

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031622.D
 Acq On : 16 Dec 2017 12:29
 Operator : SJ/JU
 Sample : I6880-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-U-M

Quant Time: Dec 18 03:28:29 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

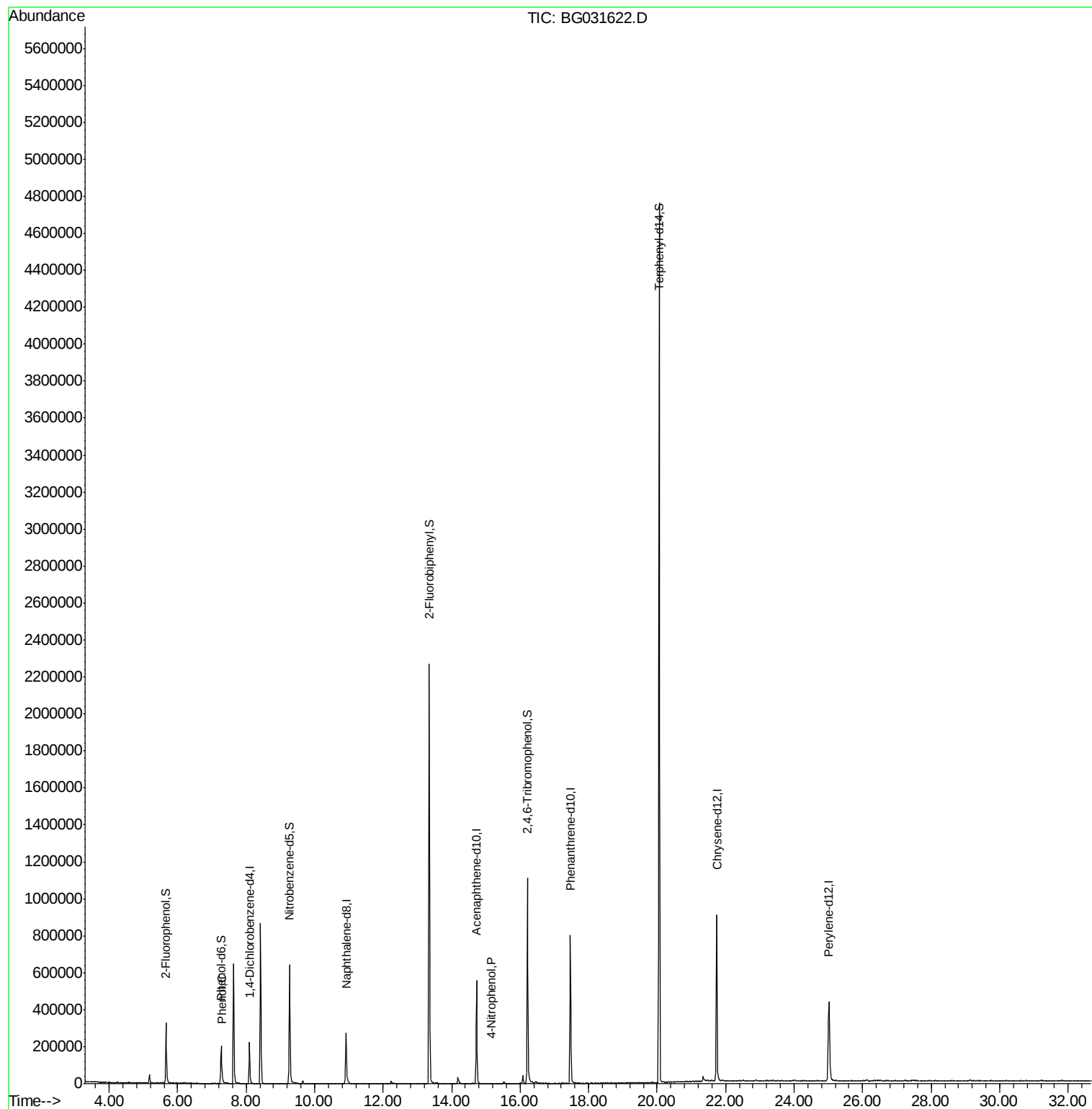
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69838	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	301357	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211631	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	560449	20.00	ng	0.00
75) Chrysene-d12	21.74	240	636973	20.00	ng	0.00
86) Perylene-d12	25.01	264	536013	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	180263	45.75	ng	0.00
7) Phenol-d6	7.27	99	147343	26.94	ng	0.00
23) Nitrobenzene-d5	9.27	82	440568	90.11	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	251826	101.57	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1319917	91.55	ng	0.00
78) Terphenyl-d14	20.06	244	2313476	82.63	ng	0.00
Target Compounds						
10) Phenol	7.30	94	19918	3.545	ng	97
55) 4-Nitrophenol	15.15	139	53	3.562	ng	# 1

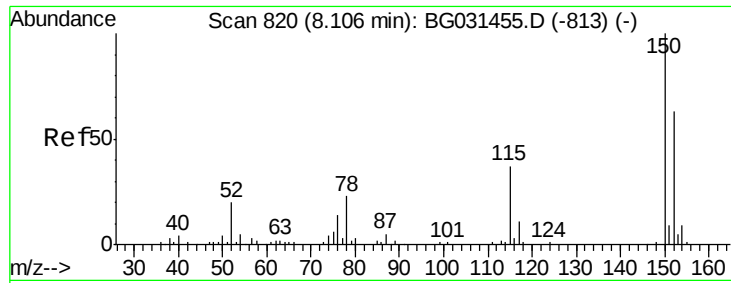
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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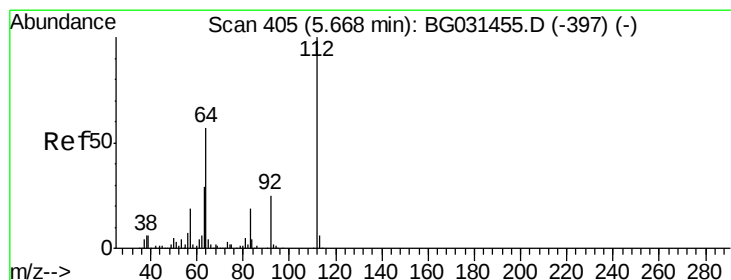
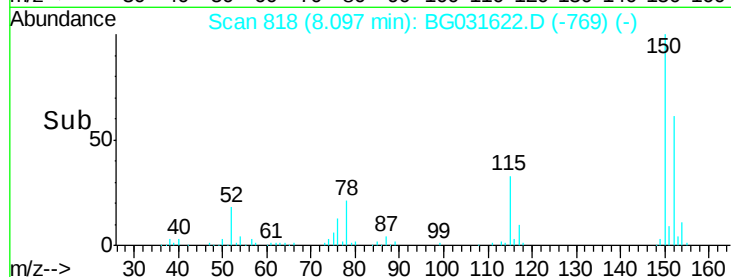
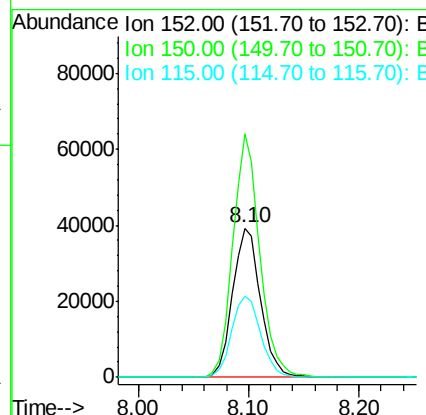
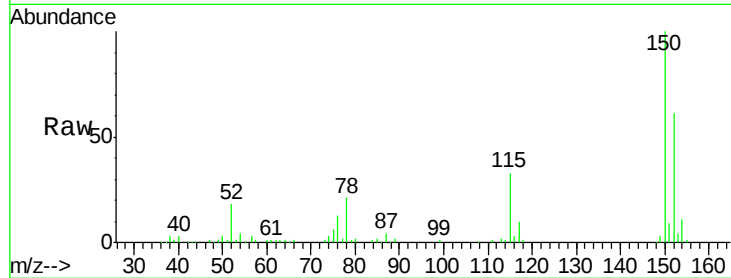




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031622.D
 Acq: 16 Dec 2017 12:29

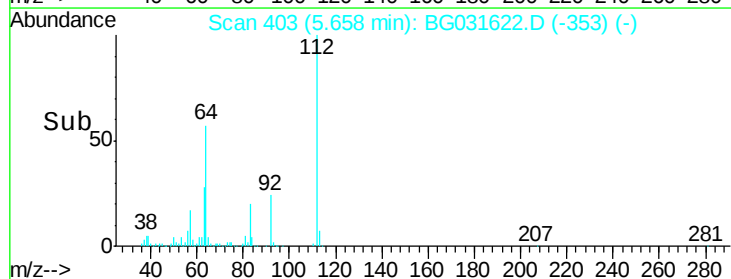
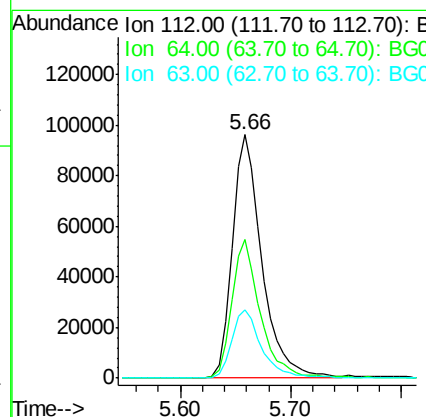
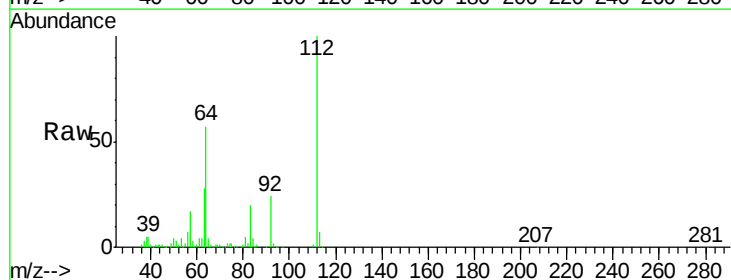
Instrument :
 BNA_G
 ClientSampleId :
 120817-JETT-F-U-M

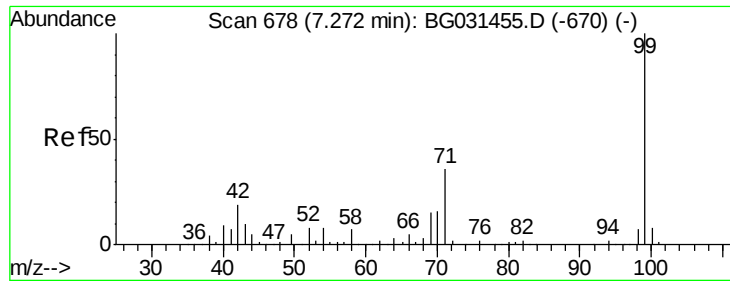
Tgt Ion:152 Resp: 69838
 Ion Ratio Lower Upper
 152 100
 150 163.3 126.6 189.8
 115 54.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 45.752 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031622.D
 Acq: 16 Dec 2017 12:29

Tgt Ion:112 Resp: 180263
 Ion Ratio Lower Upper
 112 100
 64 57.1 56.3 84.5
 63 28.0 30.1 45.1#





#7

Phenol-d6

Concen: 26.938 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031622.D

Acq: 16 Dec 2017 12:29

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-M

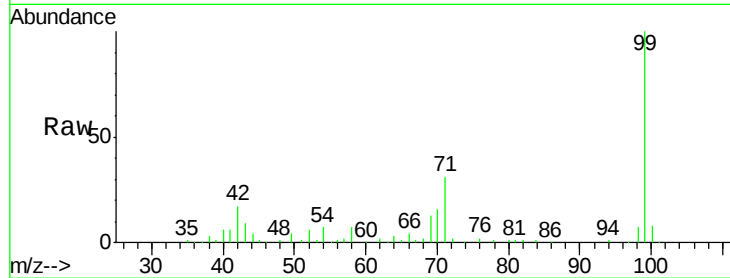
Tgt Ion: 99 Resp: 147343

Ion Ratio Lower Upper

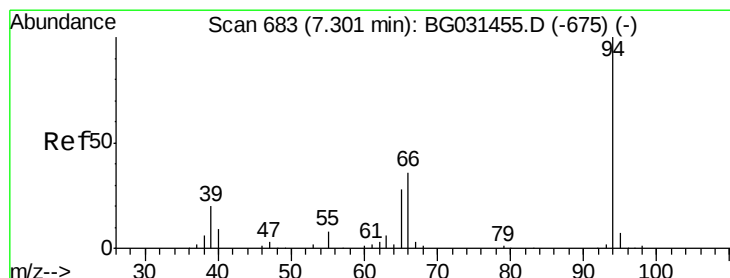
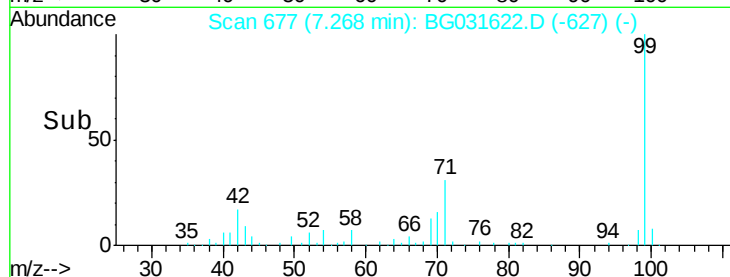
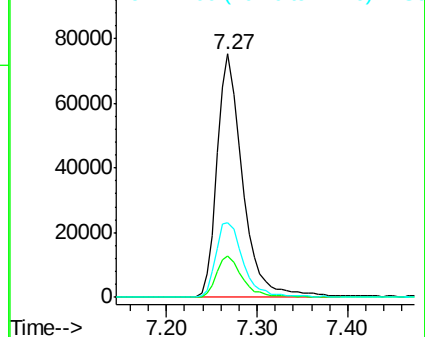
99 100

42 17.1 14.1 21.1

71 30.9 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: 3.545 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031622.D

Acq: 16 Dec 2017 12:29

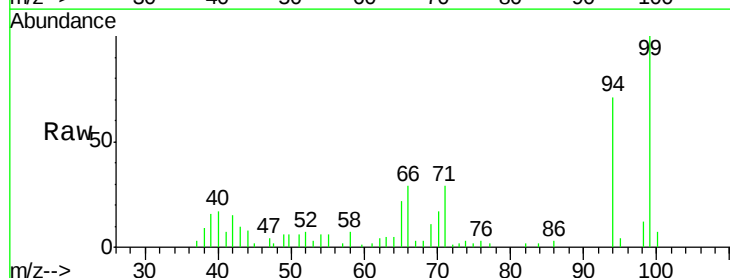
Tgt Ion: 94 Resp: 19918

Ion Ratio Lower Upper

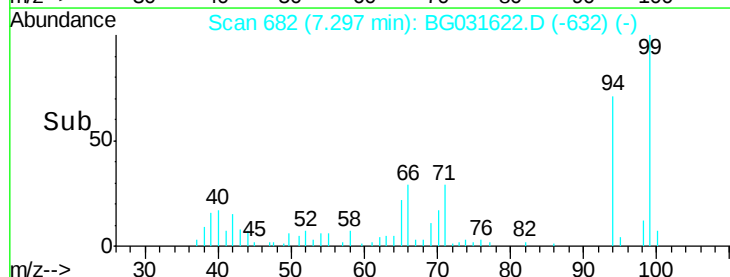
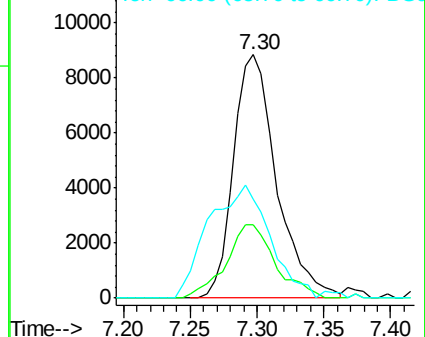
94 100

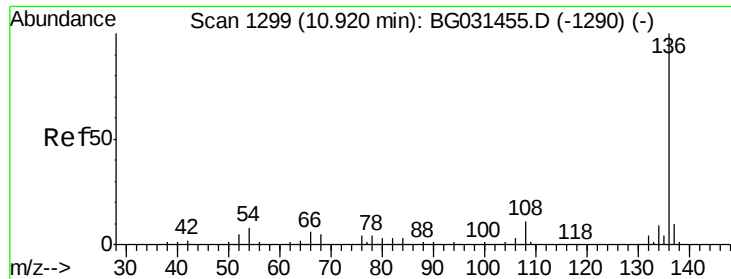
65 30.1 11.9 51.9

66 40.7 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

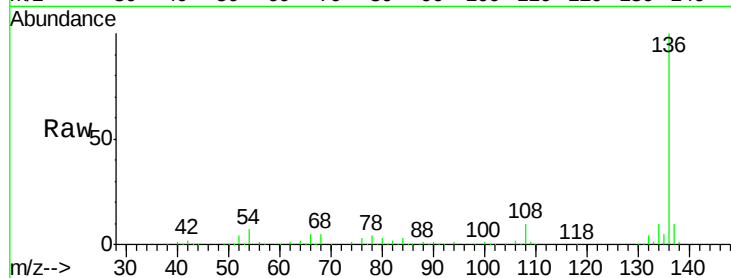




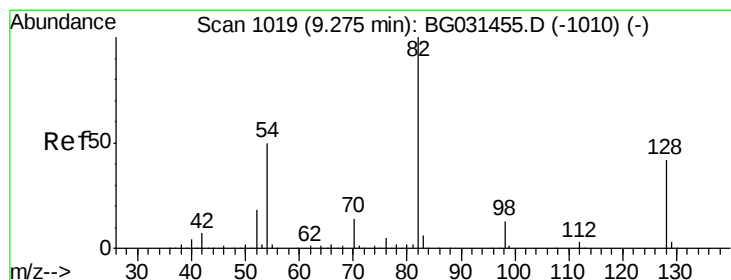
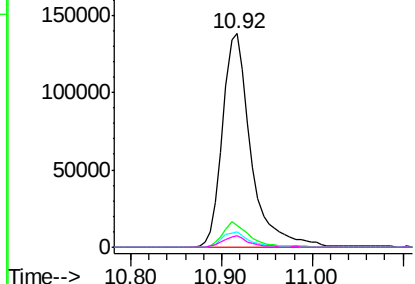
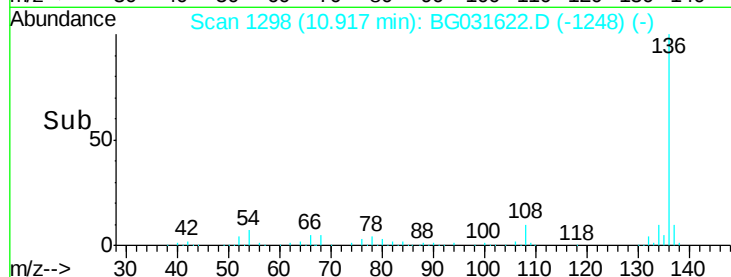
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG031622.D
Acq: 16 Dec 2017 12:29

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-U-M

Tgt Ion:	136	Resp:	301357
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.3	10.3	15.5#
68	5.4	4.5	6.7

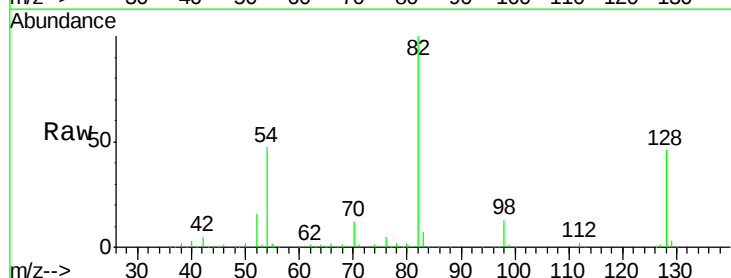


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

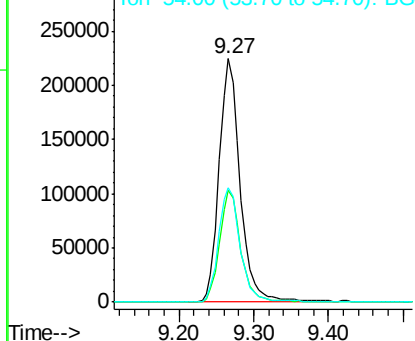
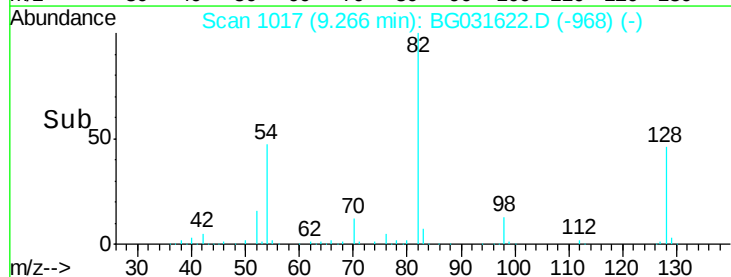


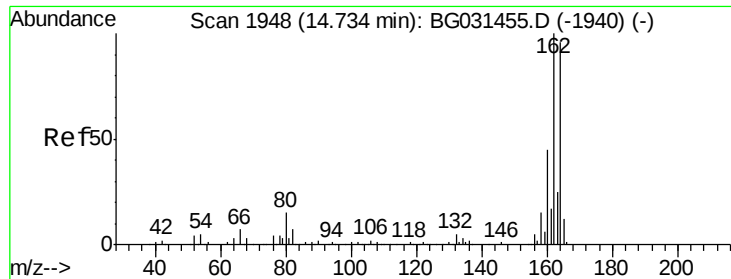
#23
Nitrobenzene-d5
Concen: 90.110 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031622.D
Acq: 16 Dec 2017 12:29

Tgt Ion:	82	Resp:	440568
Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	47.2	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: BG031622.D

Acq: 16 Dec 2017 12:29

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-M

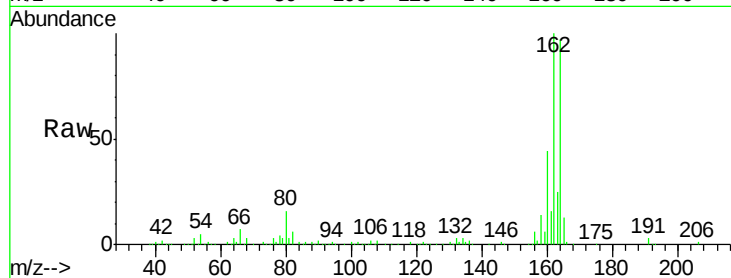
Tgt Ion:164 Resp: 211631

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

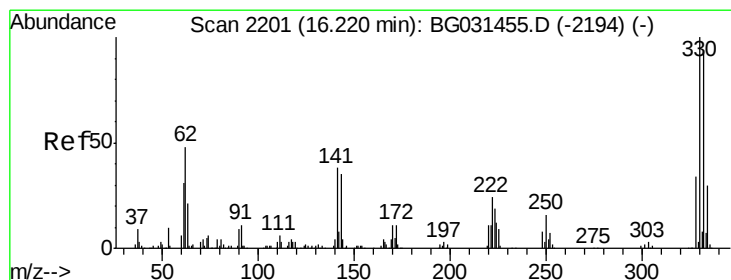
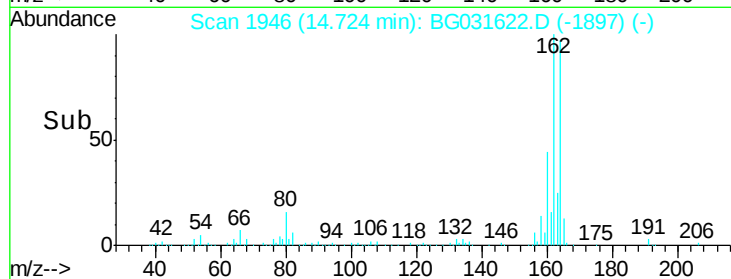
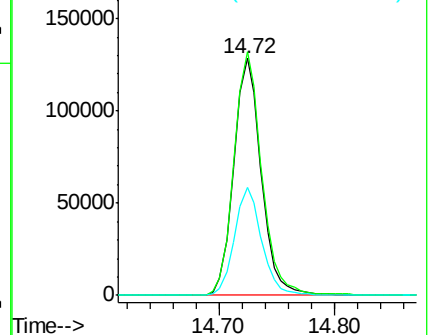
160 45.3 35.4 53.0



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: 101.570 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG031622.D

Acq: 16 Dec 2017 12:29

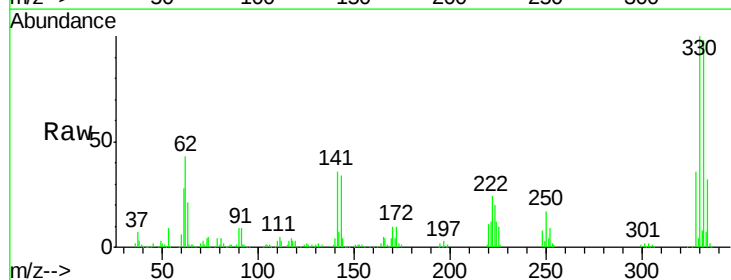
Tgt Ion:330 Resp: 251826

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

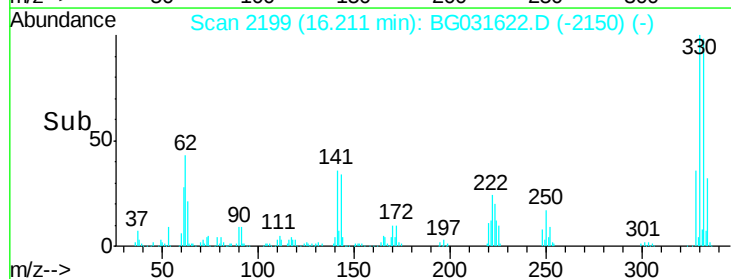
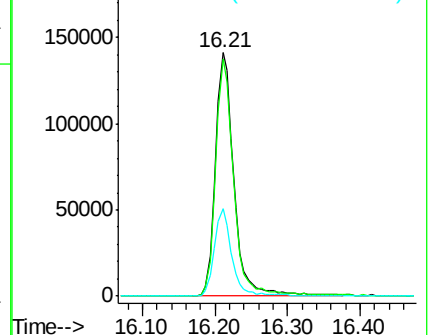
141 33.8 25.2 37.8

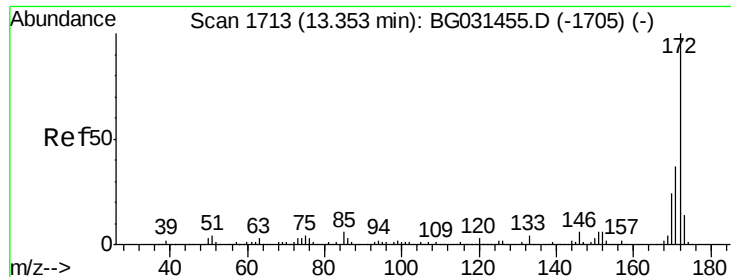


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

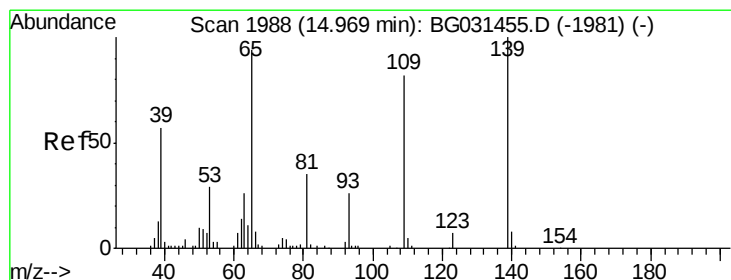
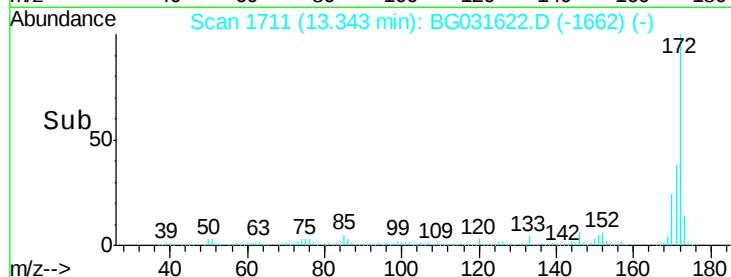
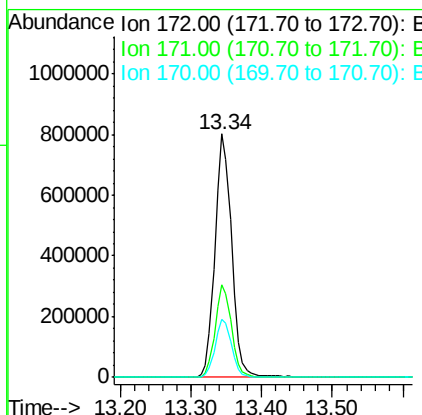
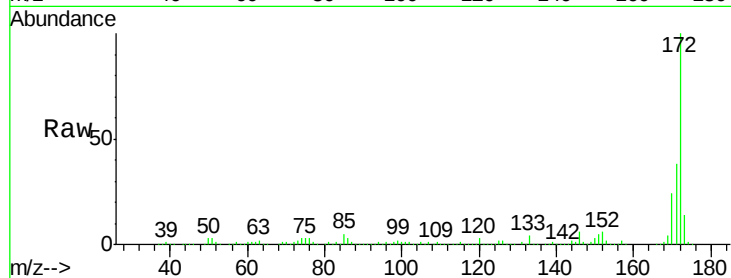




#44
 2-Fluorobiphenyl
 Concen: 91.549 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031622.D
 Acq: 16 Dec 2017 12:29

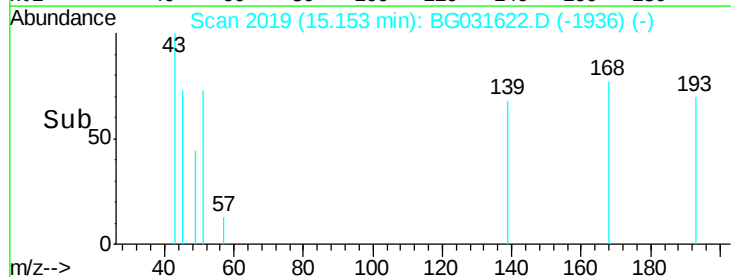
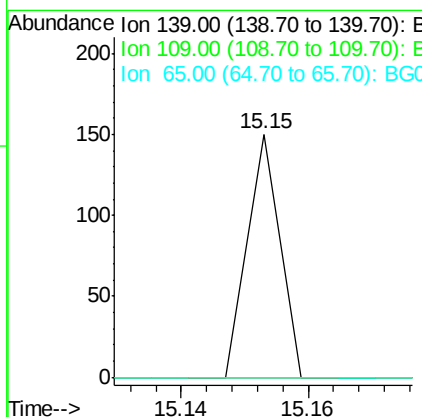
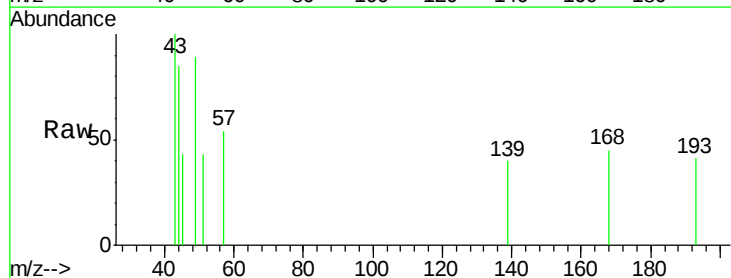
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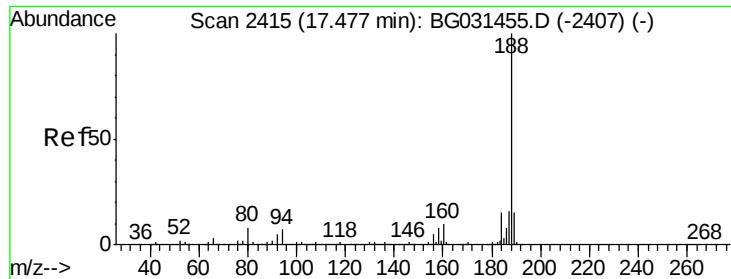
Tgt Ion:172 Resp: 1319917
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.7 19.5 29.3



#55
 4-Nitrophenol
 Concen: 3.562 ng
 RT: 15.15 min Scan# 2019
 Delta R.T. 0.18 min
 Lab File: BG031622.D
 Acq: 16 Dec 2017 12:29

Tgt Ion:139 Resp: 53
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#

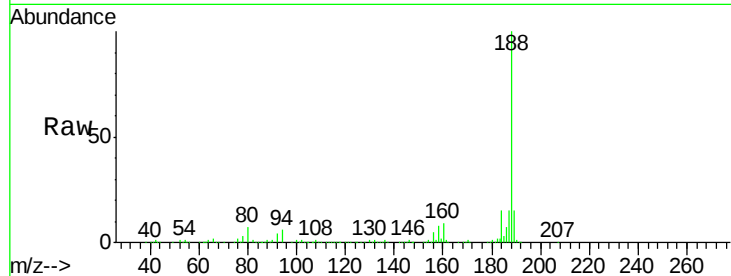




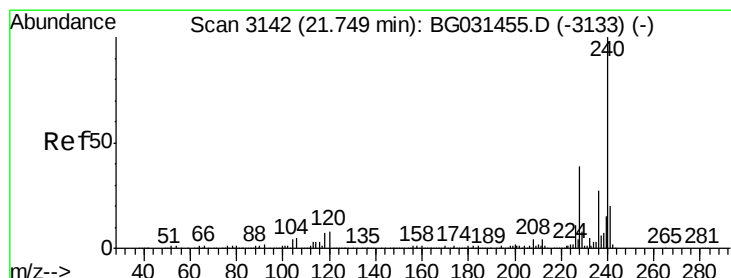
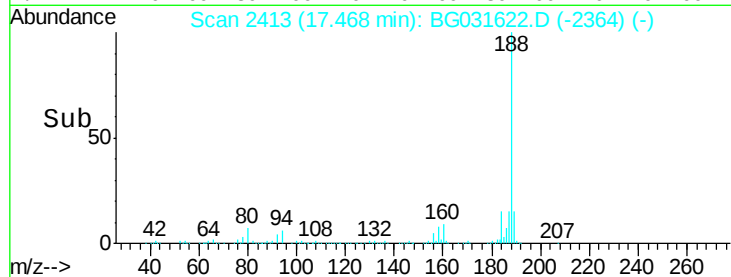
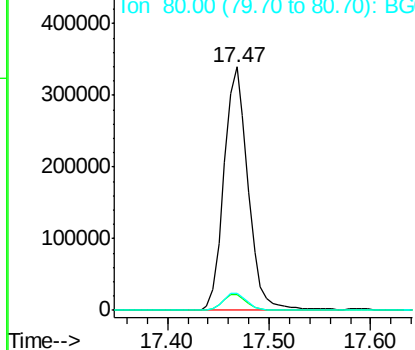
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031622.D
Acq: 16 Dec 2017 12:29

Instrument :
BNA_G
ClientSampleId :
120817-JETT-F-U-M

Tgt Ion:188 Resp: 560449
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.1 7.7 11.5#

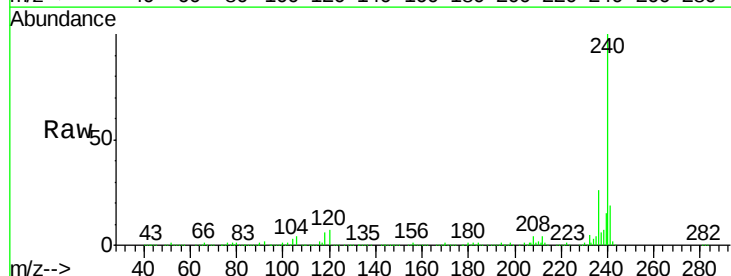


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

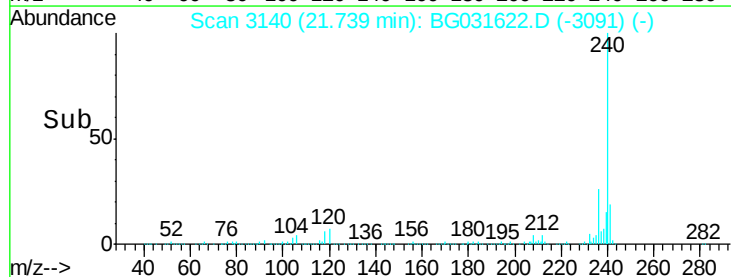
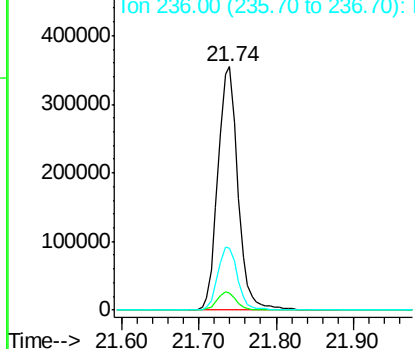


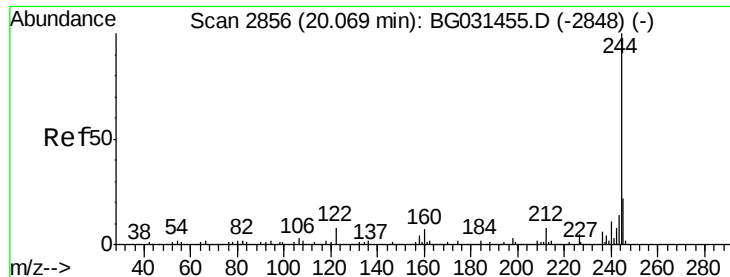
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031622.D
Acq: 16 Dec 2017 12:29

Tgt Ion:240 Resp: 636973
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 25.6 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: 82.634 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031622.D

Acq: 16 Dec 2017 12:29

Instrument :

BNA_G

ClientSampleId :

120817-JETT-F-U-M

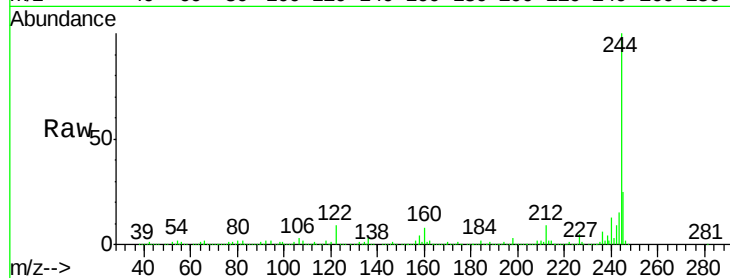
Tgt Ion:244 Resp: 2313476

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

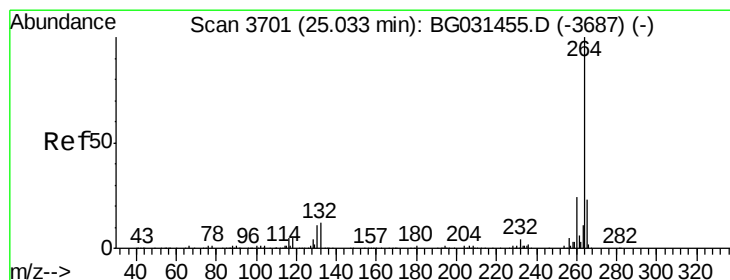
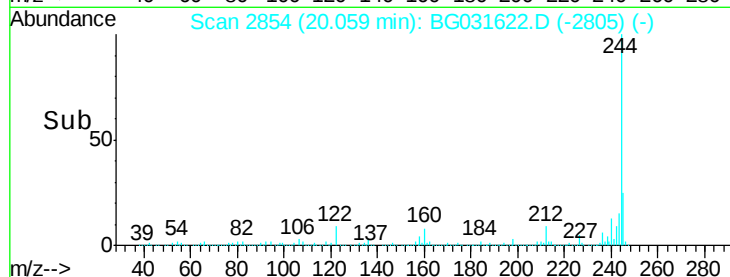
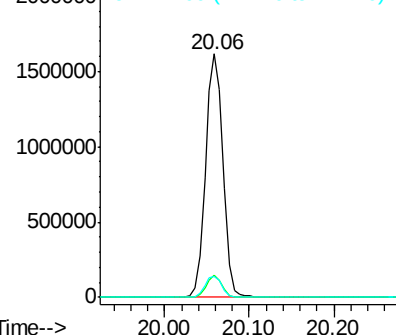
122 8.8 7.0 10.4



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: BG031622.D

Acq: 16 Dec 2017 12:29

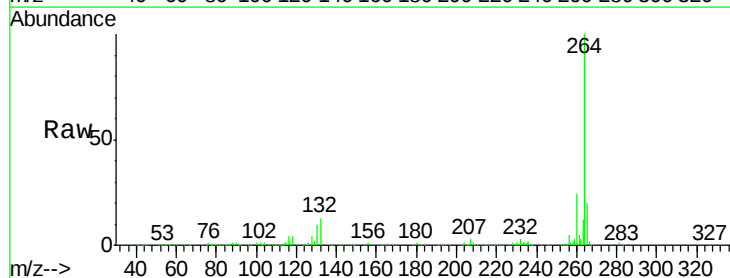
Tgt Ion:264 Resp: 536013

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.5 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

