

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020945.D
 Acq On : 18 Feb 2016 21:09
 Operator : SJ/UM
 Sample : H1450-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:17 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	8.26	152	17915	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	89074	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	58002	20.00	ng	-0.02
63) Phenanthrene-d10	17.60	188	131658	20.00	ng	-0.02
75) Chrysene-d12	21.88	240	120938	20.00	ng	-0.03
86) Perylene-d12	25.25	264	113845	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	66433	62.45	ng	0.00
7) Phenol-d6	7.40	99	57181	36.78	ng	0.00
23) Nitrobenzene-d5	9.43	82	131604	97.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.35	330	93781	164.42	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	387247	93.78	ng	0.00
78) Terphenyl-d14	20.19	244	513089	98.97	ng	-0.02

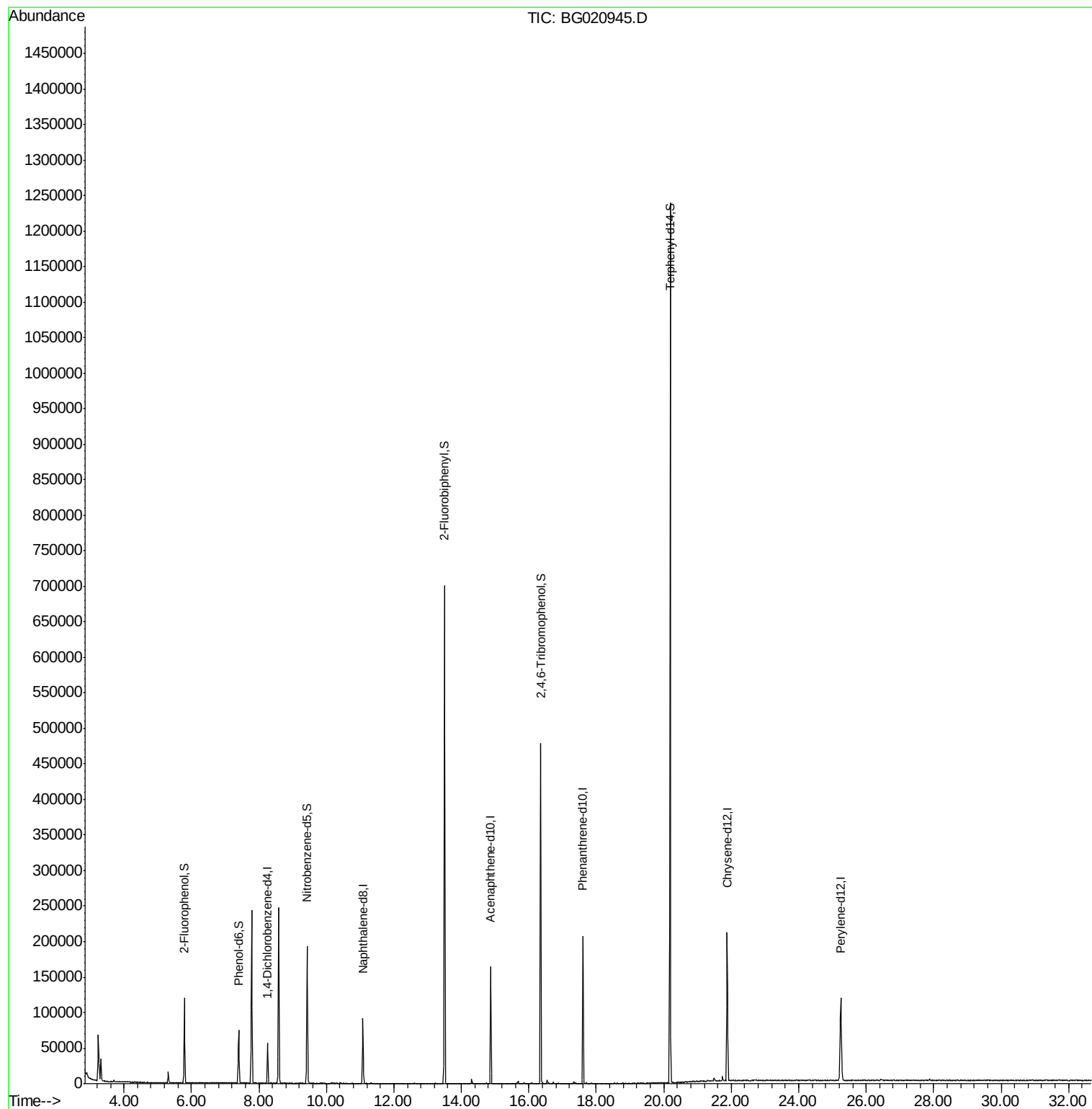
Target Compounds Qvalue

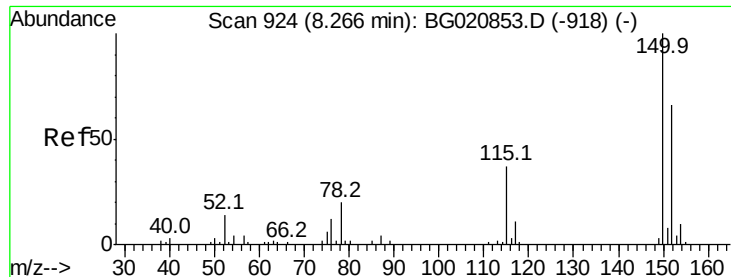
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

Instrument :

BNA_G

ClientSampleId :

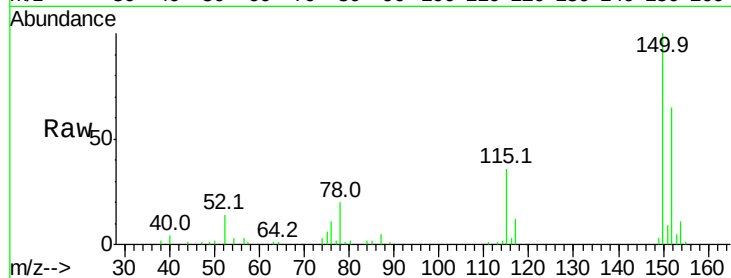
Tot Ion:152 Resp: 17915

Ion Ratio Lower Upper

152 100

150 153.9 122.0 183.0

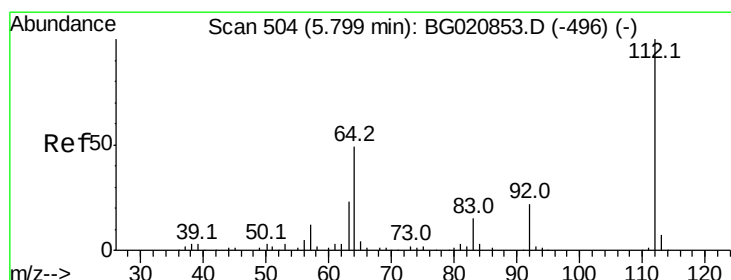
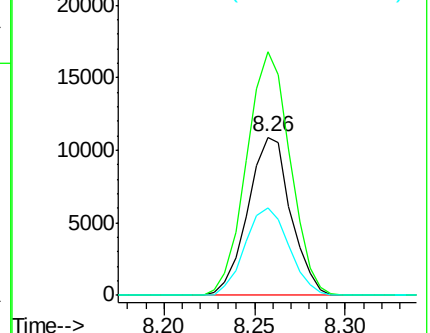
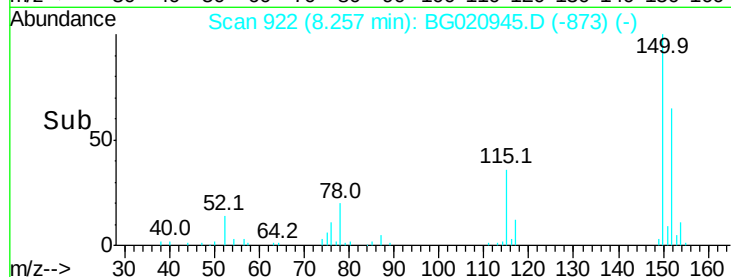
115 55.1 45.2 67.8



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: 62.45 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

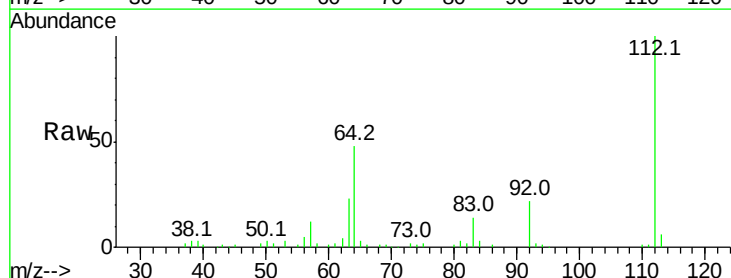
Tgt Ion:112 Resp: 66433

Ion Ratio Lower Upper

112 100

64 47.9 39.3 58.9

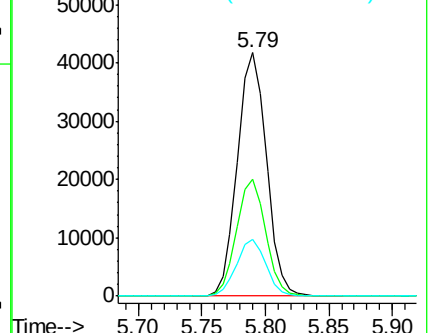
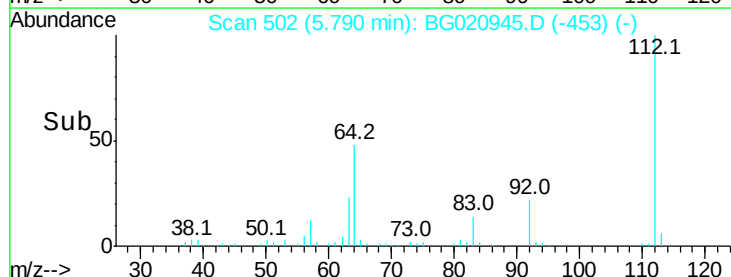
63 23.4 18.2 27.4

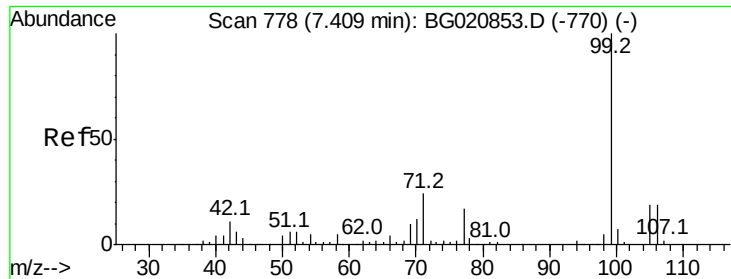


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.78 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

Instrument :

BNA_G

ClientSampleId :

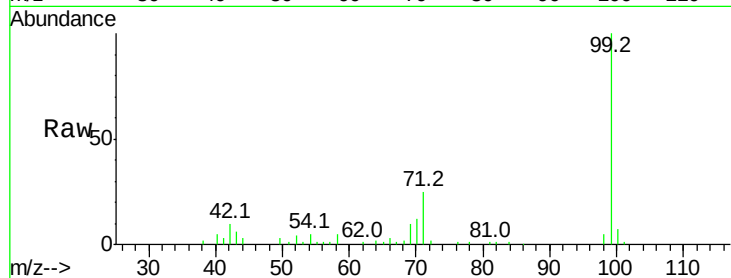
Tot Ion: 99 Resp: 57181

Ion Ratio Lower Upper

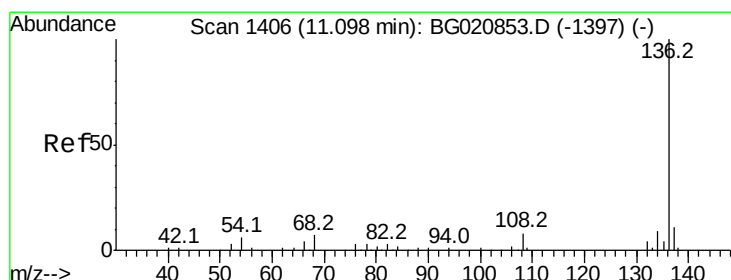
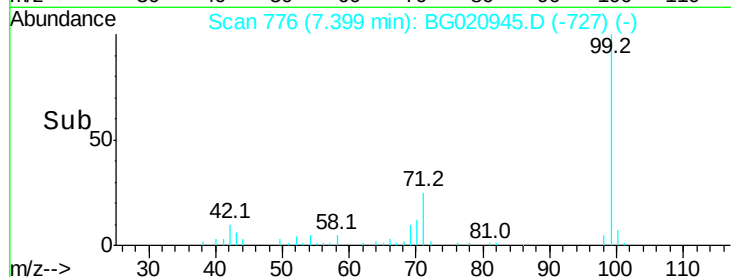
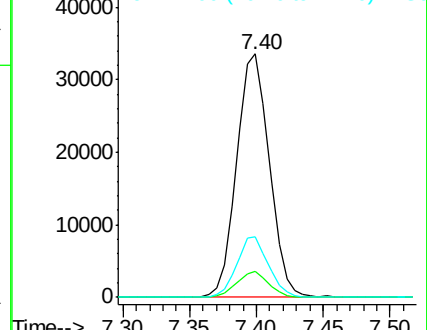
99 100

42 10.5 8.4 12.6

71 24.8 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: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

Tgt Ion: 136 Resp: 89074

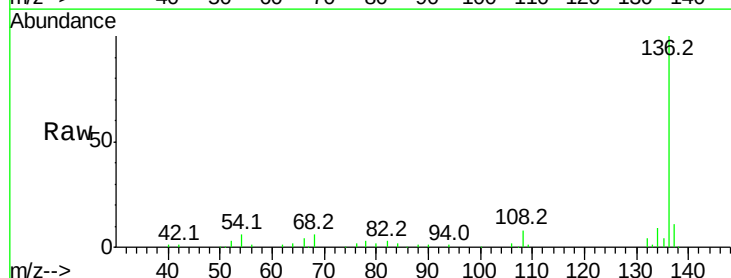
Ion Ratio Lower Upper

136 100

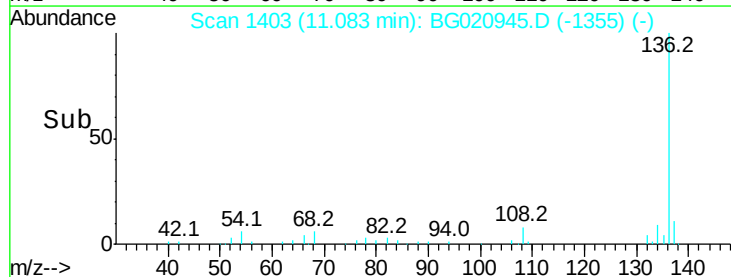
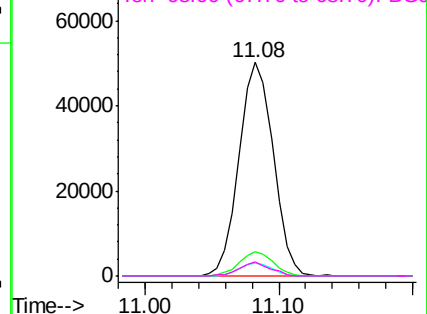
137 11.2 8.8 13.2

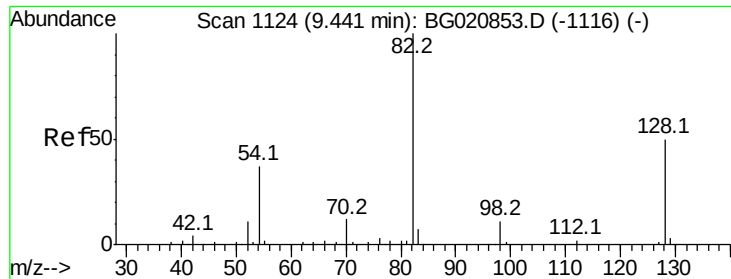
54 5.7 5.0 7.4

68 6.5 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

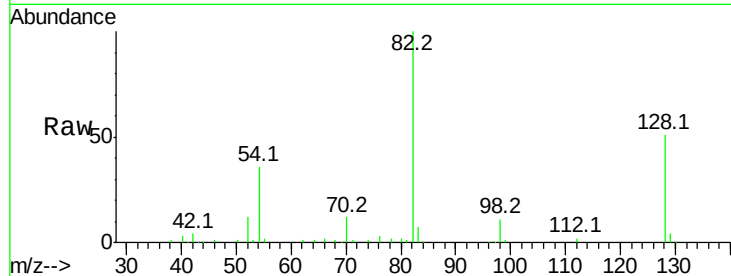




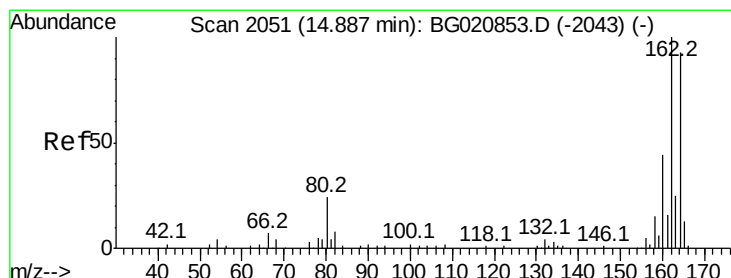
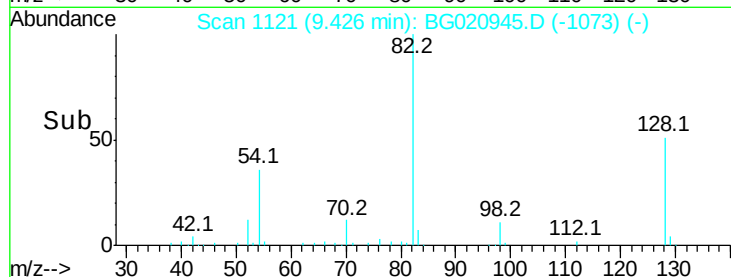
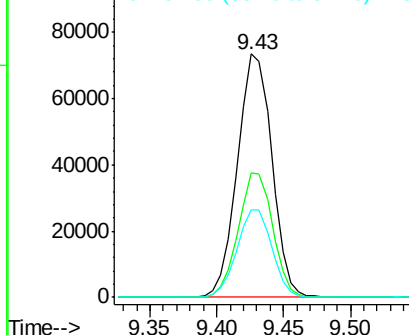
#23
 Nitrobenzene-d5
 Concen: 97.14 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BG020945.D
 Acq: 18 Feb 2016 21:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	131604
Ion Ratio	100	Lower	Upper
128	51.0	40.1	60.1
54	36.1	29.5	44.3

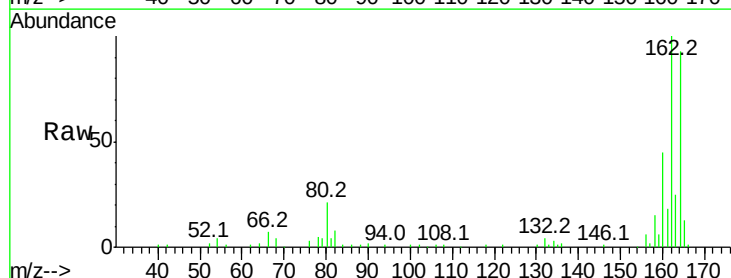


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

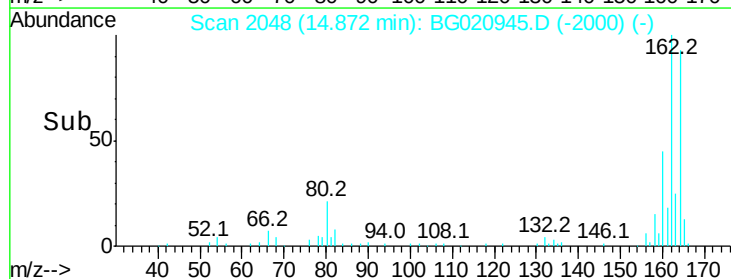
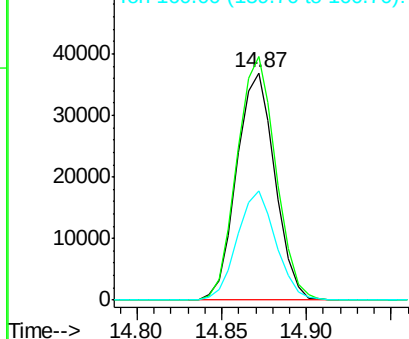


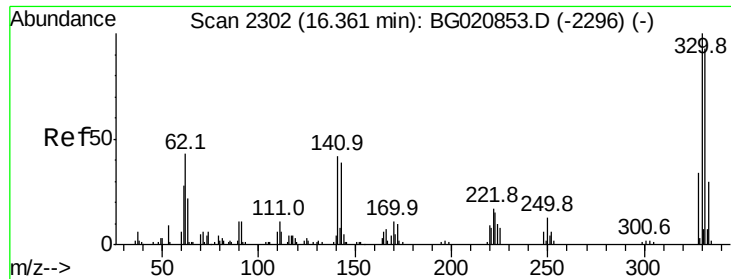
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020945.D
 Acq: 18 Feb 2016 21:09

Tgt Ion	164	Resp	58002
Ion Ratio	100	Lower	Upper
162	107.0	85.7	128.5
160	47.8	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

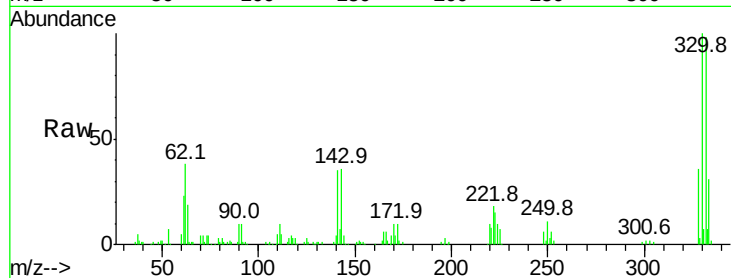




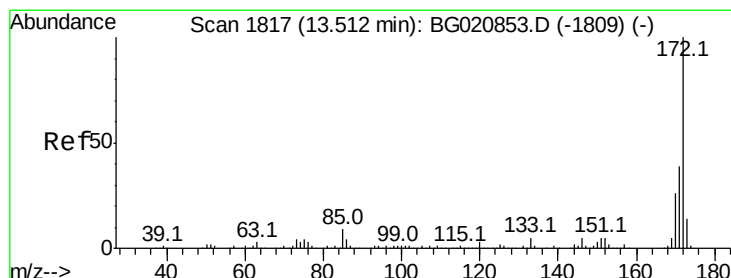
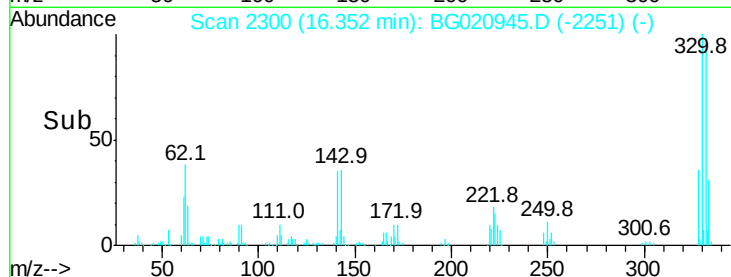
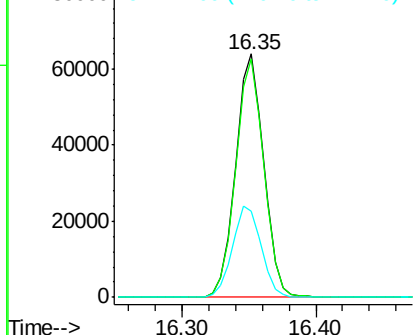
#41
 2,4,6-Tribromophenol
 Concen: 164.42 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020945.D
 Acq: 18 Feb 2016 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 93781
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.1 114.1
 141 38.2 32.0 48.0

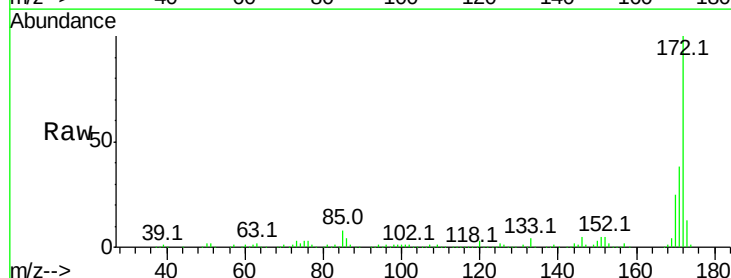


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

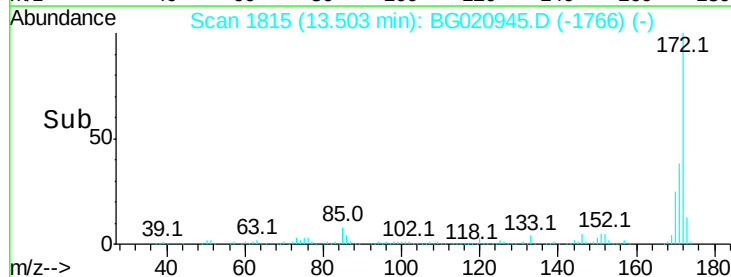
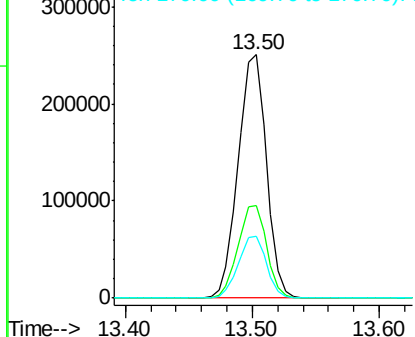


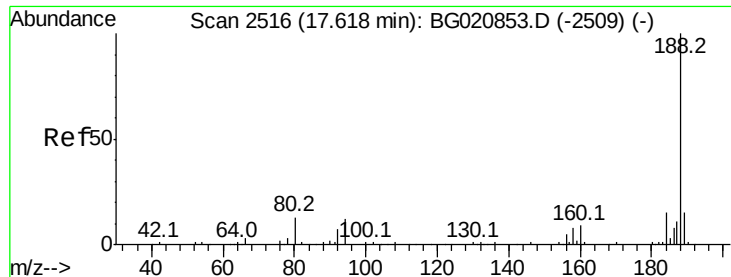
#44
 2-Fluorobiphenyl
 Concen: 93.78 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020945.D
 Acq: 18 Feb 2016 21:09

Tgt Ion:172 Resp: 387247
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.2 46.8
 170 25.2 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

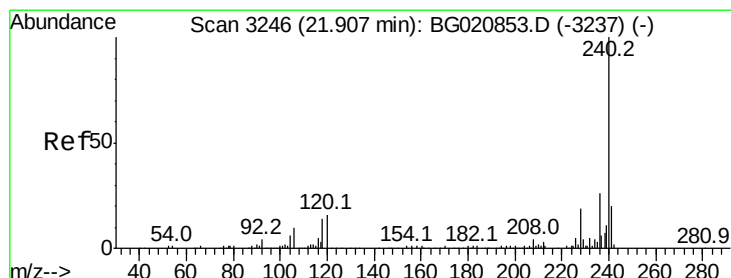
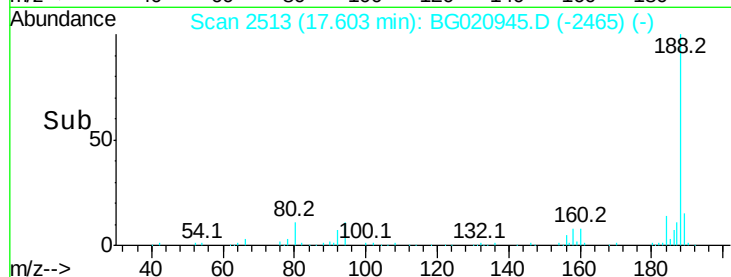
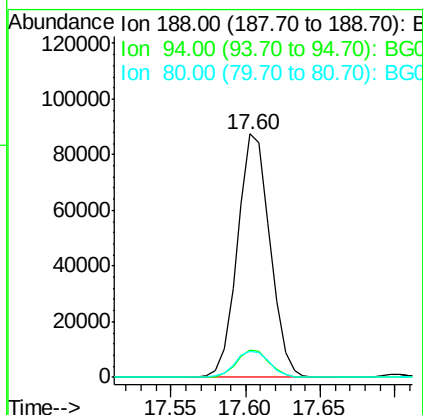
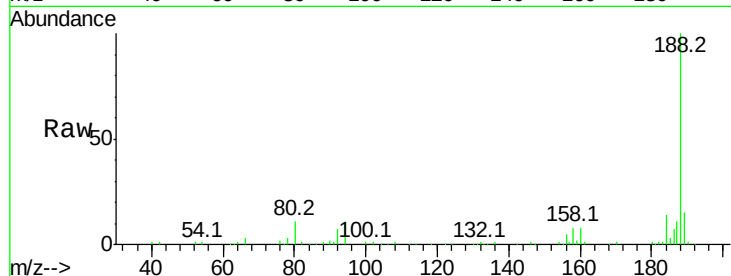




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

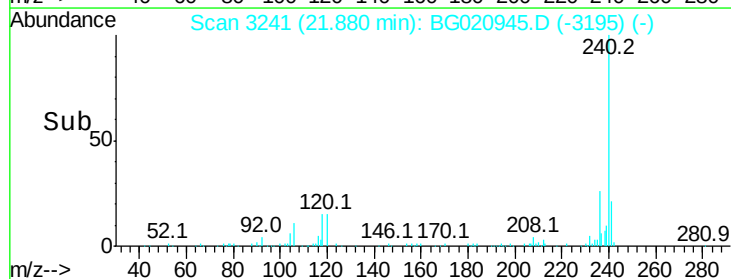
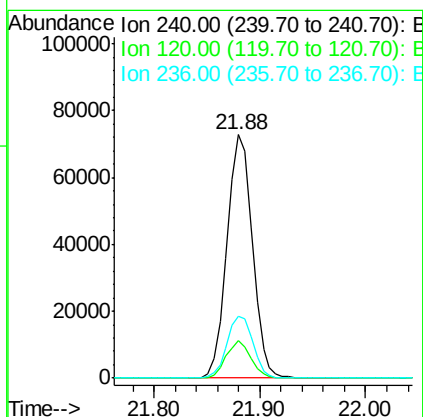
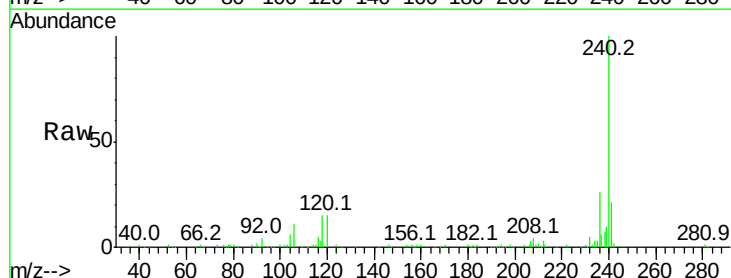
Instrument :
BNA_G
ClientSampleId :

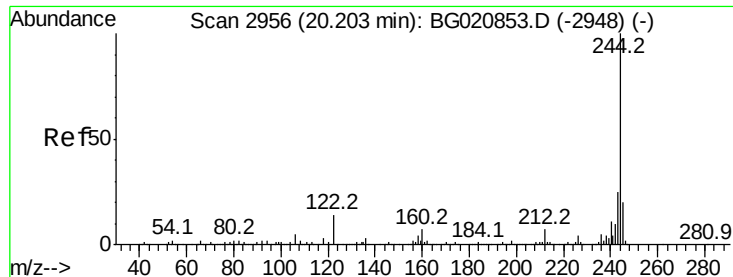
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.0
80	10.8	10.2	15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.03 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	13.0	19.4
236	25.6	21.0	31.4





#78

Terphenyl-d14

Concen: 98.97 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

Instrument :

BNA_G

ClientSampleId :

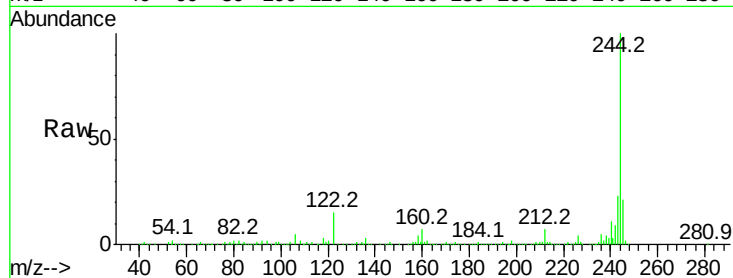
Tot Ion:244 Resp: 513089

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

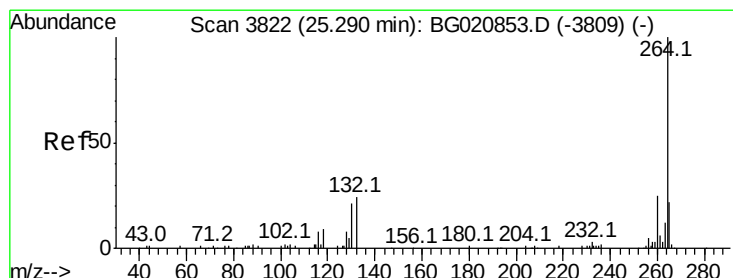
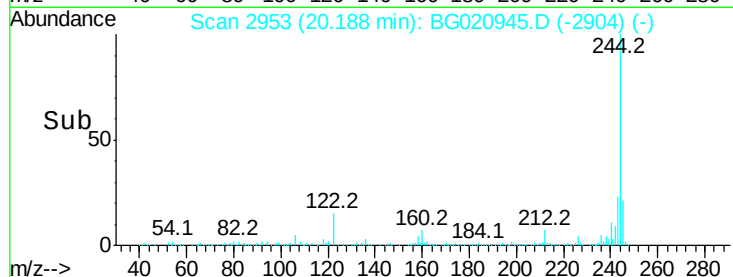
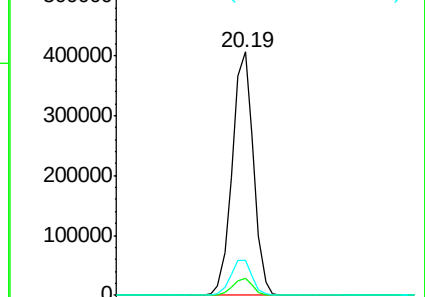
122 14.6 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. -0.04 min

Lab File: BG020945.D

Acq: 18 Feb 2016 21:09

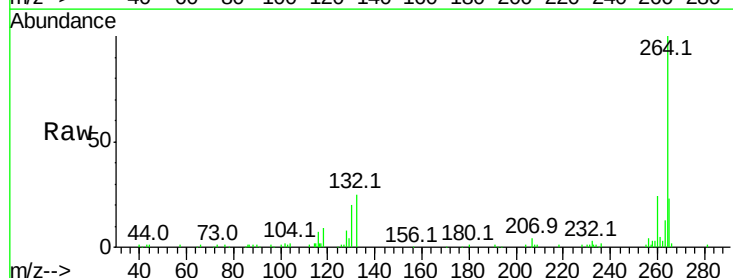
Tgt Ion:264 Resp: 113845

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 22.6 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

