

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038847.D
 Acq On : 27 Dec 2018 17:22
 Operator : JU/SJ
 Sample : J6533-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Dec 28 00:53:20 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

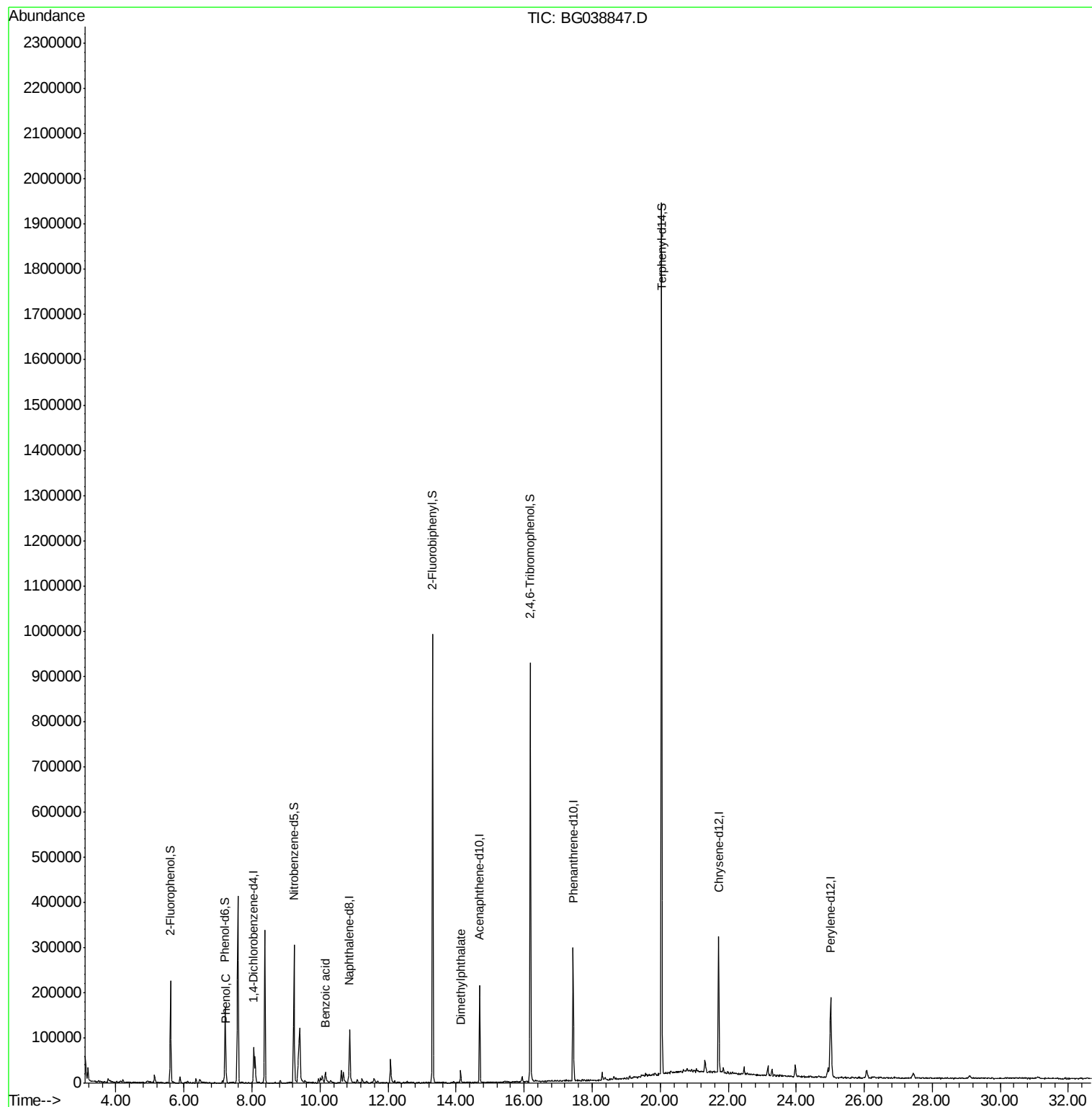
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23344	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	99267	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	76906	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	196997	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197077	20.00	ng	0.00
87) Perylene-d12	25.01	264	213968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	99832	75.85	ng	0.00
7) Phenol-d6	7.21	99	97038	53.71	ng	0.00
23) Nitrobenzene-d5	9.23	82	178207	91.71	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	193744	182.79	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	524585	93.58	ng	0.00
79) Terphenyl-d14	20.04	244	988702	109.18	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7580	3.949	ng	96
32) Benzoic acid	10.16	122	11483	20.047	ng	87
50) Dimethylphthalate	14.13	163	19495	3.104	ng	# 97

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

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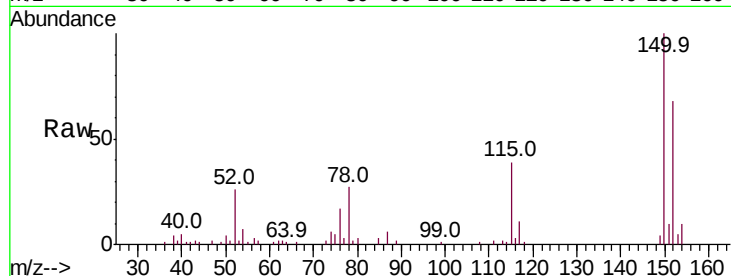


#1

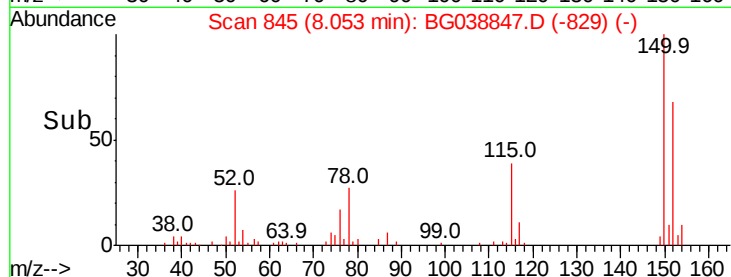
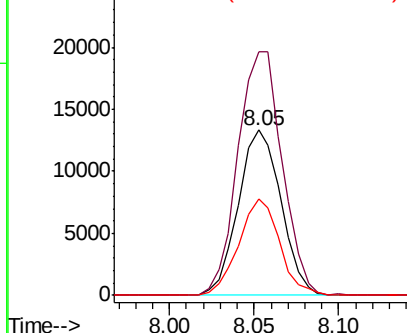
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038847.D
Acq: 27 Dec 2018 17:22

Instrument :
BNA_G
ClientSampled :
COMP-1

Tot Ion:152 Resp: 23344
Ion Ratio Lower Upper
152 100
150 147.4 119.5 179.3
115 58.0 49.6 74.4



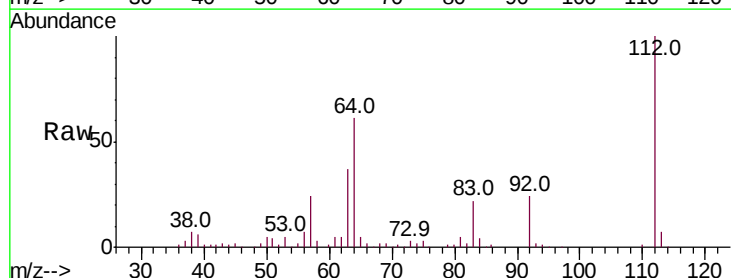
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



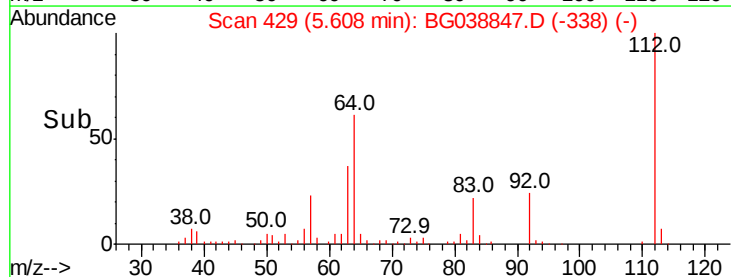
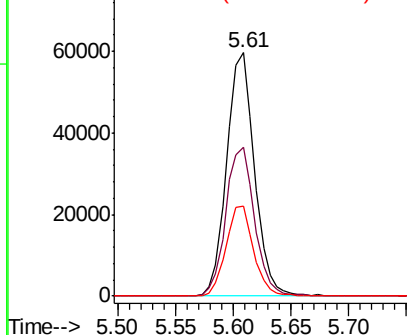
#5

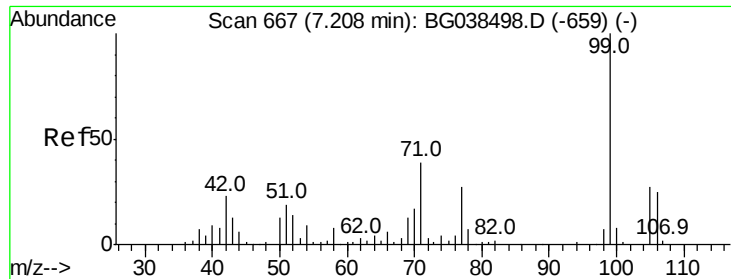
2-Fluorophenol
Concen: 75.851 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038847.D
Acq: 27 Dec 2018 17:22

Tgt Ion:112 Resp: 99832
Ion Ratio Lower Upper
112 100
64 61.2 53.4 80.2
63 36.7 29.3 43.9



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: 53.706 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

Instrument :

BNA_G

ClientSampleId :

COMP-1

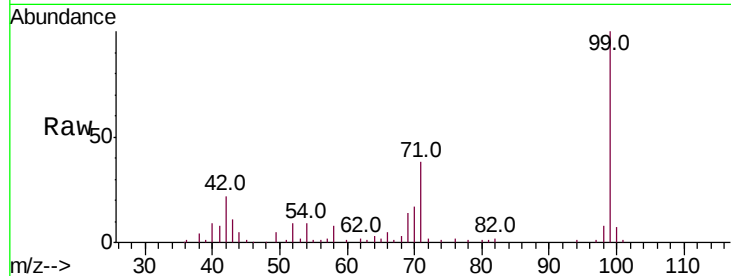
Tot Ion: 99 Resp: 97038

Ion Ratio Lower Upper

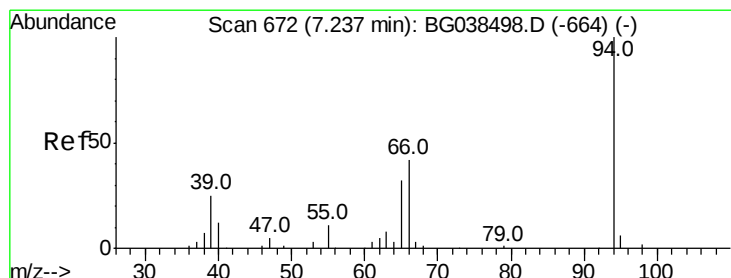
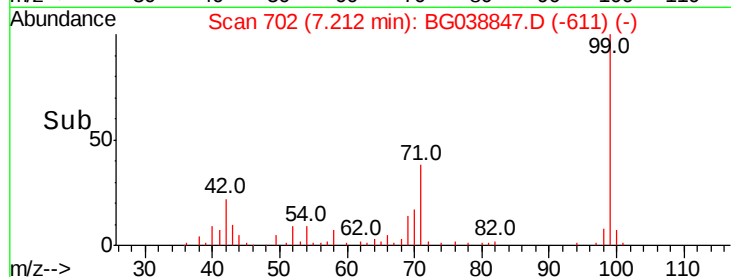
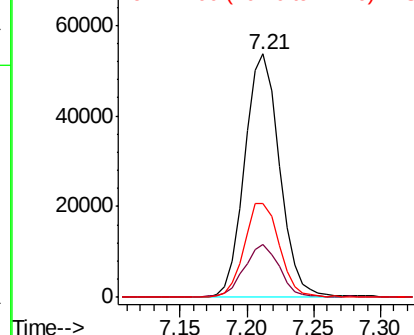
99 100

42 21.5 18.5 27.7

71 38.3 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: 3.949 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

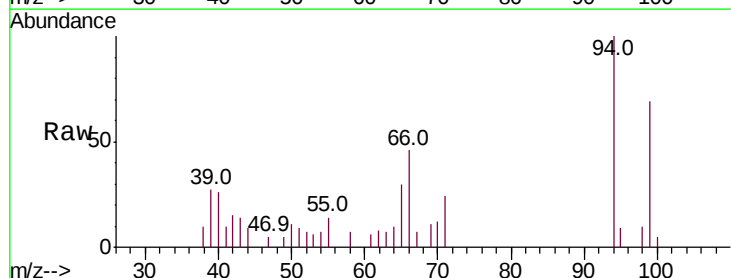
Tgt Ion: 94 Resp: 7580

Ion Ratio Lower Upper

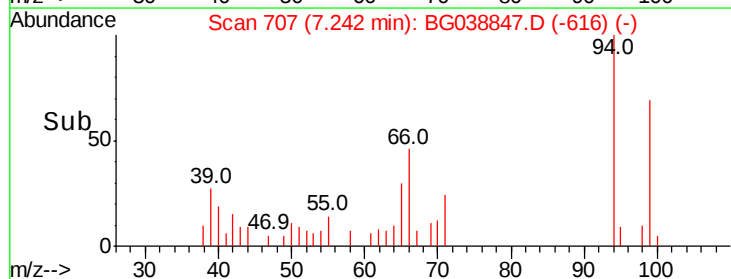
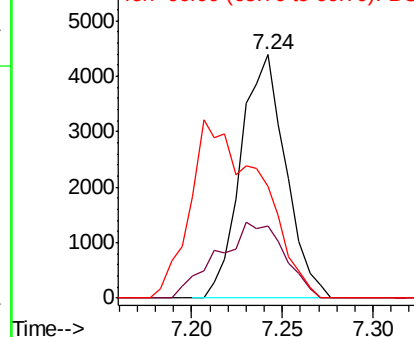
94 100

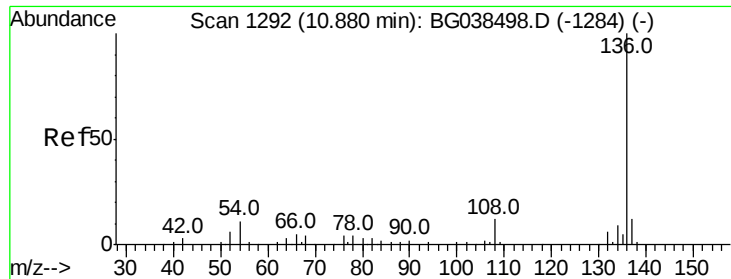
65 29.8 12.6 52.6

66 45.9 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

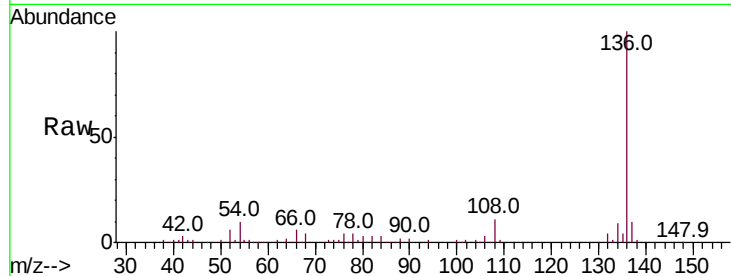




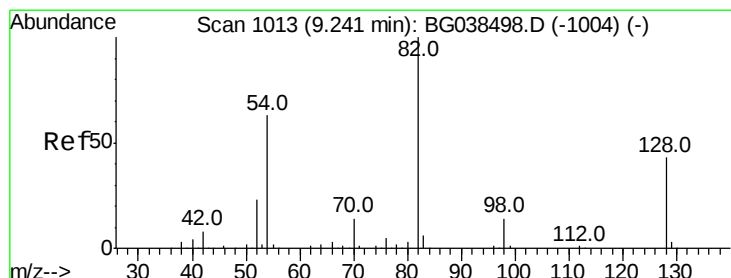
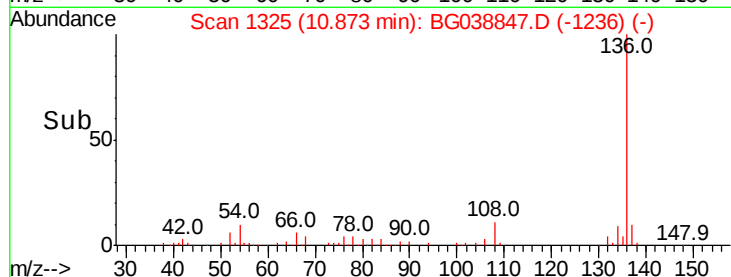
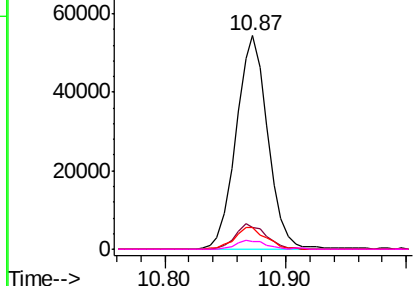
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038847.D
Acq: 27 Dec 2018 17:22

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:136	Resp:	99267
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.3 13.9
54	10.3	8.5 12.7
68	3.7	3.5 5.3

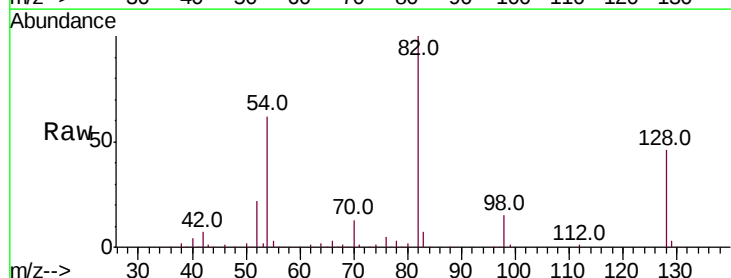


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

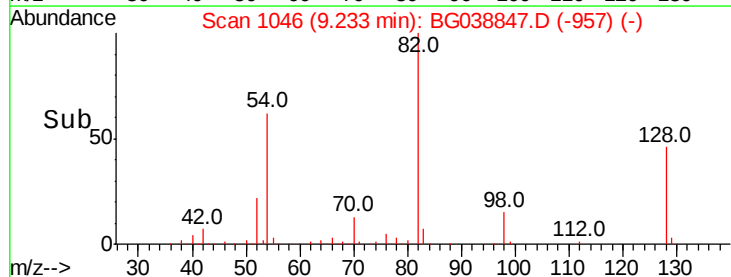
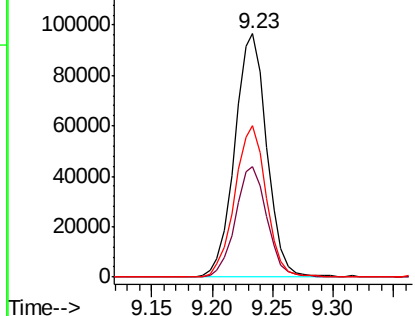


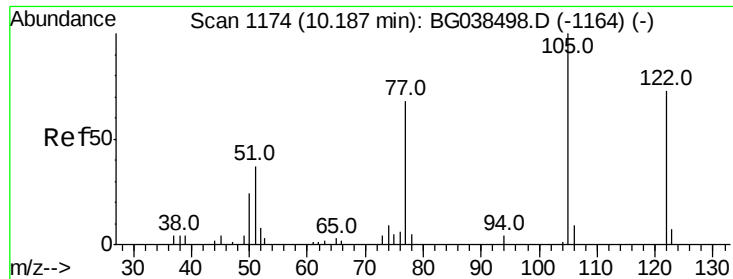
#23
Nitrobenzene-d5
Concen: 91.713 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038847.D
Acq: 27 Dec 2018 17:22

Tgt Ion: 82	Resp:	178207
Ion	Ratio	Lower Upper
82	100	
128	45.6	34.6 52.0
54	62.3	50.6 76.0



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

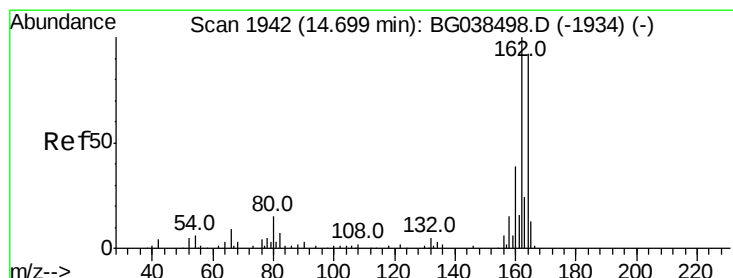
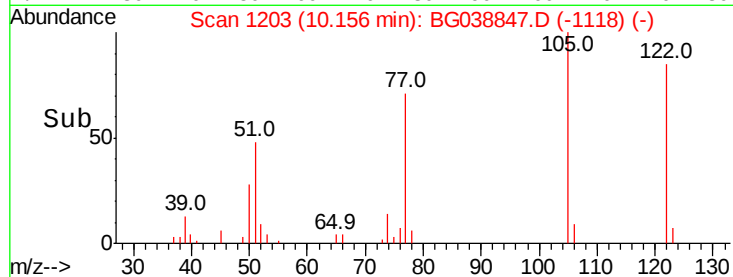
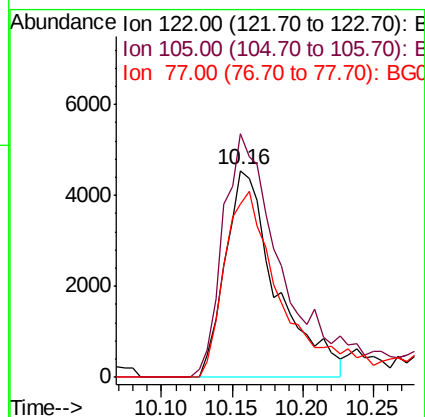
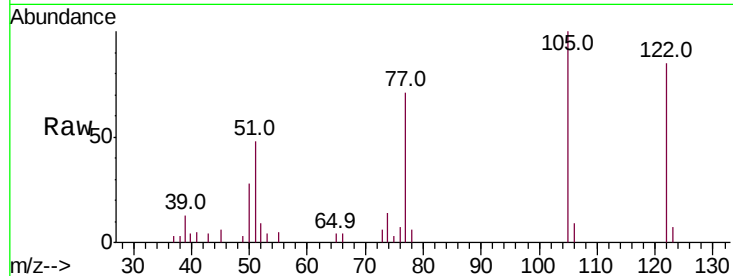




#32
 Benzoic acid
 Concen: 20.047 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BG038847.D
 Acq: 27 Dec 2018 17:22

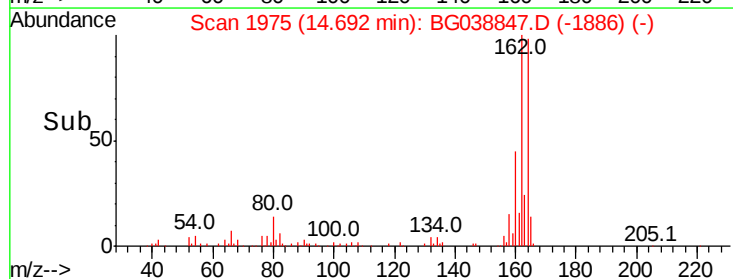
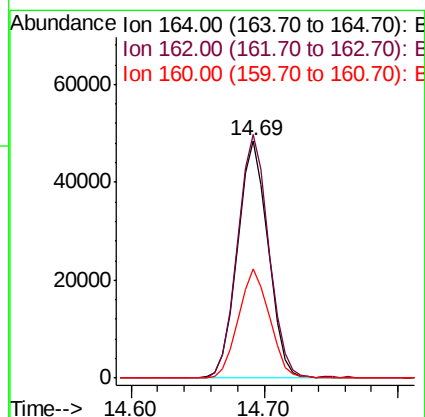
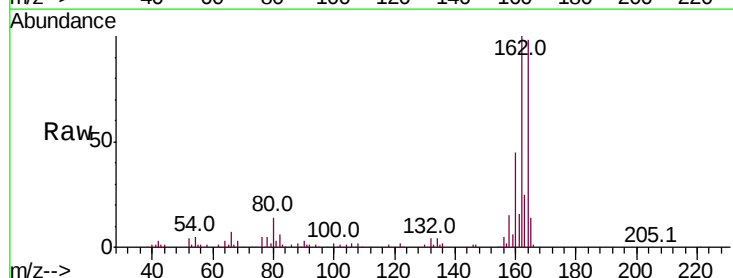
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

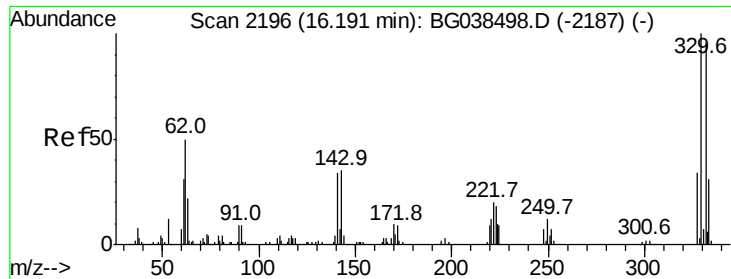
Tot Ion:	122	Resp:	11483
Ion	Ratio	Lower	Upper
122	100		
105	117.8	116.7	156.7
77	84.0	72.5	112.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038847.D
 Acq: 27 Dec 2018 17:22

Tgt Ion:	164	Resp:	76906
Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.6	130.0
160	46.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 182.794 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

Instrument :

BNA_G

ClientSampleId :

COMP-1

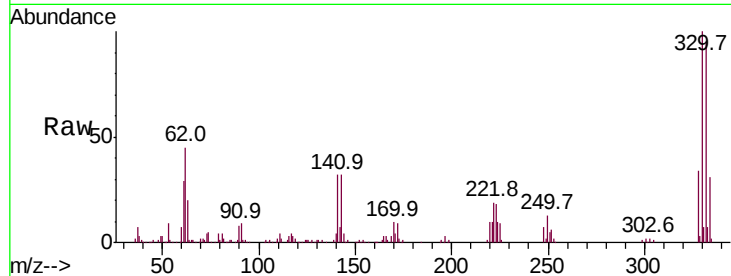
Tot Ion:330 Resp: 193744

Ion Ratio Lower Upper

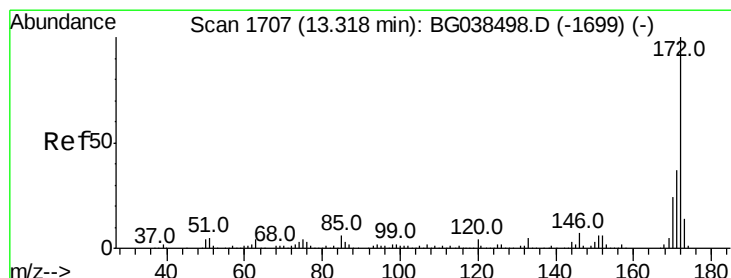
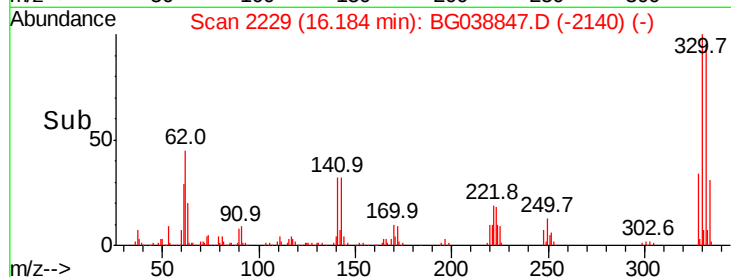
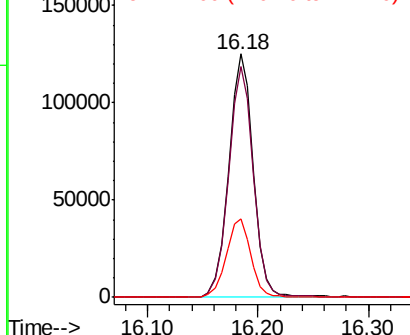
330 100

332 95.7 76.9 115.3

141 32.4 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: 93.575 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

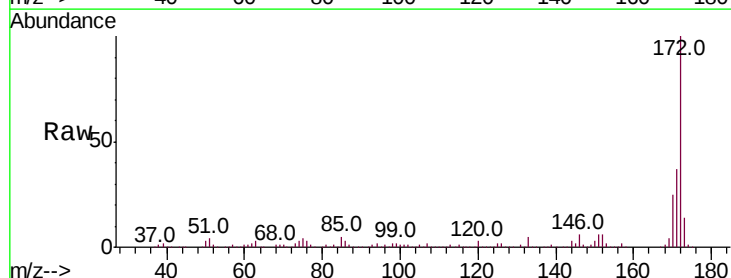
Tgt Ion:172 Resp: 524585

Ion Ratio Lower Upper

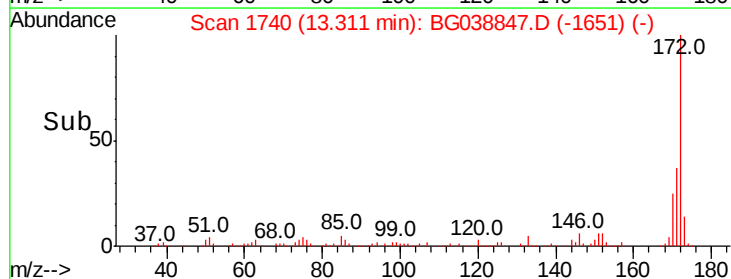
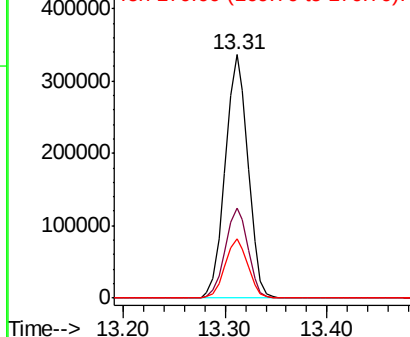
172 100

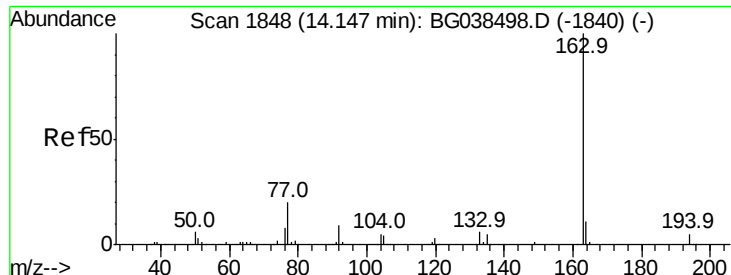
171 36.9 29.8 44.6

170 24.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.104 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

Instrument :

BNA_G

ClientSampleId :

COMP-1

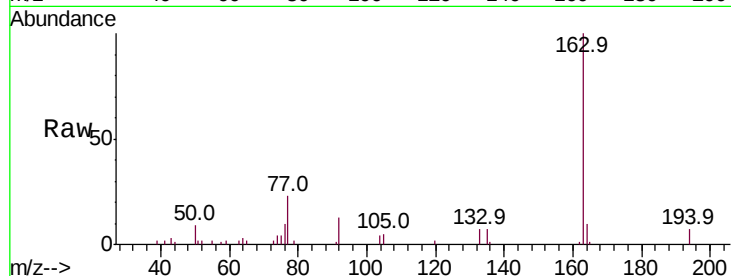
Tot Ion:163 Resp: 19495

Ion Ratio Lower Upper

163 100

194 6.6 3.7 5.5#

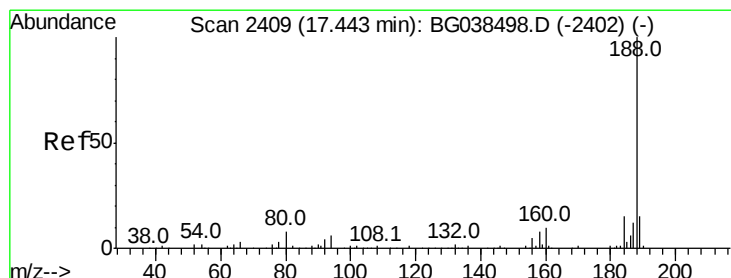
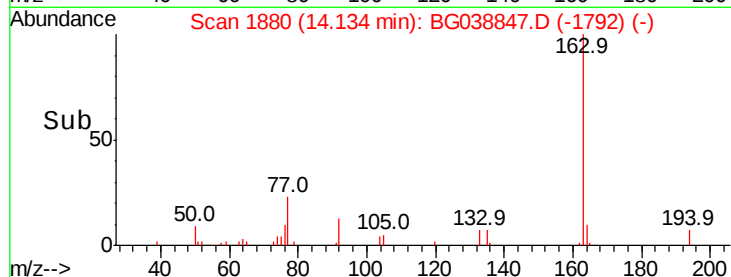
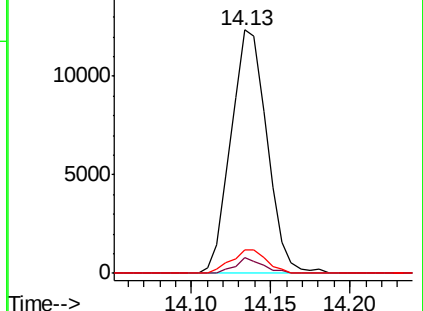
164 9.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038847.D

Acq: 27 Dec 2018 17:22

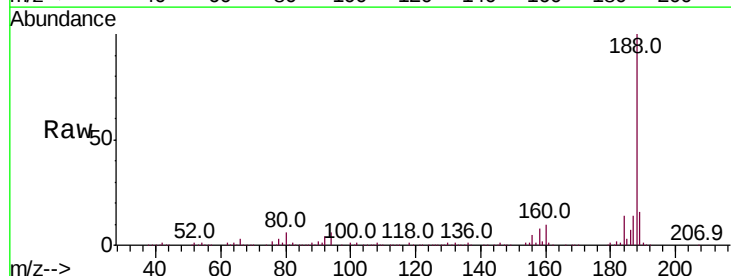
Tgt Ion:188 Resp: 196997

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

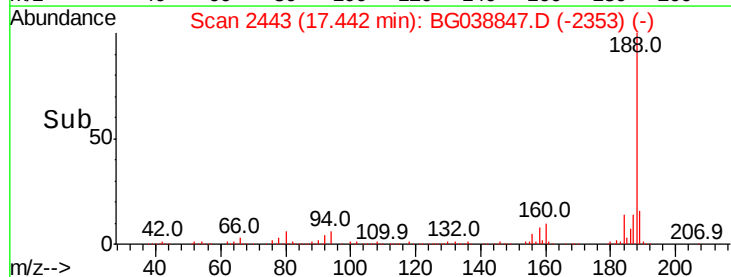
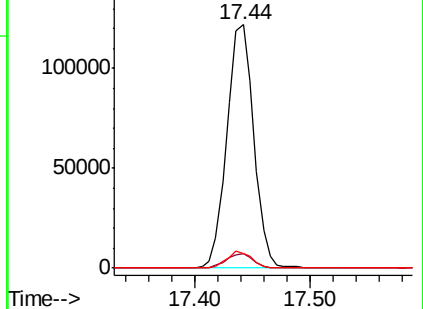
80 6.1 6.1 9.1

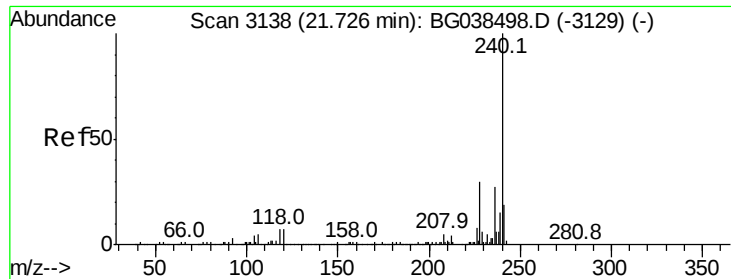


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

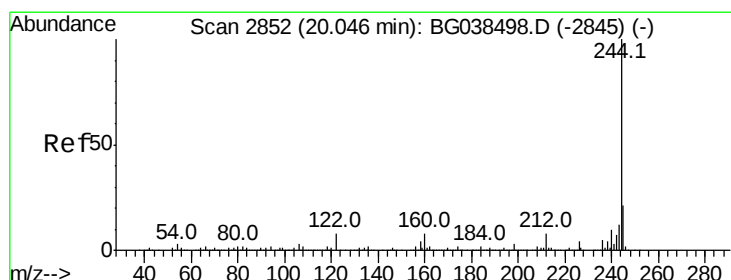
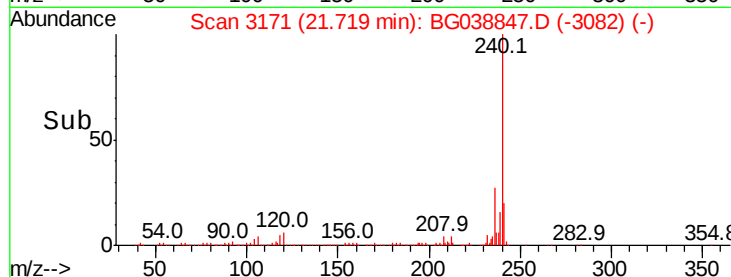
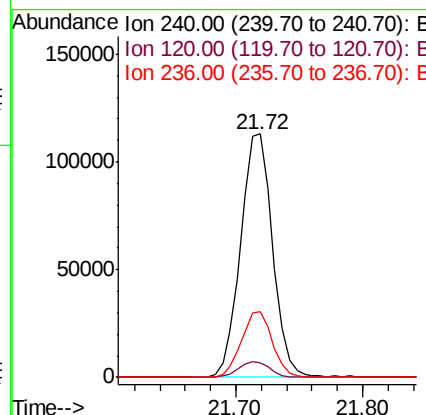
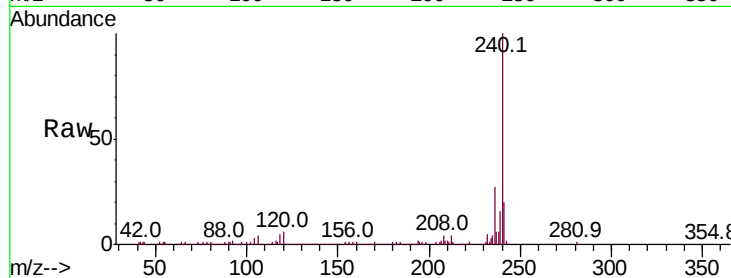




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038847.D
 Acq: 27 Dec 2018 17:22

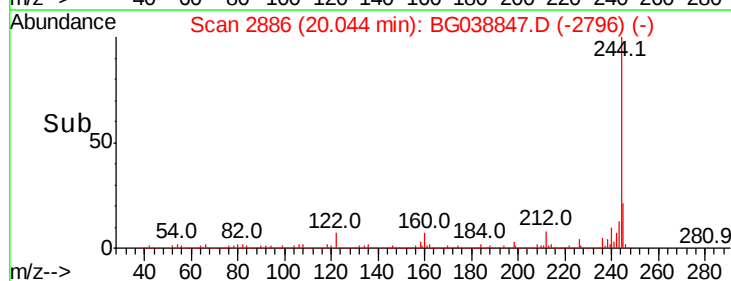
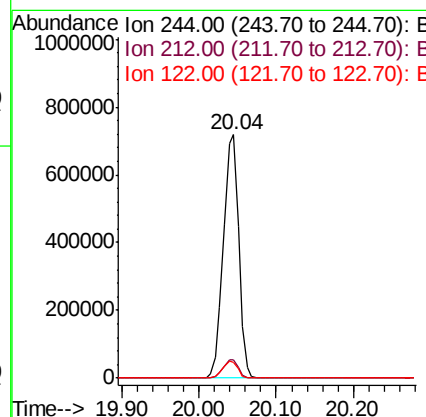
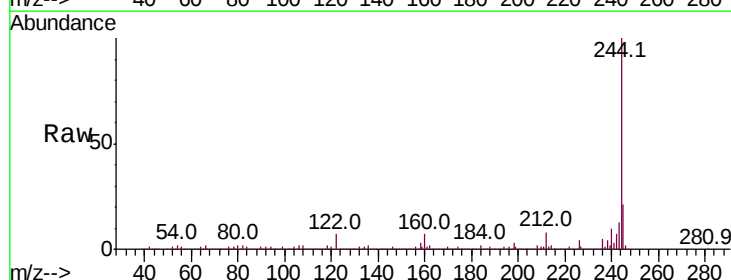
Instrument :
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 COMP-1

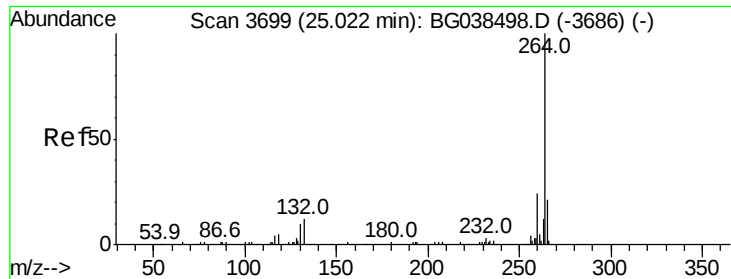
Tot Ion:240 Resp: 197077
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.3 7.9
 236 26.9 21.4 32.2



#79
 Terphenyl-d14
 Concen: 109.183 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038847.D
 Acq: 27 Dec 2018 17:22

Tgt Ion:244 Resp: 988702
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 6.6 6.3 9.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038847.D
 Acq: 27 Dec 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	20.4	17.0	25.4

