

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031576.D
 Acq On : 15 Dec 2017 2:03
 Operator : SJ/JU
 Sample : I6888-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:19:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

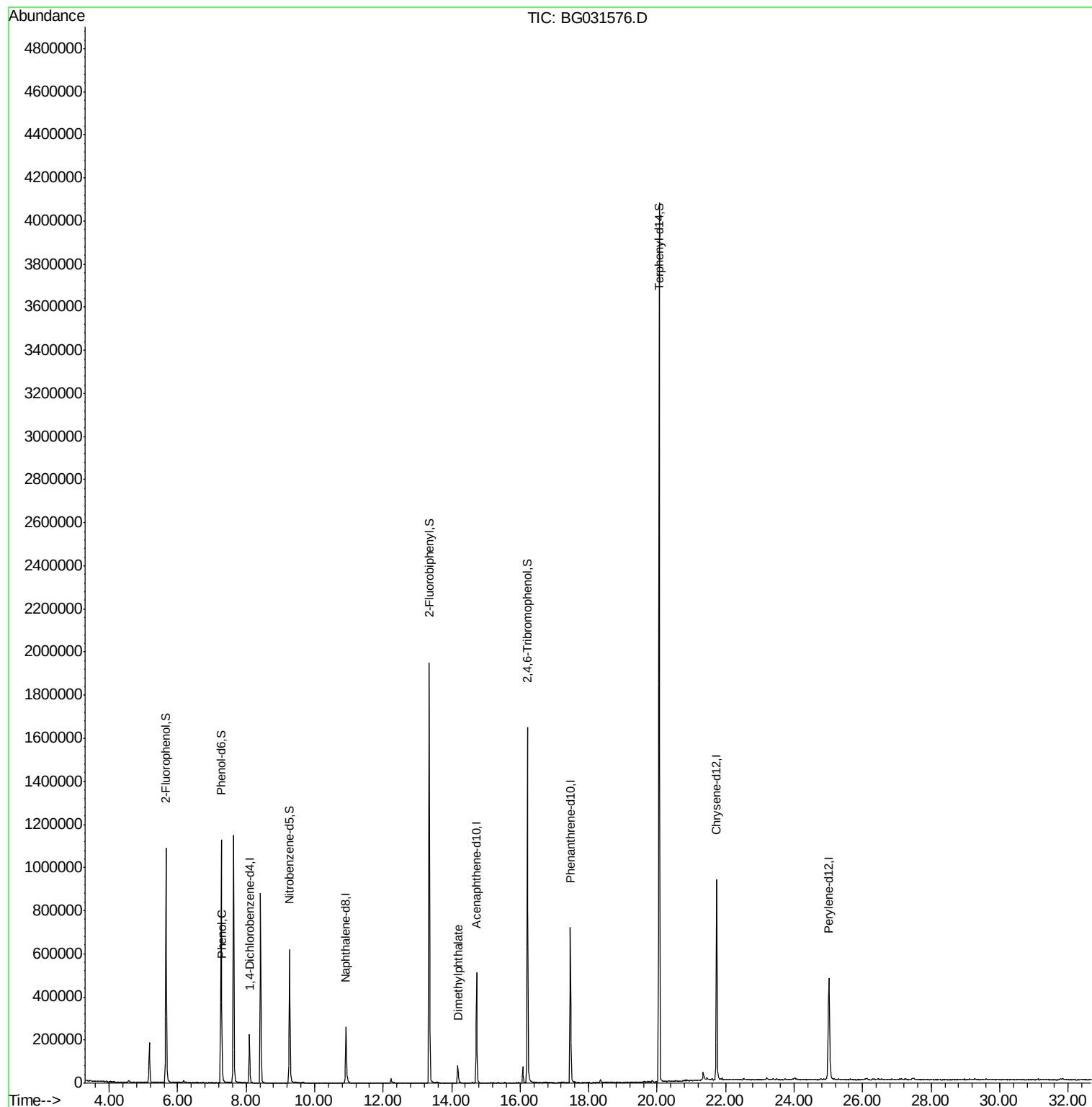
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70308	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	285801	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	188822	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	505127	20.00	ng	0.00
75) Chrysene-d12	21.73	240	626089	20.00	ng	-0.02
86) Perylene-d12	25.01	264	555424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	564886	142.41	ng	0.00
7) Phenol-d6	7.27	99	719312	130.63	ng	0.00
23) Nitrobenzene-d5	9.27	82	417063	89.95	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	345515	156.19	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1133476	88.11	ng	0.00
78) Terphenyl-d14	20.06	244	1985311	72.14	ng	0.00
Target Compounds						
10) Phenol	7.29	94	30337	5.363	ng	86
49) Dimethylphthalate	14.18	163	84054	5.377	ng	98

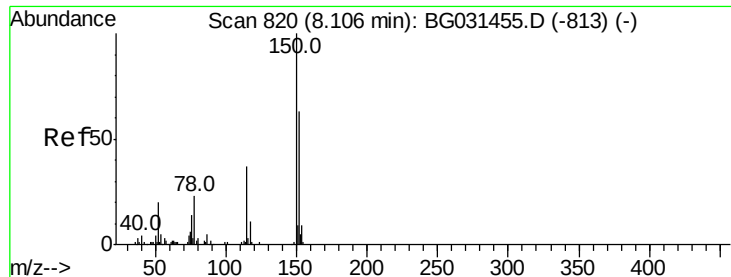
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



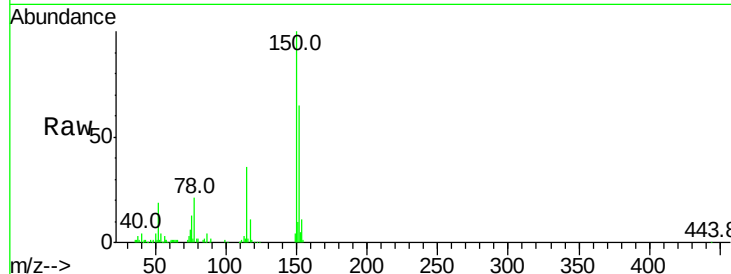


#1

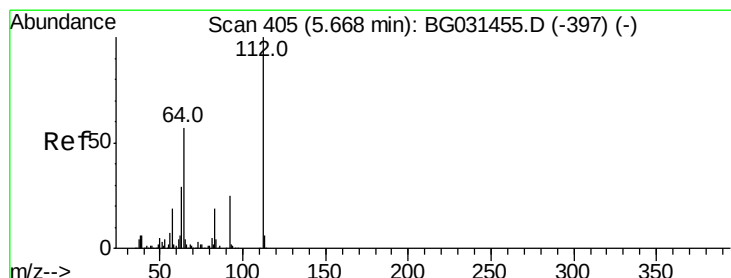
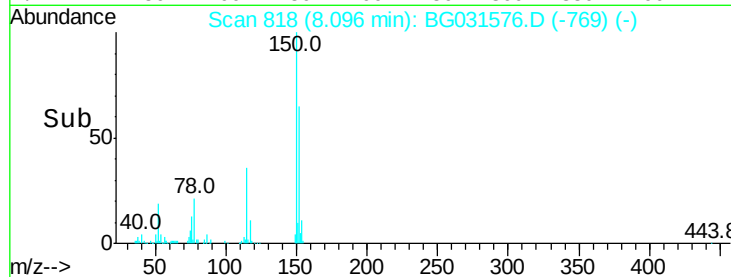
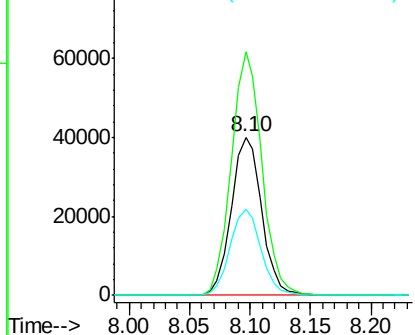
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031576.D
 Acq: 15 Dec 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 70308
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 54.8 53.0 79.4



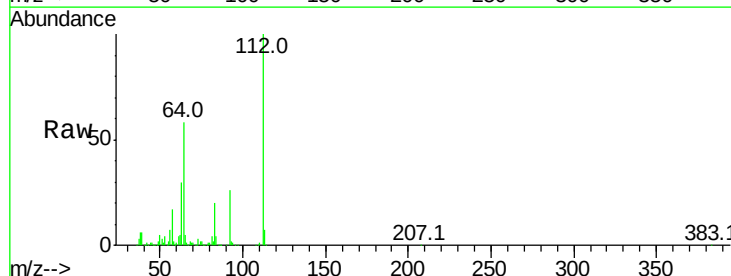
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



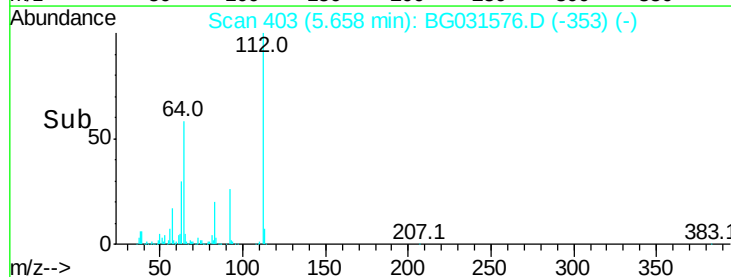
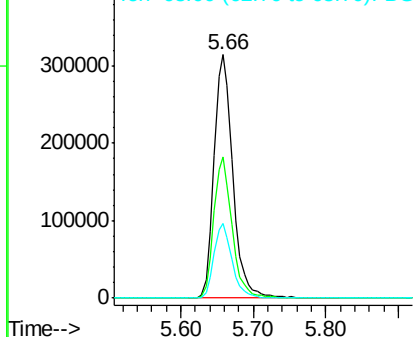
#5

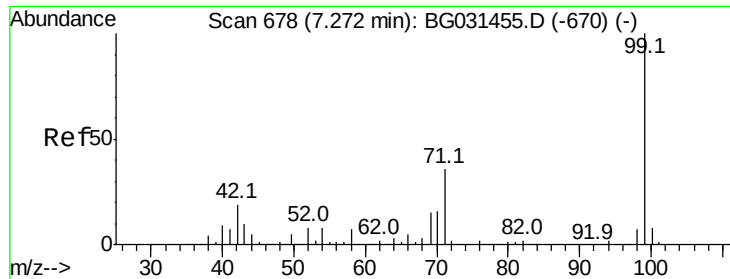
2-Fluorophenol
 Concen: 142.412 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031576.D
 Acq: 15 Dec 2017 2:03

Tgt Ion:112 Resp: 564886
 Ion Ratio Lower Upper
 112 100
 64 57.8 56.3 84.5
 63 30.5 30.1 45.1



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: 130.629 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031576.D

Acq: 15 Dec 2017 2:03

Instrument :

BNA_G

ClientSampleId :

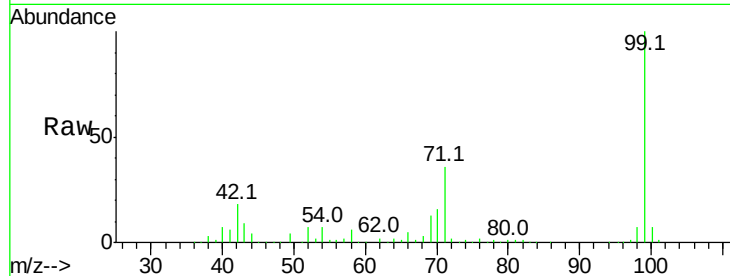
Tot Ion: 99 Resp: 719312

Ion Ratio Lower Upper

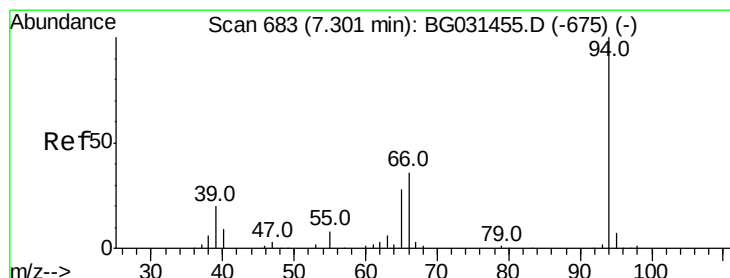
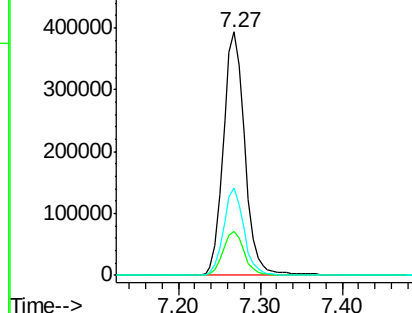
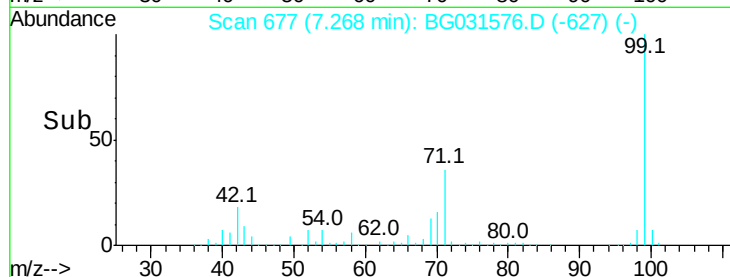
99 100

42 17.8 14.1 21.1

71 36.0 26.1 39.1



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: 5.363 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031576.D

Acq: 15 Dec 2017 2:03

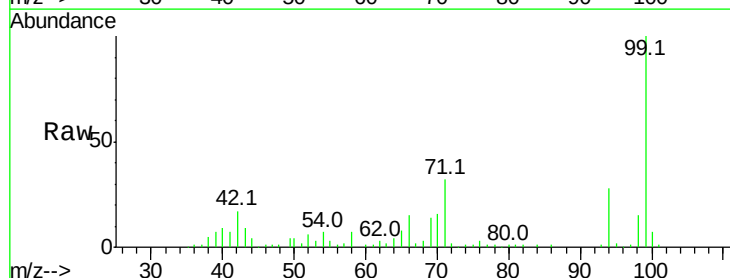
Tgt Ion: 94 Resp: 30337

Ion Ratio Lower Upper

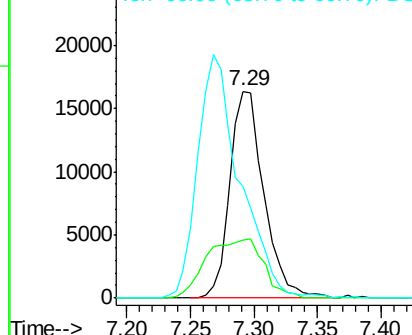
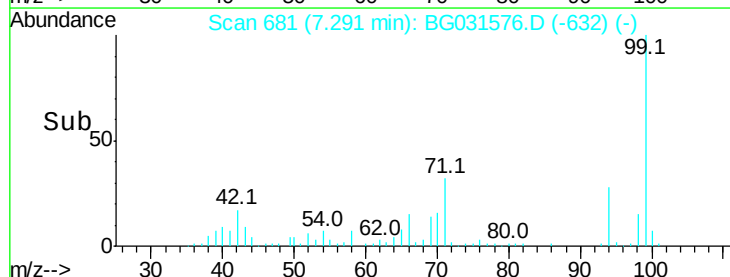
94 100

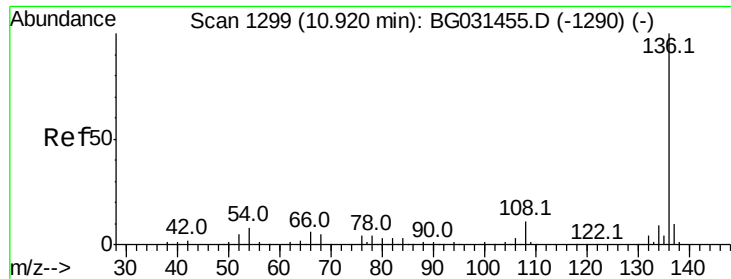
65 28.2 11.9 51.9

66 54.3 22.2 62.2



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

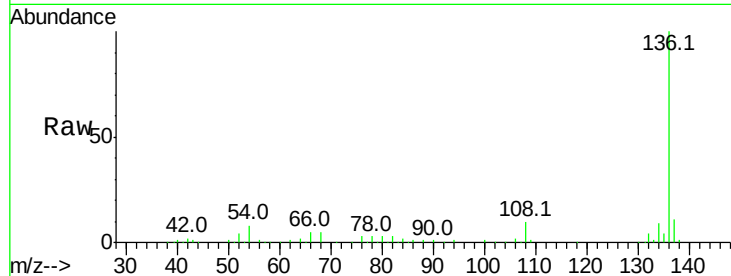




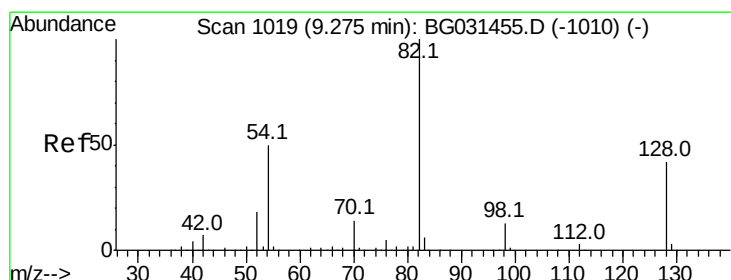
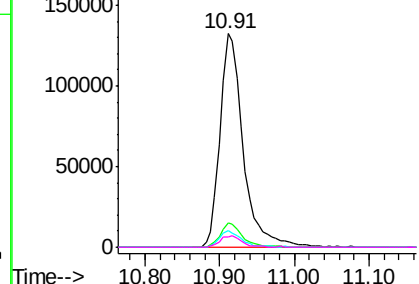
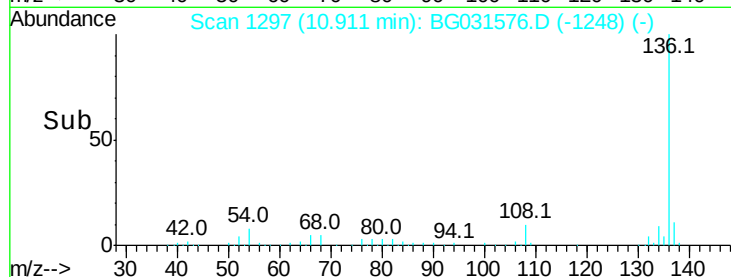
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	285801
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.6	10.3	15.5#
68	5.1	4.5	6.7

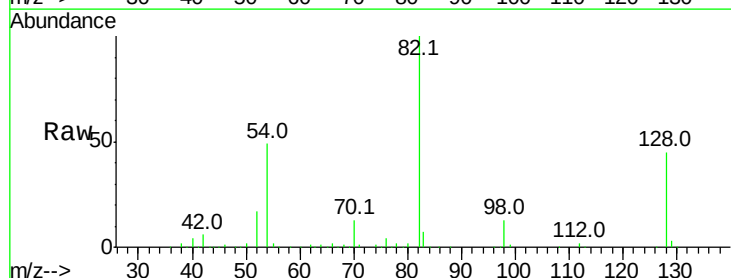


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

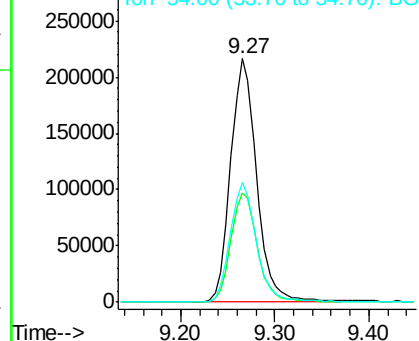
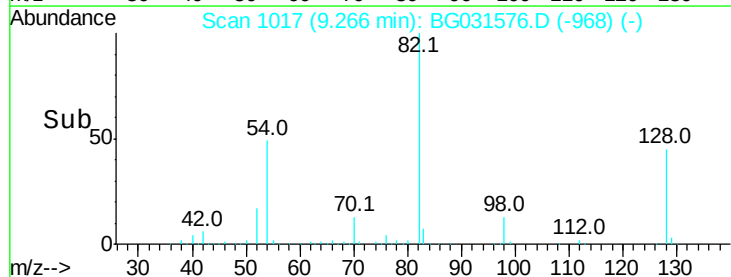


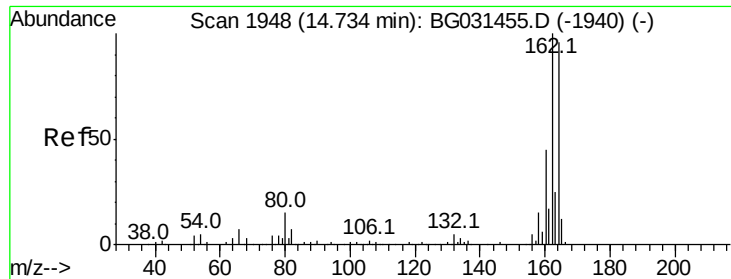
#23
Nitrobenzene-d5
Concen: 89.945 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Tgt Ion:	82	Resp:	417063
Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	48.8	43.1	64.7



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

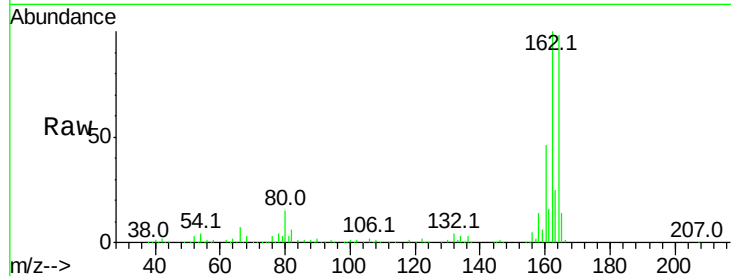




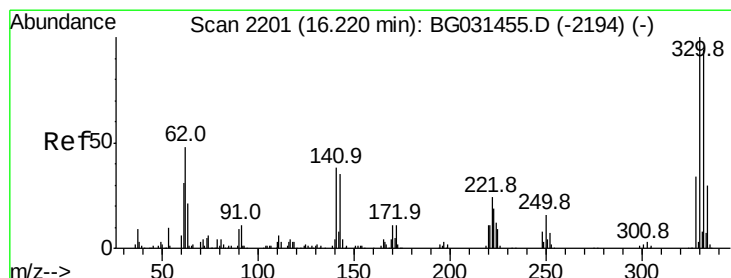
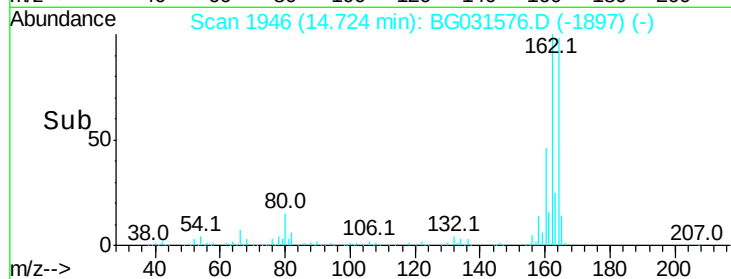
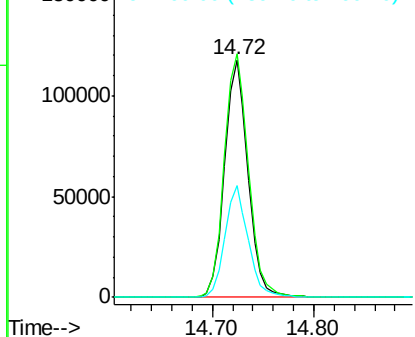
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 188822
Ion Ratio Lower Upper
164 100
162 102.4 78.8 118.2
160 46.8 35.4 53.0

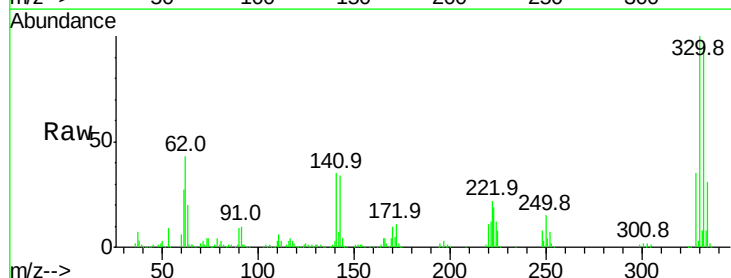


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

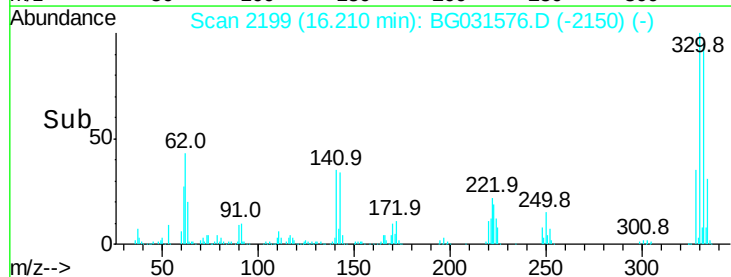
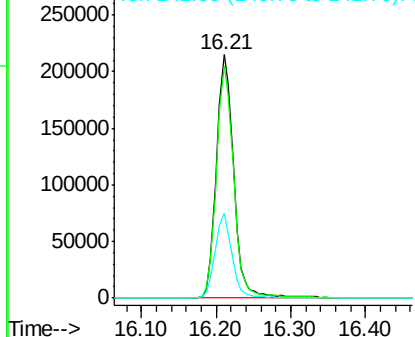


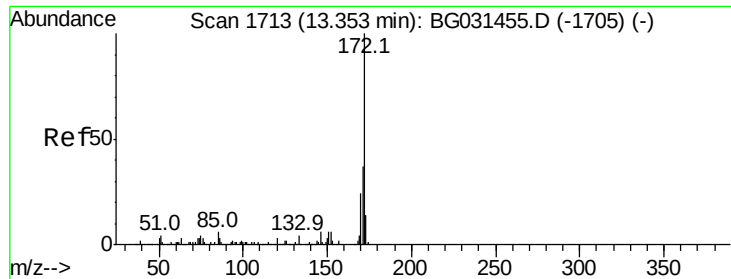
#41
2,4,6-Tribromophenol
Concen: 156.191 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Tgt Ion:330 Resp: 345515
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 34.3 25.2 37.8



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

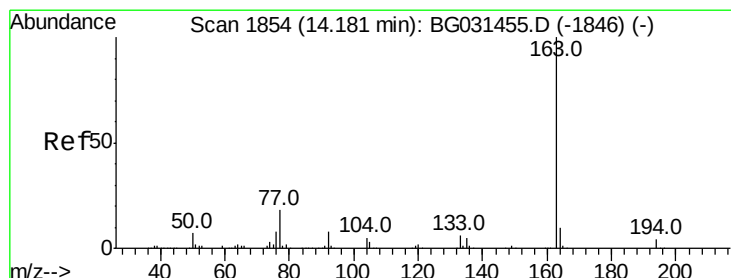
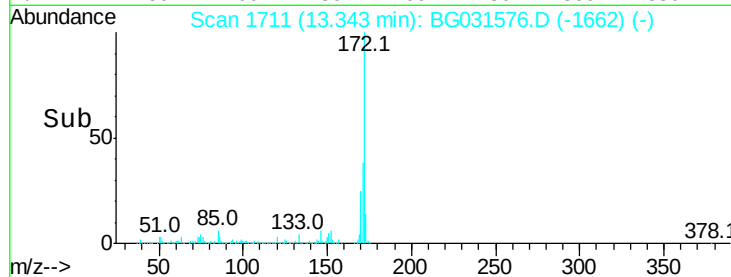
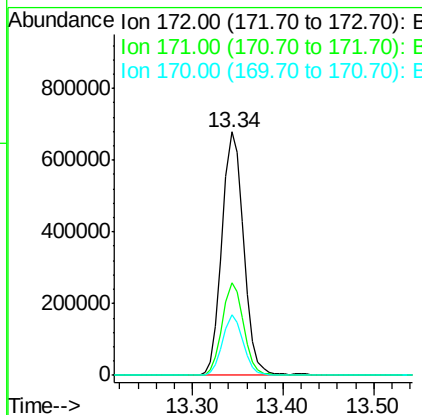
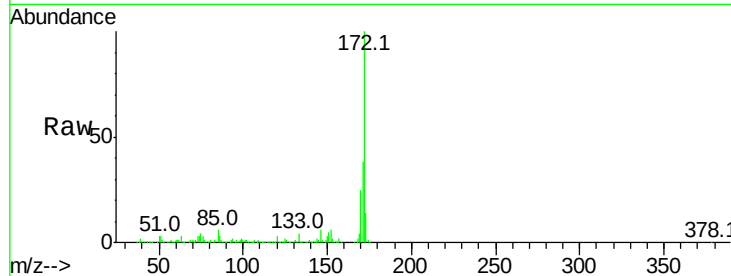




#44
2-Fluorobiphenyl
Concen: 88.114 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

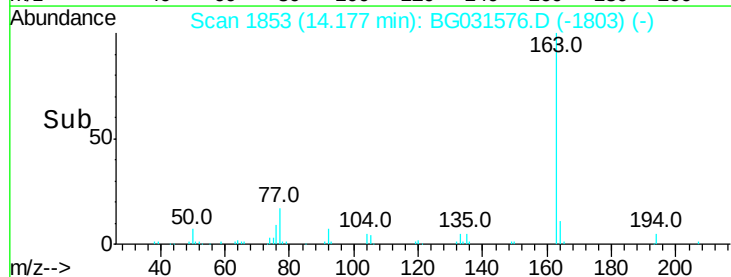
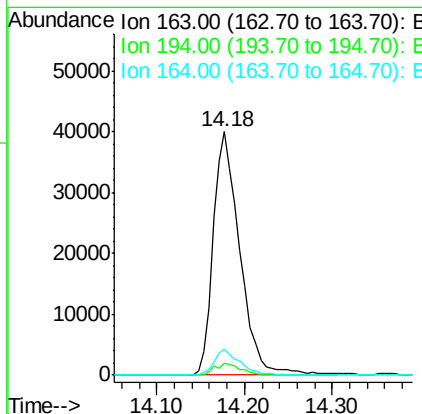
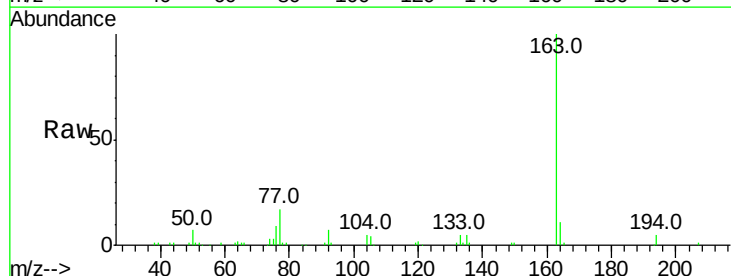
Instrument :
BNA_G
ClientSampleId :

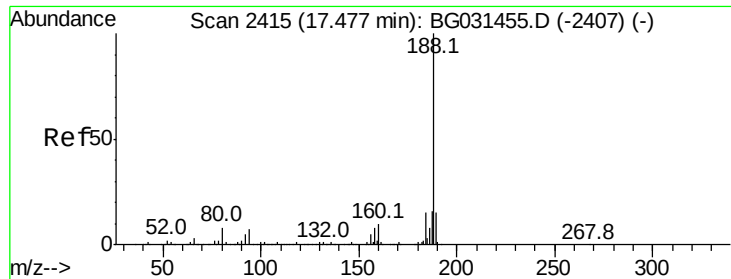
Tot Ion:172 Resp: 1133476
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 5.377 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Tgt Ion:163 Resp: 84054
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.7 8.2 12.4

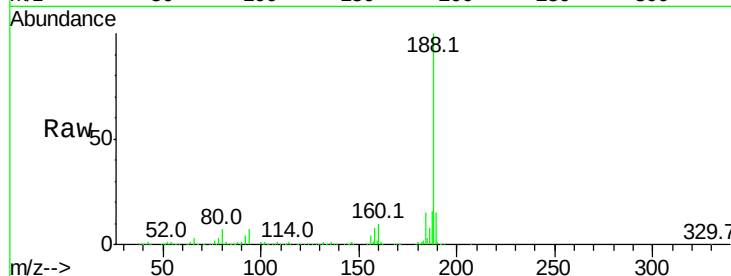




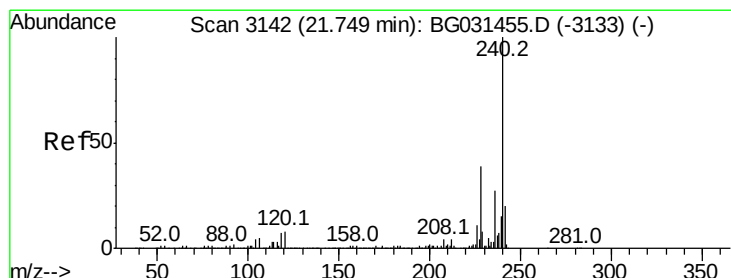
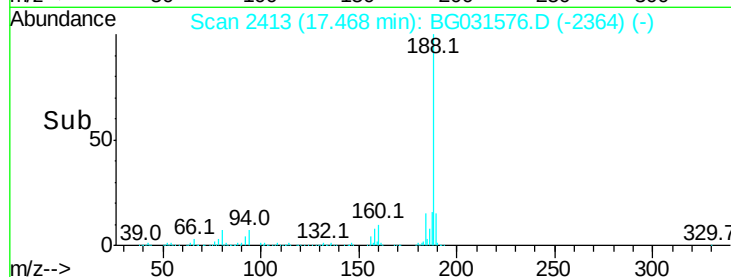
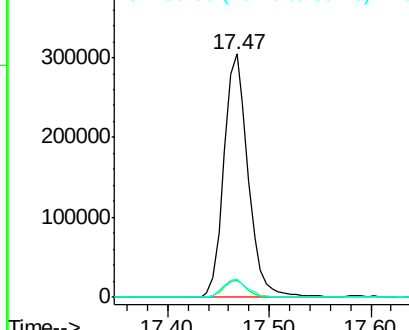
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.3	7.7	11.5#

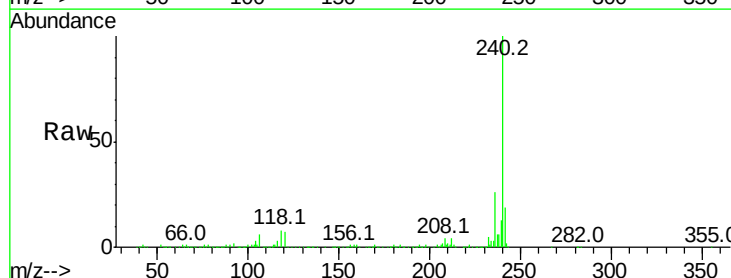


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

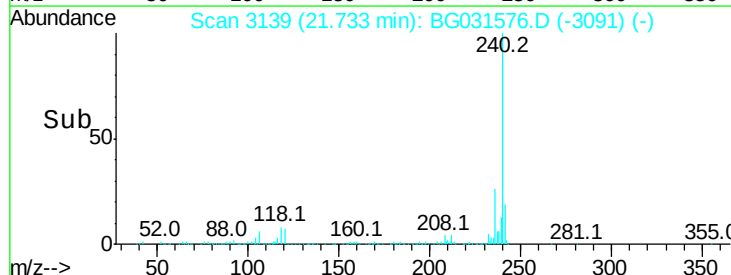
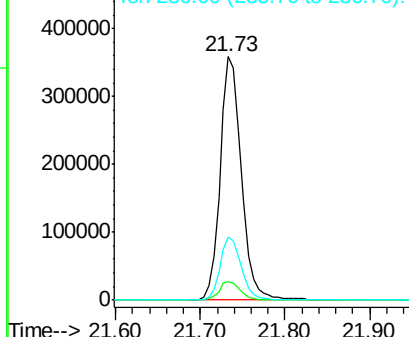


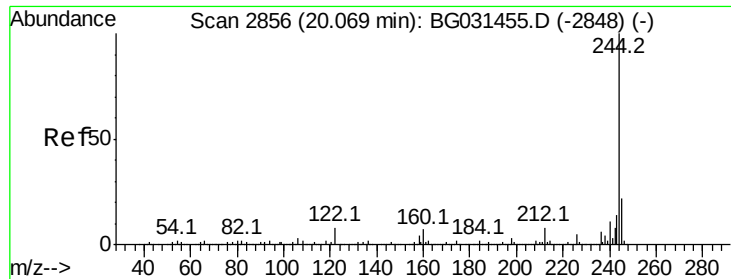
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031576.D
Acq: 15 Dec 2017 2:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.1	20.9	31.3



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





#78

Terphenyl-d14

Concen: 72.145 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031576.D

Acq: 15 Dec 2017 2:03

Instrument :

BNA_G

ClientSampleId :

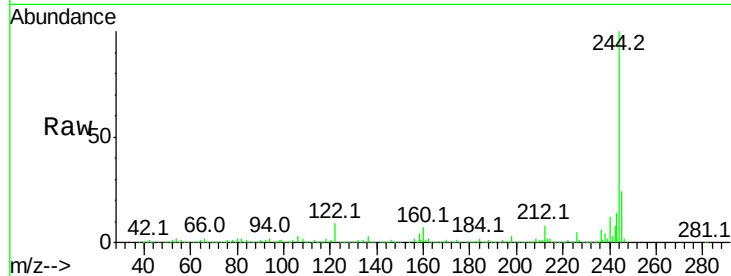
Tot Ion:244 Resp: 1985311

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

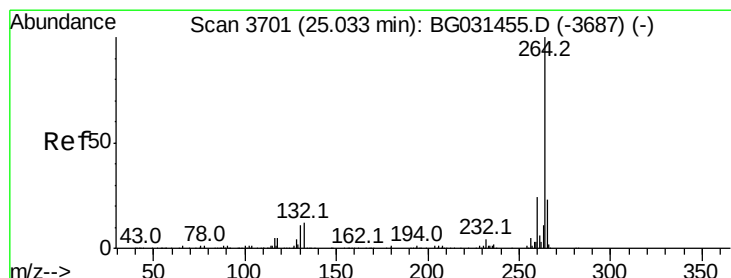
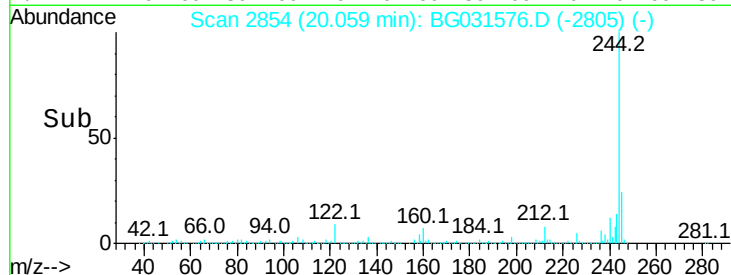
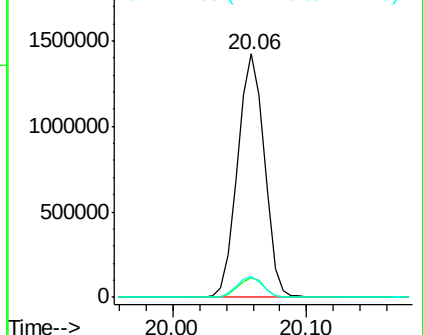
122 8.6 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031576.D

Acq: 15 Dec 2017 2:03

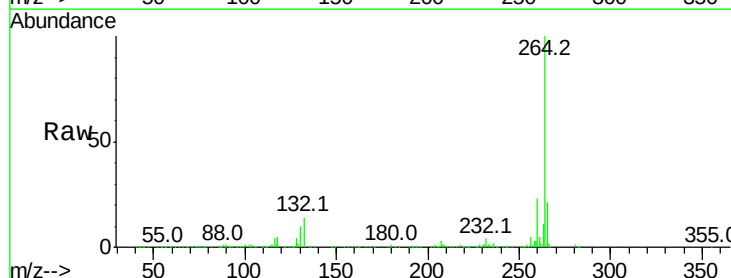
Tgt Ion:264 Resp: 555424

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.4 17.7 26.5



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

