

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024583.D
 Acq On : 1 Nov 2016 8:55
 Operator : UM/SJ
 Sample : H5447-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPC-E1

Quant Time: Nov 01 13:21:41 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

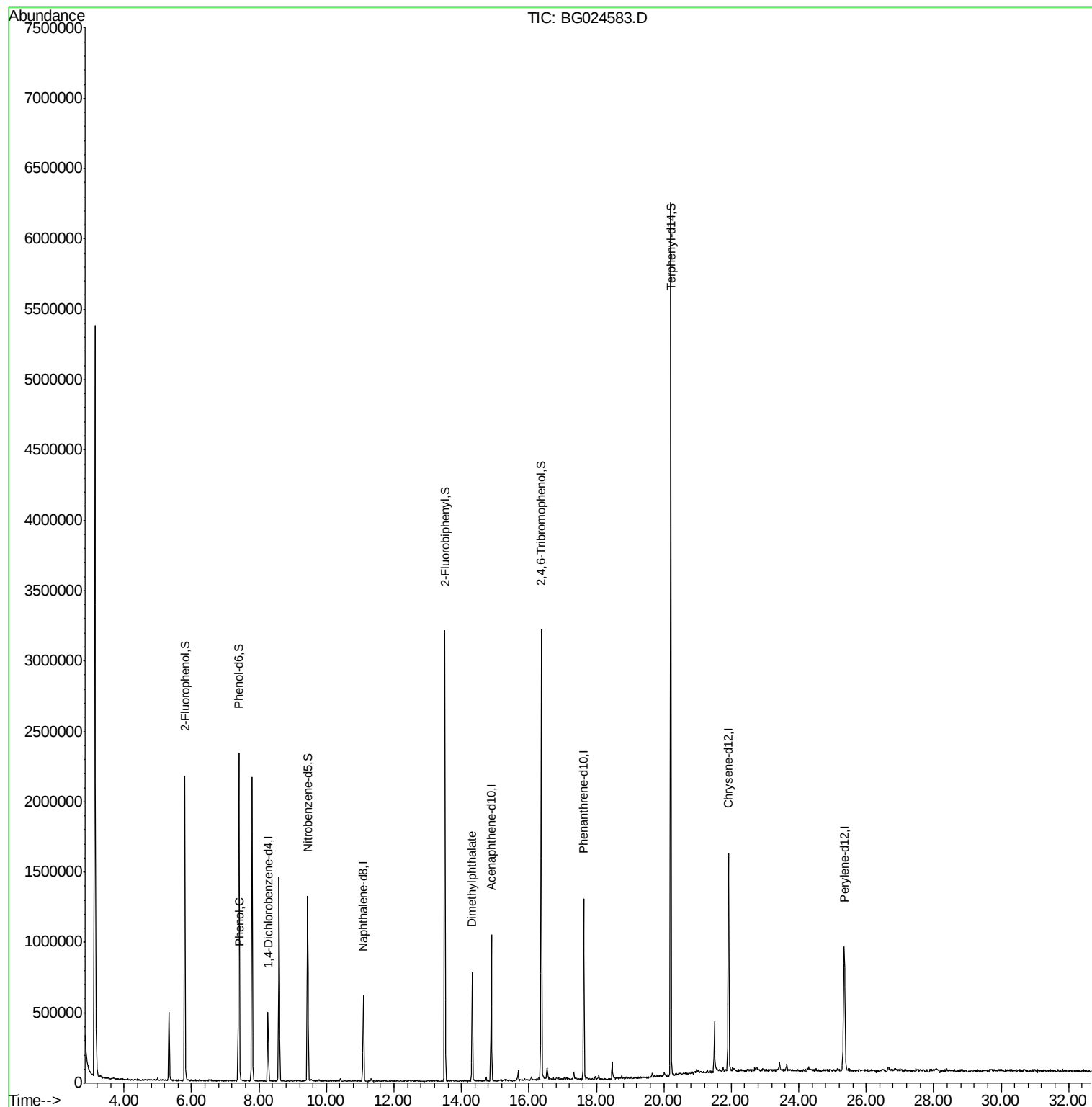
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	130765	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	493384	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	390322	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	815611	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1052625	20.00	ng	0.00
86) Perylene-d12	25.35	264	1094267	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	863696	108.25	ng	0.00
7) Phenol-d6	7.41	99	1254413	114.62	ng	0.00
23) Nitrobenzene-d5	9.44	82	850913	78.52	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	650832	111.61	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1626751	69.27	ng	0.00
78) Terphenyl-d14	20.21	244	2722825	77.29	ng	0.00
Target Compounds						
10) Phenol	7.43	94	33529	2.97	ng	# 58
49) Dimethylphthalate	14.32	163	466300	16.83	ng	# 94

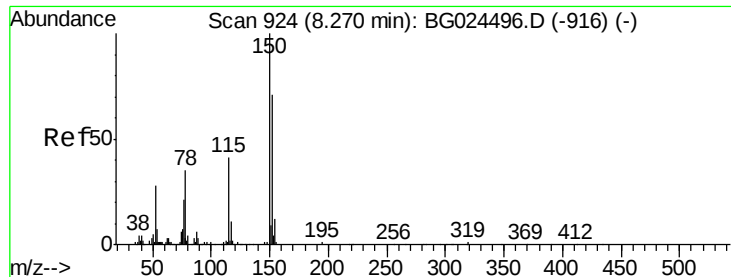
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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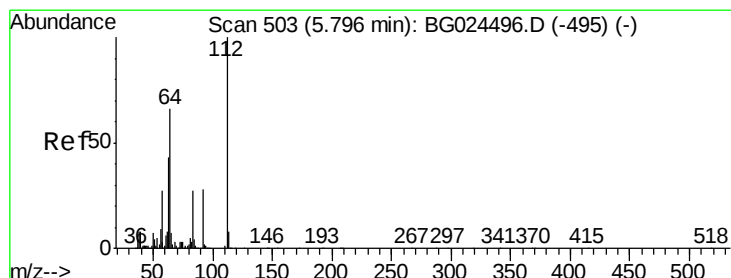
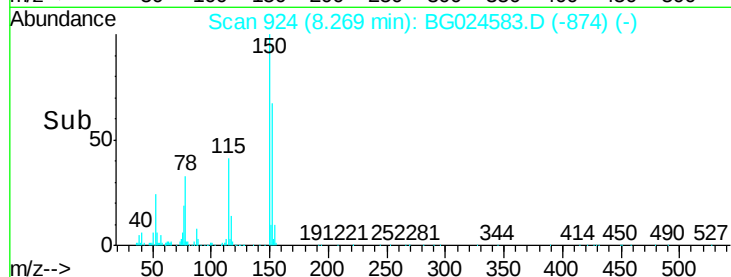
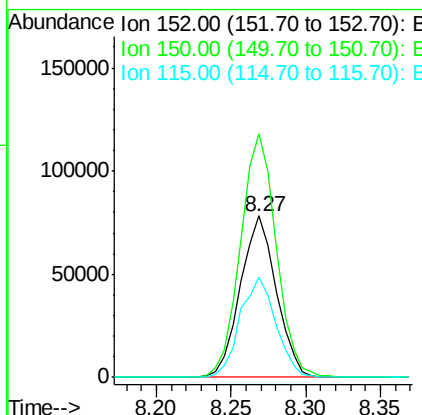
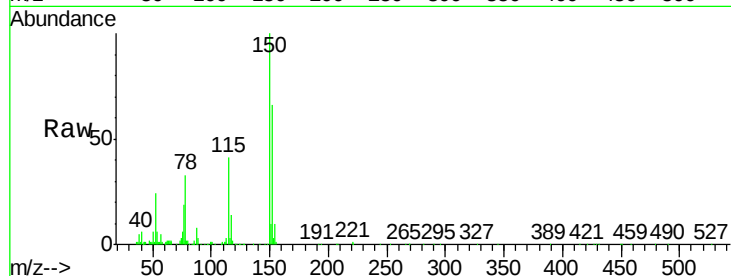


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

Instrument :
BNA_G
ClientSampleId :
RPC-E1

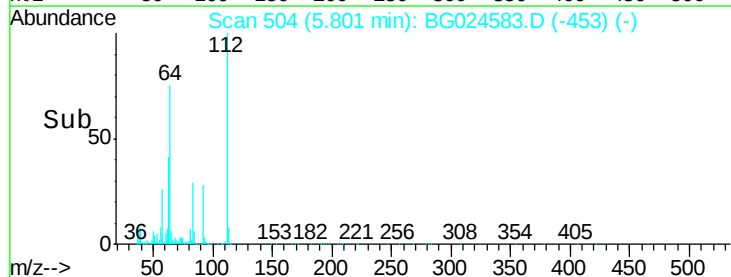
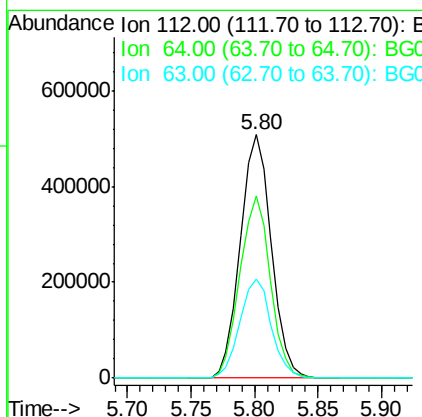
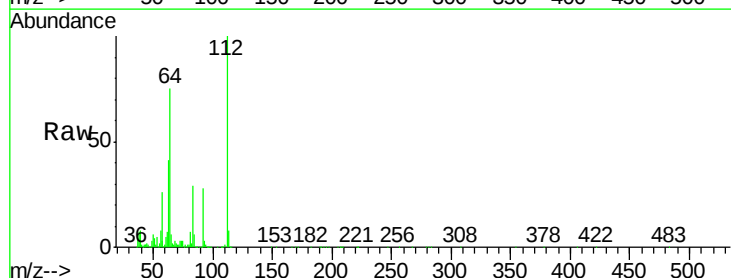
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	114.0	171.0
115	62.1	48.1	72.1



#5

2-Fluorophenol
Concen: 108.25 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	61.8	92.6
63	40.9	37.2	55.8





#7

Phenol-d6

Concen: 114.62 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

Instrument :

BNA_G

ClientSampleId :

RPC-E1

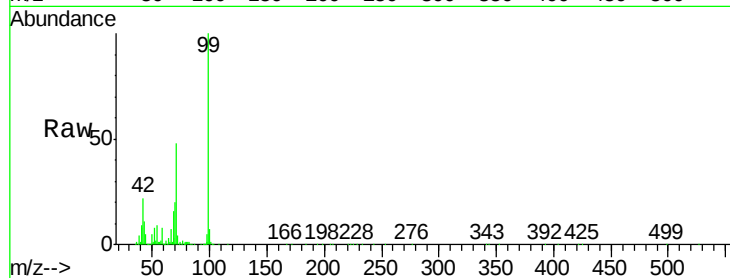
Tgt Ion: 99 Resp: 1254413

Ion Ratio Lower Upper

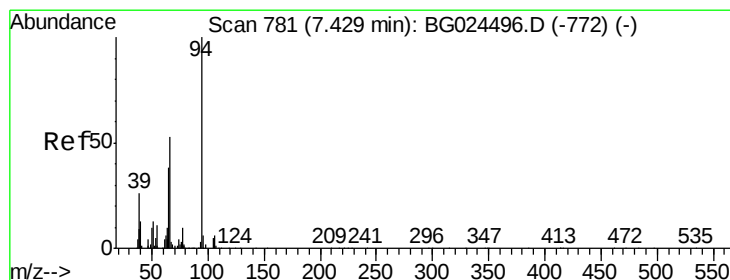
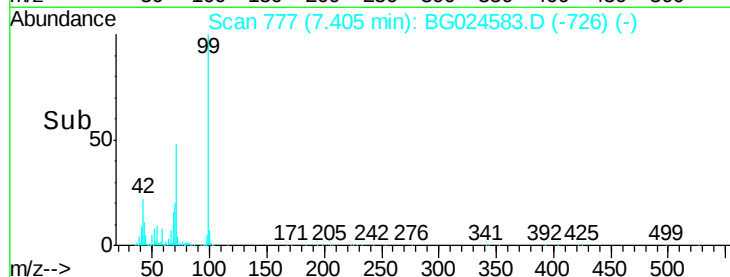
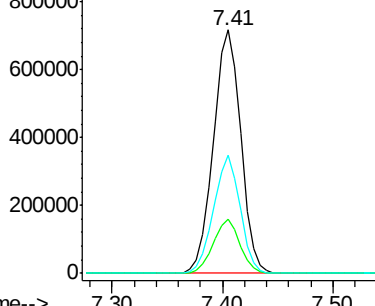
99 100

42 22.3 20.5 30.7

71 48.4 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: 2.97 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

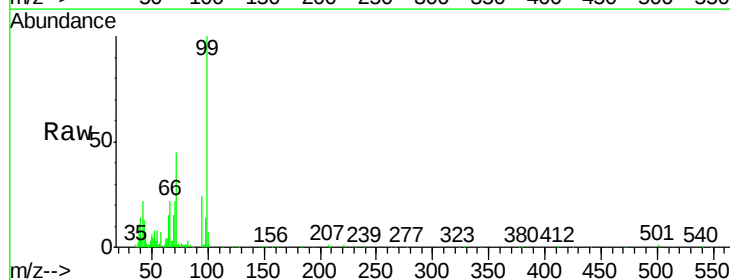
Tgt Ion: 94 Resp: 33529

Ion Ratio Lower Upper

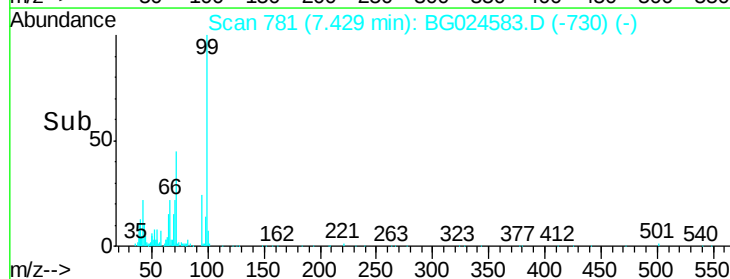
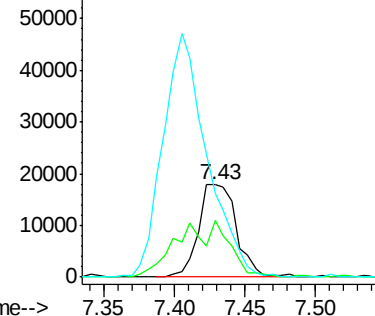
94 100

65 61.9 20.6 60.6#

66 89.8 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

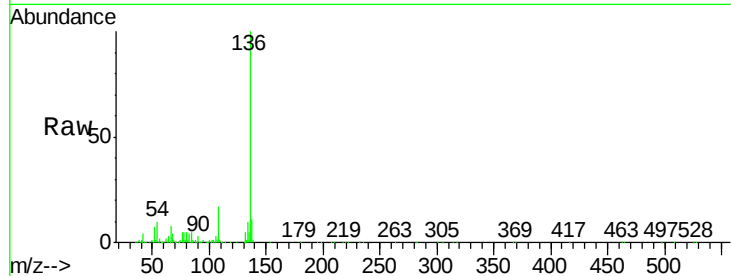




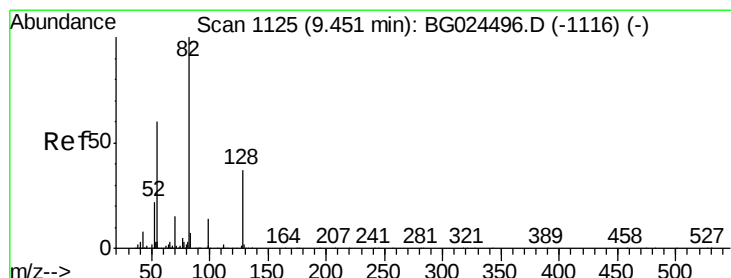
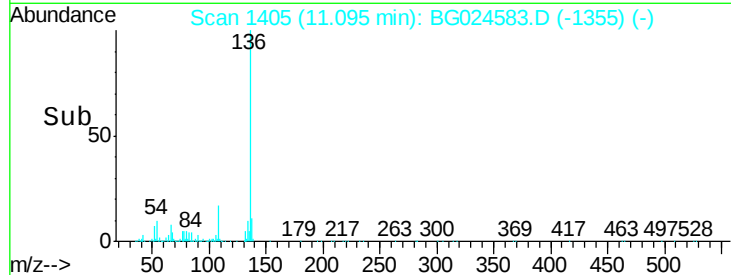
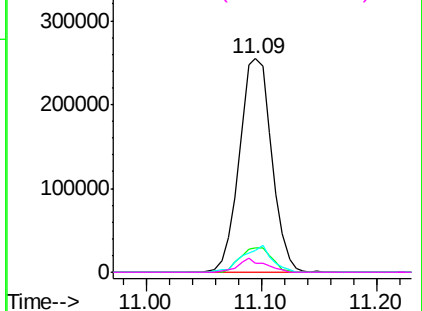
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

Instrument :
BNA_G
ClientSampleId :
RPC-E1

Tgt Ion:	136	Resp:	493384
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	9.3	13.9
68	5.2	5.1	7.7

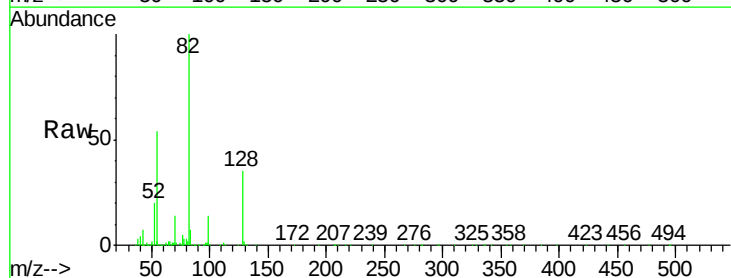


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

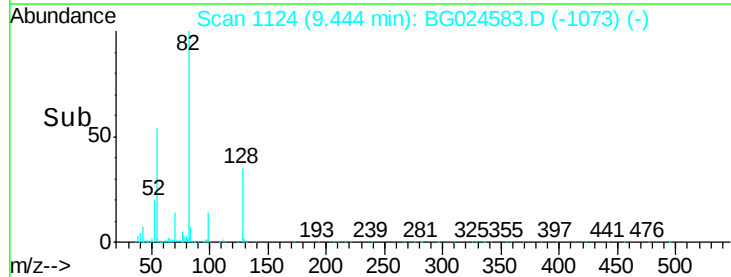
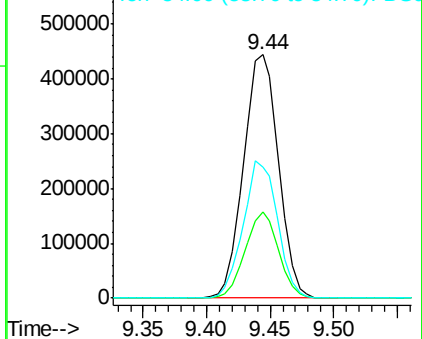


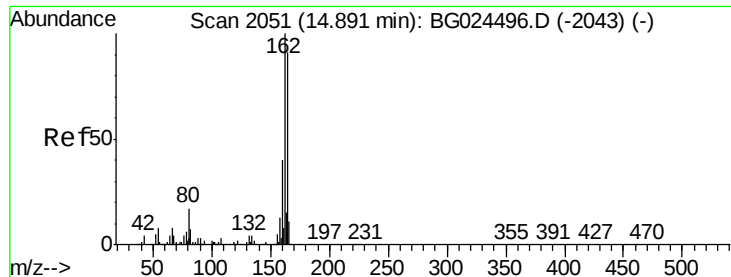
#23
Nitrobenzene-d5
Concen: 78.52 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

Tgt Ion:	82	Resp:	850913
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	53.6	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: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

Instrument :

BNA_G

ClientSampleId :

RPC-E1

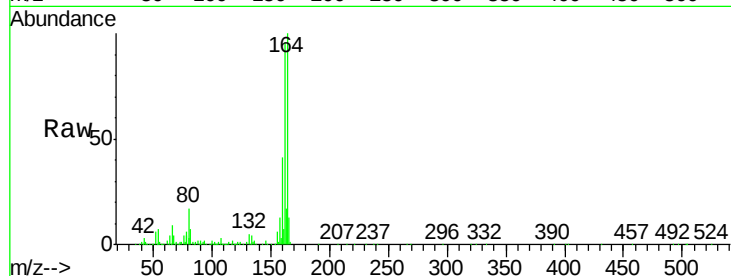
Tgt Ion:164 Resp: 390322

Ion Ratio Lower Upper

164 100

162 96.4 85.1 127.7

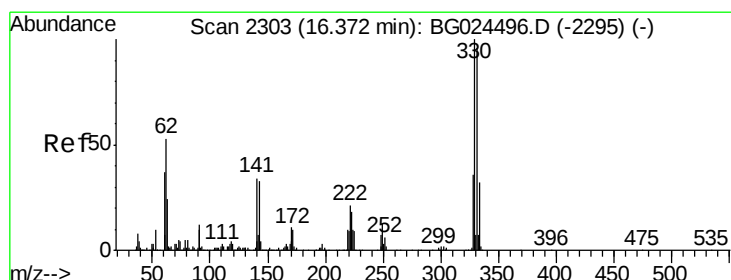
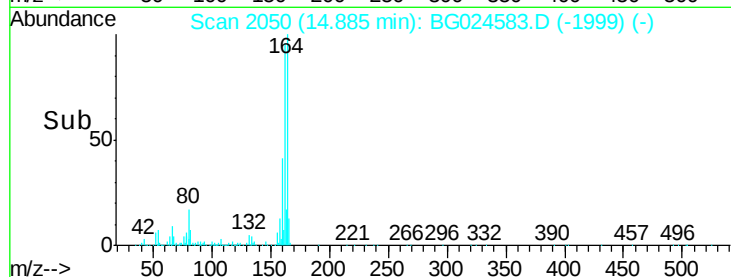
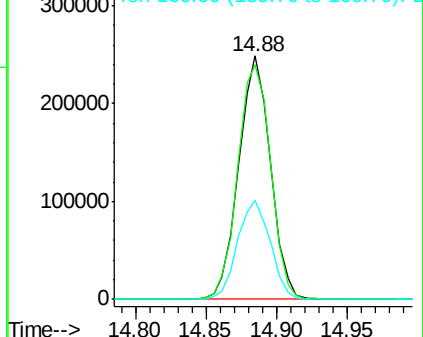
160 40.6 34.7 52.1



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: 111.61 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

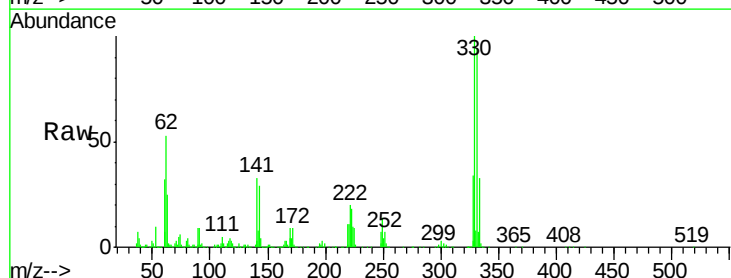
Tgt Ion:330 Resp: 650832

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

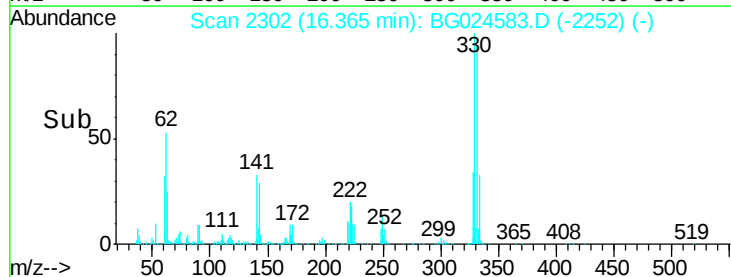
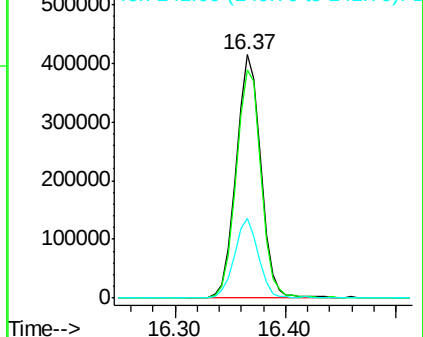
141 31.8 32.1 48.1#

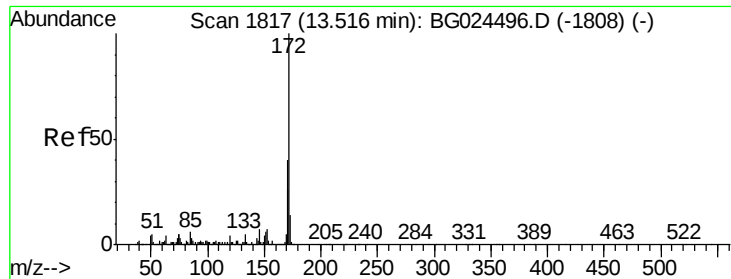


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

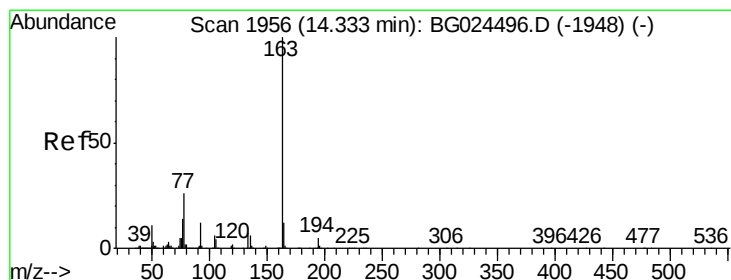
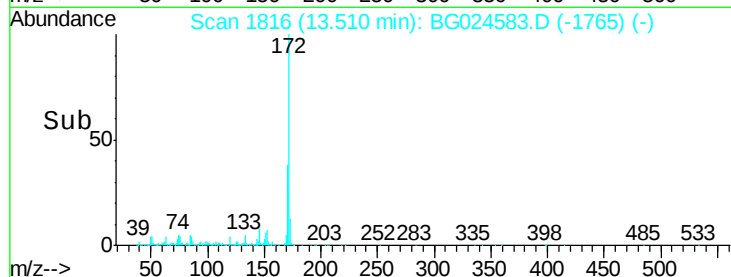
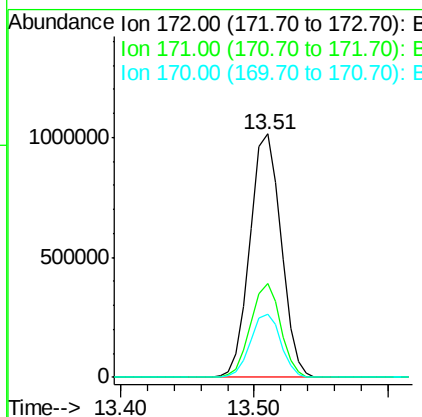
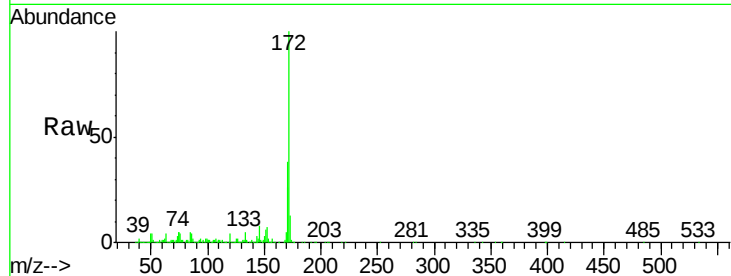




#44
2-Fluorobiphenyl
Concen: 69.27 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

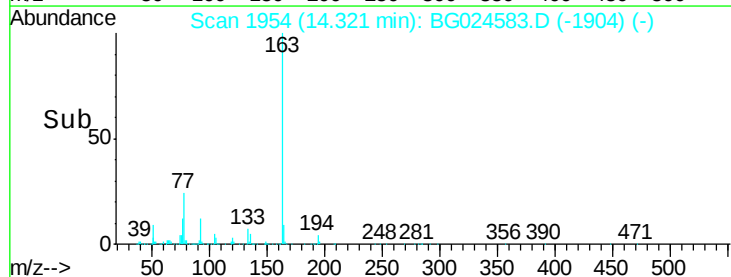
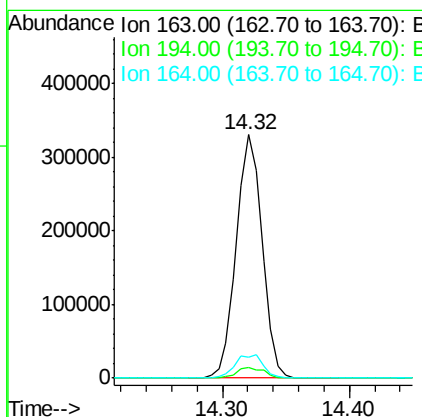
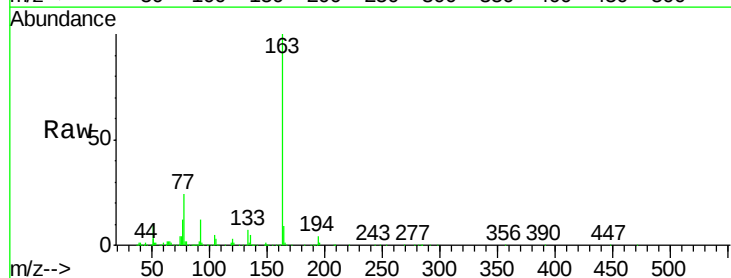
Instrument :
BNA_G
ClientSampleId :
RPC-E1

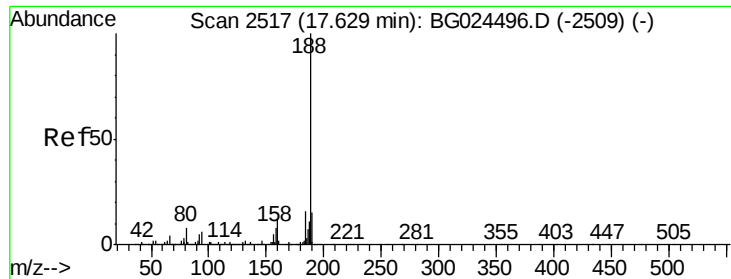
Tgt Ion:172 Resp: 1626751
Ion Ratio Lower Upper
172 100
171 38.4 32.2 48.2
170 26.0 21.8 32.6



#49
Dimethylphthalate
Concen: 16.83 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024583.D
Acq: 1 Nov 2016 8:55

Tgt Ion:163 Resp: 466300
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 8.7 9.3 13.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

Instrument :

BNA_G

ClientSampleId :

RPC-E1

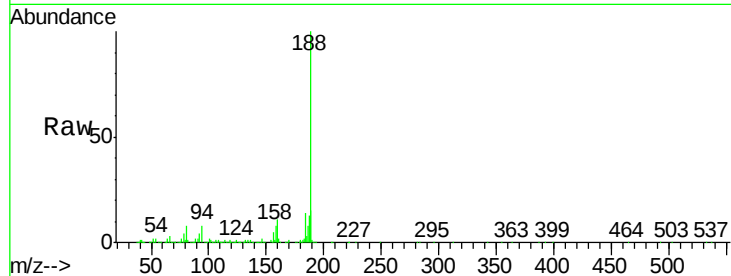
Tgt Ion:188 Resp: 815611

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

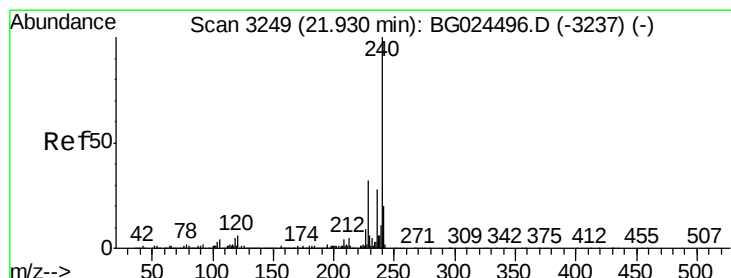
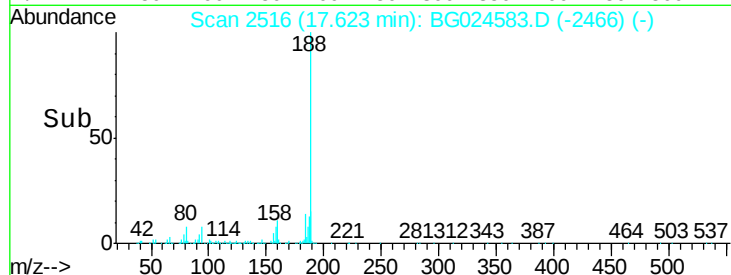
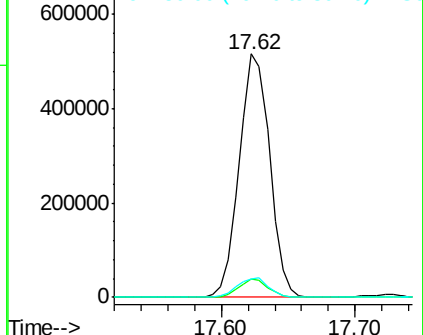
80 7.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

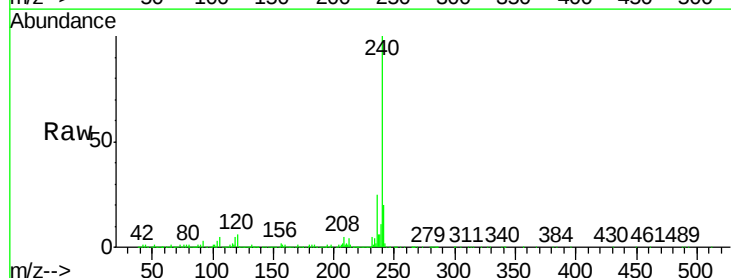
Tgt Ion:240 Resp: 1052625

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

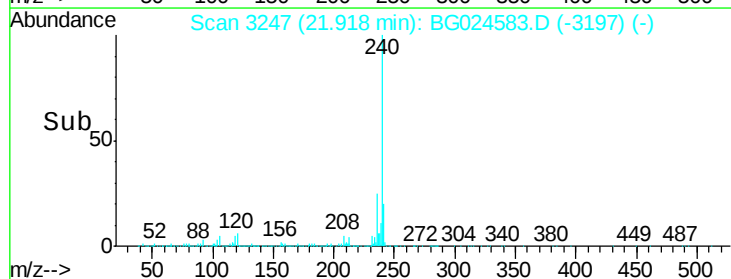
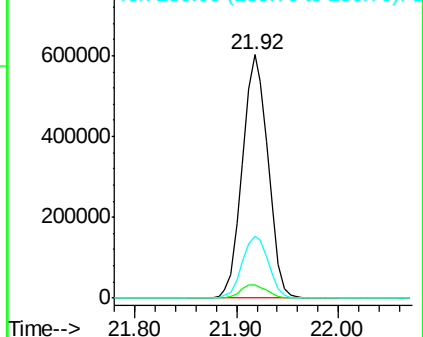
236 25.4 22.2 33.4

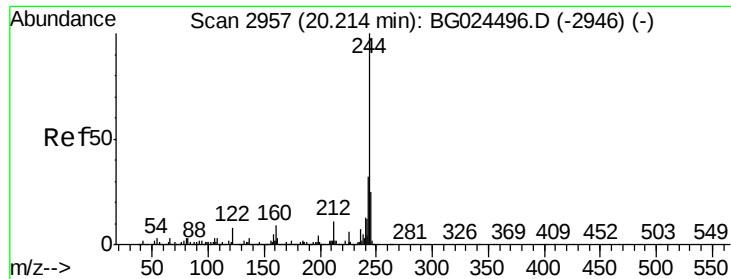


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.29 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024583.D

Acq: 1 Nov 2016 8:55

Instrument :

BNA_G

ClientSampleId :

RPC-E1

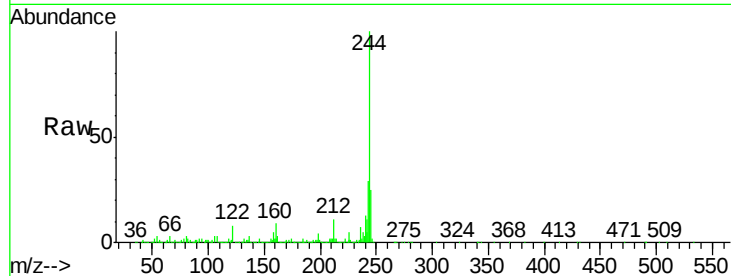
Tgt Ion:244 Resp: 2722825

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

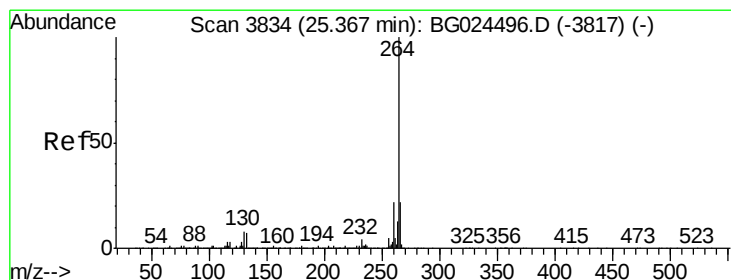
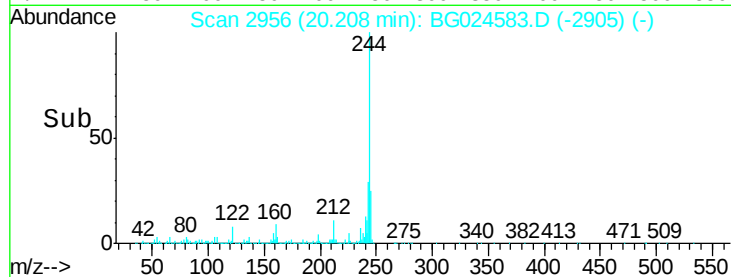
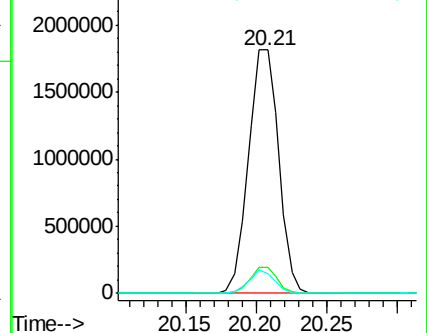
122 8.2 8.6 12.8#



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: BG024583.D

Acq: 1 Nov 2016 8:55

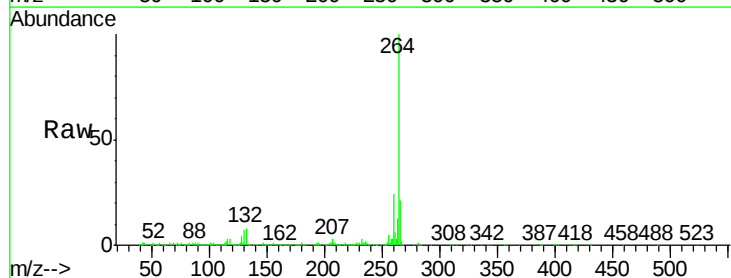
Tgt Ion:264 Resp: 1094267

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.3 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

