

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038829.D
 Acq On : 26 Dec 2018 14:18
 Operator : JU/SJ
 Sample : J6505-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-64(0-23)-COMP

Quant Time: Dec 26 15:55:54 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

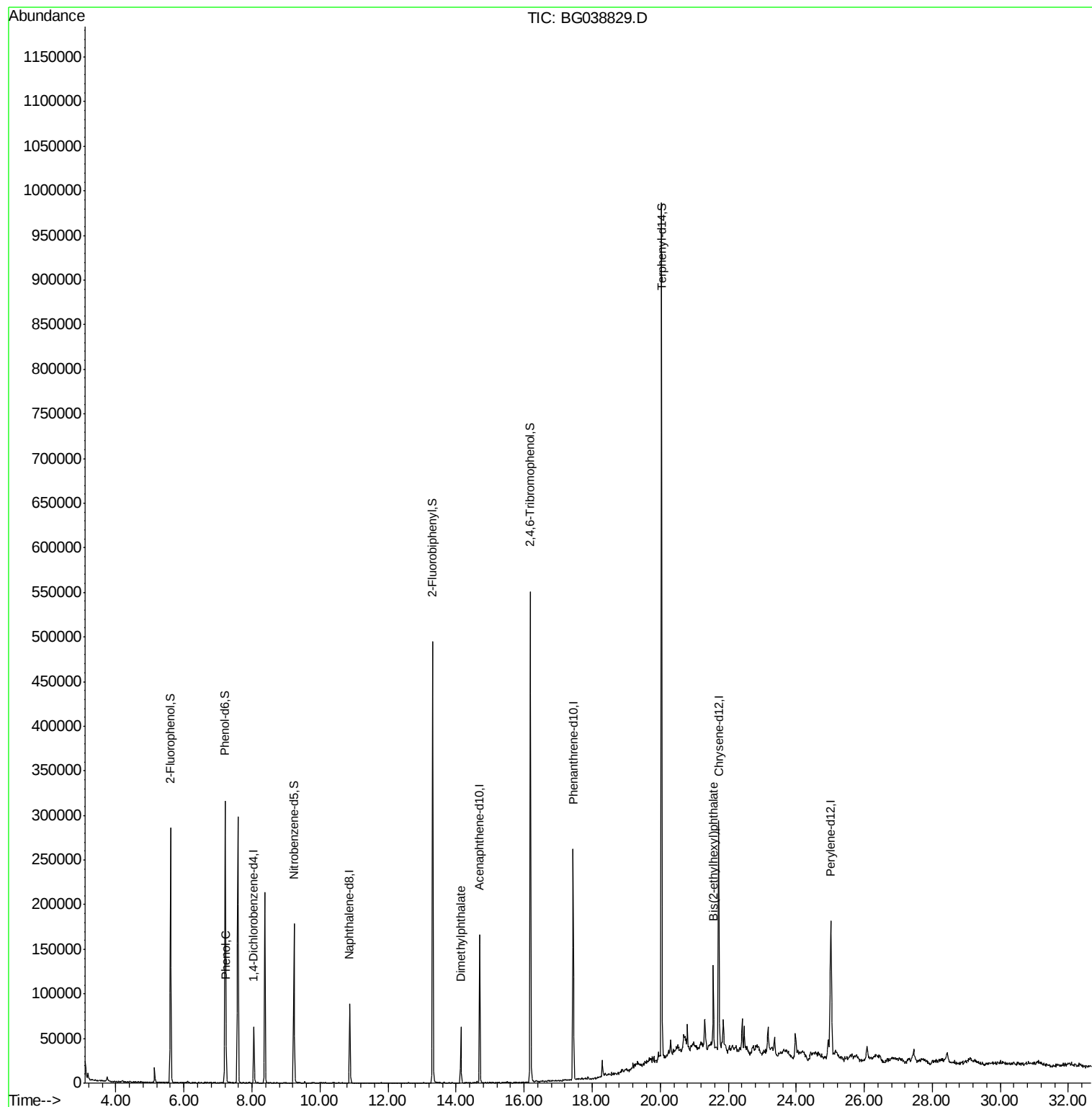
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19719	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81081	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62319	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169965	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164186	20.00	ng	0.00
87) Perylene-d12	25.02	264	182707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	126507	113.79	ng	0.00
7) Phenol-d6	7.21	99	181356	118.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	110491	69.62	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	119764	139.44	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	278903	61.40	ng	0.00
79) Terphenyl-d14	20.04	244	503576	66.75	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13159	8.115	ng	95
50) Dimethylphthalate	14.14	163	48443	9.519	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	41962	6.982	ng	94

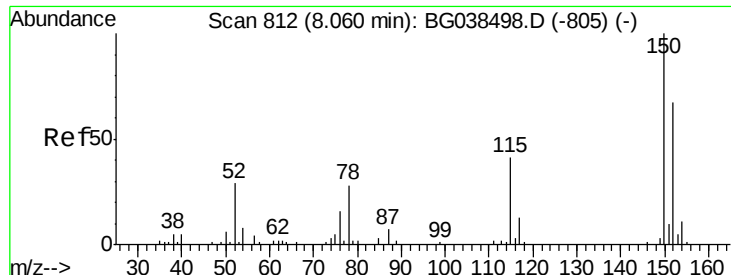
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_G

ClientSampleId :

SB-64(0-23)-COMP

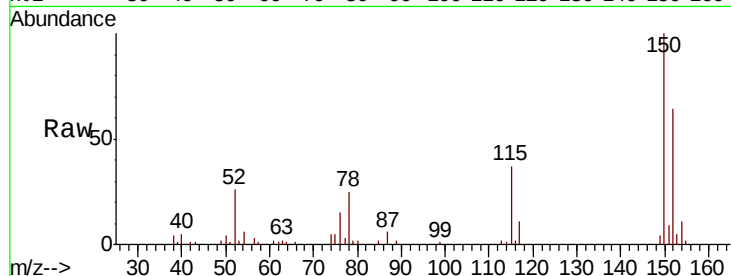
Tot Ion:152 Resp: 19719

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

115 58.2 49.6 74.4

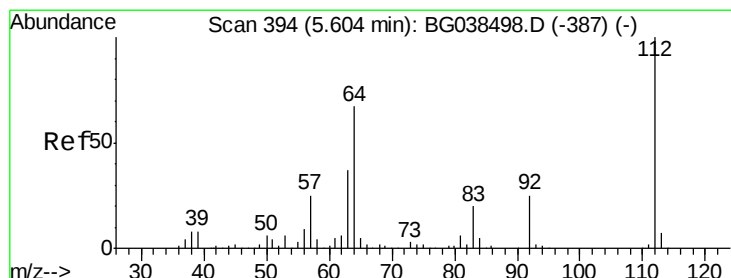
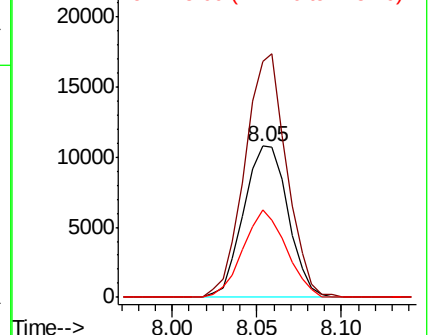
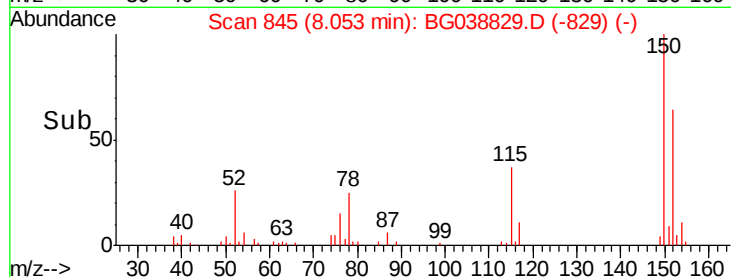


Abundance

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: 113.788 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

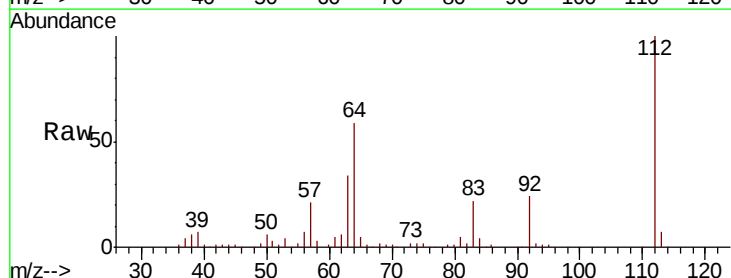
Tgt Ion:112 Resp: 126507

Ion Ratio Lower Upper

112 100

64 58.7 53.4 80.2

63 34.3 29.3 43.9

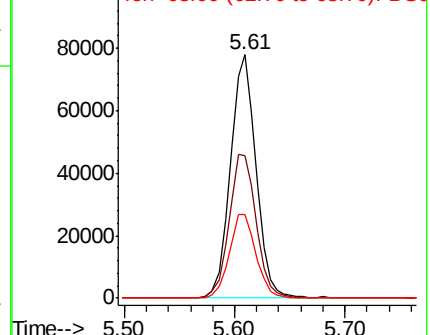
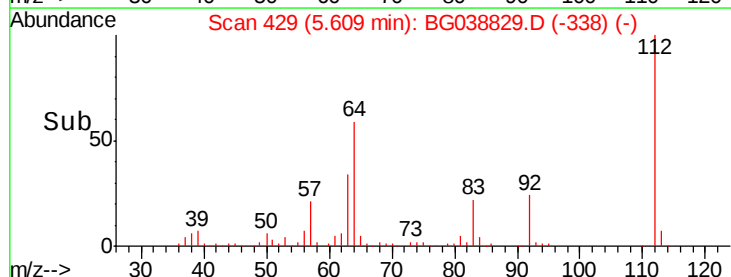


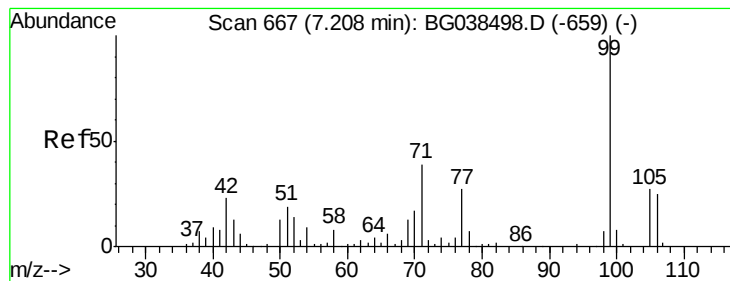
Abundance

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: 118.825 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_G

ClientSampleId :

SB-64(0-23)-COMP

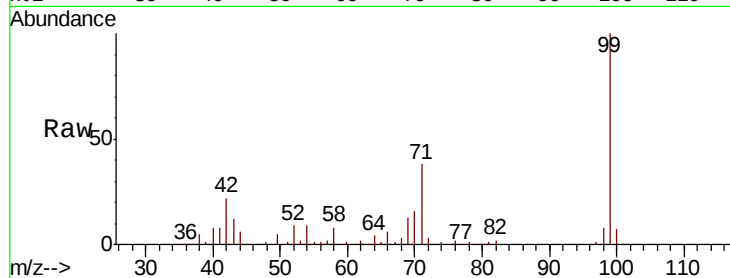
Tot Ion: 99 Resp: 181356

Ion Ratio Lower Upper

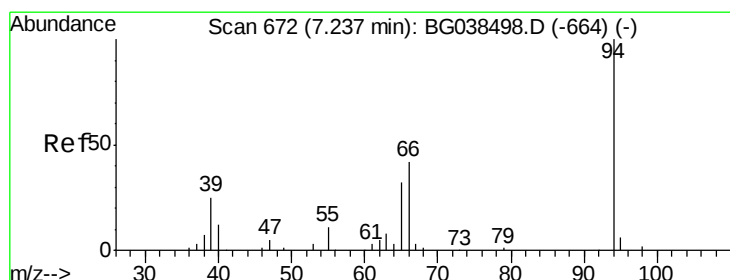
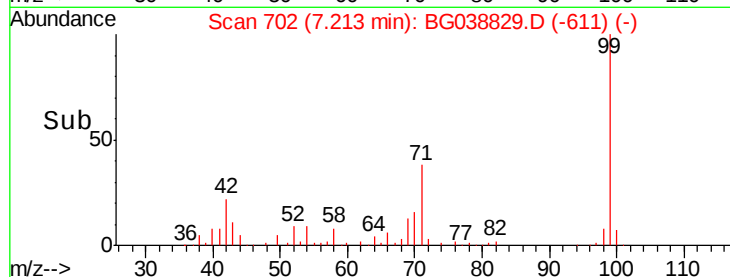
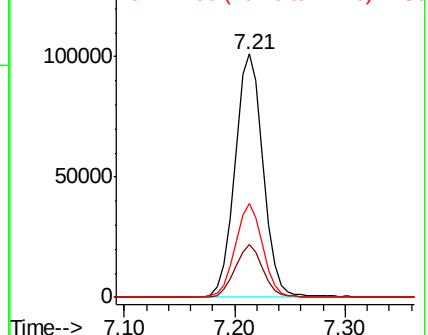
99 100

42 22.0 18.5 27.7

71 38.4 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: 8.115 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

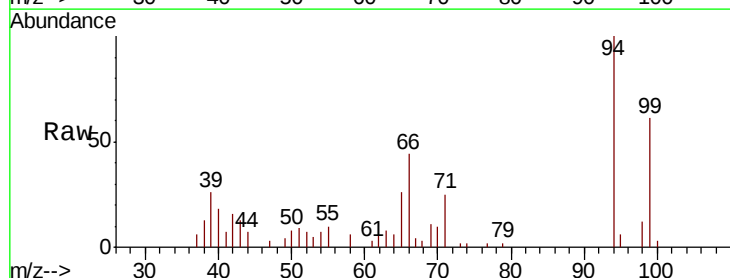
Tgt Ion: 94 Resp: 13159

Ion Ratio Lower Upper

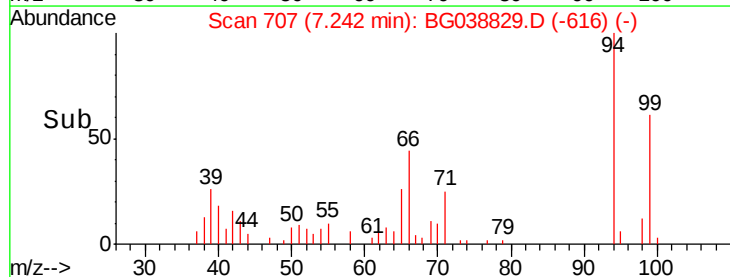
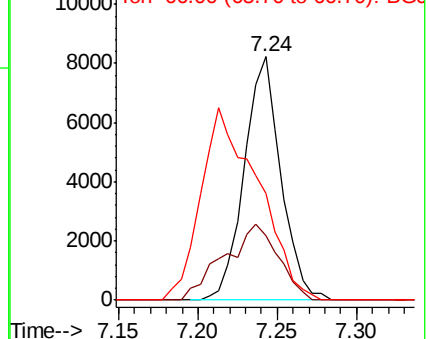
94 100

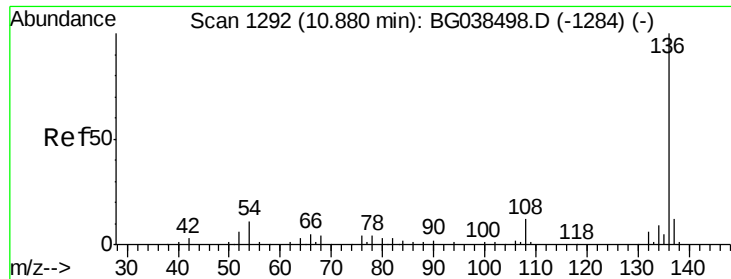
65 26.5 12.6 52.6

66 43.7 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

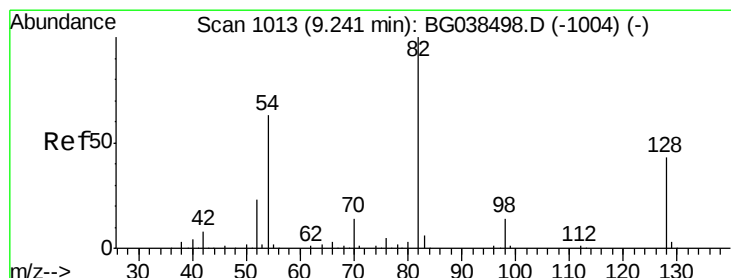
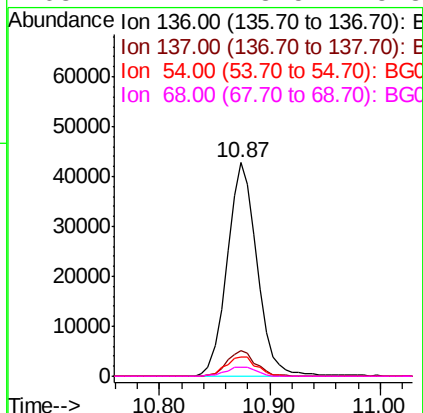
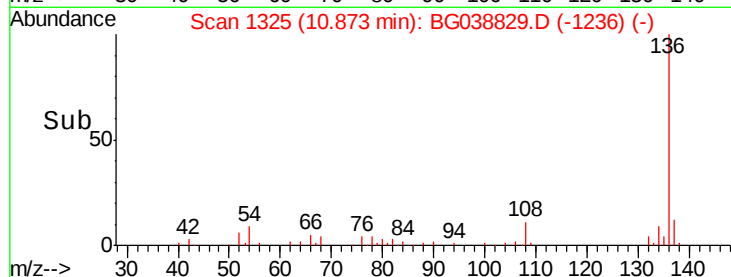
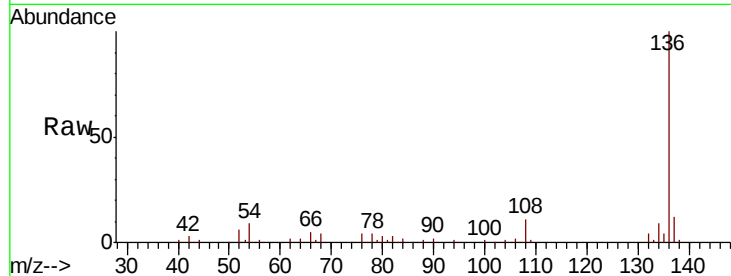




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

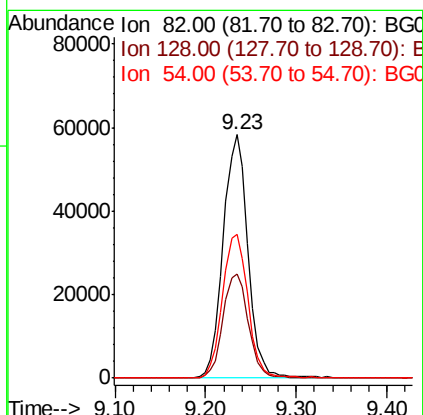
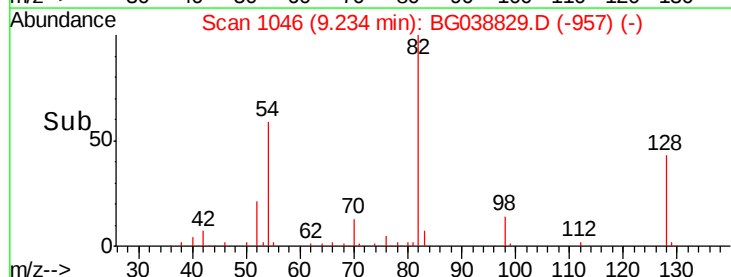
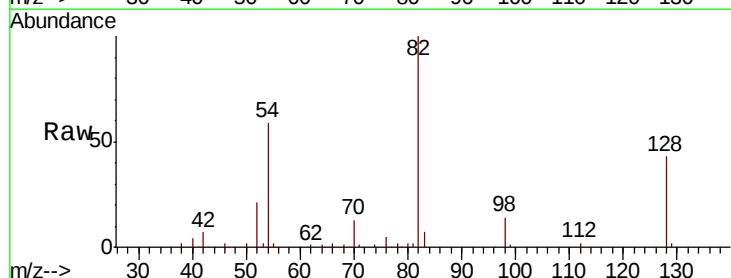
Instrument :
BNA_G
ClientSampleId :
SB-64(0-23)-COMP

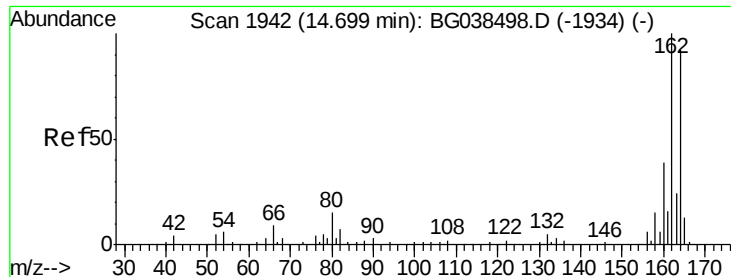
Tot Ion:136	Resp:	81081
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.3 13.9
54	9.2	8.5 12.7
68	4.4	3.5 5.3



#23
Nitrobenzene-d5
Concen: 69.618 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion: 82	Resp:	110491
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.6 52.0
54	59.0	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_G

ClientSampleId :

SB-64(0-23)-COMP

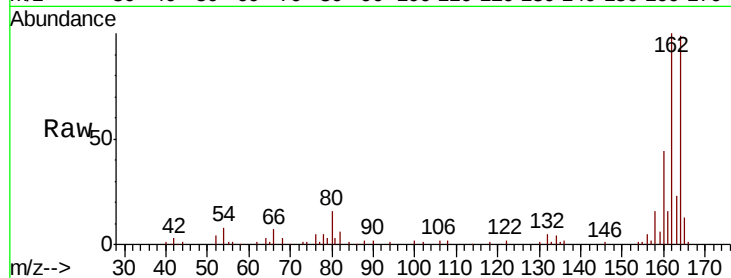
Tot Ion:164 Resp: 62319

Ion Ratio Lower Upper

164 100

162 100.8 86.6 130.0

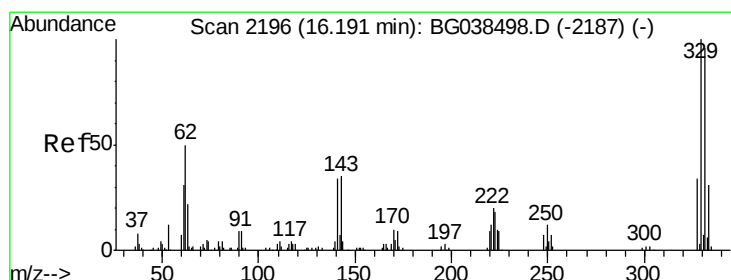
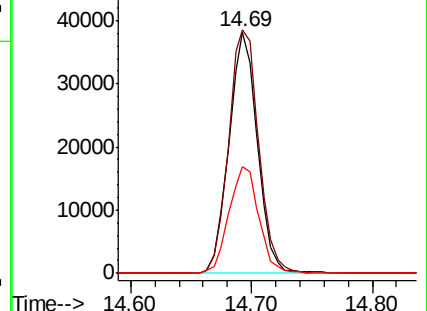
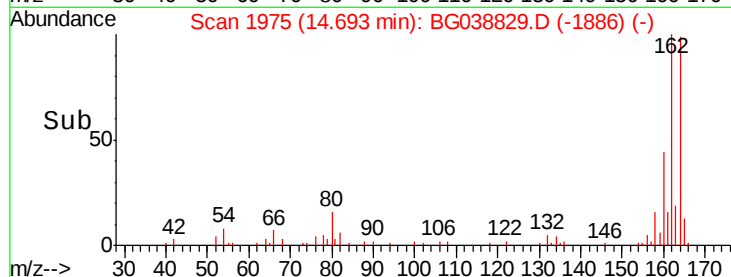
160 44.0 34.2 51.2



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: 139.444 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

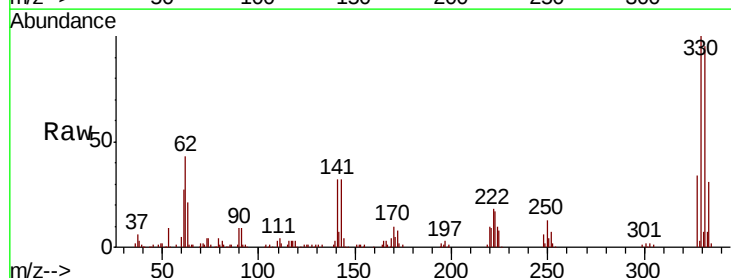
Tgt Ion:330 Resp: 119764

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

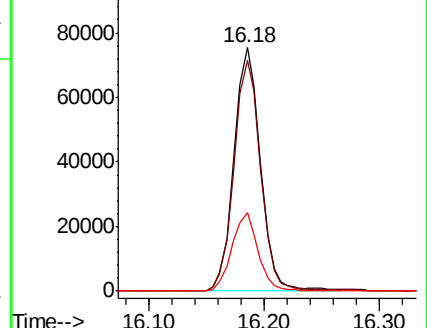
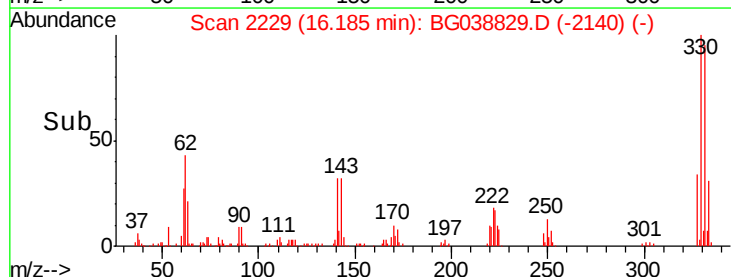
141 31.8 28.8 43.2

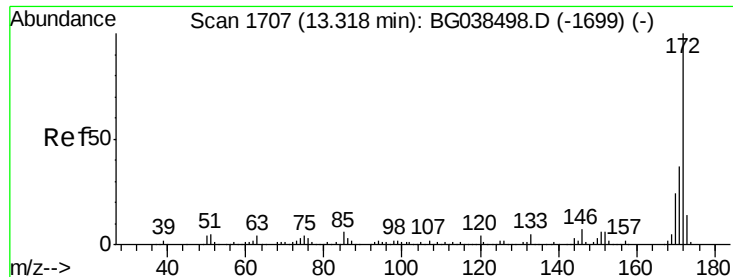


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

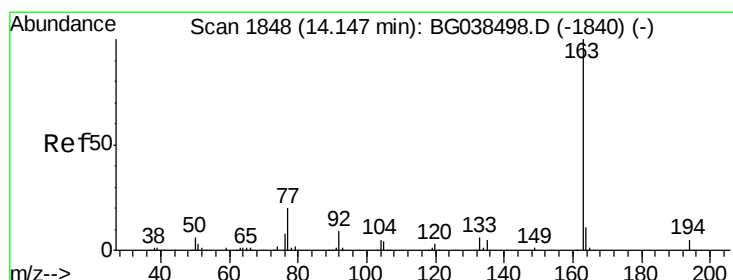
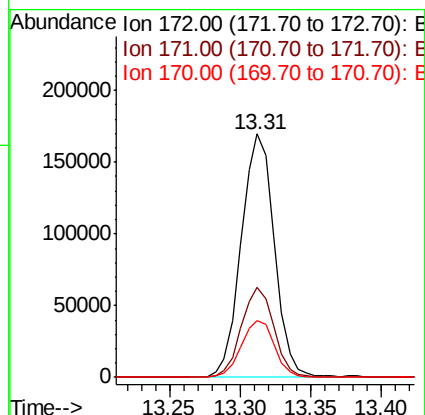
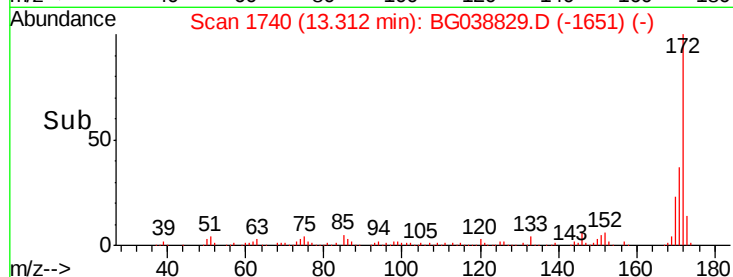
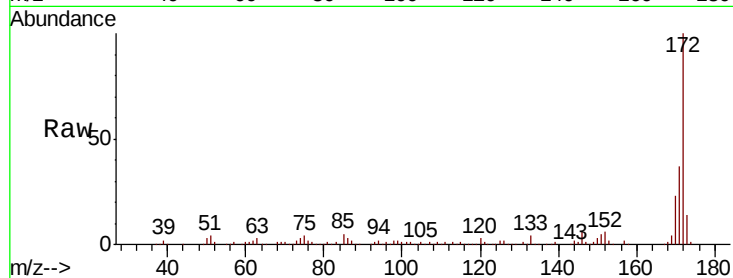




#45
2-Fluorobiphenyl
Concen: 61.396 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

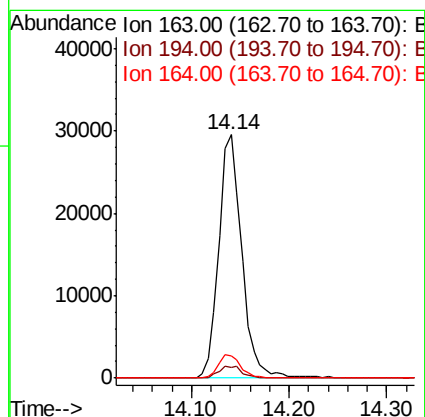
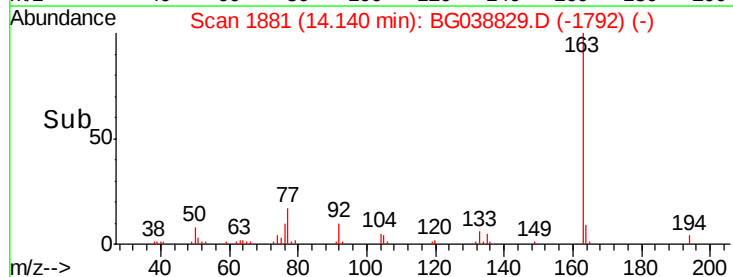
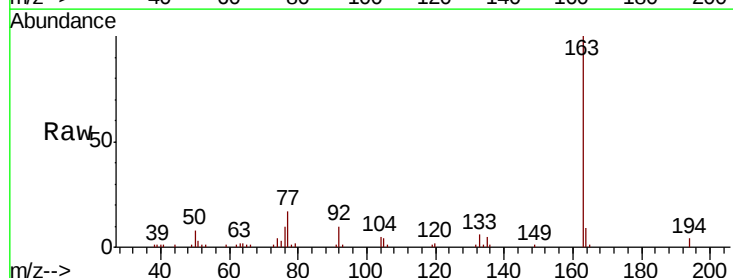
Instrument :
BNA_G
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SB-64(0-23)-COMP

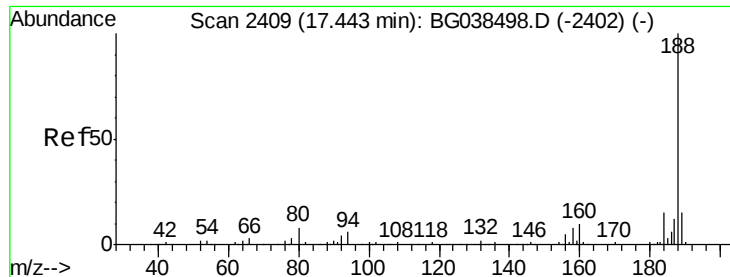
Tot Ion:172 Resp: 278903
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 23.2 19.5 29.3



#50
Dimethylphthalate
Concen: 9.519 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion:163 Resp: 48443
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 9.3 8.6 12.8

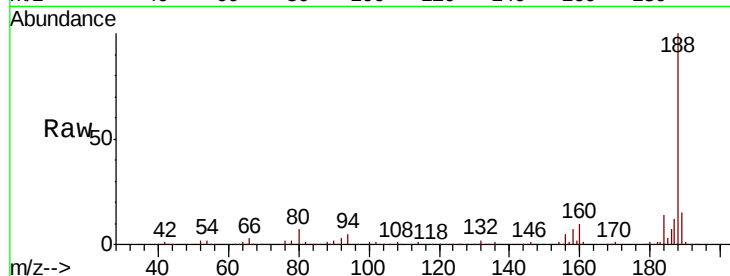




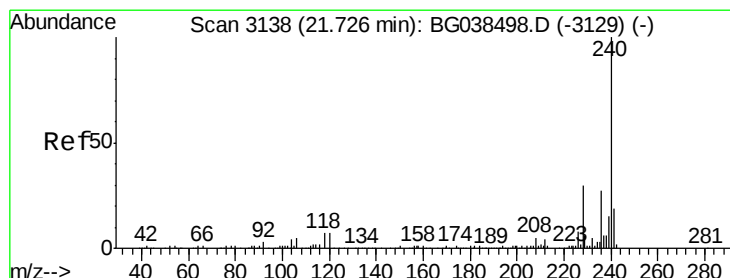
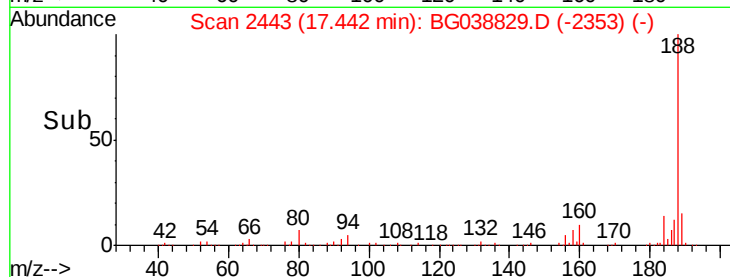
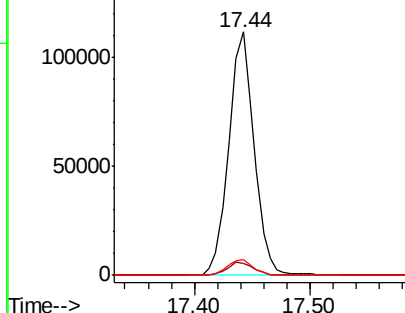
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Instrument :
BNA_G
ClientSampleId :
SB-64(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.1	7.7#
80	6.7	6.1	9.1

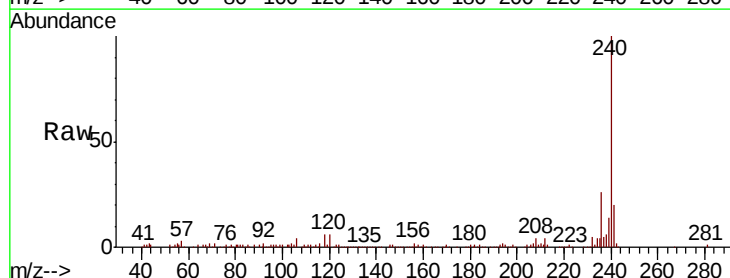


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

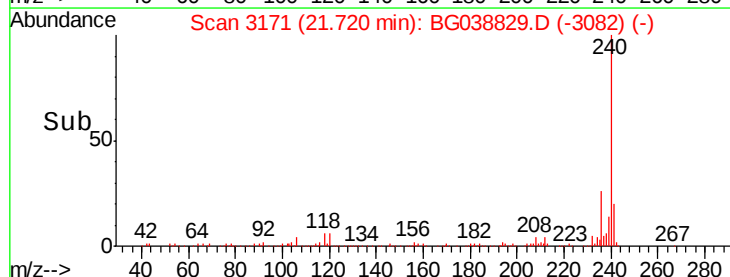
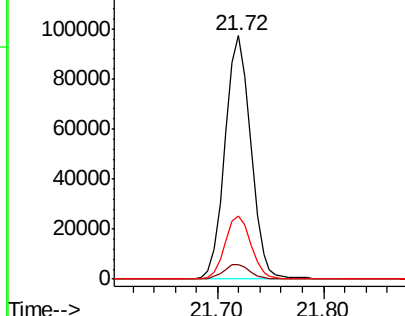


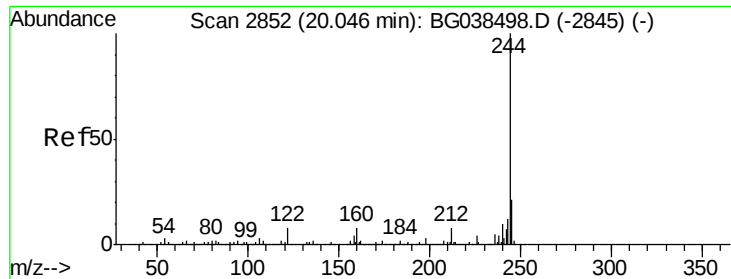
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	26.0	21.4	32.2



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: 66.750 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_G

ClientSampleId :

SB-64(0-23)-COMP

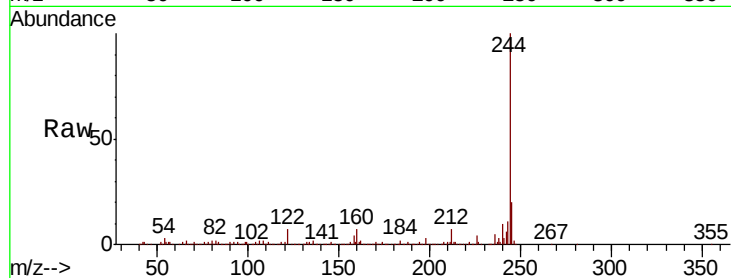
Tot Ion:244 Resp: 503576

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

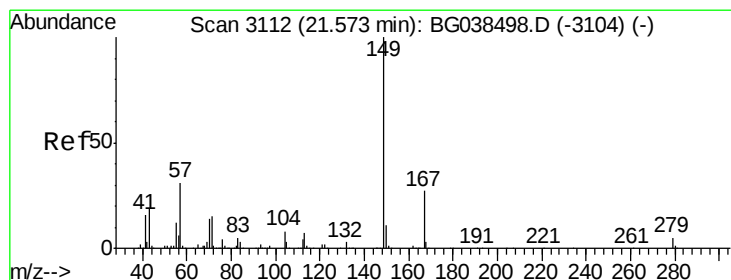
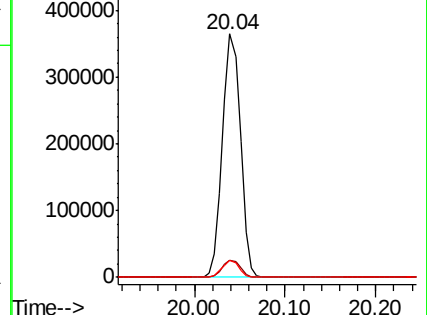
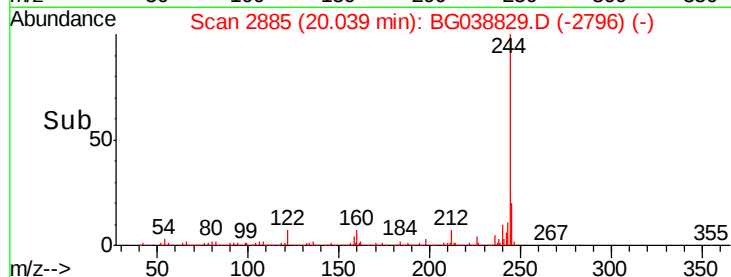
122 6.8 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.982 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

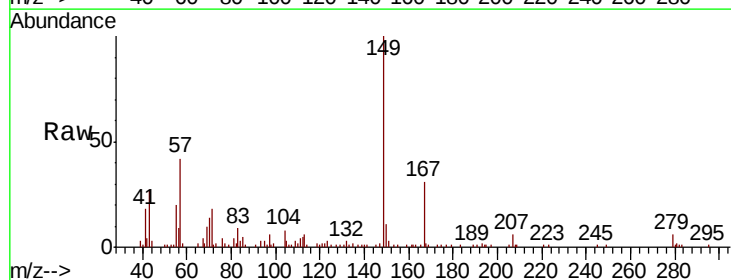
Tgt Ion:149 Resp: 41962

Ion Ratio Lower Upper

149 100

167 31.0 21.9 32.9

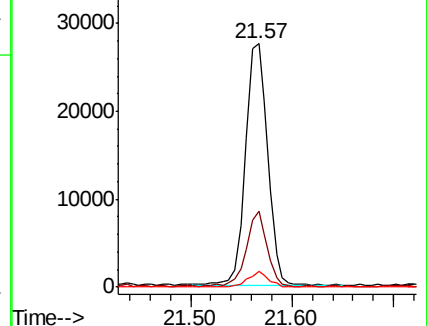
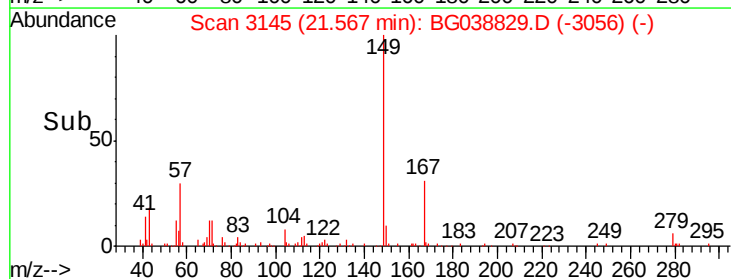
279 6.2 4.2 6.2

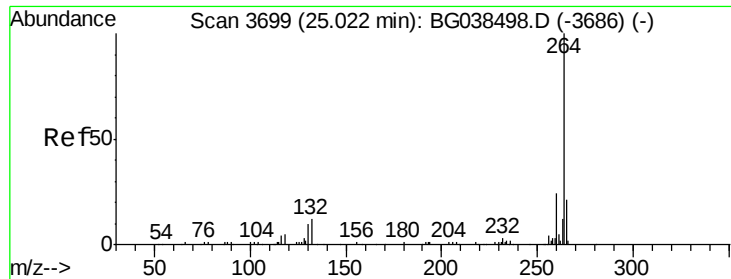


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-64(0-23)-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	23.0	17.0	25.4

