

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019874.D
 Acq On : 3 Dec 2015 17:27
 Operator : UM/NP
 Sample : G4617-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-09

Quant Time: Dec 04 03:06:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29070	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	130258	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	95564	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	241633	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	301786	20.00	ng	-0.02
86) Perylene-d12	25.07	264	287215	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	99479	61.85	ng	0.00
7) Phenol-d6	7.26	99	90243	37.16	ng	-0.01
23) Nitrobenzene-d5	9.29	82	224932	88.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	187485	128.22	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	574578	82.10	ng	-0.01
78) Terphenyl-d14	20.10	244	958244	77.45	ng	0.00

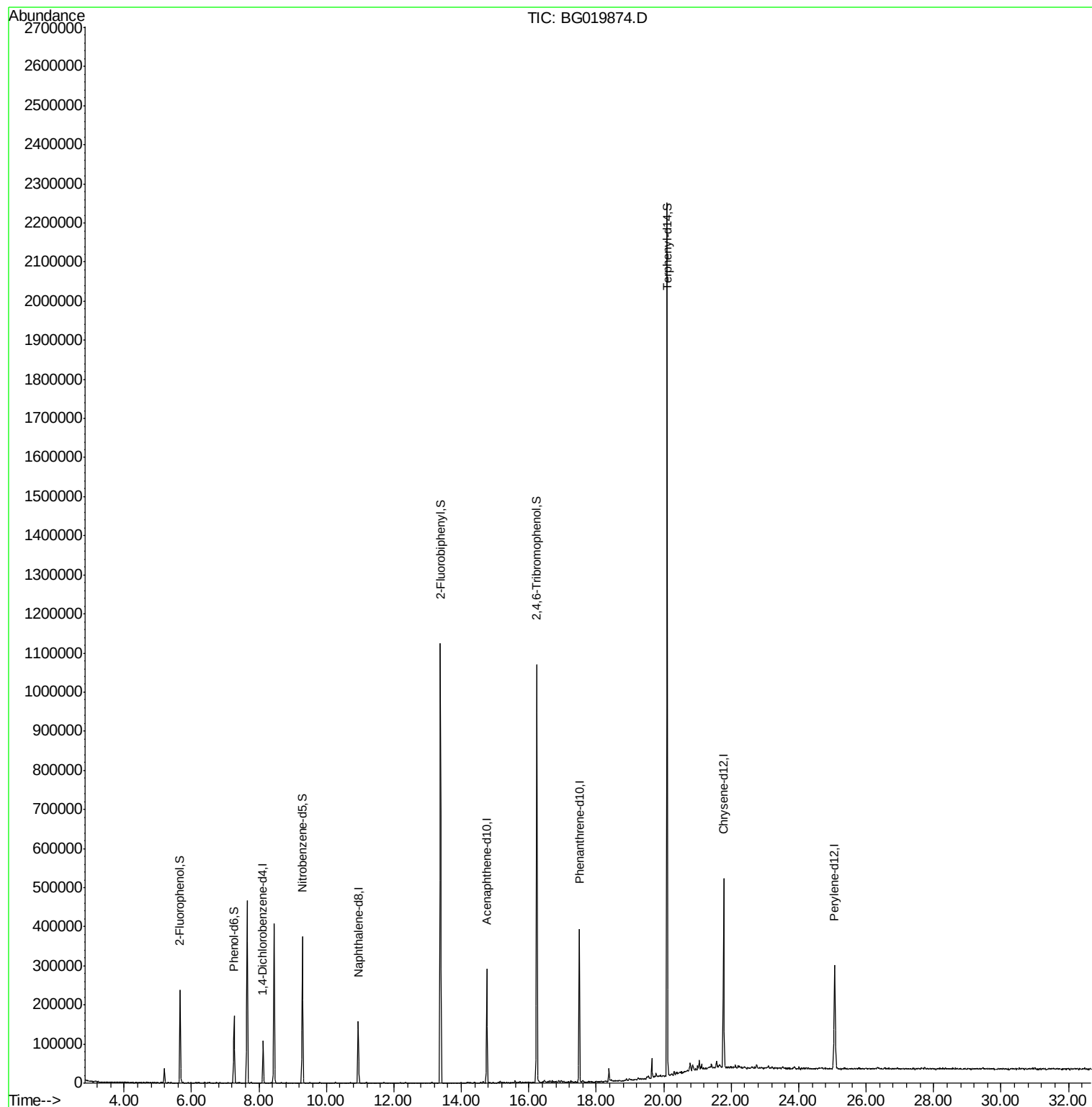
Target Compounds Qvalue

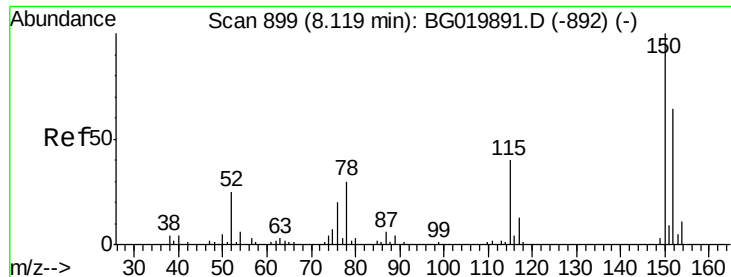
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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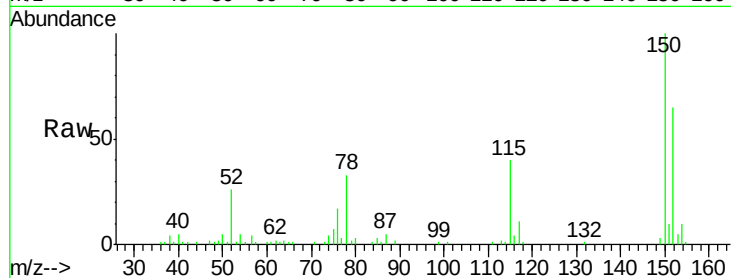


#1

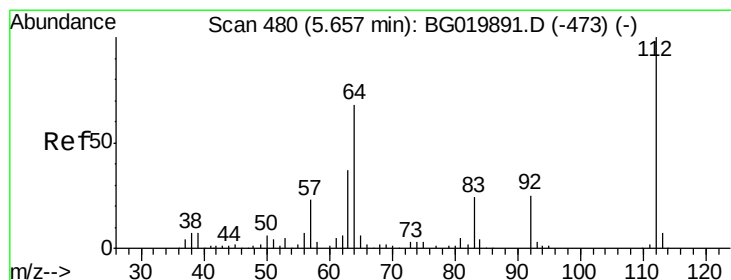
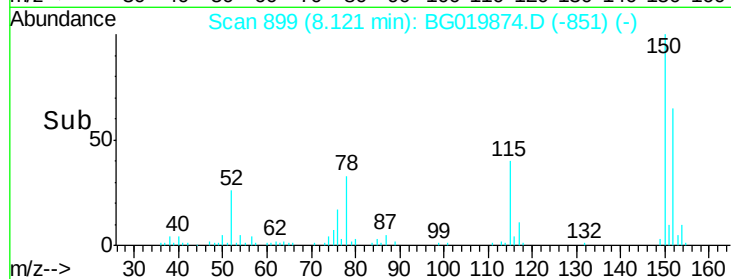
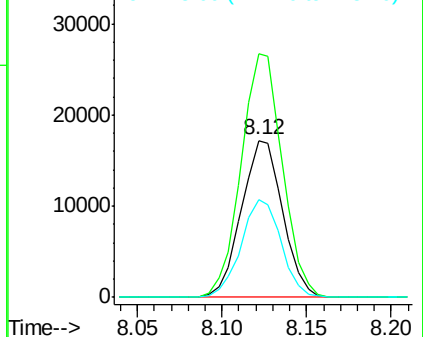
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019874.D
Acq: 3 Dec 2015 17:27

Instrument :
BNA_G
ClientSampleId :
TW-09

Tot Ion:152 Resp: 29070
Ion Ratio Lower Upper
152 100
150 155.0 115.0 172.4
115 62.0 43.9 65.9



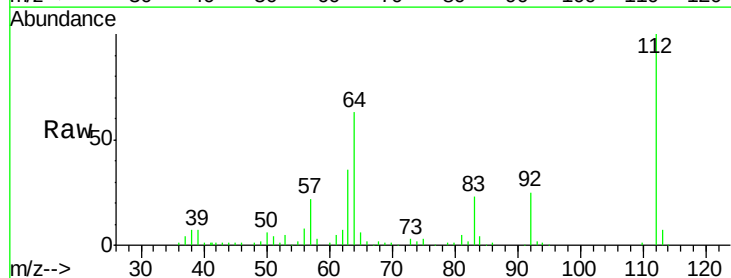
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



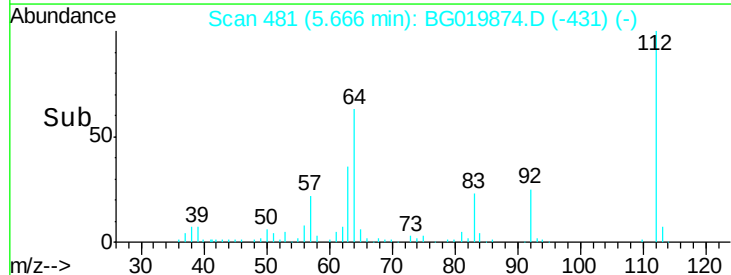
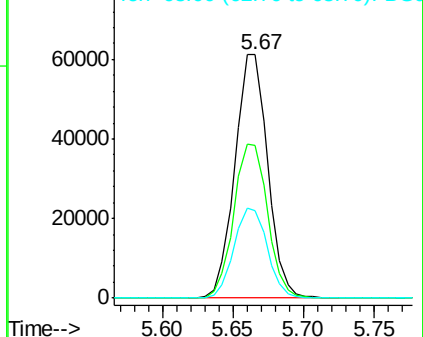
#5

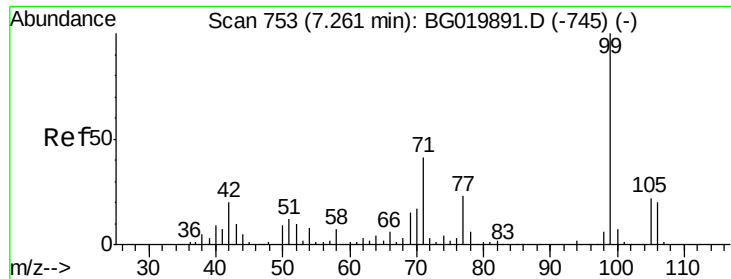
2-Fluorophenol
Concen: 61.85 ng
RT: 5.67 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG019874.D
Acq: 3 Dec 2015 17:27

Tgt Ion:112 Resp: 99479
Ion Ratio Lower Upper
112 100
64 62.9 43.7 65.5
63 35.9 24.0 36.0



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: 37.16 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019874.D

Acq: 3 Dec 2015 17:27

Instrument :

BNA_G

ClientSampleId :

TW-09

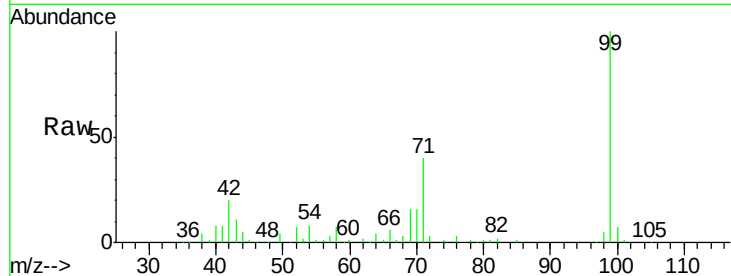
Tot Ion: 99 Resp: 90243

Ion Ratio Lower Upper

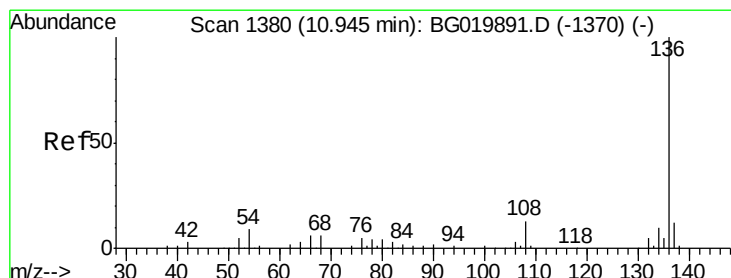
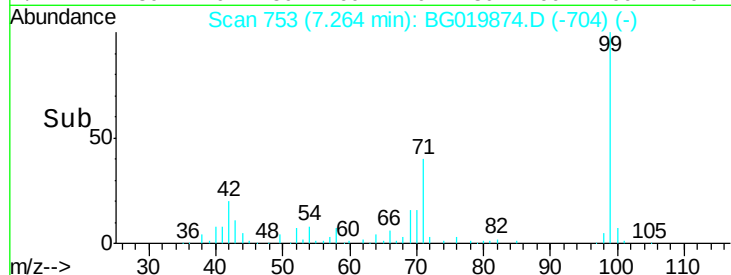
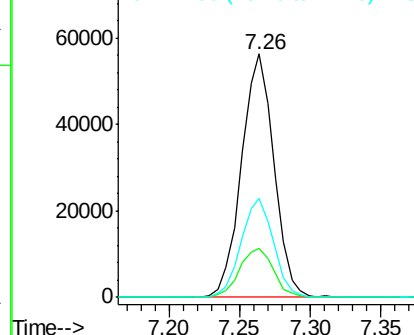
99 100

42 20.0 11.5 17.3#

71 40.5 22.6 34.0#



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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019874.D

Acq: 3 Dec 2015 17:27

Tgt Ion: 136 Resp: 130258

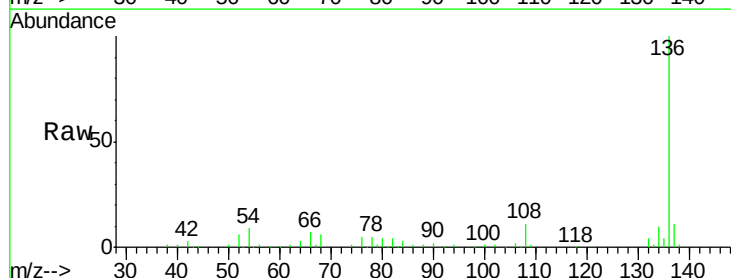
Ion Ratio Lower Upper

136 100

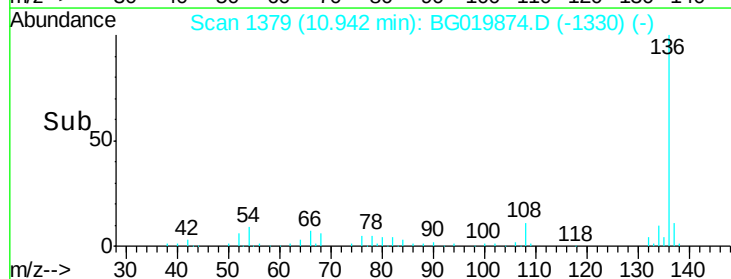
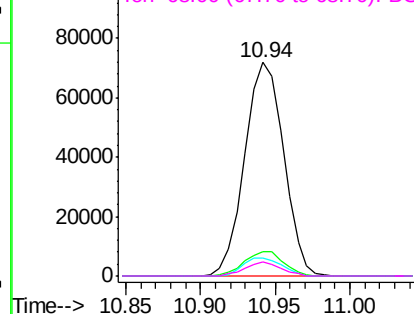
137 11.5 8.6 12.8

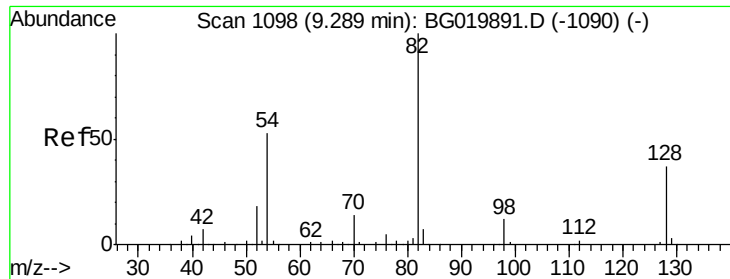
54 8.6 5.4 8.2#

68 6.4 5.3 7.9



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

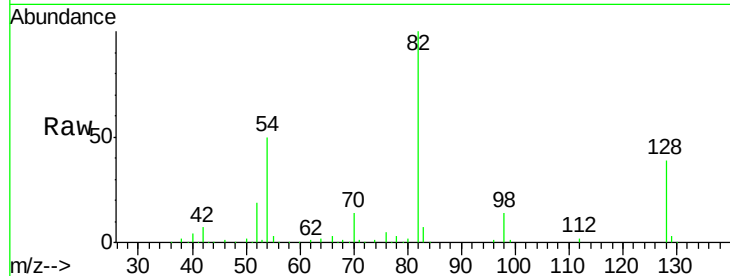




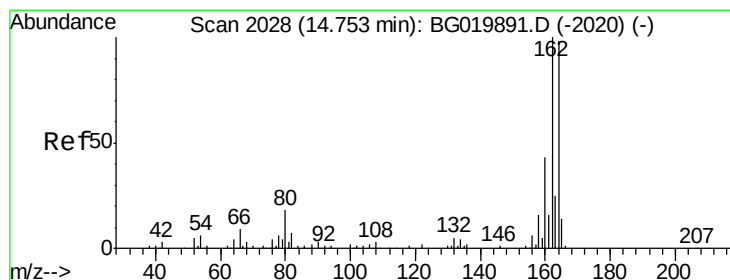
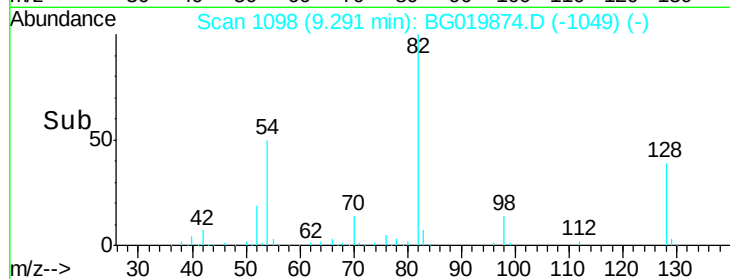
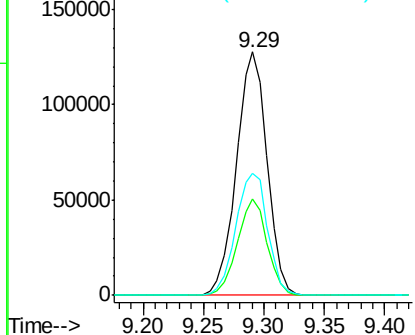
#23
 Nitrobenzene-d5
 Concen: 88.13 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

Instrument :
 BNA_G
 ClientSampled :
 TW-09

Tot Ion	82	Resp	224932
Ion Ratio	100	Lower	Upper
128	39.5	36.7	55.1
54	50.4	33.8	50.8

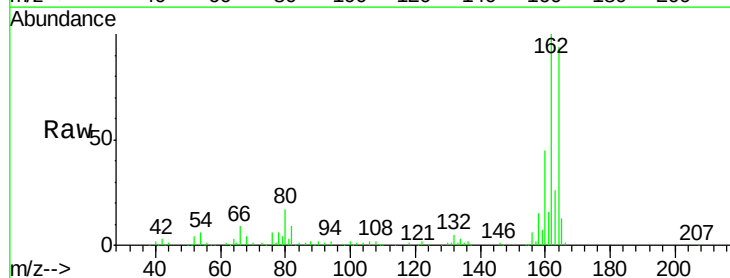


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

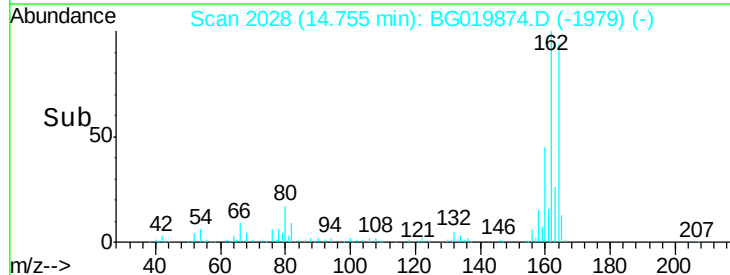
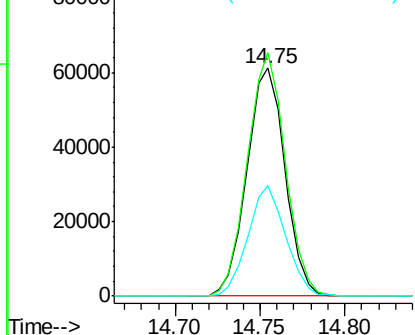


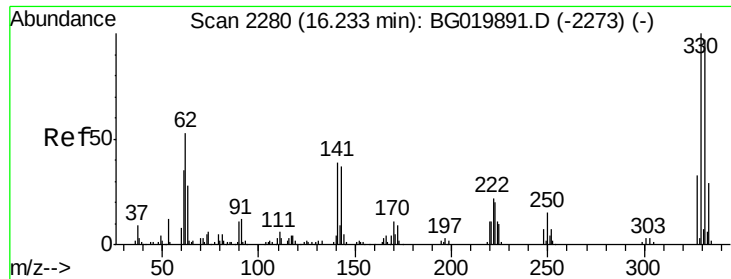
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

Tgt Ion	164	Resp	95564
Ion Ratio	100	Lower	Upper
162	106.8	78.8	118.2
160	48.5	36.4	54.6



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

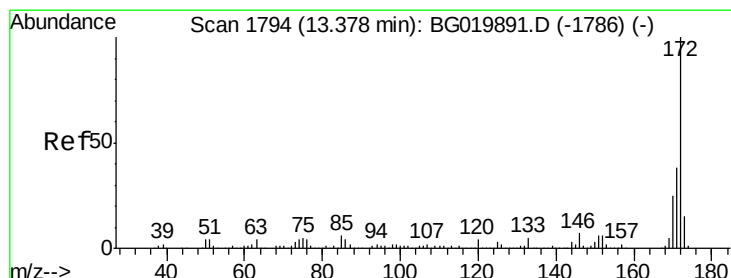
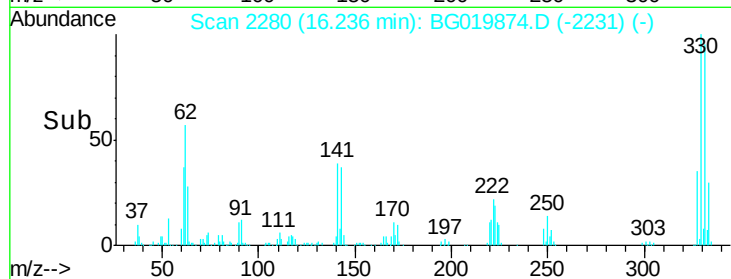
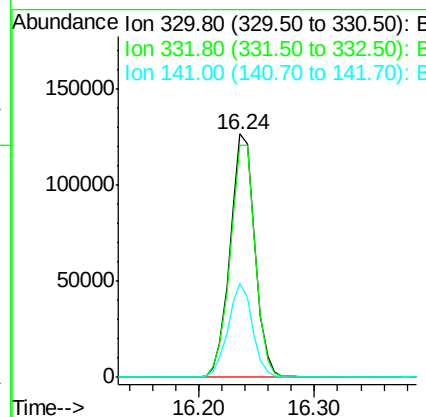
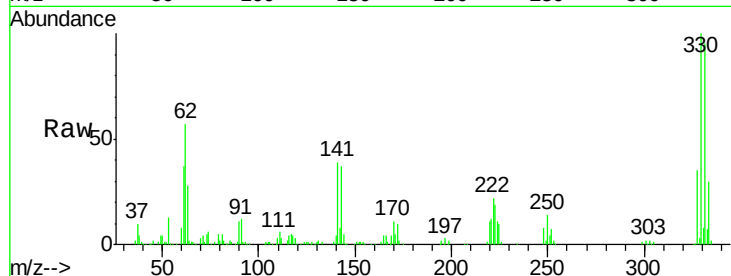




#41
 2,4,6-Tribromophenol
 Concen: 128.22 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

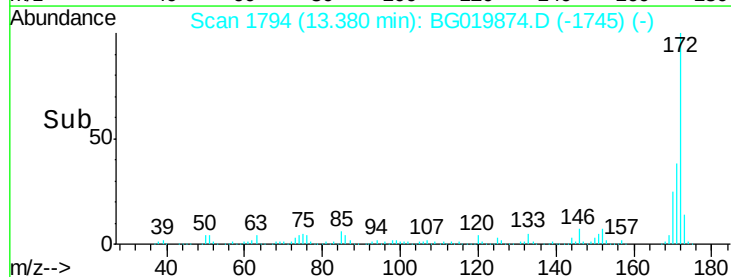
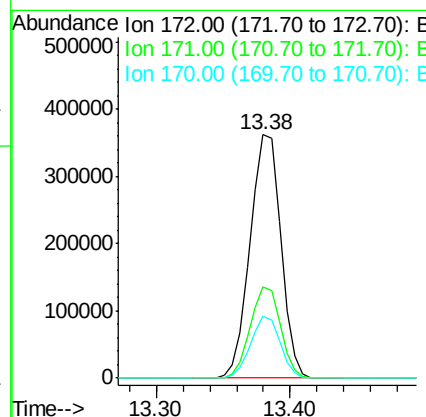
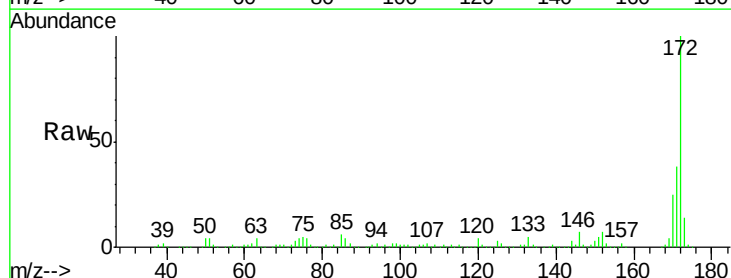
Instrument :
 BNA_G
 ClientSampleId :
 TW-09

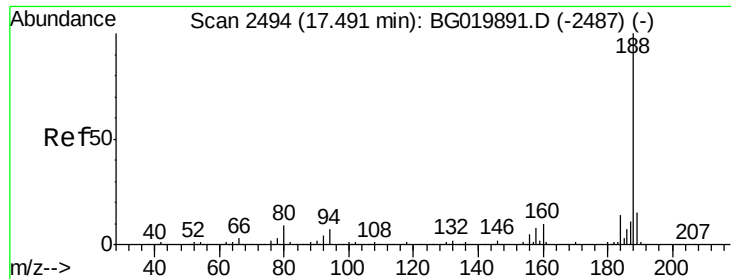
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	38.1	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 82.10 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.2	19.9	29.9

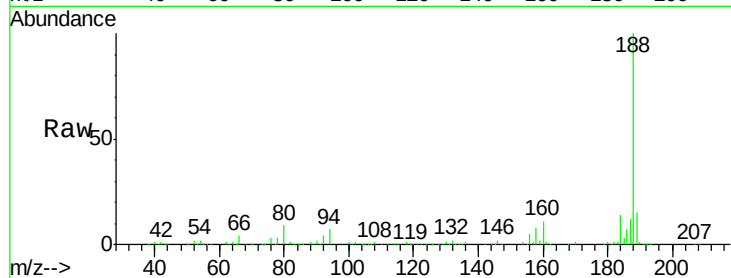




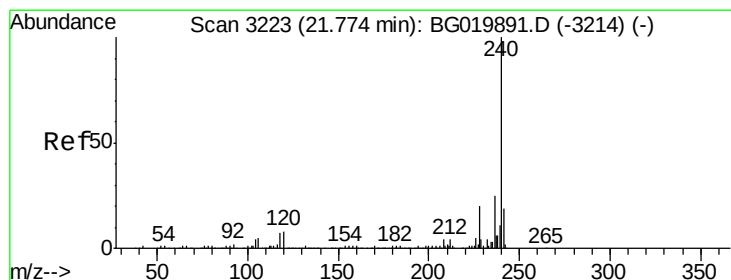
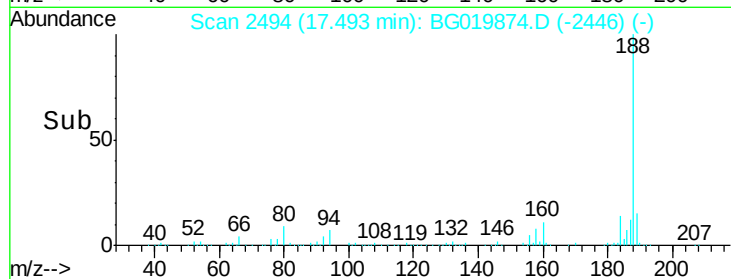
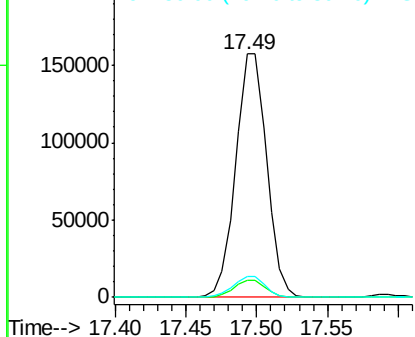
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019874.D
Acq: 3 Dec 2015 17:27

Instrument :
BNA_G
ClientSampleId :
TW-09

Tot Ion:188 Resp: 241633
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.7 7.8 11.8

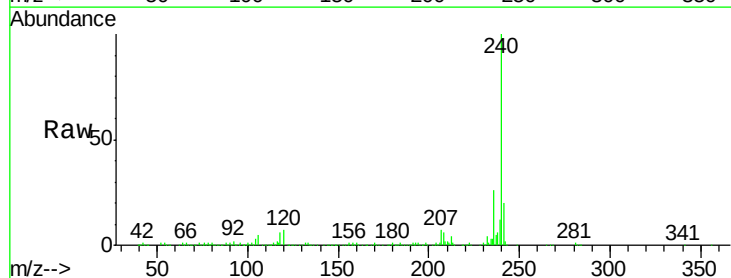


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

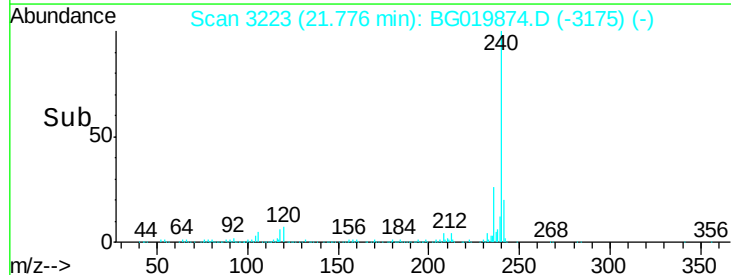
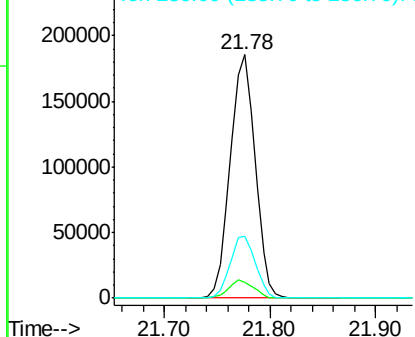


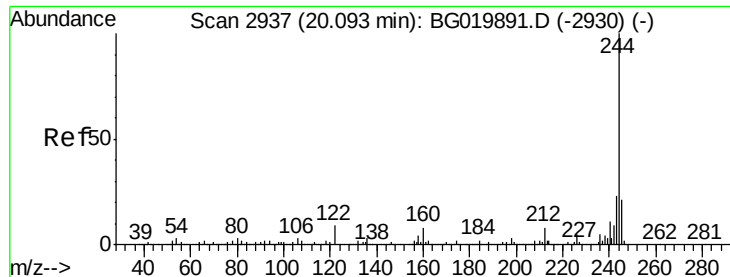
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019874.D
Acq: 3 Dec 2015 17:27

Tgt Ion:240 Resp: 301786
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 25.5 20.7 31.1



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

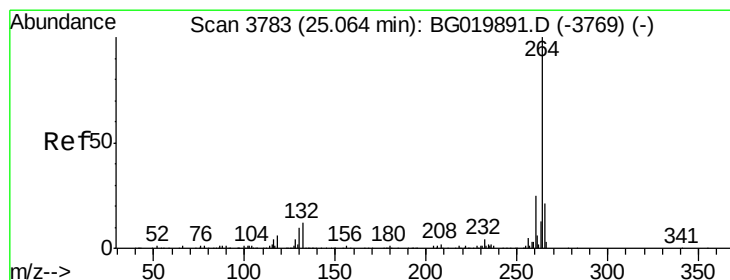
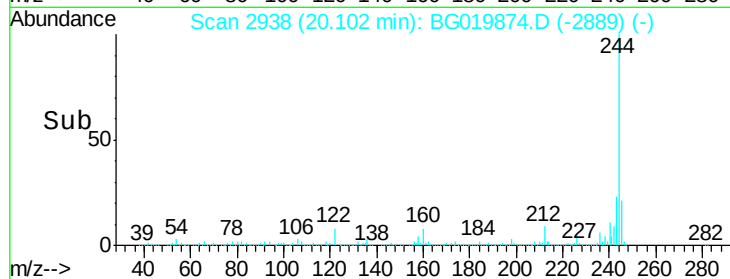
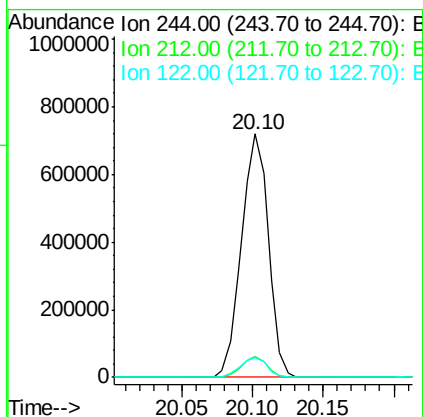
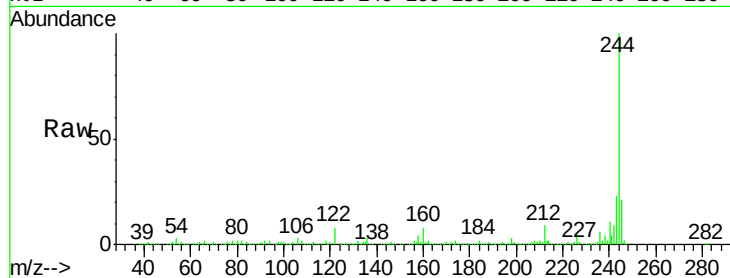




#78
 Terphenyl-d14
 Concen: 77.45 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

Instrument :
 BNA_G
 ClientSampleID :
 TW-09

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	8.2	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3783
 Delta R.T. -0.03 min
 Lab File: BG019874.D
 Acq: 3 Dec 2015 17:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.8	17.2	25.8

