

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024666.D
 Acq On : 4 Nov 2016 3:32
 Operator : UM/SJ
 Sample : H5509-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-95-19.5-20.0

Quant Time: Nov 04 05:44:32 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

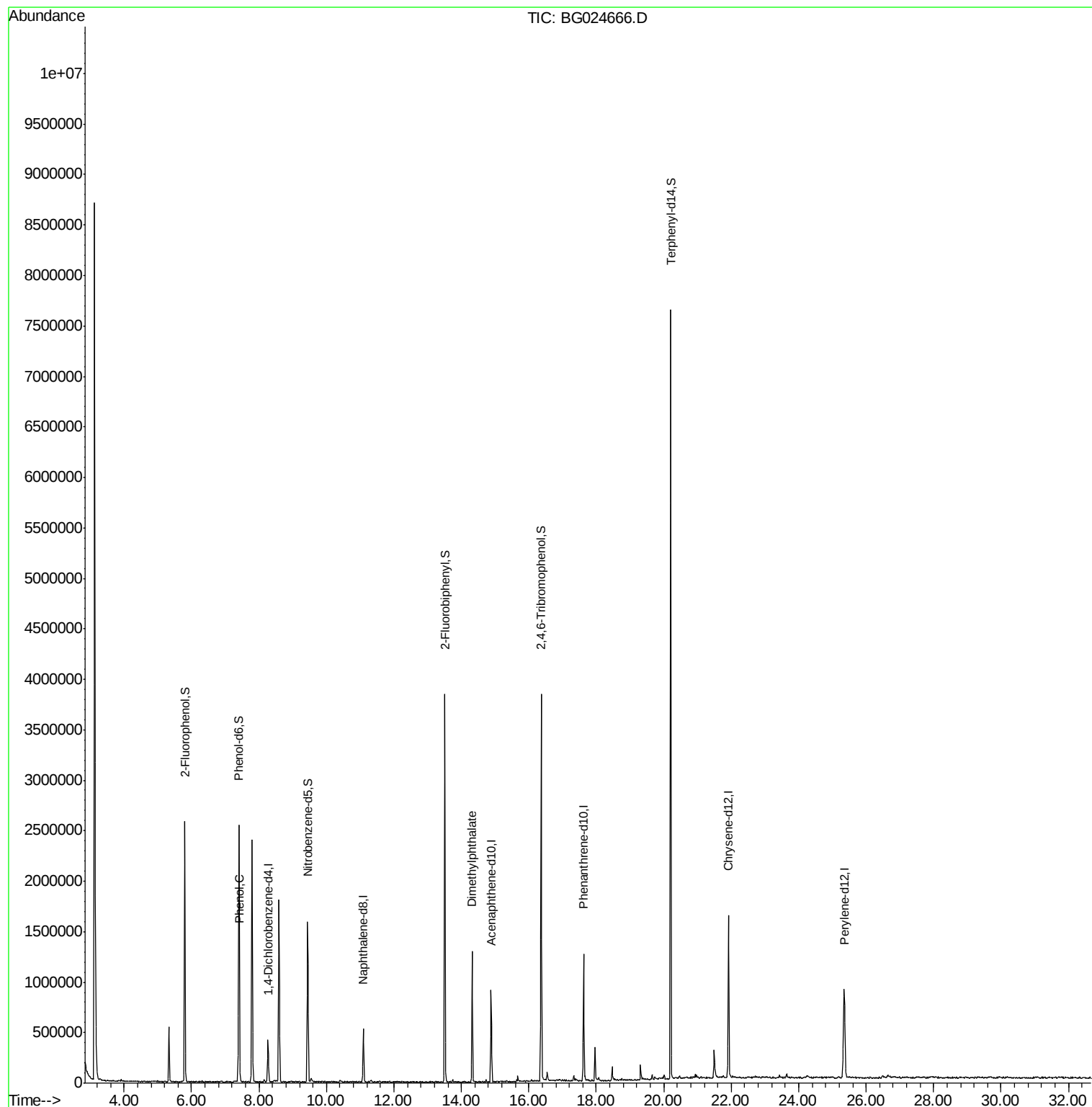
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	111950	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	435713	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	331858	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	774637	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1053887	20.00	ng	0.00
86) Perylene-d12	25.35	264	1097966	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	986371	144.41	ng	0.00
7) Phenol-d6	7.40	99	1389302	148.28	ng	0.00
23) Nitrobenzene-d5	9.44	82	994978	103.97	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	785449	158.43	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1893820	94.85	ng	0.00
78) Terphenyl-d14	20.20	244	3103902	88.01	ng	0.00
Target Compounds						
10) Phenol	7.43	94	24998	2.59	ng	Qvalue # 65
49) Dimethylphthalate	14.32	163	818560	34.74	ng	96

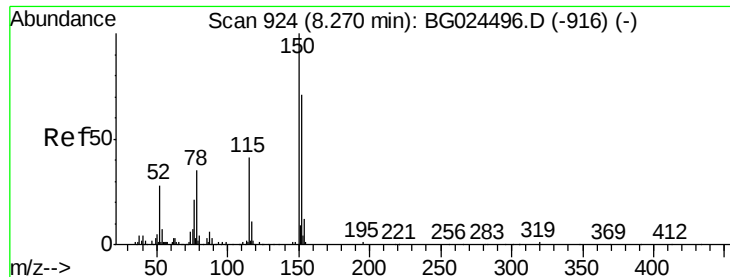
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SB-95-19.5-20.0

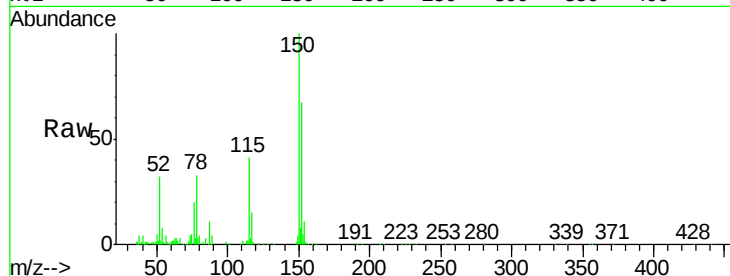
Tgt Ion:152 Resp: 111950

Ion Ratio Lower Upper

152 100

150 149.5 114.0 171.0

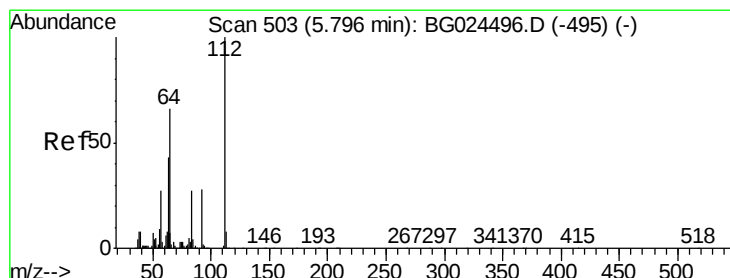
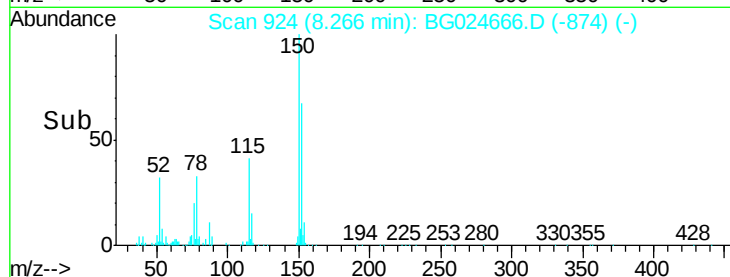
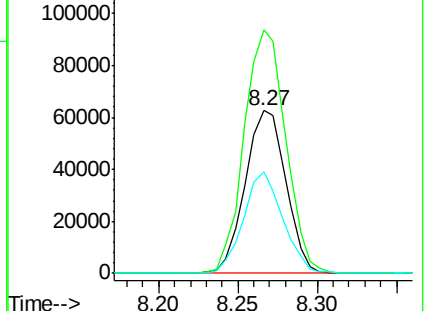
115 62.0 48.1 72.1



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: 144.41 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

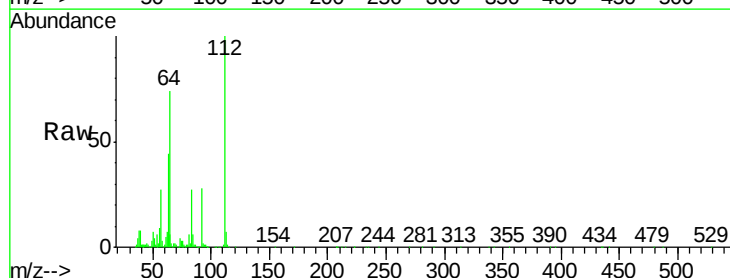
Tgt Ion:112 Resp: 986371

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

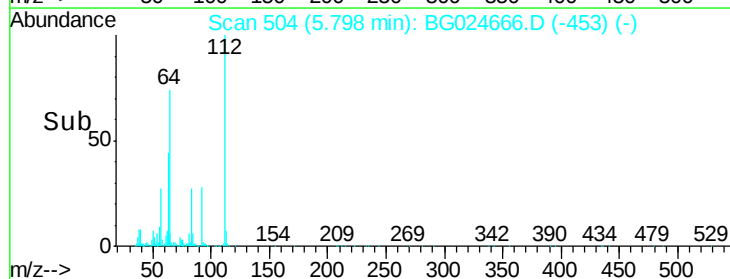
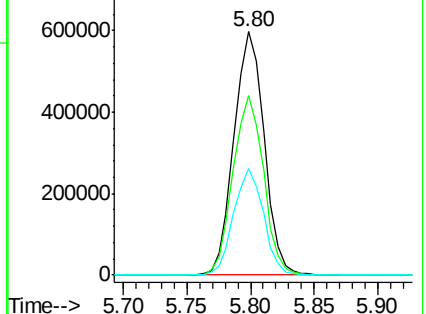
63 43.9 37.2 55.8

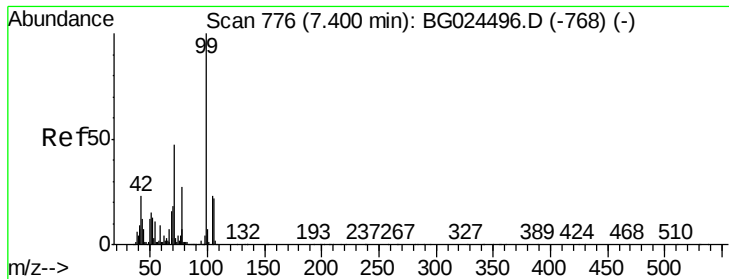


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.28 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SB-95-19.5-20.0

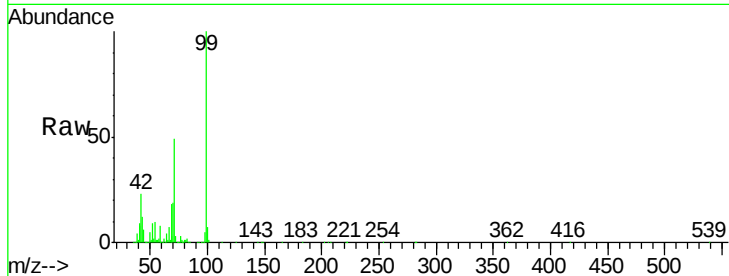
Tgt Ion: 99 Resp: 1389302

Ion Ratio Lower Upper

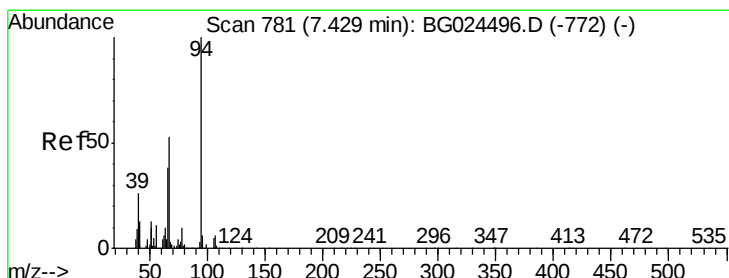
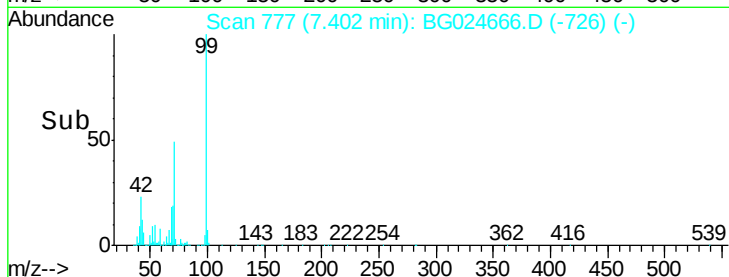
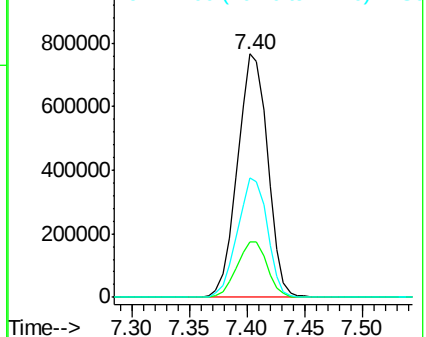
99 100

42 22.9 20.5 30.7

71 48.9 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: 2.59 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

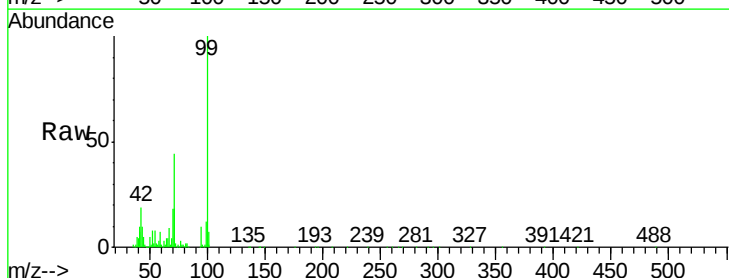
Tgt Ion: 94 Resp: 24998

Ion Ratio Lower Upper

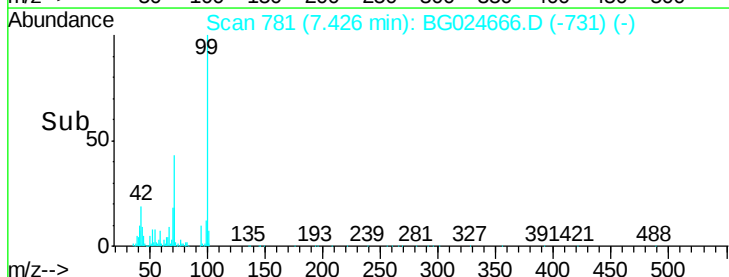
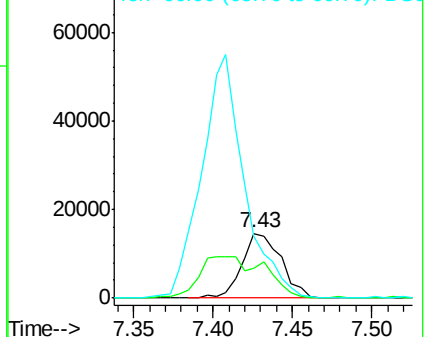
94 100

65 45.4 20.6 60.6

66 95.3 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

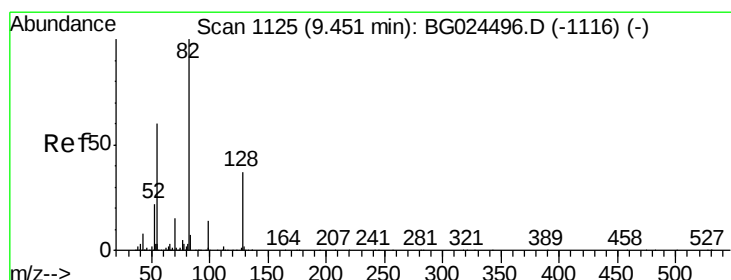
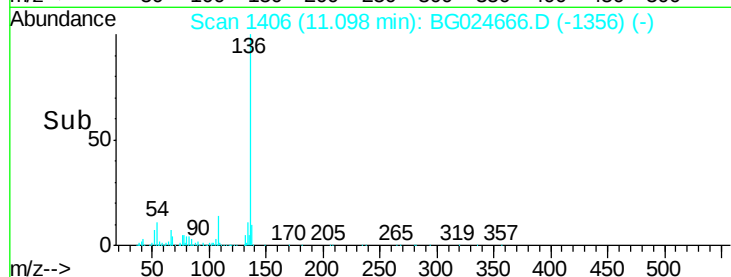
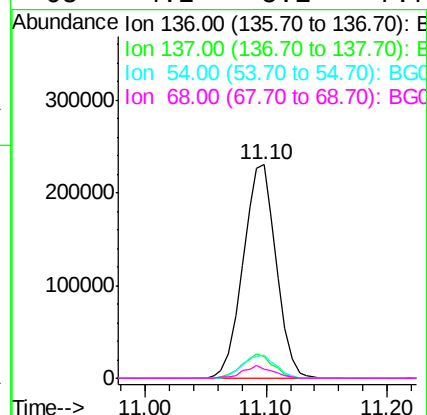
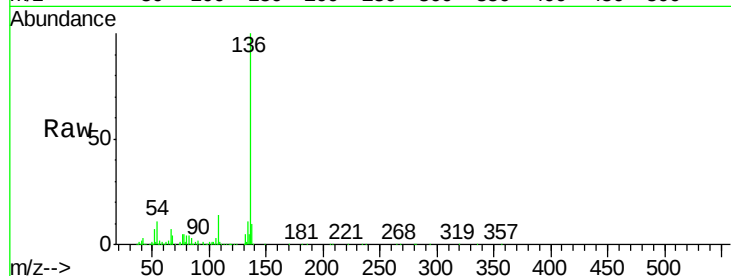




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024666.D
Acq: 4 Nov 2016 3:32

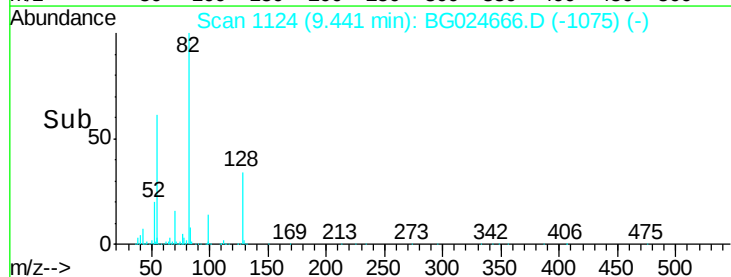
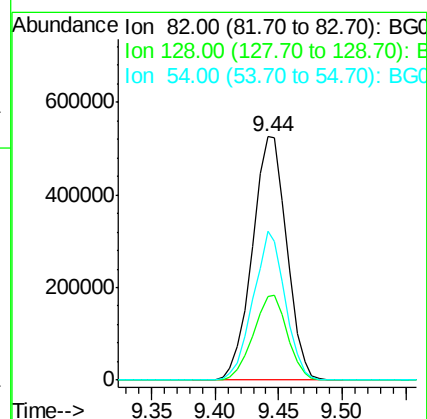
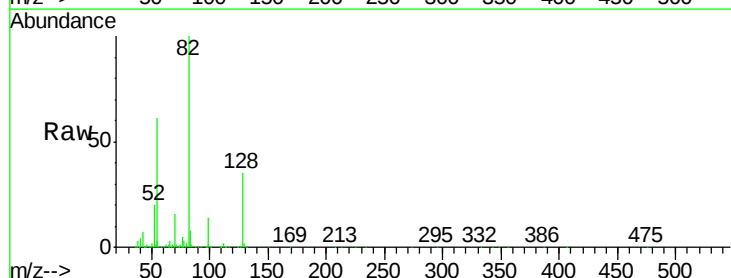
Instrument :
BNA_G
ClientSampleId :
SB-95-19.5-20.0

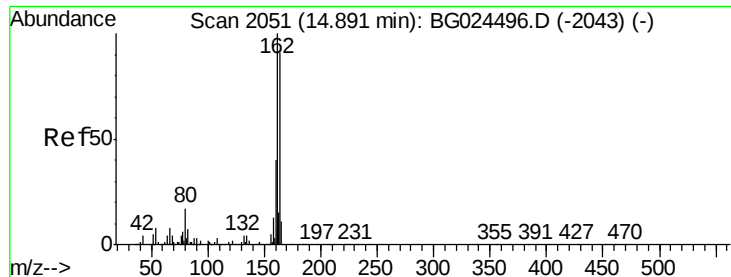
Tgt Ion:	136	Resp:	435713
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.8	9.3	13.9
68	4.2	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 103.97 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024666.D
Acq: 4 Nov 2016 3:32

Tgt Ion:	82	Resp:	994978
Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	61.0	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SB-95-19.5-20.0

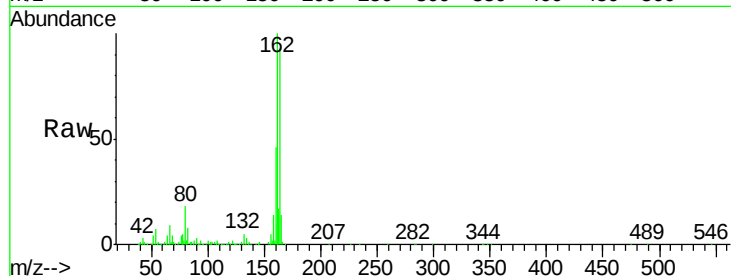
Tgt Ion:164 Resp: 331858

Ion Ratio Lower Upper

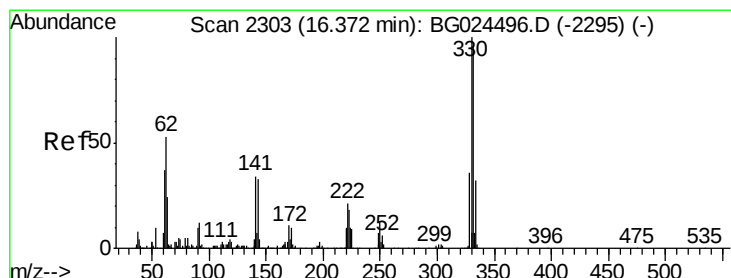
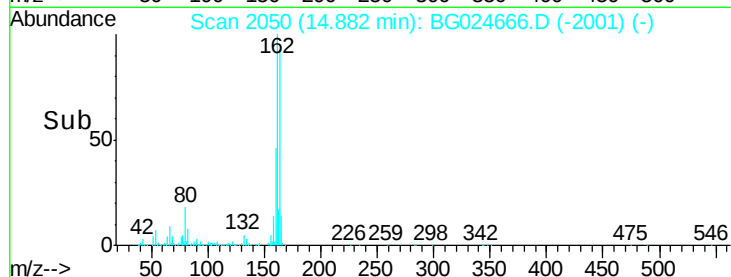
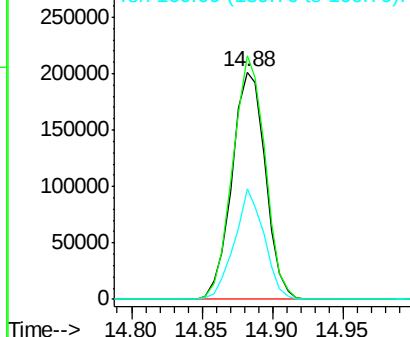
164 100

162 107.2 85.1 127.7

160 48.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.43 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

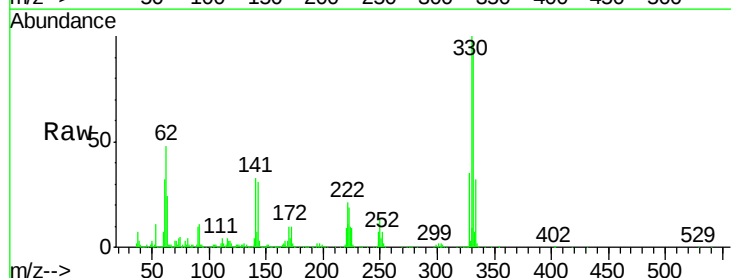
Tgt Ion:330 Resp: 785449

Ion Ratio Lower Upper

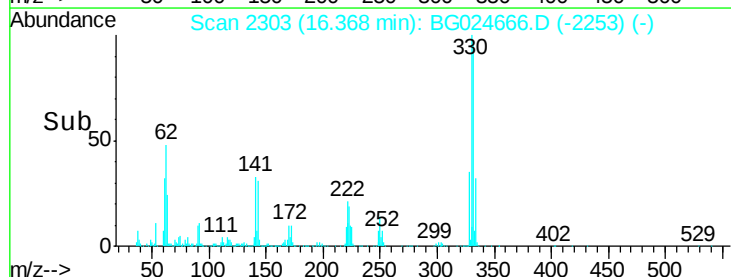
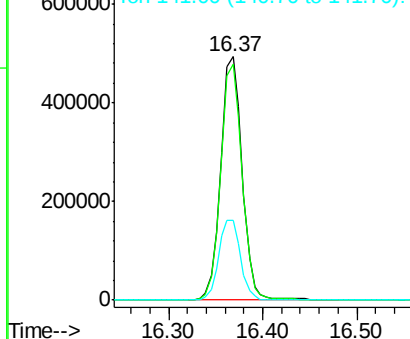
330 100

332 96.6 77.3 115.9

141 33.6 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

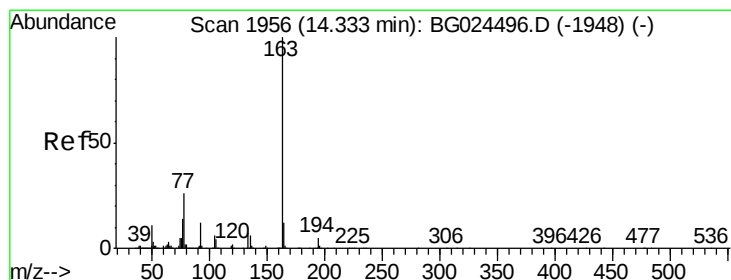
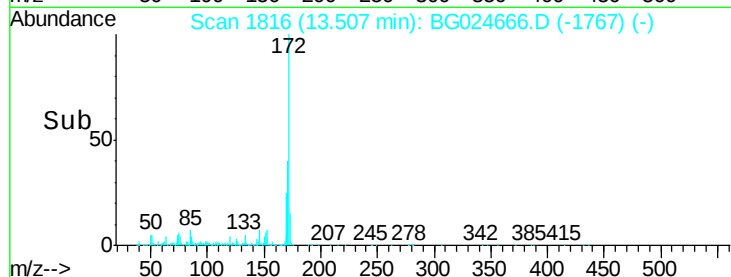
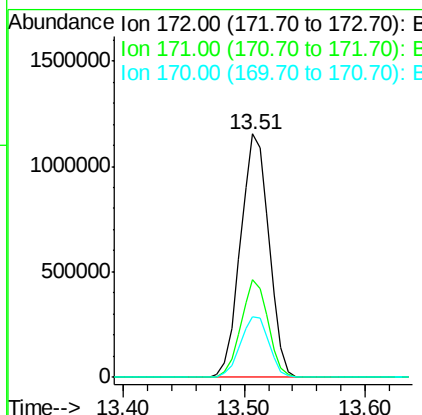
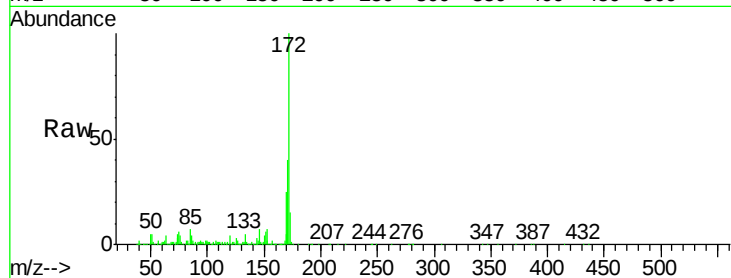




#44
2-Fluorobiphenyl
Concen: 94.85 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024666.D
Acq: 4 Nov 2016 3:32

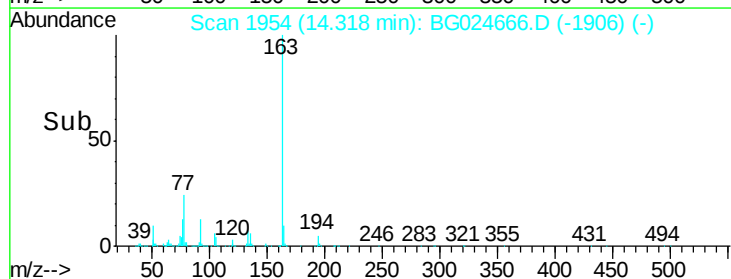
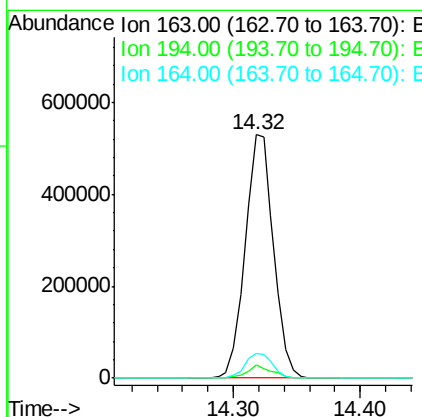
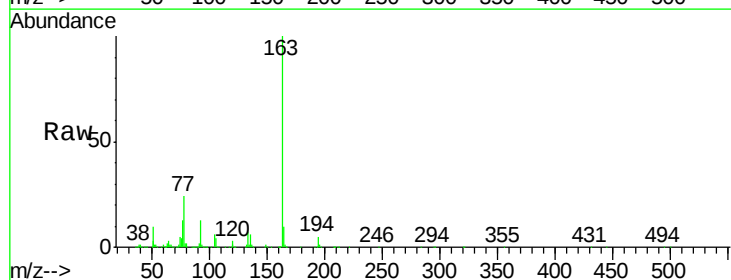
Instrument :
BNA_G
ClientSampleId :
SB-95-19.5-20.0

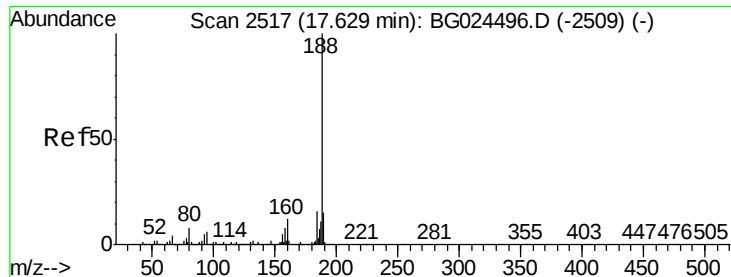
Tgt Ion:172 Resp: 1893820
Ion Ratio Lower Upper
172 100
171 40.0 32.2 48.2
170 24.9 21.8 32.6



#49
Dimethylphthalate
Concen: 34.74 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024666.D
Acq: 4 Nov 2016 3:32

Tgt Ion:163 Resp: 818560
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 10.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SB-95-19.5-20.0

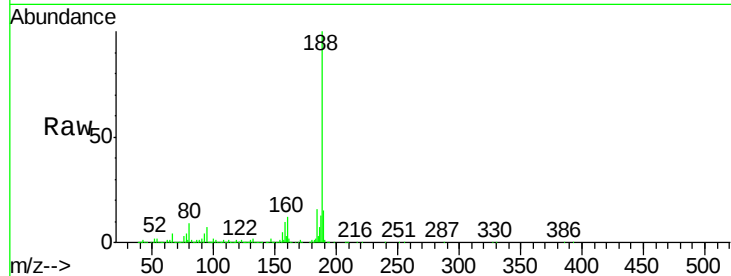
Tgt Ion:188 Resp: 774637

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

80 8.6 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

600000

400000

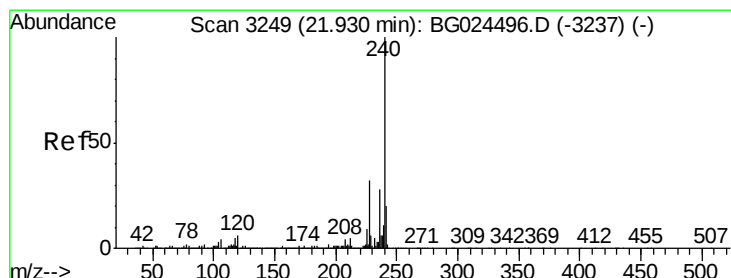
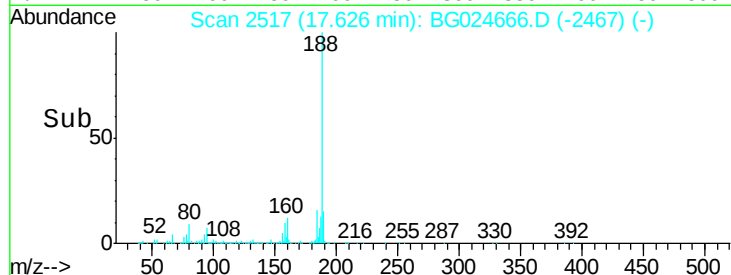
200000

0

17.63

17.60 17.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

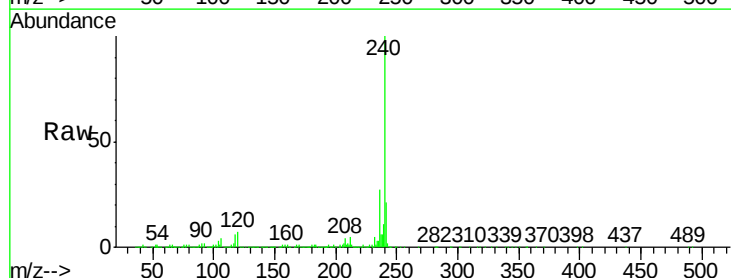
Tgt Ion:240 Resp: 1053887

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

236 27.0 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

800000

600000

400000

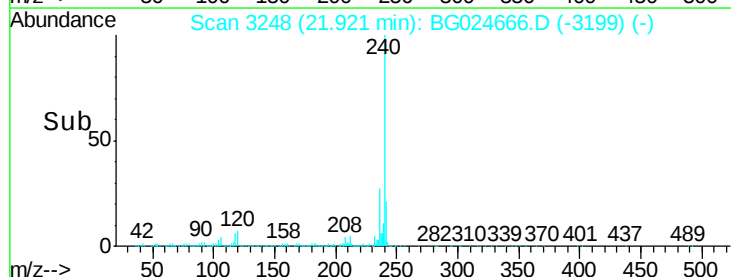
200000

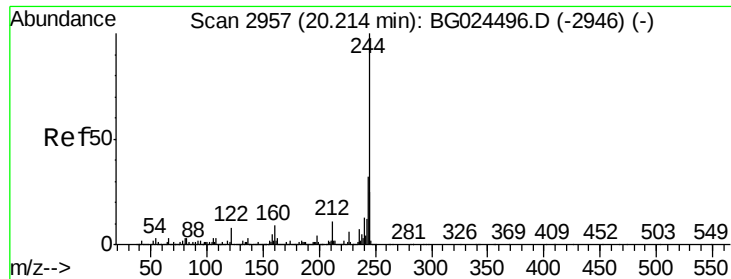
0

21.92

21.80 22.00

Time-->





#78

Terphenyl-d14

Concen: 88.01 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

Instrument :

BNA_G

ClientSampleId :

SB-95-19.5-20.0

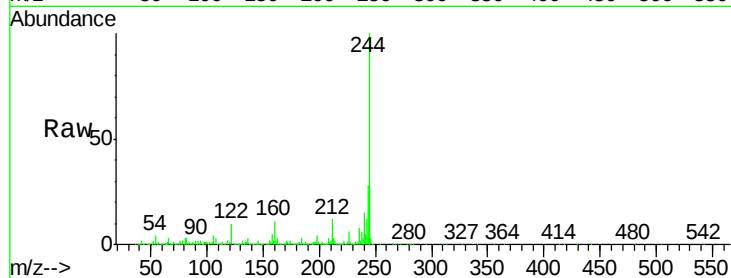
Tgt Ion:244 Resp: 3103902

Ion Ratio Lower Upper

244 100

212 11.9 10.0 15.0

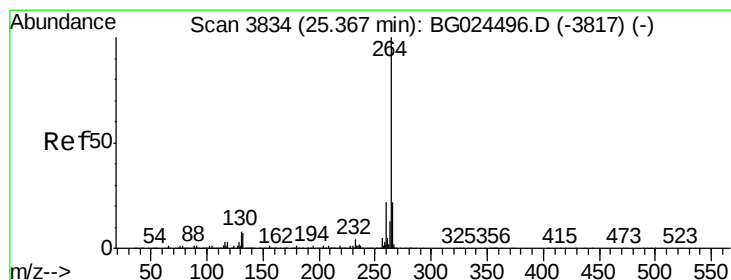
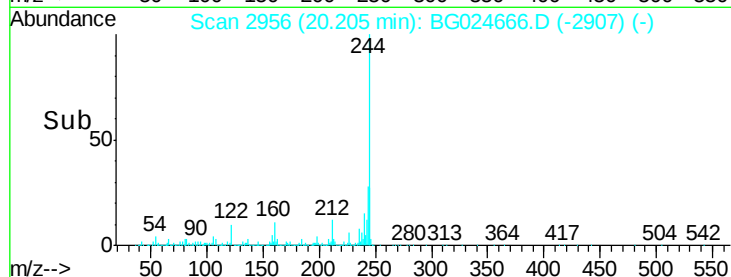
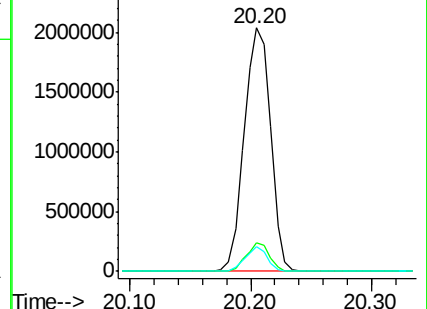
122 10.3 8.6 12.8



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# 3831

Delta R.T. -0.02 min

Lab File: BG024666.D

Acq: 4 Nov 2016 3:32

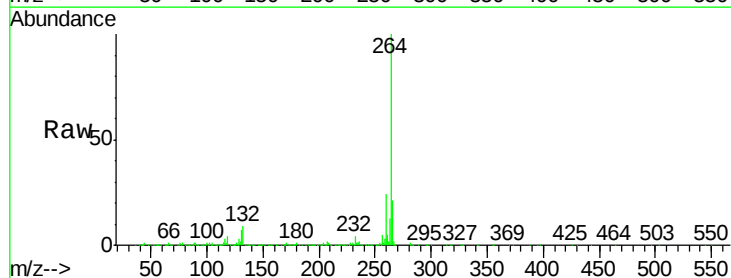
Tgt Ion:264 Resp: 1097966

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.2 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

