

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019928.D
 Acq On : 5 Dec 2015 6:06
 Operator : UM/NP
 Sample : PB87008TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87008TB

Quant Time: Dec 07 04:05:30 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	8.11	152	28543	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	122925	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	88873	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	236089	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	283572	20.00	ng	-0.03
86) Perylene-d12	25.04	264	261823	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	211858	134.15	ng	-0.01
7) Phenol-d6	7.26	99	313130	131.32	ng	-0.01
23) Nitrobenzene-d5	9.28	82	202664	84.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	161698	118.91	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	511840	78.64	ng	-0.02
78) Terphenyl-d14	20.09	244	920920	79.21	ng	-0.02

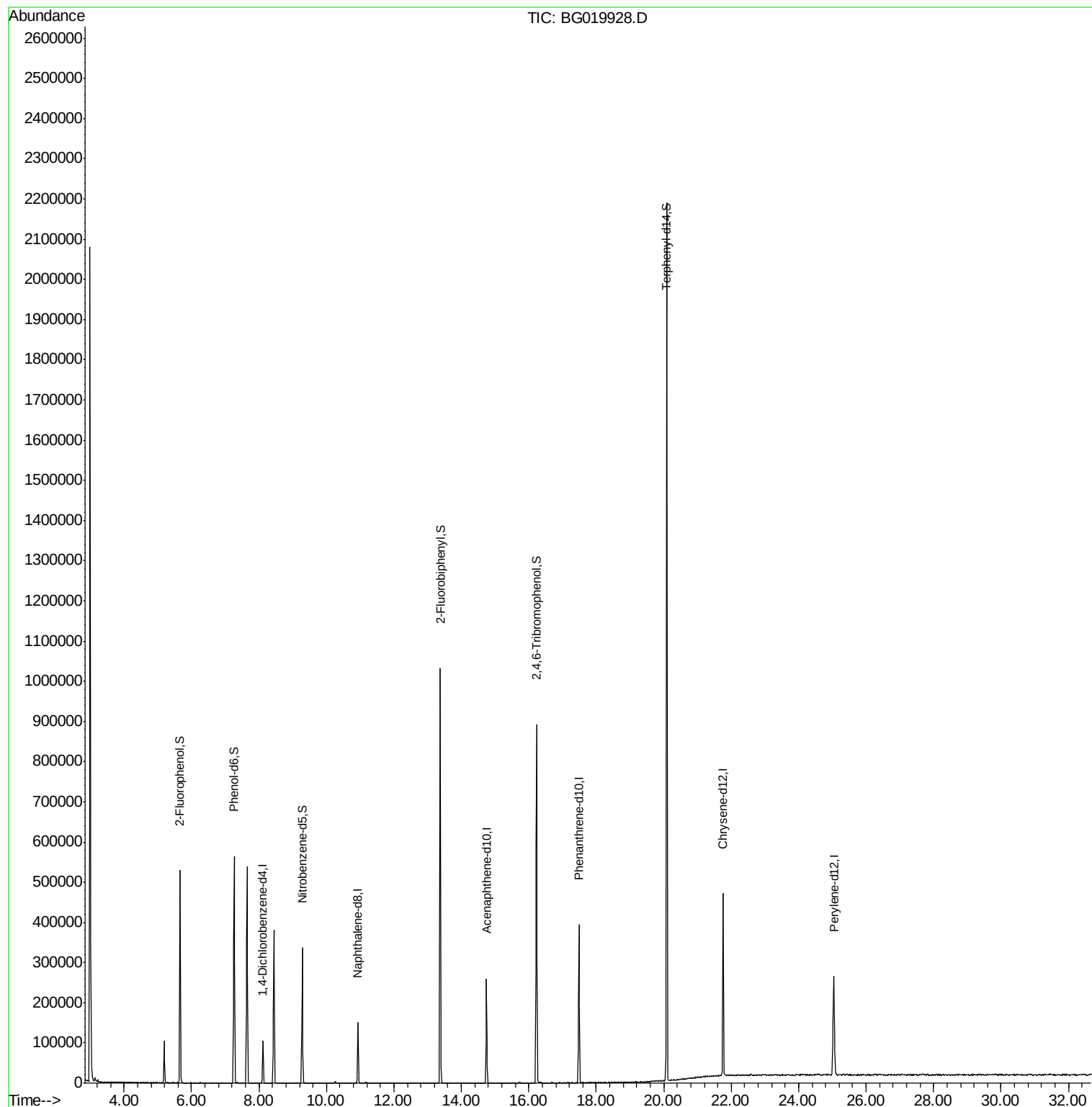
Target Compounds Qvalue

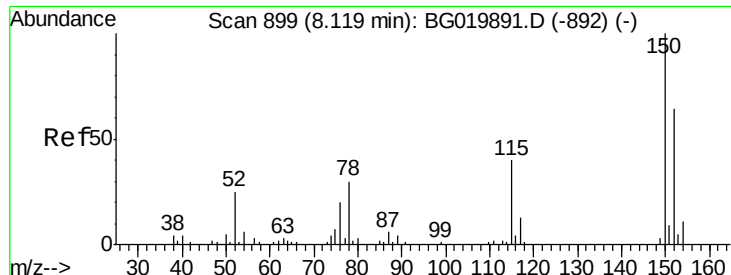
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

Instrument :

BNA_G

ClientSampleId :

PB87008TB

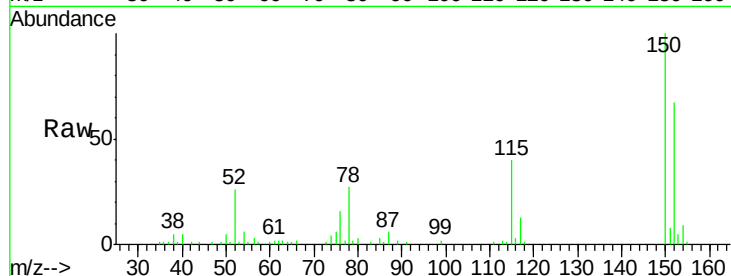
Tot Ion:152 Resp: 28543

Ion Ratio Lower Upper

152 100

150 149.7 115.0 172.4

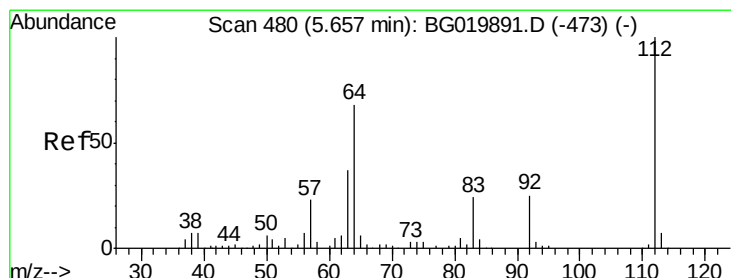
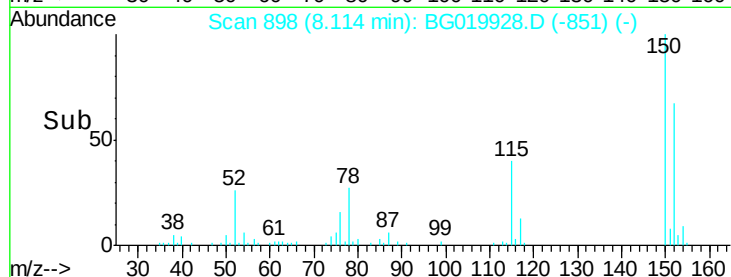
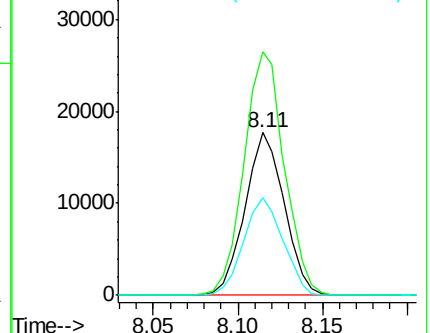
115 60.0 43.9 65.9



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: 134.15 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

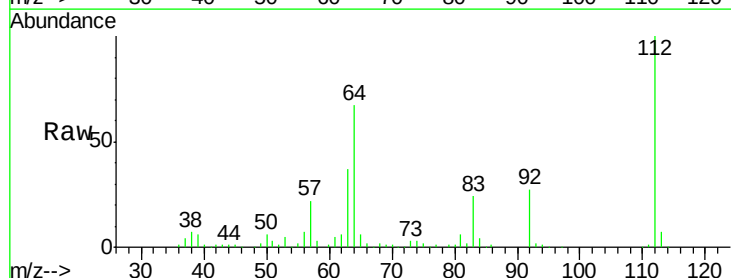
Tgt Ion:112 Resp: 211858

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

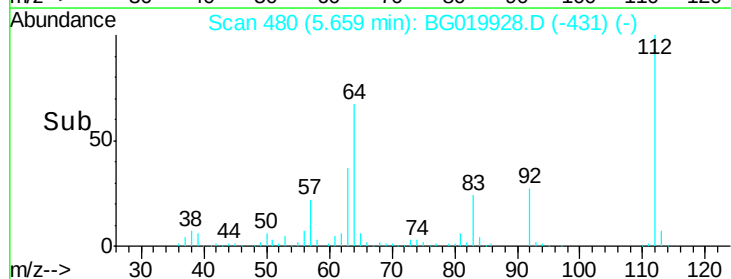
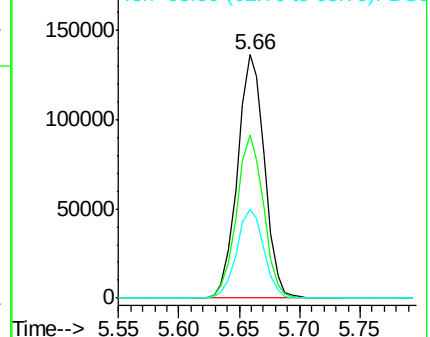
63 36.7 24.0 36.0#

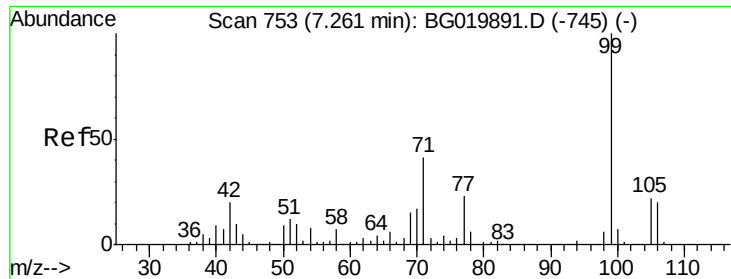


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.32 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

Instrument :

BNA_G

ClientSampleId :

PB87008TB

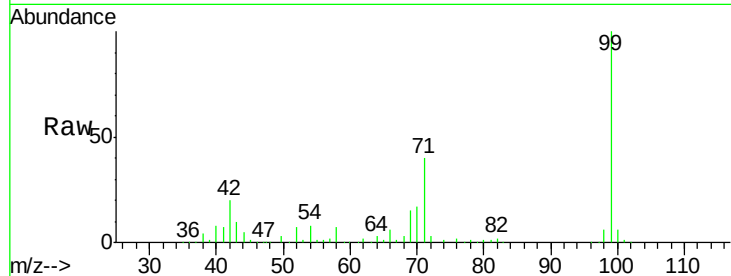
Tot Ion: 99 Resp: 313130

Ion Ratio Lower Upper

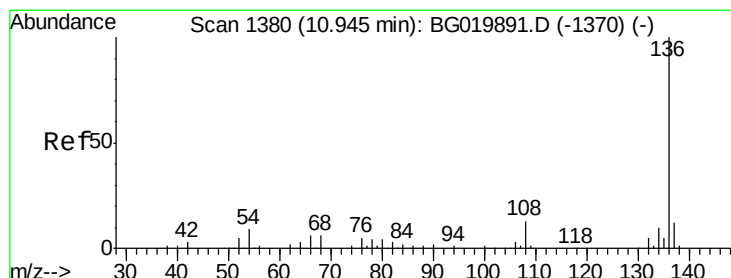
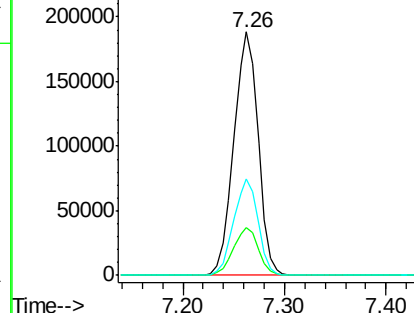
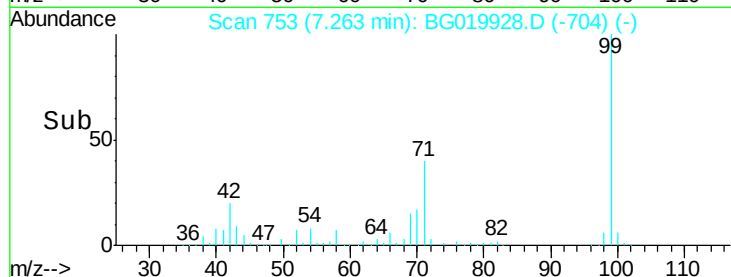
99 100

42 19.6 11.5 17.3#

71 39.5 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: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

Tgt Ion: 136 Resp: 122925

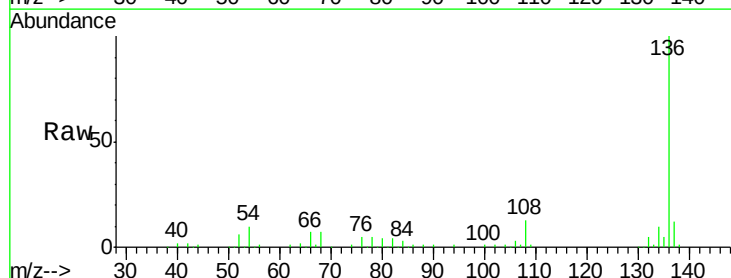
Ion Ratio Lower Upper

136 100

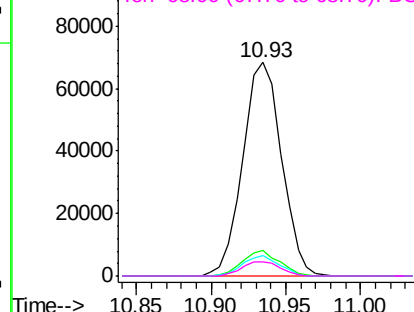
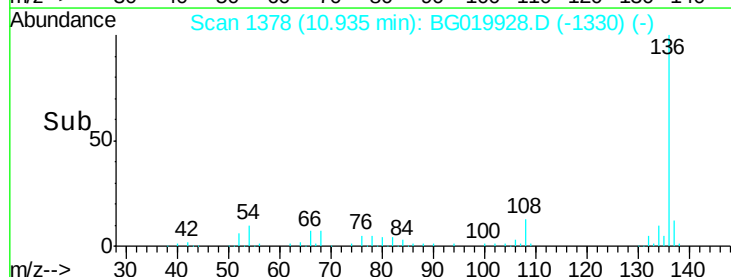
137 12.3 8.6 12.8

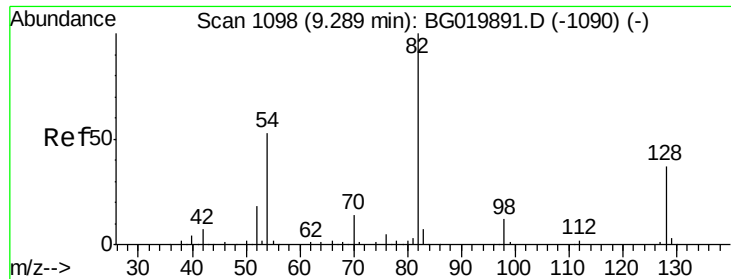
54 9.5 5.4 8.2#

68 6.9 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

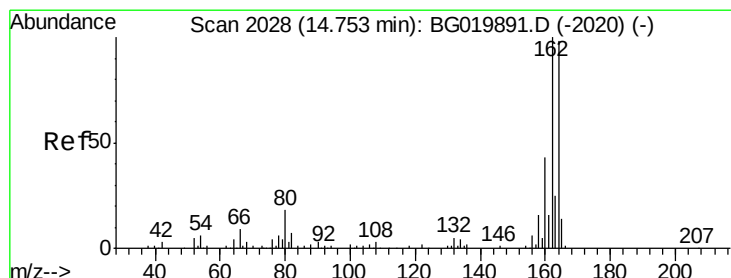
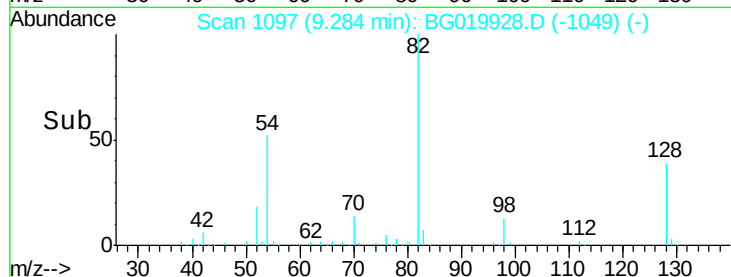
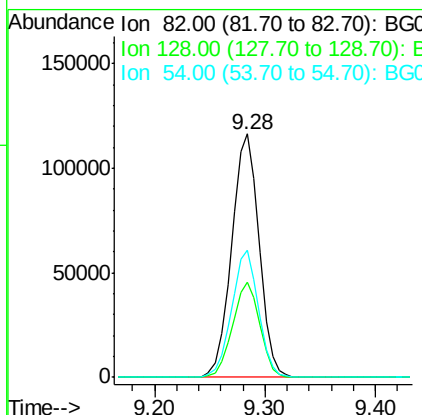
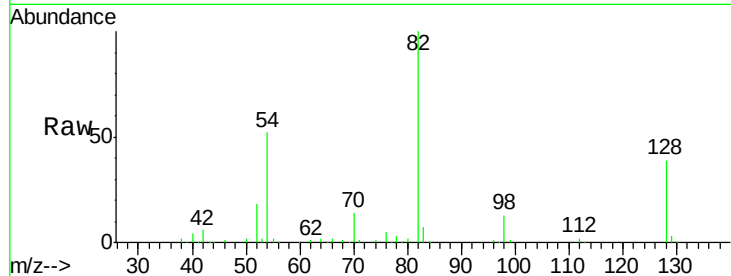




#23
 Nitrobenzene-d5
 Concen: 84.14 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019928.D
 Acq: 5 Dec 2015 6:06

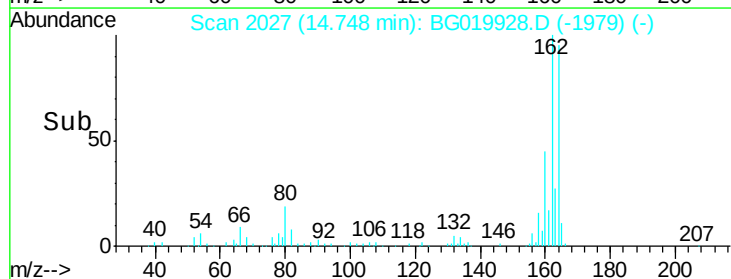
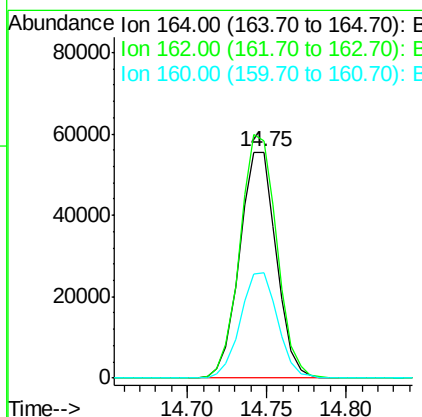
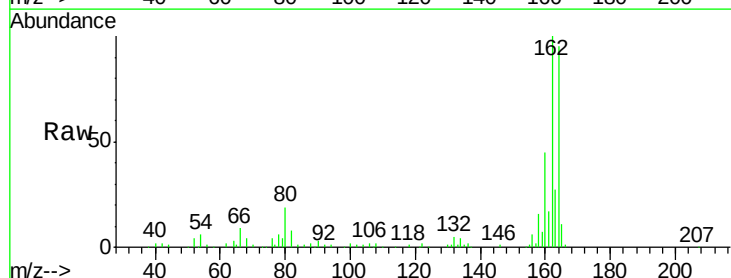
Instrument :
 BNA_G
 ClientSampleID :
 PB87008TB

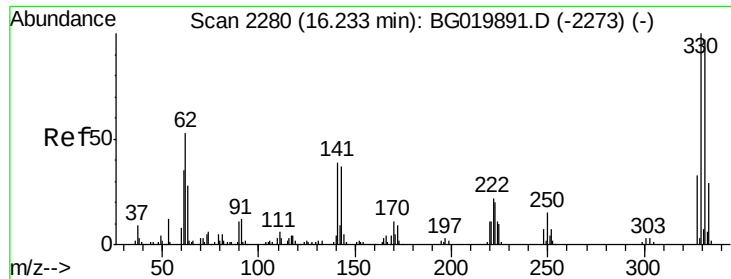
Tot Ion	82	Resp	202664
Ion Ratio	Lower	Upper	
82	100		
128	38.9	36.7	55.1
54	52.2	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019928.D
 Acq: 5 Dec 2015 6:06

Tgt Ion	164	Resp	88873
Ion Ratio	Lower	Upper	
164	100		
162	104.8	78.8	118.2
160	46.7	36.4	54.6

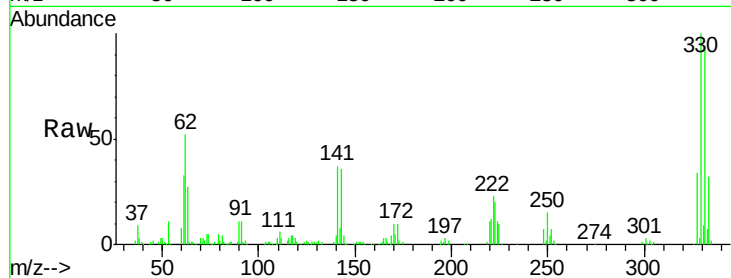




#41
 2,4,6-Tribromophenol
 Concen: 118.91 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019928.D
 Acq: 5 Dec 2015 6:06

Instrument :
 BNA_G
 ClientSampleId :
 PB87008TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.1	117.1
141	39.0	28.2	42.2

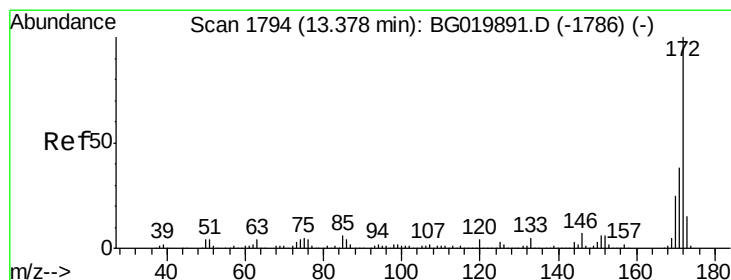
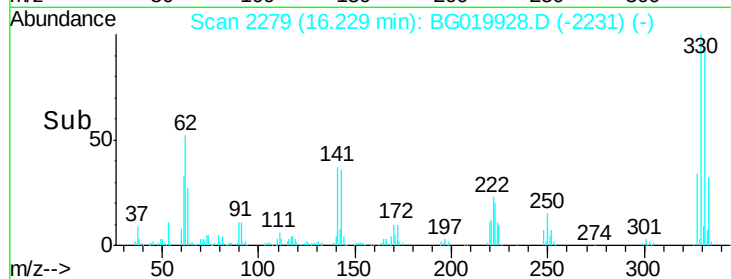
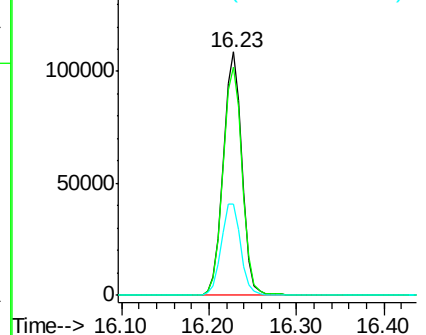


Abundance

Ion 329.80 (329.50 to 330.50): E

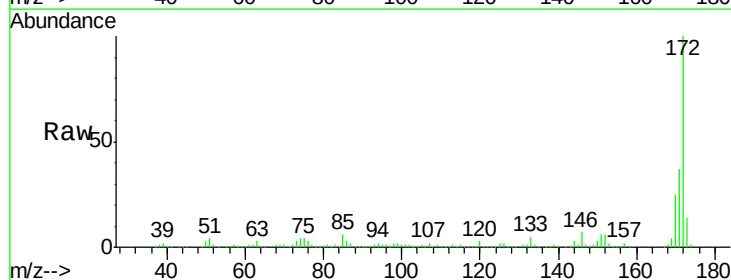
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.64 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019928.D
 Acq: 5 Dec 2015 6:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	24.7	19.9	29.9

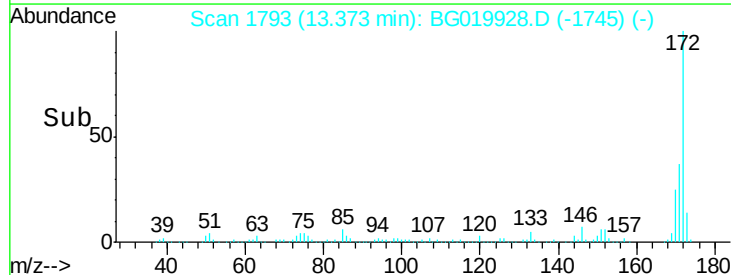
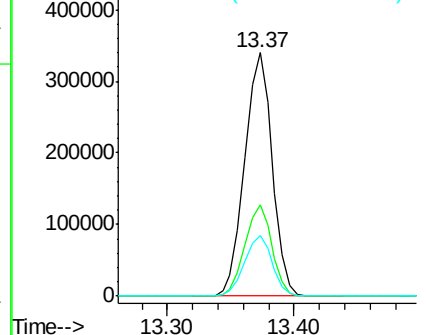


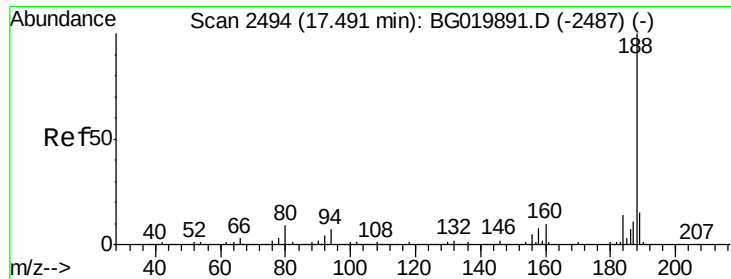
Abundance

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

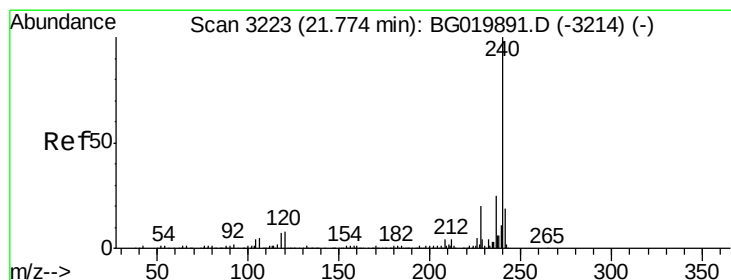
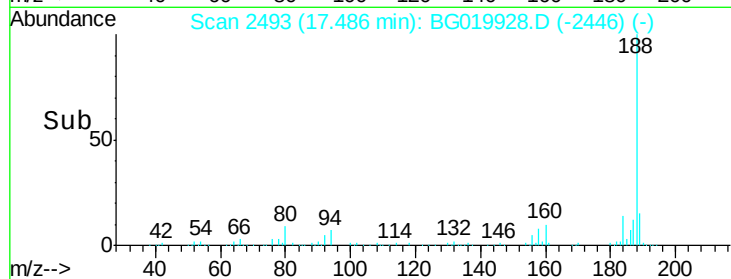
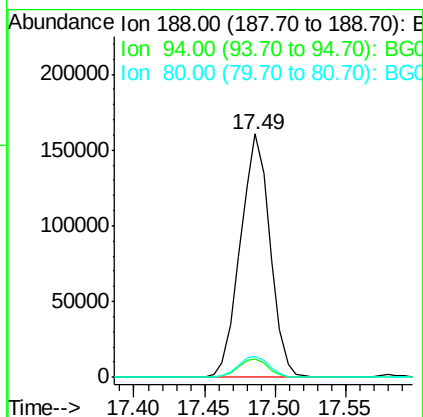
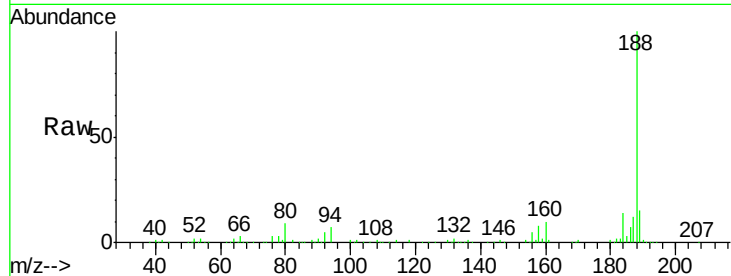




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019928.D
Acq: 5 Dec 2015 6:06

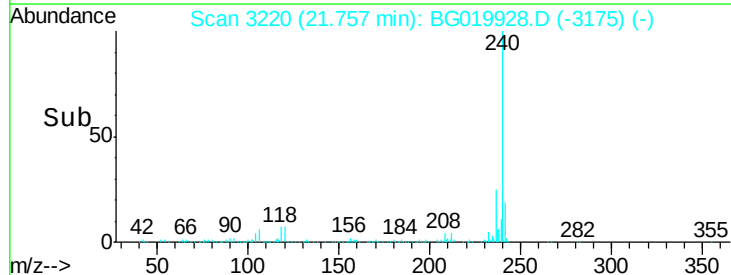
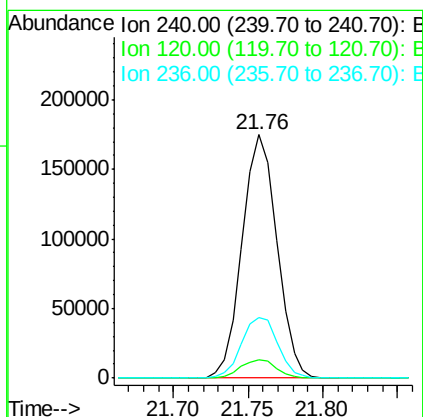
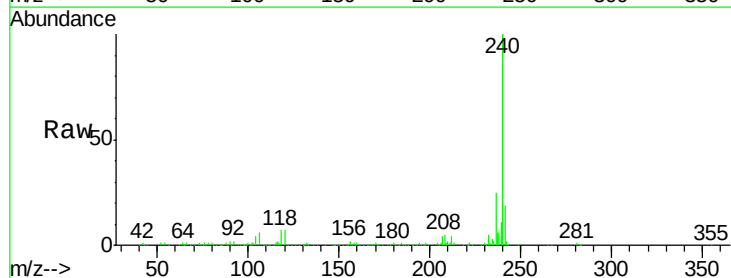
Instrument :
BNA_G
ClientSampleId :
PB87008TB

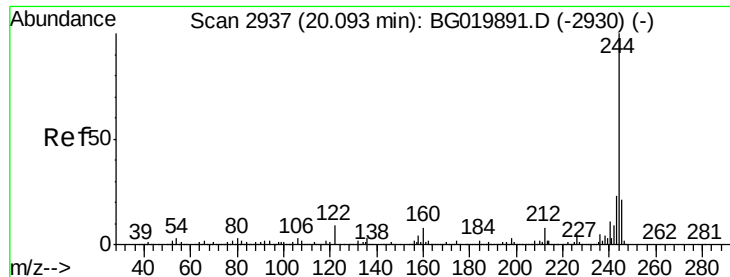
Tot Ion:188 Resp: 236089
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.6 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019928.D
Acq: 5 Dec 2015 6:06

Tgt Ion:240 Resp: 283572
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 79.21 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

Instrument :

BNA_G

ClientSampleId :

PB87008TB

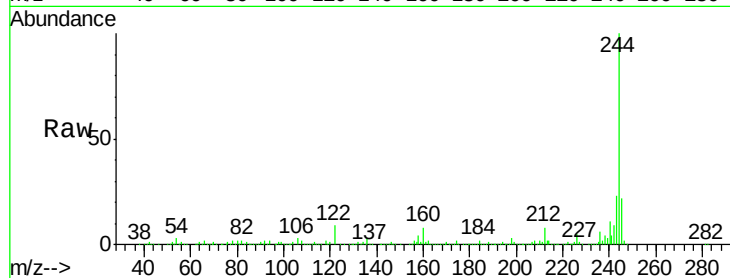
Tot Ion:244 Resp: 920920

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

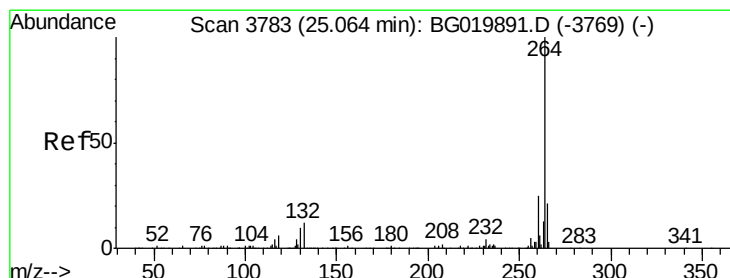
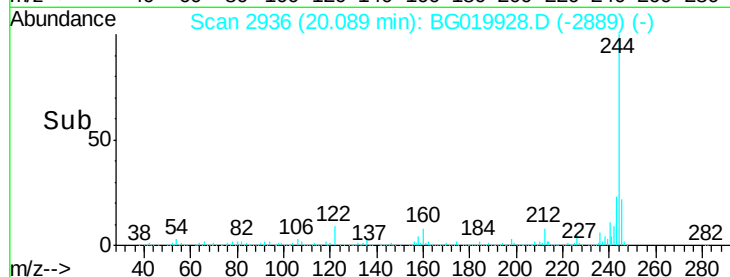
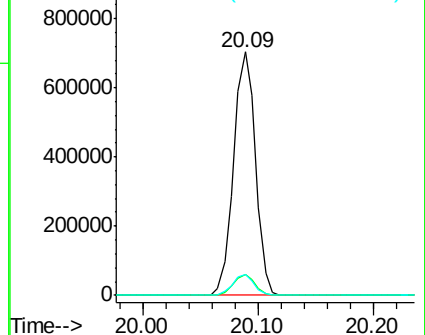
122 8.8 10.2 15.2#



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: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG019928.D

Acq: 5 Dec 2015 6:06

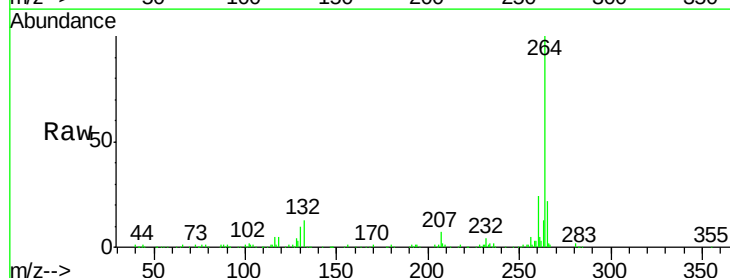
Tgt Ion:264 Resp: 261823

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.2 25.8



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

