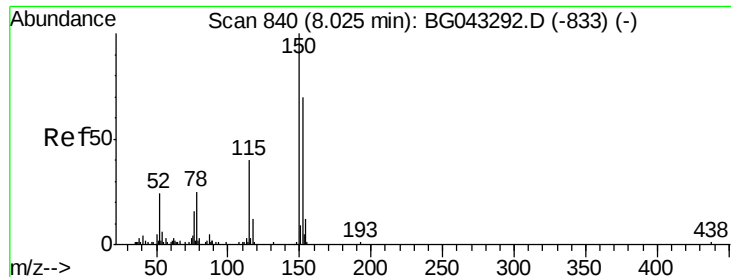
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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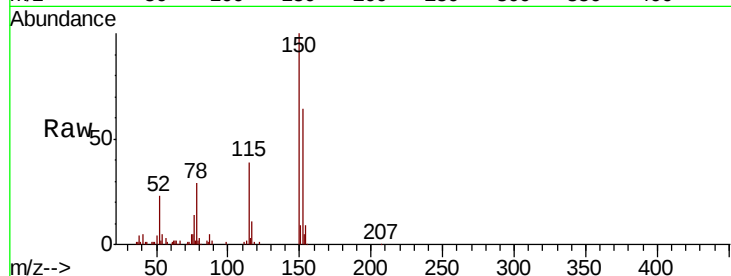


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043411.D
Acq: 30 Oct 2019 21:50

Instrument :
BNA_G
ClientSampled :
Z3-20A

Tot Ion	152	Resp	43326
Ion	Ratio	Lower	Upper
152	100		
150	155.6	113.6	170.4
115	61.0	45.9	68.9

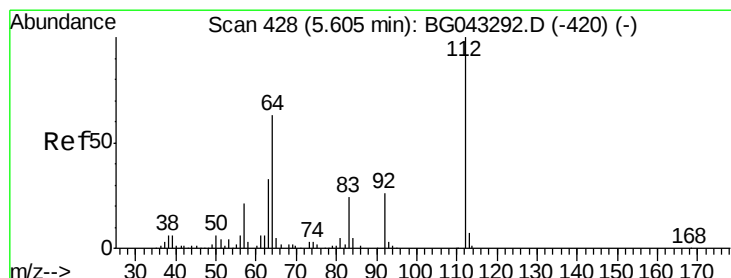
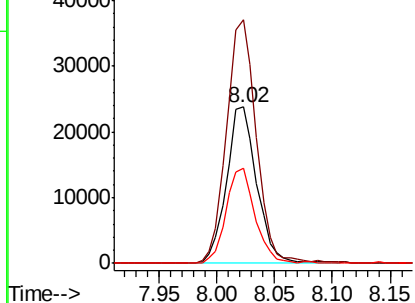
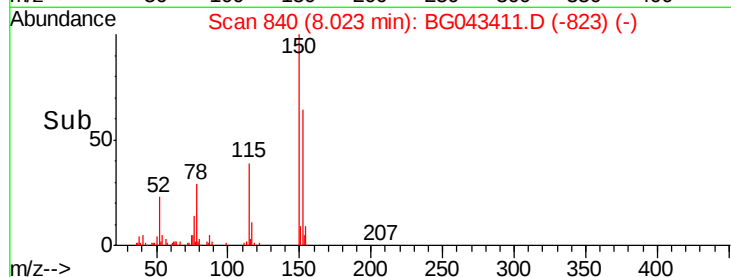


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

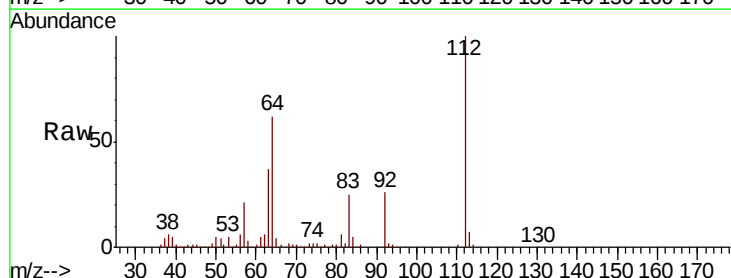
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.825 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043411.D
Acq: 30 Oct 2019 21:50

Tgt Ion	112	Resp	252575
Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	36.7	26.7	40.1

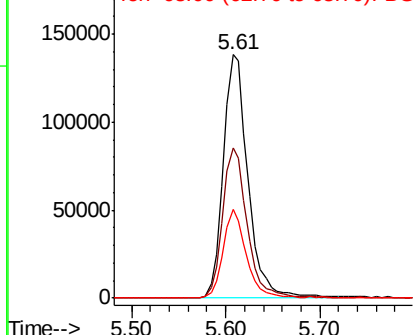
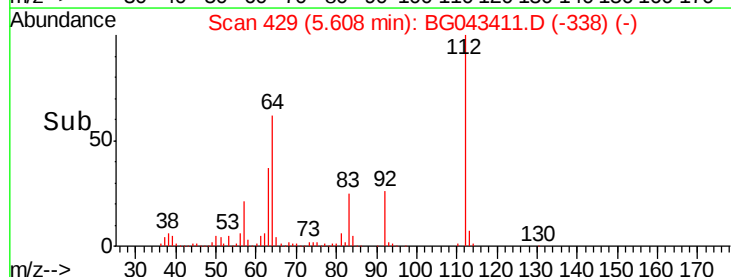


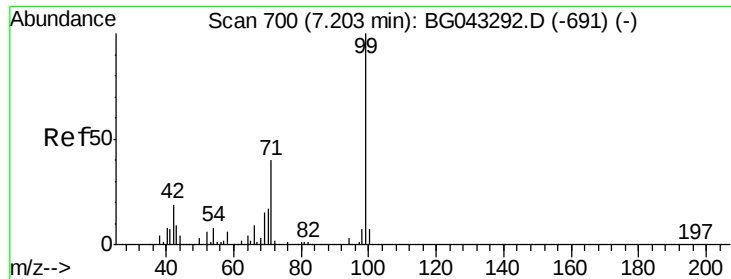
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.652 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

Instrument :

BNA_G

ClientSampleId :

Z3-20A

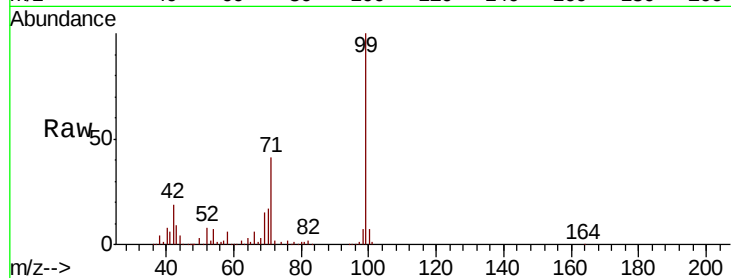
Tot Ion: 99 Resp: 366210

Ion Ratio Lower Upper

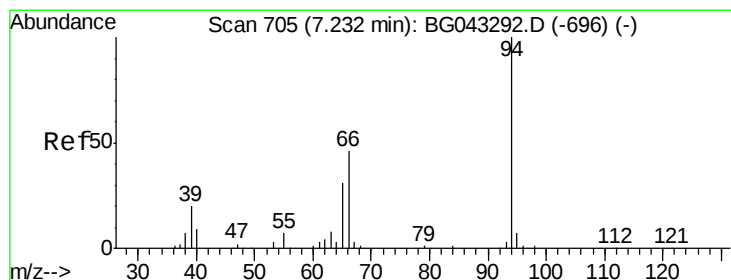
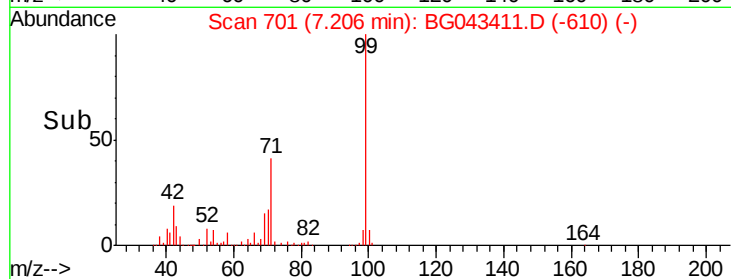
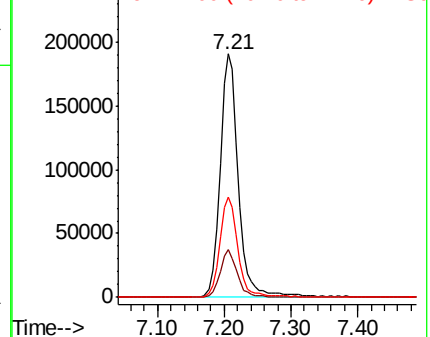
99 100

42 19.5 14.9 22.3

71 41.1 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.540 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

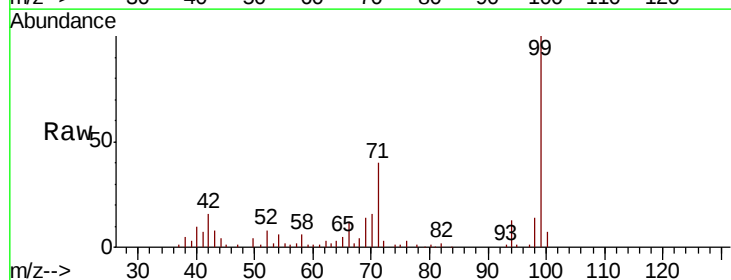
Tgt Ion: 94 Resp: 7897

Ion Ratio Lower Upper

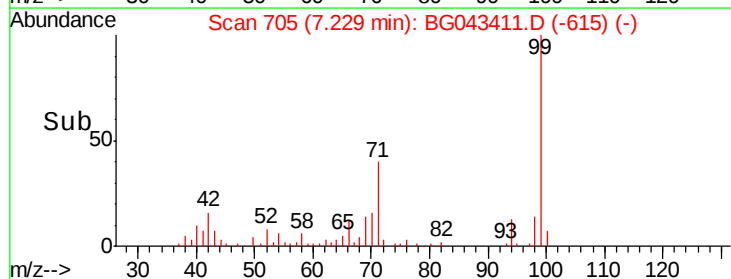
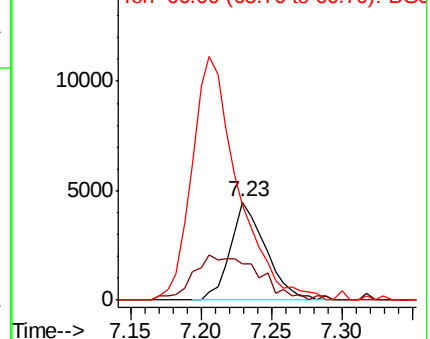
94 100

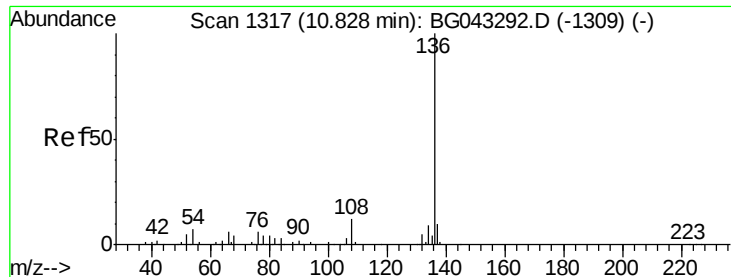
65 36.7 11.1 51.1

66 96.9 27.8 67.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

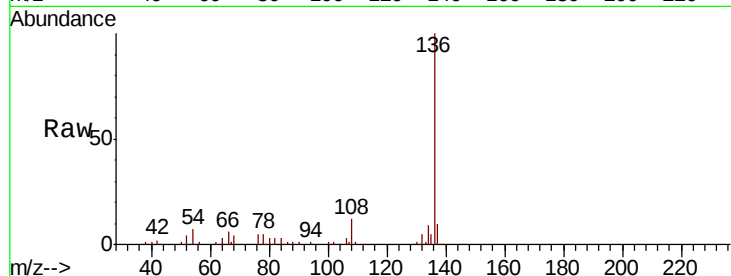




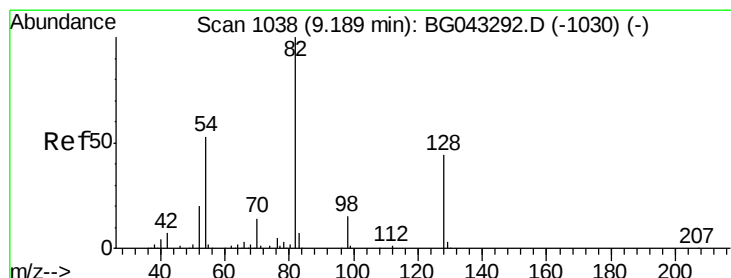
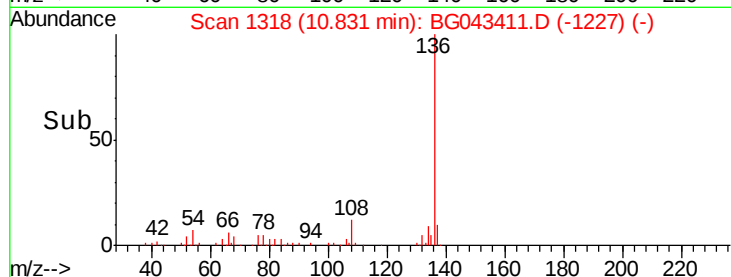
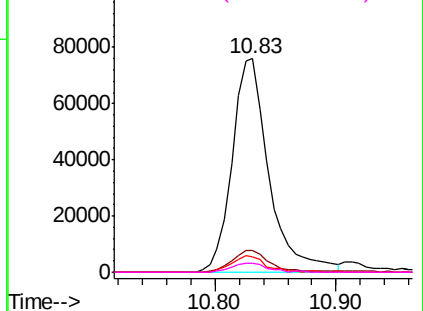
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043411.D
Acq: 30 Oct 2019 21:50

Instrument :
BNA_G
ClientSampleId :
Z3-20A

Tot Ion:136	Resp:	161341
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.2	12.2
54 7.2	5.4	8.2
68 4.4	3.3	4.9

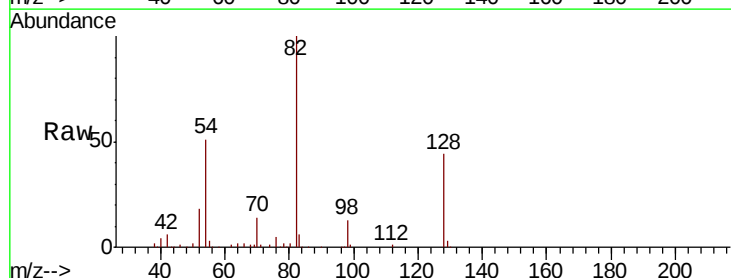


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

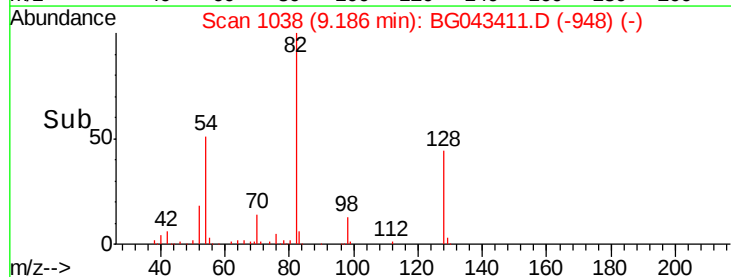
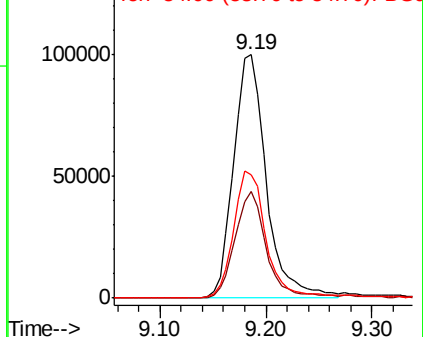


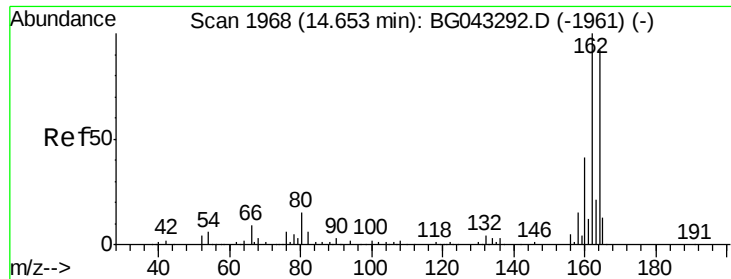
#23
Nitrobenzene-d5
Concen: 68.524 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043411.D
Acq: 30 Oct 2019 21:50

Tgt	Ion: 82	Resp:	214448
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	50.6	42.3	63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

Instrument :

BNA_G

ClientSampleId :

Z3-20A

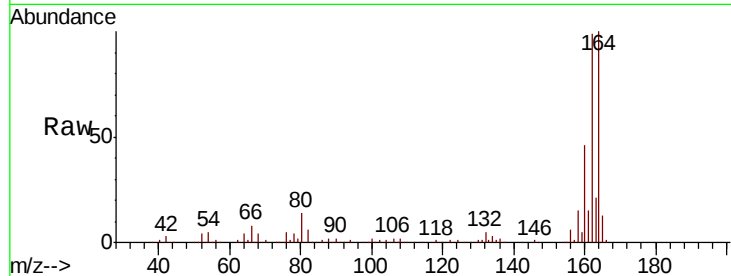
Tot Ion:164 Resp: 124417

Ion Ratio Lower Upper

164 100

162 99.1 87.0 130.4

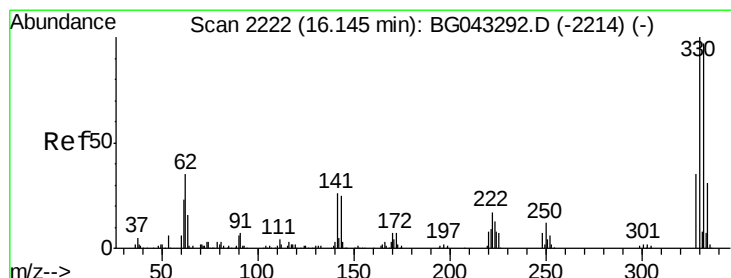
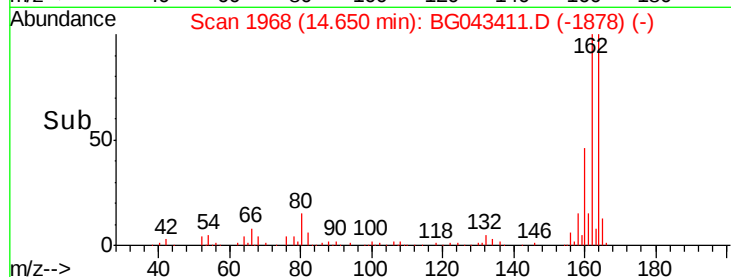
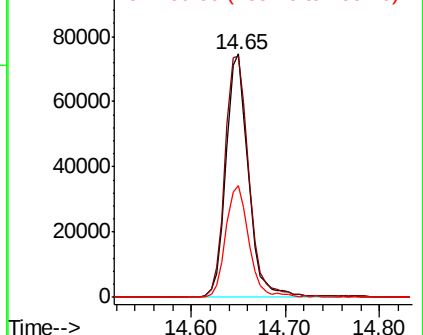
160 46.0 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 96.086 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

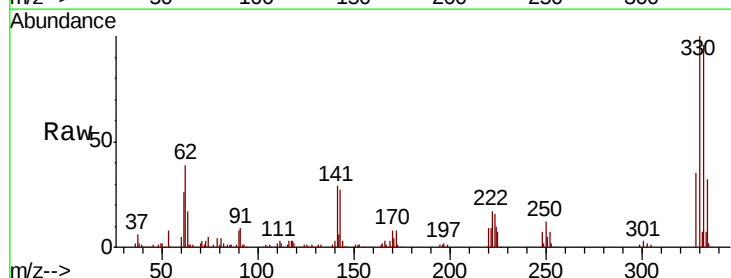
Tgt Ion:330 Resp: 227498

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

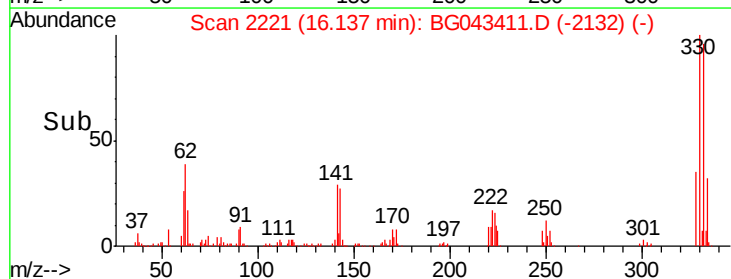
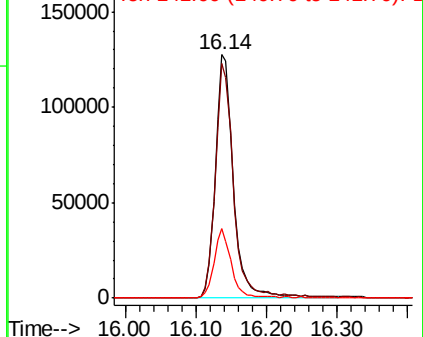
141 27.1 21.4 32.0

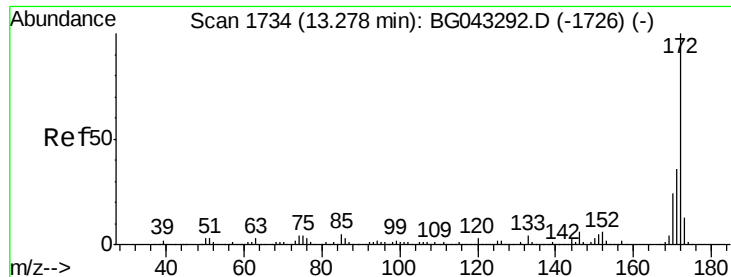


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



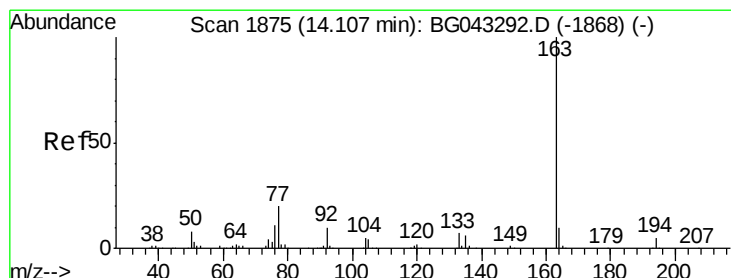
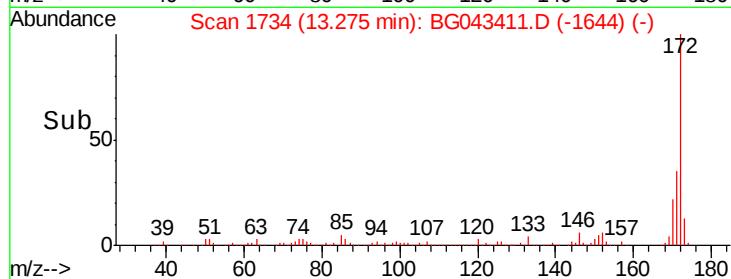
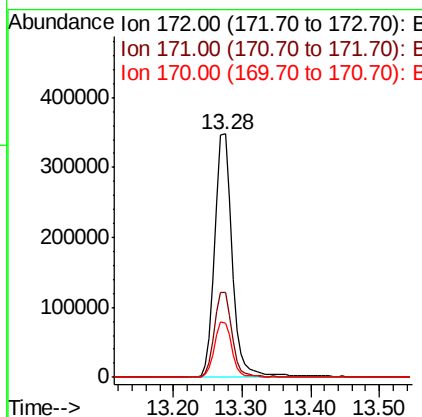
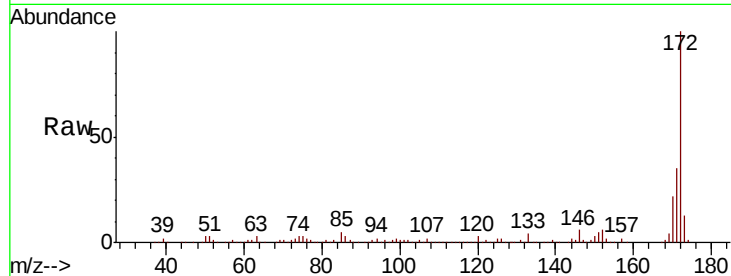


#45
 2-Fluorobiphenyl
 Concen: 68.848 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043411.D
 Acq: 30 Oct 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20A

Tot Ion:172 Resp: 619902

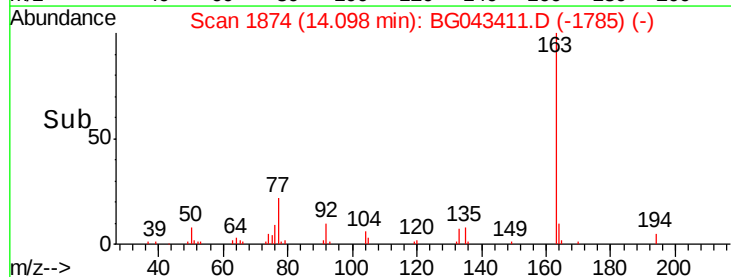
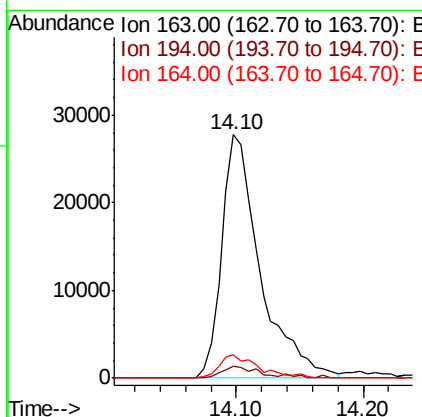
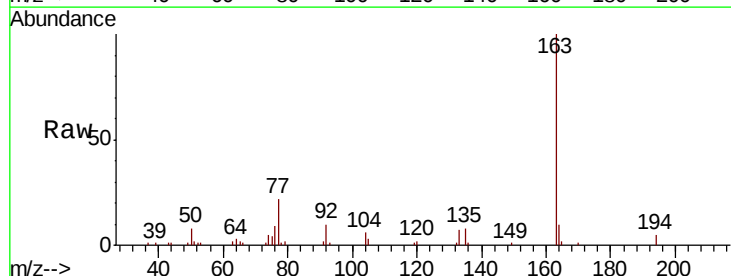
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.2	18.8	28.2

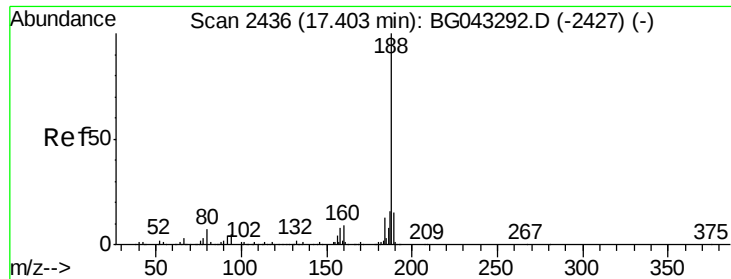


#50
 Dimethylphthalate
 Concen: 6.046 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043411.D
 Acq: 30 Oct 2019 21:50

Tgt Ion:163 Resp: 58261

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	9.6	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

Instrument :

BNA_G

ClientSampleId :

Z3-20A

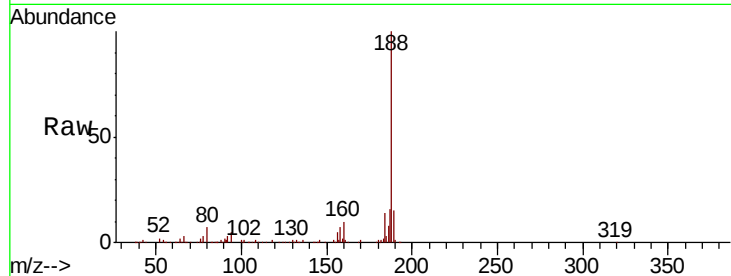
Tot Ion:188 Resp: 284175

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

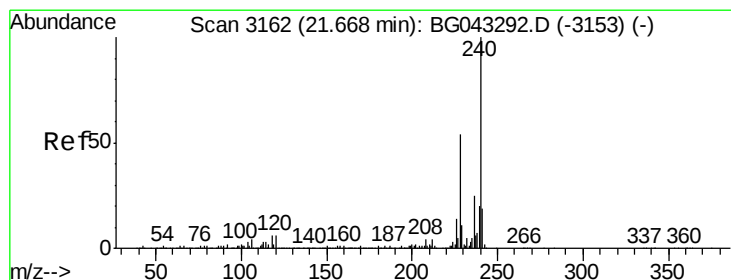
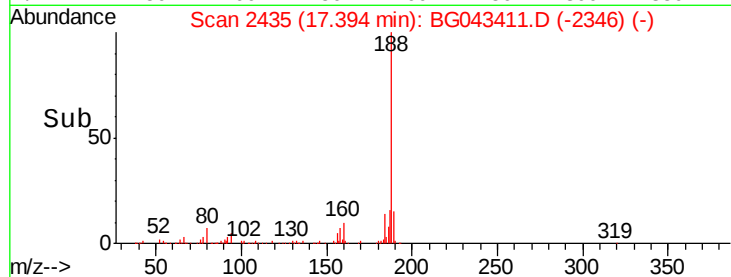
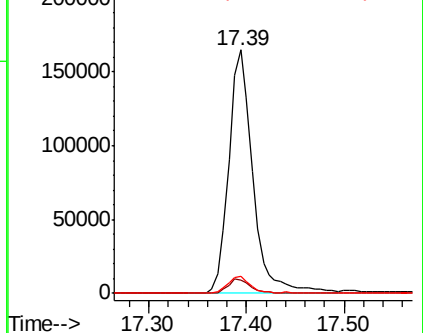
80 7.2 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043411.D

Acq: 30 Oct 2019 21:50

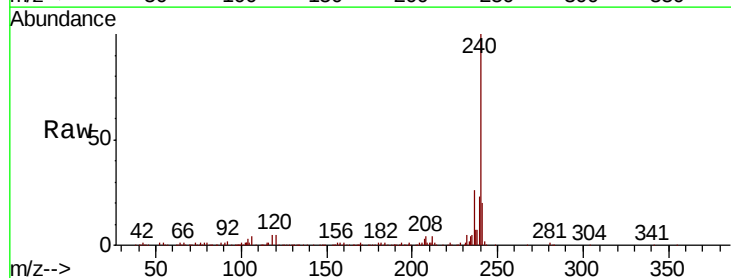
Tgt Ion:240 Resp: 316225

Ion Ratio Lower Upper

240 100

120 4.6 4.6 7.0#

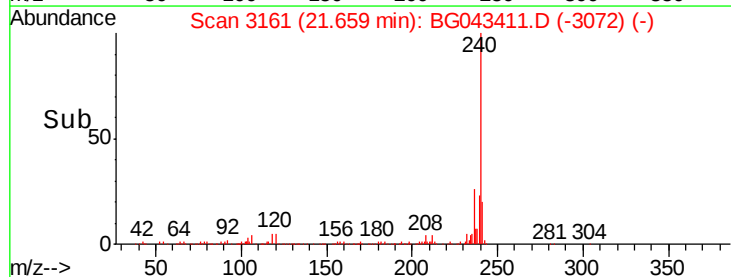
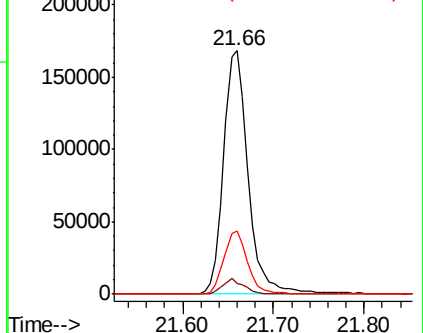
236 25.7 20.2 30.4

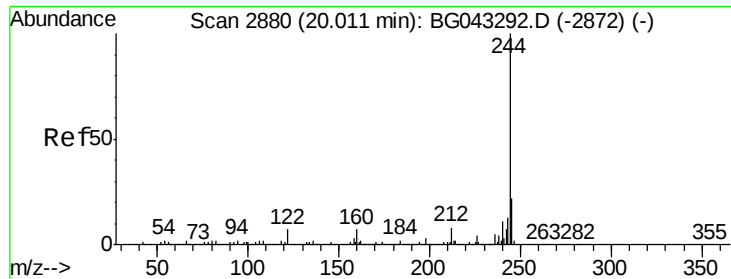


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



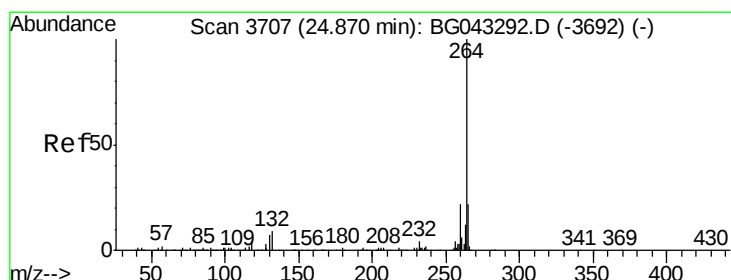
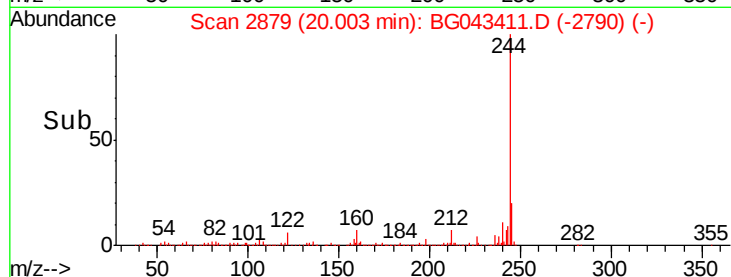
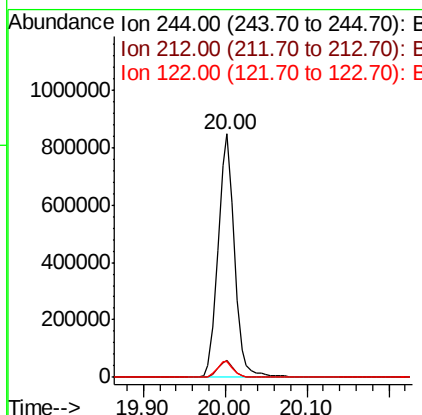
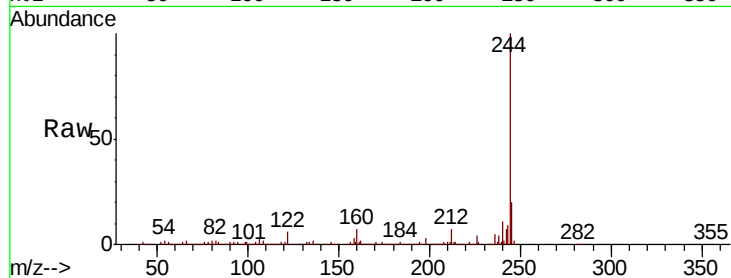


#79
 Terphenyl-d14
 Concen: 70.595 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043411.D
 Acq: 30 Oct 2019 21:50

Instrument :
 BNA_G
 ClientSampled :
 Z3-20A

Tot Ion:244 Resp: 1189938

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.5	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043411.D
 Acq: 30 Oct 2019 21:50

Tgt Ion:264 Resp: 366566

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.0	17.4	26.2

