

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020886.D
 Acq On : 12 Feb 2016 10:27
 Operator : SJ/UM
 Sample : H1408-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 11:20:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

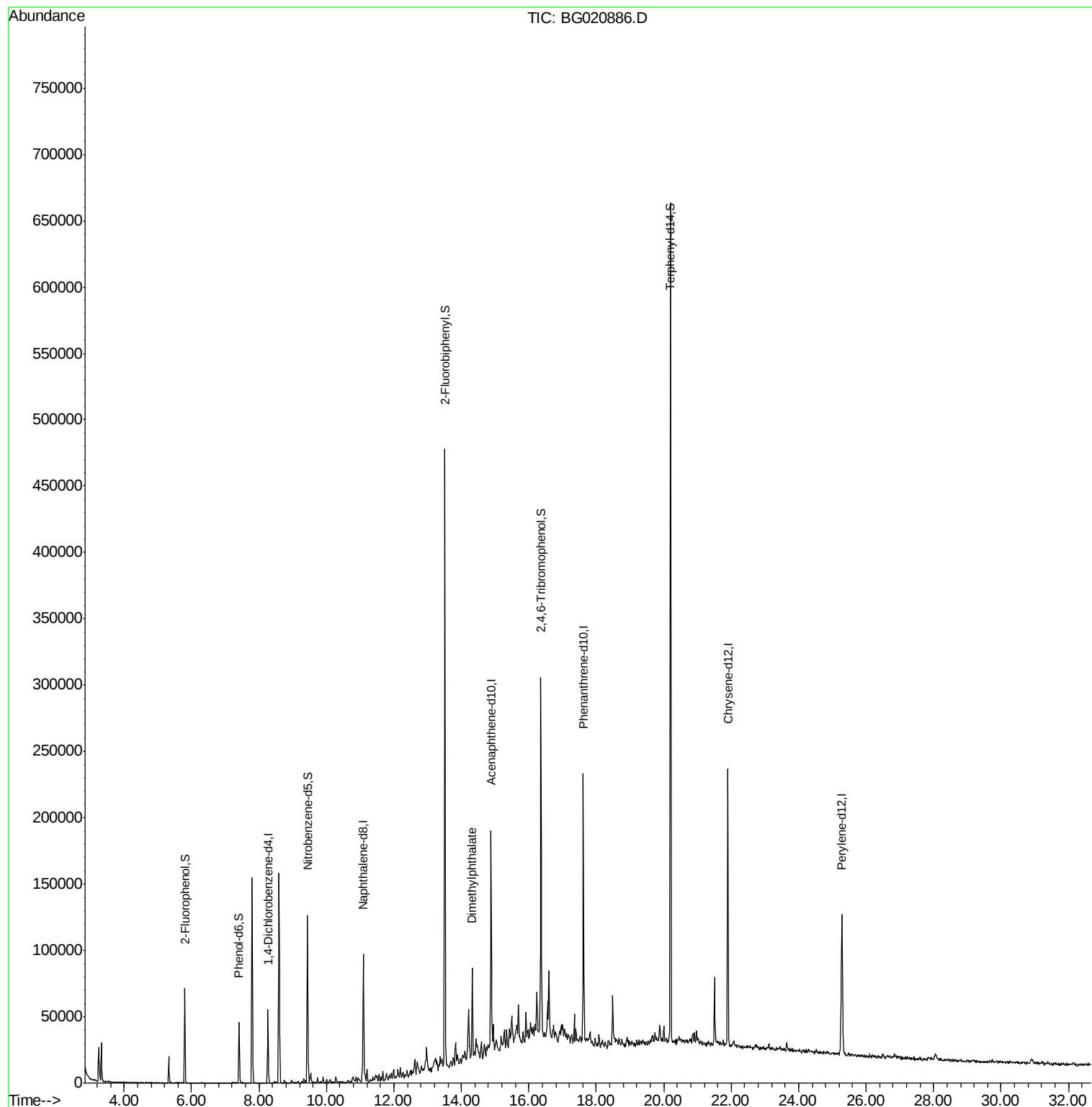
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	17924	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	89646	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	57895	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	119053	20.00	ng	0.00
75) Chrysene-d12	21.90	240	111547	20.00	ng	0.00
86) Perylene-d12	25.28	264	105722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	39700	37.30	ng	0.00
7) Phenol-d6	7.41	99	34313	22.06	ng	0.00
23) Nitrobenzene-d5	9.44	82	85878	62.99	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	50897	89.40	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	239666	58.15	ng	0.00
78) Terphenyl-d14	20.20	244	265347	55.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	48017	10.61	ng	Qvalue 99

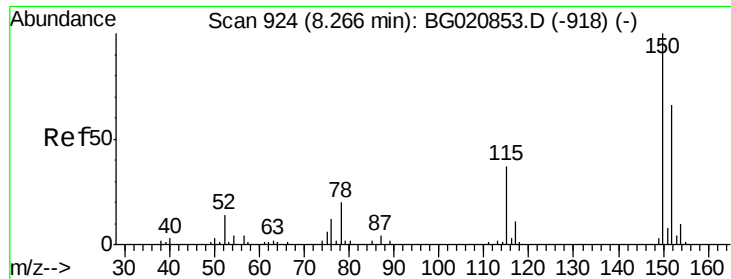
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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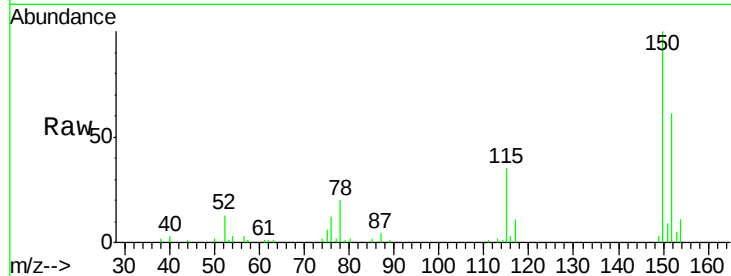


#1

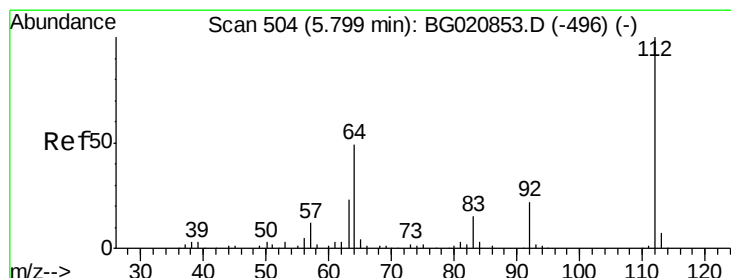
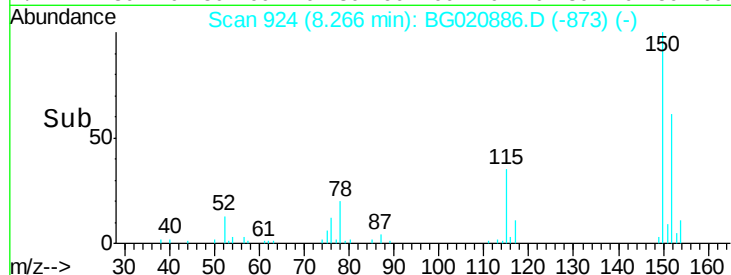
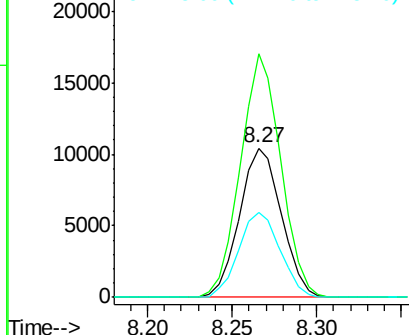
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020886.D
Acq: 12 Feb 2016 10:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 17924
Ion Ratio Lower Upper
152 100
150 163.2 122.0 183.0
115 56.6 45.2 67.8



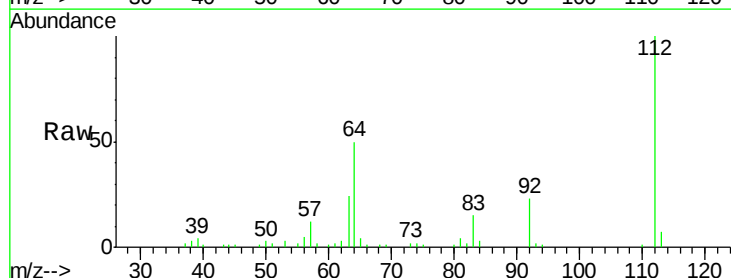
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



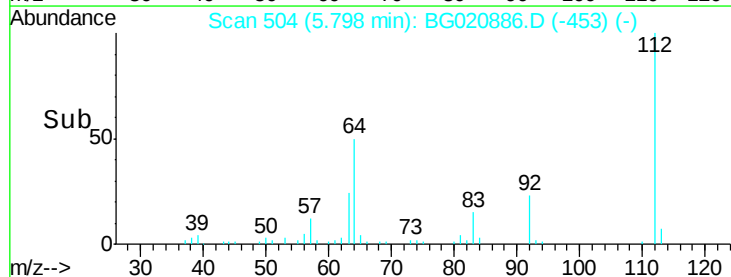
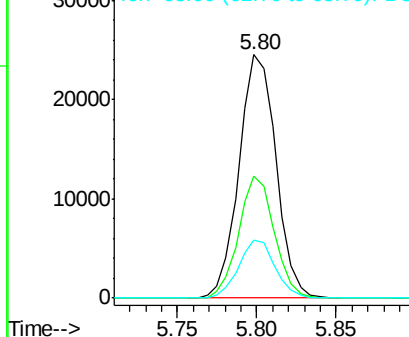
#5

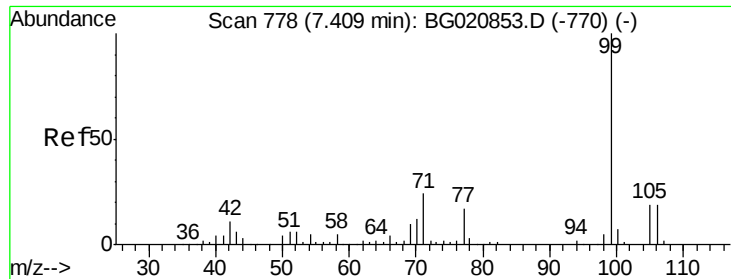
2-Fluorophenol
Concen: 37.30 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020886.D
Acq: 12 Feb 2016 10:27

Tgt Ion:112 Resp: 39700
Ion Ratio Lower Upper
112 100
64 50.4 39.3 58.9
63 23.6 18.2 27.4



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: 22.06 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020886.D

Acq: 12 Feb 2016 10:27

Instrument :

BNA_G

ClientSampled :

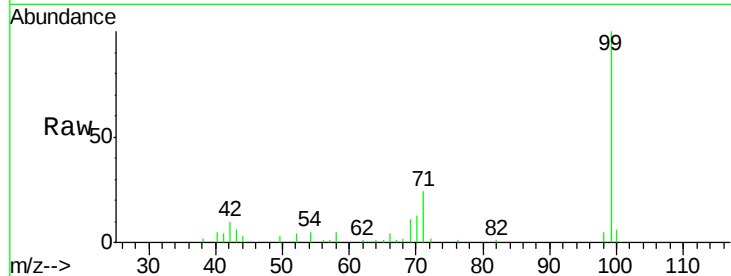
Tot Ion: 99 Resp: 34313

Ion Ratio Lower Upper

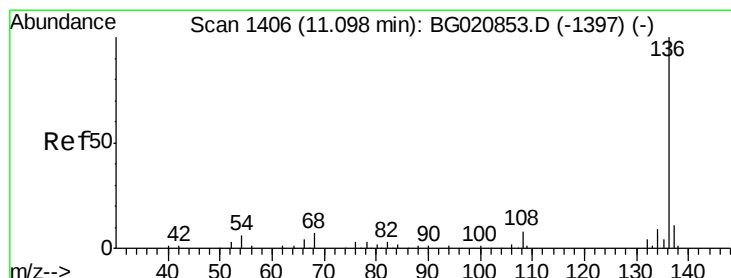
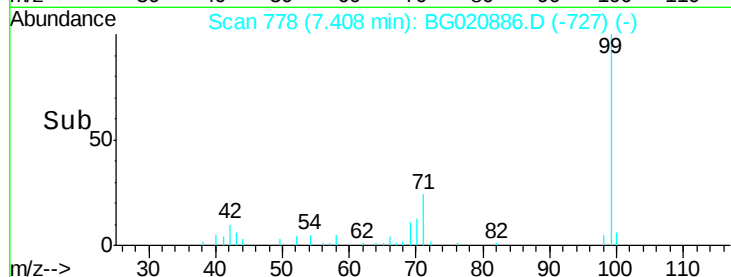
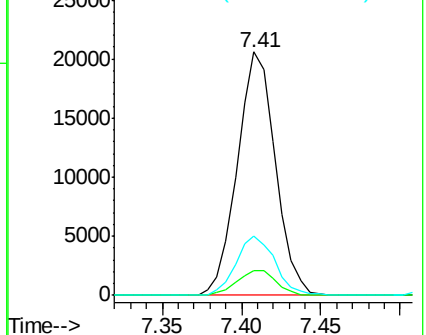
99 100

42 10.3 8.4 12.6

71 24.4 19.4 29.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG020886.D

Acq: 12 Feb 2016 10:27

Tgt Ion: 136 Resp: 89646

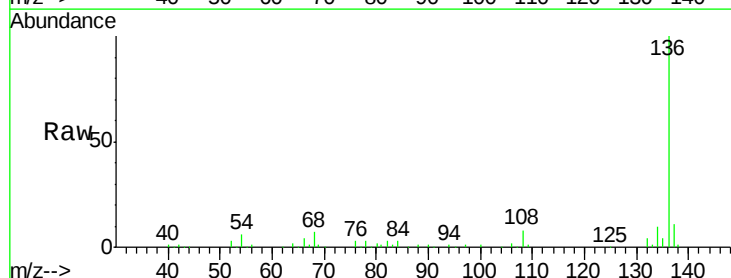
Ion Ratio Lower Upper

136 100

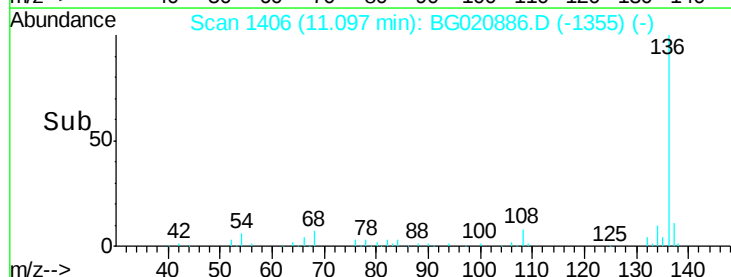
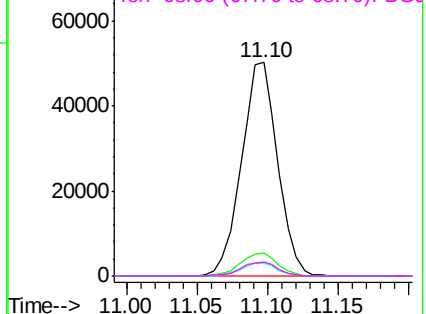
137 10.7 8.8 13.2

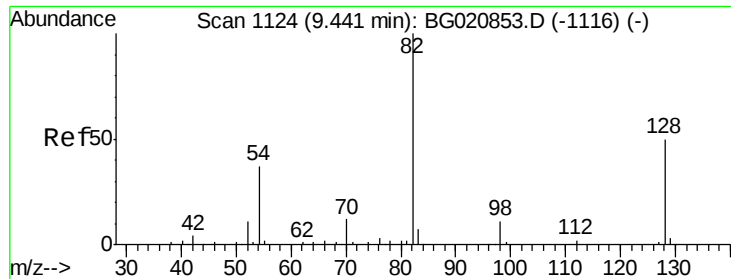
54 6.1 5.0 7.4

68 6.6 5.2 7.8



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

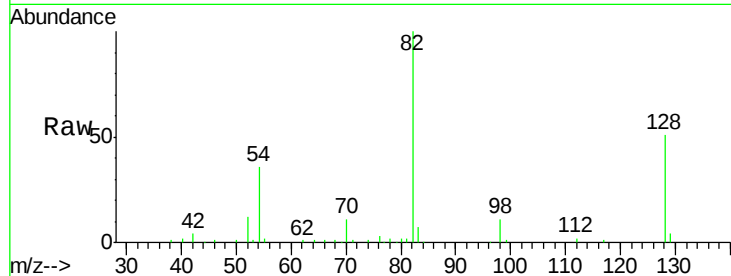




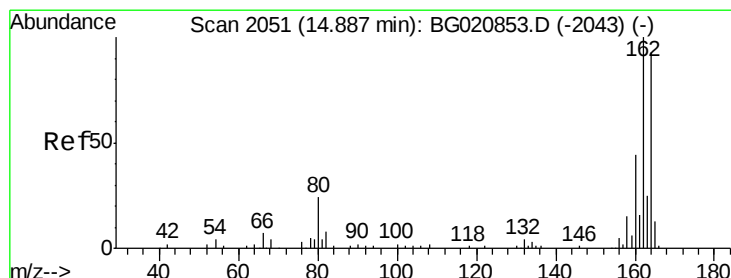
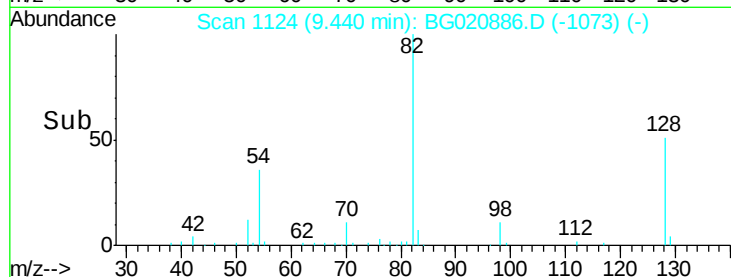
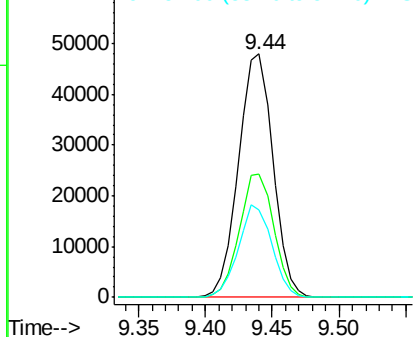
#23
 Nitrobenzene-d5
 Concen: 62.99 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG020886.D
 Acq: 12 Feb 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 85878
 Ion Ratio Lower Upper
 82 100
 128 50.5 40.1 60.1
 54 35.9 29.5 44.3

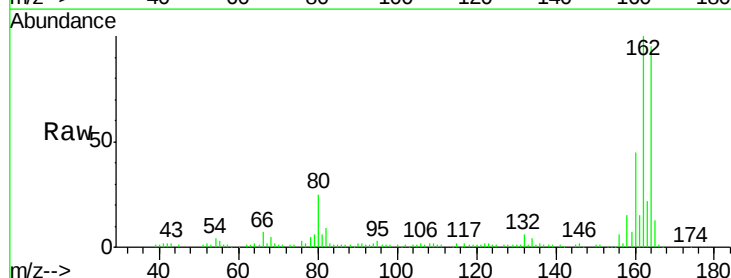


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

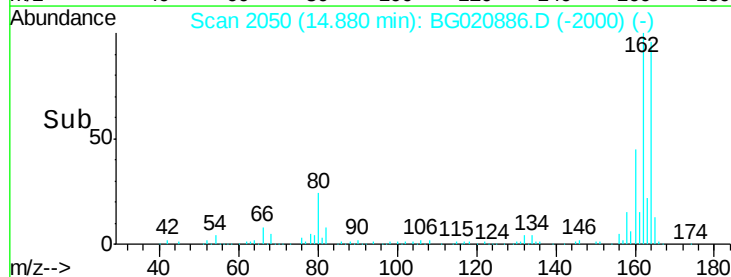
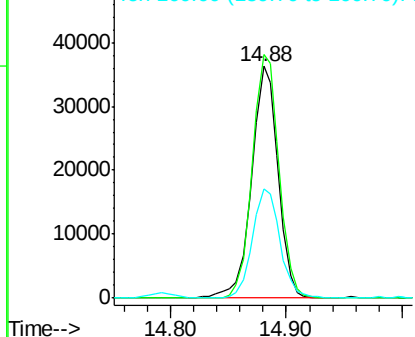


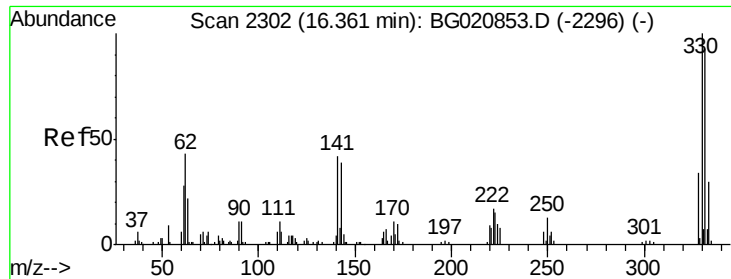
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020886.D
 Acq: 12 Feb 2016 10:27

Tgt Ion:164 Resp: 57895
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.7 128.5
 160 47.2 37.4 56.0



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





#41

2,4,6-Tribromophenol

Concen: 89.40 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020886.D

Acq: 12 Feb 2016 10:27

Instrument :

BNA_G

ClientSampleId :

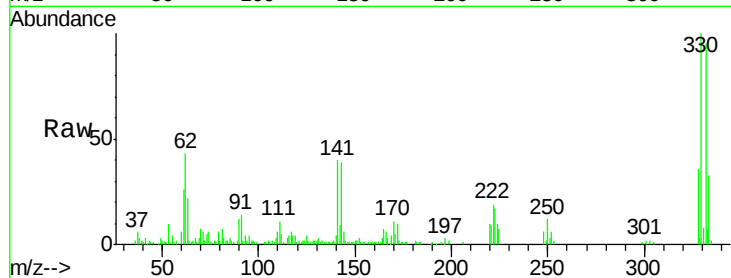
Tot Ion:330 Resp: 50897

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

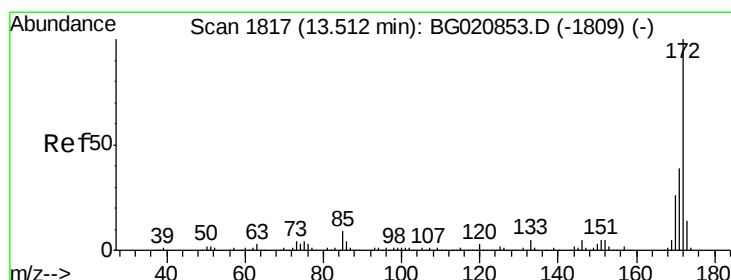
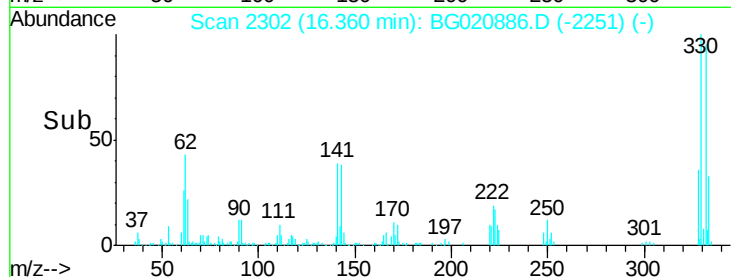
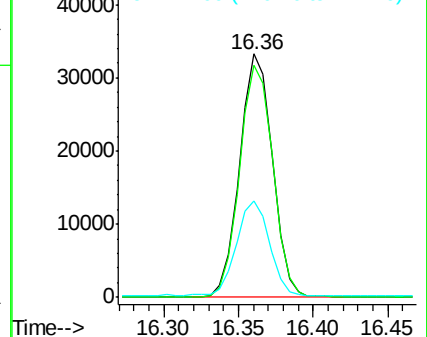
141 39.6 32.0 48.0



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: 58.15 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG020886.D

Acq: 12 Feb 2016 10:27

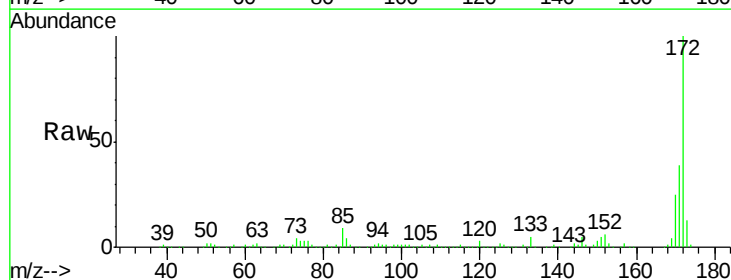
Tgt Ion:172 Resp: 239666

Ion Ratio Lower Upper

172 100

171 38.8 31.2 46.8

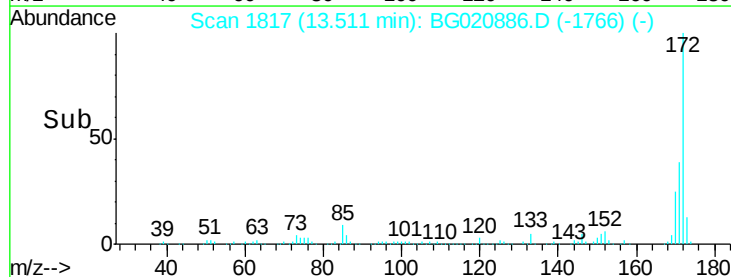
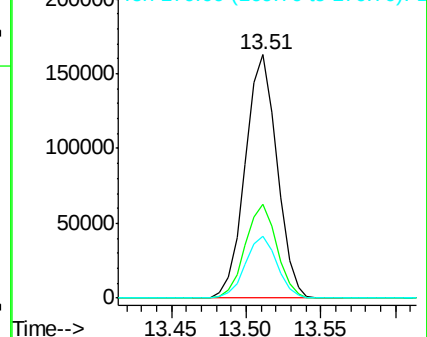
170 25.3 20.6 30.8

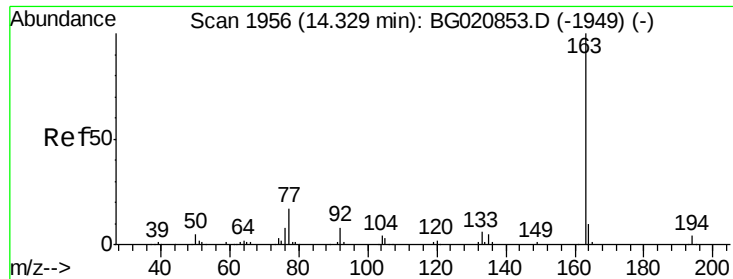


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.61 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020886.D

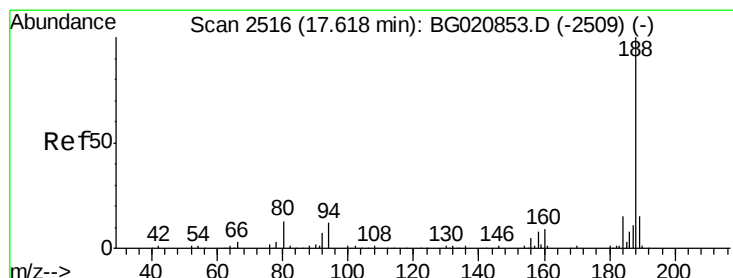
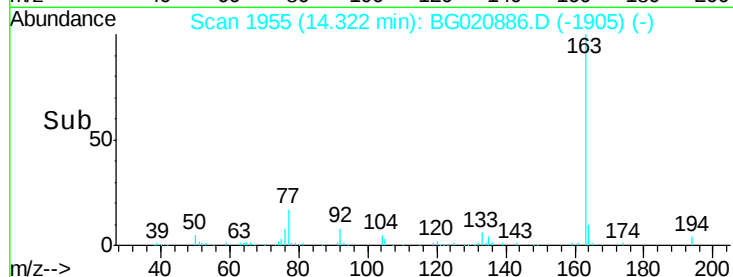
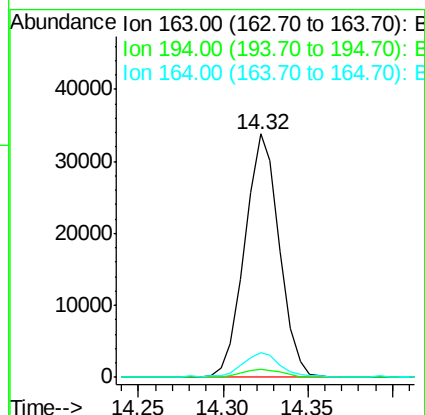
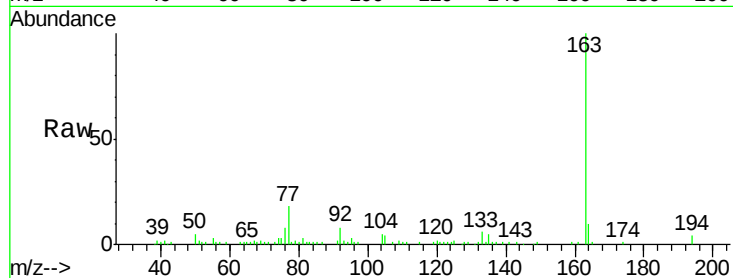
Acq: 12 Feb 2016 10:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	48017
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.1 4.7
164	10.2	8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

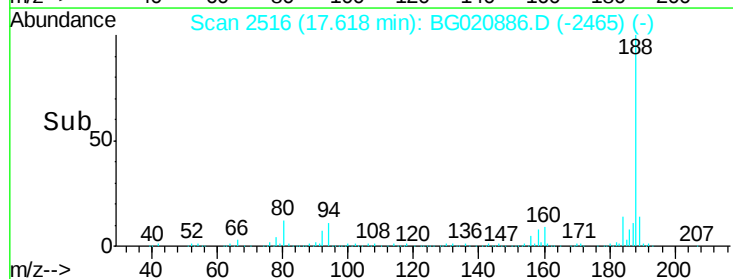
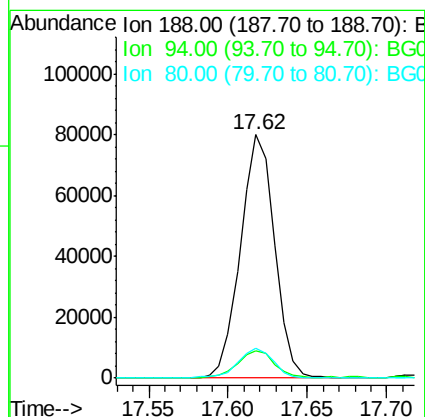
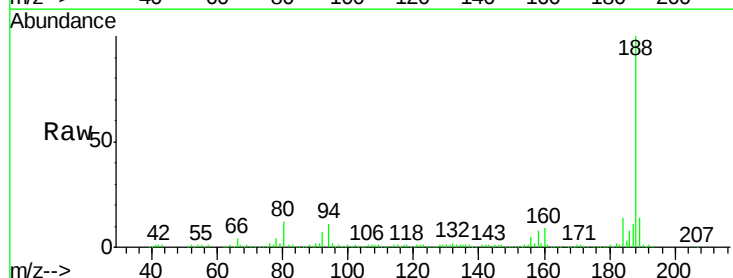
RT: 17.62 min Scan# 2516

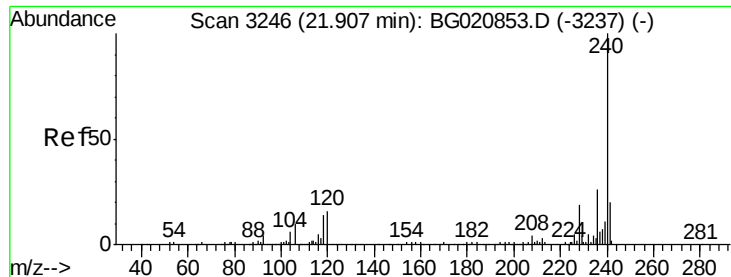
Delta R.T. -0.00 min

Lab File: BG020886.D

Acq: 12 Feb 2016 10:27

Tgt Ion:188	Resp:	119053
Ion Ratio	Lower	Upper
188	100	
94	11.0	9.4 14.0
80	12.4	10.2 15.4

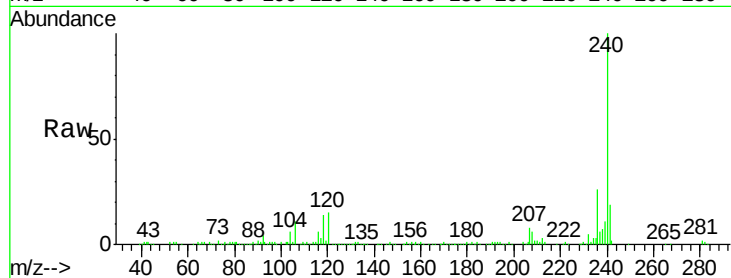




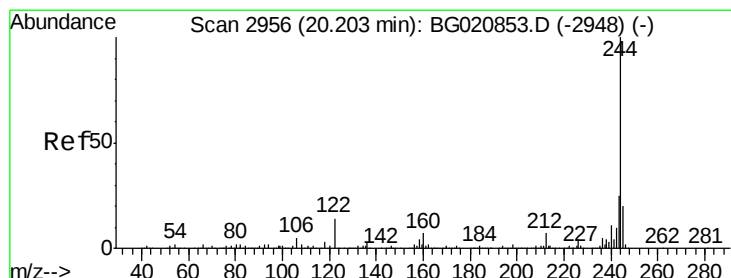
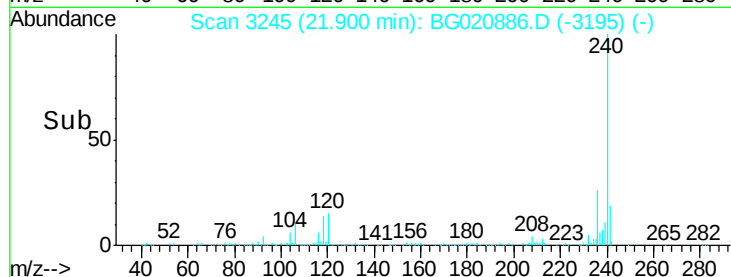
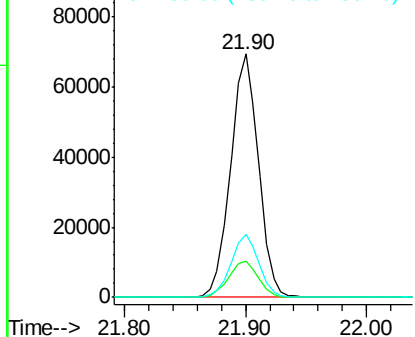
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BG020886.D
Acq: 12 Feb 2016 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 111547
Ion Ratio Lower Upper
240 100
120 14.8 13.0 19.4
236 26.0 21.0 31.4

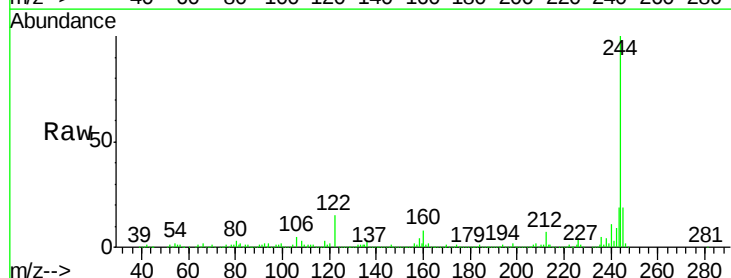


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

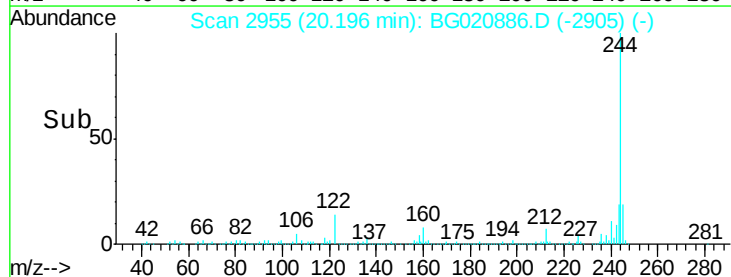
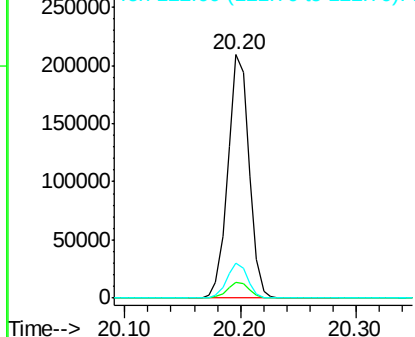


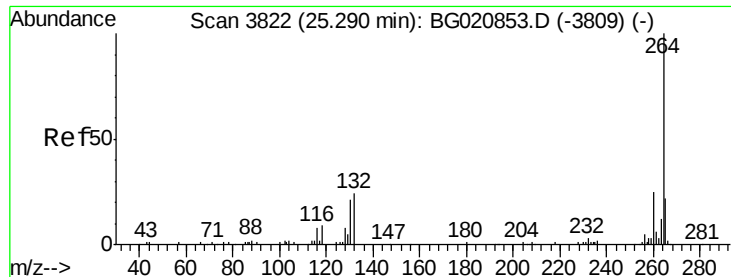
#78
Terphenyl-d14
Concen: 55.49 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG020886.D
Acq: 12 Feb 2016 10:27

Tgt Ion:244 Resp: 265347
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 14.5 11.4 17.2



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

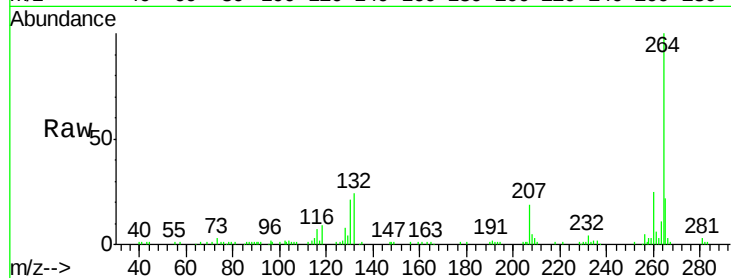




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG020886.D
 Acq: 12 Feb 2016 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.8	18.0	27.0



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

