

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042874.D
 Acq On : 17 Sep 2019 19:24
 Operator : HP/JU
 Sample : K4918-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Quant Time: Sep 18 02:13:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

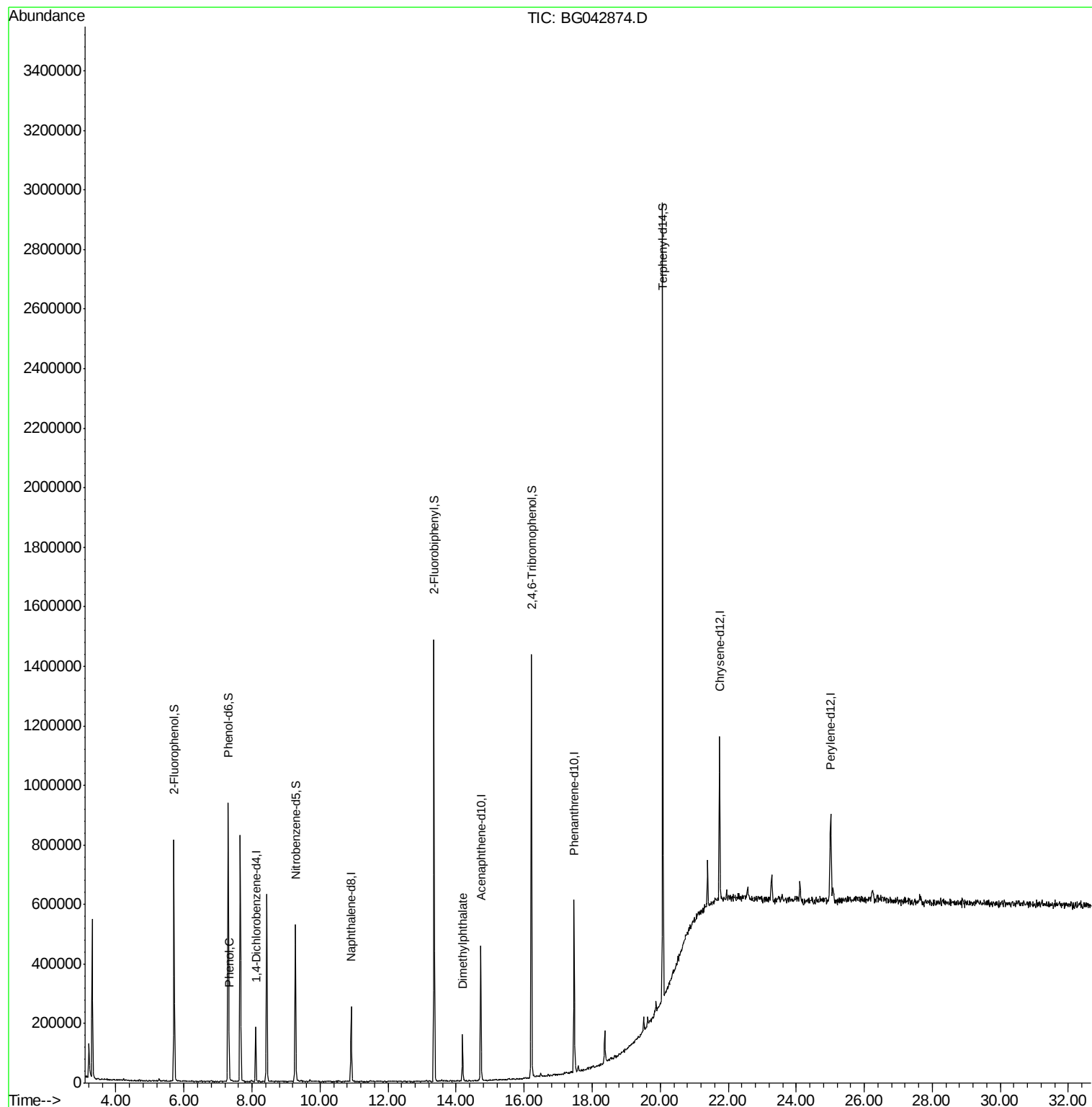
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49883	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	201655	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	156119	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	376190	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	325546	20.00	ng	-0.02
87) Perylene-d12	25.02	264	346648	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	306676	106.88	ng	0.02
7) Phenol-d6	7.30	99	486920	118.23	ng	0.03
23) Nitrobenzene-d5	9.28	82	314495	81.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	276236	132.99	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	790103	80.11	ng	-0.02
79) Terphenyl-d14	20.07	244	1267732	86.31	ng	-0.02
Target Compounds						
10) Phenol	7.33	94	14905	3.529	ng	86
50) Dimethylphthalate	14.19	163	103903	8.884	ng	98

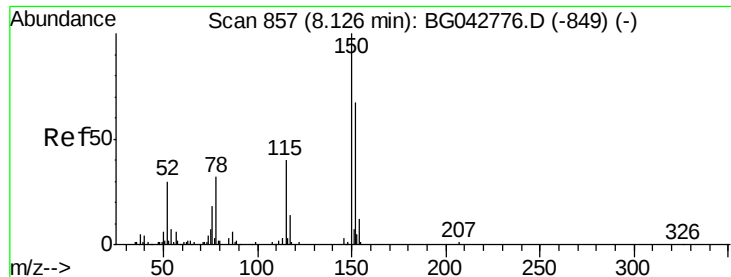
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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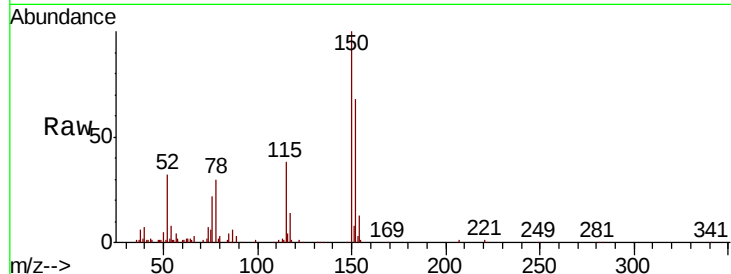


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SB-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	118.9	178.3
115	55.3	47.4	71.2

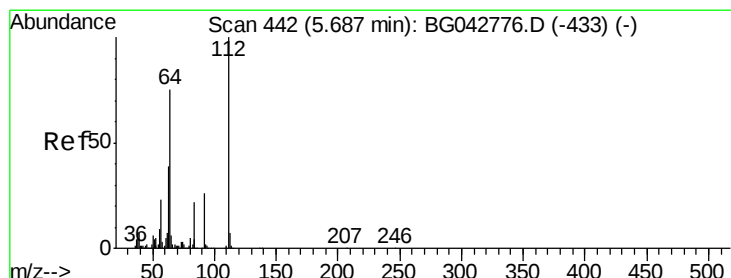
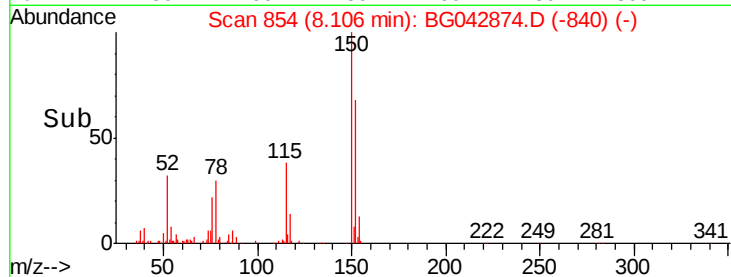
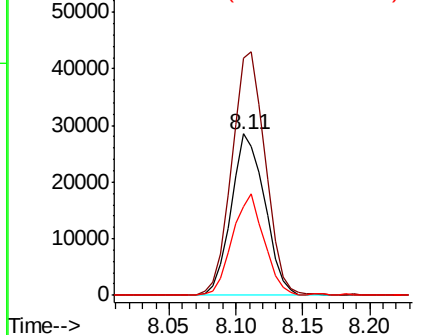


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

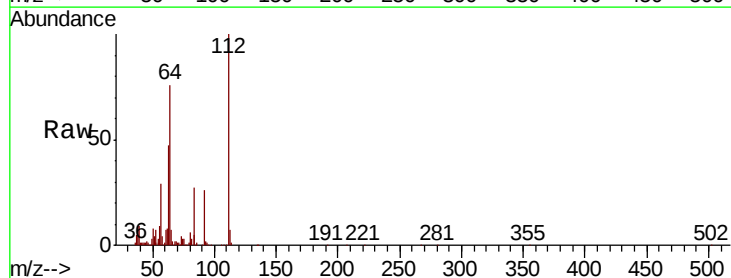
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.884 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.5	60.2	90.2
63	47.2	31.2	46.8

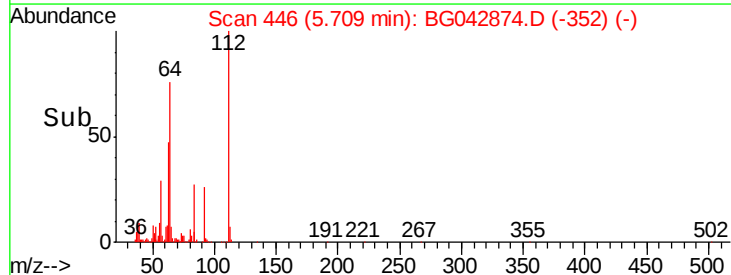
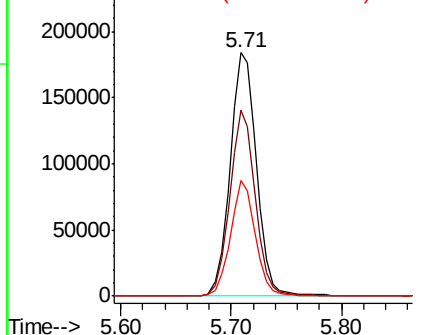


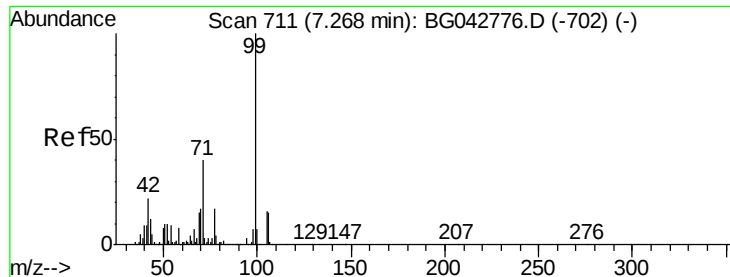
Abundance

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: 118.233 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.03 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

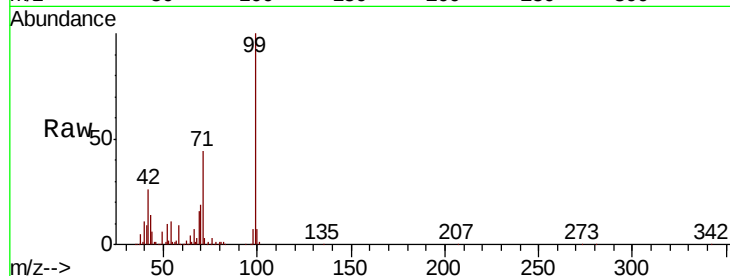
Tot Ion: 99 Resp: 486920

Ion Ratio Lower Upper

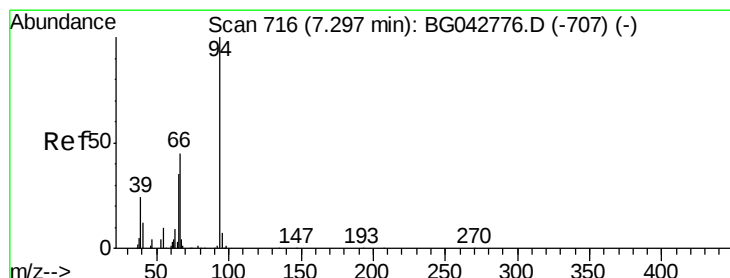
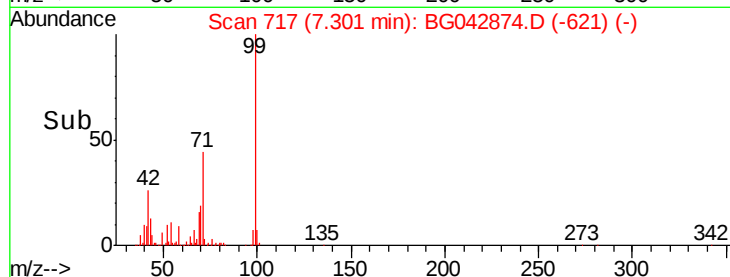
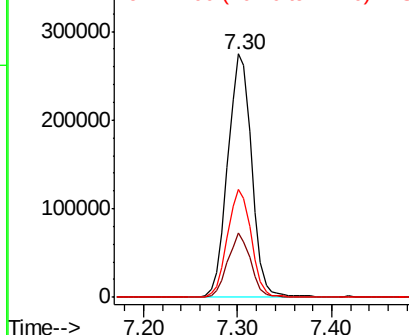
99 100

42 26.3 17.5 26.3#

71 44.1 32.0 48.0



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: 3.529 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

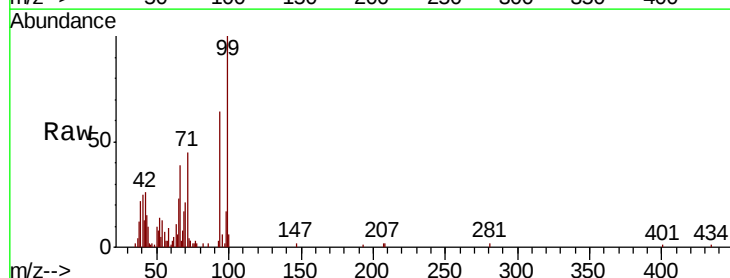
Tgt Ion: 94 Resp: 14905

Ion Ratio Lower Upper

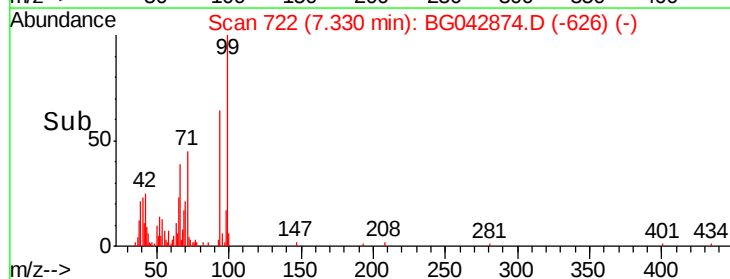
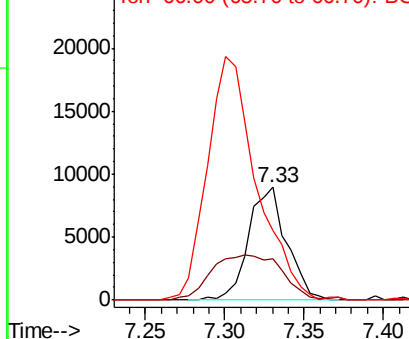
94 100

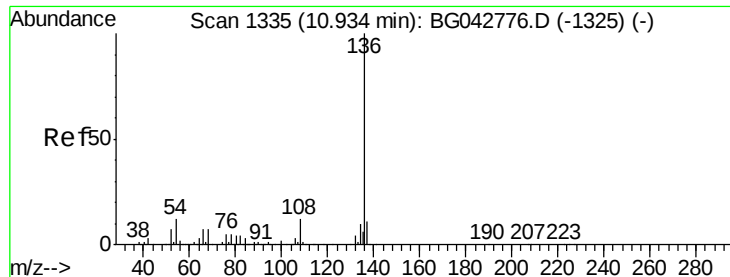
65 36.3 15.0 55.0

66 61.6 26.1 66.1



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

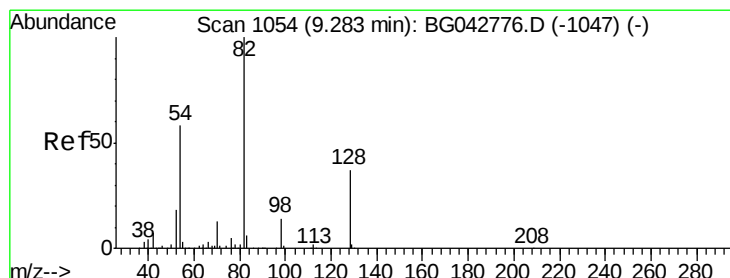
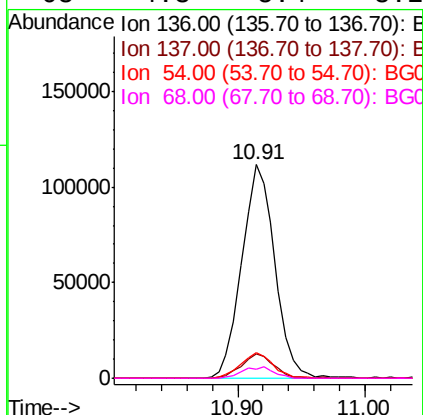
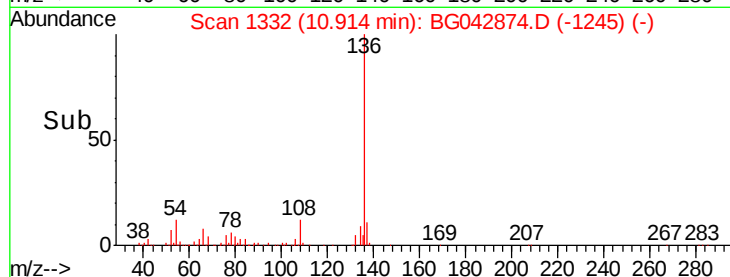
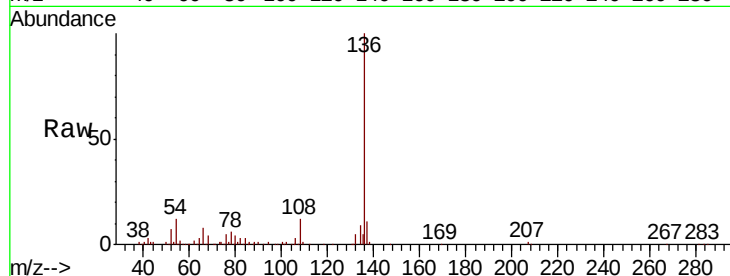




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

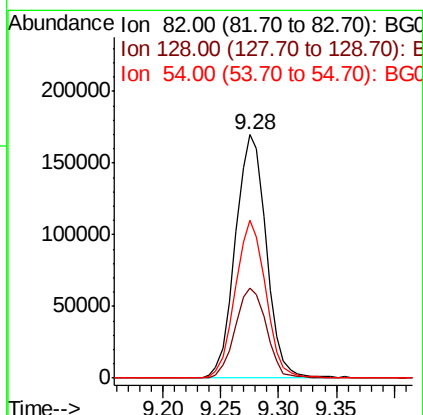
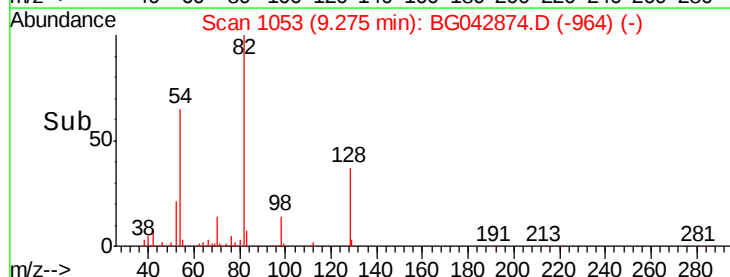
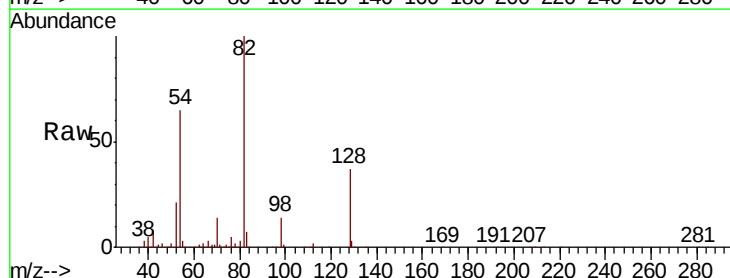
Instrument :
BNA_G
ClientSampleId :
SB-12

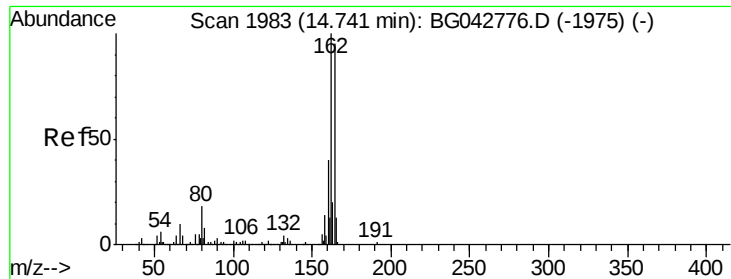
Tot Ion:136	Resp:	201655
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	11.9	9.4 14.0
68	4.3	5.4 8.2#



#23
Nitrobenzene-d5
Concen: 81.195 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Tgt Ion: 82	Resp:	314495
Ion	Ratio	Lower Upper
82	100	
128	36.8	29.8 44.8
54	64.7	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

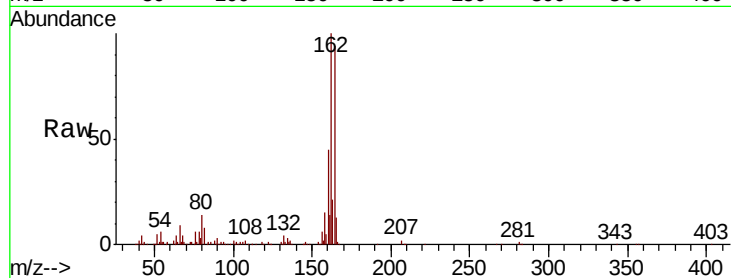
Tot Ion:164 Resp: 156119

Ion Ratio Lower Upper

164 100

162 106.7 84.6 126.8

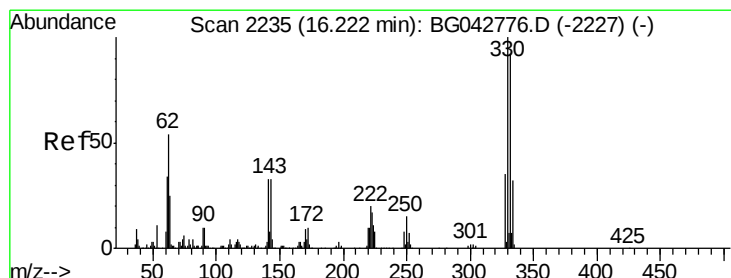
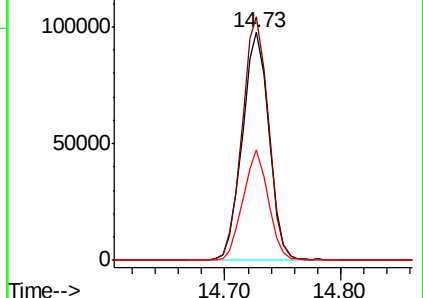
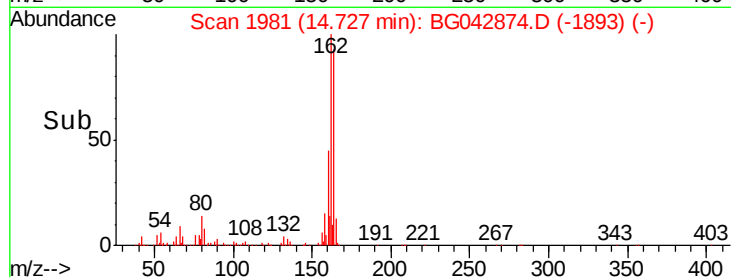
160 48.3 34.2 51.2



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: 132.995 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

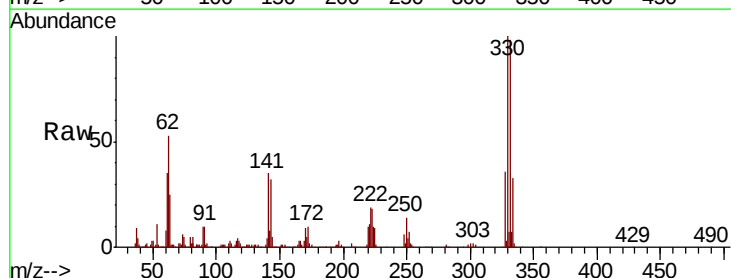
Tgt Ion:330 Resp: 276236

Ion Ratio Lower Upper

330 100

332 97.9 76.7 115.1

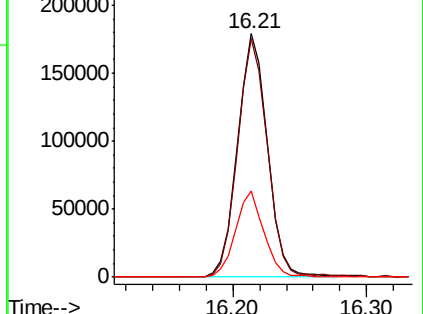
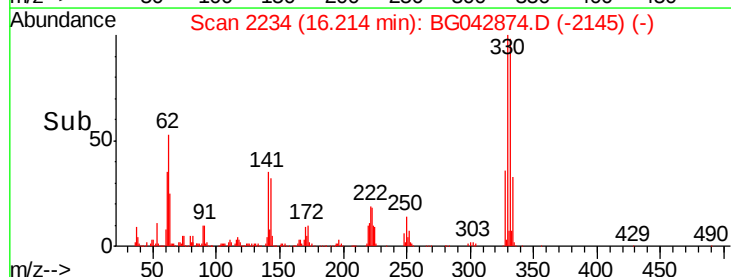
141 34.2 27.0 40.6

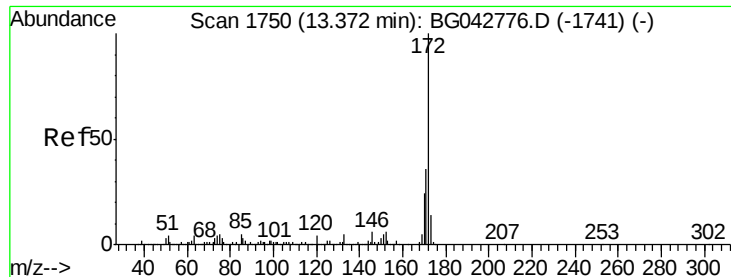


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

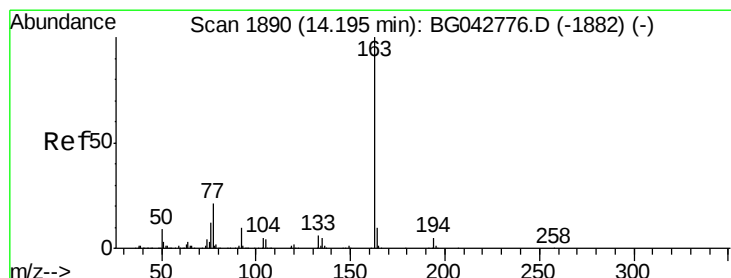
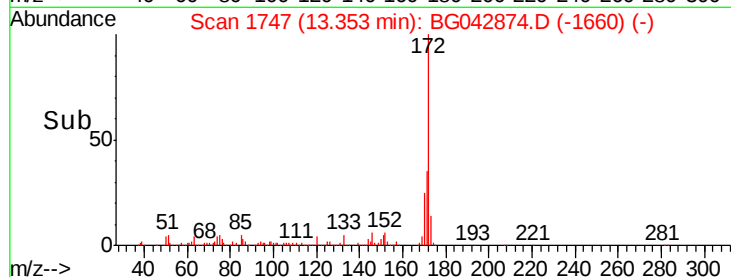
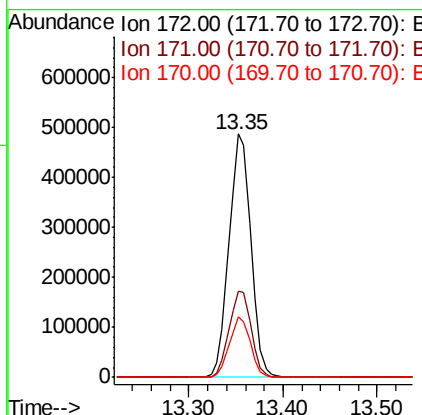
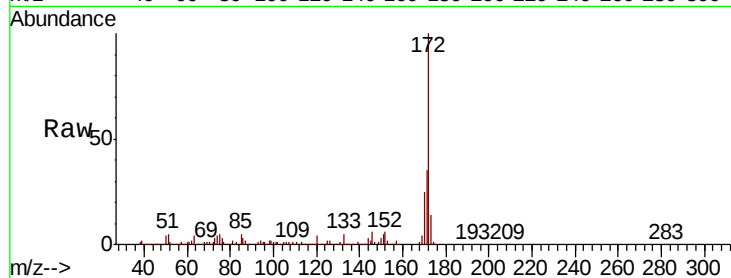




#45
 2-Fluorobiphenyl
 Concen: 80.111 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

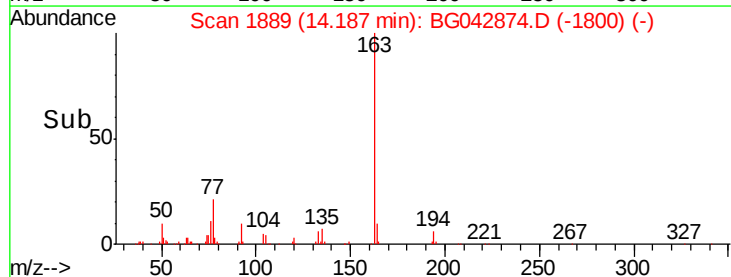
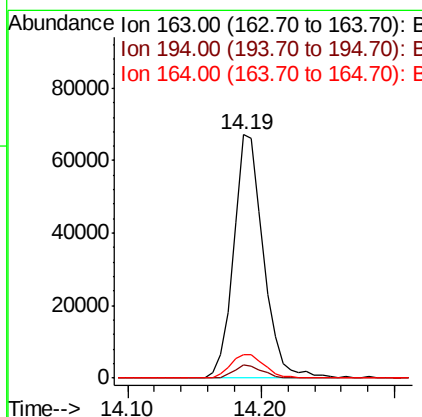
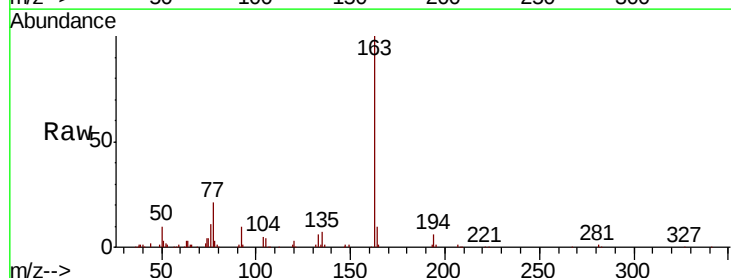
Instrument :
 BNA_G
 ClientSampleId :
 SB-12

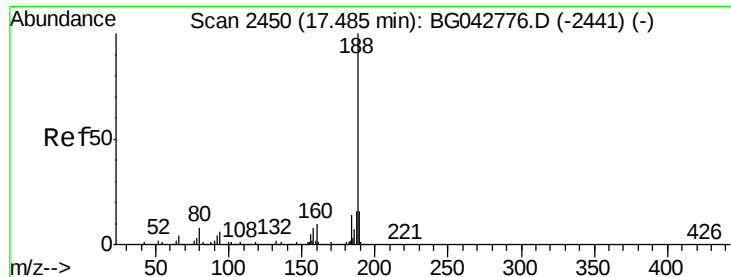
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.7	19.1	28.7



#50
 Dimethylphthalate
 Concen: 8.884 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.4
164	9.8	8.4	12.6

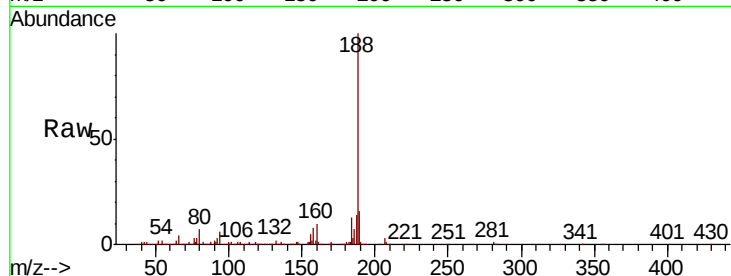




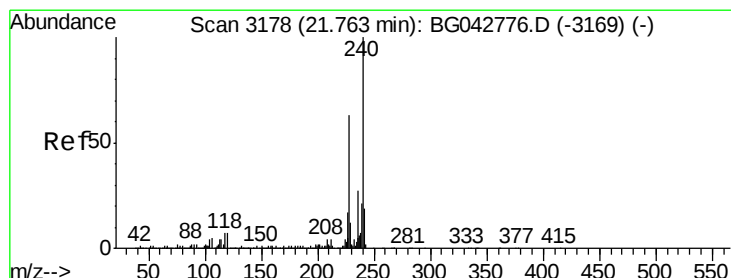
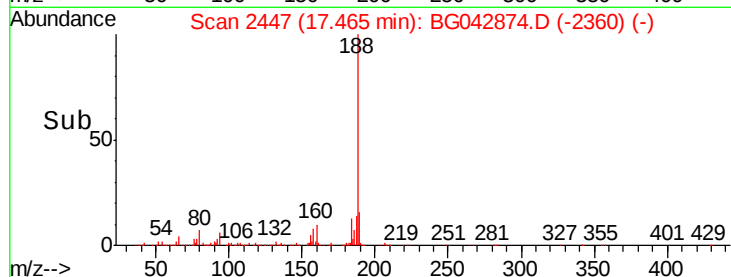
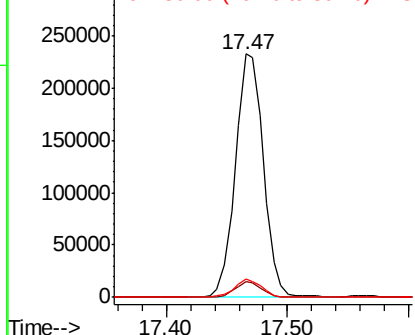
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SB-12

Tot Ion:188 Resp: 376190
Ion Ratio Lower Upper
188 100
94 6.4 4.8 7.2
80 7.3 6.6 9.8

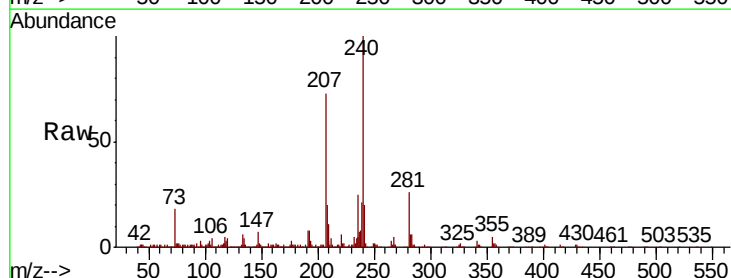


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

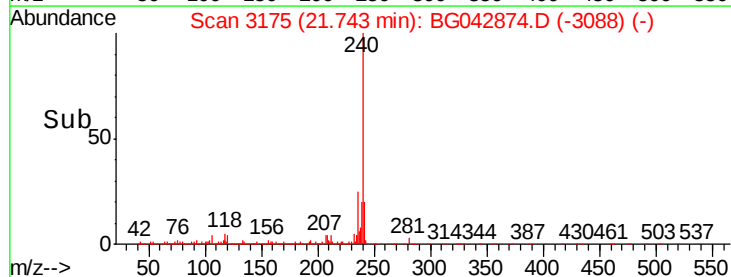
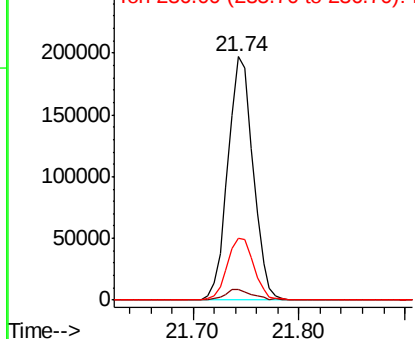


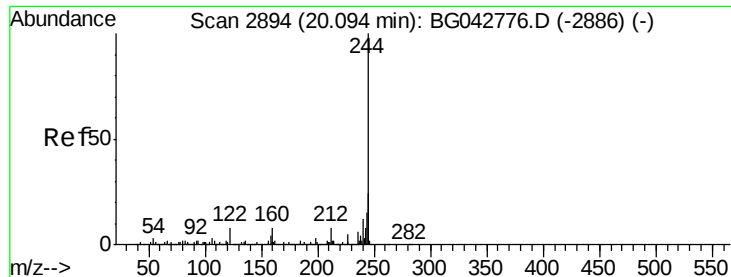
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Tgt Ion:240 Resp: 325546
Ion Ratio Lower Upper
240 100
120 4.5 5.4 8.2#
236 25.5 21.7 32.5



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: 86.306 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

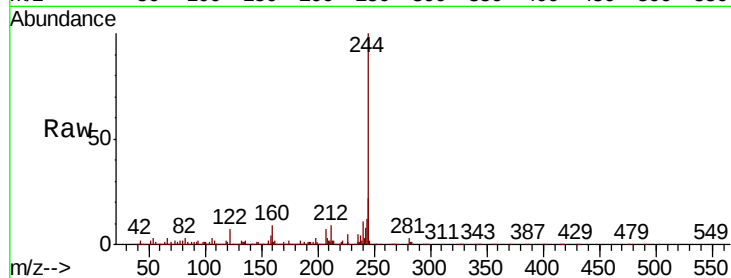
Tot Ion:244 Resp: 1267732

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

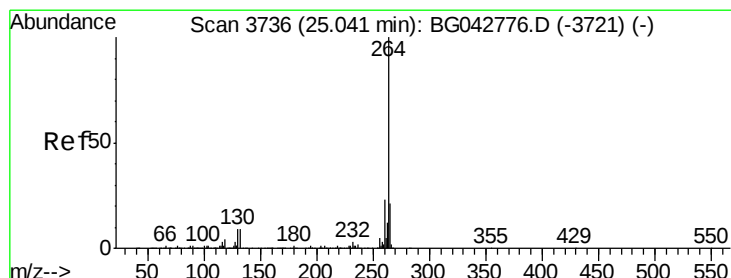
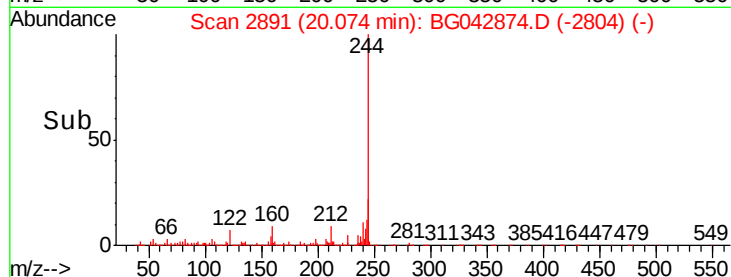
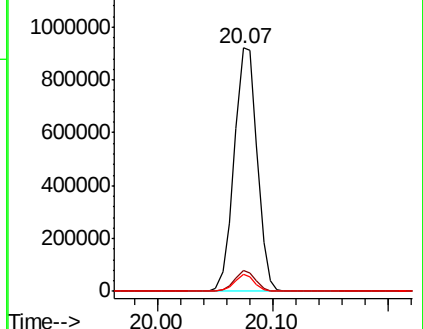
122 7.0 6.2 9.4



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. -0.03 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

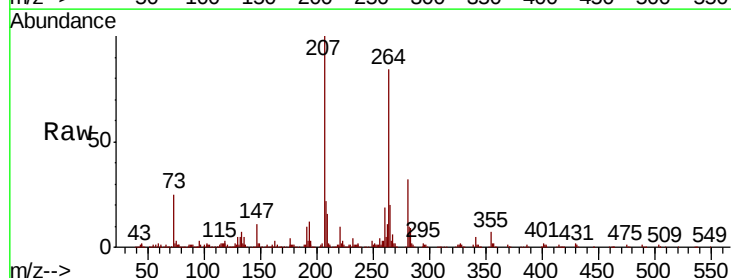
Tgt Ion:264 Resp: 346648

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 24.3 16.9 25.3



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

