

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024579.D
 Acq On : 1 Nov 2016 6:21
 Operator : UM/SJ
 Sample : H5445-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-3-4

Quant Time: Nov 01 12:04:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

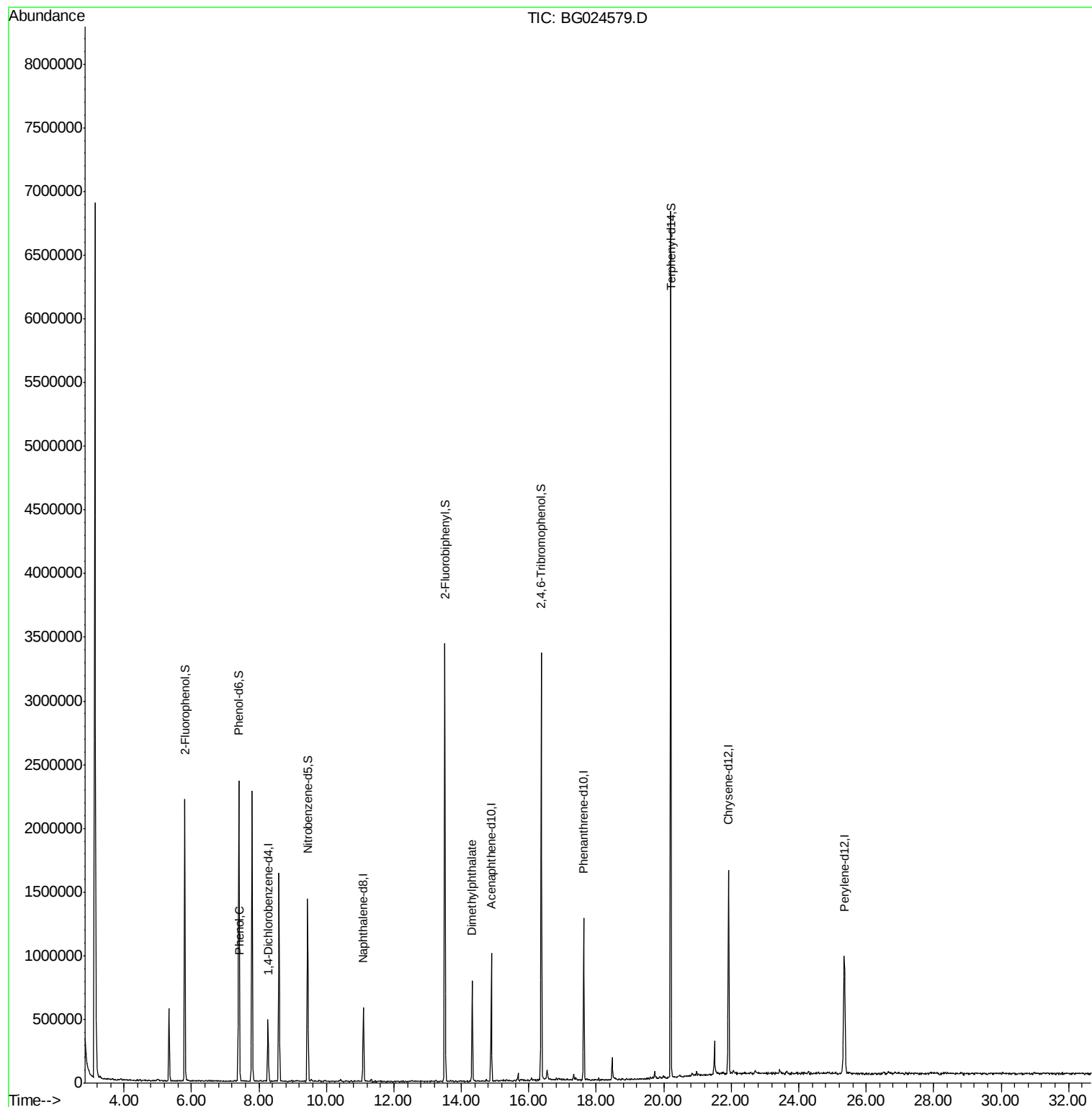
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125182	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	482282	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	361744	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	809235	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1100714	20.00	ng	0.00
86) Perylene-d12	25.35	264	1150245	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	886291	116.04	ng	0.00
7) Phenol-d6	7.41	99	1266709	120.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	899485	84.92	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	678024	125.46	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1774923	81.55	ng	0.00
78) Terphenyl-d14	20.21	244	2880705	78.20	ng	0.00
Target Compounds						
10) Phenol	7.43	94	38105	3.53	ng	Qvalue 92
49) Dimethylphthalate	14.32	163	476952	18.57	ng	# 96

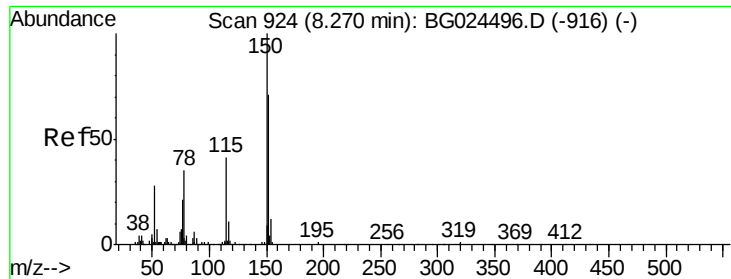
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

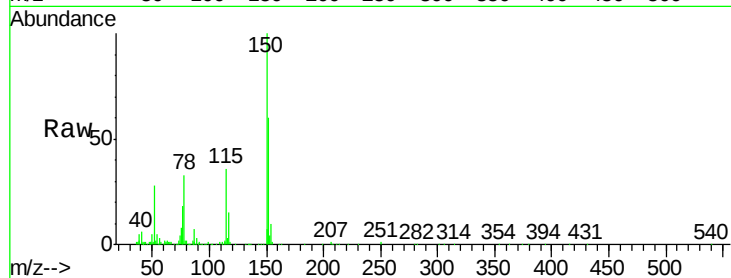
Tgt Ion:152 Resp: 125182

Ion Ratio Lower Upper

152 100

150 167.8 114.0 171.0

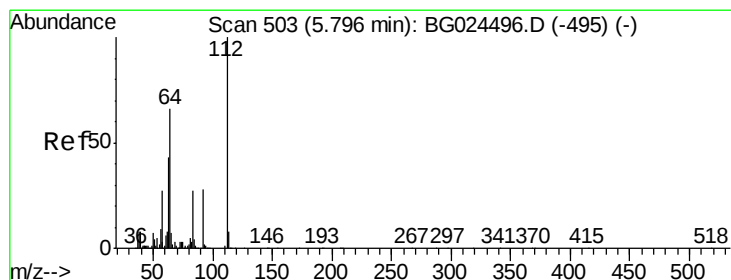
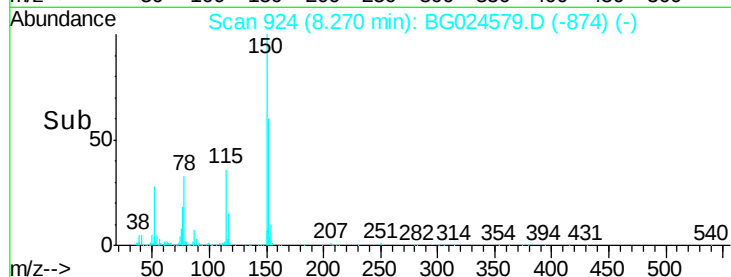
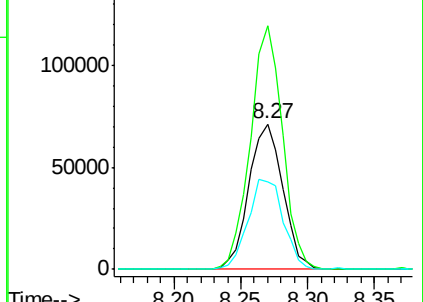
115 60.2 48.1 72.1



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: 116.04 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

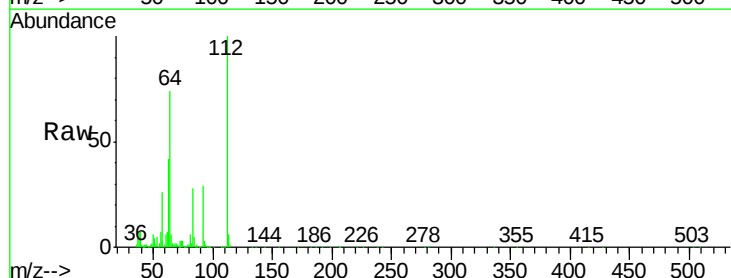
Tgt Ion:112 Resp: 886291

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

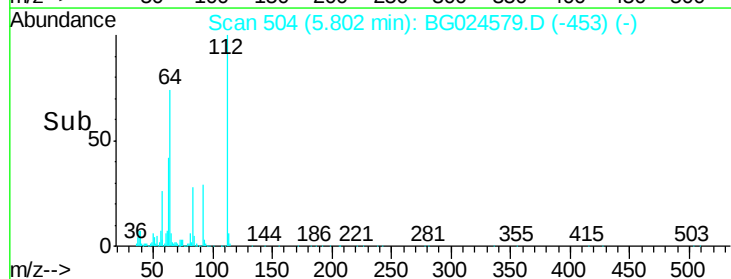
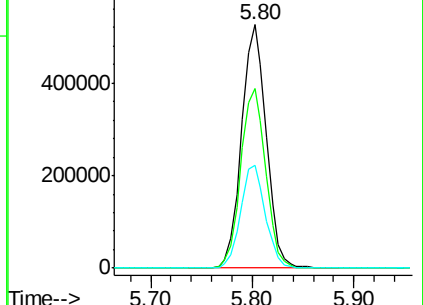
63 42.3 37.2 55.8



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: 120.91 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

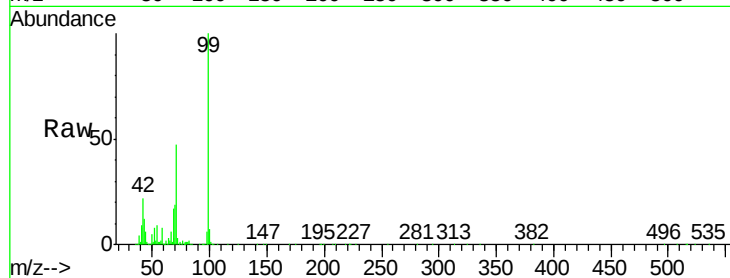
Tgt Ion: 99 Resp: 1266709

Ion Ratio Lower Upper

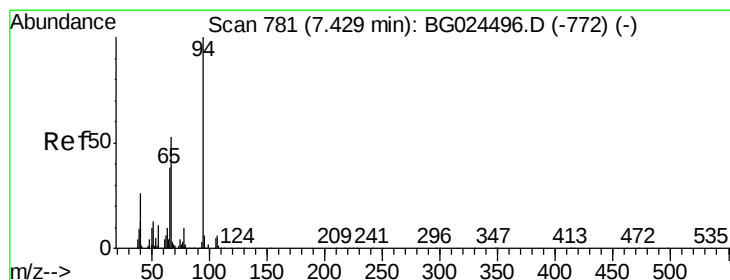
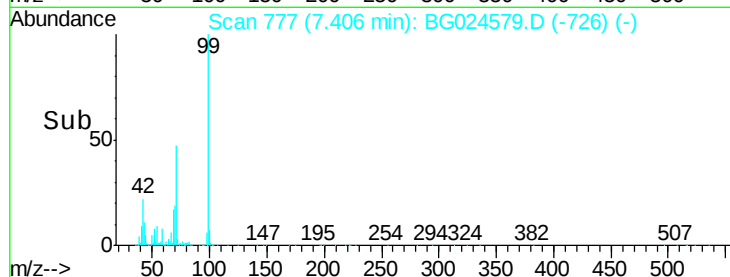
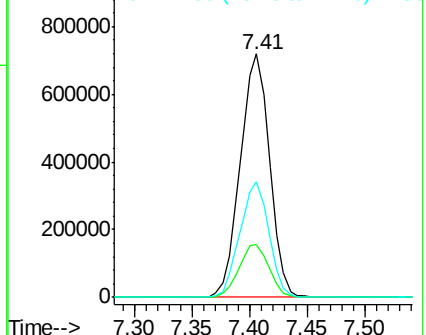
99 100

42 21.8 20.5 30.7

71 47.4 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: 3.53 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

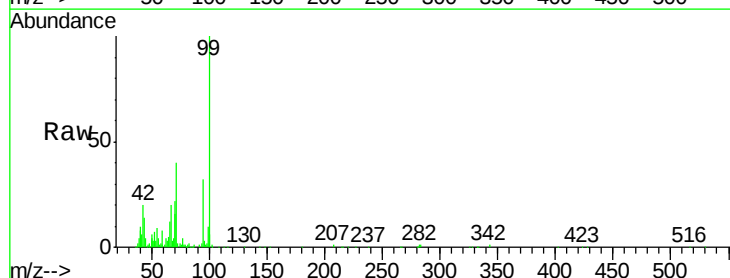
Tgt Ion: 94 Resp: 38105

Ion Ratio Lower Upper

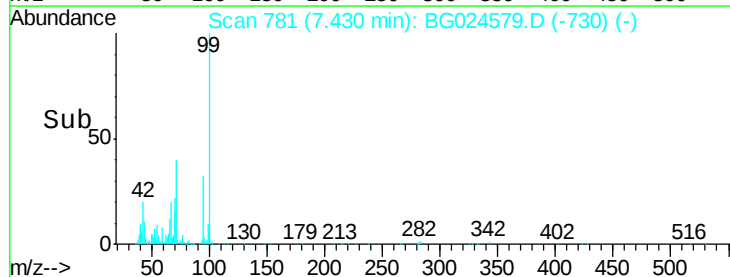
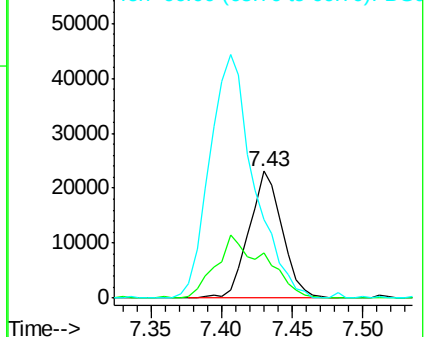
94 100

65 35.9 20.6 60.6

66 61.7 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

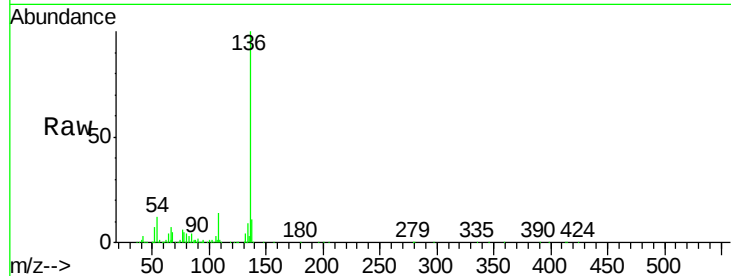




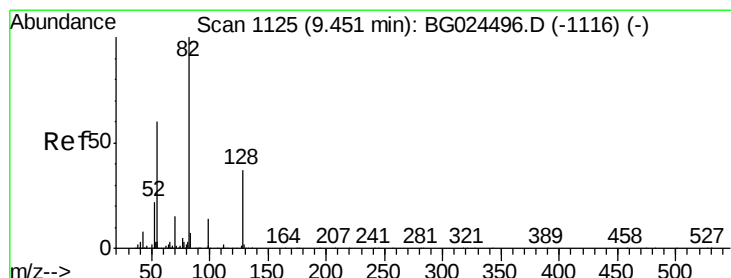
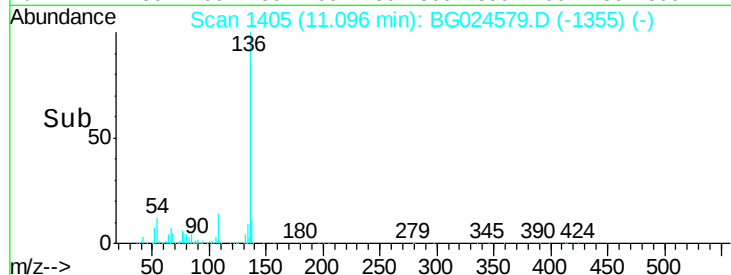
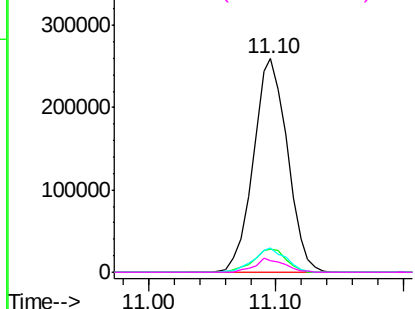
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Instrument :
BNA_G
ClientSampleId :
SB-2-3-4

Tgt Ion:	136	Resp:	482282
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.6	9.3	13.9
68	5.3	5.1	7.7

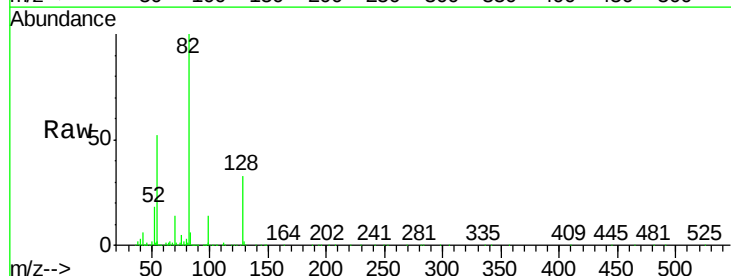


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

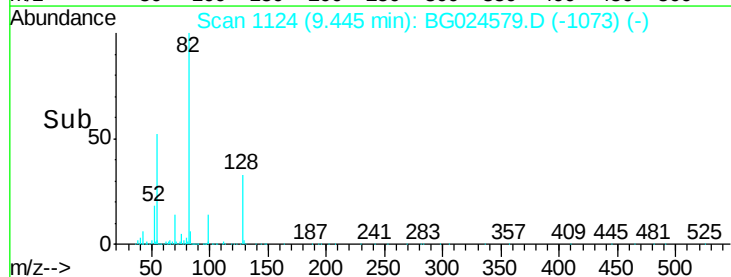
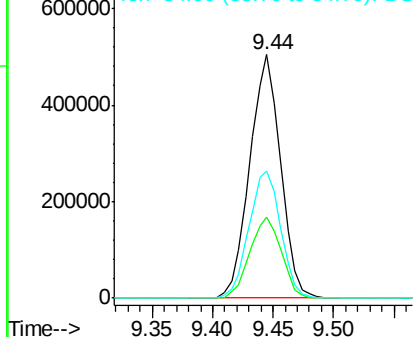


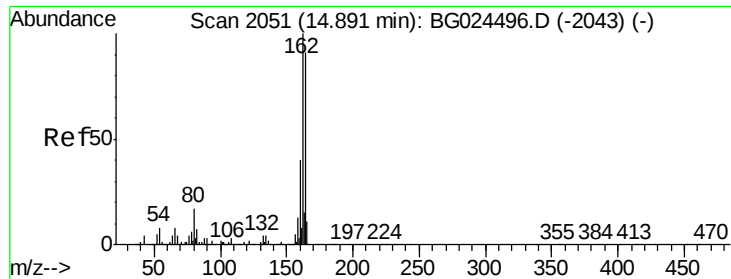
#23
Nitrobenzene-d5
Concen: 84.92 ng
RT: 9.44 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Tgt Ion:	82	Resp:	899485
Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	52.4	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

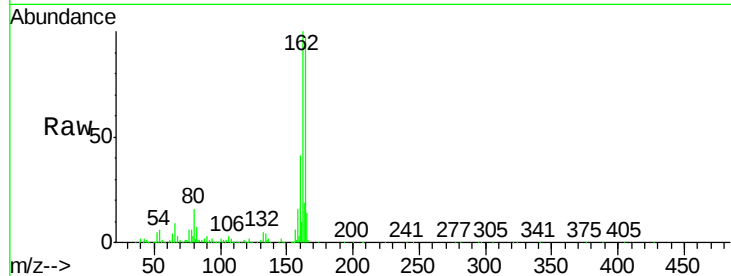
Tgt Ion:164 Resp: 361744

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

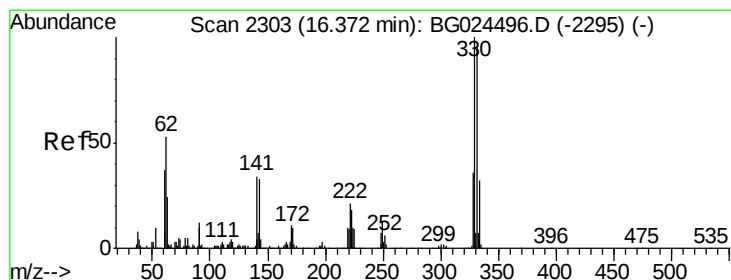
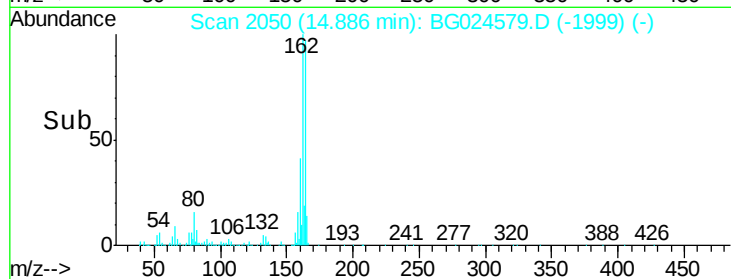
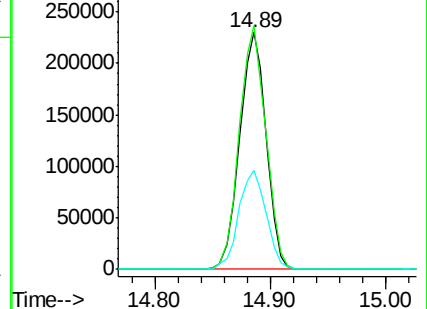
160 42.1 34.7 52.1



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: 125.46 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

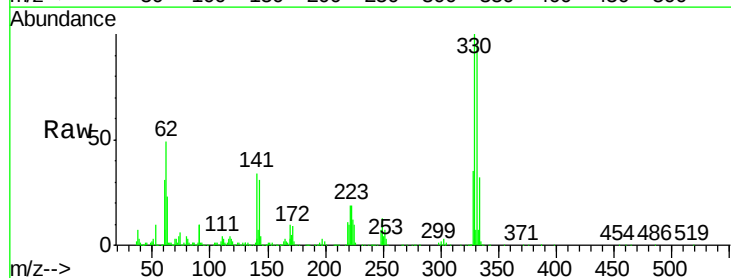
Tgt Ion:330 Resp: 678024

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

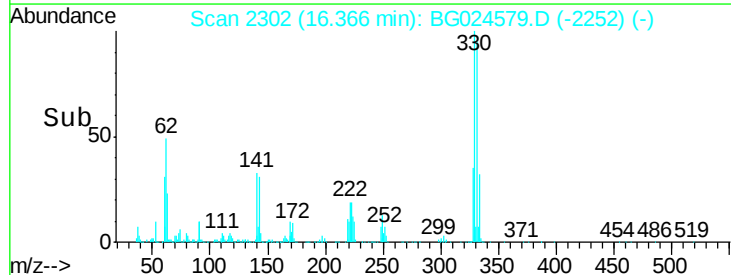
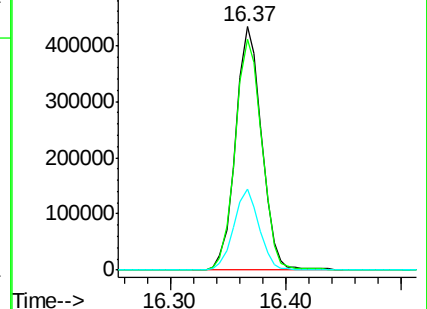
141 32.5 32.1 48.1

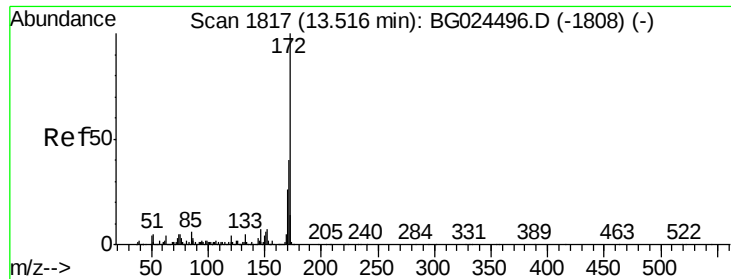


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 81.55 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

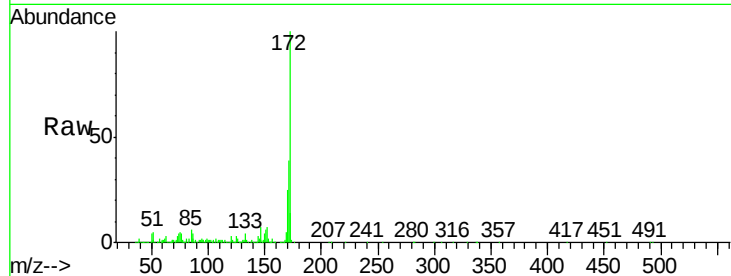
BNA_G

ClientSampleId :

SB-2-3-4

Tgt Ion:172 Resp: 1774923

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	24.9	21.8	32.6

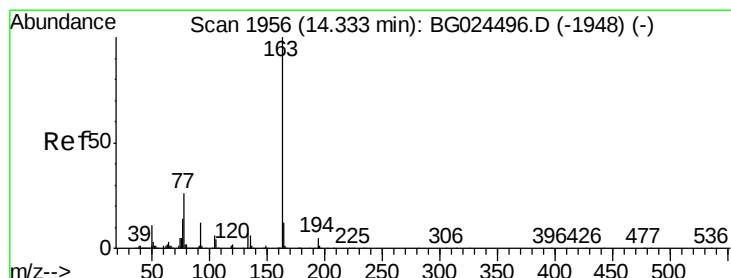
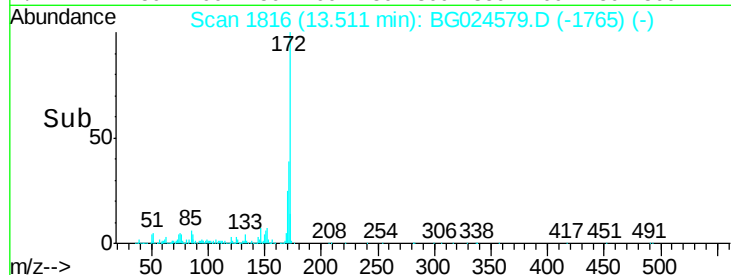


Abundance

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: 18.57 ng

RT: 14.32 min Scan# 1954

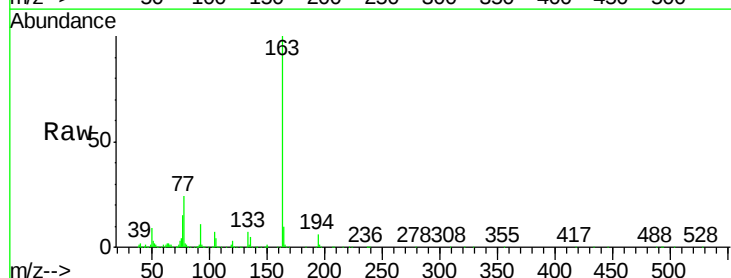
Delta R.T. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Tgt Ion:163 Resp: 476952

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.6#
164	10.2	9.3	13.9

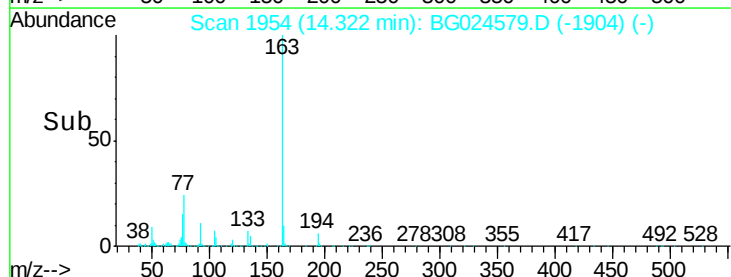


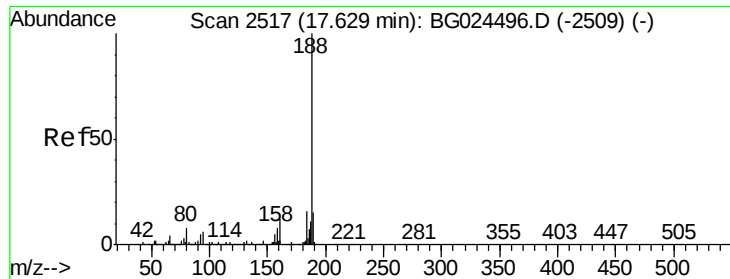
Abundance

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

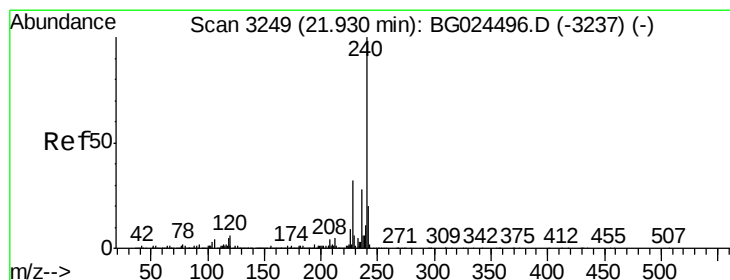
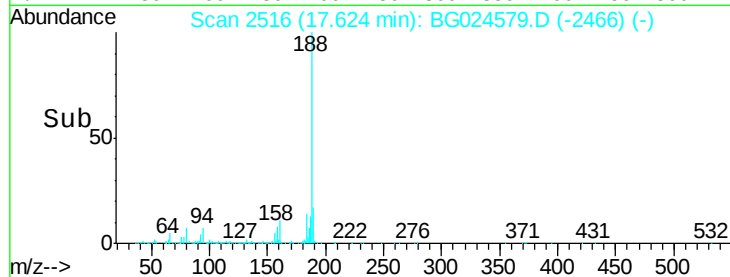
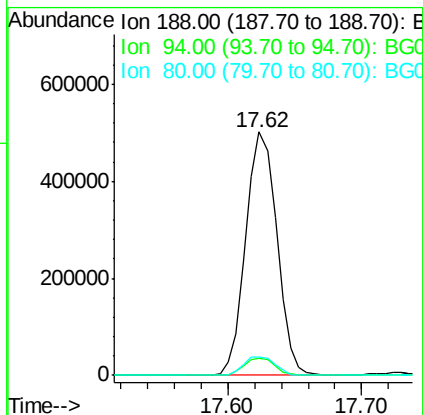
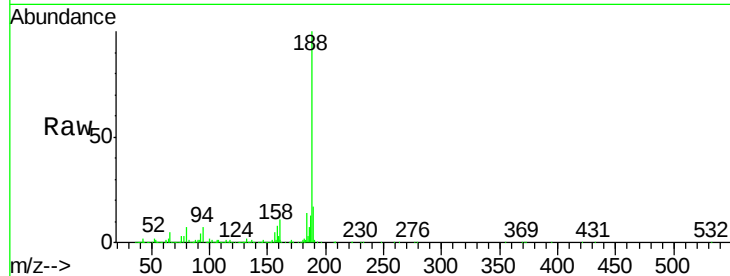




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

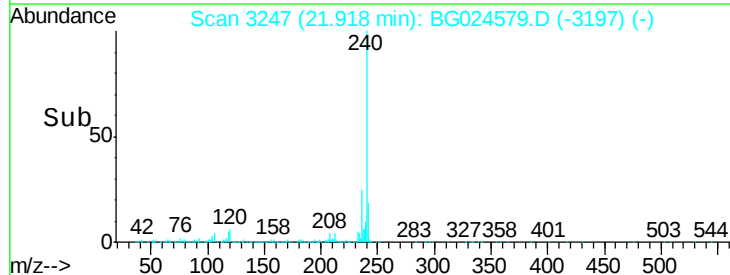
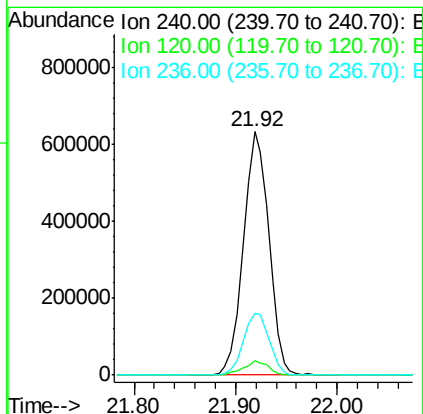
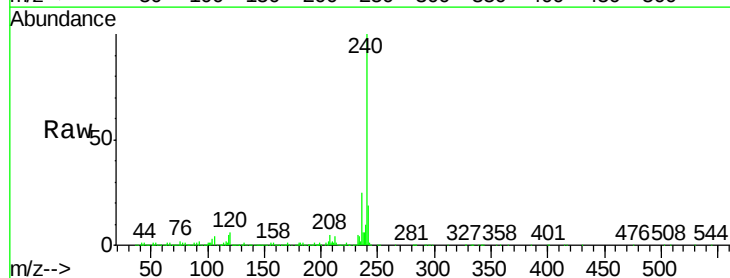
Instrument :
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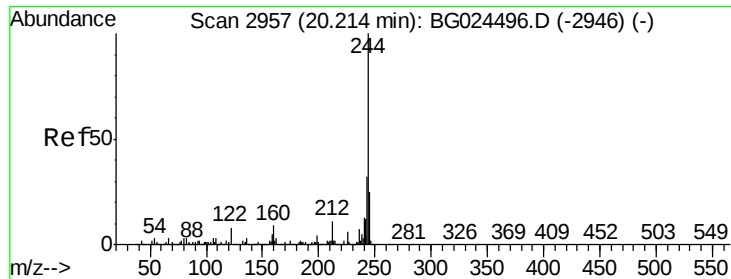
Tgt Ion:188 Resp: 809235
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Tgt Ion:240 Resp: 1100714
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 78.20 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

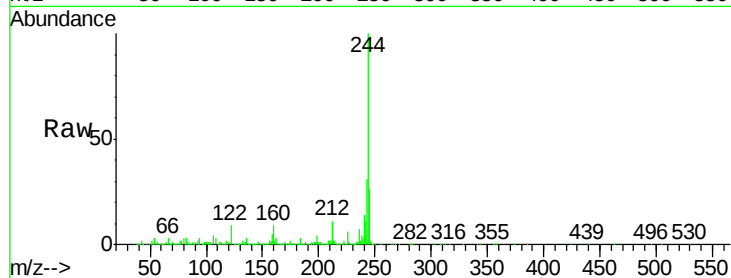
Tgt Ion:244 Resp: 2880705

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

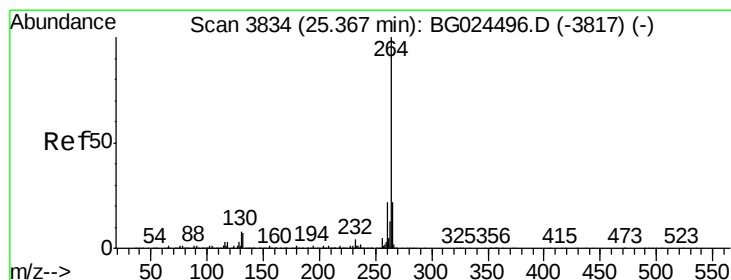
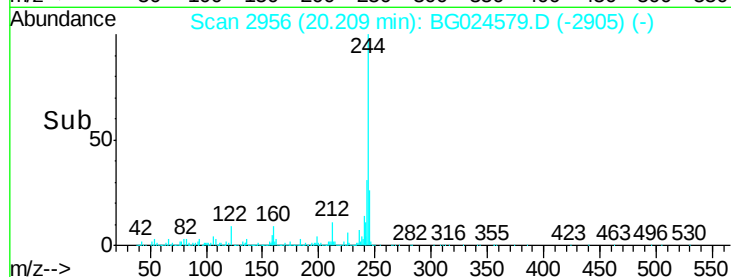
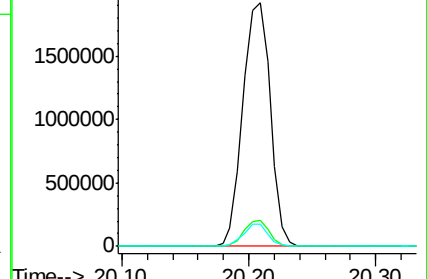
122 9.3 8.6 12.8



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. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

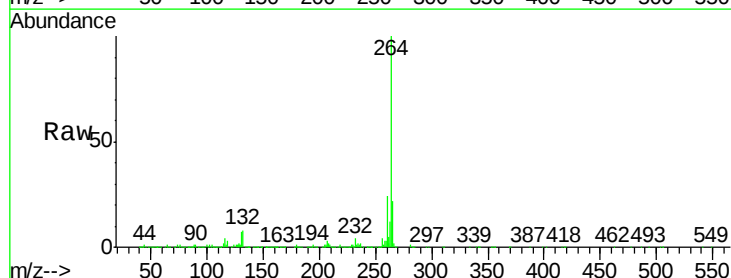
Tgt Ion:264 Resp: 1150245

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.7 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

