

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024729.D
 Acq On : 7 Nov 2016 15:15
 Operator : UM/SJ
 Sample : H5531-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 16:36:59 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

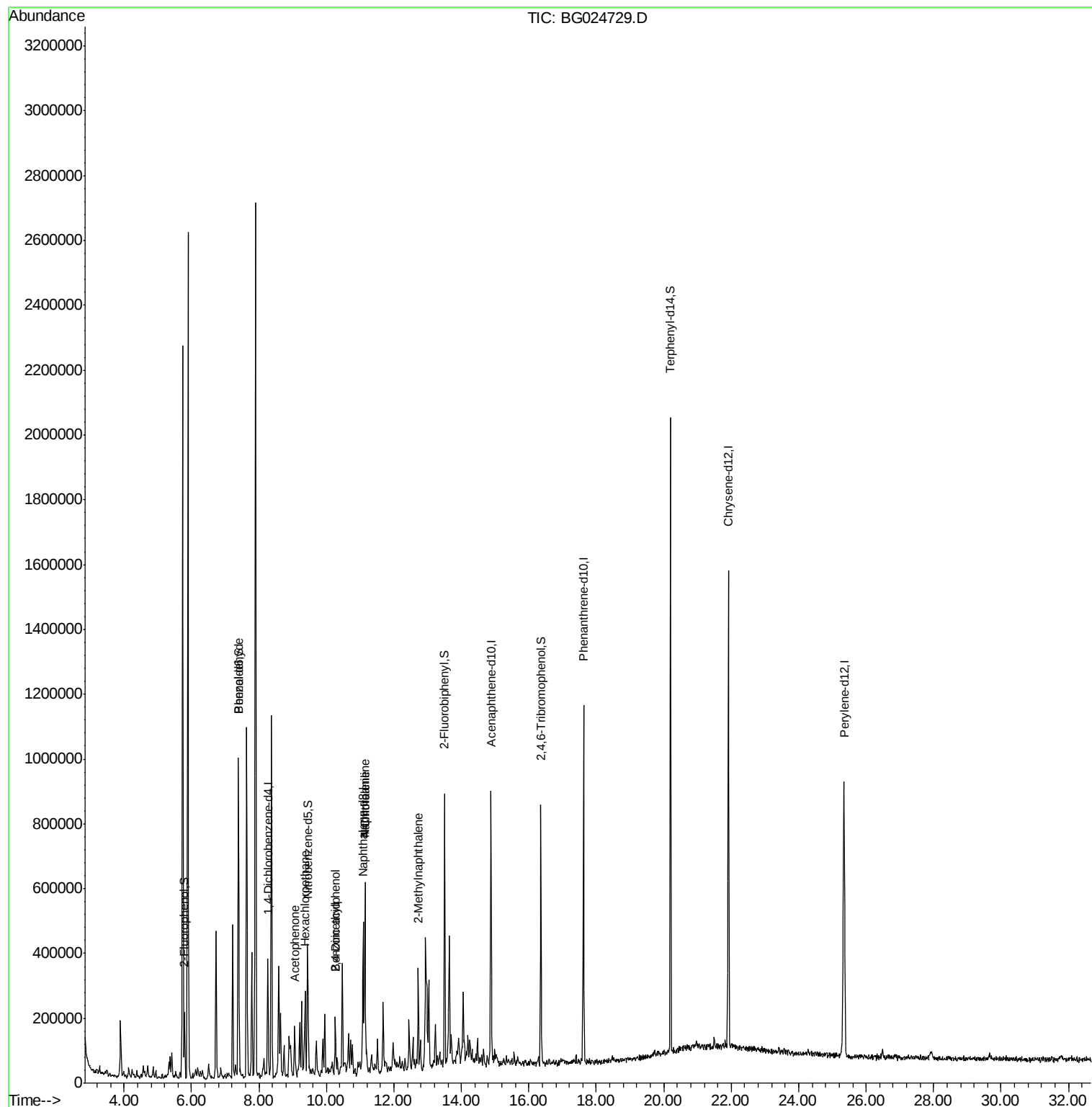
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	95243	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	379082	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	316397	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	686372	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1016146	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1061413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	76479	13.16	ng	0.00
7) Phenol-d6	7.40	99	65742	8.25	ng	0.00
23) Nitrobenzene-d5	9.44	82	189269	22.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	168409	35.63	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	430059	22.59	ng	-0.01
78) Terphenyl-d14	20.20	244	868022	25.53	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.39	77	80081	16.26	ng	# 1
18) Hexachloroethane	9.37	117	39322	14.16	ng	# 1
22) Acetophenone	9.06	105	112151	11.52	ng	# 48
27) 2,4-Dimethylphenol	10.26	122	40073	6.66	ng	# 84
31) Naphthalene	11.14	128	451723	23.89	ng	99
32) Benzoic acid	10.26	122	40073	8.00	ng	# 24
33) 4-Chloroaniline	11.14	127	62900	7.66	ng	# 33
37) 2-Methylnaphthalene	12.72	142	129553	9.39	ng	96

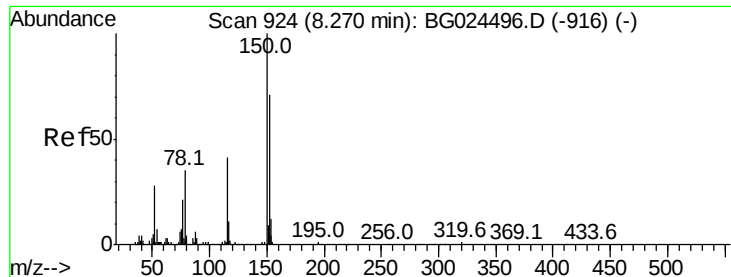
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

Instrument :

BNA_G

ClientSampleId :

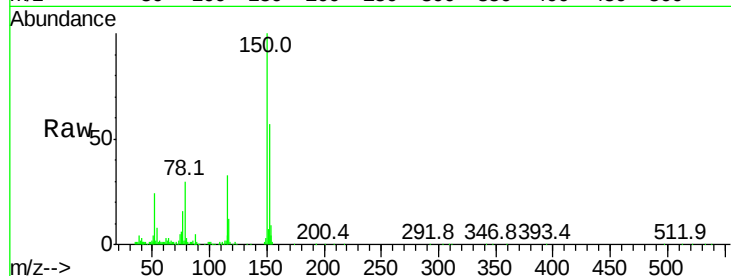
Tot Ion:152 Resp: 95243

Ion Ratio Lower Upper

152 100

150 174.0 114.0 171.0#

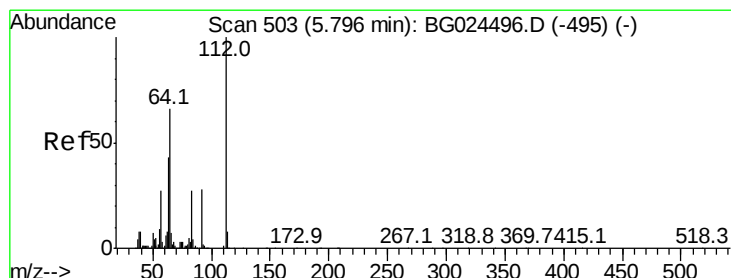
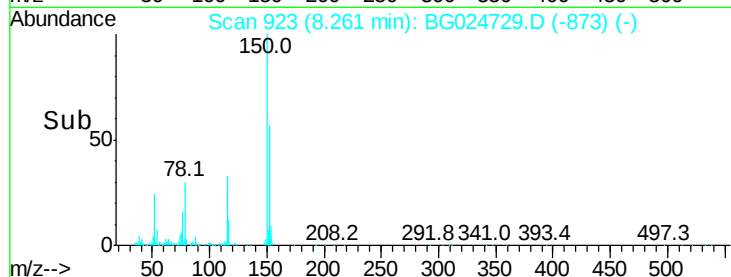
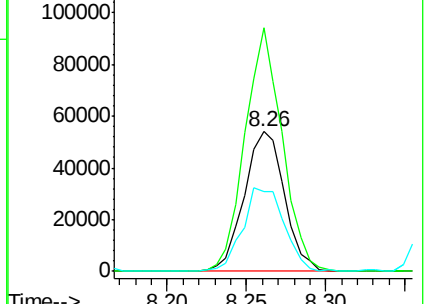
115 57.4 48.1 72.1



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: 13.16 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

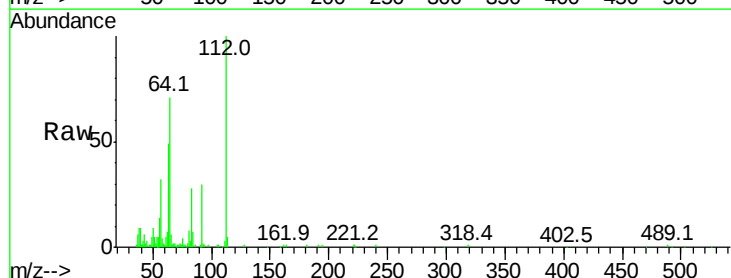
Tgt Ion:112 Resp: 76479

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

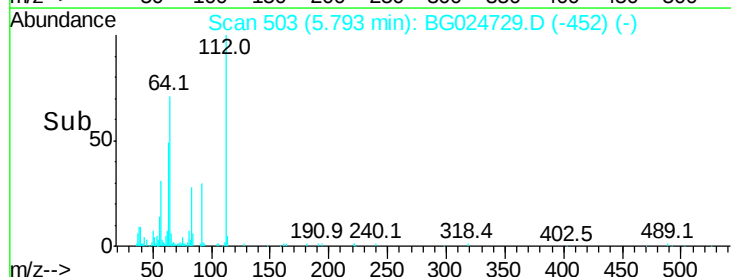
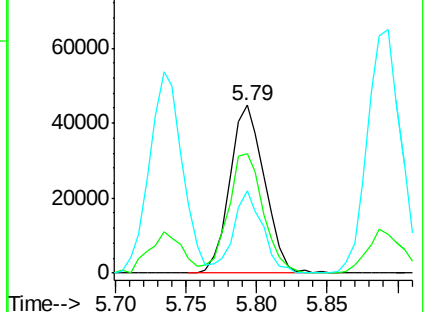
63 49.2 37.2 55.8

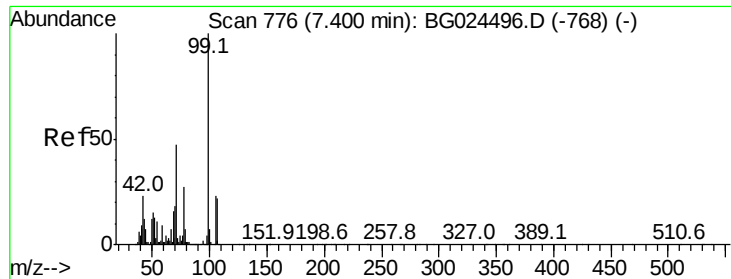


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 8.25 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

Instrument :

BNA_G

ClientSampled :

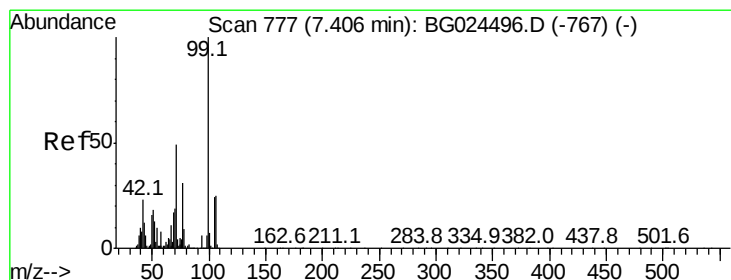
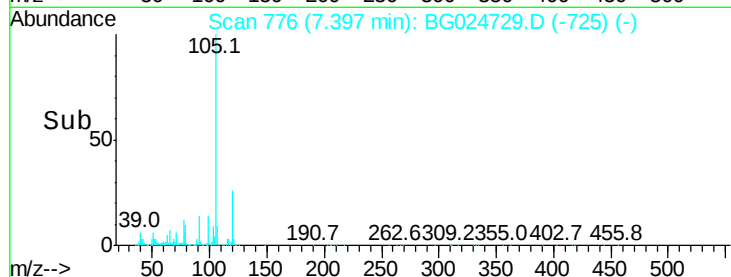
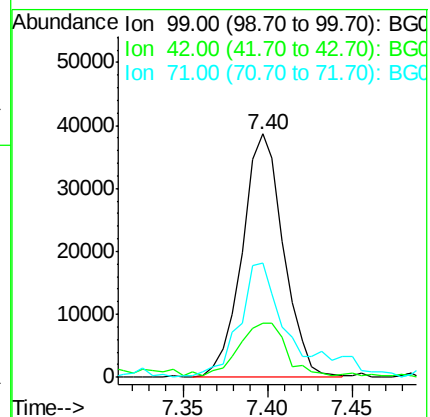
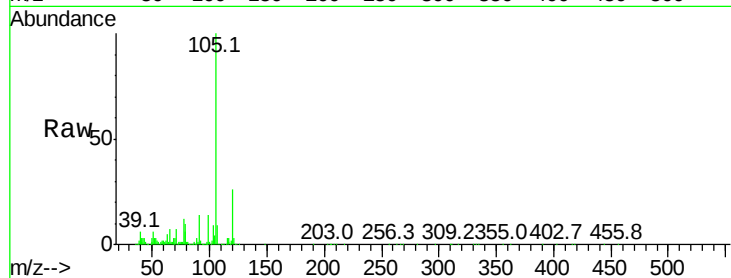
Tot Ion: 99 Resp: 65742

Ion Ratio Lower Upper

99 100

42 22.4 20.5 30.7

71 46.7 37.6 56.4



#9

Benzaldehyde

Concen: 16.26 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

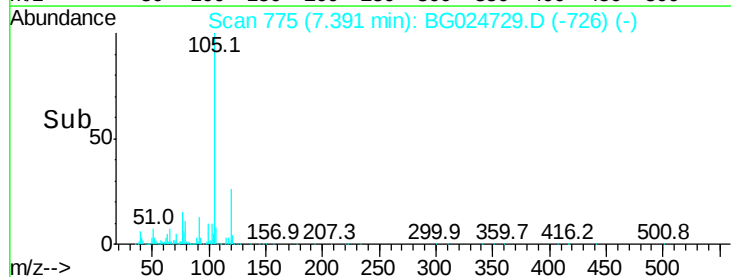
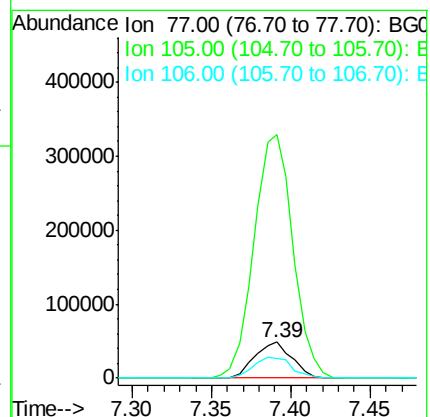
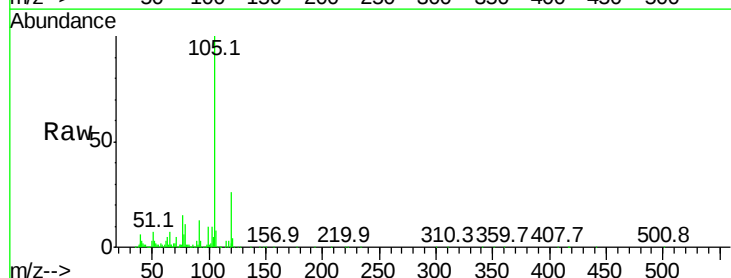
Tgt Ion: 77 Resp: 80081

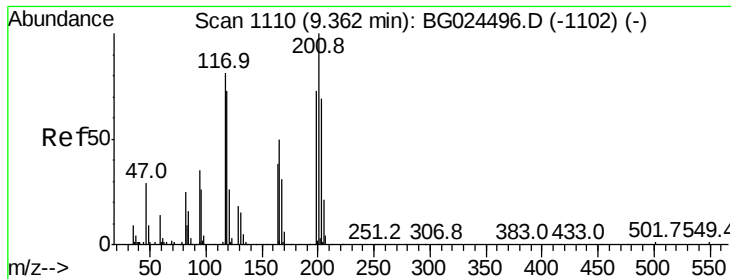
Ion Ratio Lower Upper

77 100

105 681.9 60.9 100.9#

106 55.2 55.1 95.1

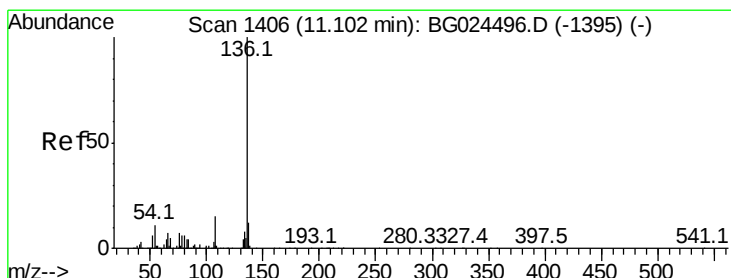
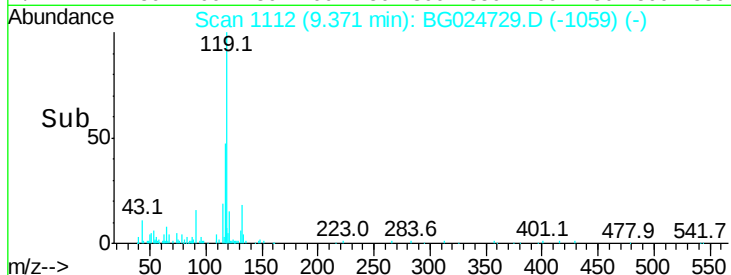
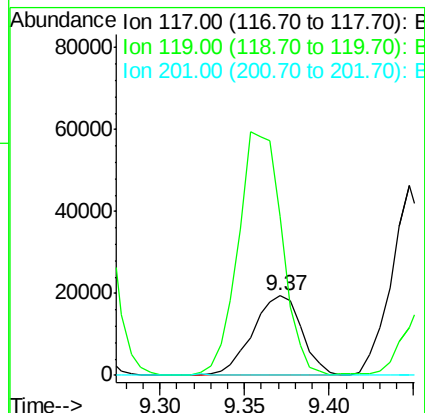
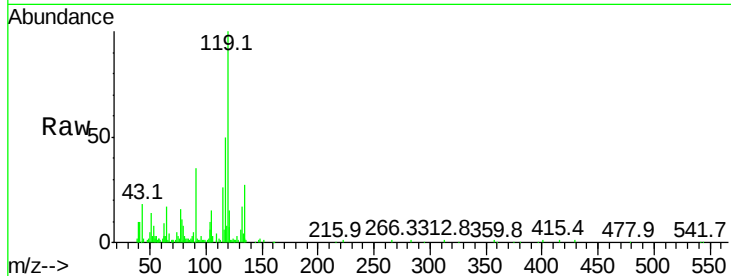




#18
Hexachloroethane
Concen: 14.16 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

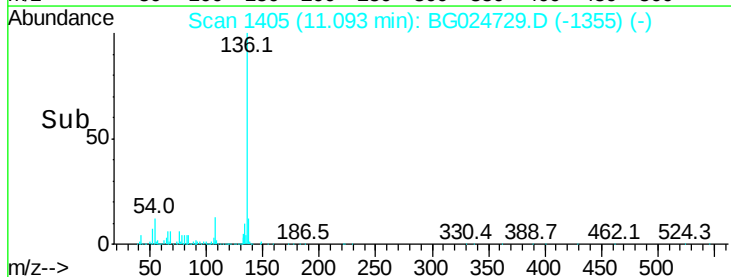
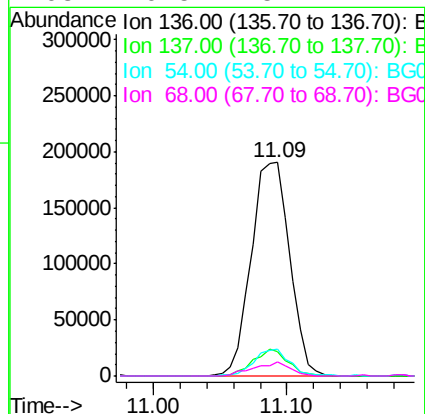
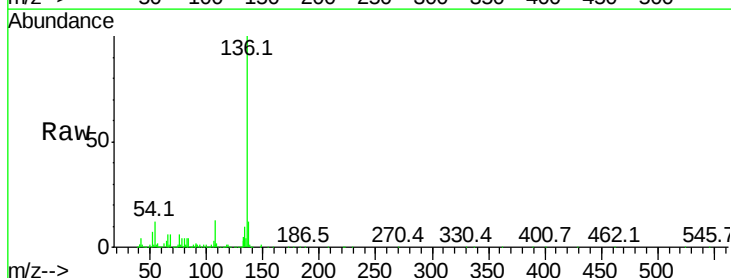
Instrument :
BNA_G
ClientSampleId :

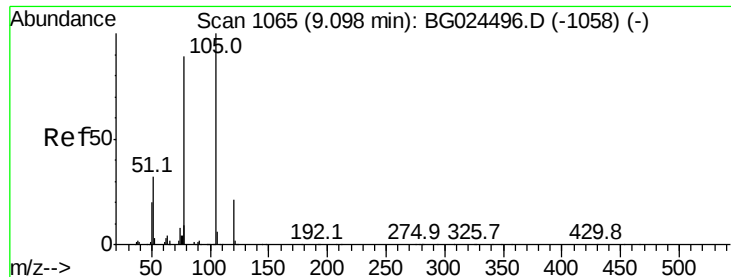
Tot Ion:117 Resp: 39322
Ion Ratio Lower Upper
117 100
119 200.1 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:136 Resp: 379082
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 12.3 9.3 13.9
68 6.5 5.1 7.7





#22

Acetophenone

Concen: 11.52 ng

RT: 9.06 min Scan# 1059

Delta R.T. -0.04 min

Lab File: BG024729.D

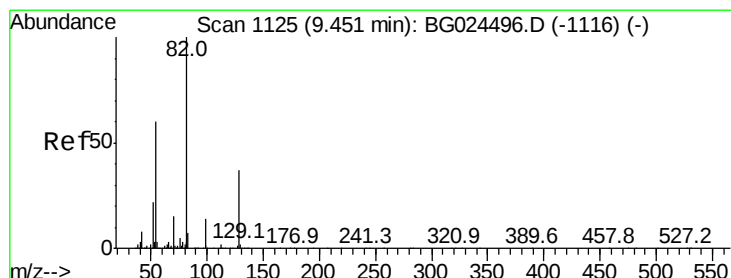
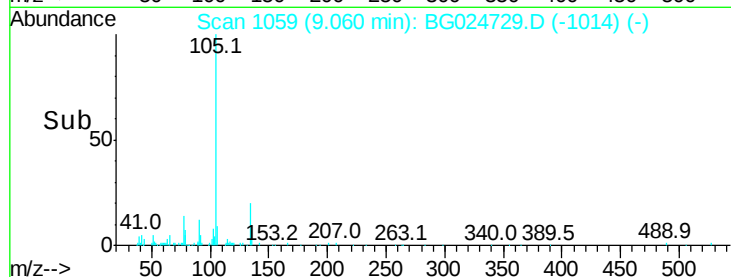
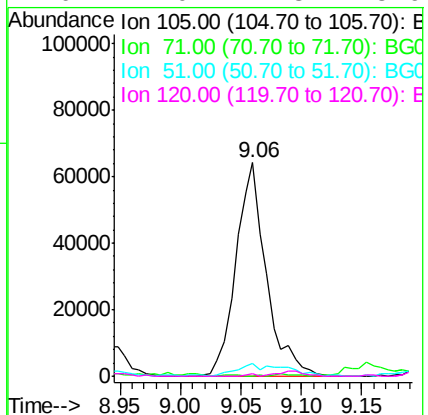
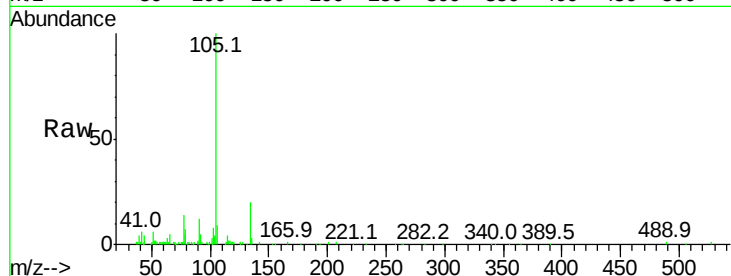
Acq: 7 Nov 2016 15:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	105	Resp:	112151
Ion Ratio	Lower	Upper	
105	100		
71	0.3	0.9	1.3#
51	5.7	34.0	51.0#
120	1.0	17.3	25.9#



#23

Nitrobenzene-d5

Concen: 22.73 ng

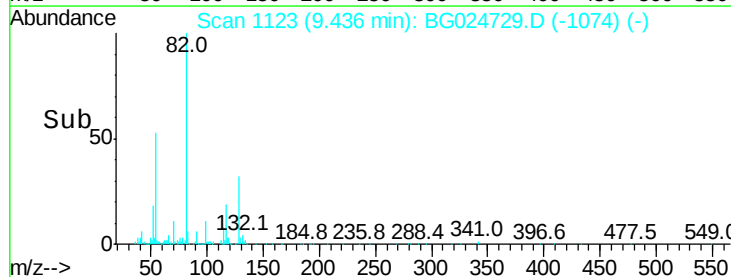
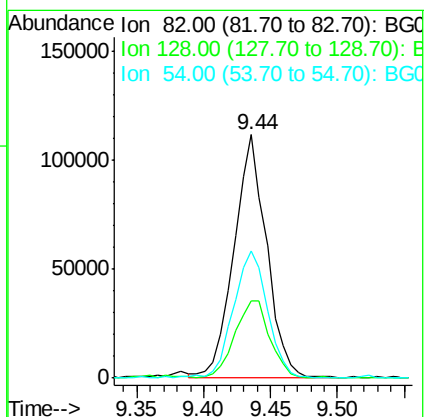
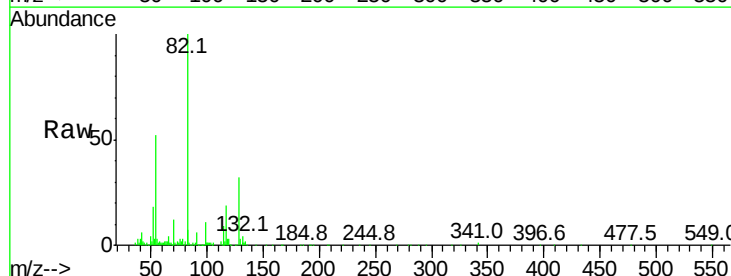
RT: 9.44 min Scan# 1123

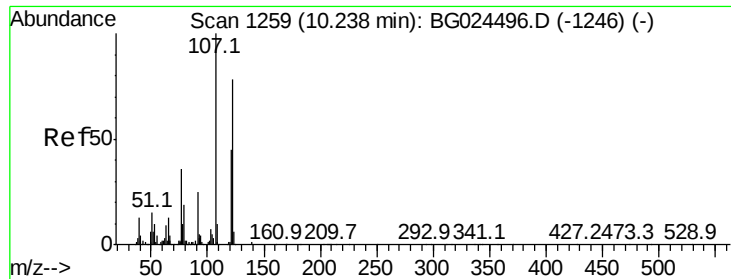
Delta R.T. -0.01 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

Tgt Ion:	82	Resp:	189269
Ion Ratio	Lower	Upper	
82	100		
128	31.5	26.4	39.6
54	52.0	49.4	74.2

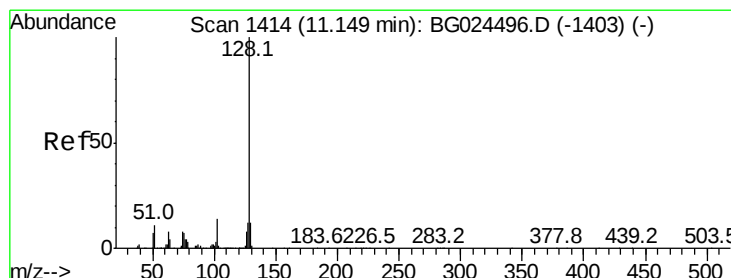
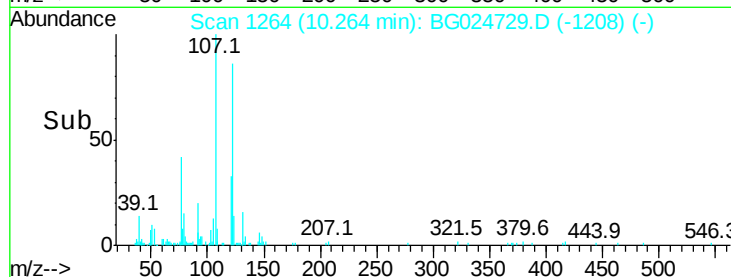
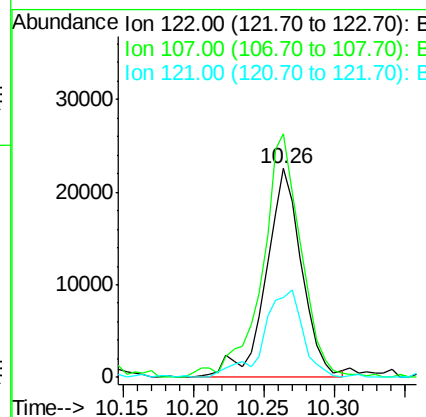
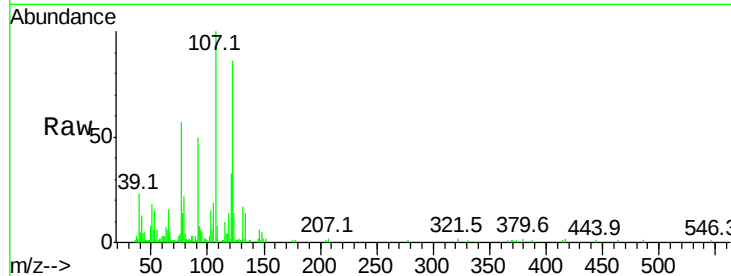




#27
2,4-Dimethylphenol
Concen: 6.66 ng
RT: 10.26 min Scan# 1264
Delta R.T. 0.03 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

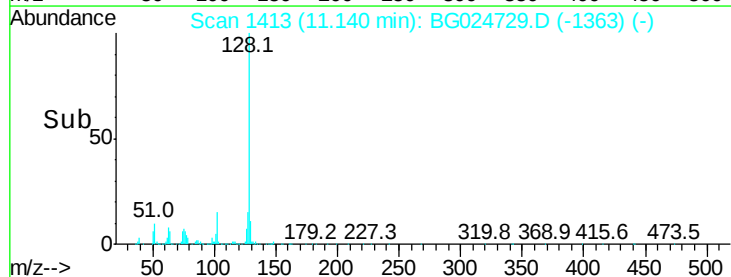
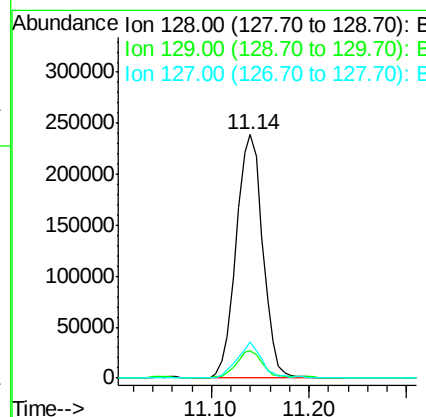
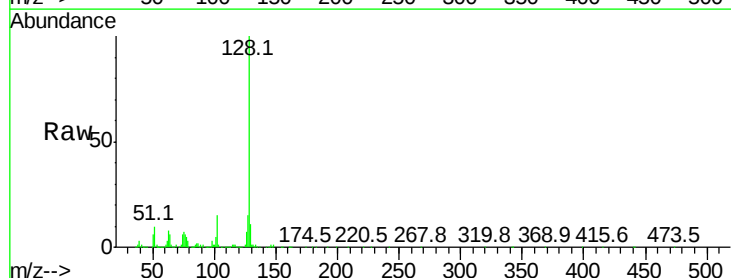
Instrument :
BNA_G
ClientSampleId :

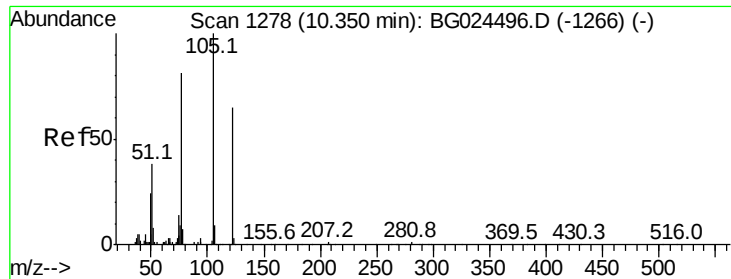
Tot Ion:122 Resp: 40073
Ion Ratio Lower Upper
122 100
107 116.6 104.2 156.4
121 38.4 46.0 69.0#



#31
Naphthalene
Concen: 23.89 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:128 Resp: 451723
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.7 11.4 17.0

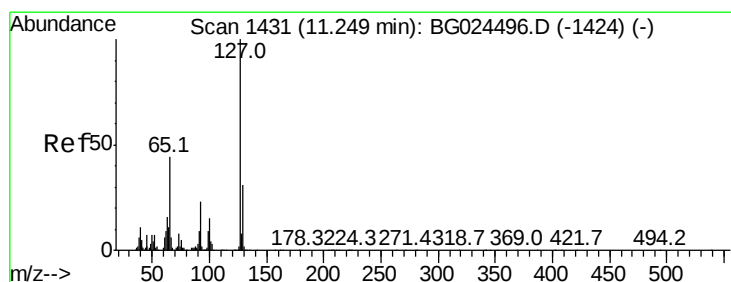
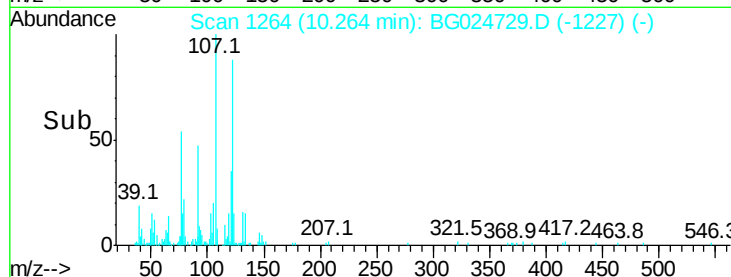
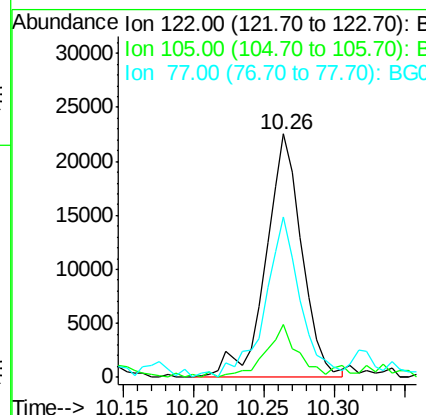
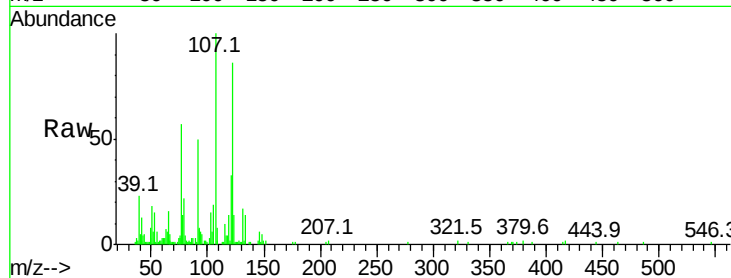




#32
Benzoic acid
Concen: 8.00 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

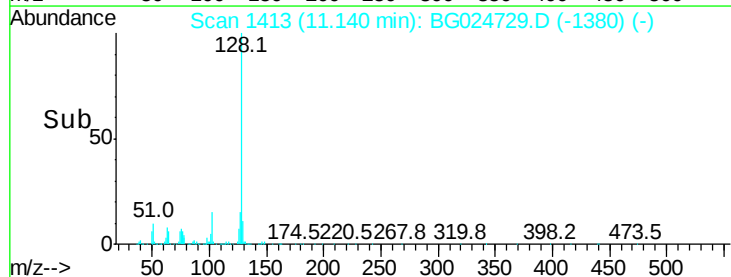
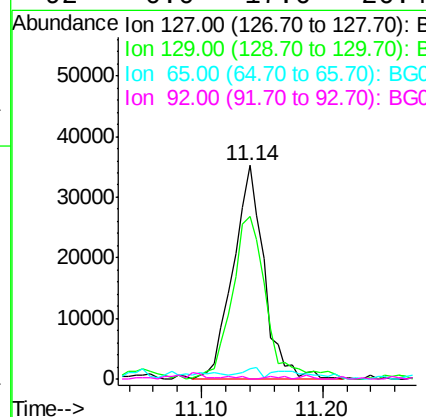
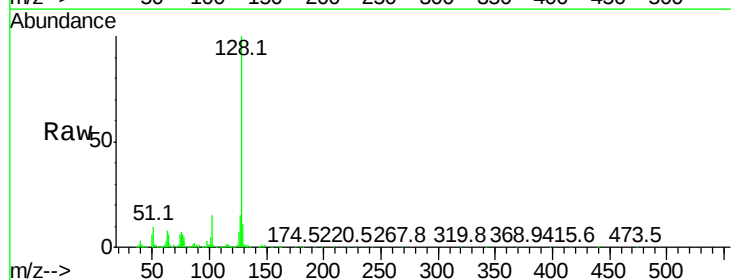
Instrument :
BNA_G
ClientSampleId :

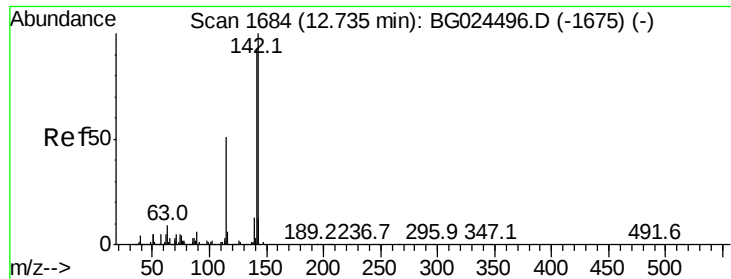
Tot Ion:122 Resp: 40073
Ion Ratio Lower Upper
122 100
105 21.7 120.1 160.1#
77 66.0 104.6 144.6#



#33
4-Chloroaniline
Concen: 7.66 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.11 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:127 Resp: 62900
Ion Ratio Lower Upper
127 100
129 76.4 23.6 35.4#
65 4.6 37.7 56.5#
92 0.0 17.6 26.4#

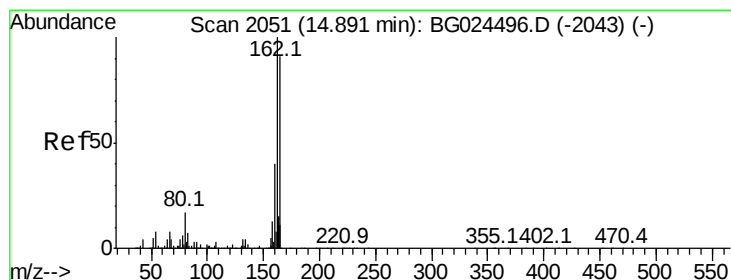
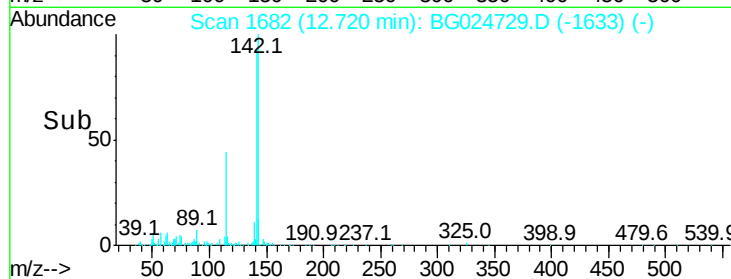
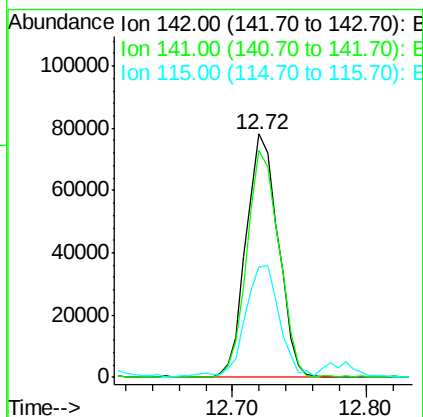
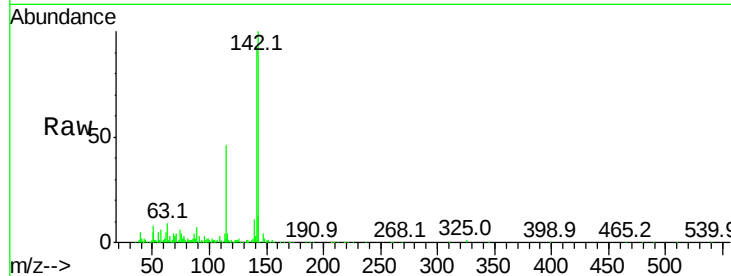




#37
2-Methylnaphthalene
Concen: 9.39 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

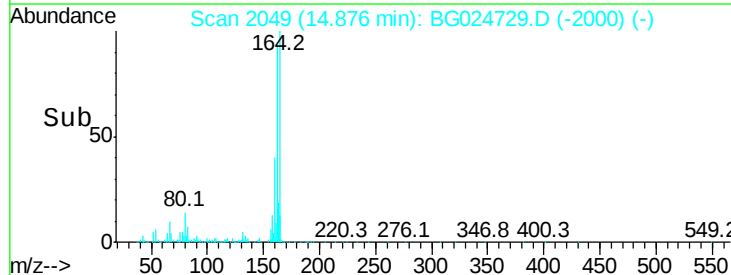
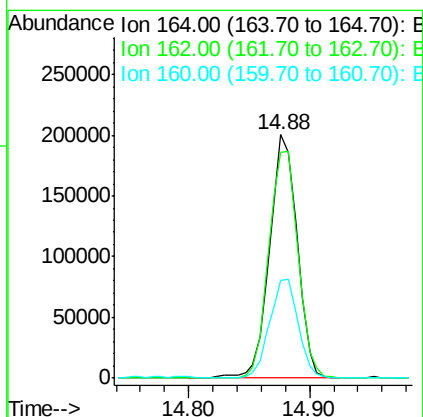
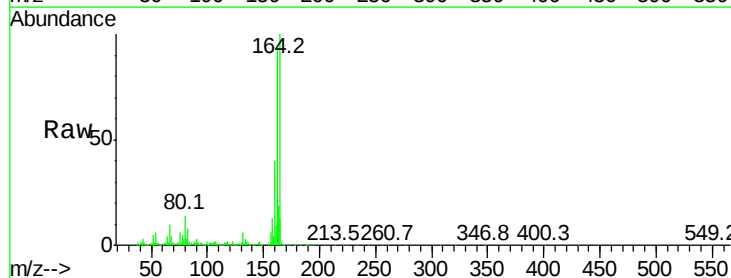
Instrument :
BNA_G
ClientSampleId :

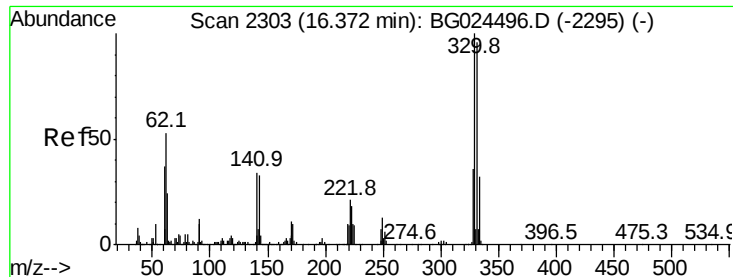
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.4	105.6
115	45.6	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.8	85.1	127.7
160	40.3	34.7	52.1

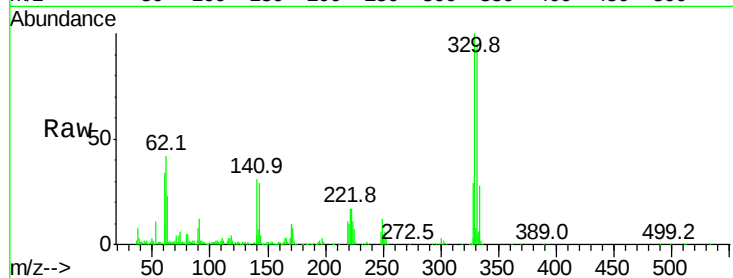




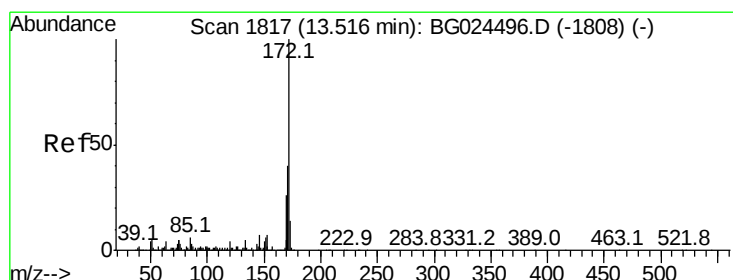
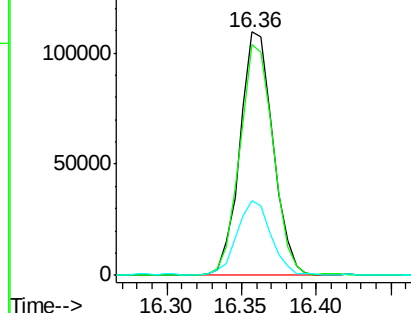
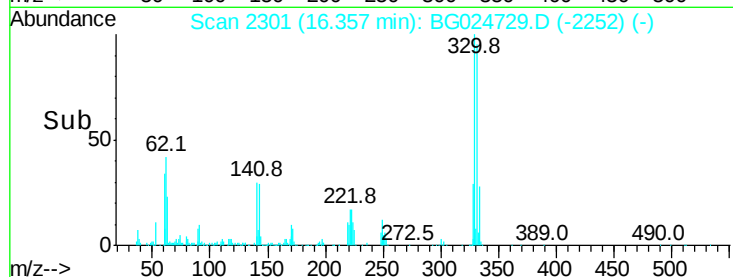
#41
 2,4,6-Tribromophenol
 Concen: 35.63 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG024729.D
 Acq: 7 Nov 2016 15:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.1	32.1	48.1

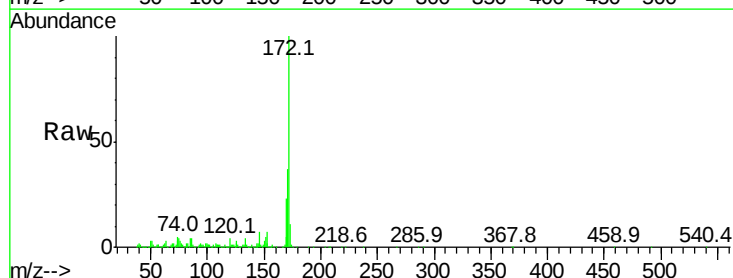


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

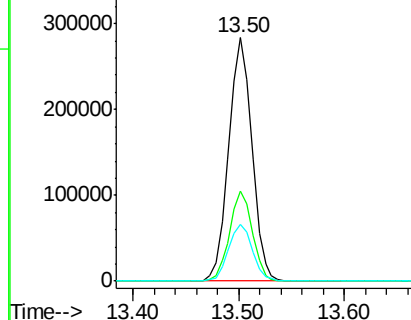
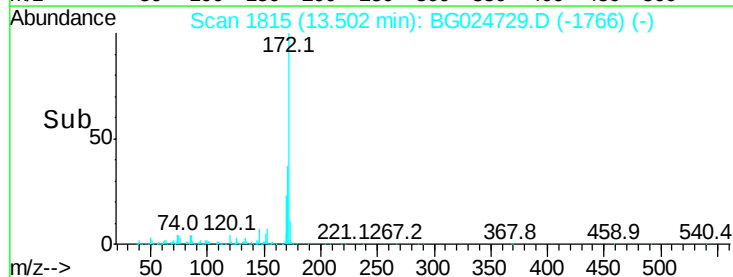


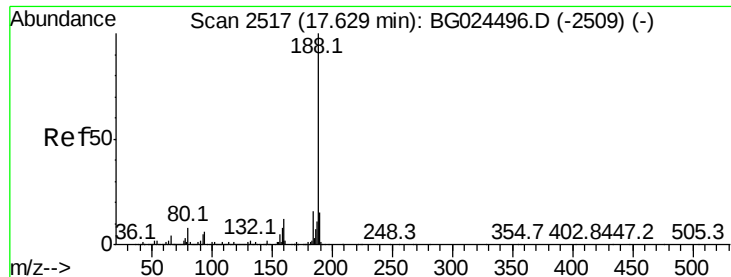
#44
 2-Fluorobiphenyl
 Concen: 22.59 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024729.D
 Acq: 7 Nov 2016 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.4	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

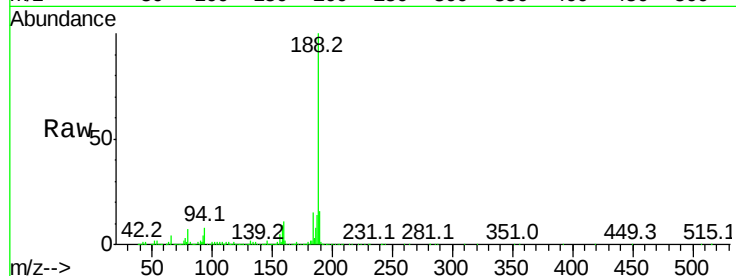




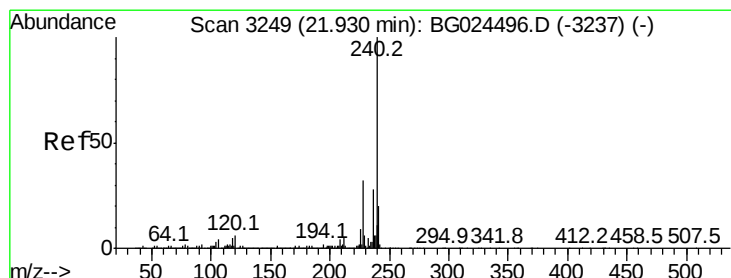
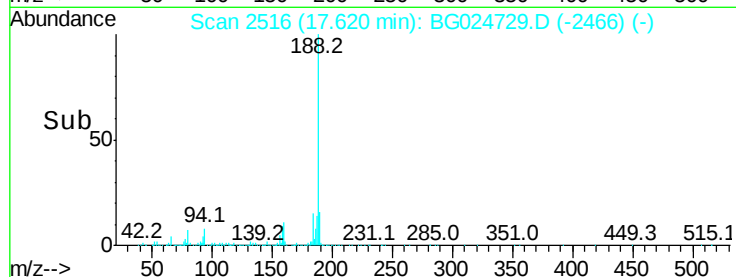
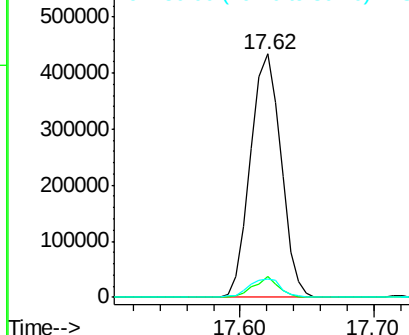
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 686372
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 7.4 7.5 11.3#

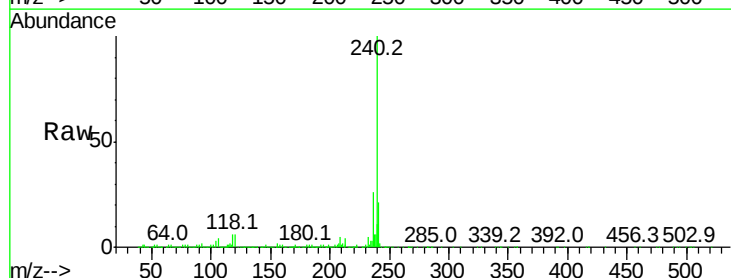


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

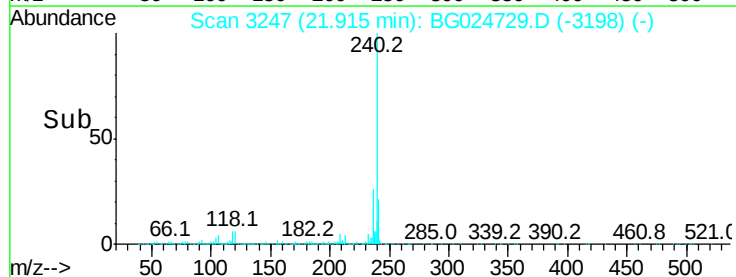
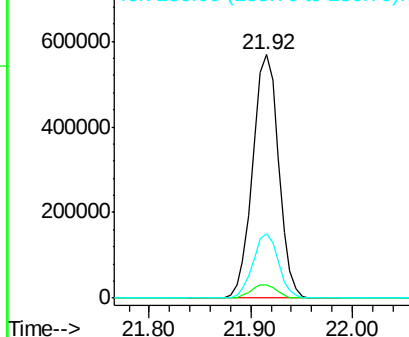


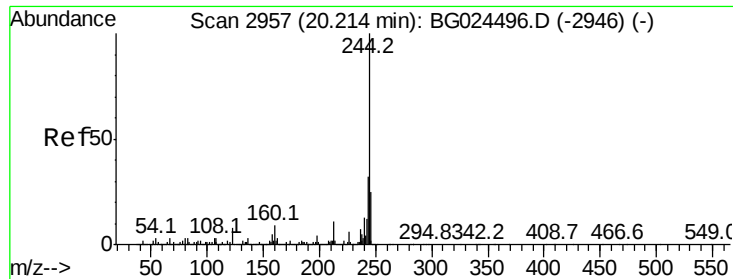
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:240 Resp: 1016146
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.4 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: 25.53 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

Instrument :

BNA_G

ClientSampleId :

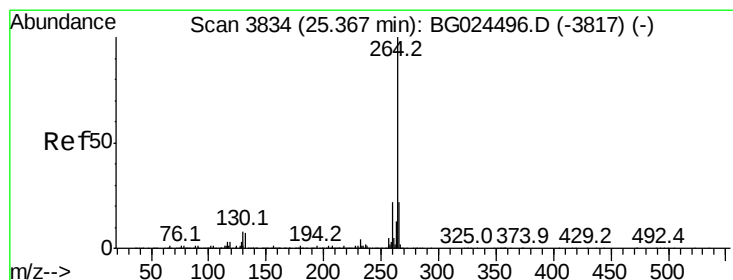
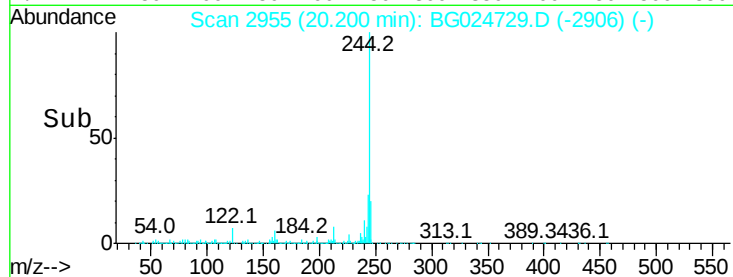
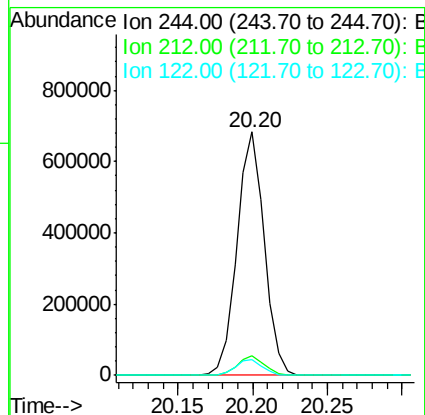
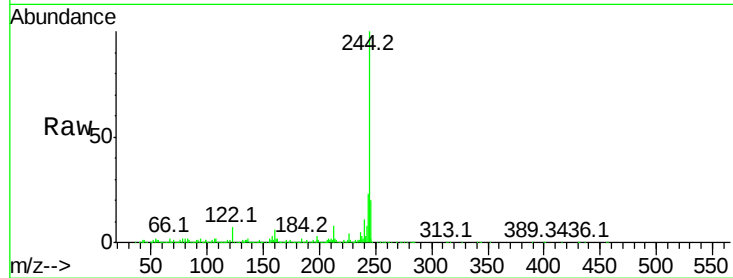
Tot Ion:244 Resp: 868022

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024729.D

Acq: 7 Nov 2016 15:15

Tgt Ion:264 Resp: 1061413

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 20.6 18.2 27.4

