

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024727.D
 Acq On : 7 Nov 2016 13:20
 Operator : UM/SJ
 Sample : H5531-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0013DL

Quant Time: Nov 07 15:28:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

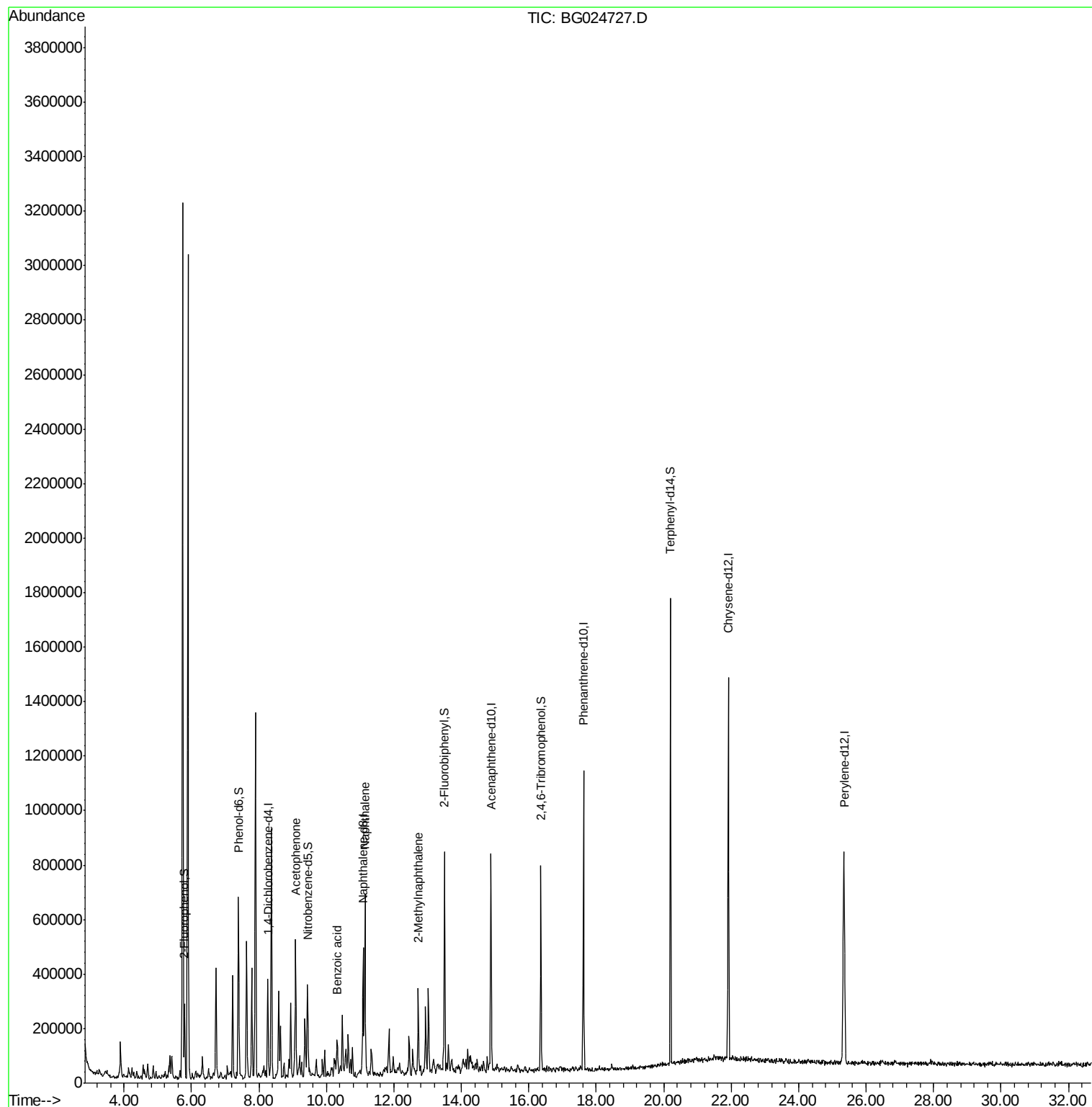
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	93502	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	372964	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	298394	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	677284	20.00	ng	0.00
75) Chrysene-d12	21.91	240	974260	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1008223	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	110510	19.37	ng	0.00
7) Phenol-d6	7.39	99	102276	13.07	ng	0.00
23) Nitrobenzene-d5	9.44	82	165921	20.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	156666	35.14	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	401504	22.36	ng	-0.01
78) Terphenyl-d14	20.20	244	784106	24.05	ng	-0.01
Target Compounds						Qvalue
22) Acetophenone	9.08	105	304749	31.81	ng	# 88
31) Naphthalene	11.14	128	520535	27.98	ng	98
32) Benzoic acid	10.32	122	42741	8.67	ng	86
37) 2-Methylnaphthalene	12.73	142	144504	10.65	ng	95

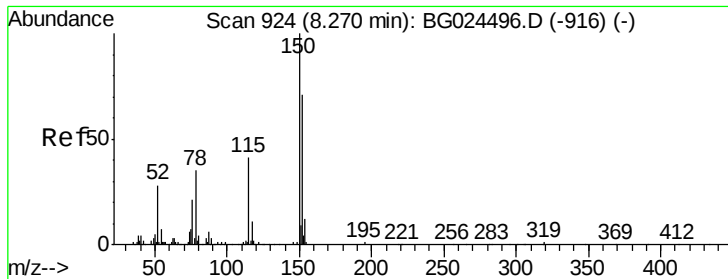
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

BNA_G

ClientSampleId :

S22-0013DL

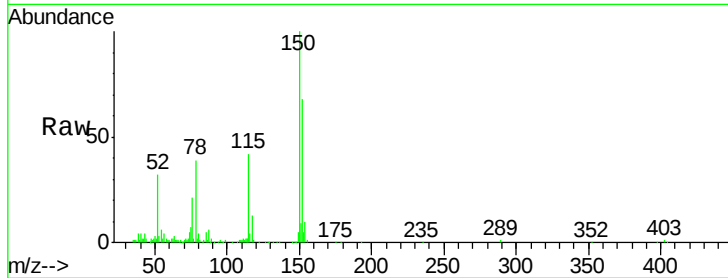
Tot Ion:152 Resp: 93502

Ion Ratio Lower Upper

152 100

150 146.6 114.0 171.0

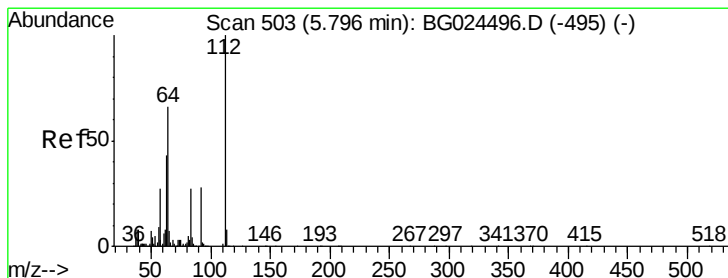
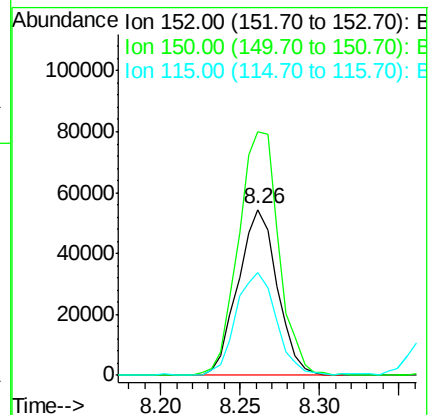
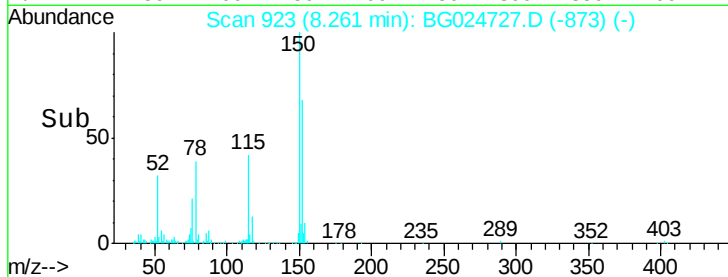
115 62.1 48.1 72.1



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: 19.37 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

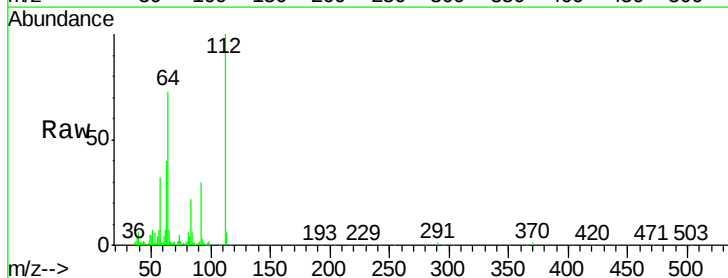
Tgt Ion:112 Resp: 110510

Ion Ratio Lower Upper

112 100

64 72.9 61.8 92.6

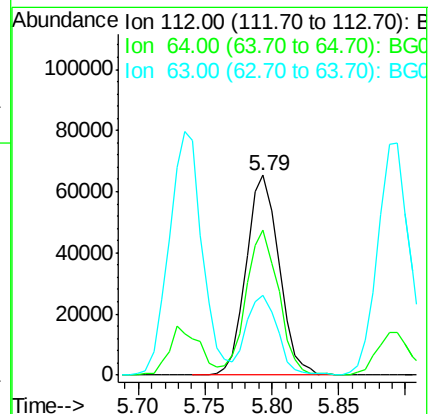
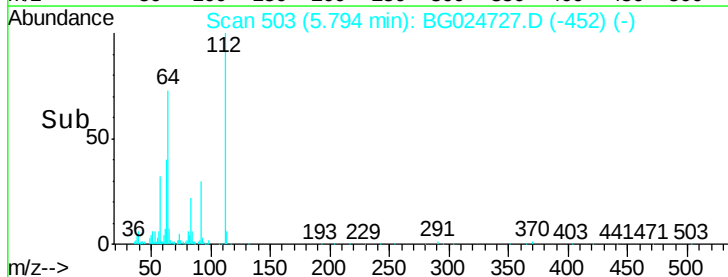
63 39.7 37.2 55.8



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: 13.07 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

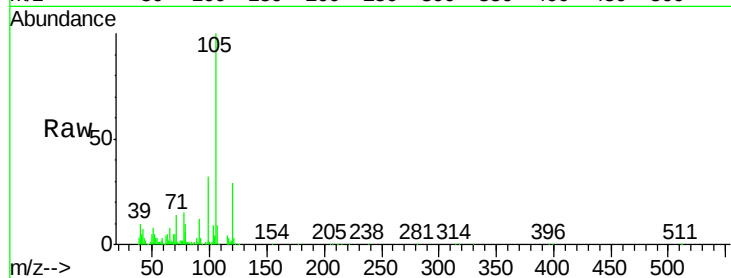
BNA_G

ClientSampleId :

S22-0013DL

Tot Ion: 99 Resp: 102276

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.5	30.7
71	44.0	37.6	56.4

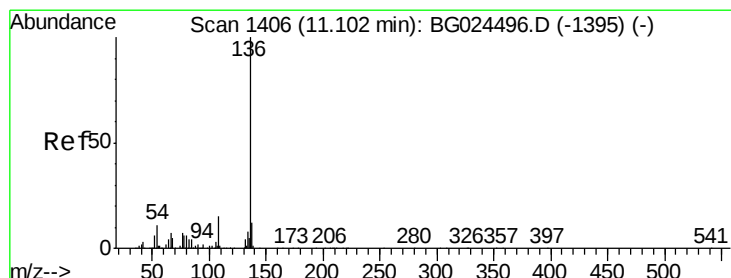
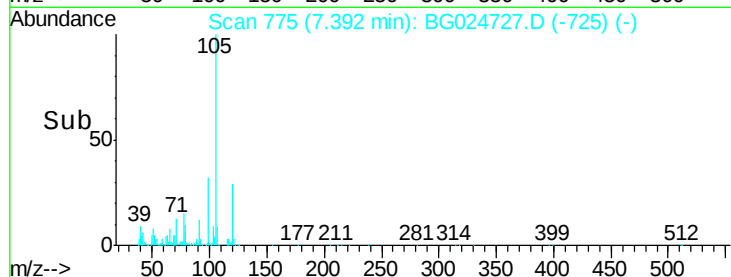


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

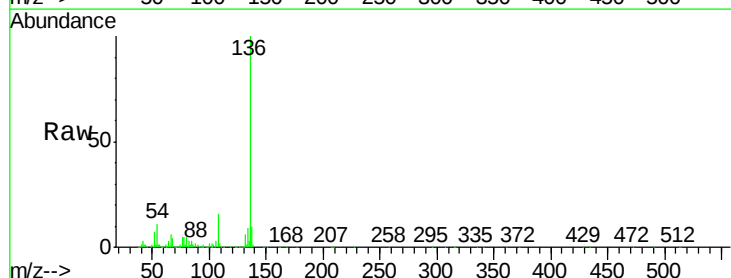
Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Tgt Ion: 136 Resp: 372964

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	11.1	9.3	13.9
68	3.9	5.1	7.7#



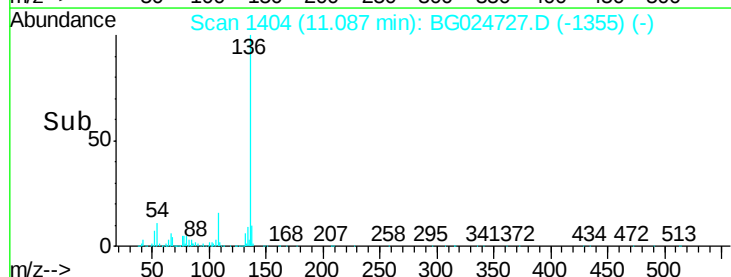
Abundance

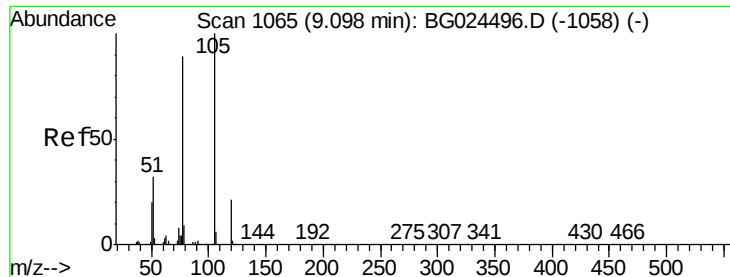
Ion 136.00 (135.70 to 136.70): BGC

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





#22

Acetophenone

Concen: 31.81 ng

RT: 9.08 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

BNA_G

ClientSampleId :

S22-0013DL

Tot Ion:105 Resp: 304749

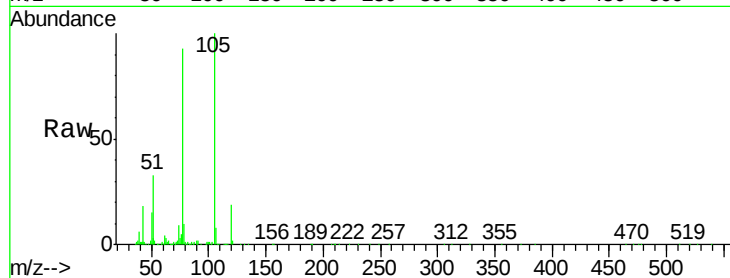
Ion Ratio Lower Upper

105 100

71 0.2 0.9 1.3#

51 32.5 34.0 51.0#

120 19.4 17.3 25.9

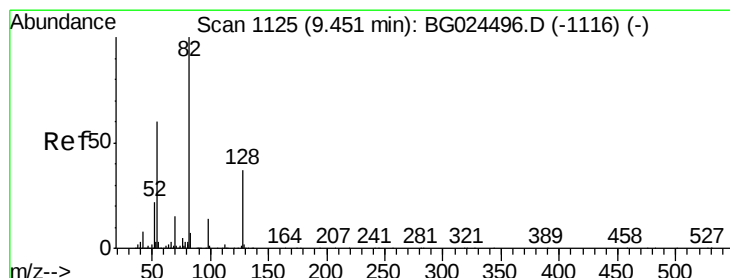
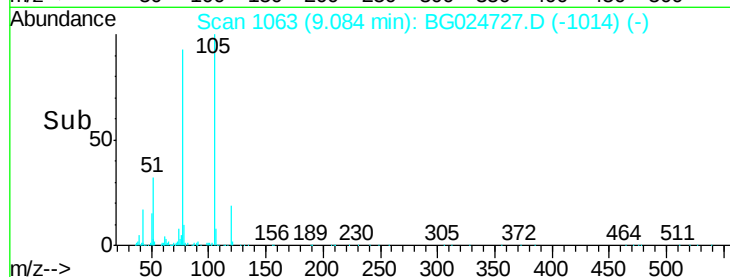
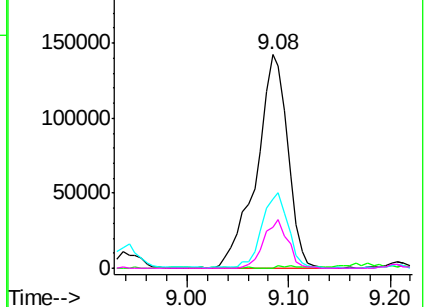


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 20.25 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

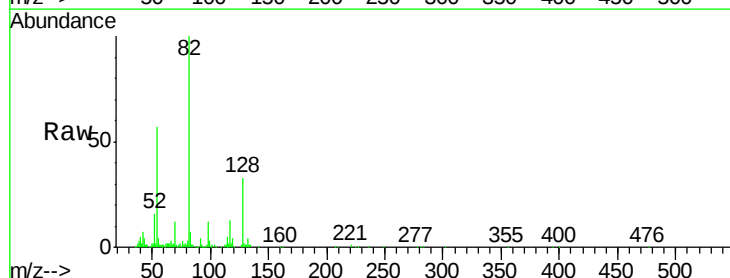
Tgt Ion: 82 Resp: 165921

Ion Ratio Lower Upper

82 100

128 32.7 26.4 39.6

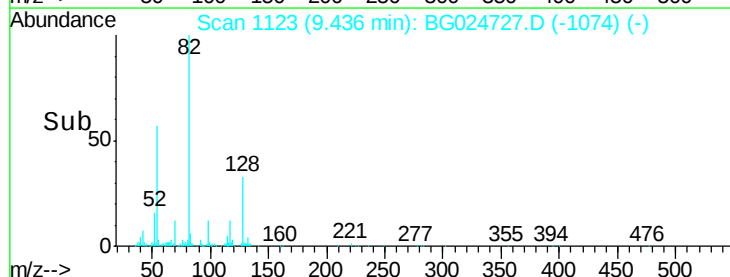
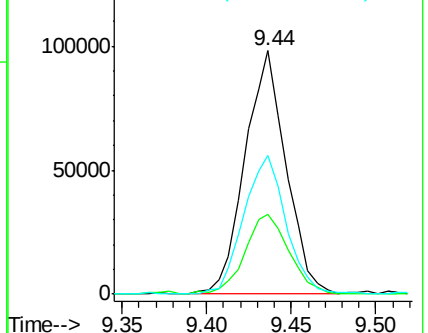
54 56.8 49.4 74.2

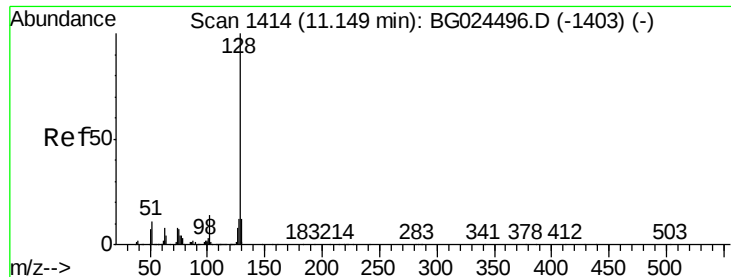


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

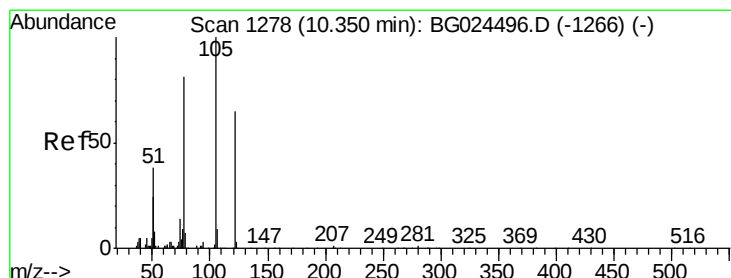
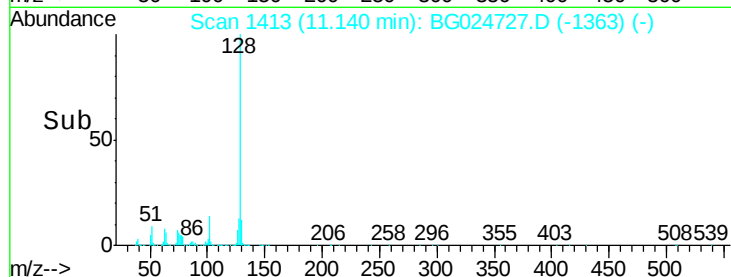
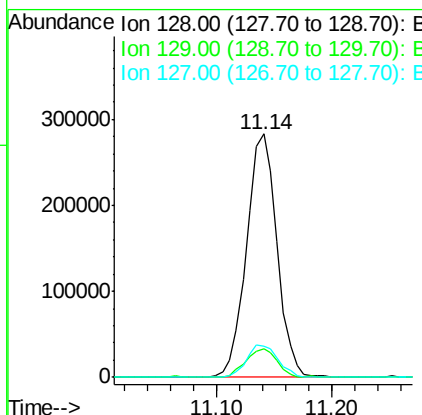
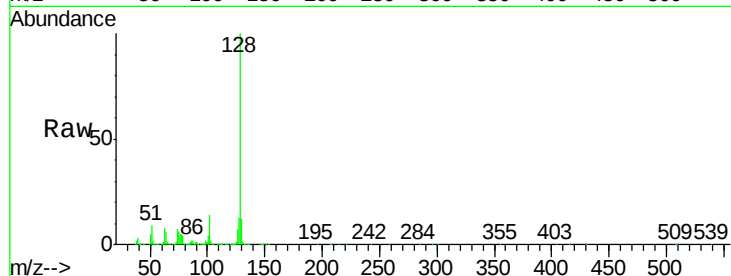




#31
Naphthalene
Concen: 27.98 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG024727.D
Acq: 7 Nov 2016 13:20

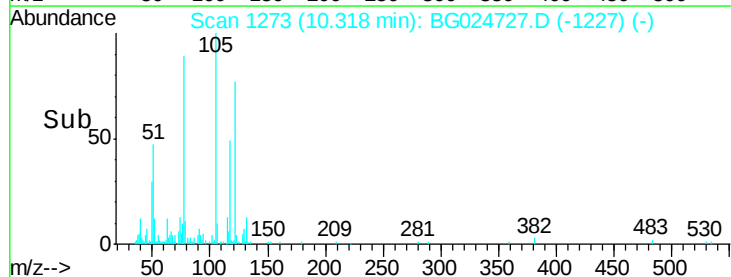
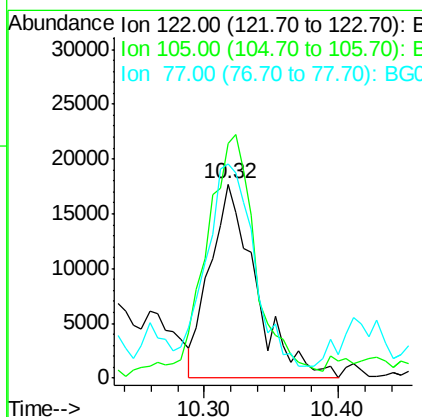
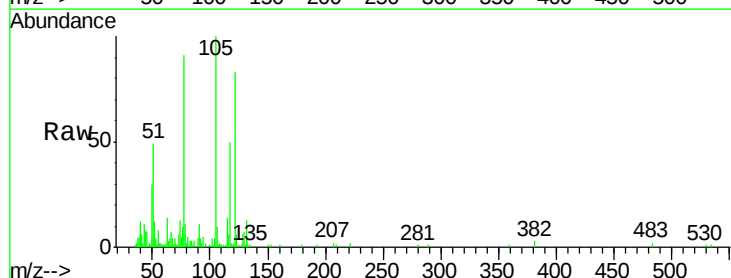
Instrument :
BNA_G
ClientSampleId :
S22-0013DL

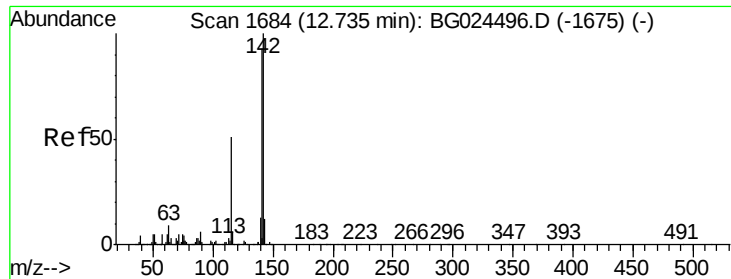
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.0	11.4	17.0



#32
Benzoic acid
Concen: 8.67 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BG024727.D
Acq: 7 Nov 2016 13:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	120.1	160.1
77	110.0	104.6	144.6

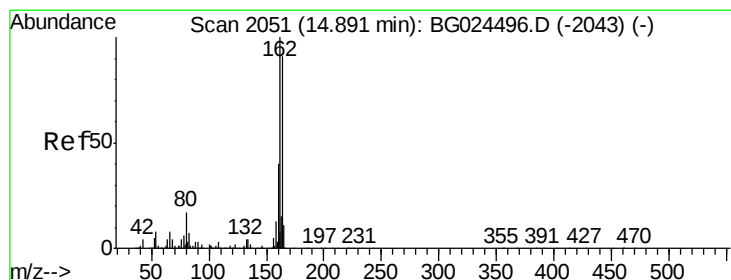
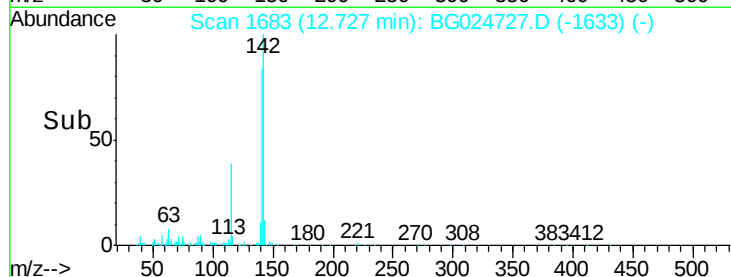
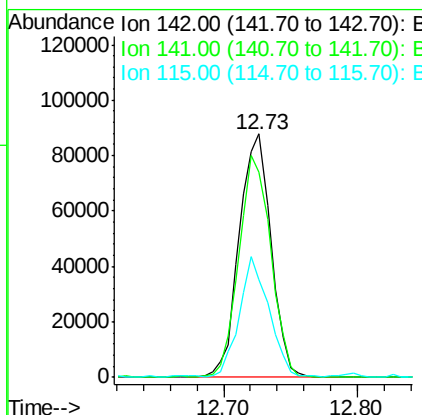
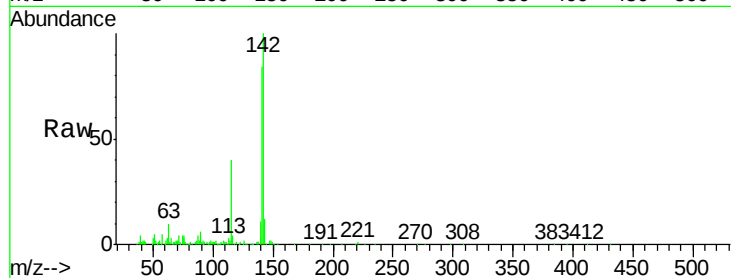




#37
2-Methylnaphthalene
Concen: 10.65 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024727.D
Acq: 7 Nov 2016 13:20

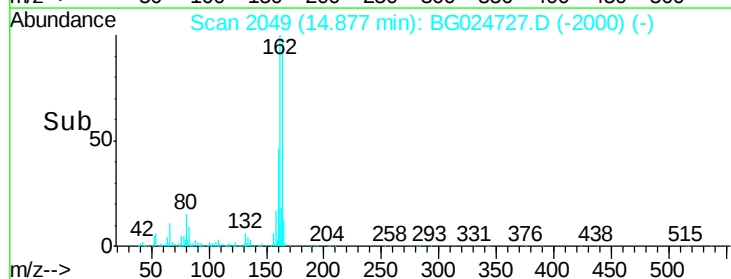
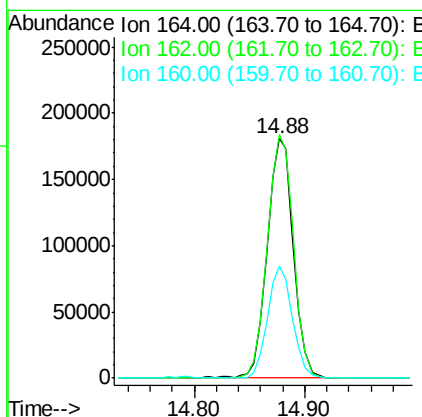
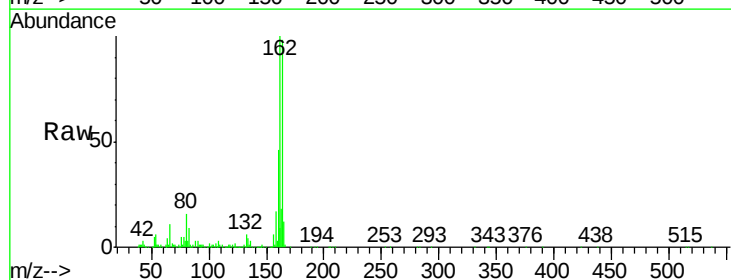
Instrument :
BNA_G
ClientSampleId :
S22-0013DL

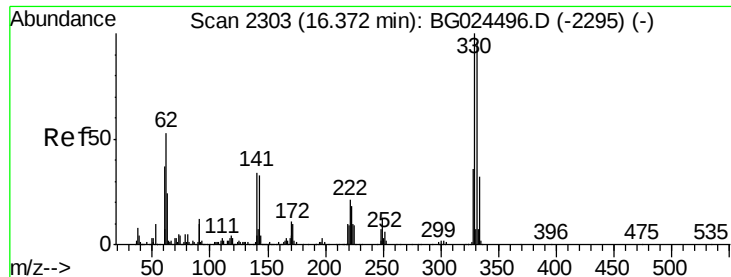
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.4	105.6
115	39.9	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024727.D
Acq: 7 Nov 2016 13:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	46.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 35.14 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

BNA_G

ClientSampleId :

S22-0013DL

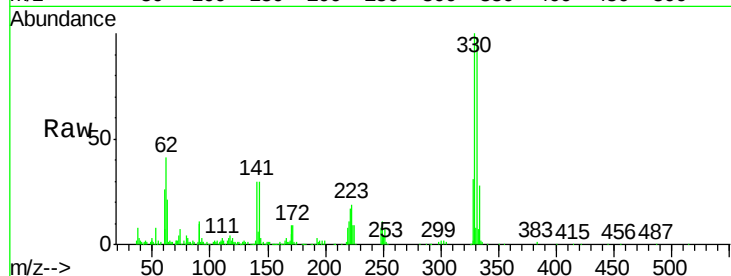
Tot Ion:330 Resp: 156666

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

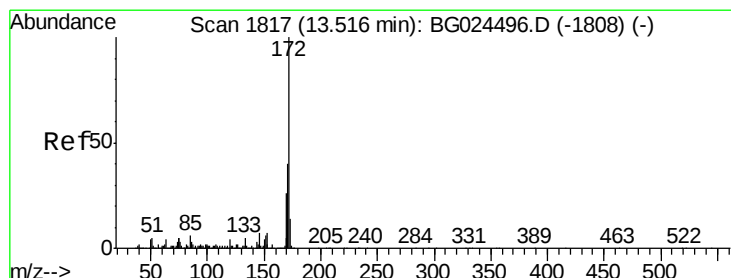
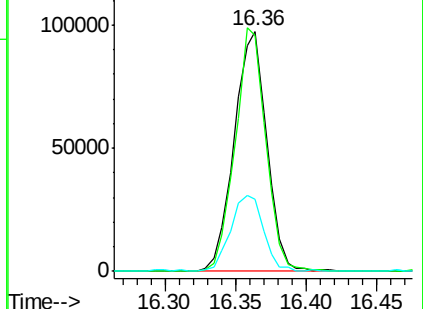
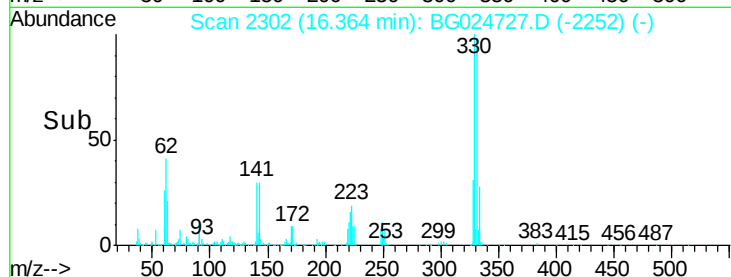
141 32.0 32.1 48.1#



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: 22.36 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

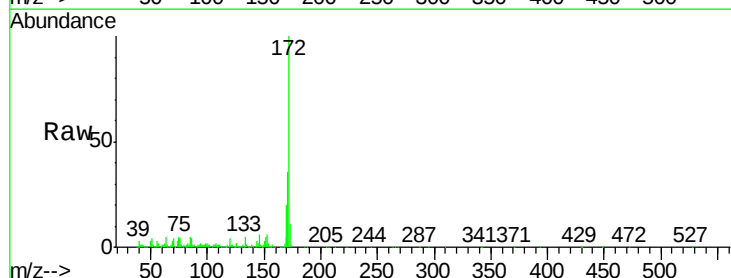
Tgt Ion:172 Resp: 401504

Ion Ratio Lower Upper

172 100

171 36.5 32.2 48.2

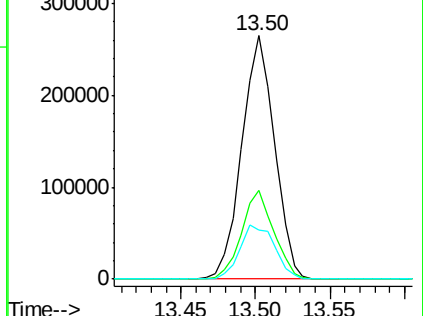
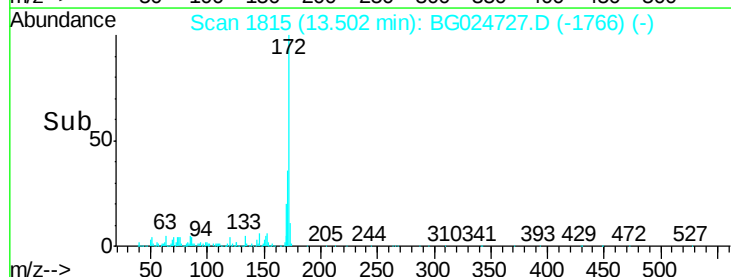
170 20.3 21.8 32.6#

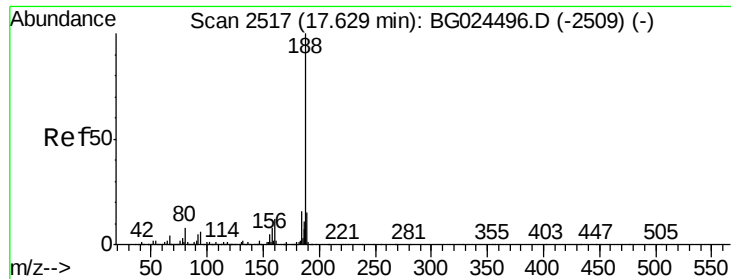


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

BNA_G

ClientSampleId :

S22-0013DL

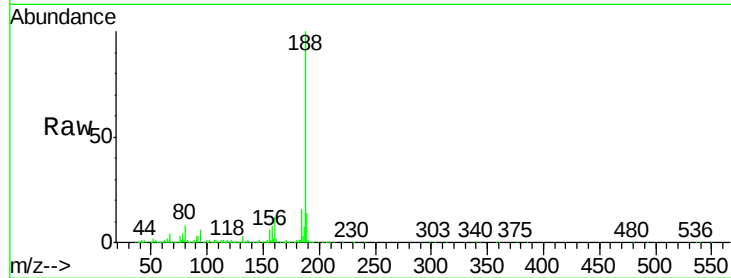
Tot Ion:188 Resp: 677284

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

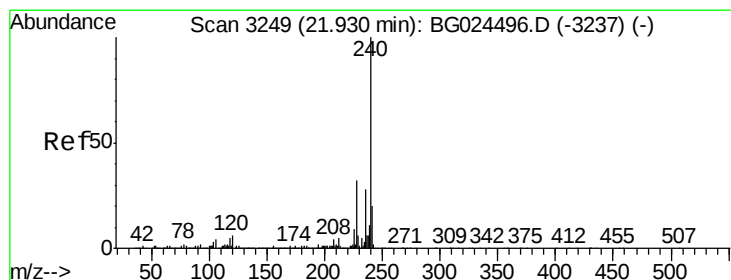
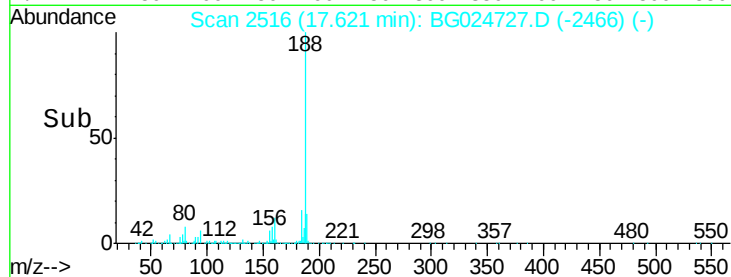
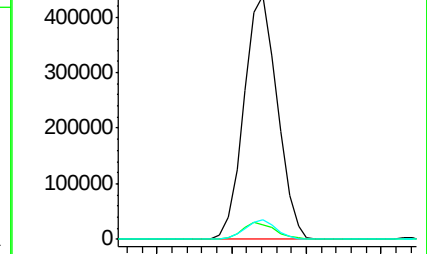
80 8.2 7.5 11.3



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: 20.00 ng

RT: 21.91 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

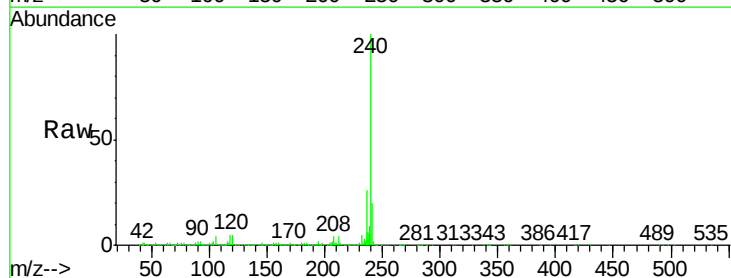
Tgt Ion:240 Resp: 974260

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

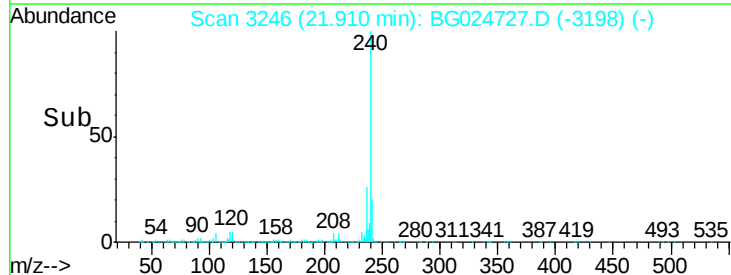
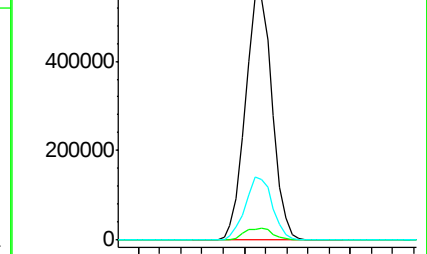
236 26.0 22.2 33.4

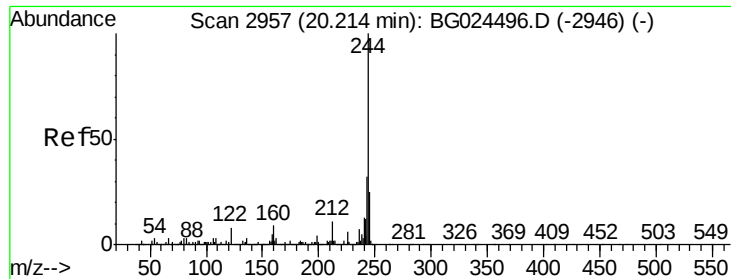


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 24.05 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

Instrument :

BNA_G

ClientSampleId :

S22-0013DL

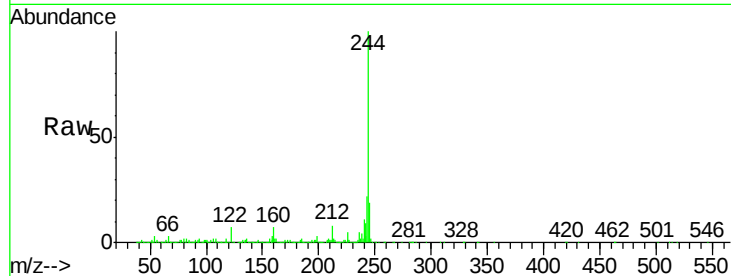
Tot Ion:244 Resp: 784106

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

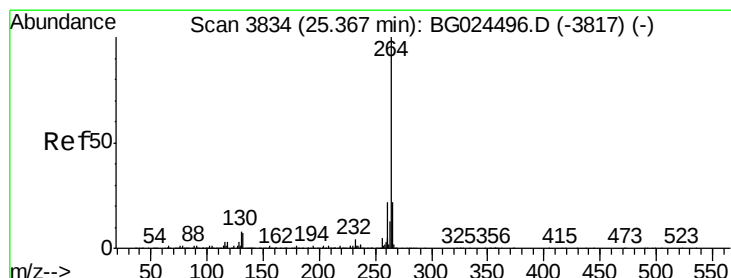
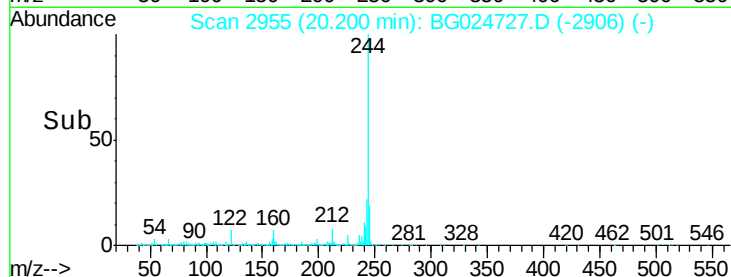
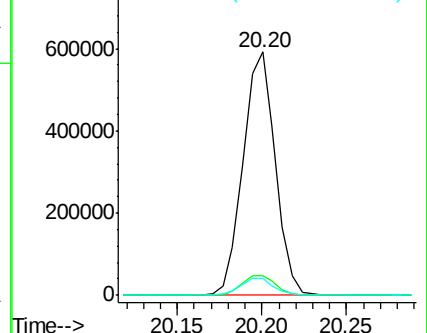
122 6.8 8.6 12.8#



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: 20.00 ng

RT: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024727.D

Acq: 7 Nov 2016 13:20

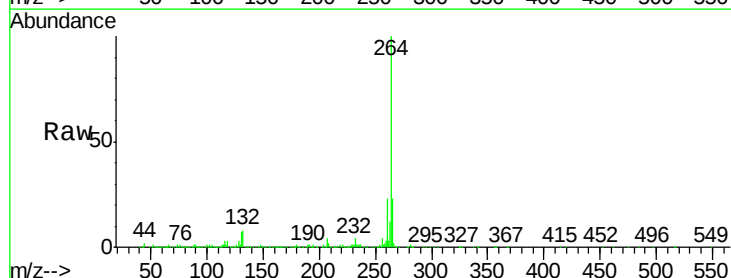
Tgt Ion:264 Resp: 1008223

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 22.7 18.2 27.4



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

