

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037948.D
 Acq On : 12 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J5895-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Quant Time: Nov 13 06:09:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

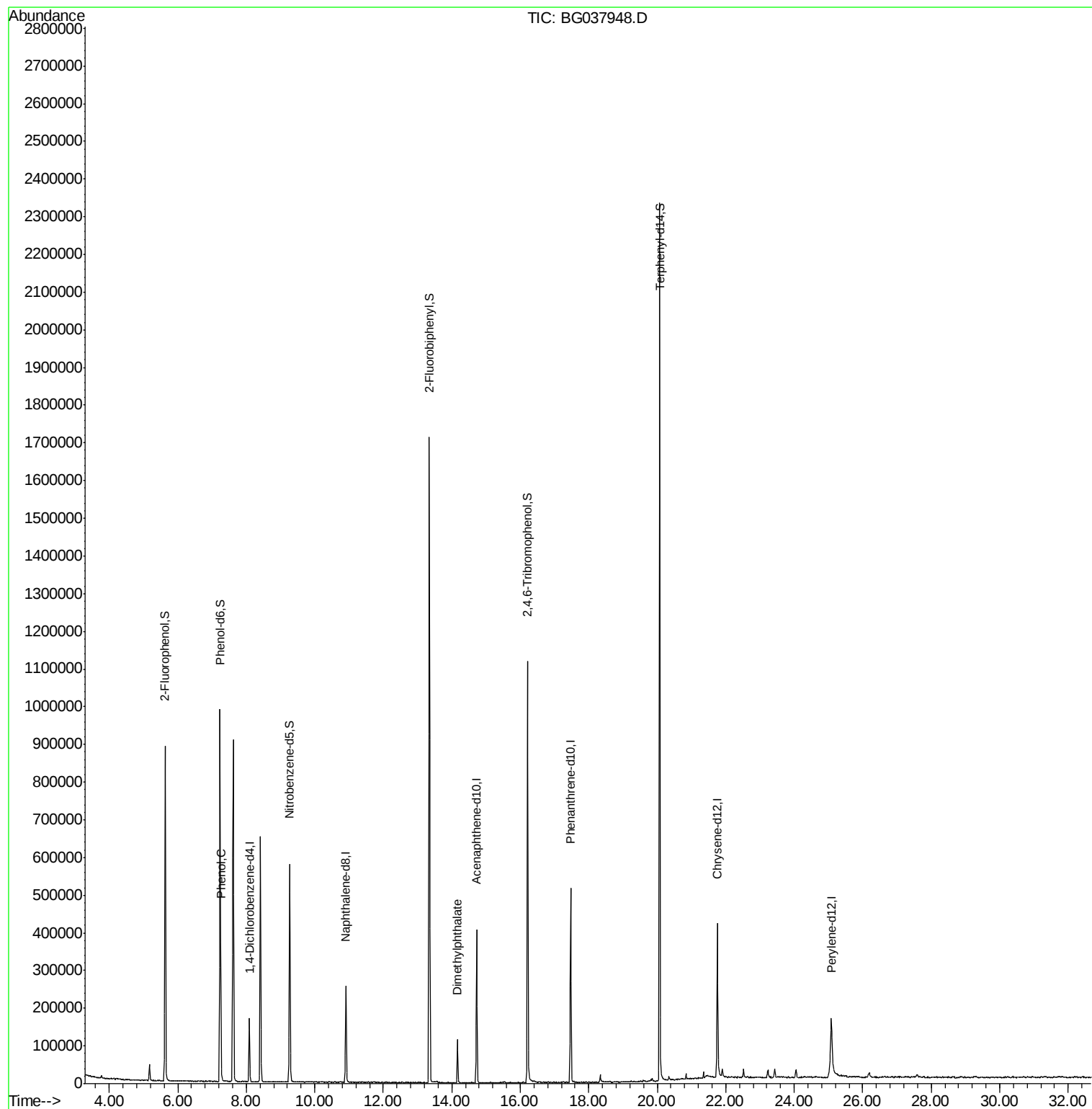
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51321	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	232380	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	153390	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	326314	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	277297	20.00	ng	-0.02
87) Perylene-d12	25.08	264	225250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	412602	134.41	ng	-0.02
7) Phenol-d6	7.24	99	625350	134.72	ng	-0.02
23) Nitrobenzene-d5	9.27	82	379671	91.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	212534	127.04	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	923729	90.81	ng	-0.02
79) Terphenyl-d14	20.07	244	1195639	92.13	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	29221	5.966	ng	87
50) Dimethylphthalate	14.17	163	81161	6.839	ng	99

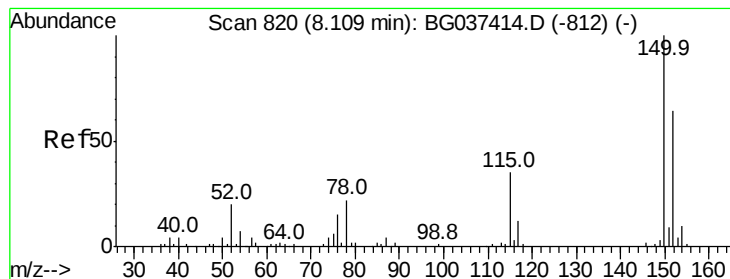
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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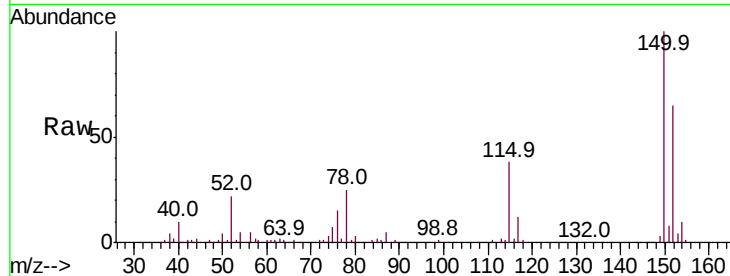


#1

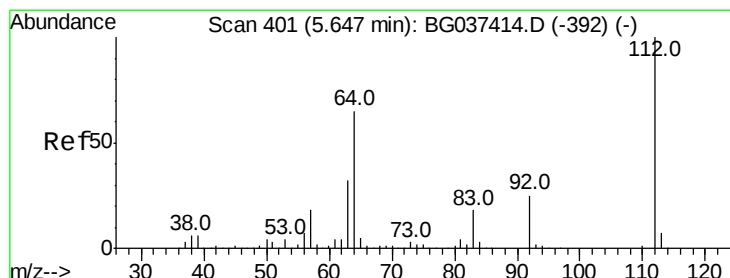
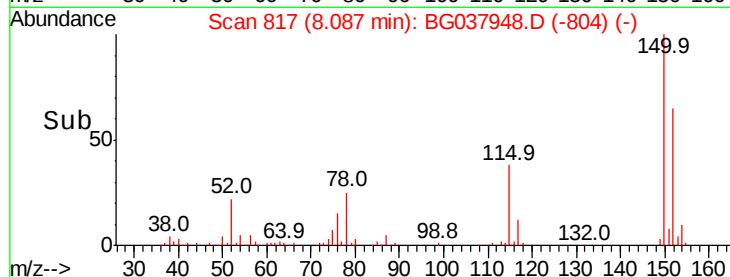
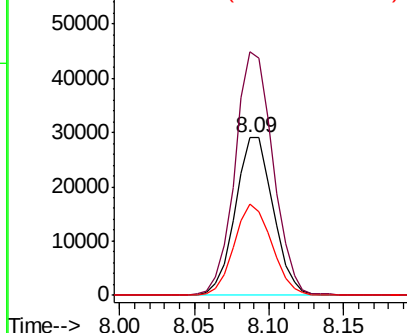
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Tot Ion:152 Resp: 51321
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.0 189.0
 115 57.9 45.5 68.3



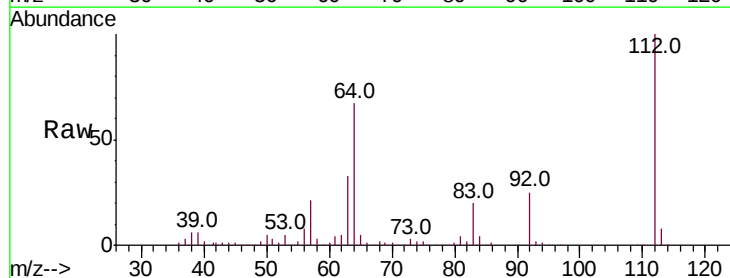
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



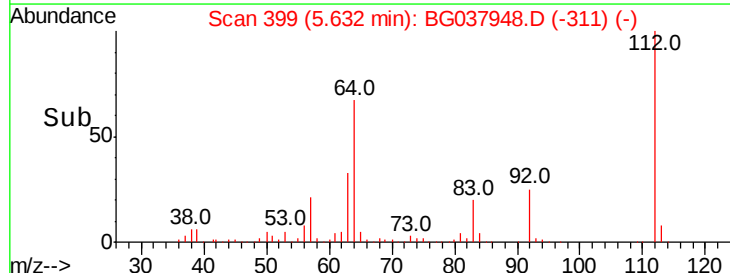
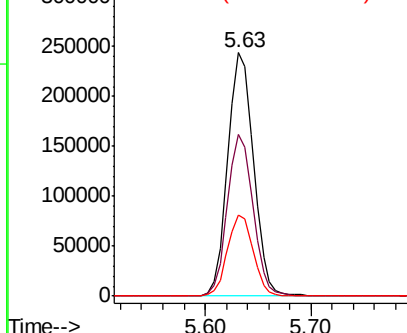
#5

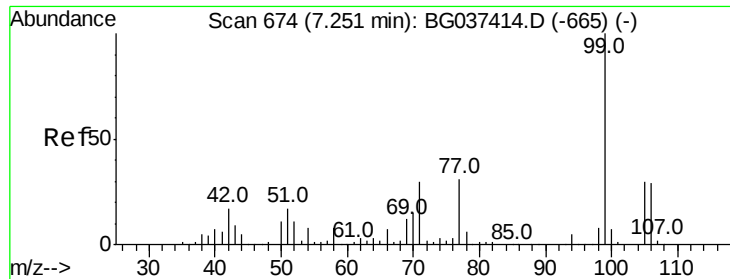
2-Fluorophenol
 Concen: 134.411 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

Tgt Ion:112 Resp: 412602
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.1 79.7
 63 33.3 27.3 40.9



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: 134.722 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

SB-3

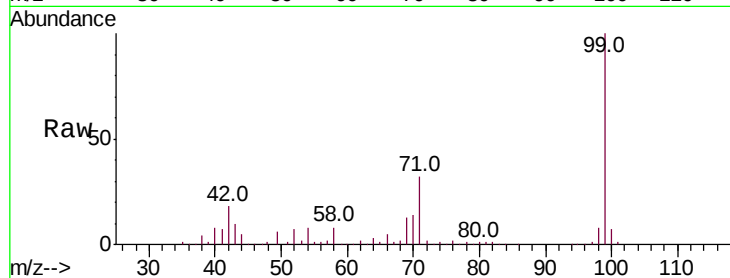
Tot Ion: 99 Resp: 625350

Ion Ratio Lower Upper

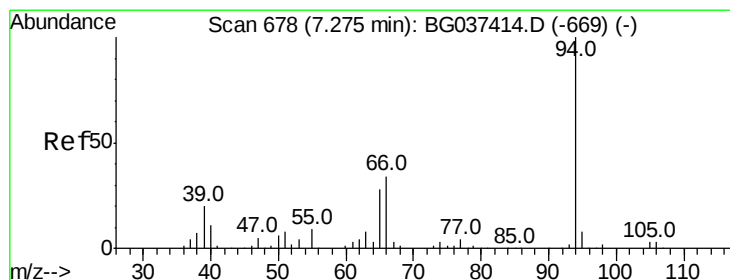
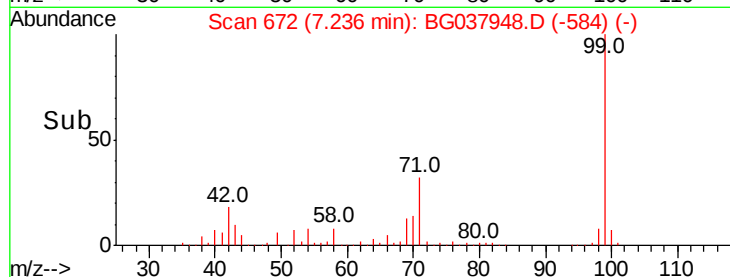
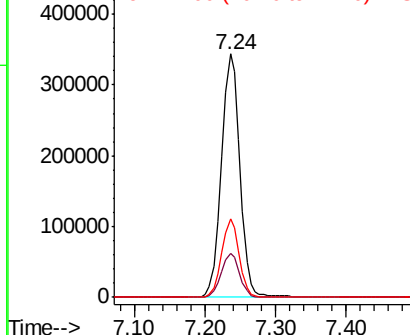
99 100

42 18.0 15.0 22.4

71 32.4 25.5 38.3



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: 5.966 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

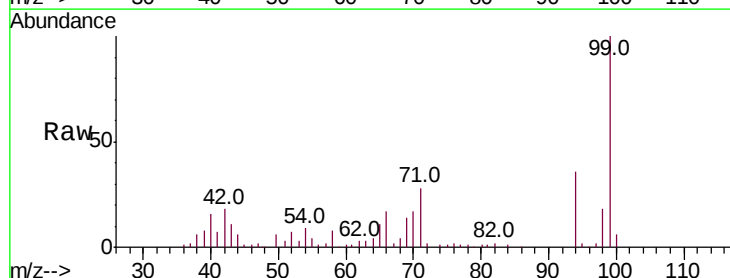
Tgt Ion: 94 Resp: 29221

Ion Ratio Lower Upper

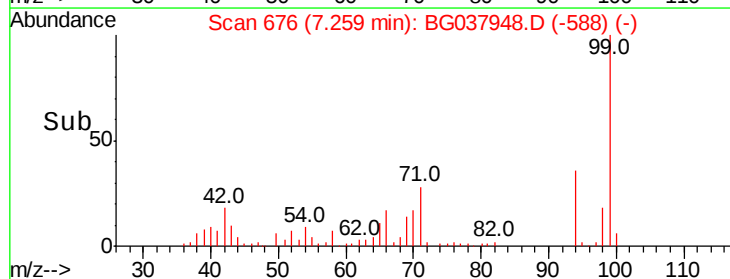
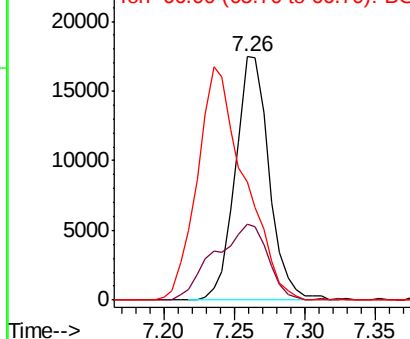
94 100

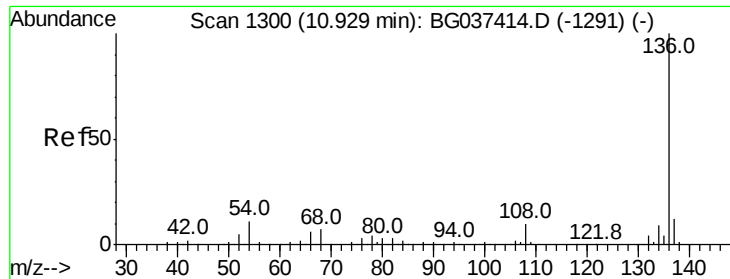
65 31.4 9.7 49.7

66 48.8 15.9 55.9



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

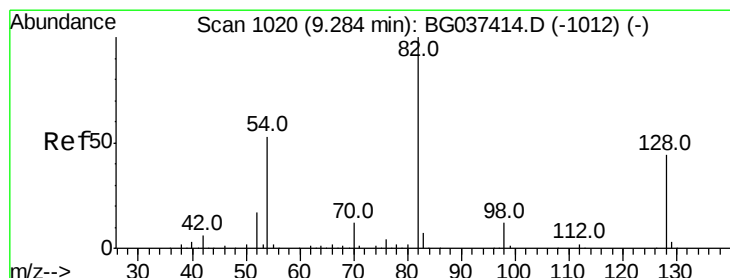
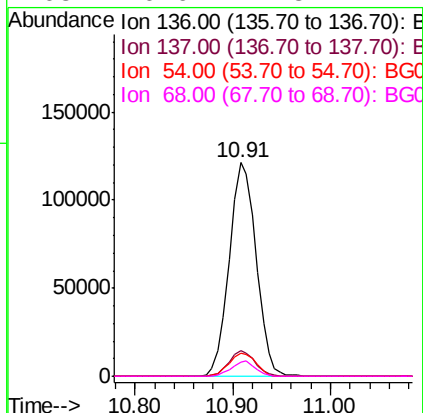
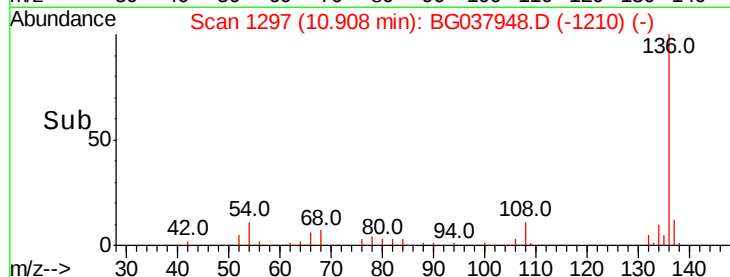
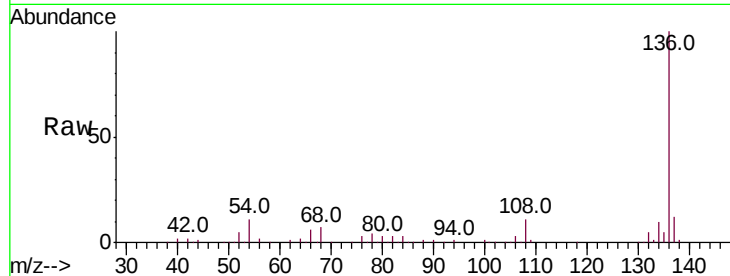




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037948.D
Acq: 12 Nov 2018 17:26

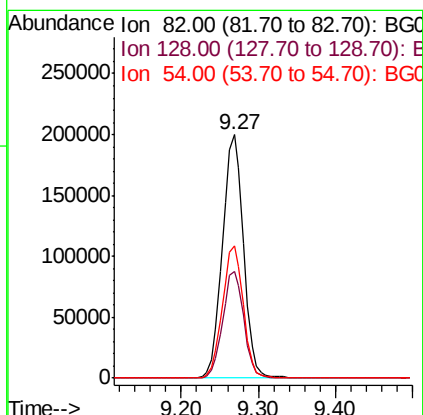
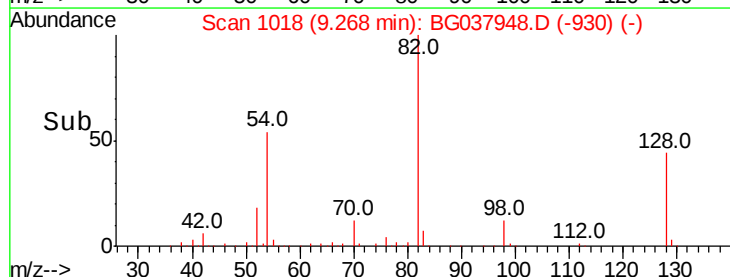
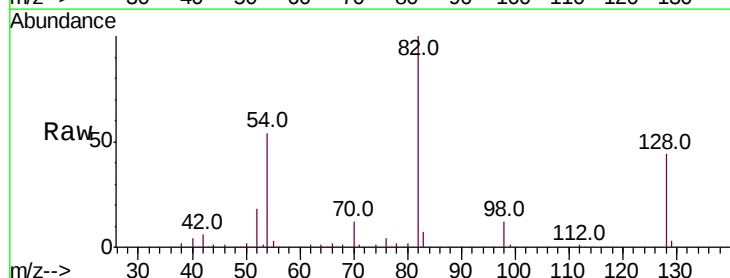
Instrument :
BNA_G
ClientSampleId :
SB-3

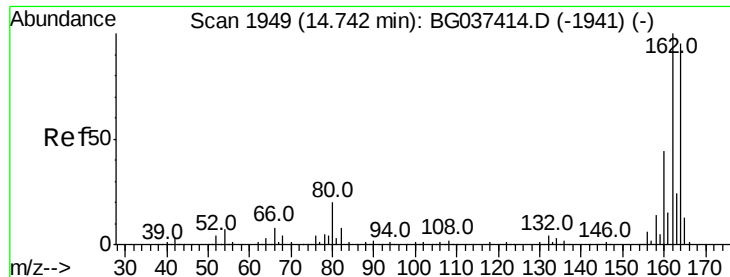
Tot Ion:	136	Resp:	232380
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.6	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 91.526 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037948.D
Acq: 12 Nov 2018 17:26

Tgt Ion:	82	Resp:	379671
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

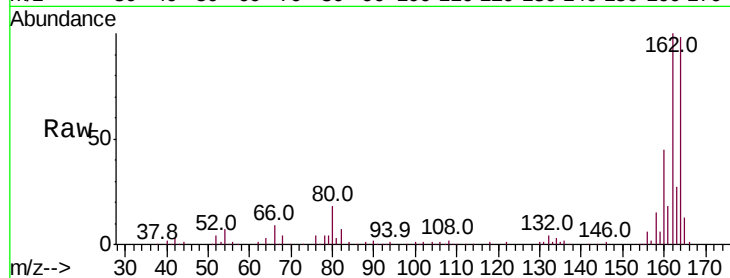
BNA_G

ClientSampleId :

SB-3

Tot Ion:164 Resp: 153390

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	45.6	36.3	54.5

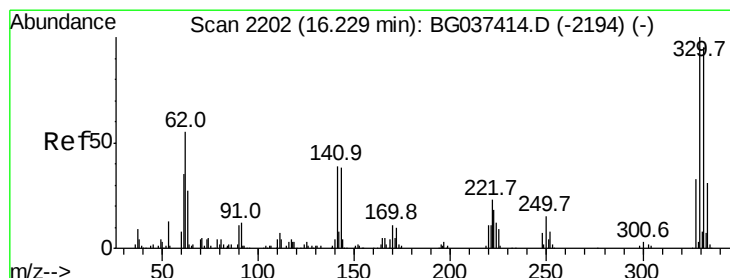
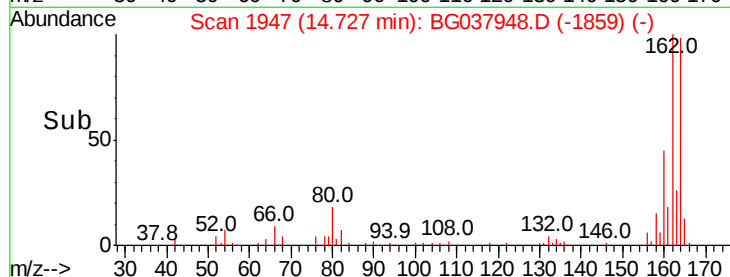
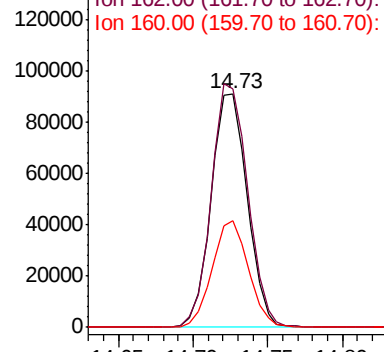


Abundance

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: 127.037 ng

RT: 16.21 min Scan# 2200

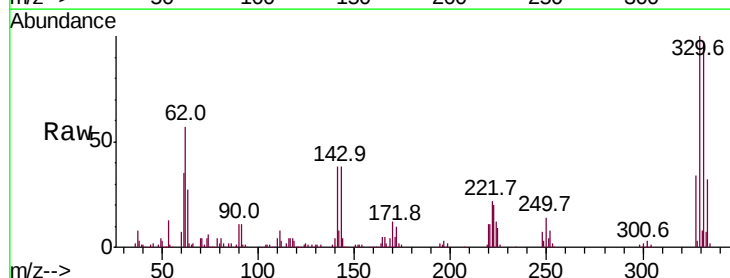
Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Tgt Ion:330 Resp: 212534

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	38.5	32.2	48.2

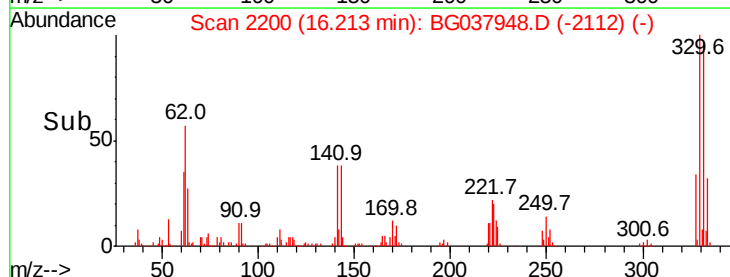
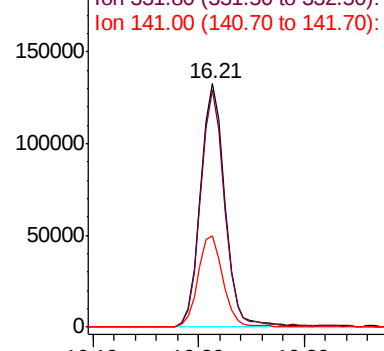


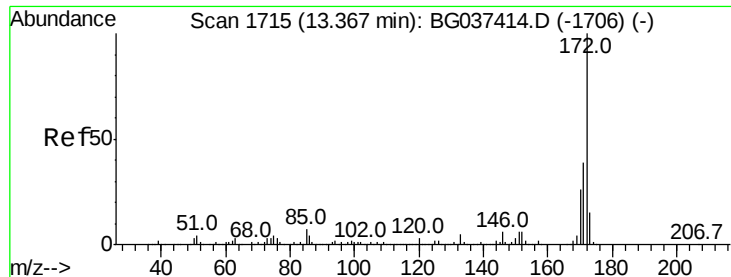
Abundance

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

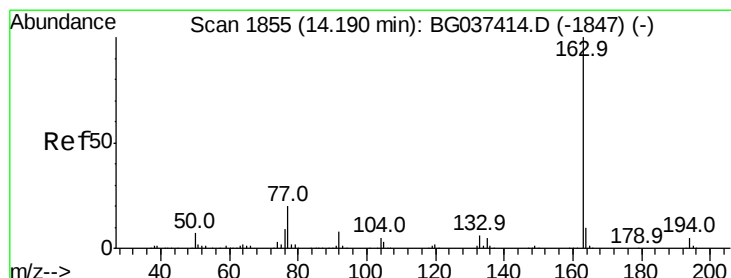
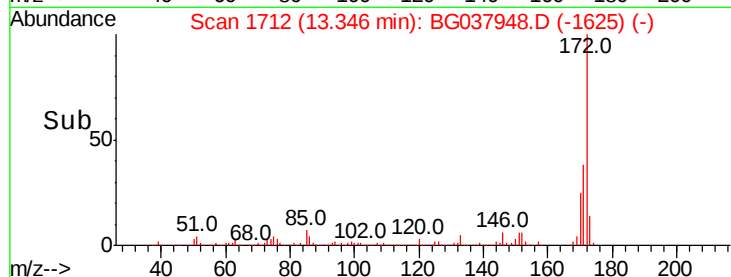
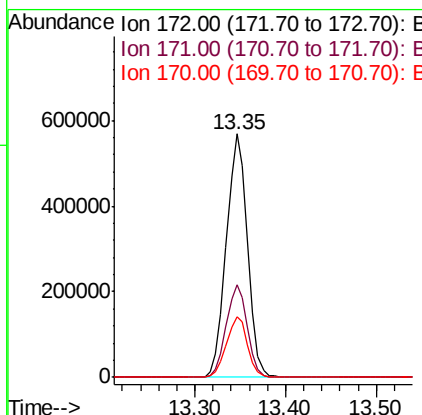
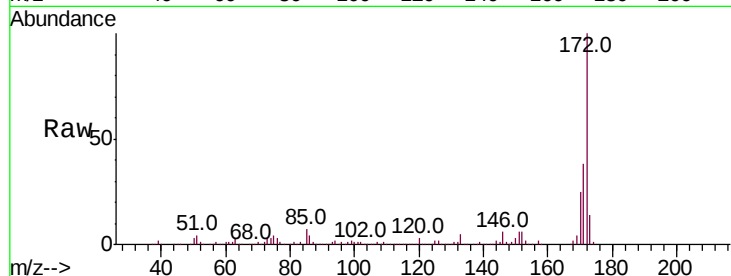




#45
 2-Fluorobiphenyl
 Concen: 90.810 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

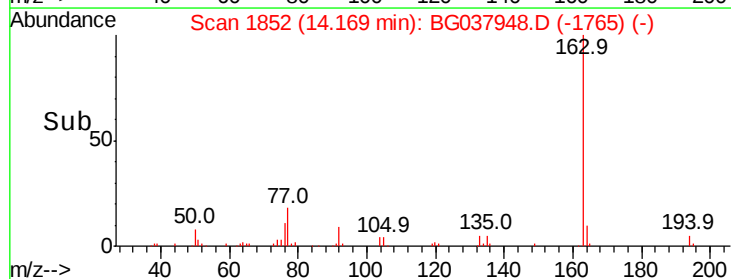
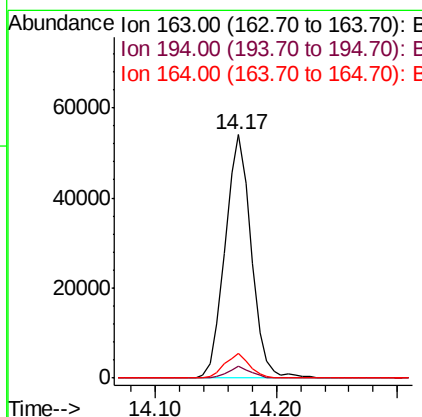
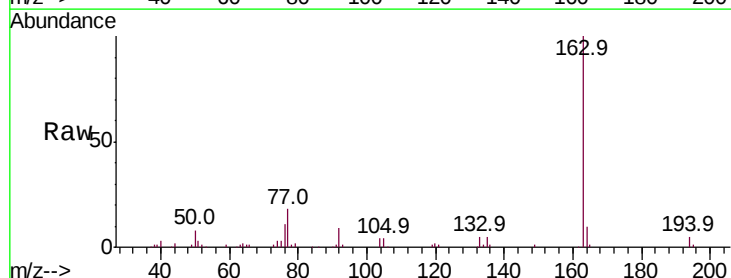
Instrument :
 BNA_G
 ClientSampleId :
 SB-3

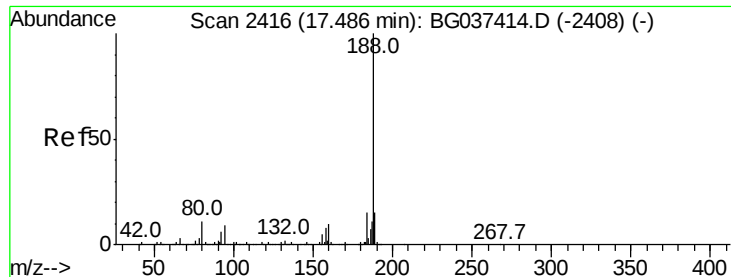
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.1	20.2	30.2



#50
 Dimethylphthalate
 Concen: 6.839 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BG037948.D
 Acq: 12 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.2	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

Instrument :

BNA_G

ClientSampled :

SB-3

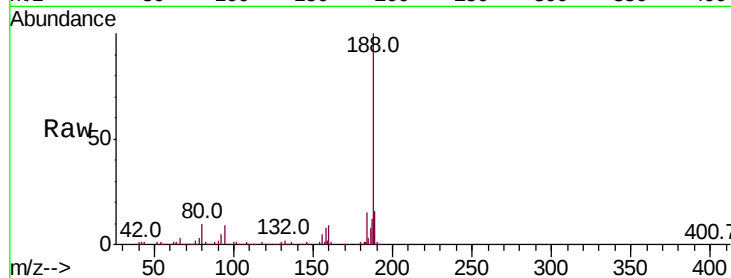
Tot Ion:188 Resp: 326314

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

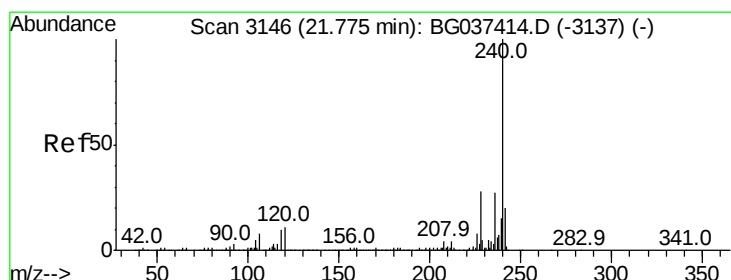
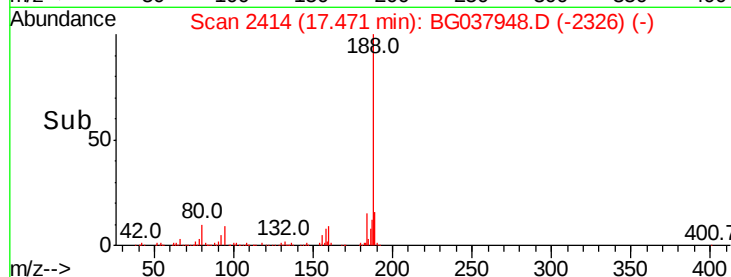
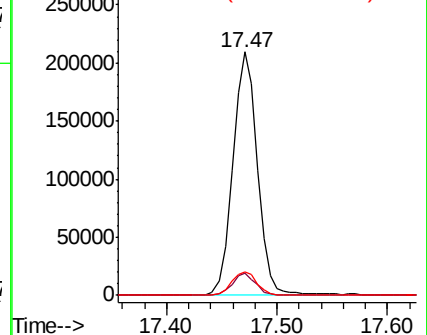
80 9.7 7.7 11.5



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: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

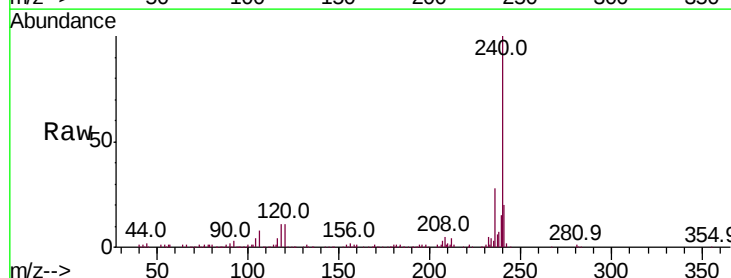
Tgt Ion:240 Resp: 277297

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

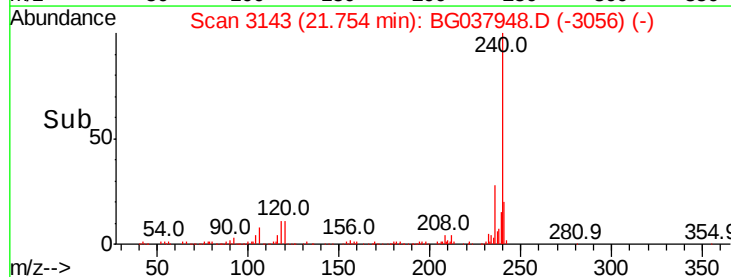
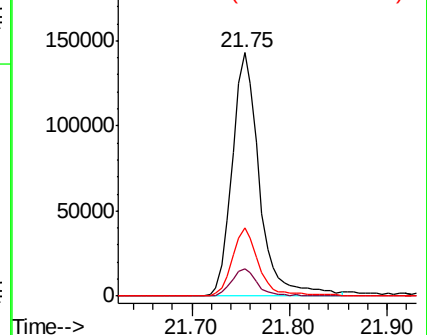
236 28.2 21.4 32.0

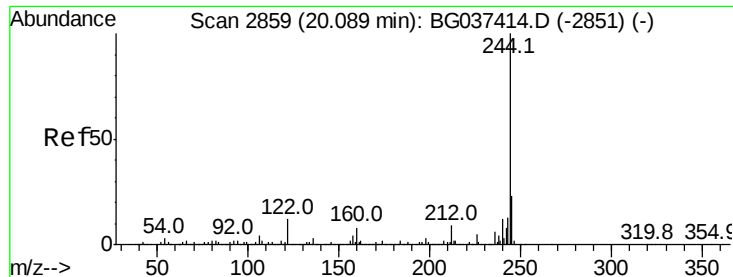


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.132 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037948.D

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Instrument :

BNA_G

ClientSampleId :

SB-3

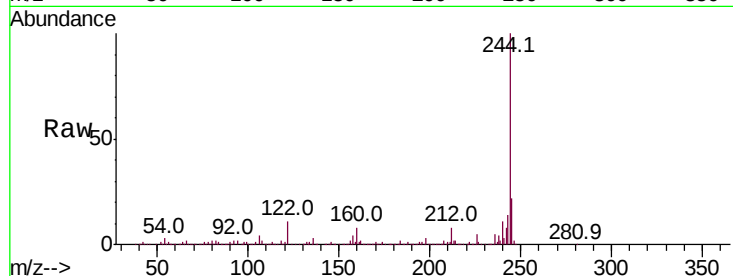
Tot Ion:244 Resp: 1195639

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

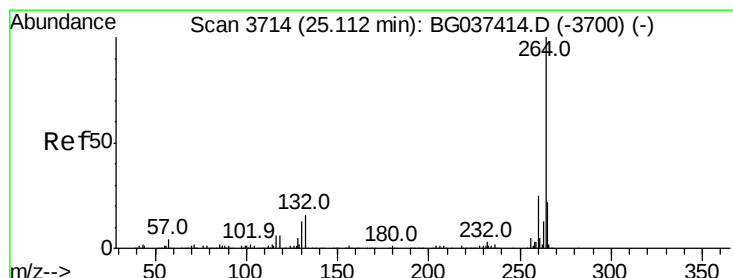
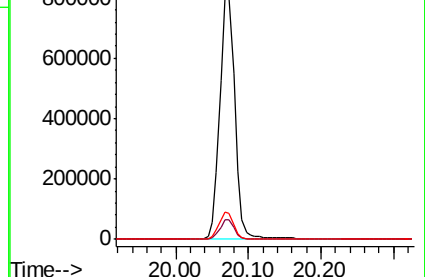
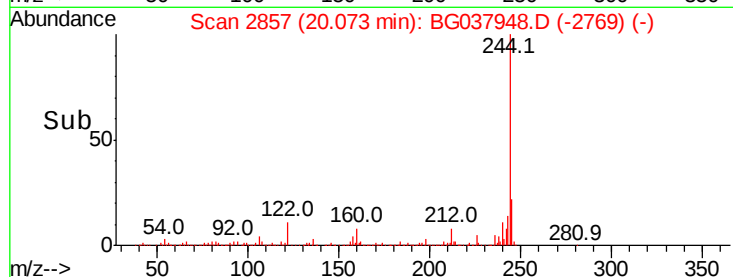
122 10.7 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037948.D

Acq: 12 Nov 2018 17:26

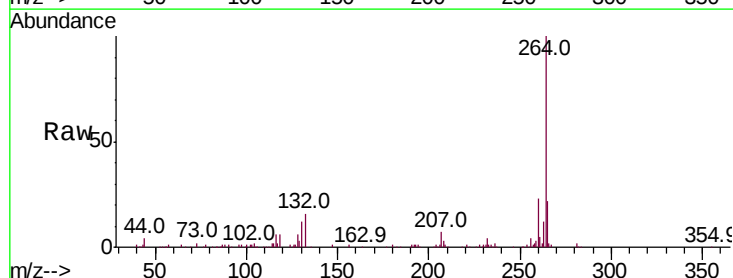
Tgt Ion:264 Resp: 225250

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.7 17.9 26.9



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

