

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040252.D
 Acq On : 30 Mar 2019 8:35
 Operator : JU/SJ
 Sample : K2124-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-1

Quant Time: Apr 01 02:20:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

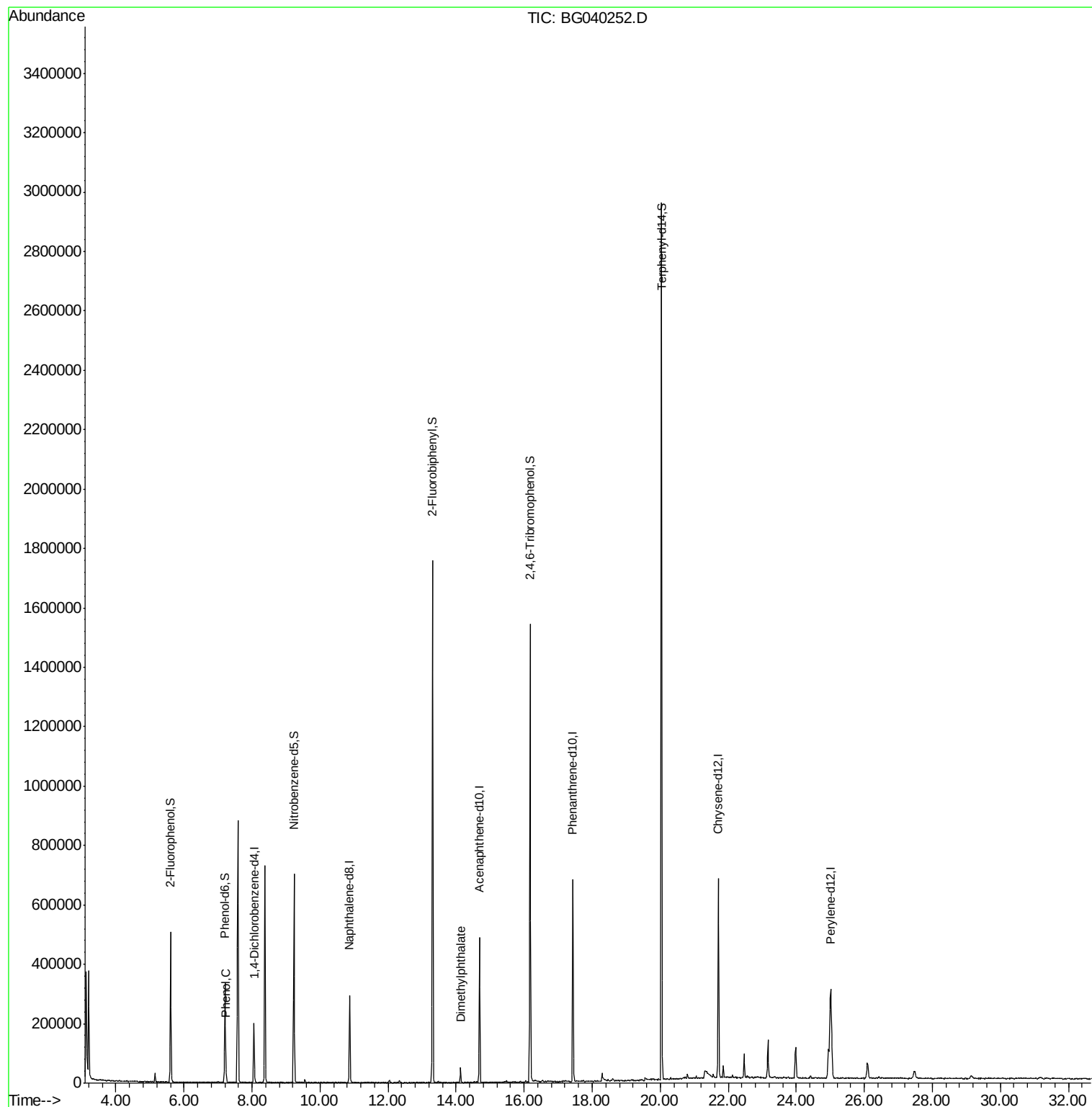
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56915	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	252428	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	170747	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	427207	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	425328	20.00	ng	-0.02
87) Perylene-d12	25.01	264	431745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	217935	63.66	ng	-0.01
7) Phenol-d6	7.21	99	198704	42.00	ng	-0.02
23) Nitrobenzene-d5	9.23	82	414006	87.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	278792	151.08	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	997195	86.54	ng	-0.01
79) Terphenyl-d14	20.04	244	1571462	83.12	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	19140	3.727	ng	Qvalue 97
50) Dimethylphthalate	14.13	163	36425	2.726	ng	# 98

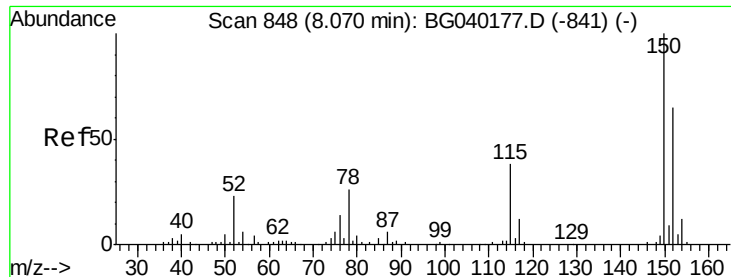
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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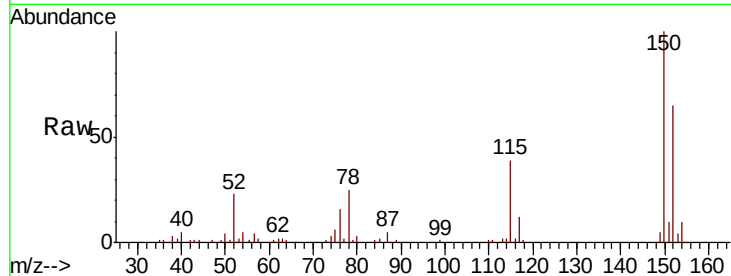


#1

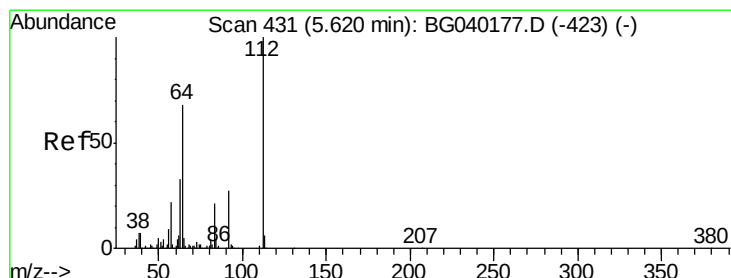
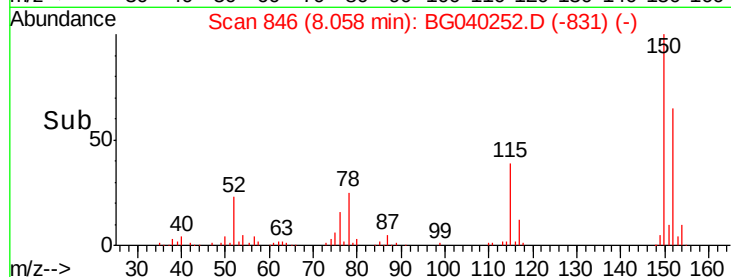
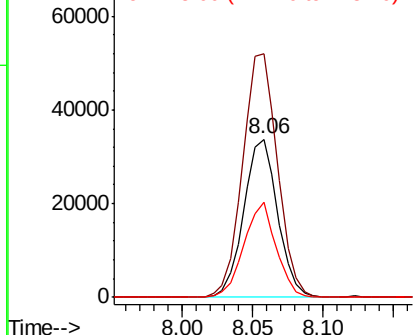
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

Tgt Ion:152 Resp: 56915
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 60.1 46.9 70.3



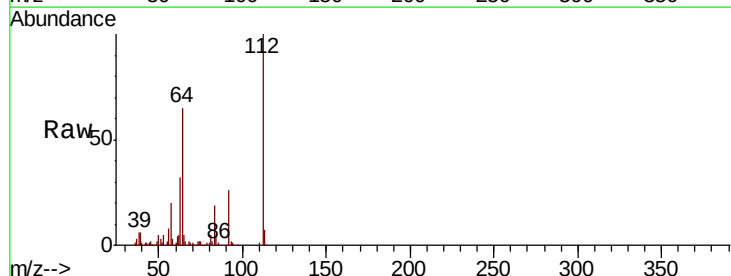
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



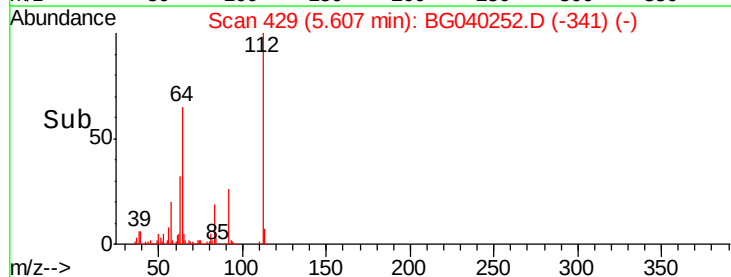
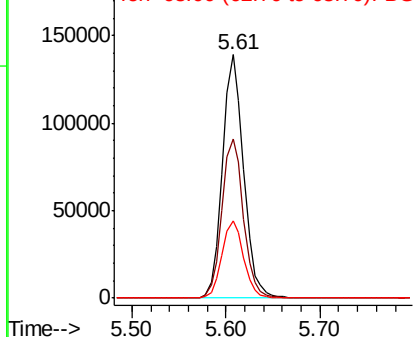
#5

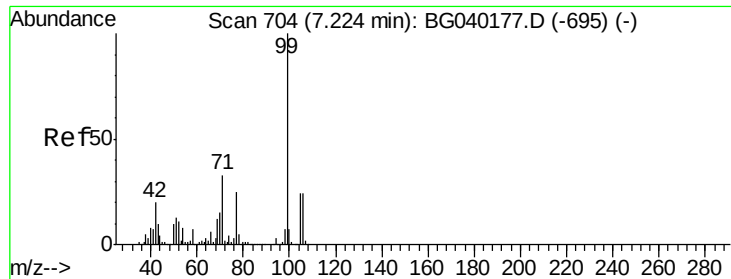
2-Fluorophenol
Concen: 63.656 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Tgt Ion:112 Resp: 217935
Ion Ratio Lower Upper
112 100
64 65.3 54.2 81.2
63 31.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.996 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

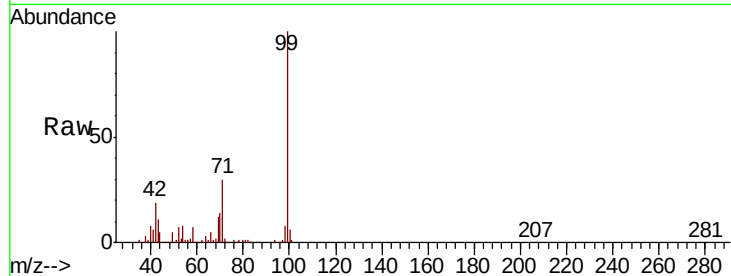
Tgt Ion: 99 Resp: 198704

Ion Ratio Lower Upper

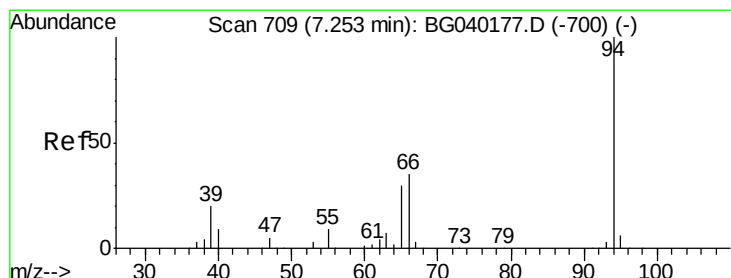
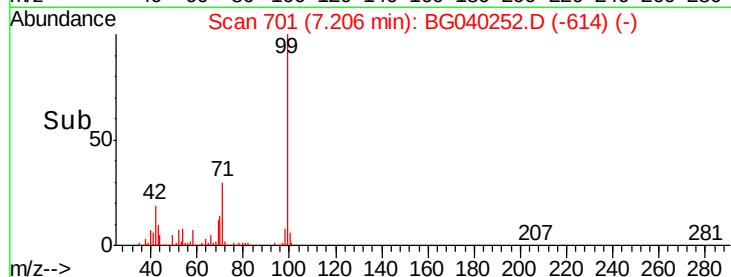
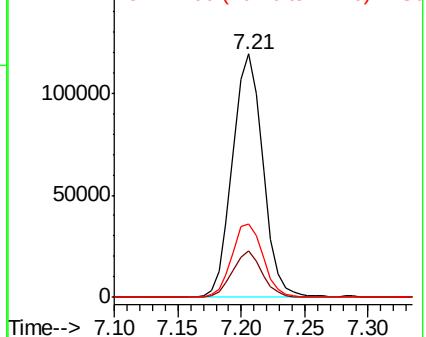
99 100

42 19.0 16.2 24.2

71 30.3 26.8 40.2



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: 3.727 ng

RT: 7.23 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

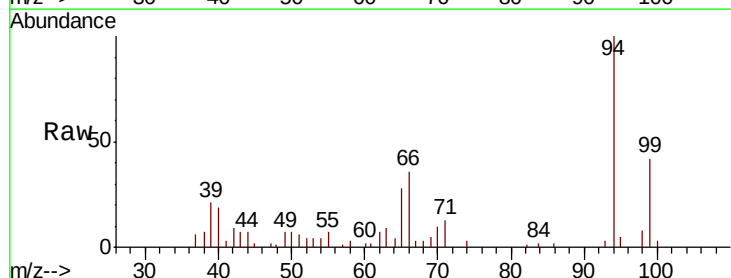
Tgt Ion: 94 Resp: 19140

Ion Ratio Lower Upper

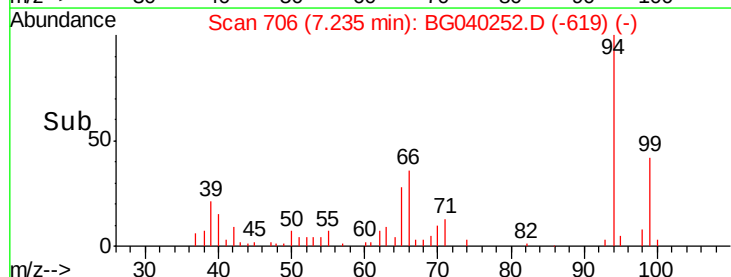
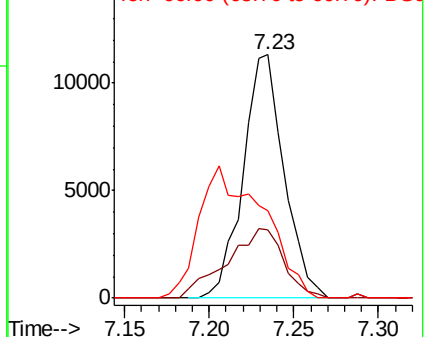
94 100

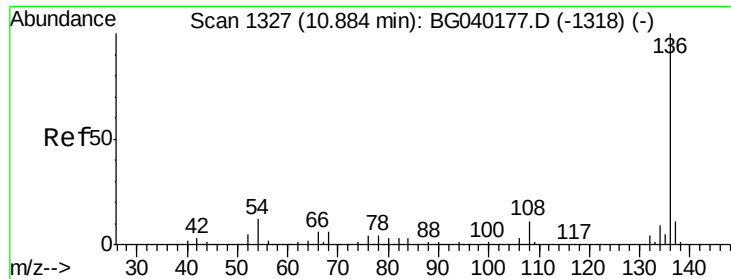
65 28.0 10.5 50.5

66 36.1 16.9 56.9



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

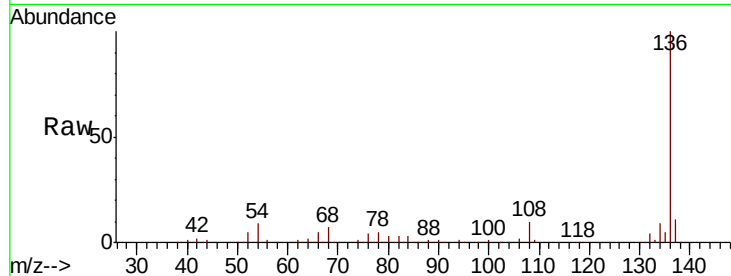




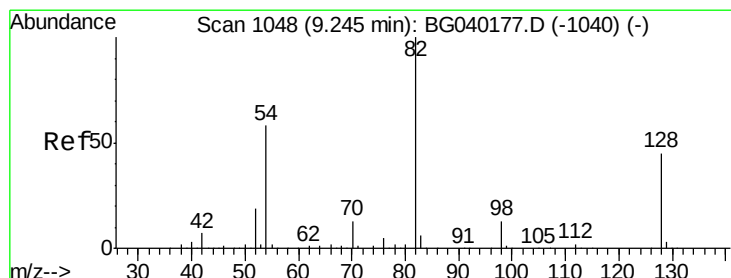
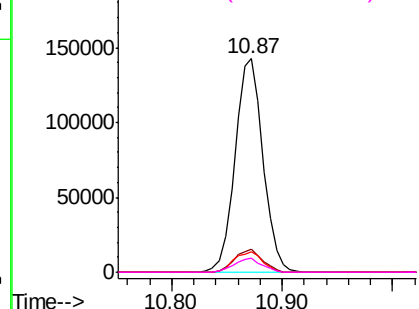
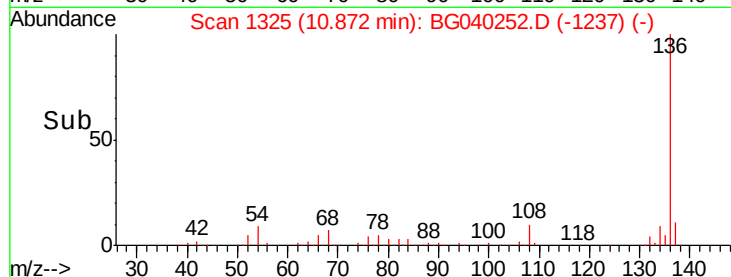
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

Tgt Ion: 136 Resp: 252428
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.5 9.6 14.4#
68 6.8 5.1 7.7

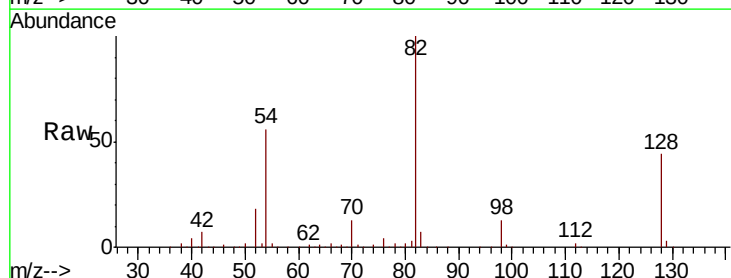


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

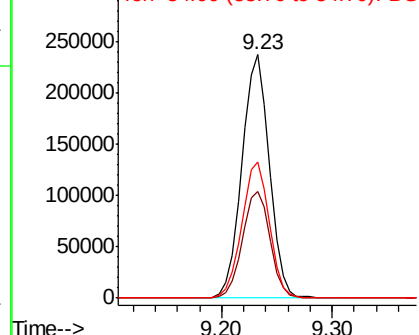
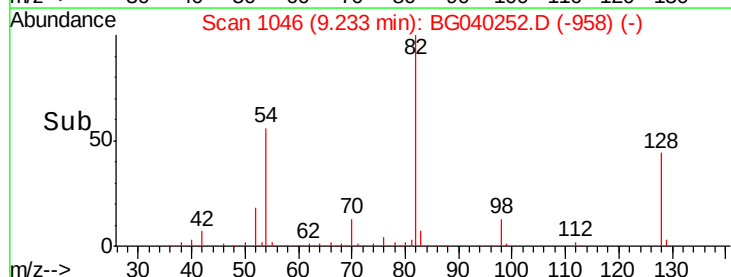


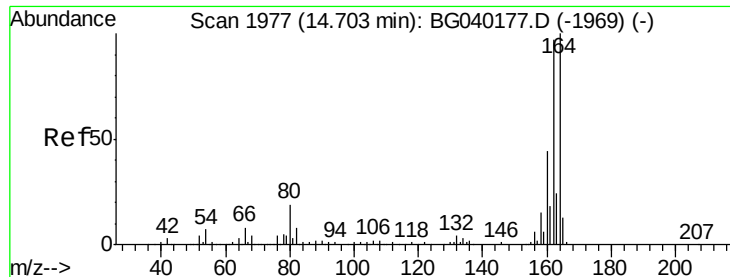
#23
Nitrobenzene-d5
Concen: 87.177 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Tgt Ion: 82 Resp: 414006
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.8
54 56.0 46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

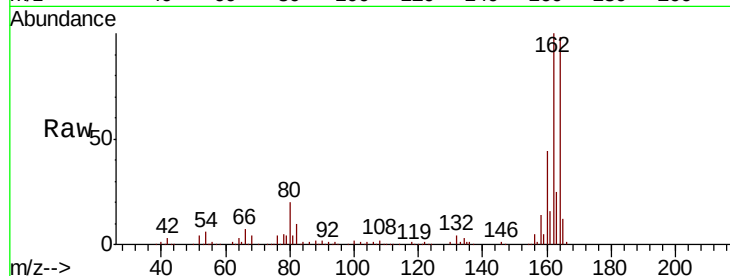
Tgt Ion:164 Resp: 170747

Ion Ratio Lower Upper

164 100

162 102.5 77.4 116.2

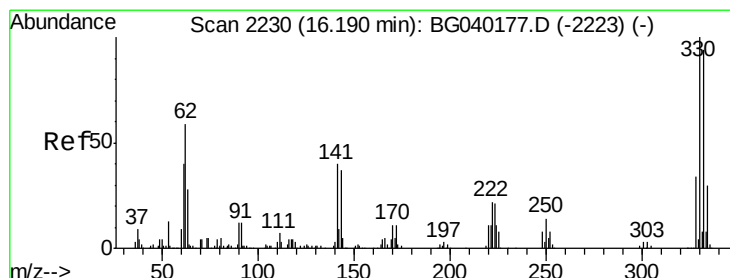
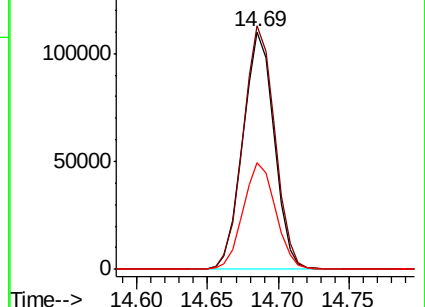
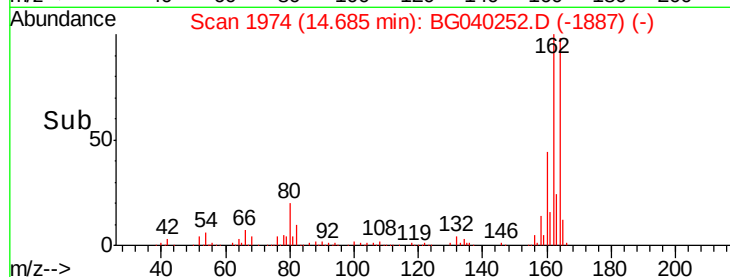
160 44.7 35.3 52.9



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: 151.080 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

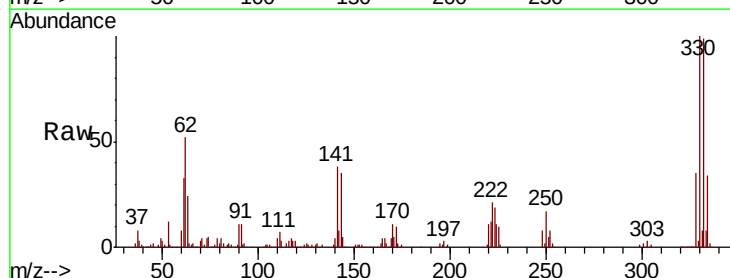
Tgt Ion:330 Resp: 278792

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

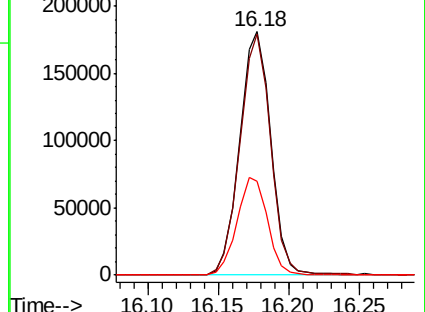
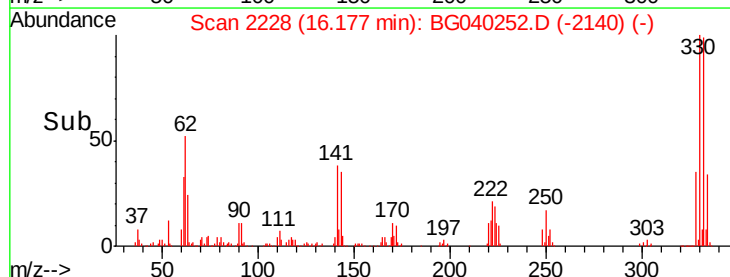
141 39.4 32.6 48.8

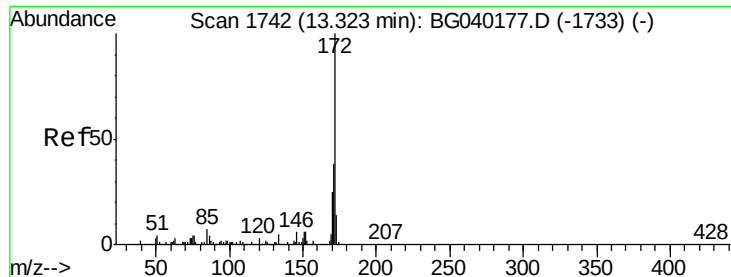


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

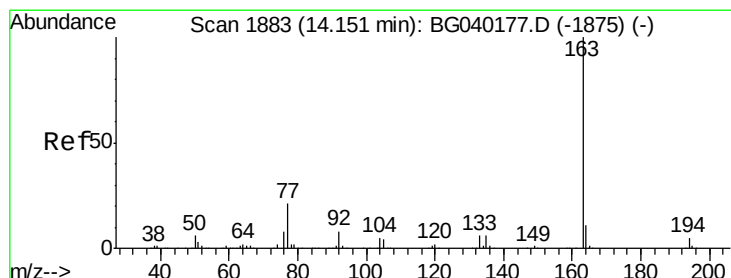
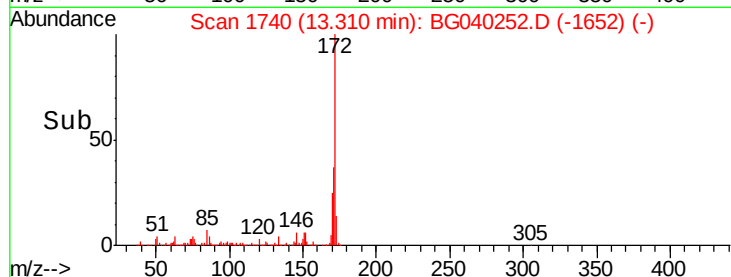
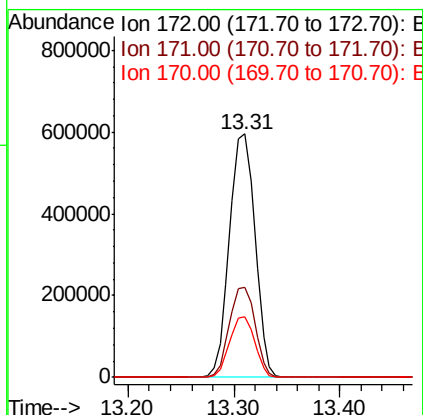
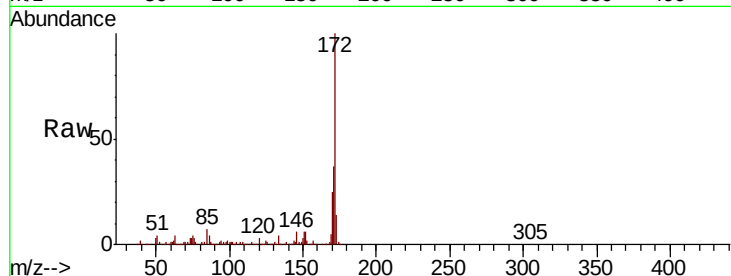




#45
2-Fluorobiphenyl
Concen: 86.538 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

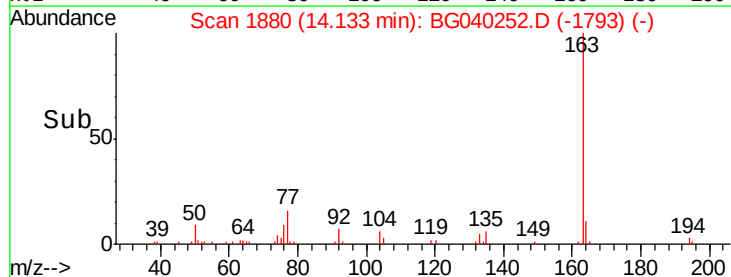
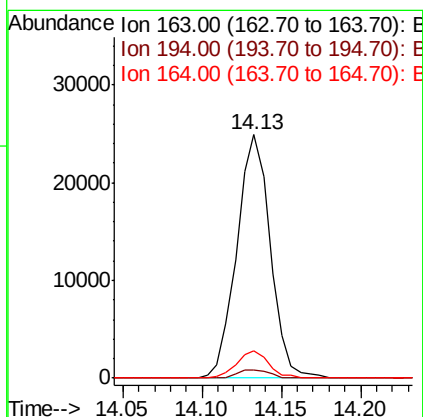
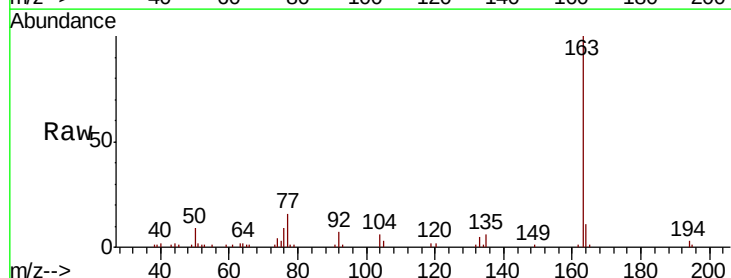
Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

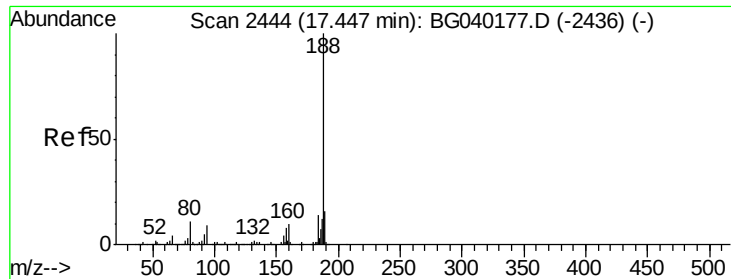
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.7	20.1	30.1



#50
Dimethylphthalate
Concen: 2.726 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040252.D
Acq: 30 Mar 2019 8:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.1	6.1#
164	11.0	8.6	13.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

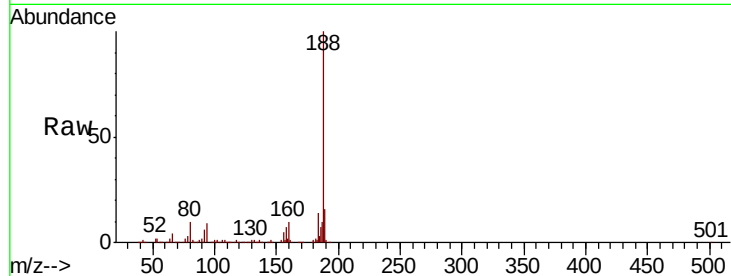
Tgt Ion:188 Resp: 427207

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

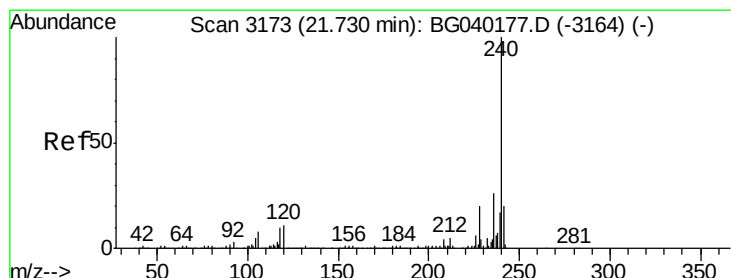
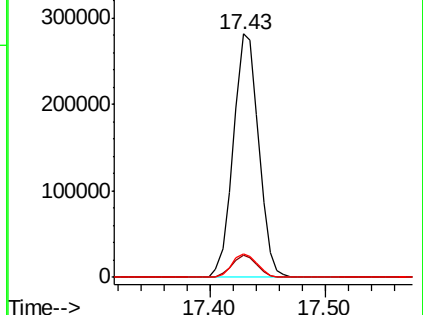
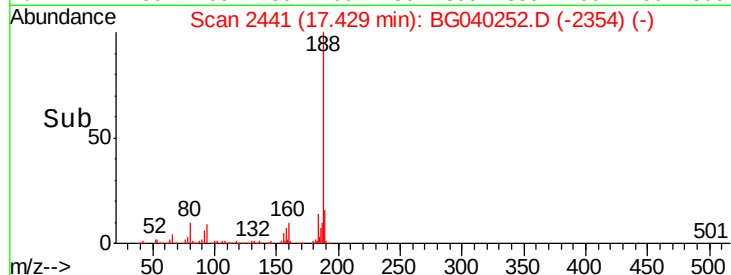
80 9.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

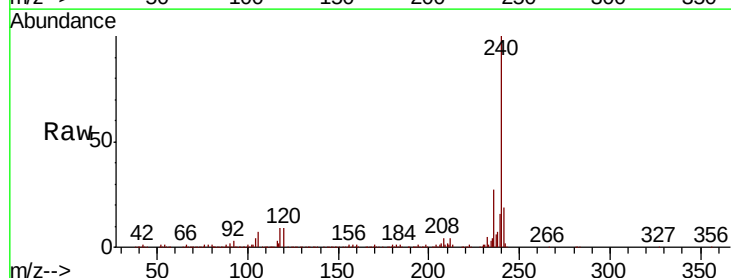
Tgt Ion:240 Resp: 425328

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

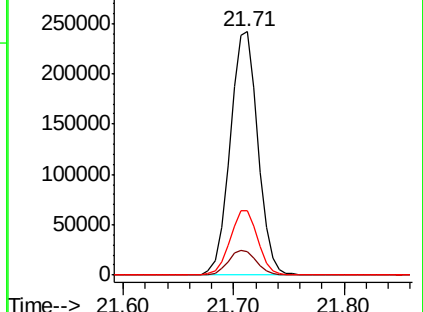
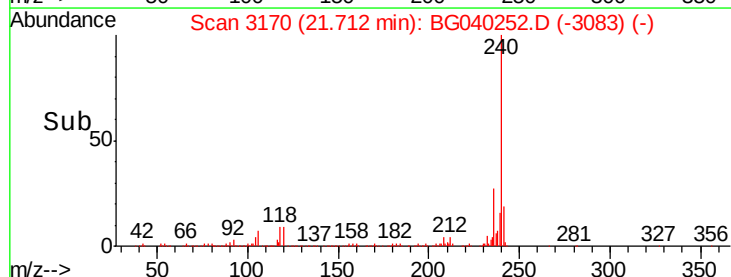
236 26.6 20.8 31.2

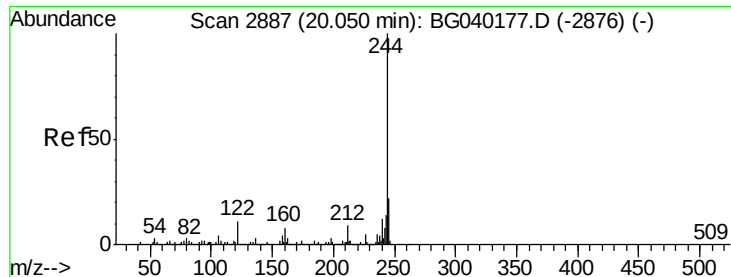


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.118 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-1

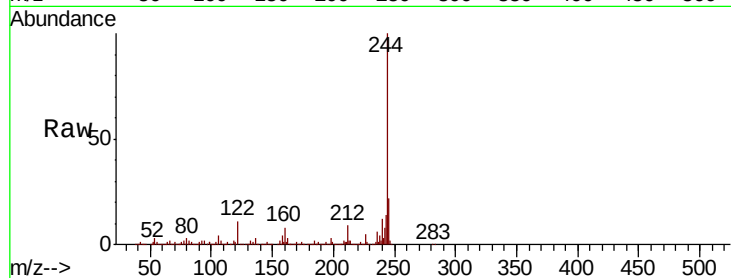
Tgt Ion:244 Resp: 1571462

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

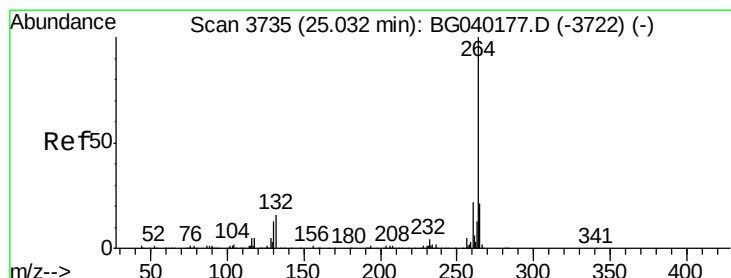
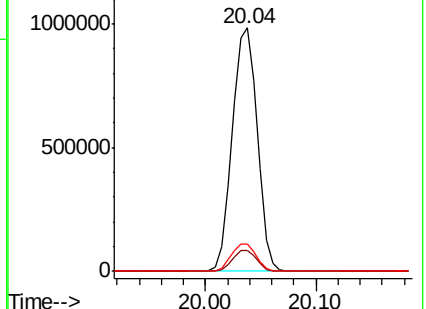
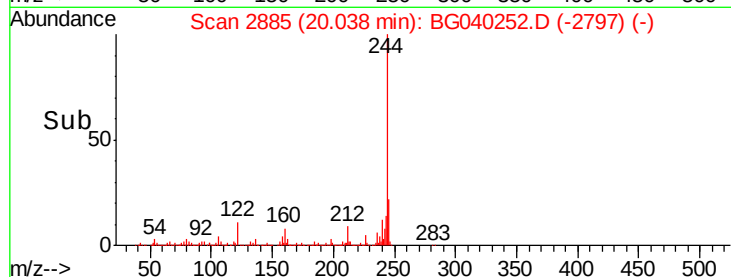
122 11.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040252.D

Acq: 30 Mar 2019 8:35

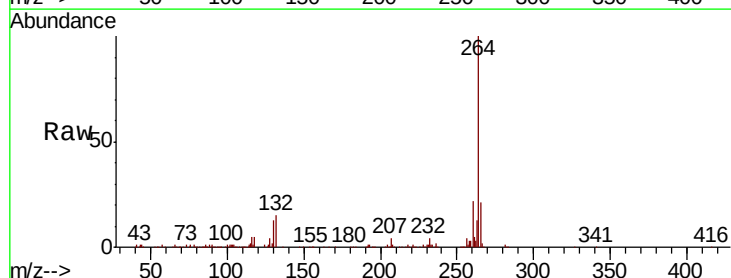
Tgt Ion:264 Resp: 431745

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

265 21.5 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

