

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024700.D
 Acq On : 5 Nov 2016 6:56
 Operator : UM/SJ
 Sample : H5531-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0019

Quant Time: Nov 06 23:57:27 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

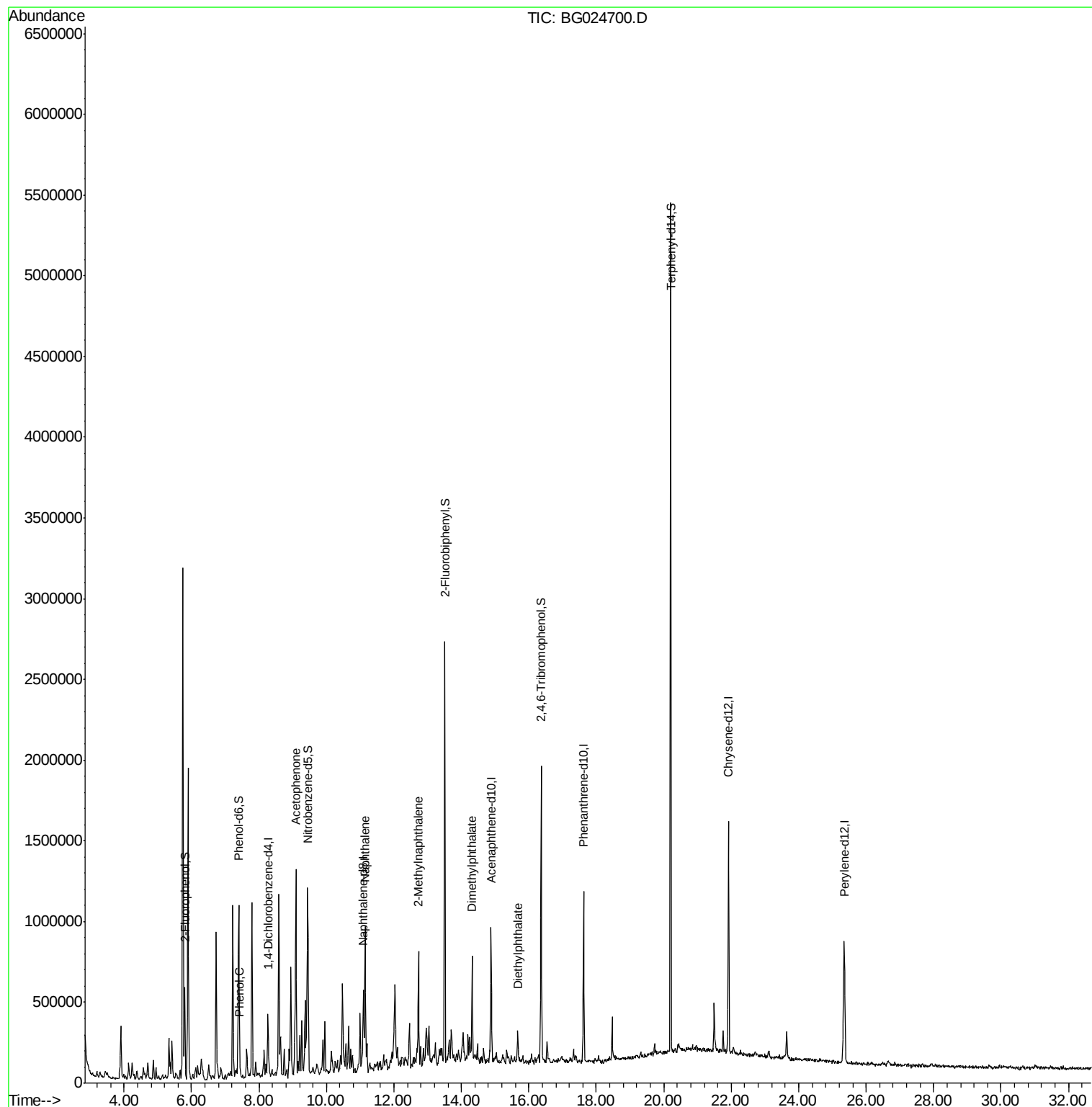
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103476	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	391495	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	308421	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	683976	20.00	ng	0.00
75) Chrysene-d12	21.92	240	972500	20.00	ng	0.00
86) Perylene-d12	25.35	264	938832	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	226421	35.86	ng	0.00
7) Phenol-d6	7.40	99	210797	24.34	ng	0.00
23) Nitrobenzene-d5	9.44	82	615382	71.57	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	386639	83.91	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1291690	69.61	ng	0.00
78) Terphenyl-d14	20.21	244	2320113	71.29	ng	0.00
Target Compounds						
10) Phenol	7.43	94	27749	3.11	ng	Qvalue 85
22) Acetophenone	9.10	105	819985	81.54	ng	# 89
31) Naphthalene	11.15	128	692622	35.47	ng	99
37) 2-Methylnaphthalene	12.73	142	298710	20.96	ng	97
49) Dimethylphthalate	14.32	163	384380	17.56	ng	# 94
59) Diethylphthalate	15.66	149	65663	2.86	ng	95

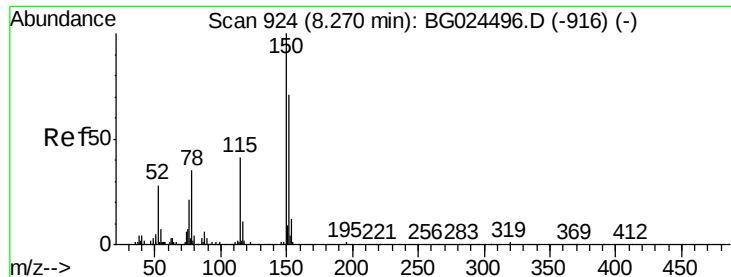
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

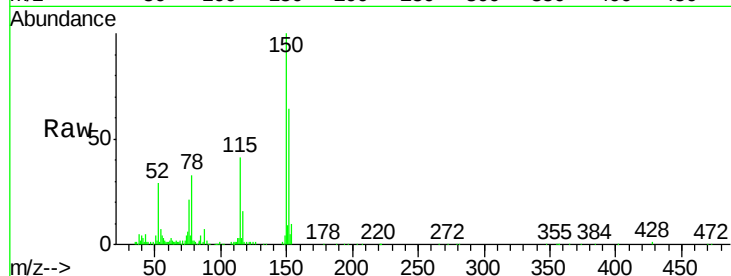
Tot Ion:152 Resp: 103476

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

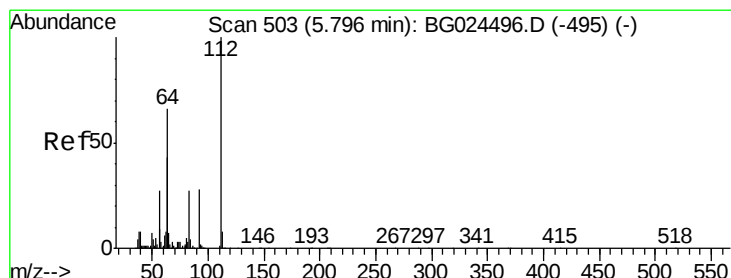
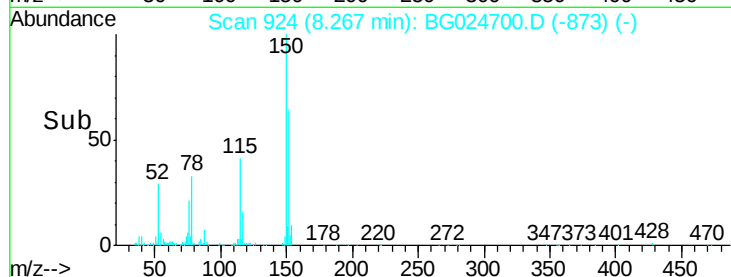
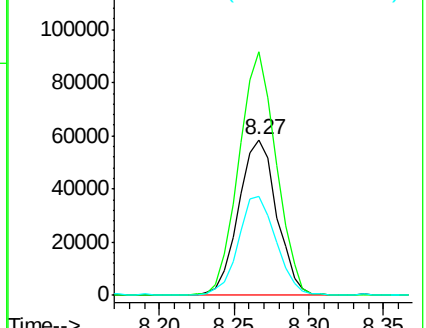
115 63.7 48.1 72.1



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: 35.86 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

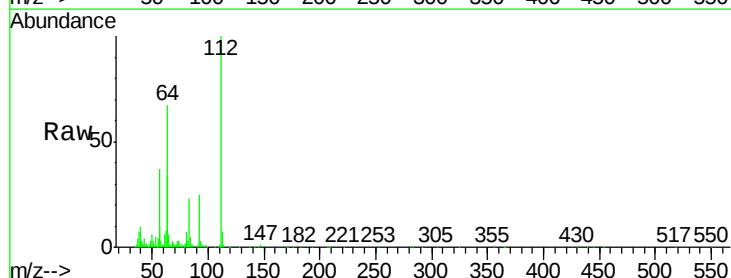
Tgt Ion:112 Resp: 226421

Ion Ratio Lower Upper

112 100

64 67.0 61.8 92.6

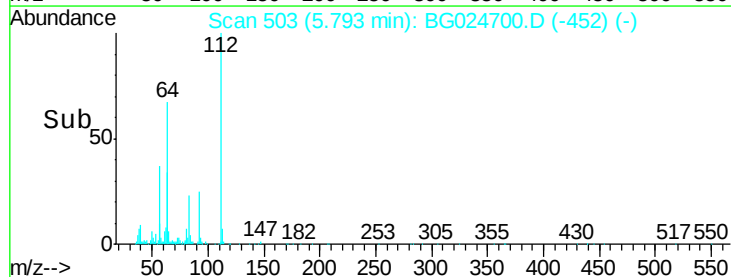
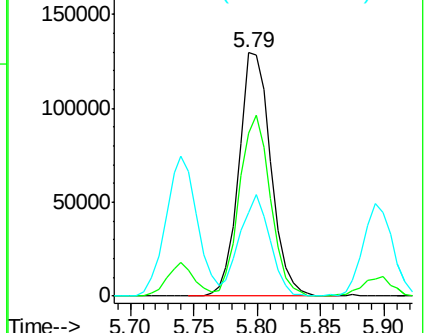
63 34.2 37.2 55.8#



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: 24.34 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

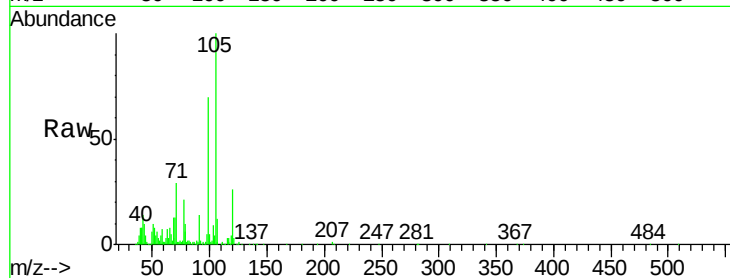
BNA_G

ClientSampleId :

S22-0019

Tot Ion: 99 Resp: 210797

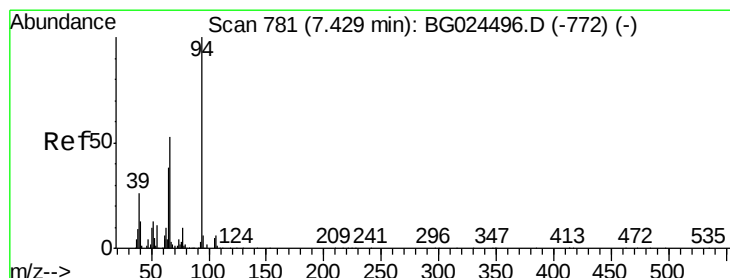
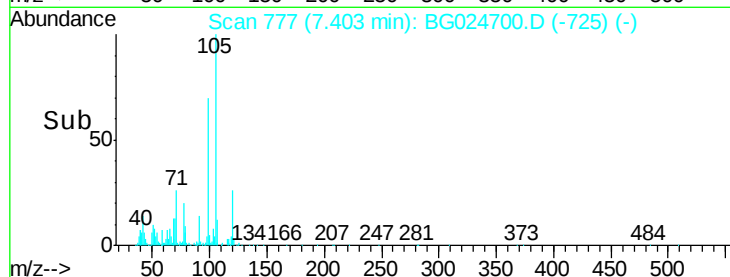
Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.5	30.7
71	41.4	37.6	56.4



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



#10

Phenol

Concen: 3.11 ng

RT: 7.43 min Scan# 782

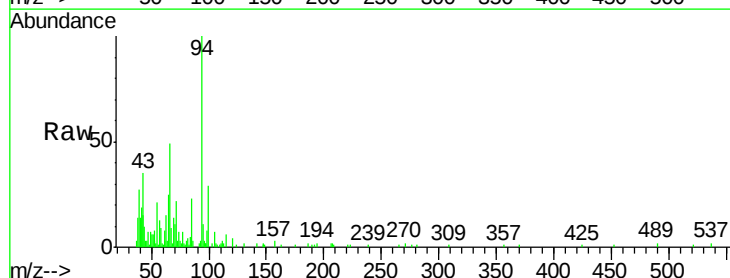
Delta R.T. 0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Tgt Ion: 94 Resp: 27749

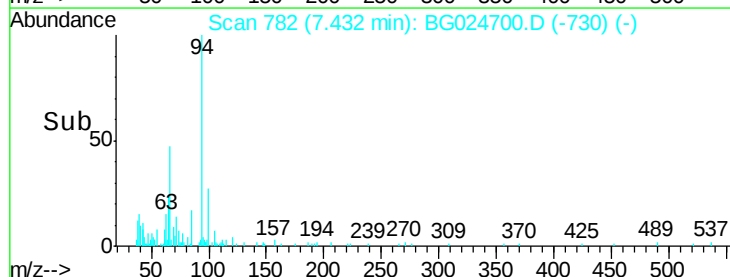
Ion	Ratio	Lower	Upper
94	100		
65	25.4	20.6	60.6
66	49.2	35.5	75.5



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: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

Tot Ion:136 Resp: 391495

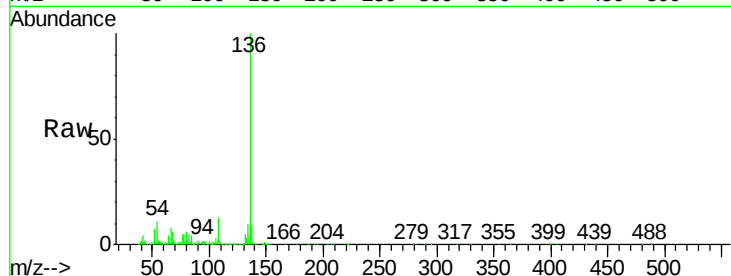
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 10.7 9.3 13.9

68 6.3 5.1 7.7

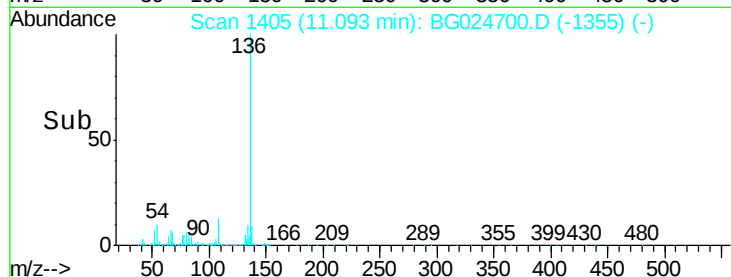


Abundance Ion 136.00 (135.70 to 136.70): E

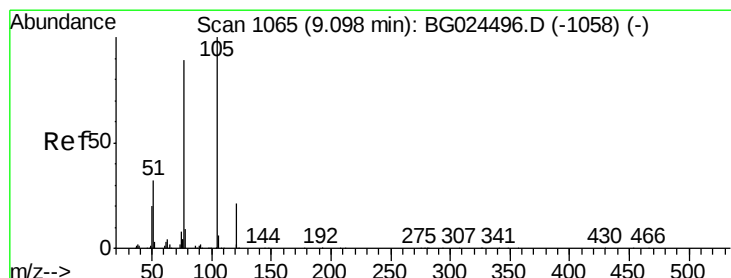
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 81.54 ng

RT: 9.10 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Tgt Ion:105 Resp: 819985

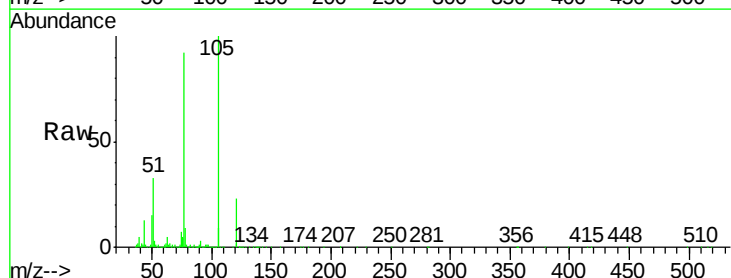
Ion Ratio Lower Upper

105 100

71 0.1 0.9 1.3#

51 32.6 34.0 51.0#

120 22.7 17.3 25.9

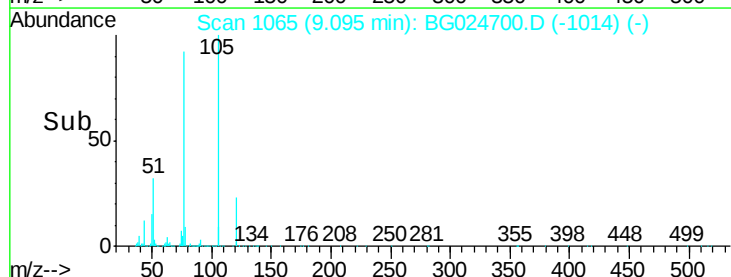


Abundance Ion 105.00 (104.70 to 105.70): E

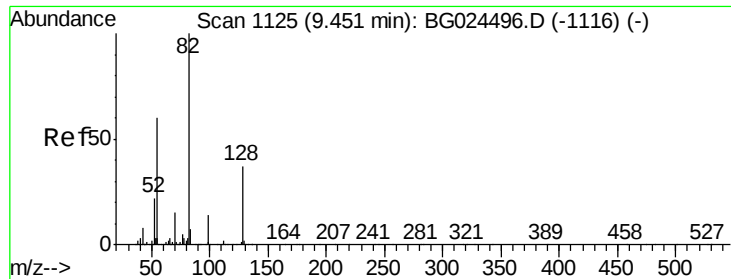
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



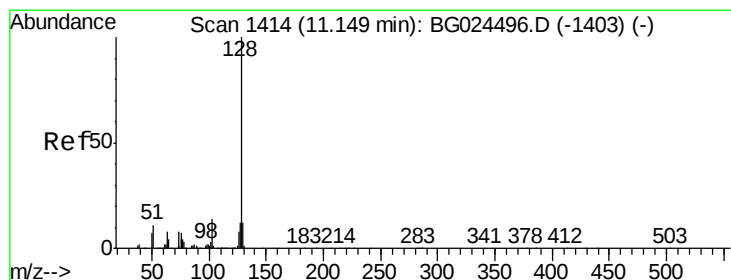
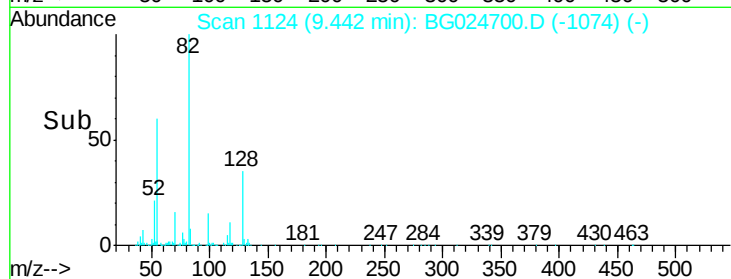
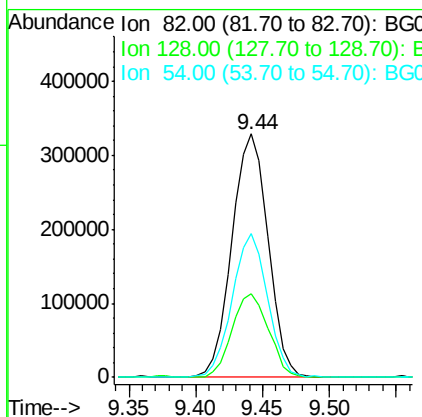
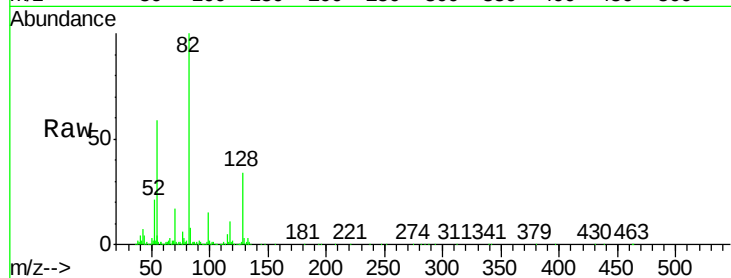
Time-->



#23
 Nitrobenzene-d5
 Concen: 71.57 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

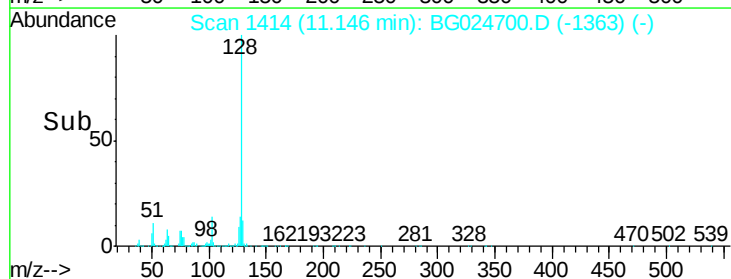
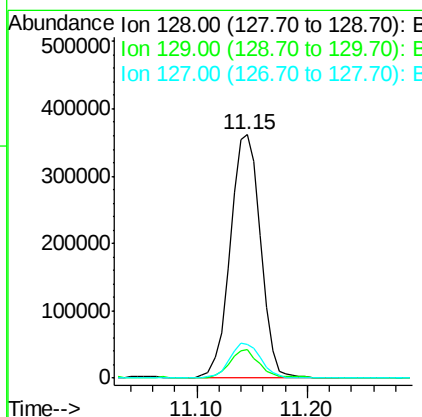
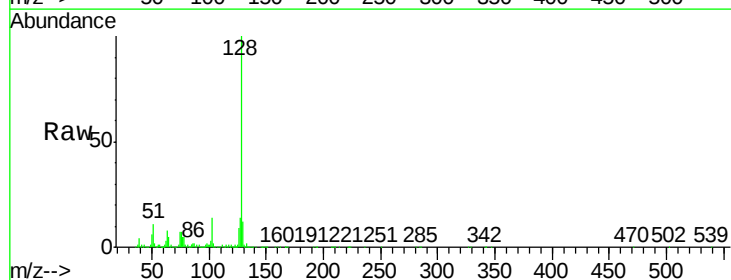
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 BNA_G
 ClientSampleId :
 S22-0019

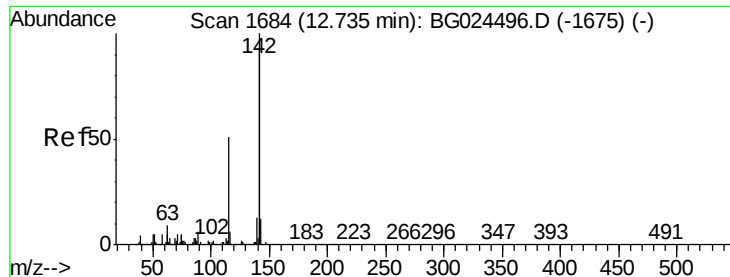
Tot Ion	82	Resp	615382
Ion Ratio	Lower	Upper	
82	100		
128	34.5	26.4	39.6
54	59.2	49.4	74.2



#31
 Naphthalene
 Concen: 35.47 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

Tgt Ion	128	Resp	692622
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.3	13.9
127	13.6	11.4	17.0

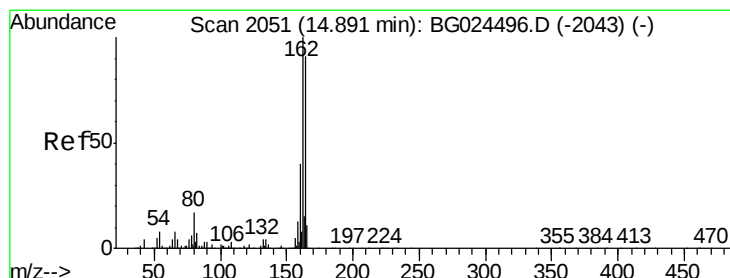
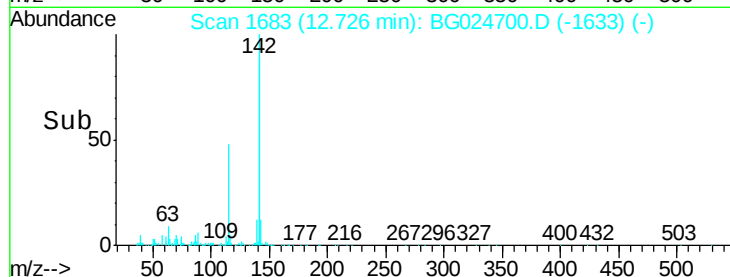
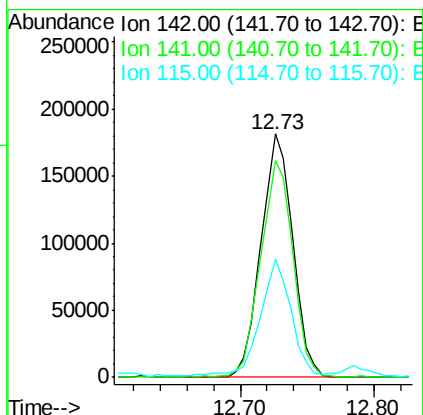
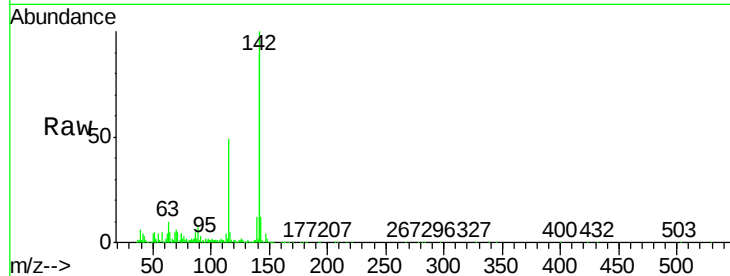




#37
2-Methylnaphthalene
Concen: 20.96 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

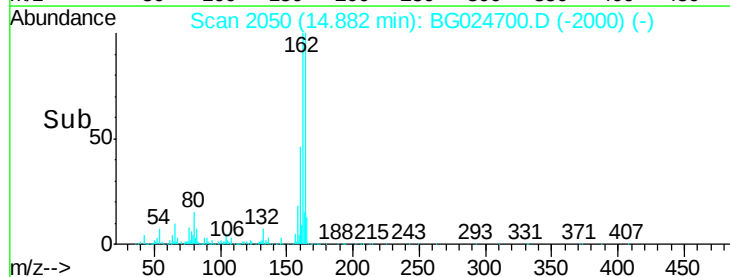
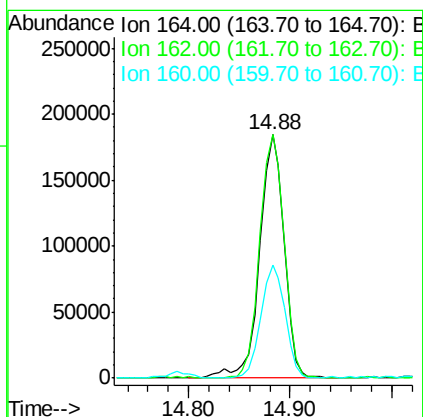
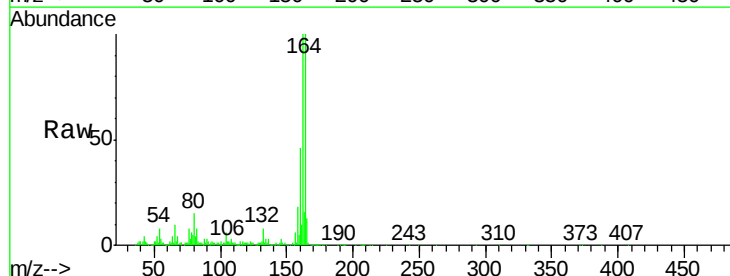
Instrument :
BNA_G
ClientSampleId :
S22-0019

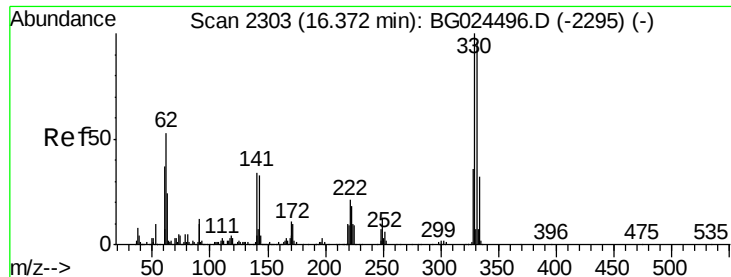
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	48.7	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	85.1	127.7
160	46.2	34.7	52.1

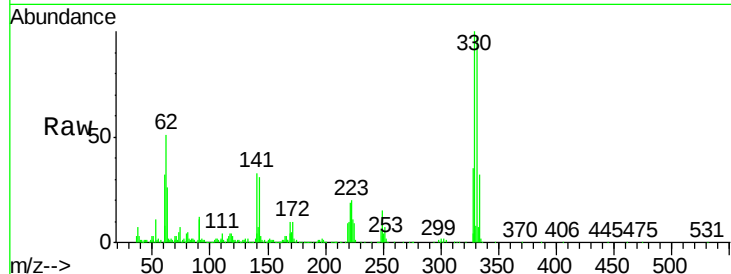




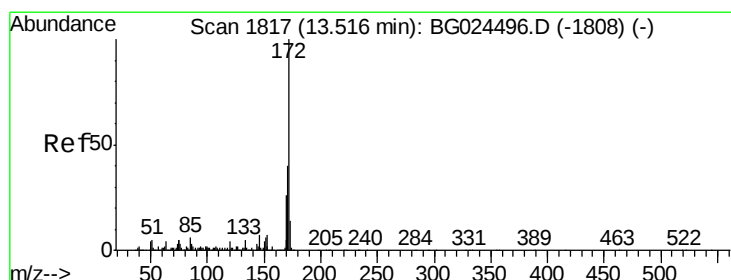
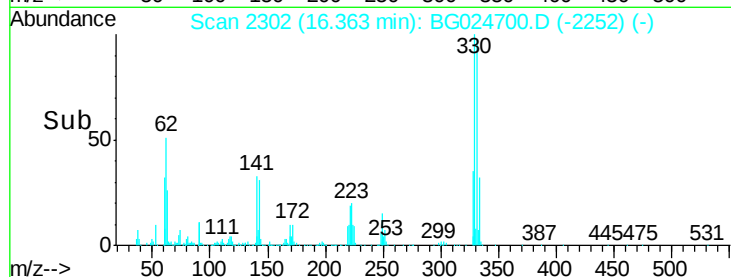
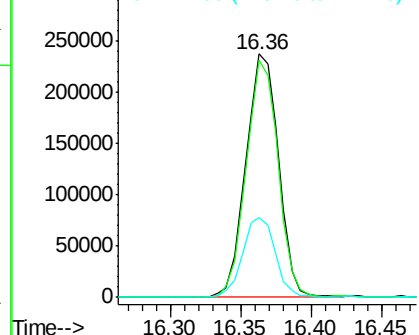
#41
 2,4,6-Tribromophenol
 Concen: 83.91 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

Instrument :
 BNA_G
 ClientSampleId :
 S22-0019

Tot Ion:330 Resp: 386639
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 32.2 32.1 48.1

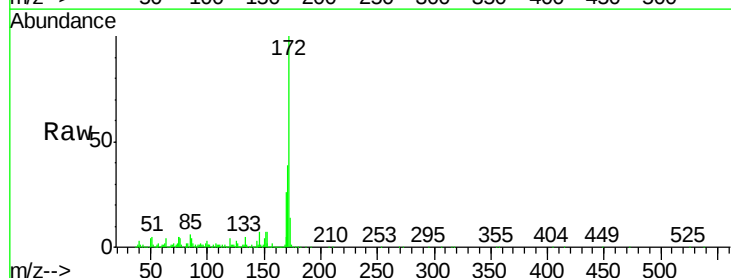


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

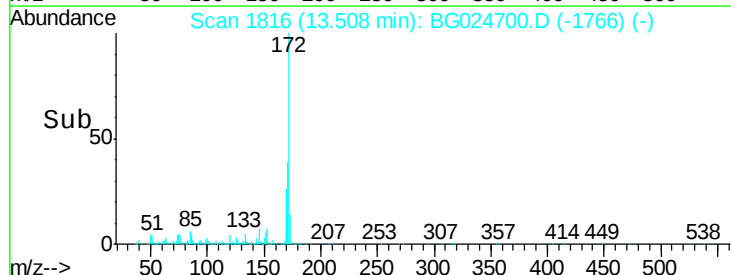
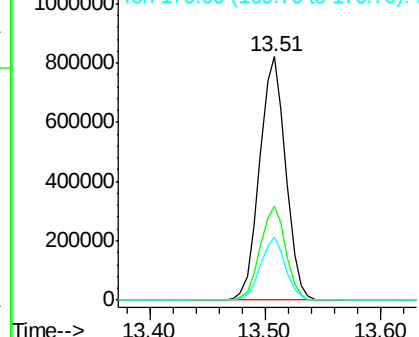


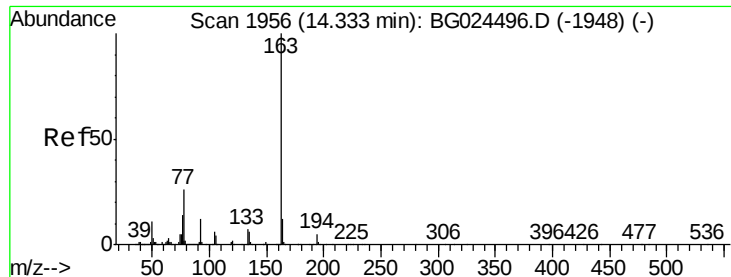
#44
 2-Fluorobiphenyl
 Concen: 69.61 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

Tgt Ion:172 Resp: 1291690
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 26.2 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





#49

Dimethylphthalate

Concen: 17.56 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

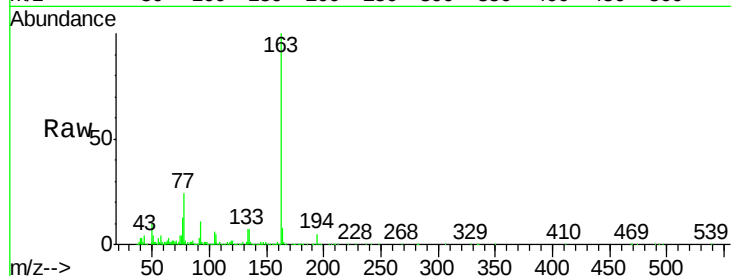
Tot Ion:163 Resp: 384380

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.6

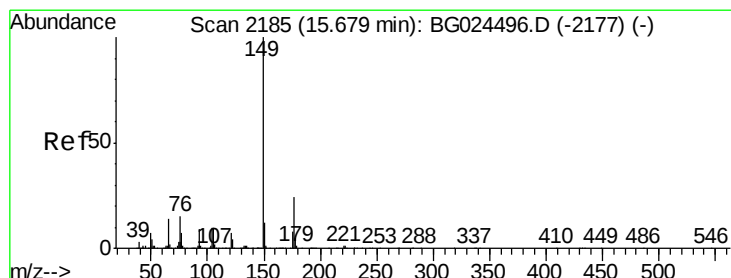
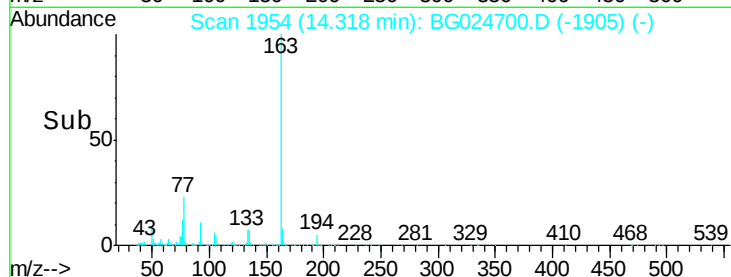
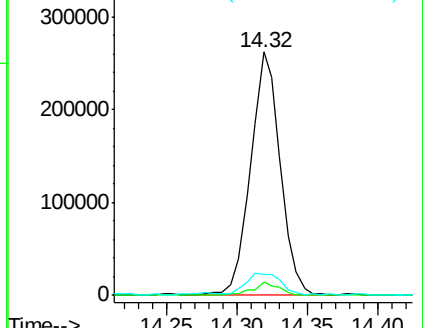
164 8.4 9.3 13.9#



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



#59

Diethylphthalate

Concen: 2.86 ng

RT: 15.66 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

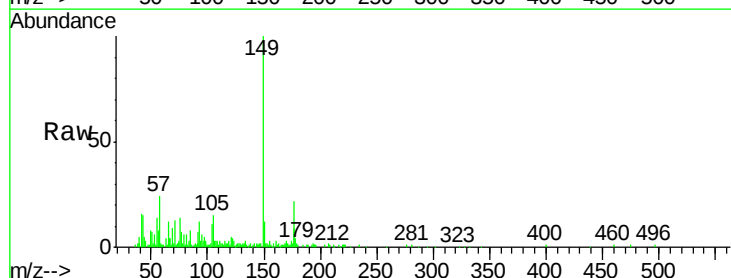
Tgt Ion:149 Resp: 65663

Ion Ratio Lower Upper

149 100

177 21.8 20.1 30.1

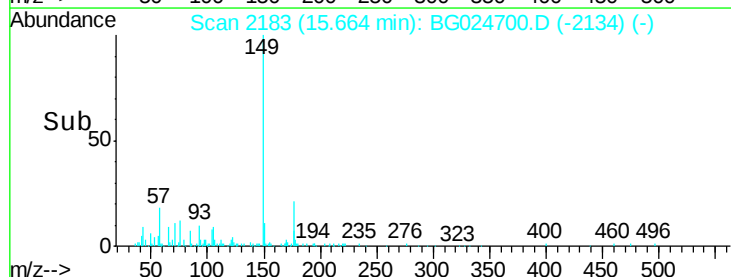
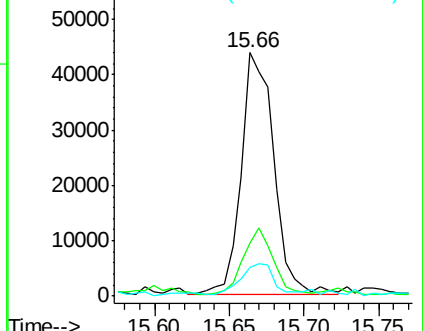
150 11.9 10.2 15.2

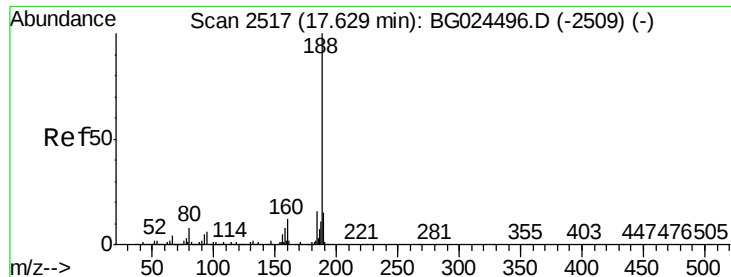


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

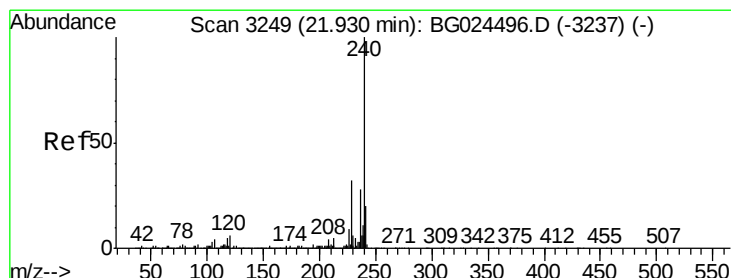
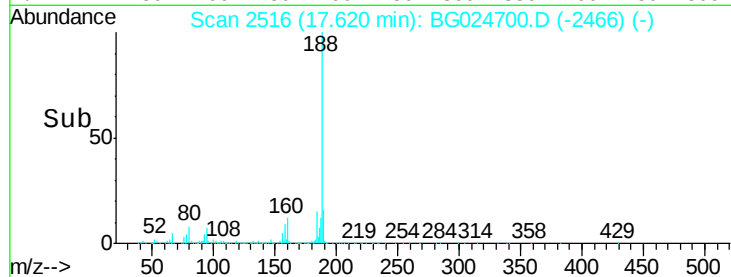
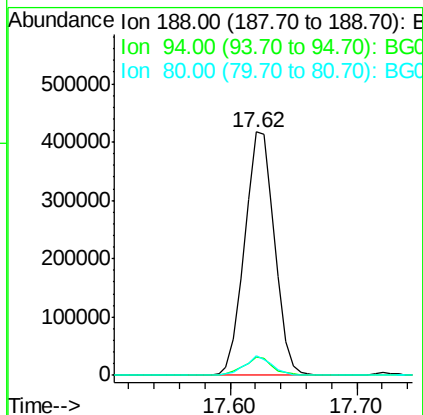
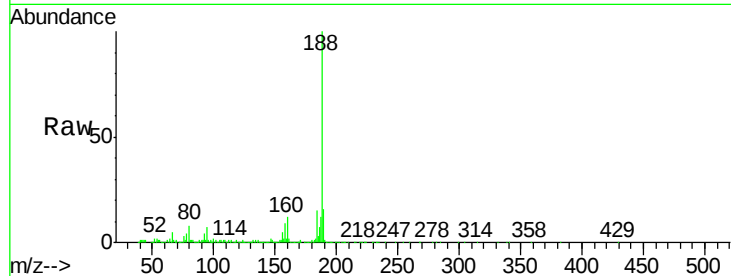




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

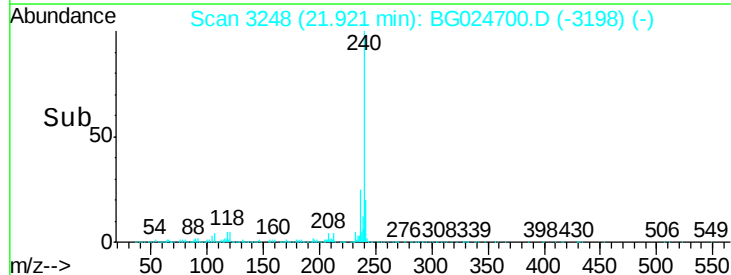
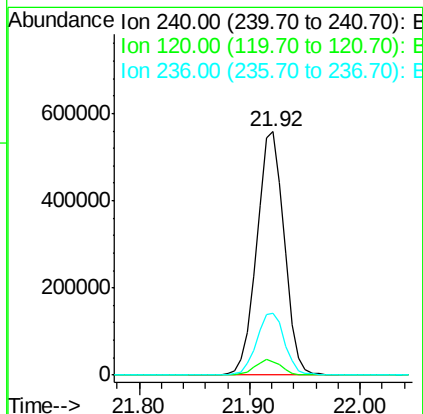
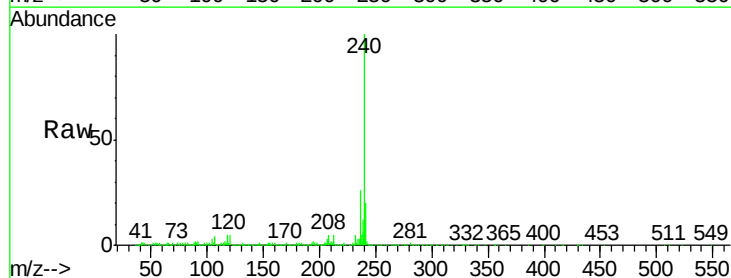
Instrument :
BNA_G
ClientSampled :
S22-0019

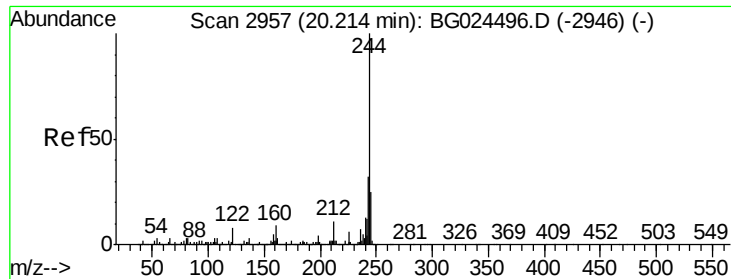
Tot Ion:188 Resp: 683976
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

Tgt Ion:240 Resp: 972500
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 71.29 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

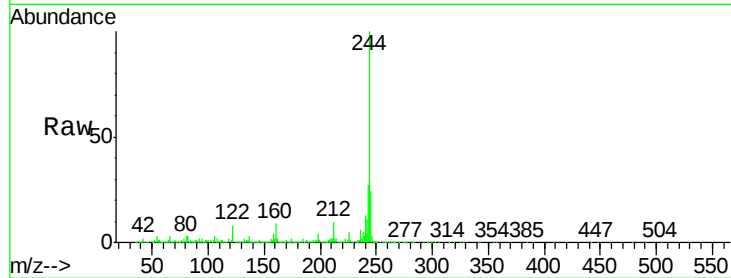
Tot Ion:244 Resp: 2320113

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

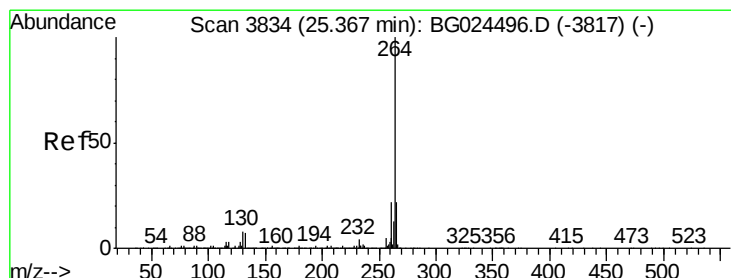
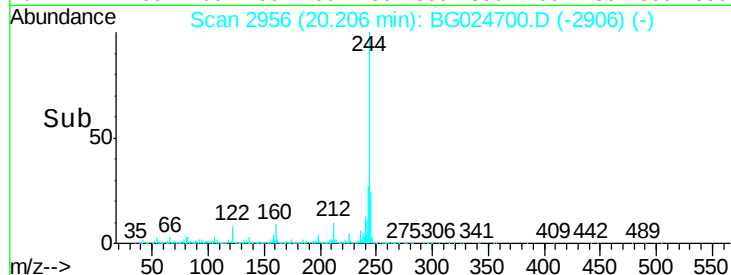
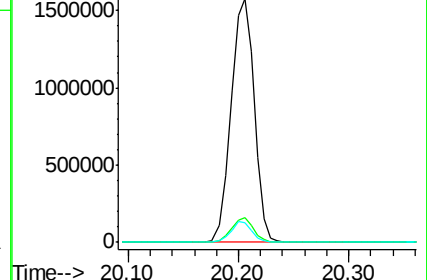
122 7.9 8.6 12.8#



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: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

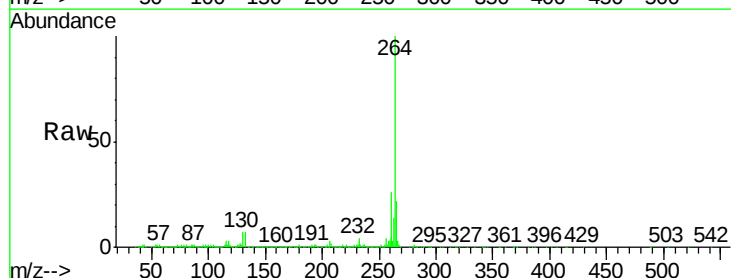
Tgt Ion:264 Resp: 938832

Ion Ratio Lower Upper

264 100

260 25.9 21.8 32.8

265 22.0 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

