

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027834.D
 Acq On : 3 Jul 2017 16:15
 Operator : SJ/JU
 Sample : I4025-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

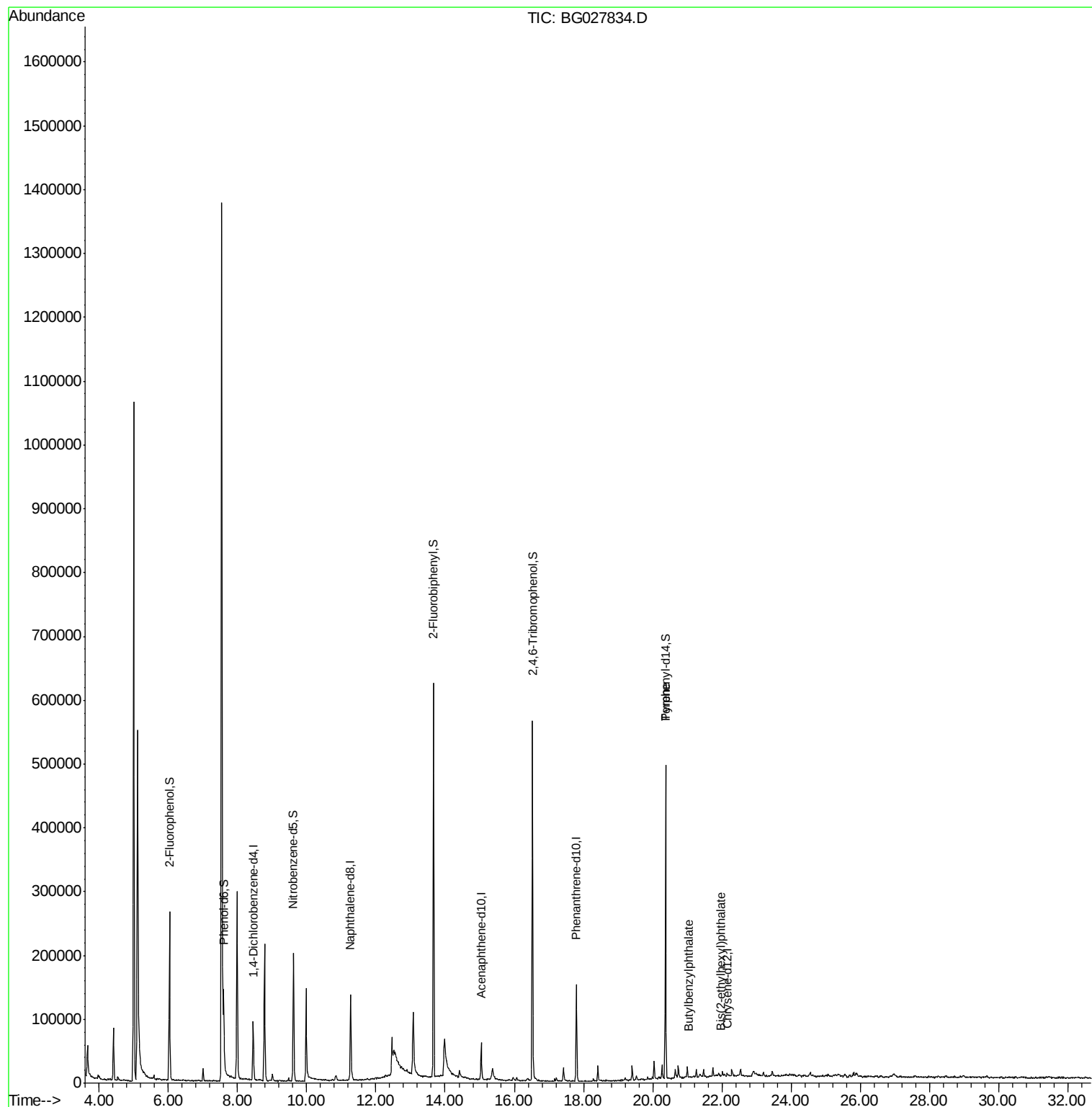
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26821	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	114788	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	16958	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	70629	20.00	ng	-0.02
75) Chrysene-d12	22.15	240	945	20.00	ng	-0.02
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	118773	68.19	ng	-0.02
7) Phenol-d6	7.60	99	52713	19.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	123758	60.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	118594	509.87	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	322593	271.68	ng	-0.02
78) Terphenyl-d14	20.36	244	139114	3451.16	ng	-0.02
Target Compounds						
77) Pyrene	20.36	202	524	8.84	ng	# 1
79) Butylbenzylphthalate	21.03	149	114	4.27	ng	# 19
83) Bis(2-ethylhexyl)phthalate	21.97	149	795	20.37	ng	# 51

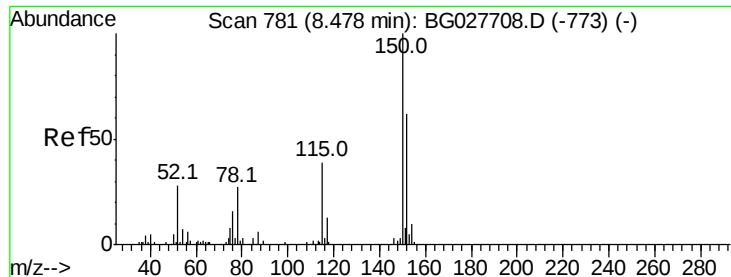
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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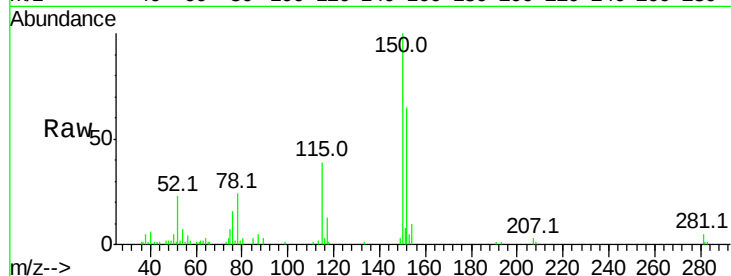


#1

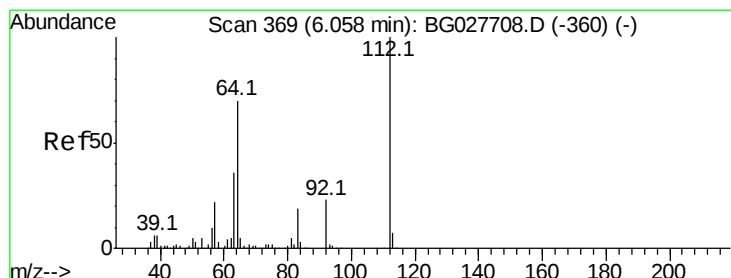
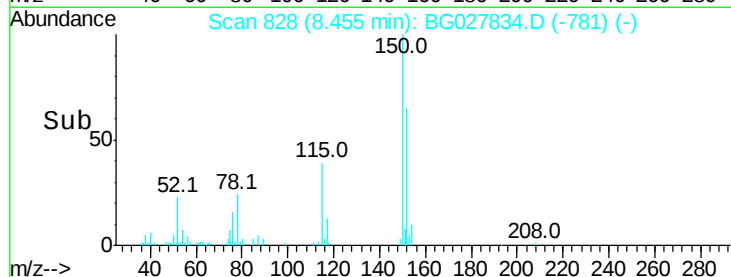
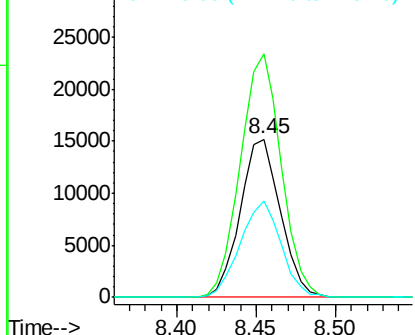
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26821
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 60.7 48.1 72.1



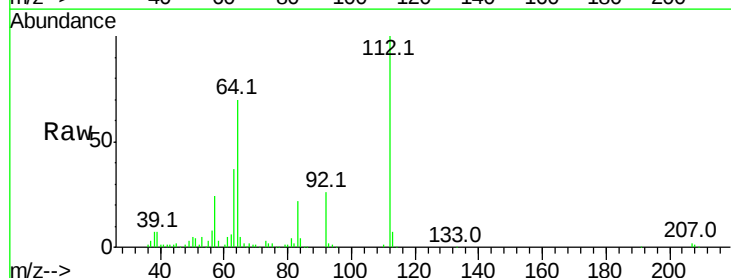
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



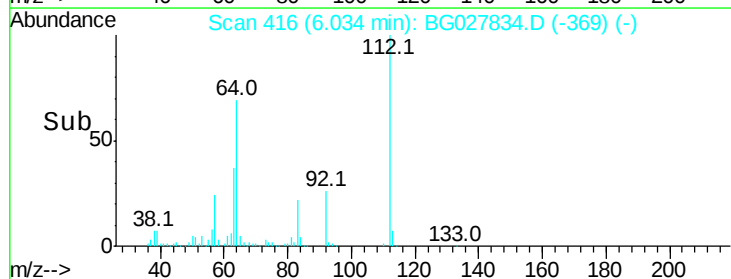
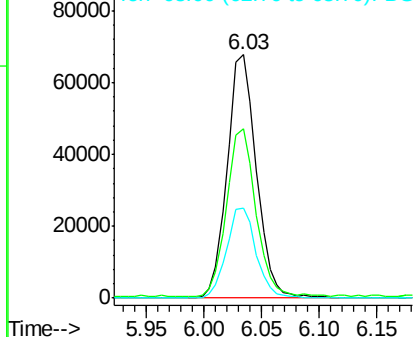
#5

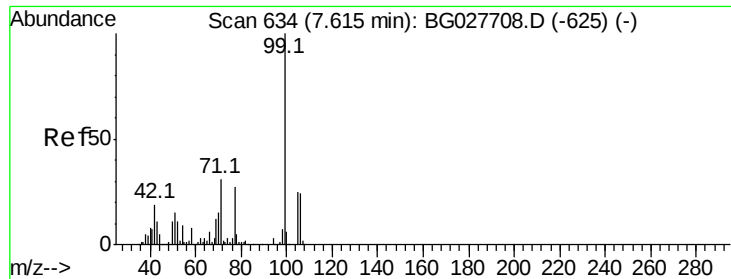
2-Fluorophenol
Concen: 68.19 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Tgt Ion:112 Resp: 118773
Ion Ratio Lower Upper
112 100
64 69.8 61.8 92.6
63 37.0 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: 19.81 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027834.D

Acq: 3 Jul 2017 16:15

Instrument :

BNA_G

ClientSampleId :

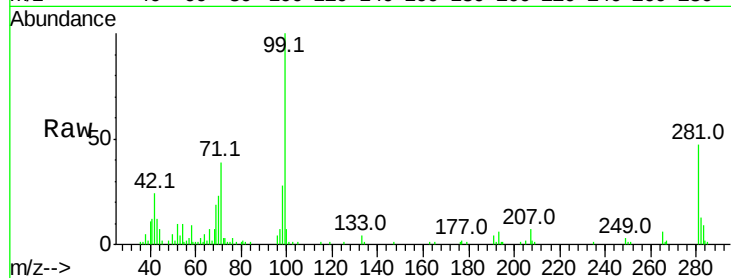
Tot Ion: 99 Resp: 52713

Ion Ratio Lower Upper

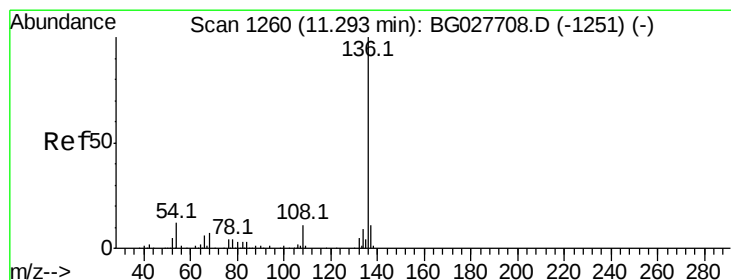
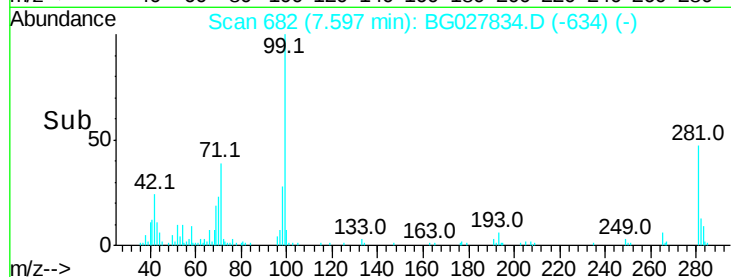
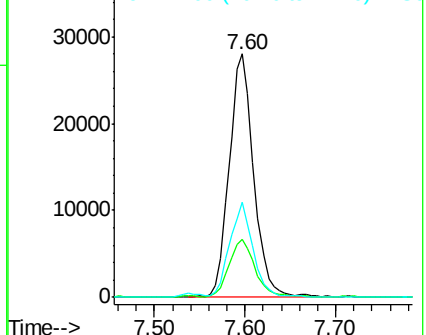
99 100

42 23.6 20.5 30.7

71 39.2 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: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027834.D

Acq: 3 Jul 2017 16:15

Tgt Ion: 136 Resp: 114788

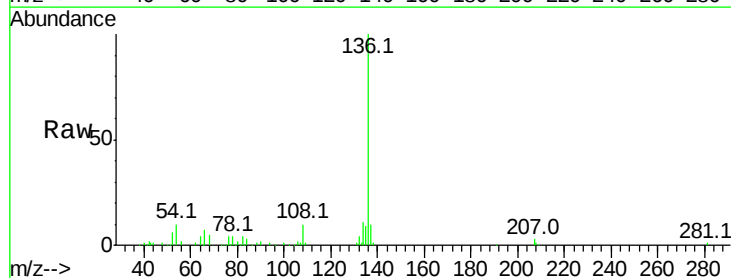
Ion Ratio Lower Upper

136 100

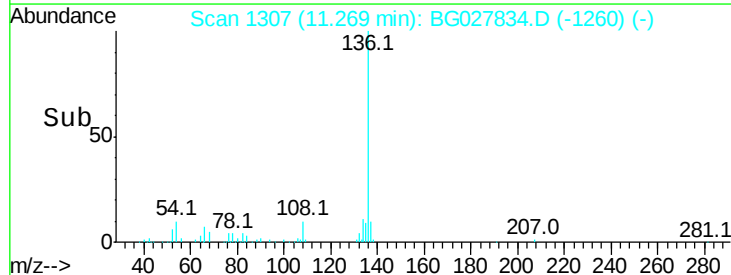
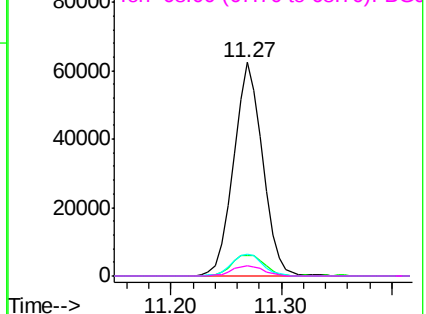
137 9.6 8.9 13.3

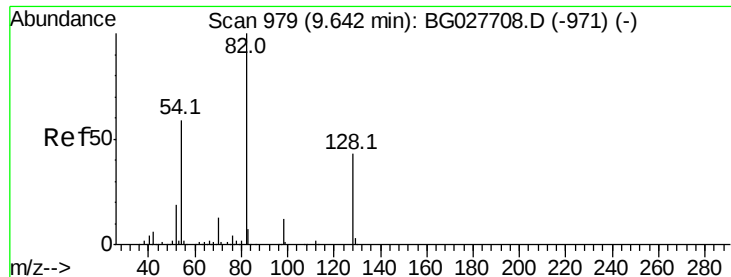
54 10.2 9.3 13.9

68 4.8 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

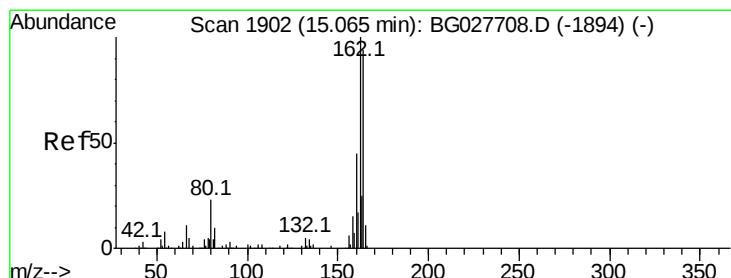
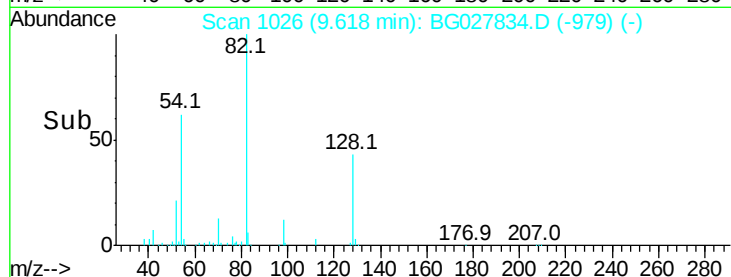
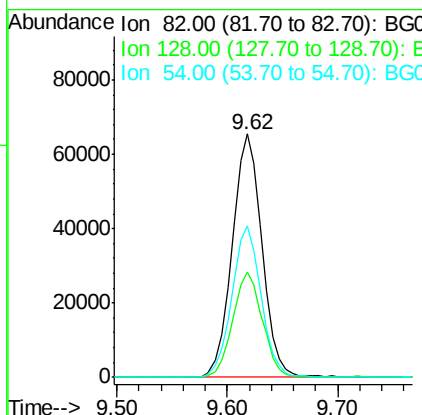
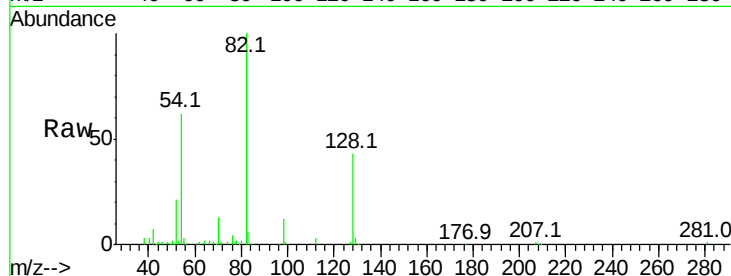




#23
 Nitrobenzene-d5
 Concen: 60.10 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

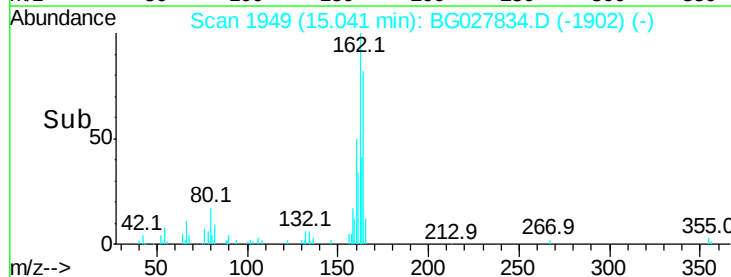
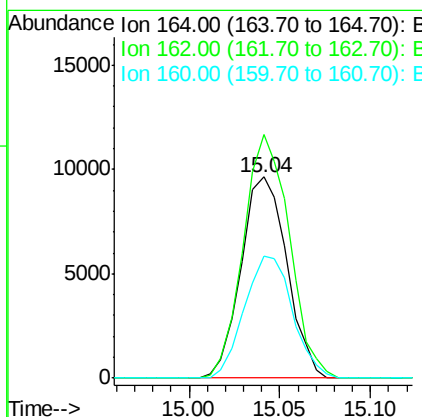
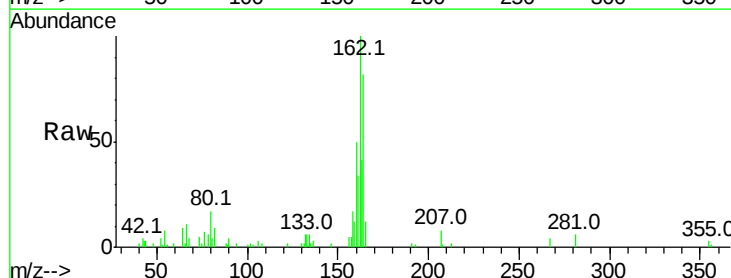
Instrument :
 BNA_G
 ClientSampleId :

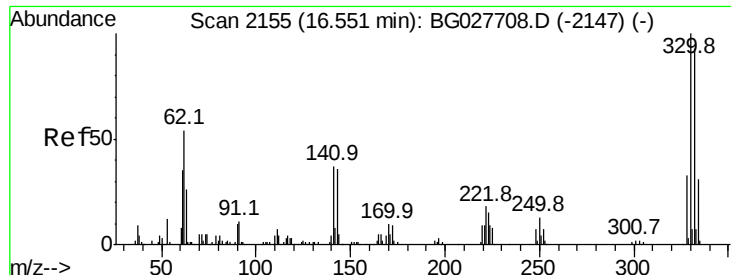
Tot Ion: 82 Resp: 123758
 Ion Ratio Lower Upper
 82 100
 128 43.1 26.4 39.6#
 54 62.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

Tgt Ion:164 Resp: 16958
 Ion Ratio Lower Upper
 164 100
 162 121.3 85.1 127.7
 160 60.7 34.7 52.1#

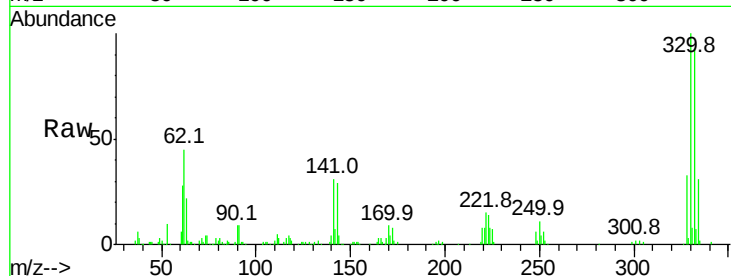




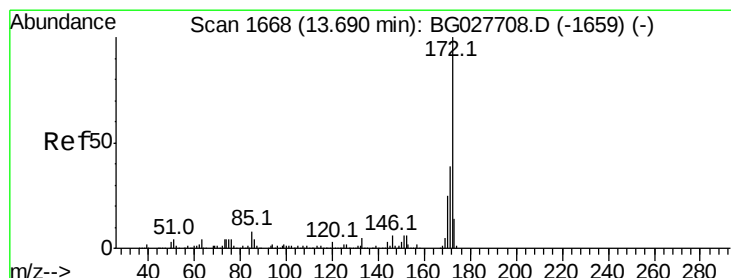
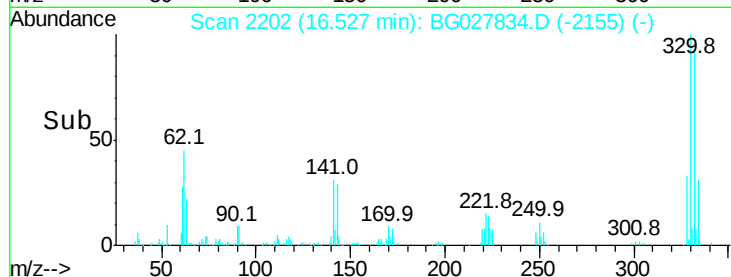
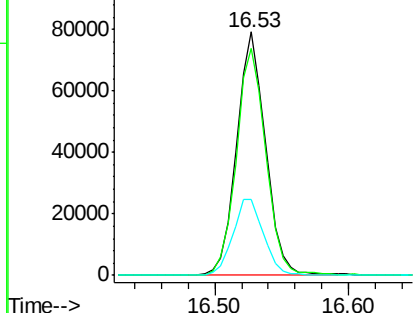
#41
 2,4,6-Tribromophenol
 Concen: 509.87 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	33.5	32.1	48.1

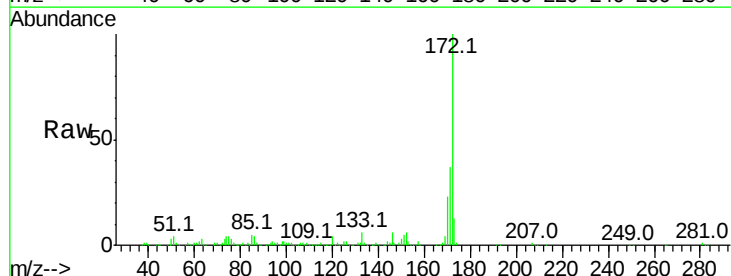


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

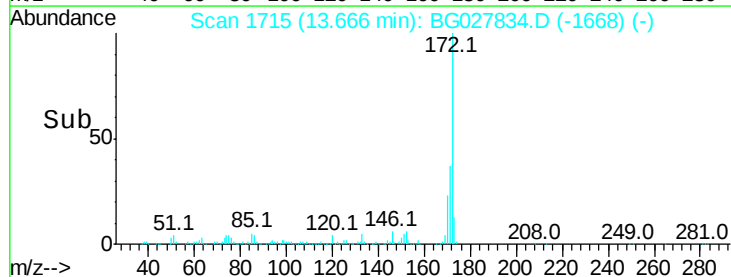
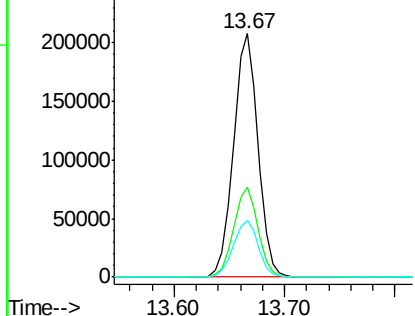


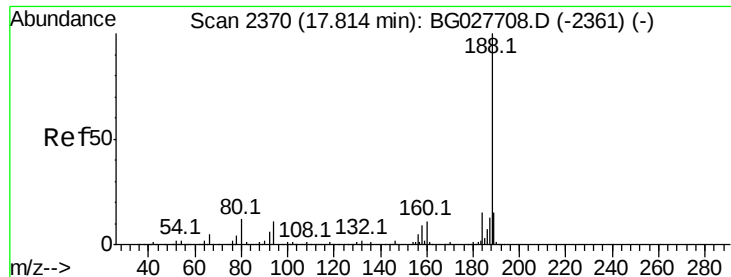
#44
 2-Fluorobiphenyl
 Concen: 271.68 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.5	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

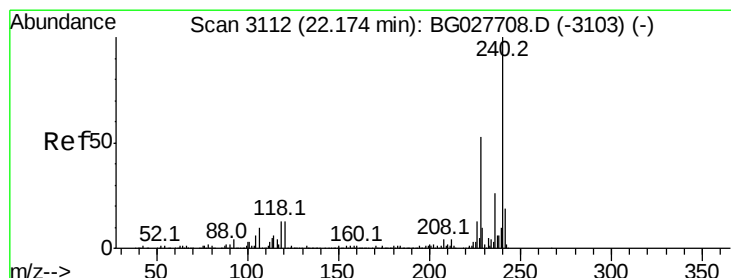
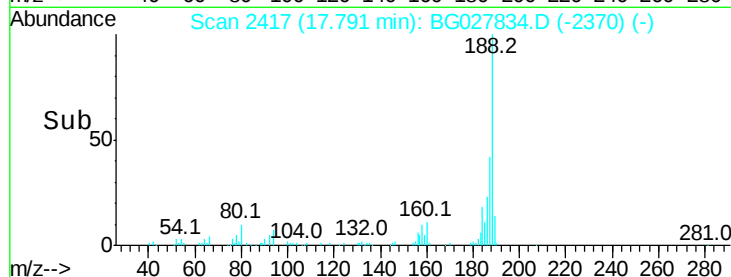
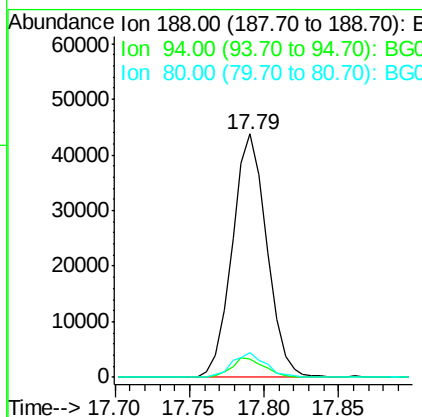
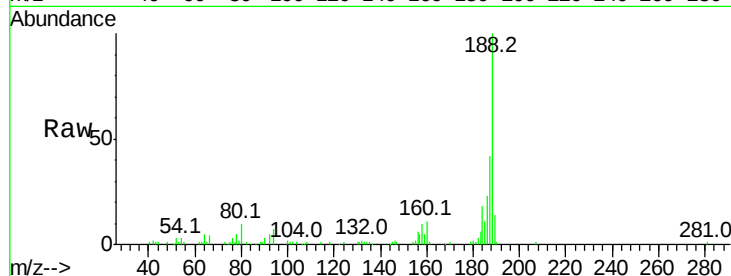




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

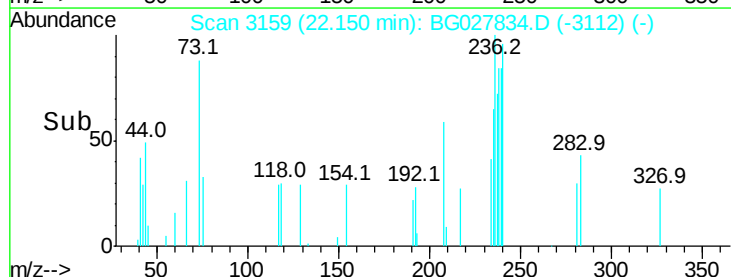
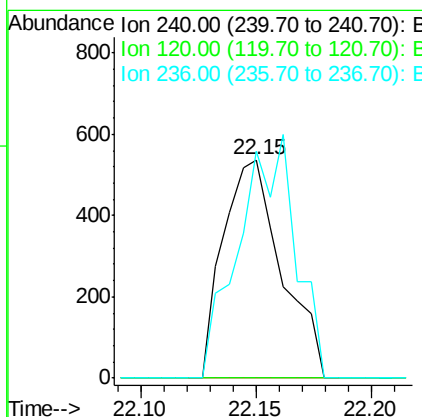
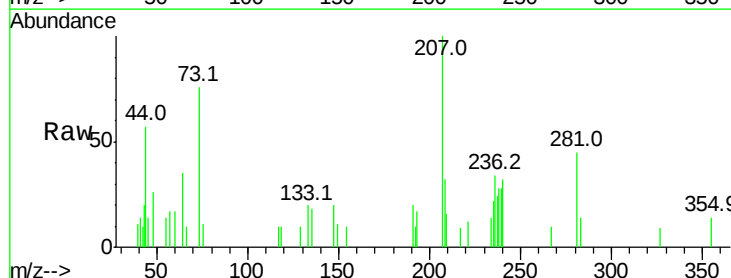
Instrument :
BNA_G
ClientSampleId :

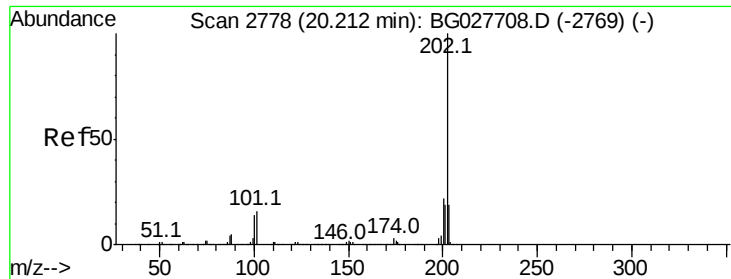
Tot Ion:188 Resp: 70629
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 10.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.15 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Tgt Ion:240 Resp: 945
Ion Ratio Lower Upper
240 100
120 0.0 5.7 8.5#
236 104.3 22.2 33.4#

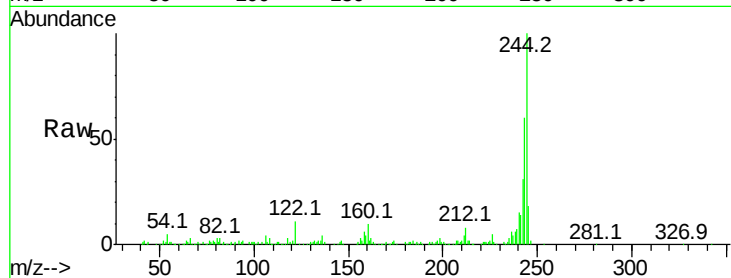




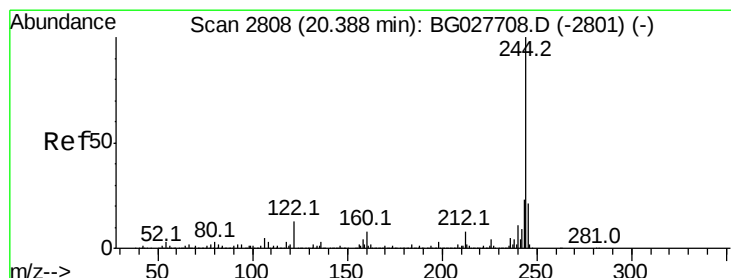
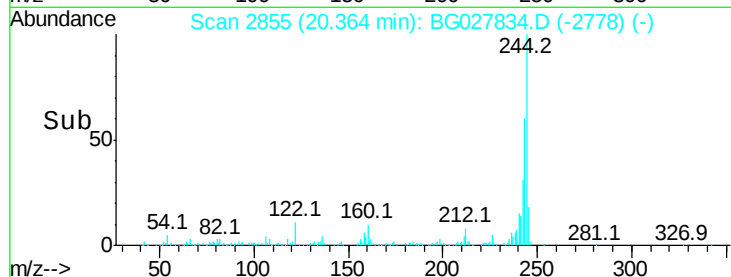
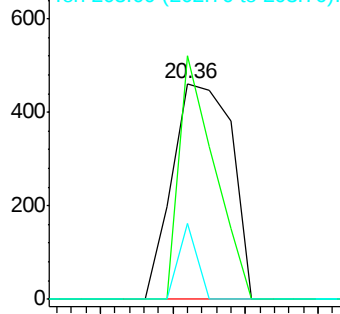
#77
Pvrene
Concen: 8.84 ng
RT: 20.36 min Scan# 2855
Delta R.T. 0.15 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	113.0	19.6	29.4#
203	34.9	15.8	23.8#

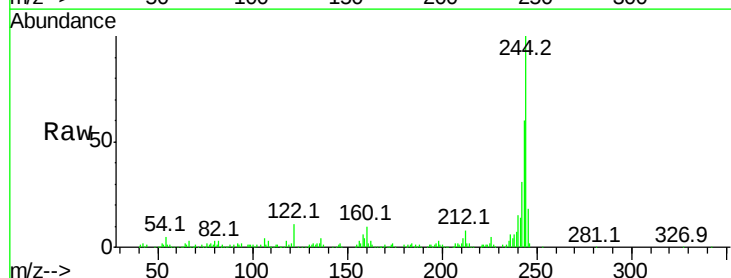


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

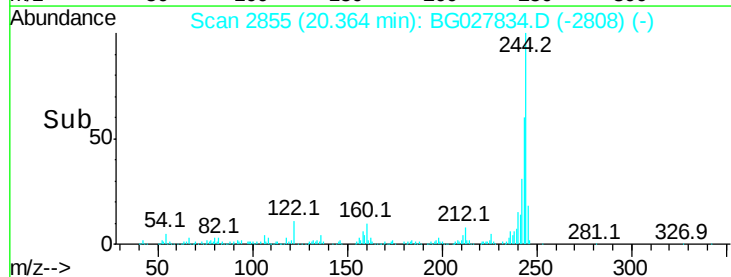
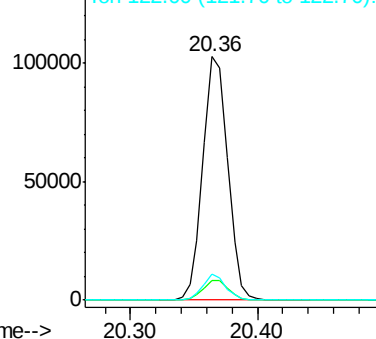


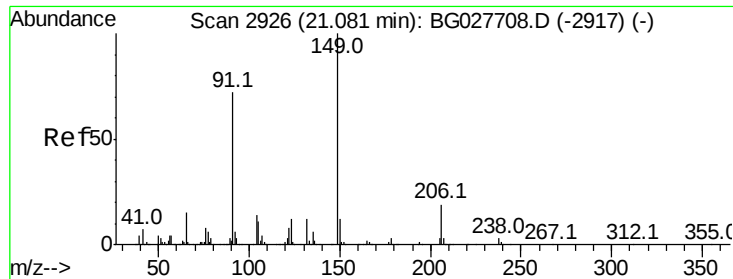
#78
Terphenyl-d14
Concen: 3451.16 ng
RT: 20.36 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	10.5	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

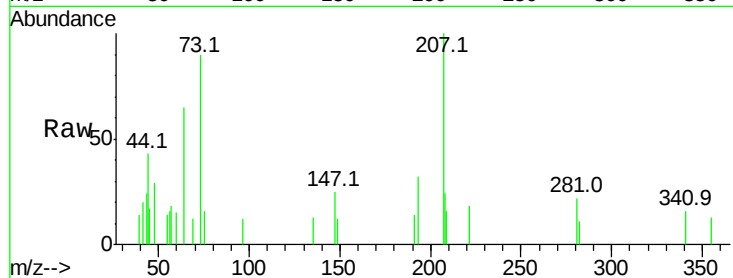




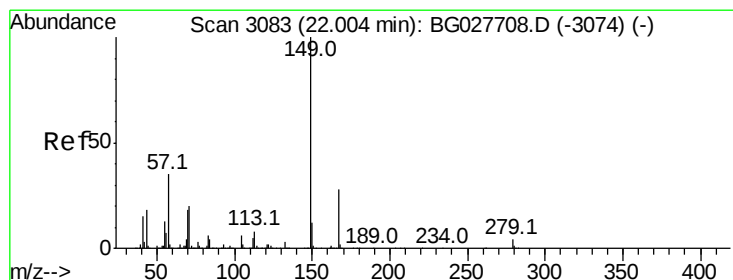
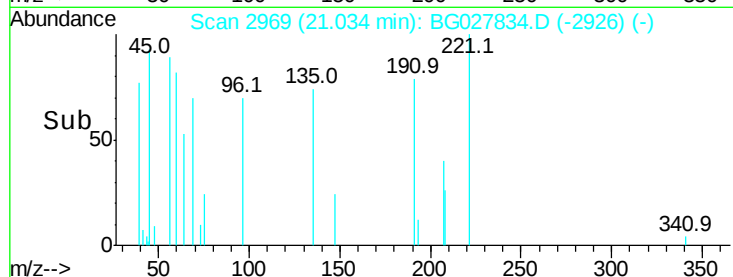
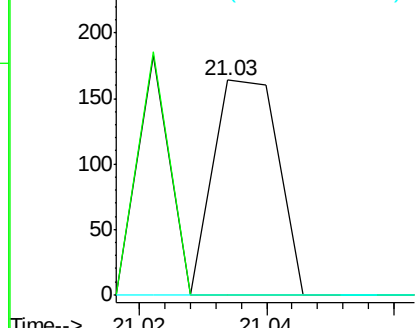
#79
 Butylbenzylphthalate
 Concen: 4.27 ng
 RT: 21.03 min Scan# 2969
 Delta R.T. -0.05 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 114
 Ion Ratio Lower Upper
 149 100
 91 0.0 63.5 95.3#
 206 0.0 21.0 31.6#

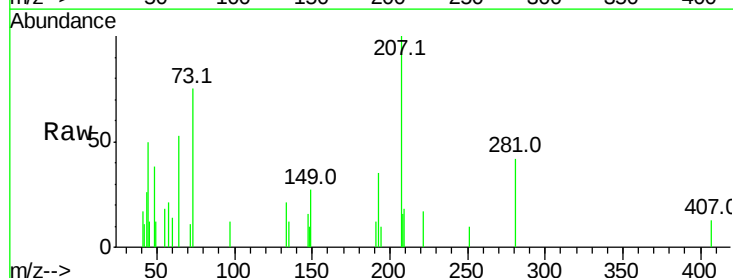


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

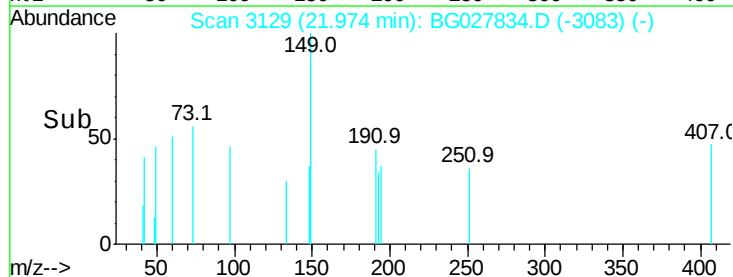
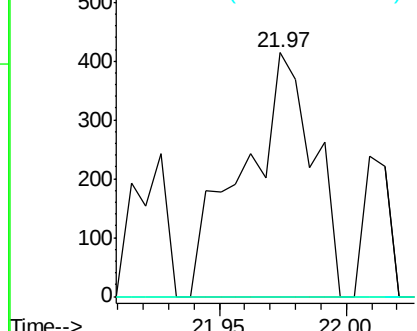


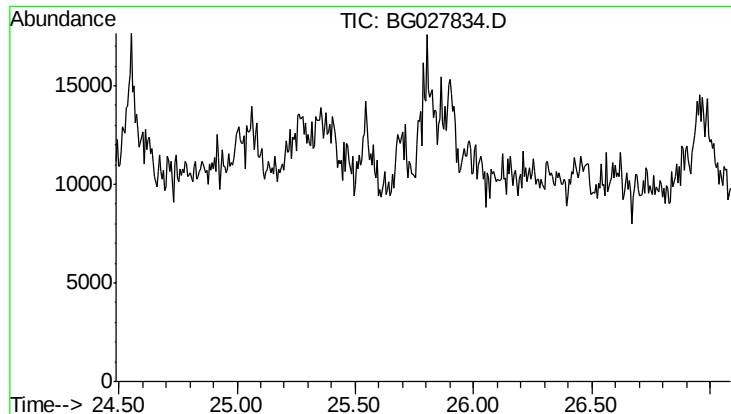
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.37 ng
 RT: 21.97 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG027834.D
 Acq: 3 Jul 2017 16:15

Tgt Ion:149 Resp: 795
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.7 35.5#
 279 0.0 4.6 6.8#



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





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 25.79 min
Lab File: BG027834.D
Acq: 3 Jul 2017 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	27.3
265	22.8

