

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039777.D
 Acq On : 5 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K1704-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Quant Time: Mar 06 01:15:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

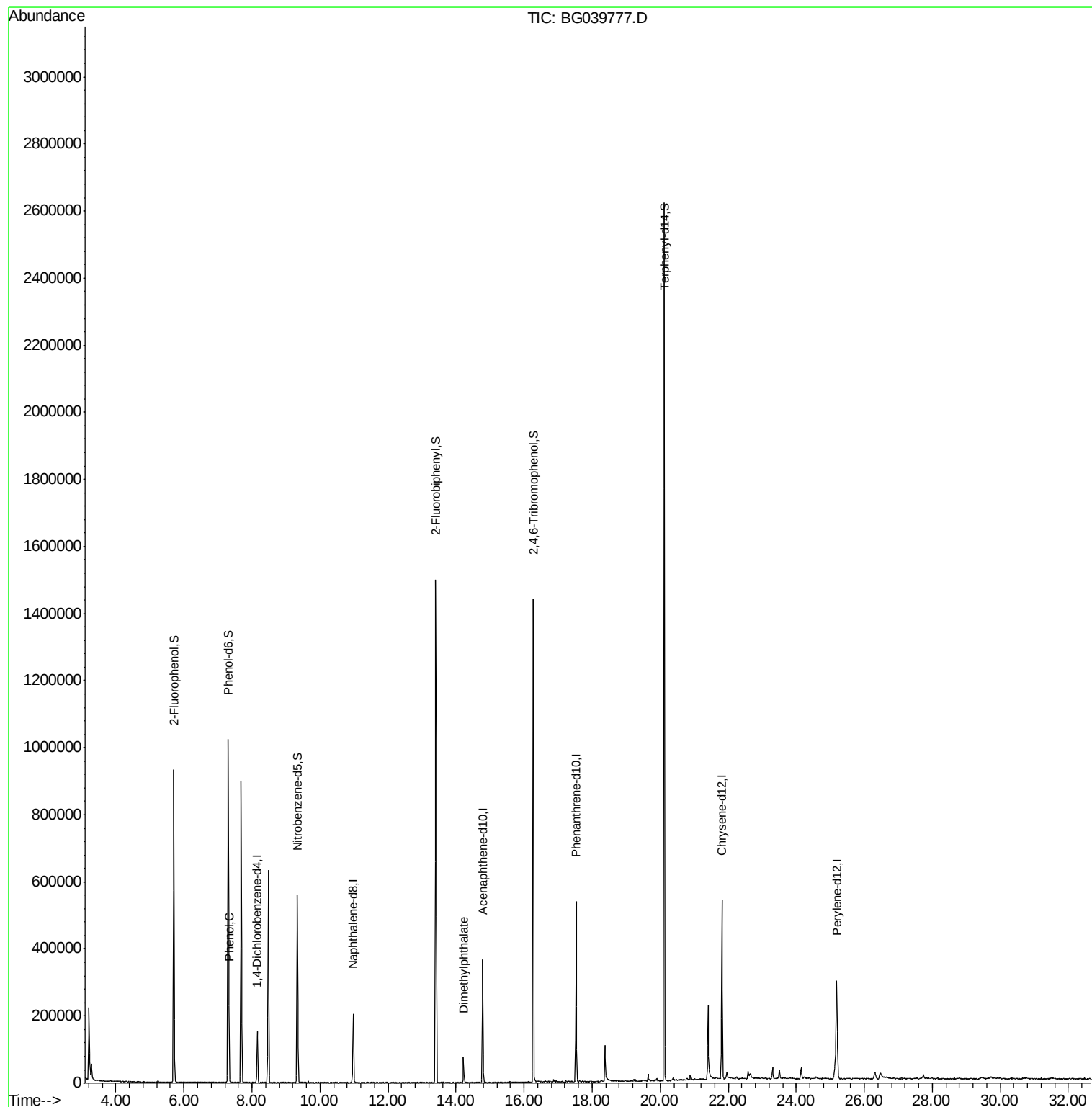
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41862	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	179362	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128668	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	319716	20.00	ng	0.00
76) Chrysene-d12	21.82	240	317801	20.00	ng	-0.01
87) Perylene-d12	25.19	264	322451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	389367	158.68	ng	0.00
7) Phenol-d6	7.31	99	584413	159.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	341866	103.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	242699	161.83	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	817278	90.44	ng	0.00
79) Terphenyl-d14	20.12	244	1247568	86.43	ng	0.00
Target Compounds						
10) Phenol	7.33	94	11647	2.938	ng	81
50) Dimethylphthalate	14.23	163	54670	5.081	ng	96

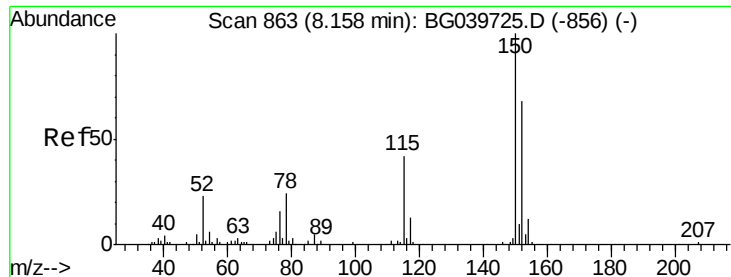
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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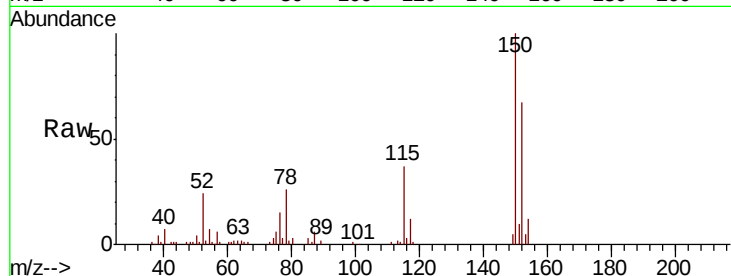


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.7	185.5
115	54.6	45.9	68.9

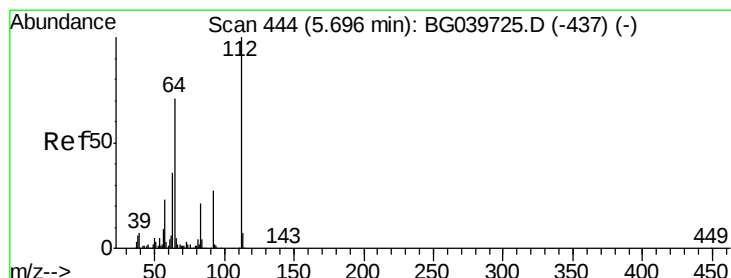
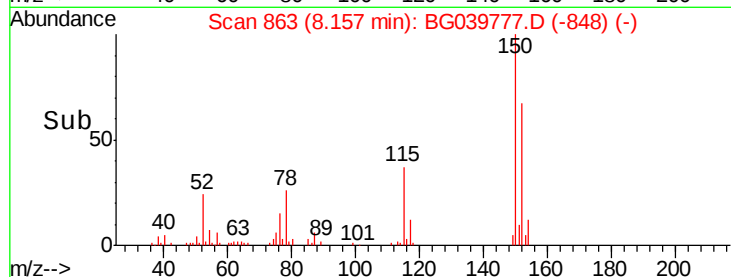
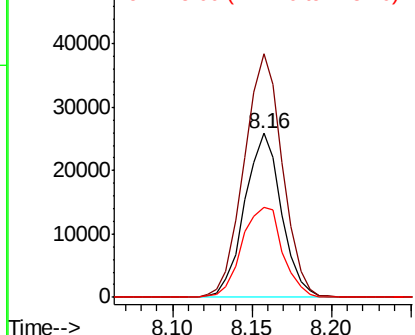


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

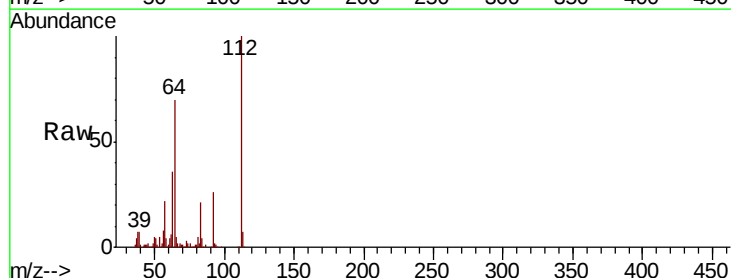
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.679 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	35.8	29.8	44.6

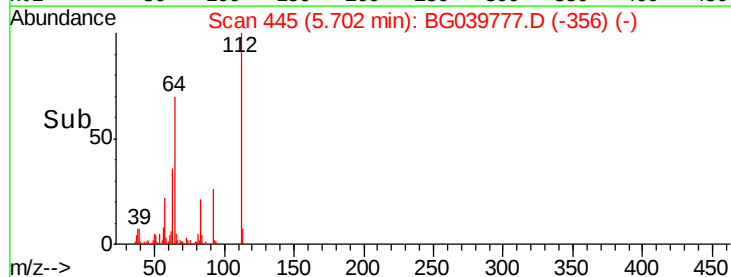
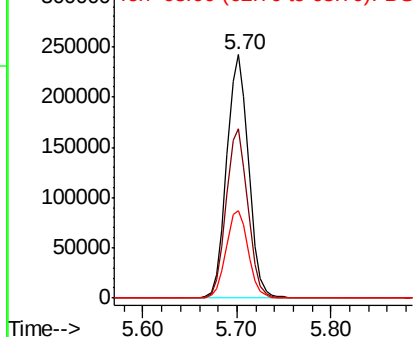


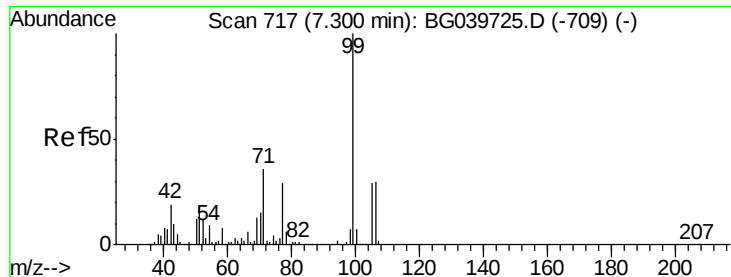
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 159.730 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

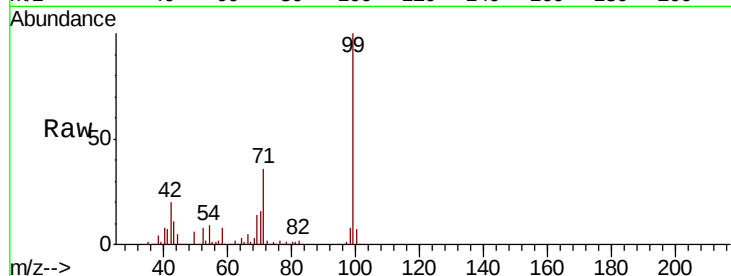
Tot Ion: 99 Resp: 584413

Ion Ratio Lower Upper

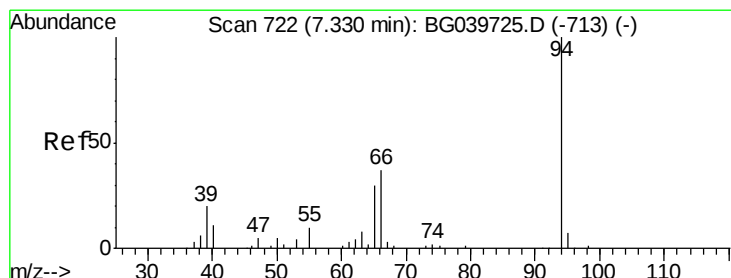
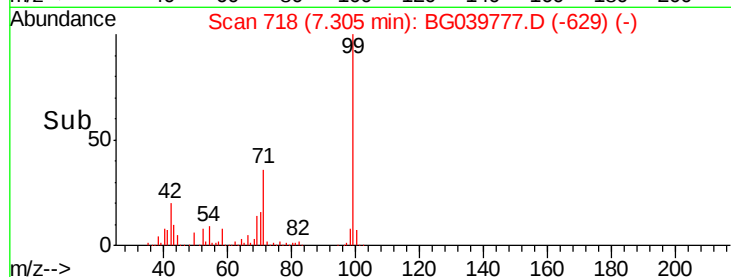
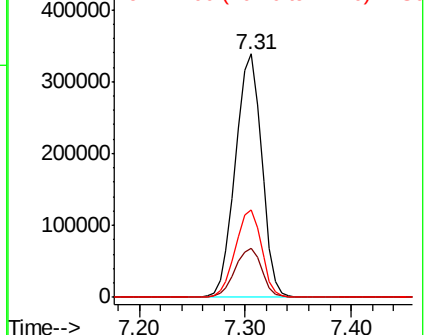
99 100

42 20.0 18.2 27.2

71 36.2 28.0 42.0



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: 2.938 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

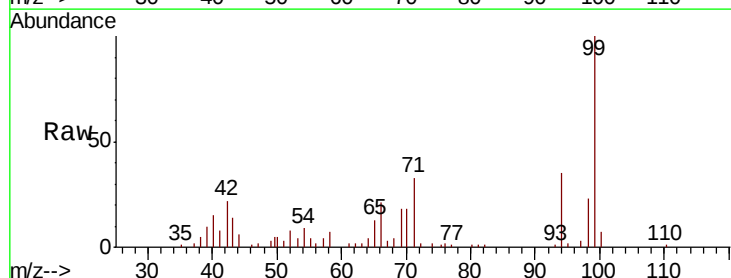
Tgt Ion: 94 Resp: 11647

Ion Ratio Lower Upper

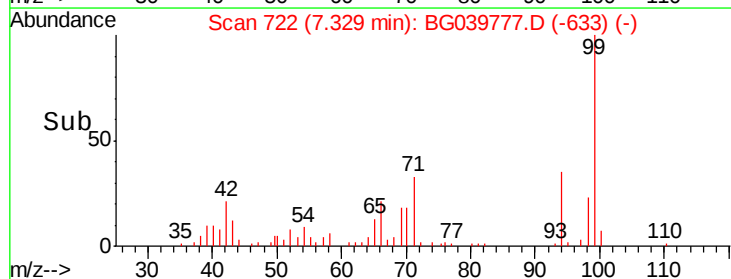
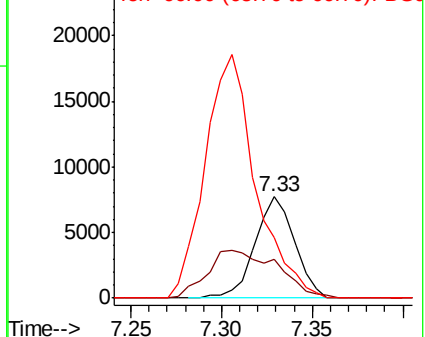
94 100

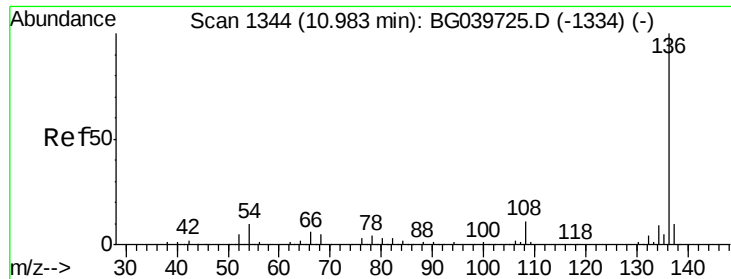
65 38.3 11.7 51.7

66 59.8 23.7 63.7



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

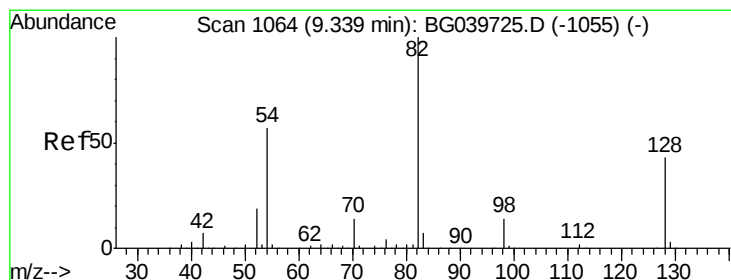
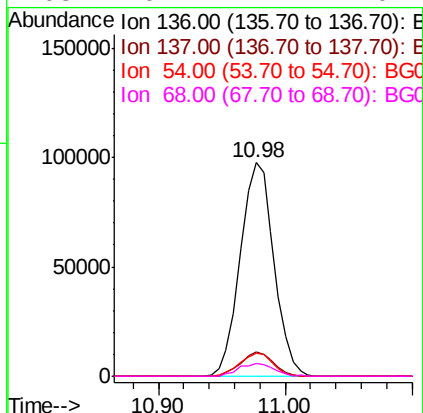
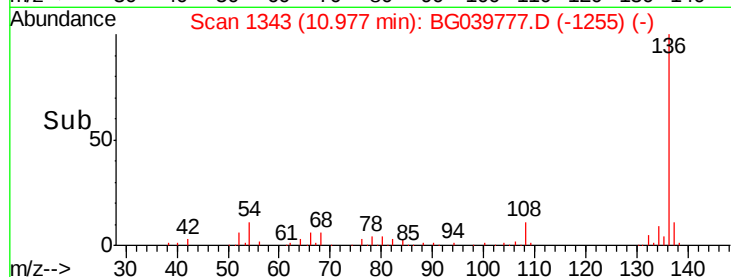
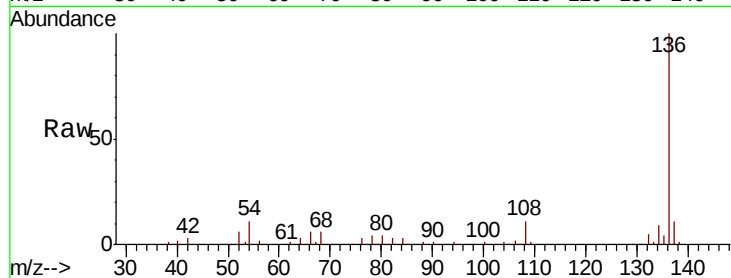




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

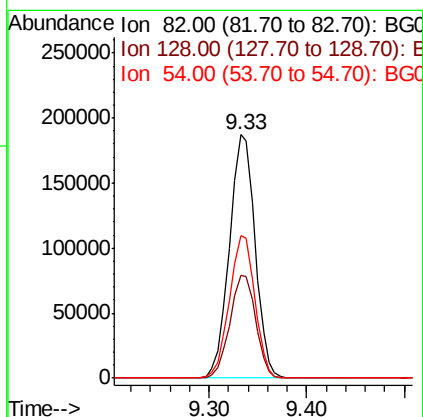
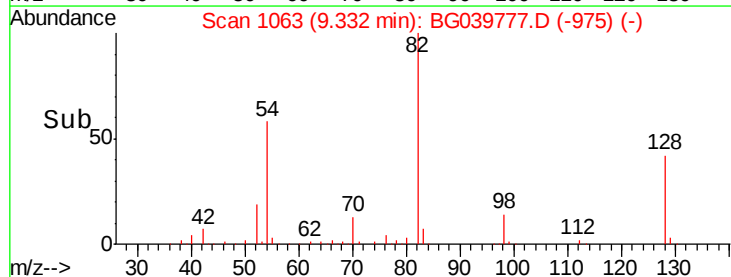
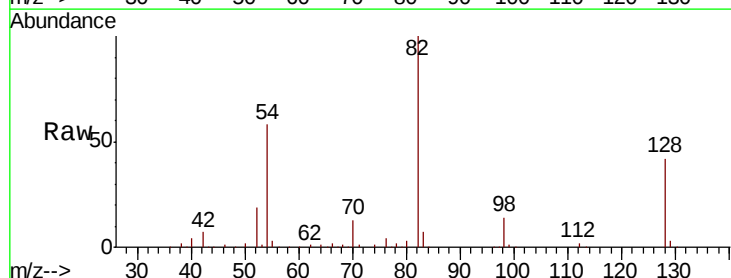
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

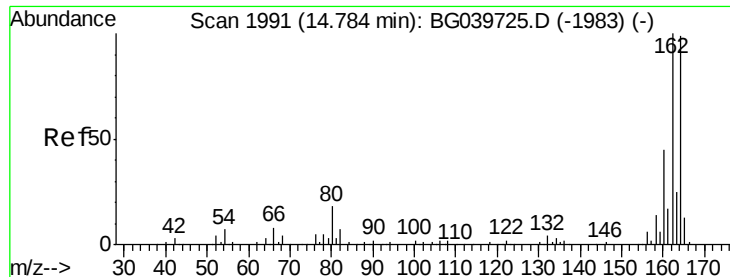
Tot Ion:136	Resp:	179362
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	10.8	9.4 14.2
68	6.2	4.2 6.4



#23
Nitrobenzene-d5
Concen: 103.085 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 82	Resp:	341866
Ion	Ratio	Lower Upper
82	100	
128	42.5	31.3 46.9
54	58.3	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

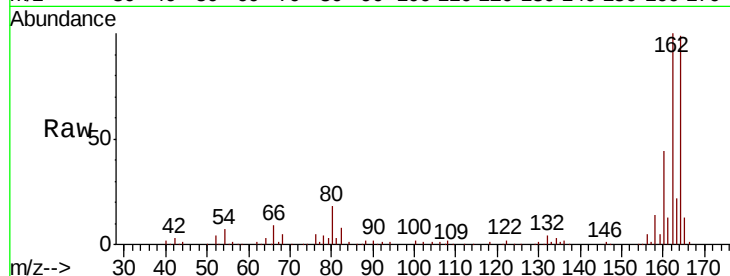
Tot Ion:164 Resp: 128668

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

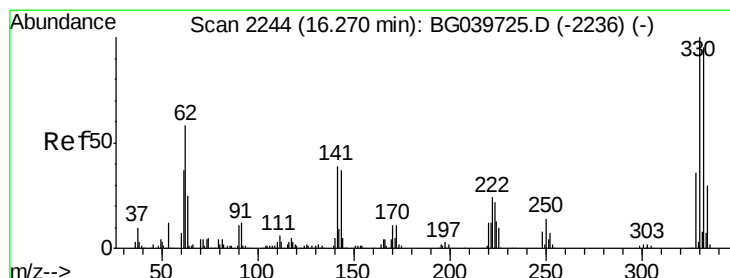
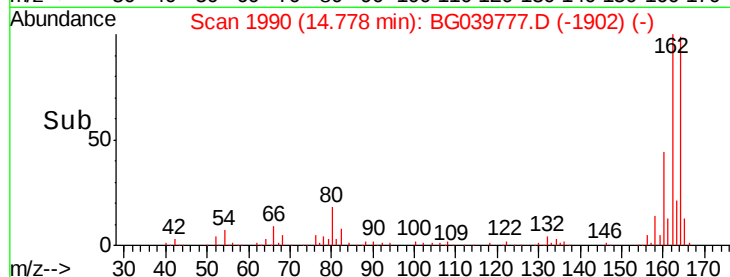
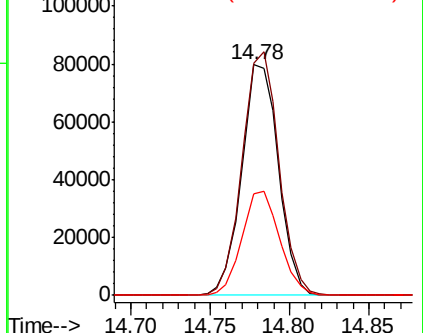
160 44.0 34.2 51.2



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: 161.829 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

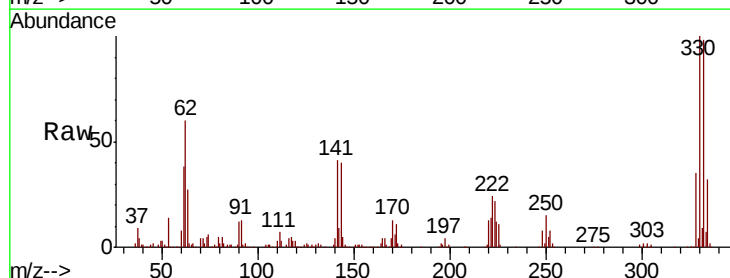
Tgt Ion:330 Resp: 242699

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

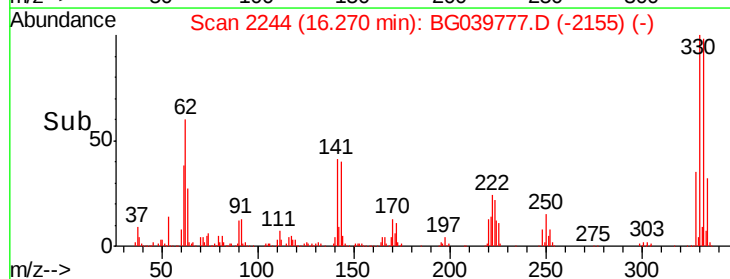
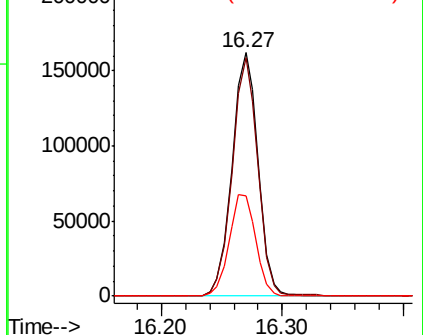
141 42.6 35.6 53.4

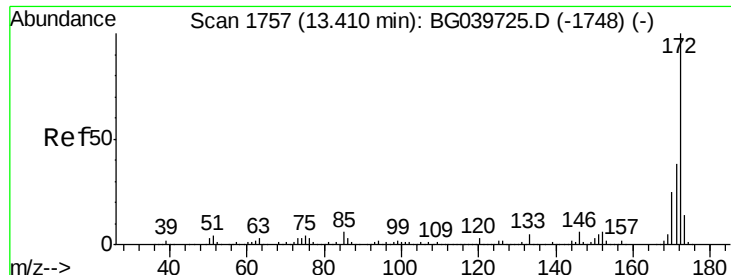


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



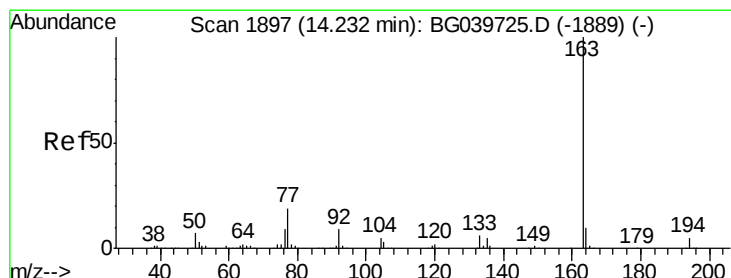
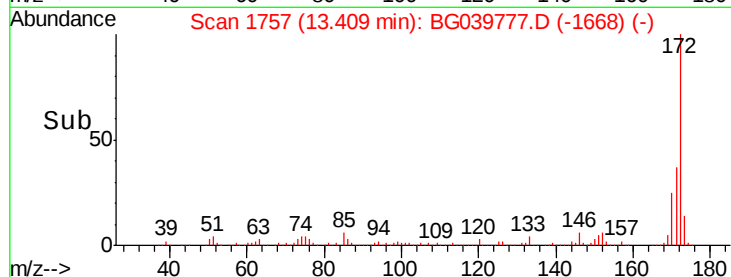
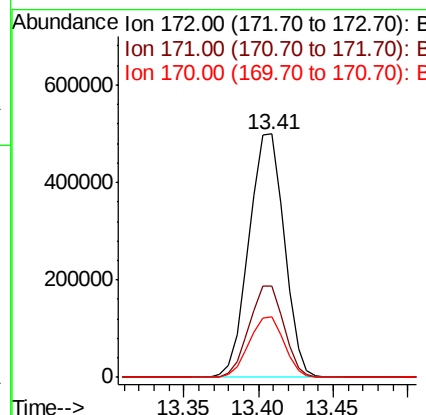
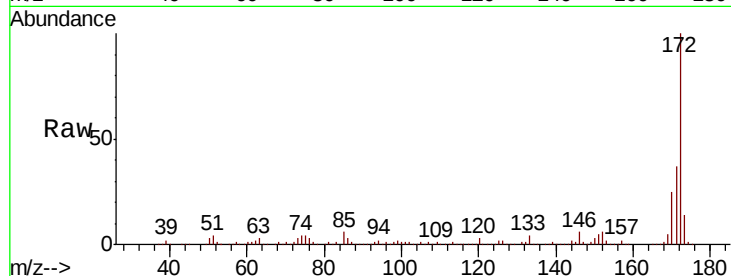


#45
 2-Fluorobiphenyl
 Concen: 90.439 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719

Tot Ion:172 Resp: 817278

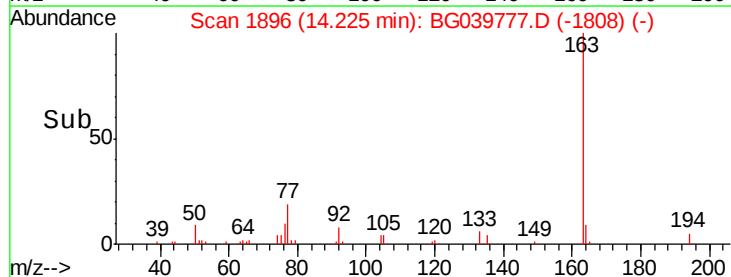
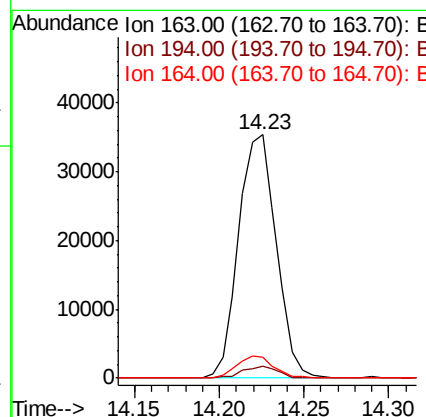
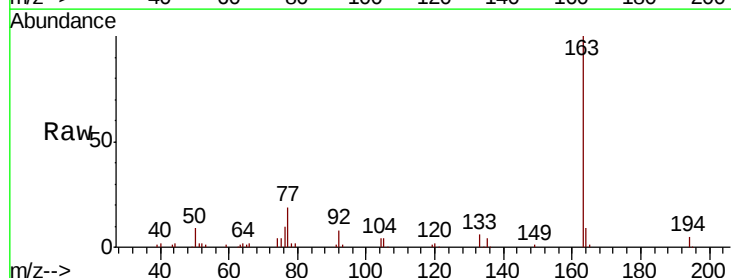
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4

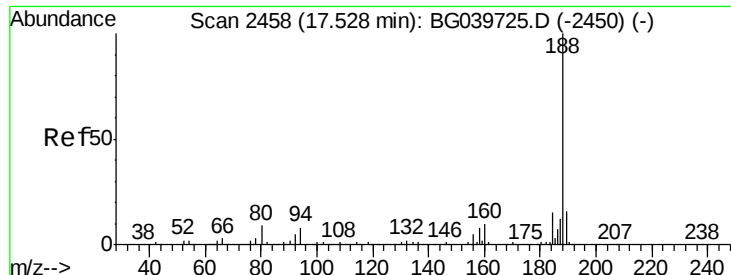


#50
 Dimethylphthalate
 Concen: 5.081 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG039777.D
 Acq: 5 Mar 2019 23:24

Tgt Ion:163 Resp: 54670

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	8.6	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

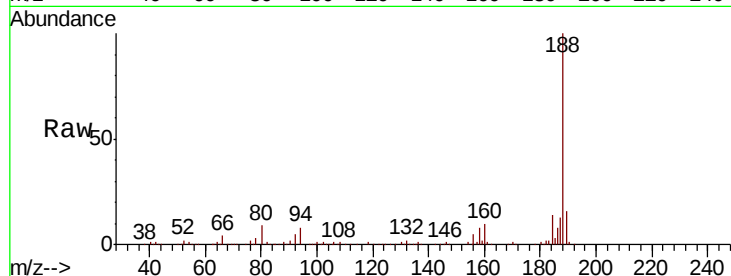
Tot Ion:188 Resp: 319716

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

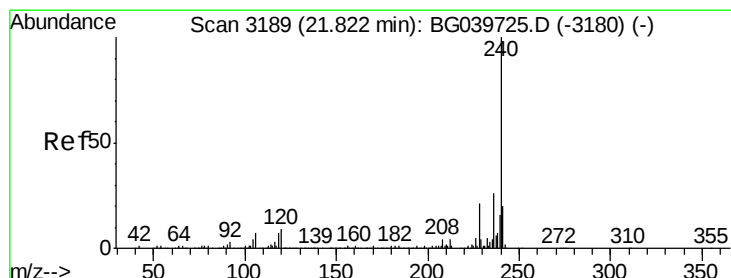
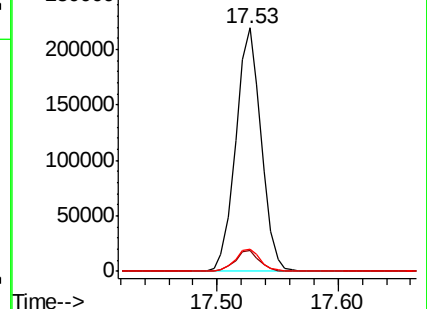
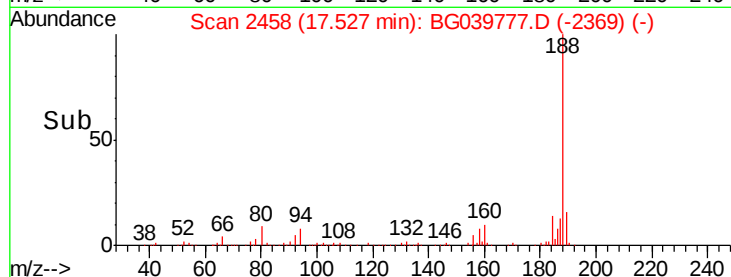
80 9.3 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

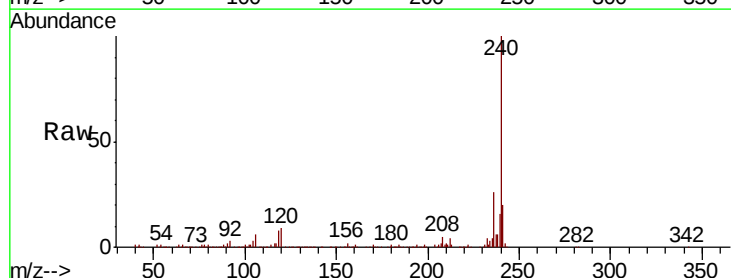
Tgt Ion:240 Resp: 317801

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

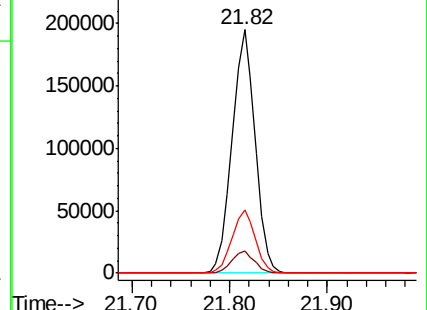
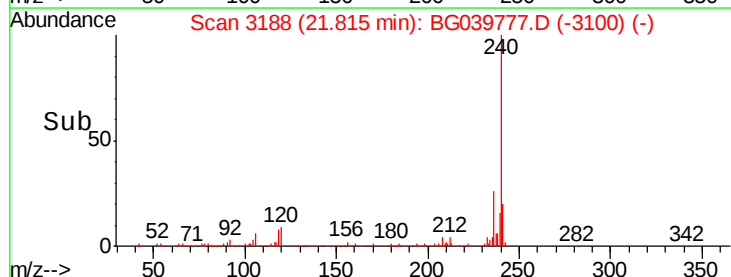
236 25.9 21.0 31.4

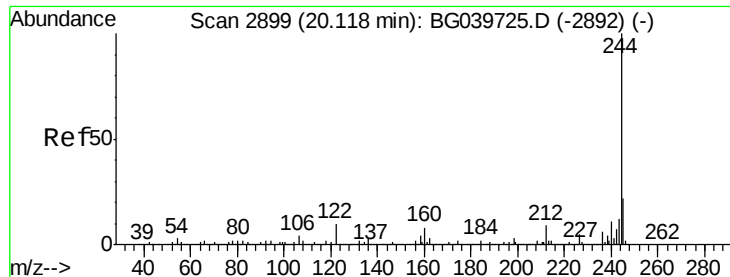


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.435 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719

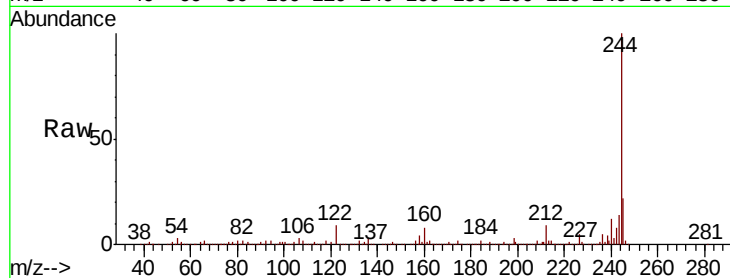
Tot Ion:244 Resp: 1247568

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

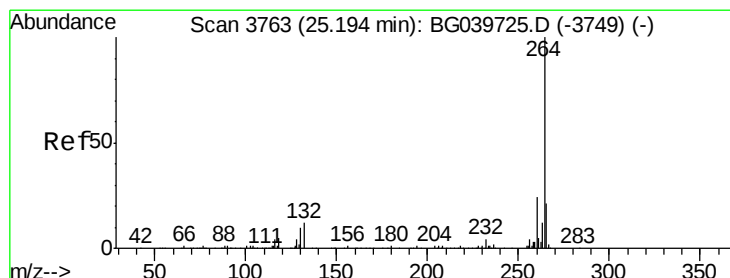
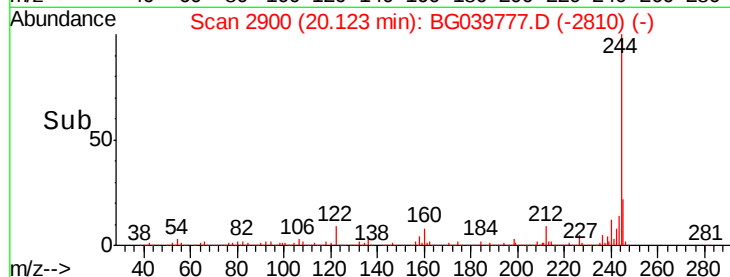
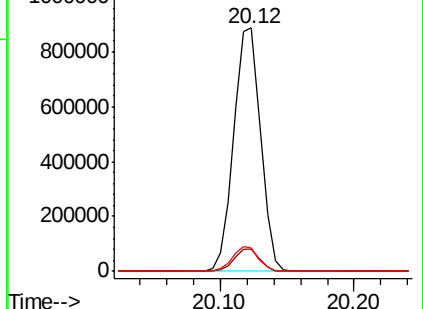
122 9.4 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039777.D

Acq: 5 Mar 2019 23:24

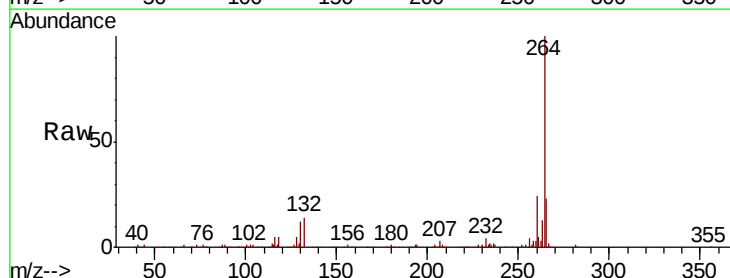
Tgt Ion:264 Resp: 322451

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 22.7 18.5 27.7



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

