

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038720.D
 Acq On : 19 Dec 2018 9:09
 Operator : JU/SJ
 Sample : J6398-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-02_121218

Quant Time: Dec 19 10:26:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

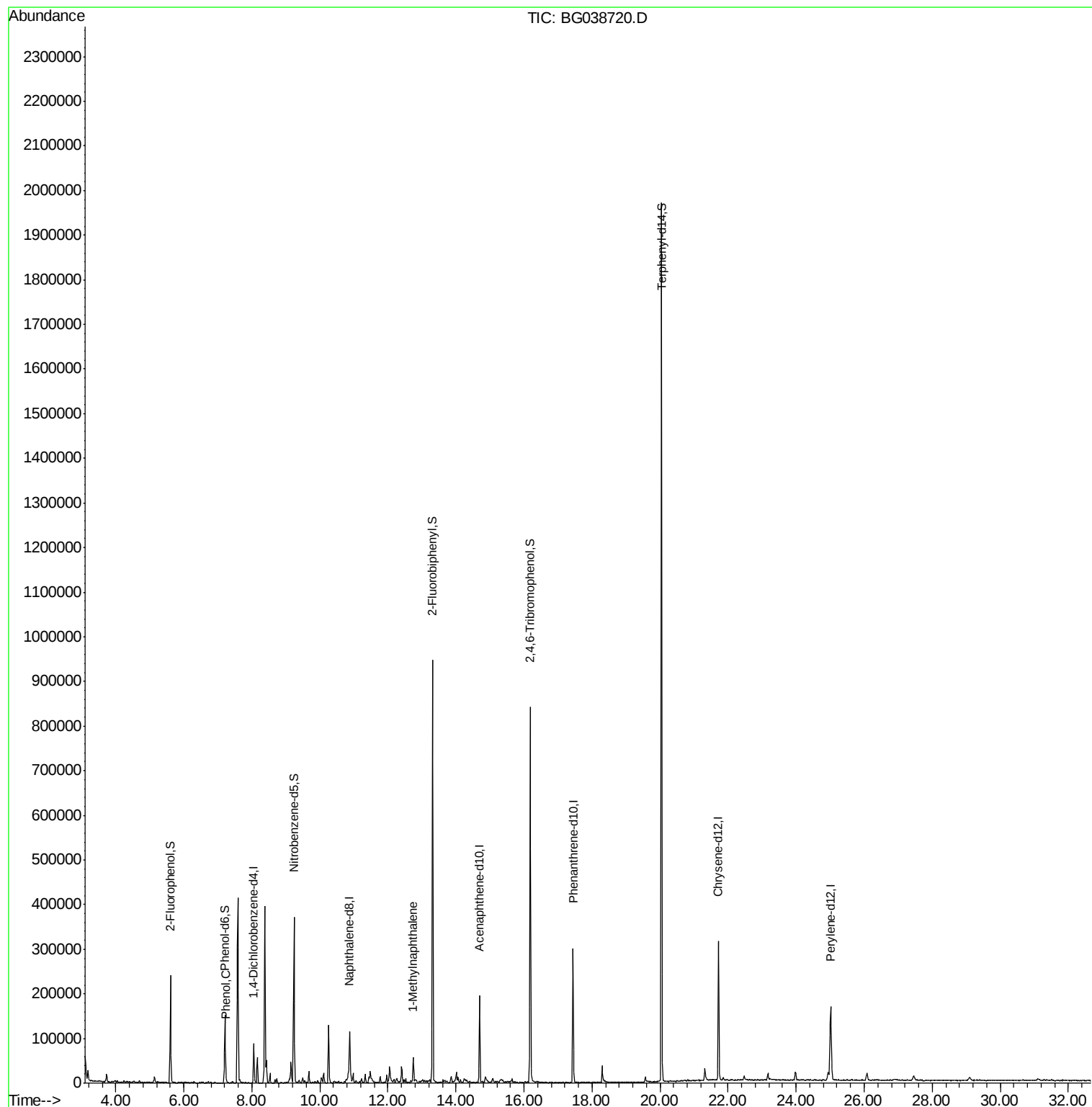
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24816	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97771	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	71110	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187051	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197678	20.00	ng	0.00
87) Perylene-d12	25.02	264	211493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	101758	72.73	ng	0.00
7) Phenol-d6	7.21	99	88657	46.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	194117	101.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	174109	177.66	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	500505	96.56	ng	0.00
79) Terphenyl-d14	20.04	244	973303	107.16	ng	0.00
Target Compounds						
10) Phenol	7.23	94	4535	2.222	ng	91
38) 1-Methylnaphthalene	12.74	142	24143	7.240	ng	# 94

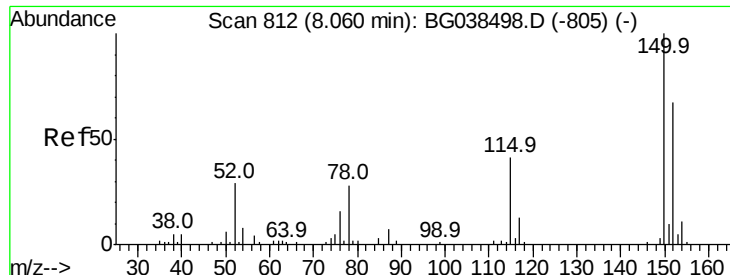
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

PR-MW-02_121218

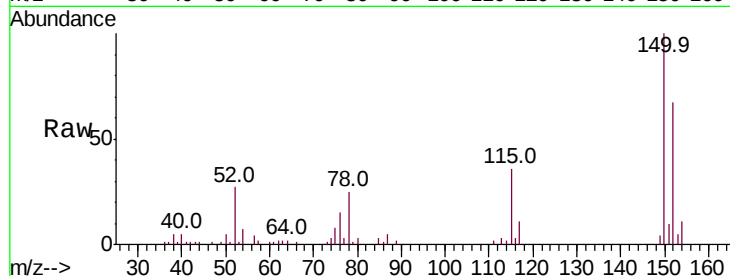
Tot Ion:152 Resp: 24816

Ion Ratio Lower Upper

152 100

150 148.7 119.5 179.3

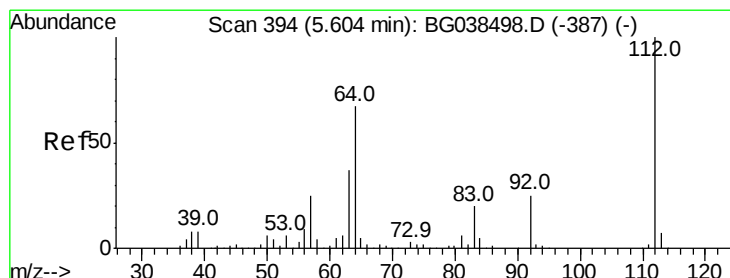
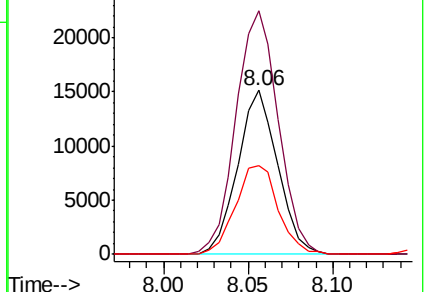
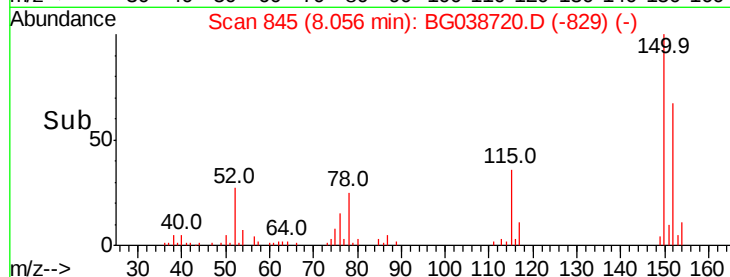
115 54.0 49.6 74.4



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: 72.729 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

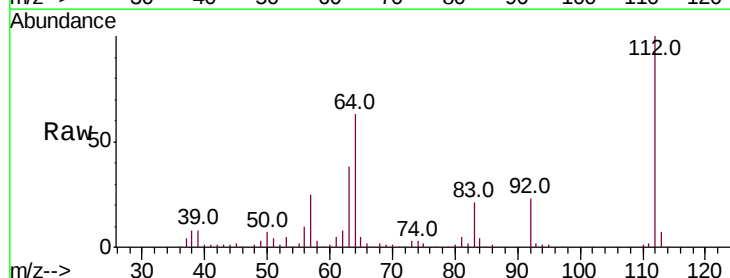
Tgt Ion:112 Resp: 101758

Ion Ratio Lower Upper

112 100

64 62.5 53.4 80.2

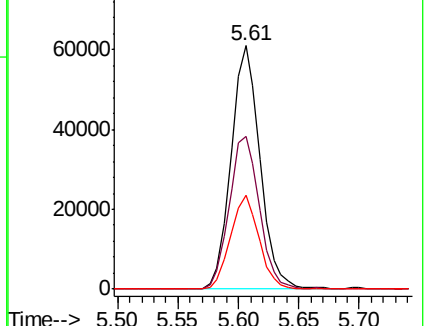
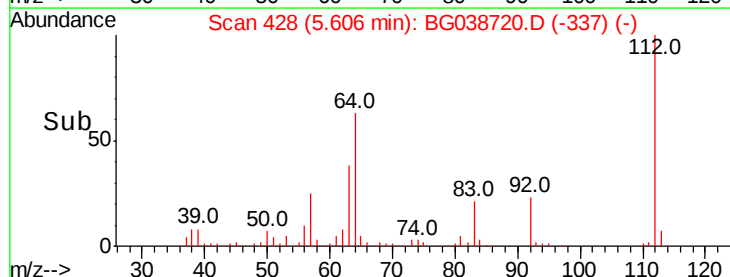
63 38.4 29.3 43.9

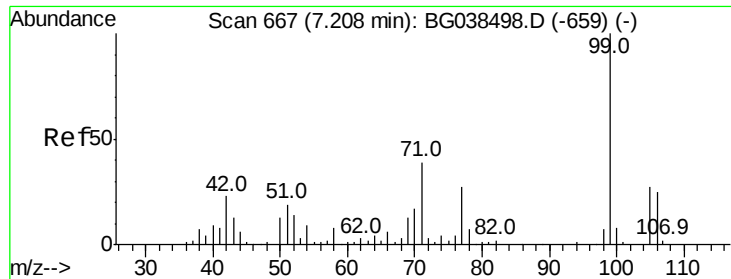


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 46.157 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

PR-MW-02_121218

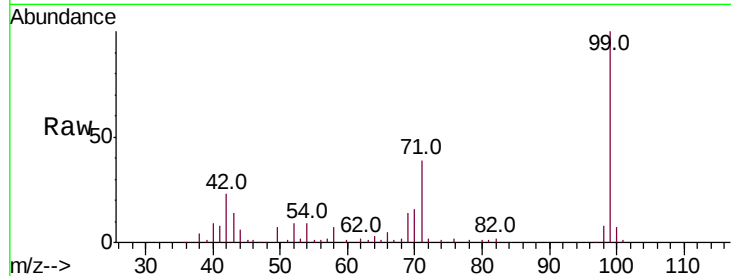
Tot Ion: 99 Resp: 88657

Ion Ratio Lower Upper

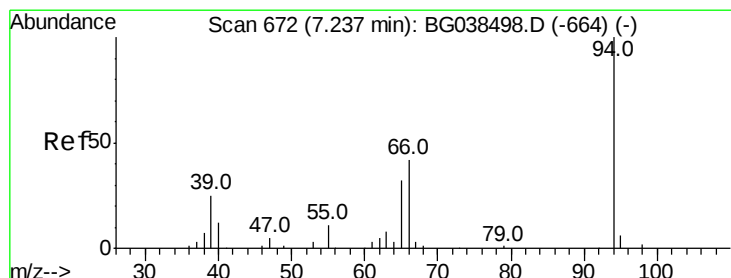
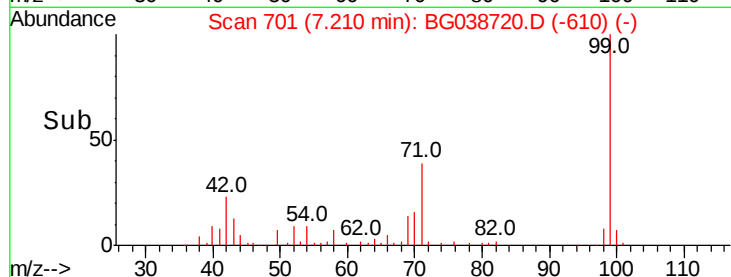
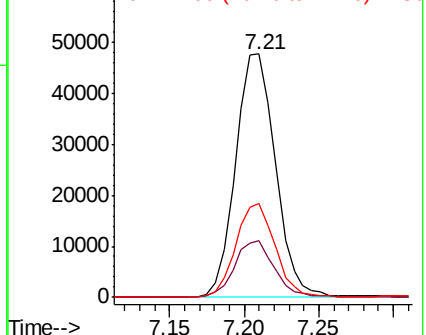
99 100

42 23.3 18.5 27.7

71 38.8 31.1 46.7



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: 2.222 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

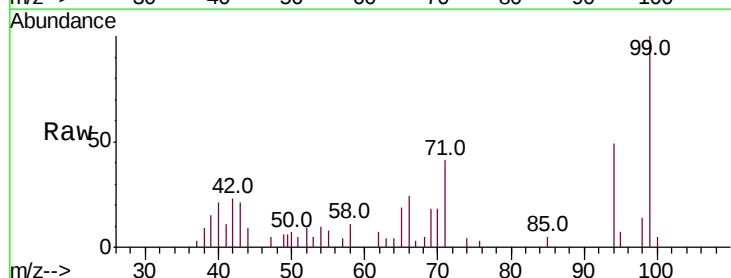
Tgt Ion: 94 Resp: 4535

Ion Ratio Lower Upper

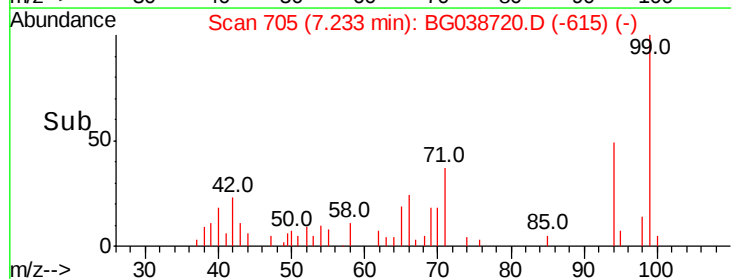
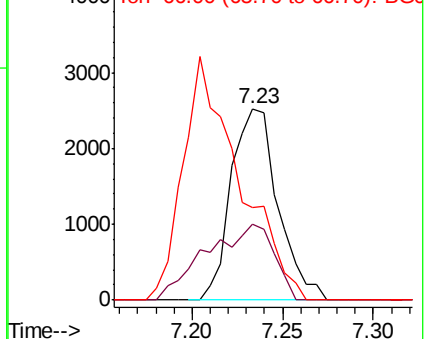
94 100

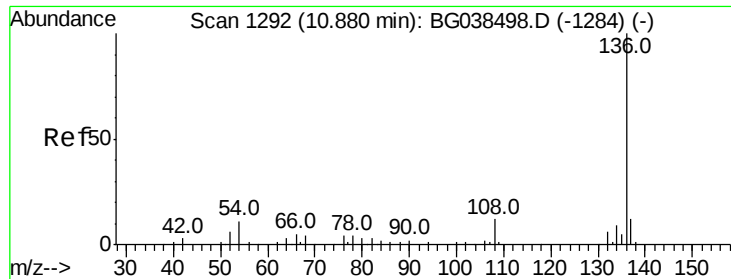
65 39.8 12.6 52.6

66 48.4 24.1 64.1



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

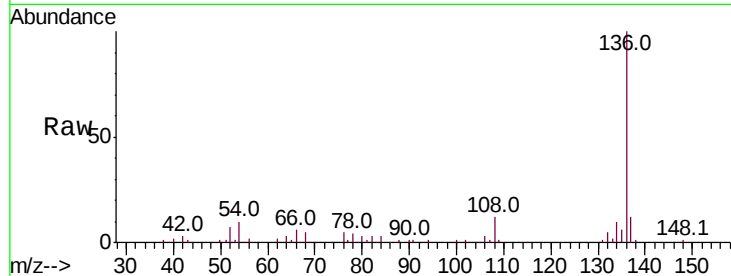




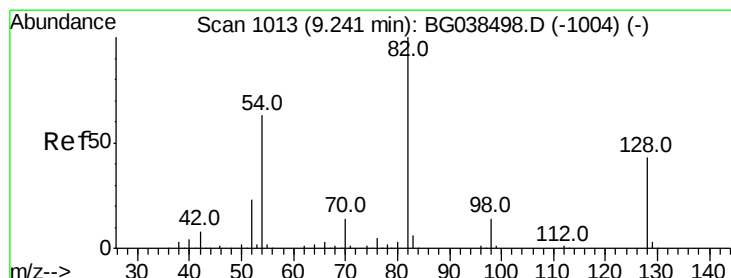
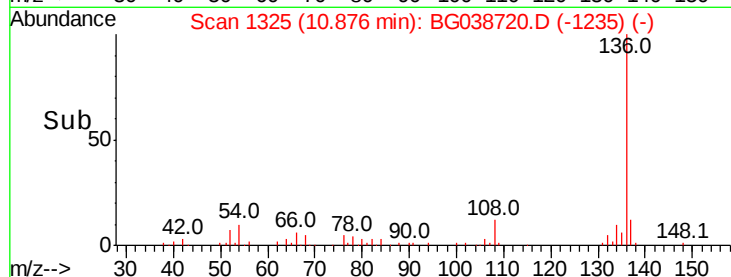
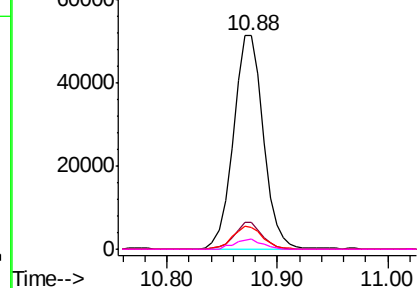
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Instrument :
BNA_G
ClientSampleId :
PR-MW-02_121218

Tot Ion:136	Resp:	97771
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.3 13.9
54	10.1	8.5 12.7
68	5.0	3.5 5.3

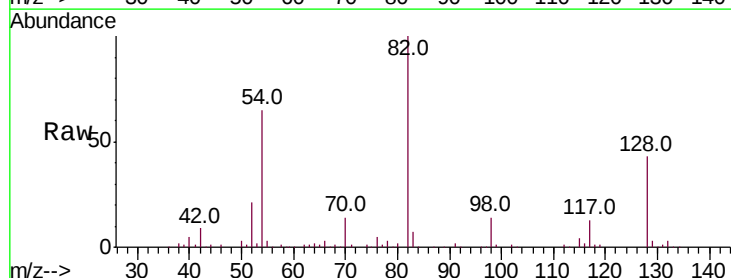


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

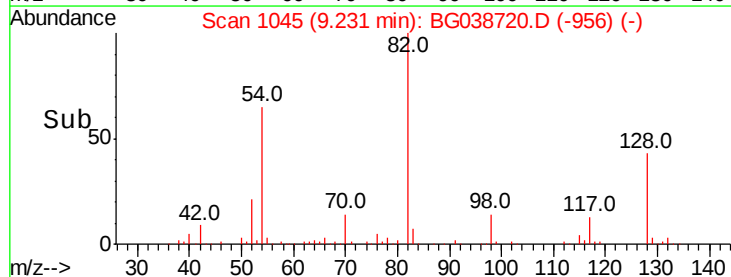
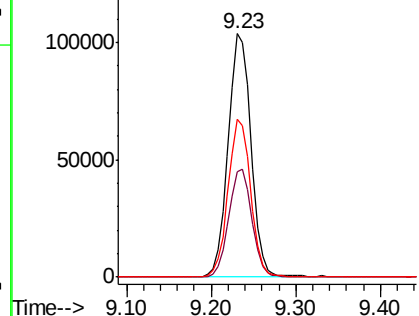


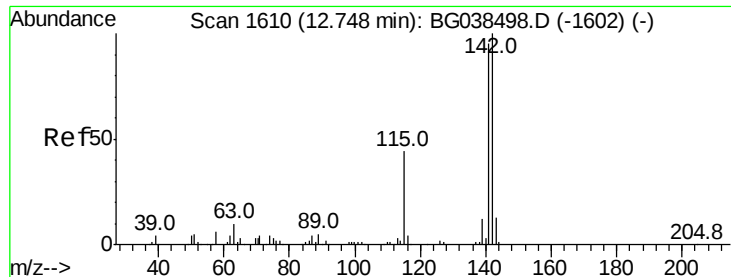
#23
Nitrobenzene-d5
Concen: 101.430 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Tgt Ion: 82	Resp:	194117
Ion	Ratio	Lower Upper
82	100	
128	43.5	34.6 52.0
54	64.7	50.6 76.0



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

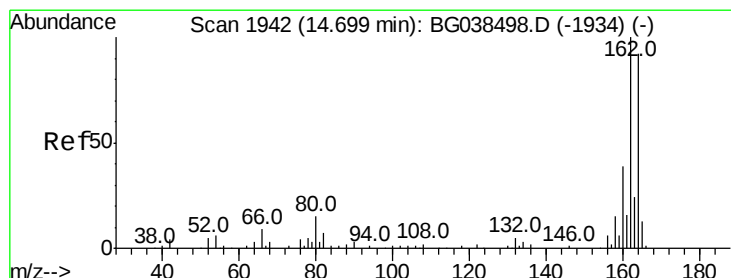
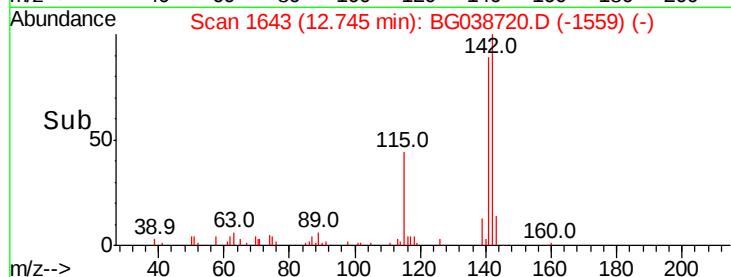
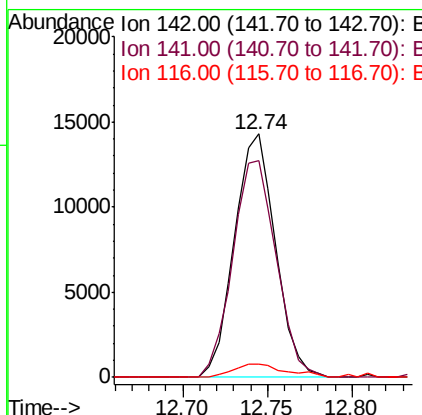
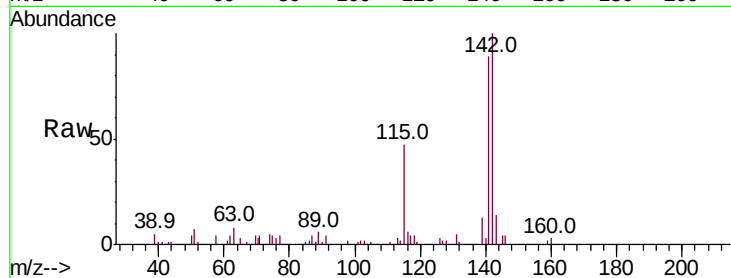




#38
1-Methylnaphthalene
Concen: 7.240 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

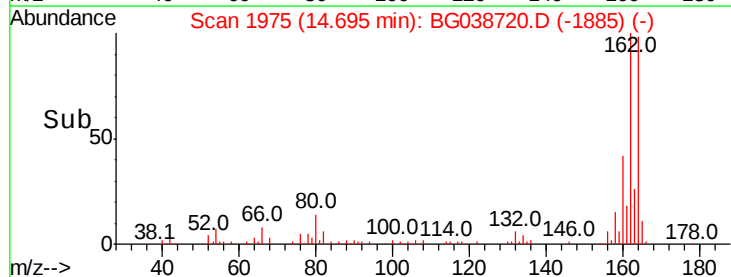
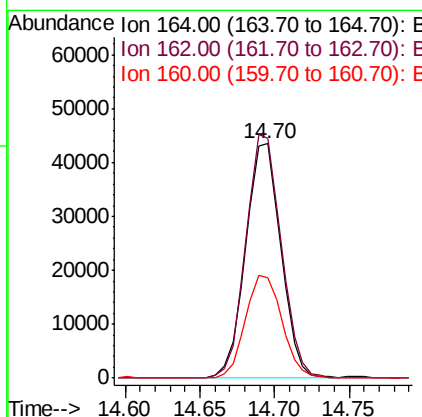
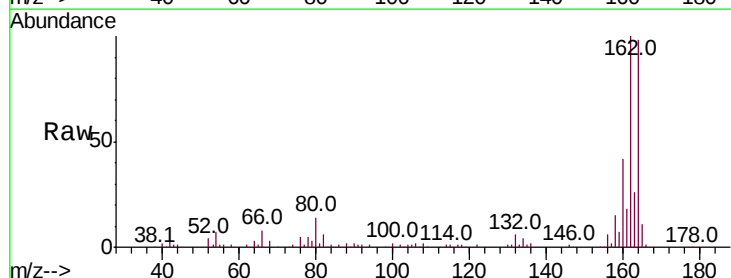
Instrument :
BNA_G
ClientSampleId :
PR-MW-02_121218

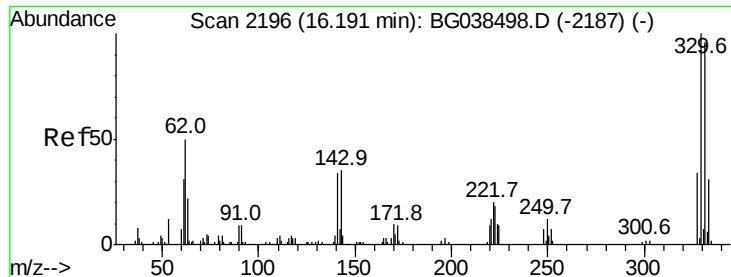
Tot Ion:142 Resp: 24143
Ion Ratio Lower Upper
142 100
141 89.0 75.8 113.8
116 5.6 3.6 5.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Tgt Ion:164 Resp: 71110
Ion Ratio Lower Upper
164 100
162 102.2 86.6 130.0
160 42.6 34.2 51.2

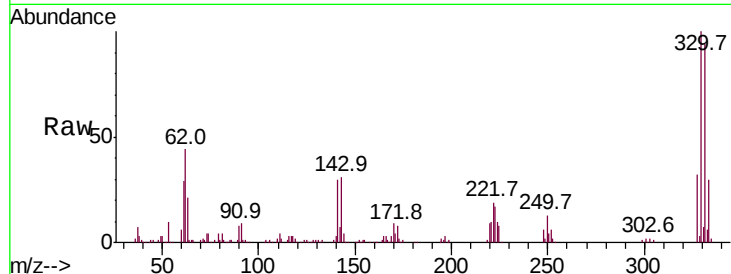




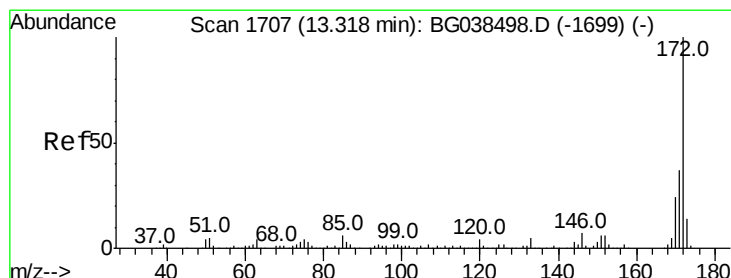
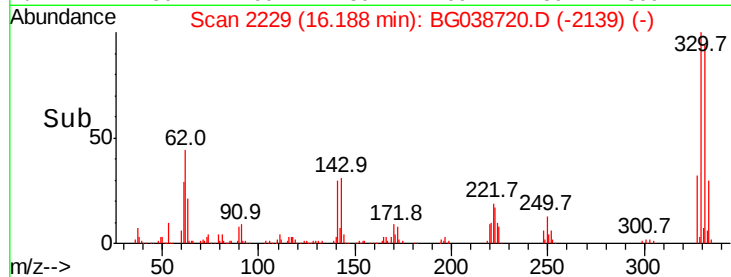
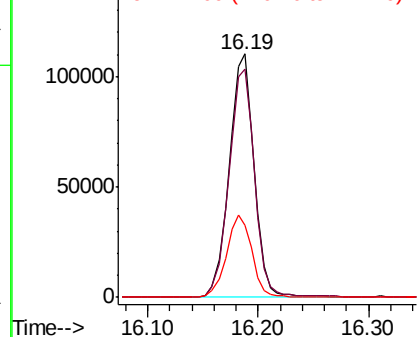
#42
 2,4,6-Tribromophenol
 Concen: 177.658 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-02_121218

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	34.1	28.8	43.2

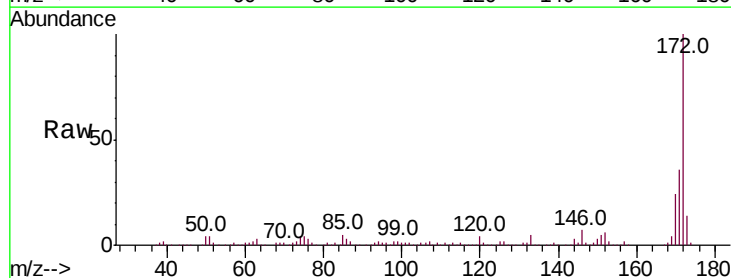


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

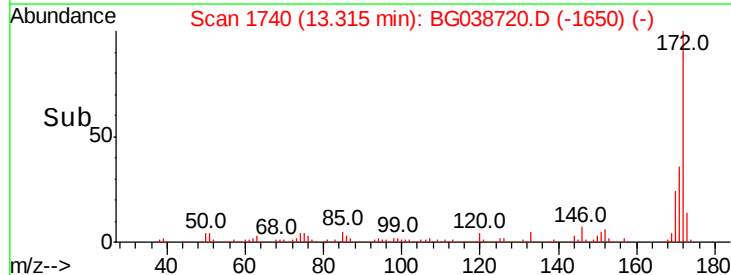
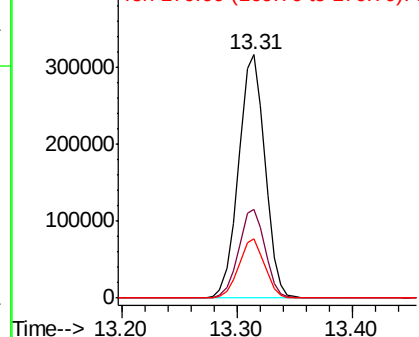


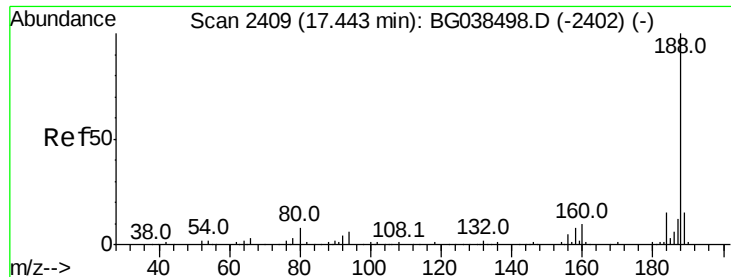
#45
 2-Fluorobiphenyl
 Concen: 96.557 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.2	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

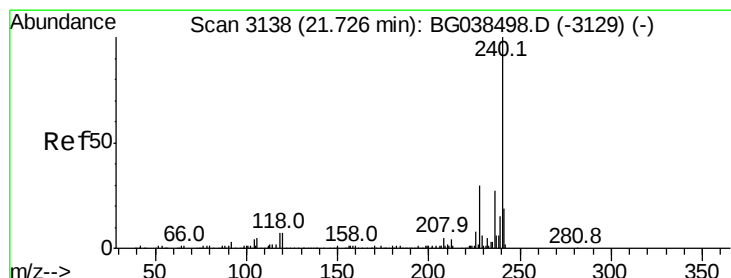
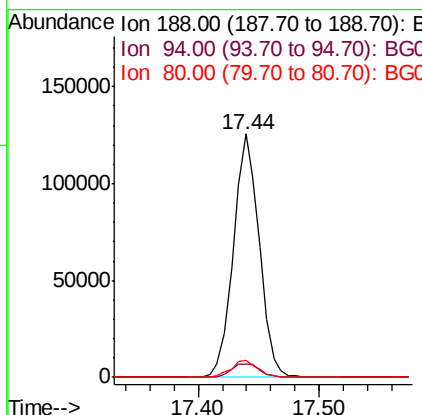
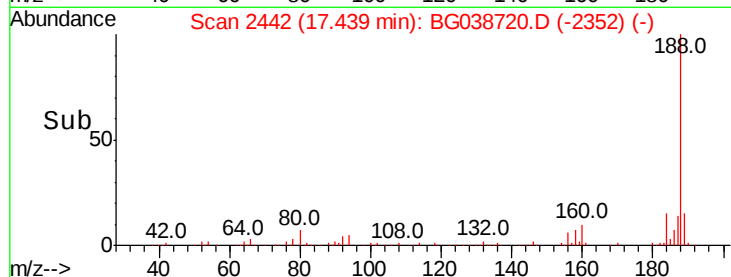
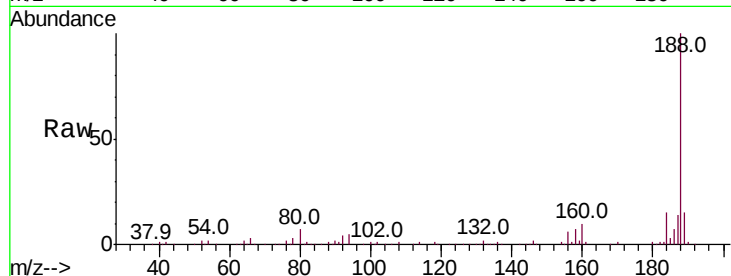




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

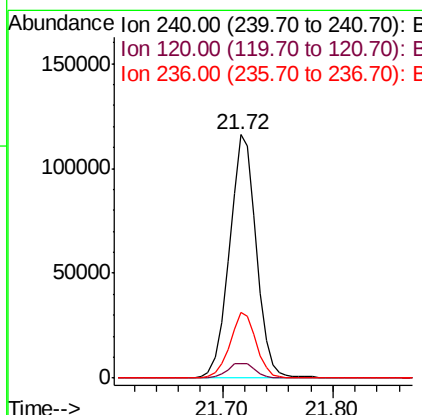
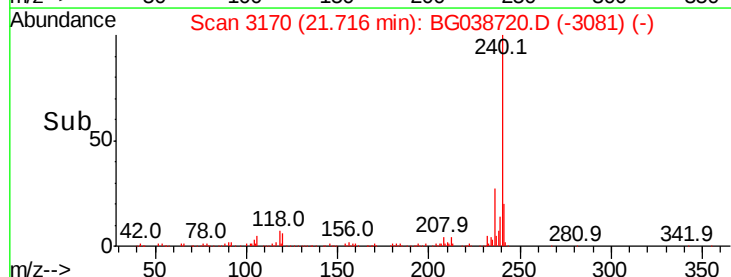
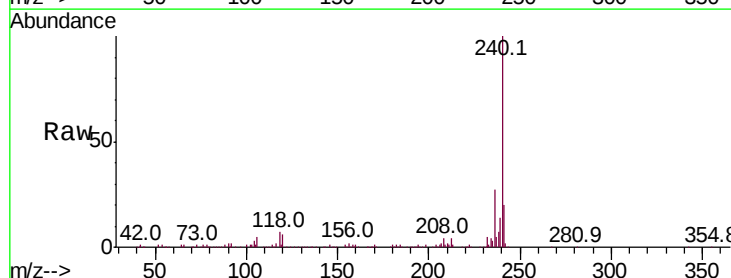
Instrument :
BNA_G
ClientSampleId :
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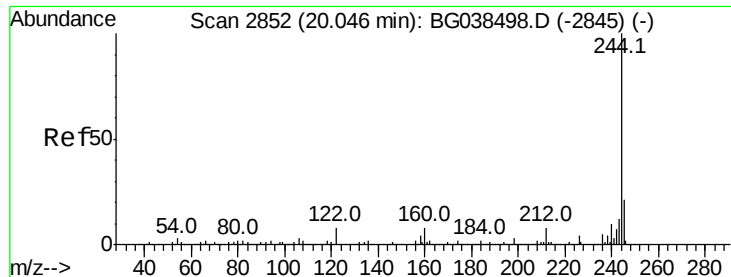
Tot Ion:188 Resp: 187051
Ion Ratio Lower Upper
188 100
94 5.4 5.1 7.7
80 7.1 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Tgt Ion:240 Resp: 197678
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 107.156 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

PR-MW-02_121218

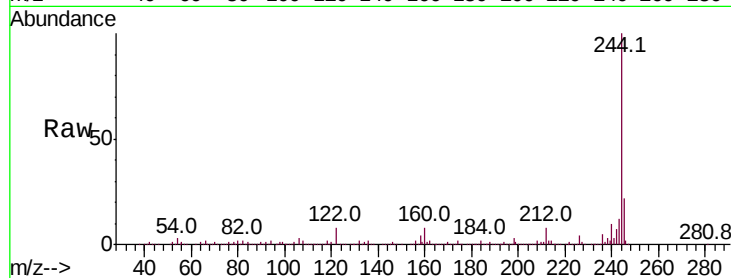
Tot Ion:244 Resp: 973303

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

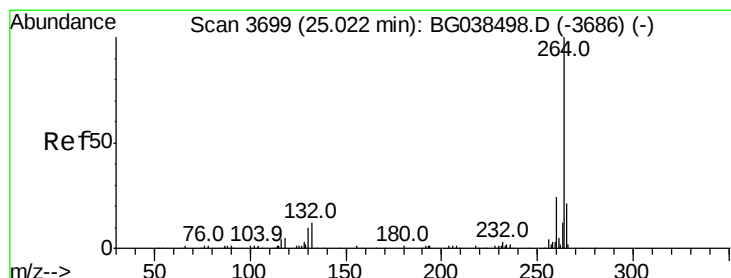
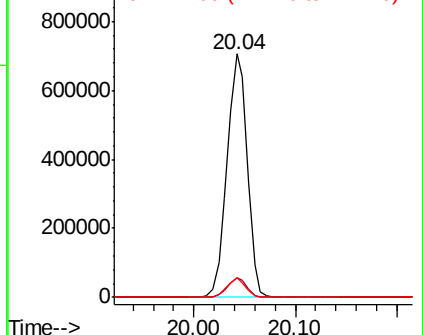
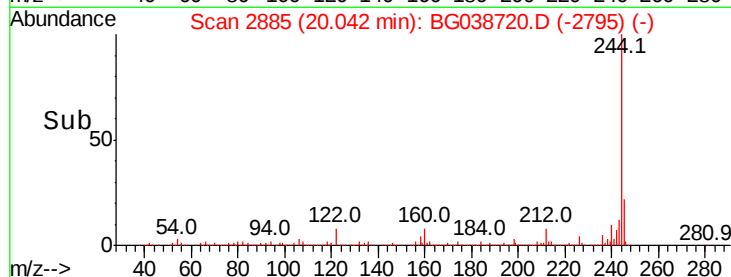
122 7.8 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

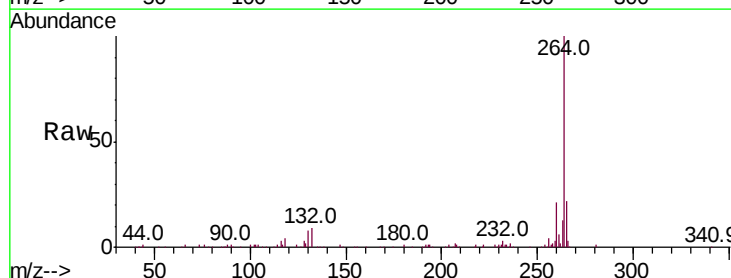
Tgt Ion:264 Resp: 211493

Ion Ratio Lower Upper

264 100

260 21.4 18.9 28.3

265 21.9 17.0 25.4



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

