

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024586.D
 Acq On : 1 Nov 2016 10:50
 Operator : UM/SJ
 Sample : H5447-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPC-B3

Quant Time: Nov 01 13:28:13 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

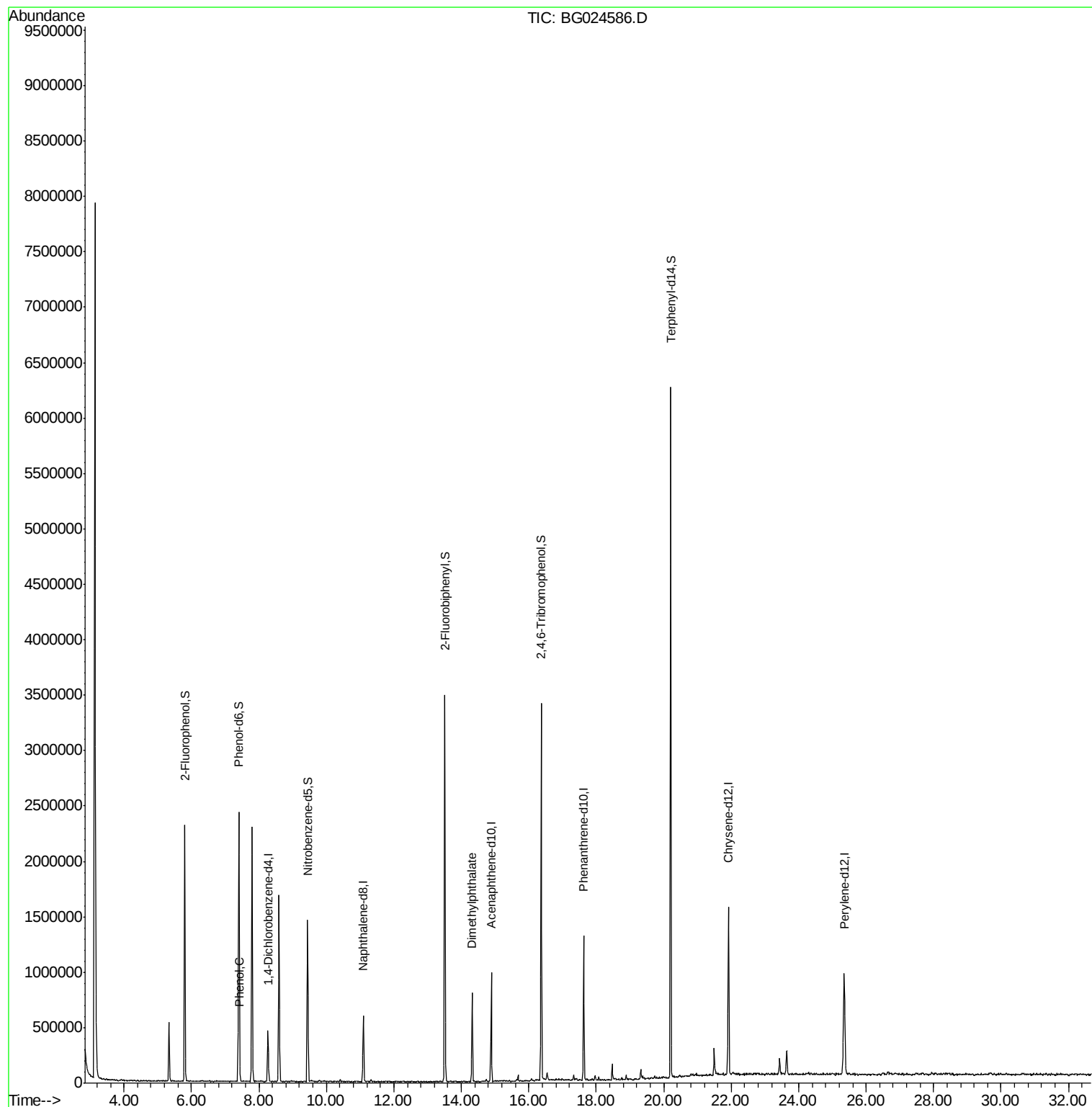
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124116	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	473961	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	365289	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	777888	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1053957	20.00	ng	0.00
86) Perylene-d12	25.35	264	1098595	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	923527	121.95	ng	0.00
7) Phenol-d6	7.41	99	1319383	127.01	ng	0.00
23) Nitrobenzene-d5	9.44	82	940791	90.37	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	665764	122.00	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1802426	82.01	ng	0.00
78) Terphenyl-d14	20.20	244	2727099	77.32	ng	0.00
Target Compounds						
10) Phenol	7.44	94	36028	3.36	ng	92
49) Dimethylphthalate	14.32	163	503502	19.42	ng	97

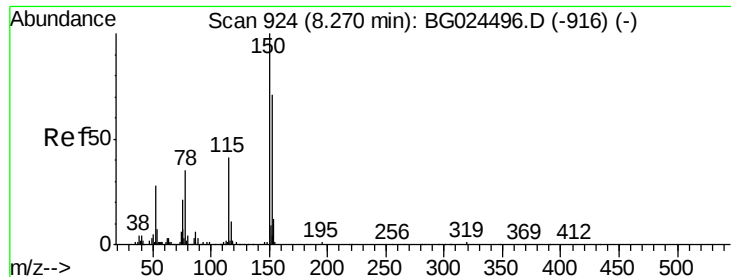
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024586.D

Acq: 1 Nov 2016 10:50

Instrument :

BNA_G

ClientSampleId :

RPC-B3

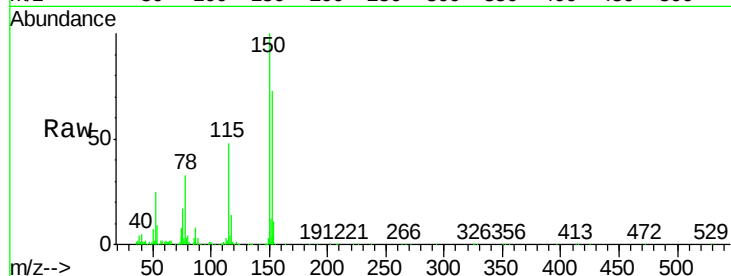
Tgt Ion:152 Resp: 124116

Ion Ratio Lower Upper

152 100

150 136.1 114.0 171.0

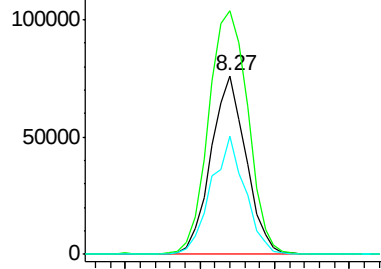
115 66.0 48.1 72.1



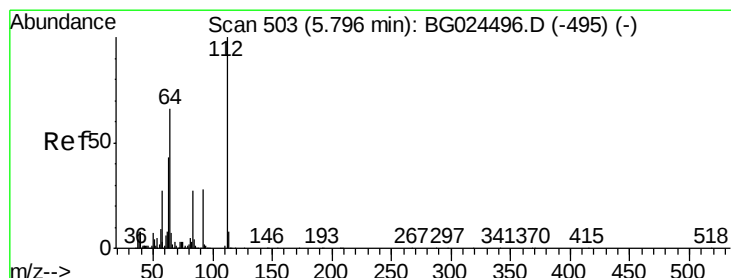
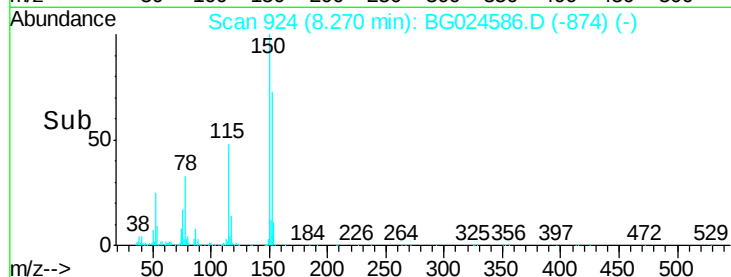
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 121.95 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

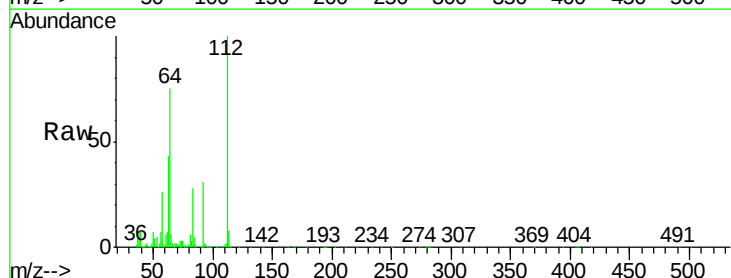
Tgt Ion:112 Resp: 923527

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

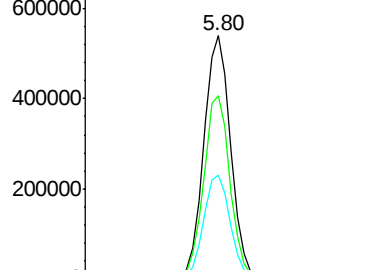
63 42.5 37.2 55.8



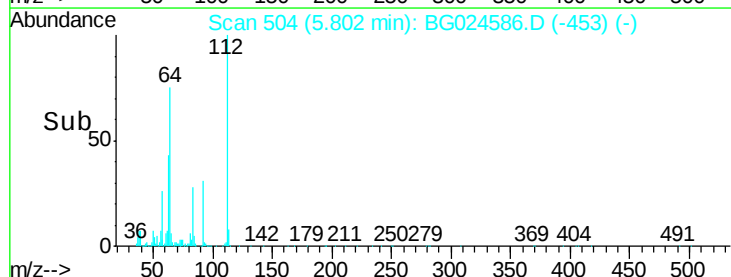
Abundance Ion 112.00 (111.70 to 112.70): E

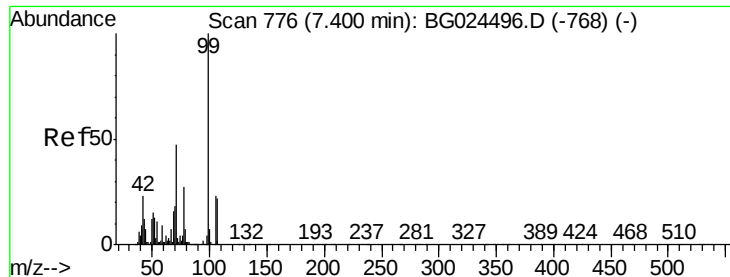
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 127.01 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

Instrument :

BNA_G

ClientSampleID :

RPC-B3

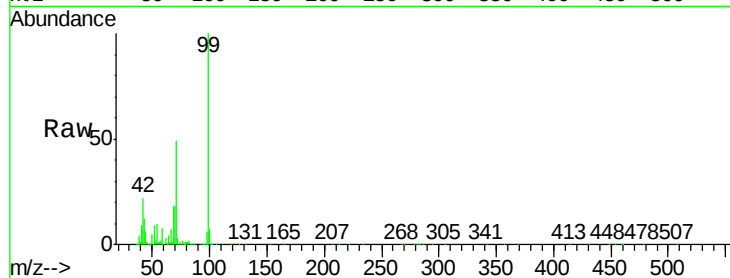
Tgt Ion: 99 Resp: 1319383

Ion Ratio Lower Upper

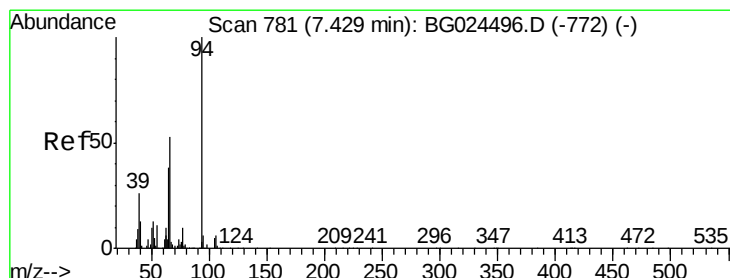
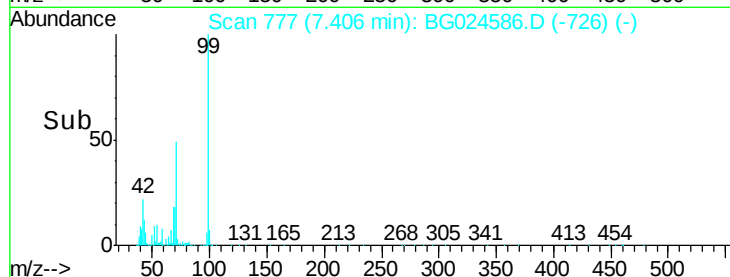
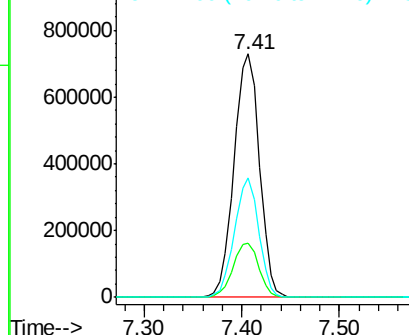
99 100

42 22.2 20.5 30.7

71 49.0 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: 3.36 ng

RT: 7.44 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

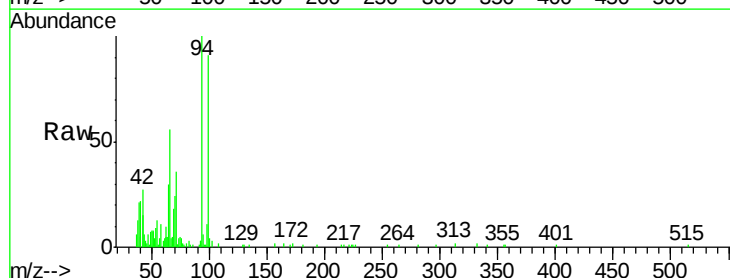
Tgt Ion: 94 Resp: 36028

Ion Ratio Lower Upper

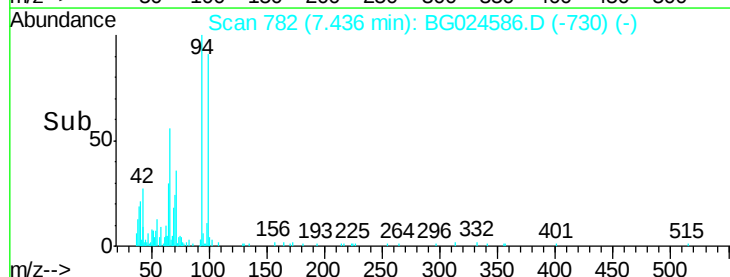
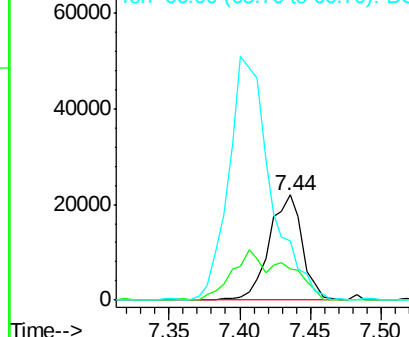
94 100

65 30.0 20.6 60.6

66 56.2 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

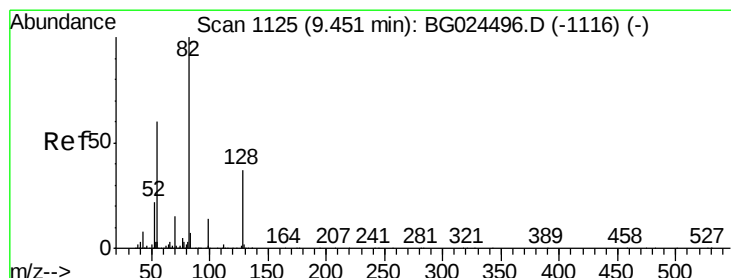
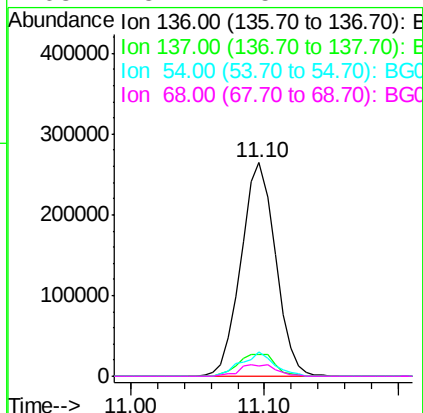
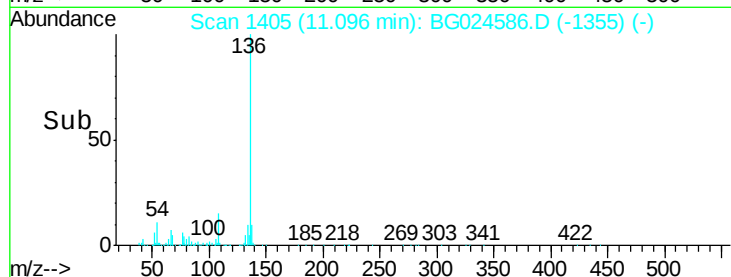
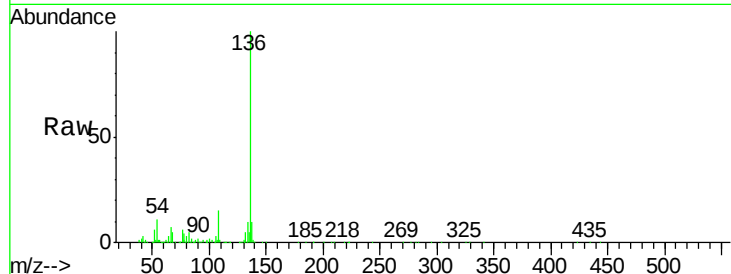




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024586.D
Acq: 1 Nov 2016 10:50

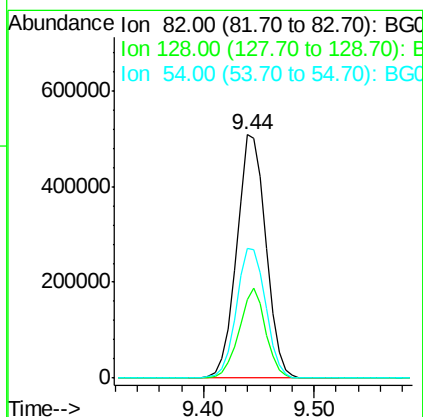
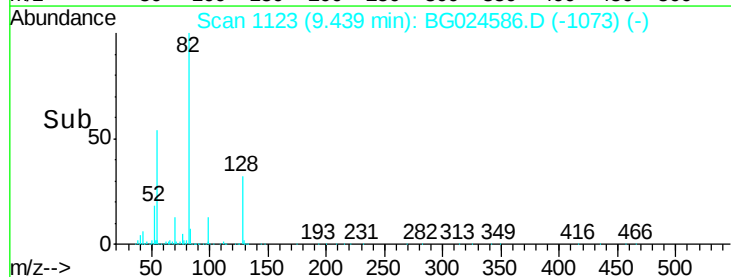
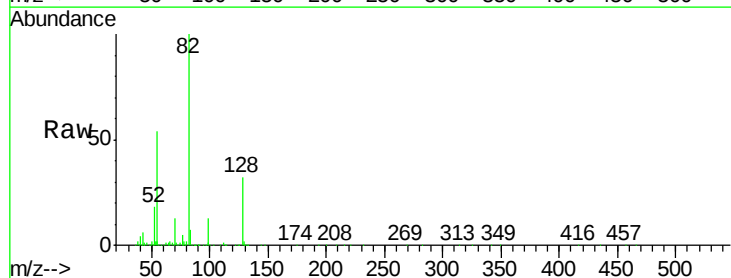
Instrument :
BNA_G
ClientSampleId :
RPC-B3

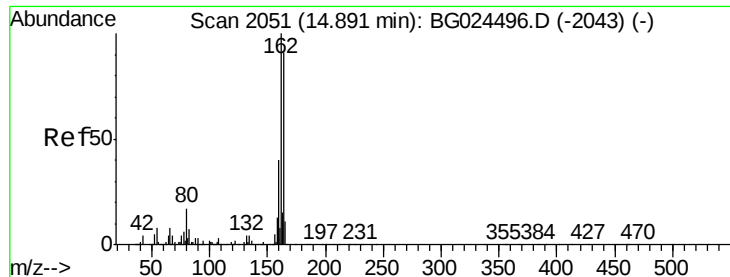
Tgt Ion:	136	Resp:	473961
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.2	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.37 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024586.D
Acq: 1 Nov 2016 10:50

Tgt Ion:	82	Resp:	940791
Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.4	39.6
54	53.5	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

Instrument :

BNA_G

ClientSampleId :

RPC-B3

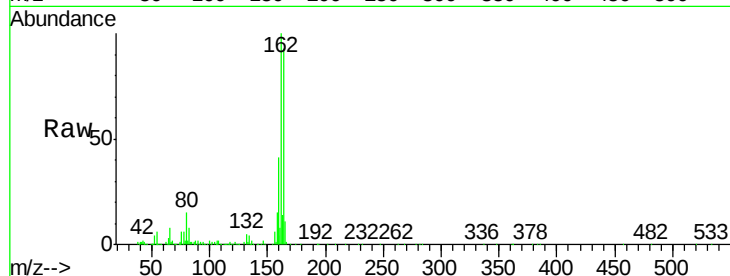
Tgt Ion:164 Resp: 365289

Ion Ratio Lower Upper

164 100

162 108.0 85.1 127.7

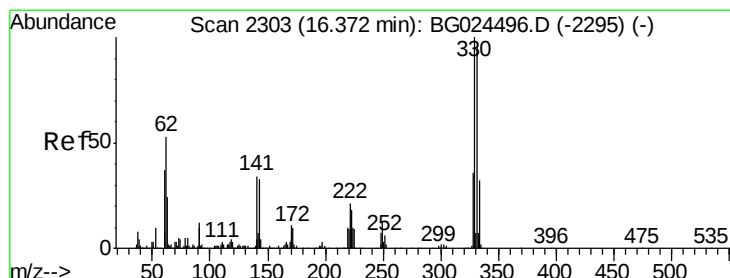
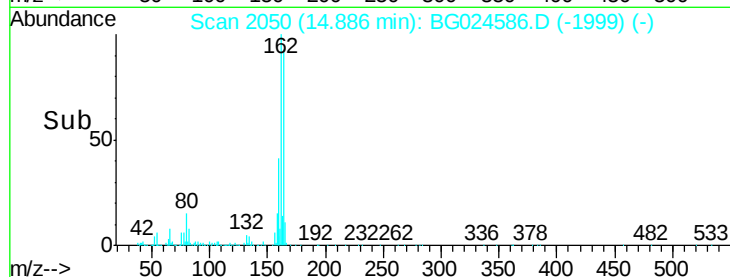
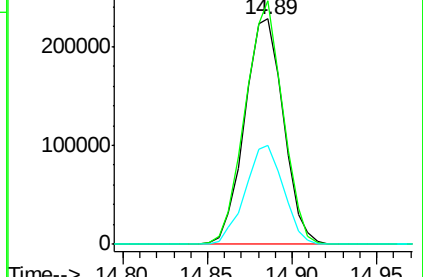
160 44.0 34.7 52.1



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: 122.00 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

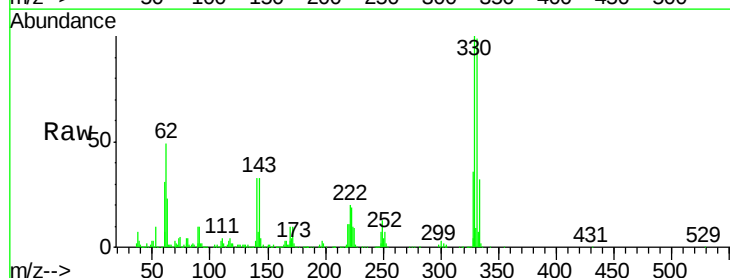
Tgt Ion:330 Resp: 665764

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

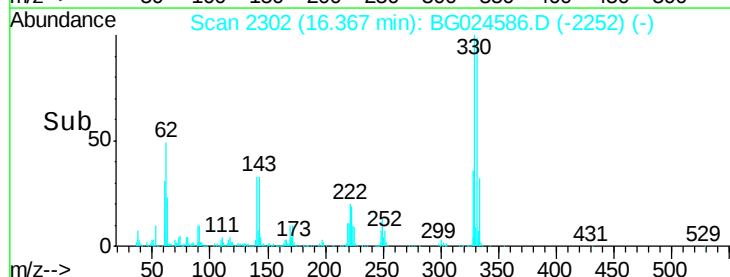
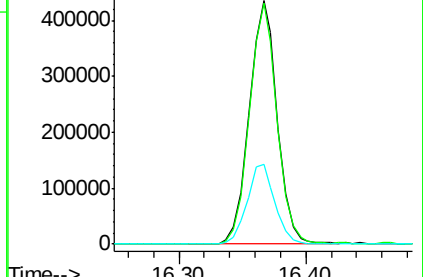
141 32.7 32.1 48.1



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: 82.01 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

Instrument :

BNA_G

ClientSampleId :

RPC-B3

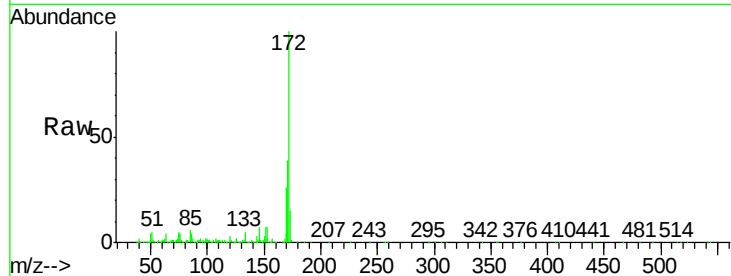
Tgt Ion:172 Resp: 1802426

Ion Ratio Lower Upper

172 100

171 39.5 32.2 48.2

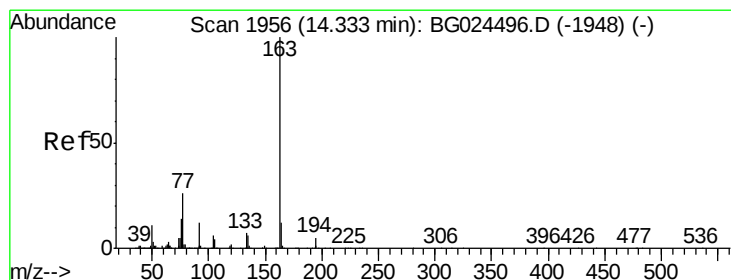
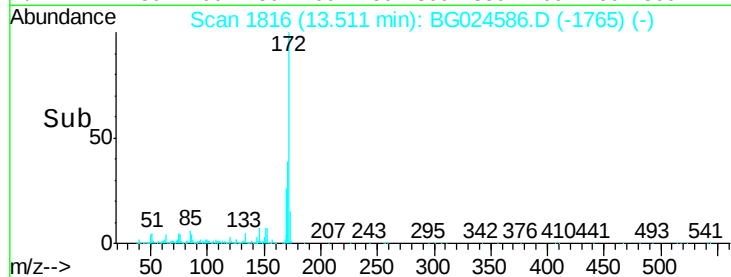
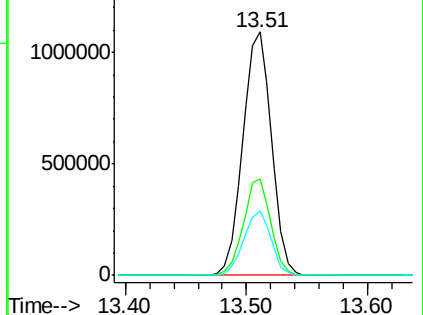
170 26.4 21.8 32.6



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



#49

Dimethylphthalate

Concen: 19.42 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024586.D

Acq: 1 Nov 2016 10:50

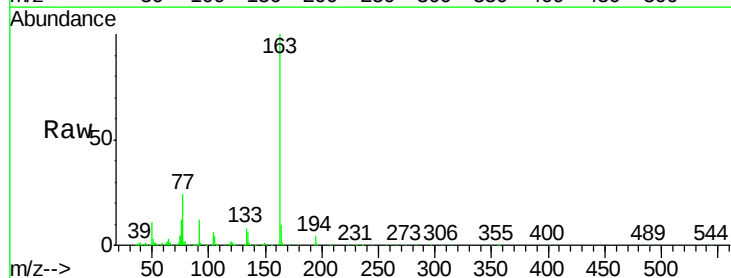
Tgt Ion:163 Resp: 503502

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

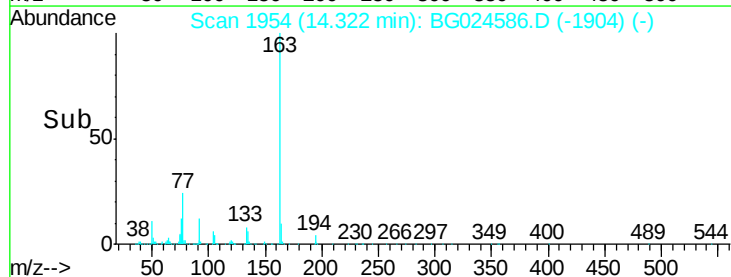
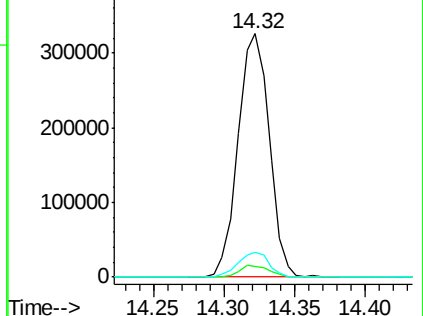
164 10.0 9.3 13.9

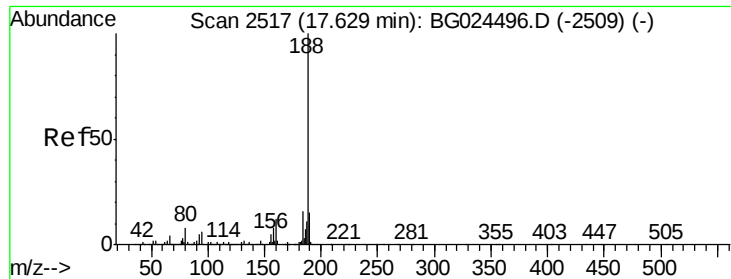


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

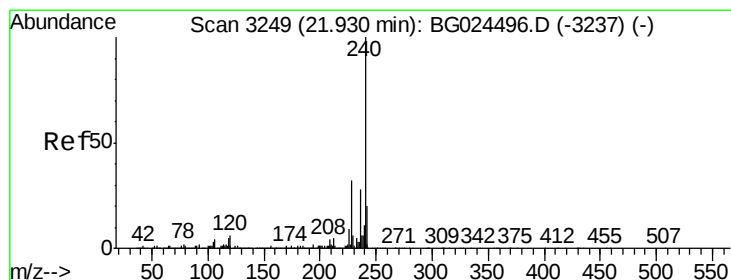
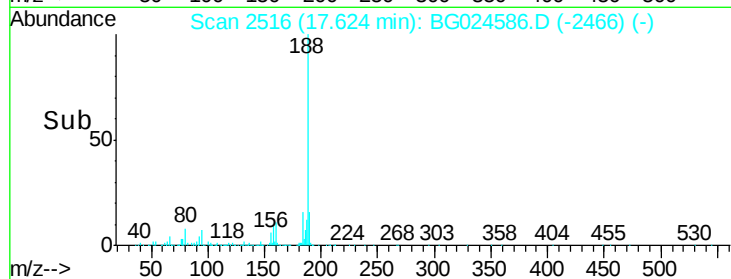
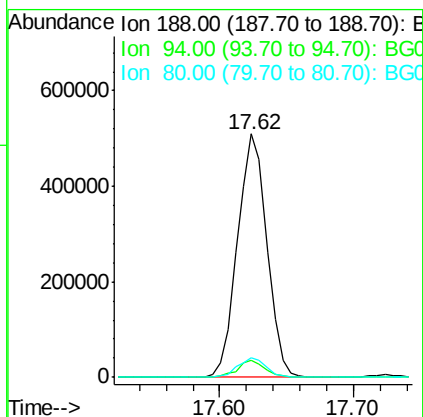
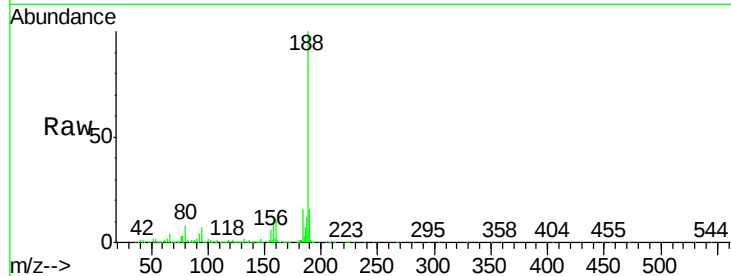




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024586.D
Acq: 1 Nov 2016 10:50

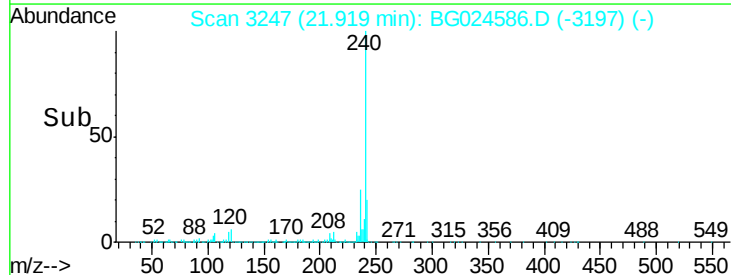
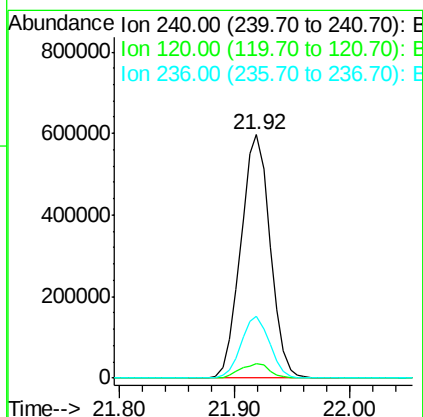
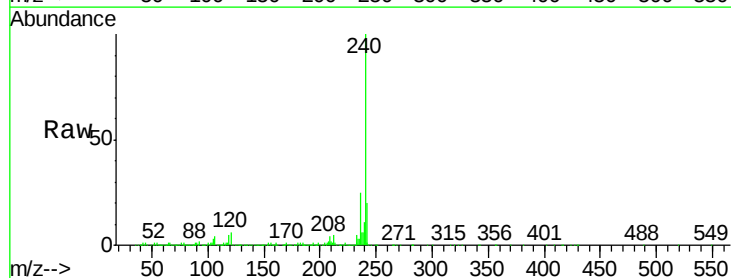
Instrument :
BNA_G
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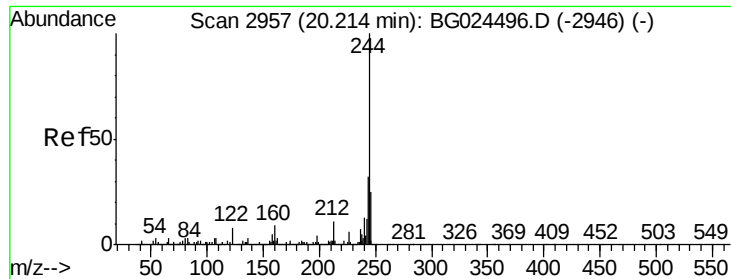
Tgt Ion:188 Resp: 777888
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 8.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024586.D
Acq: 1 Nov 2016 10:50

Tgt Ion:240 Resp: 1053957
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 25.5 22.2 33.4

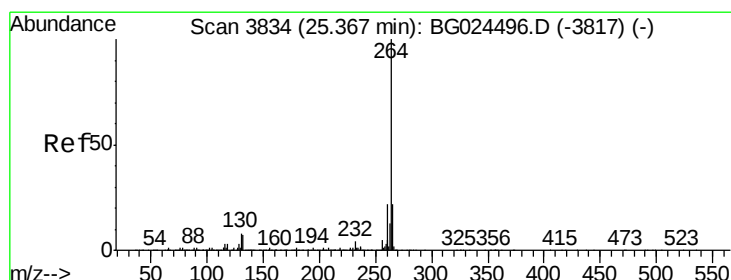
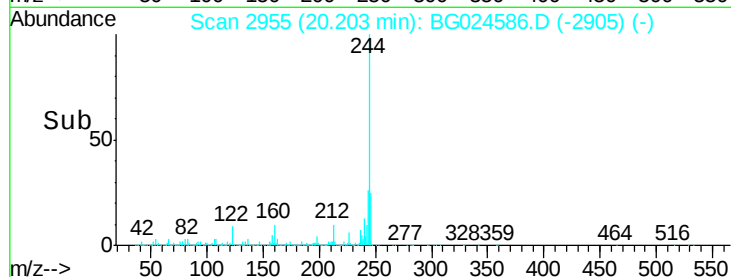
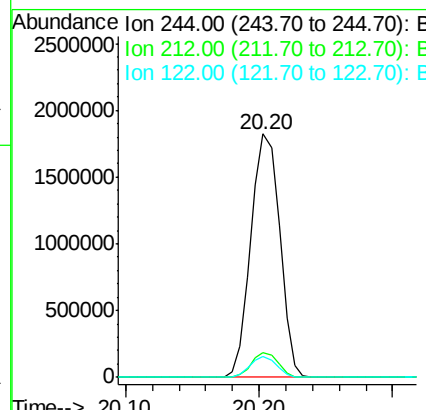
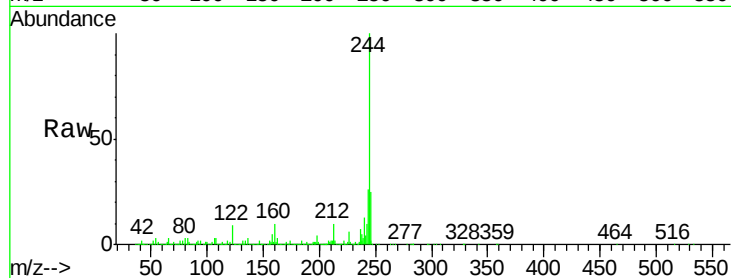




#78
 Terphenyl-d14
 Concen: 77.32 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024586.D
 Acq: 1 Nov 2016 10:50

Instrument :
 BNA_G
 ClientSampleId :
 RPC-B3

Tgt Ion:244 Resp: 2727099
 Ion Ratio Lower Upper
 244 100
 212 10.2 10.0 15.0
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.01 min
 Lab File: BG024586.D
 Acq: 1 Nov 2016 10:50

Tgt Ion:264 Resp: 1098595
 Ion Ratio Lower Upper
 264 100
 260 22.9 21.8 32.8
 265 21.9 18.2 27.4

