

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020128.D
 Acq On : 12 Dec 2015 5:14
 Operator : UM/SJ
 Sample : G4755-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-M

Quant Time: Dec 14 00:56:16 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	8.10	152	22581	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	96110	20.00	ng	-0.03
38) Acenaphthene-d10	14.72	164	70012	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	188311	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	225483	20.00	ng	-0.05
86) Perylene-d12	25.01	264	209118	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	53968	43.20	ng	-0.02
7) Phenol-d6	7.25	99	54239	28.75	ng	-0.03
23) Nitrobenzene-d5	9.27	82	155035	82.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	86776	81.01	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	396136	77.26	ng	-0.03
78) Terphenyl-d14	20.07	244	734122	79.41	ng	-0.04

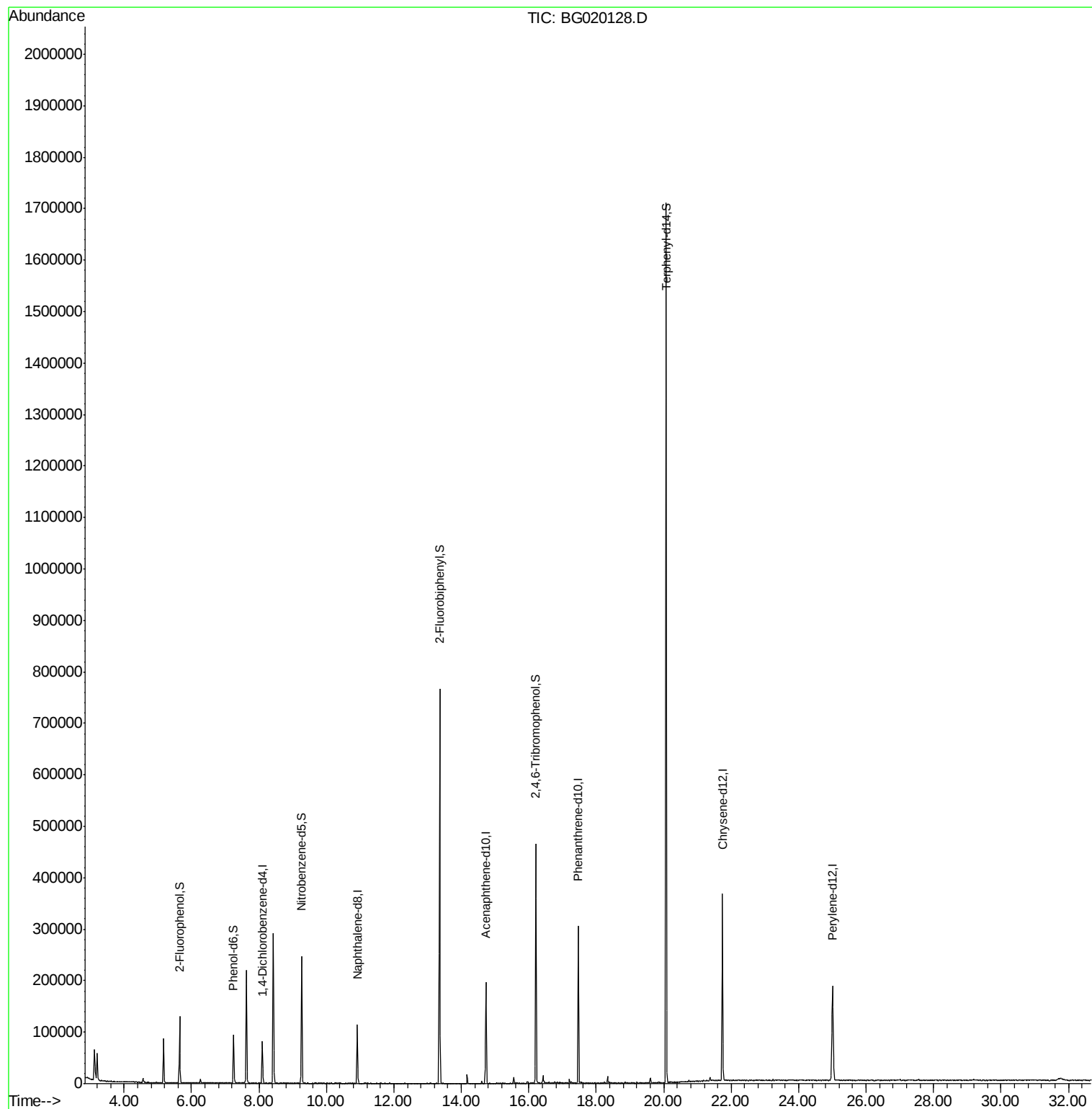
Target Compounds Qvalue

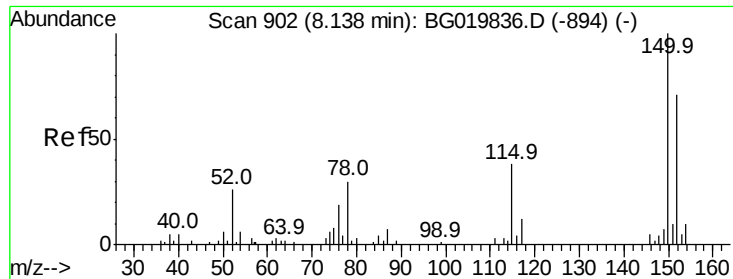
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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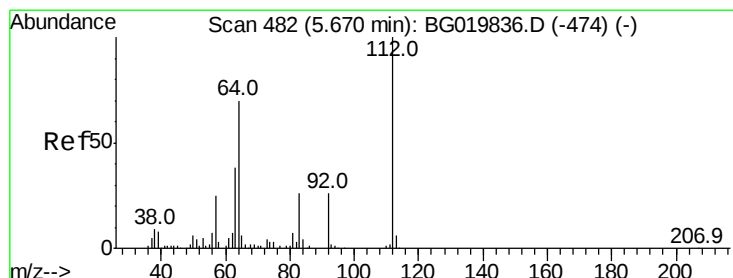
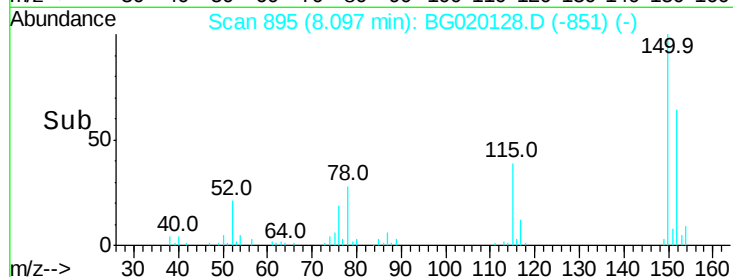
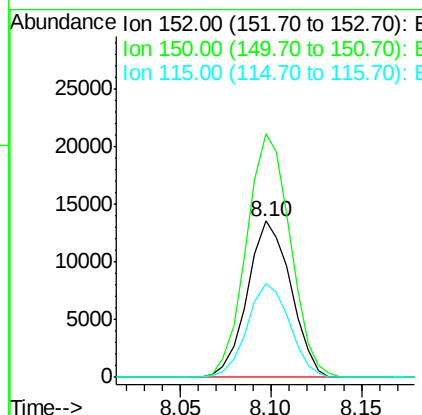
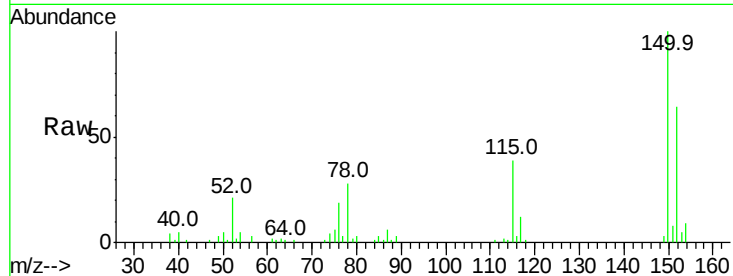




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.04 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

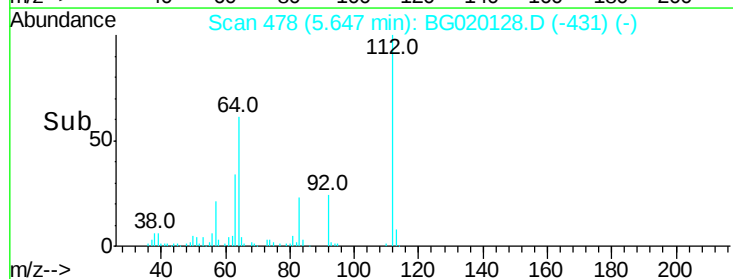
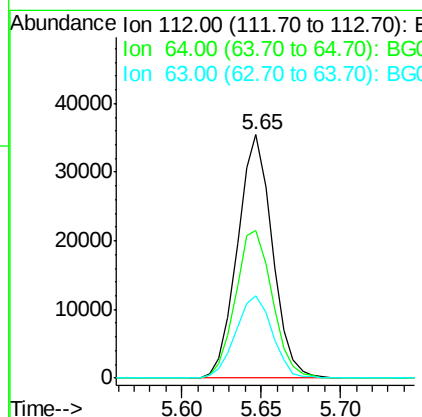
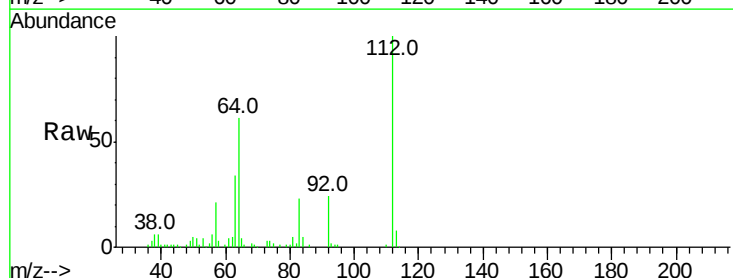
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-M

Tot Ion:152 Resp: 22581
 Ion Ratio Lower Upper
 152 100
 150 155.7 115.0 172.4
 115 59.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 43.20 ng
 RT: 5.65 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

Tgt Ion:112 Resp: 53968
 Ion Ratio Lower Upper
 112 100
 64 60.8 43.7 65.5
 63 33.8 24.0 36.0





#7

Phenol-d6

Concen: 28.75 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG020128.D

Acq: 12 Dec 2015 5:14

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-M

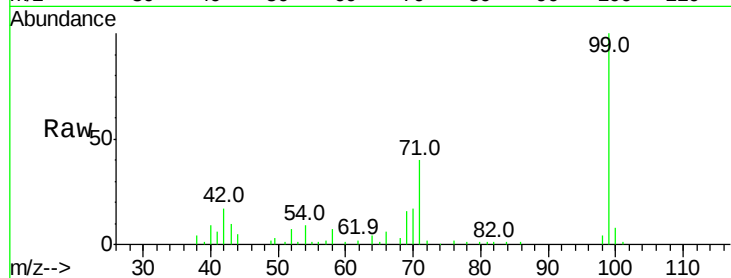
Tot Ion: 99 Resp: 54239

Ion Ratio Lower Upper

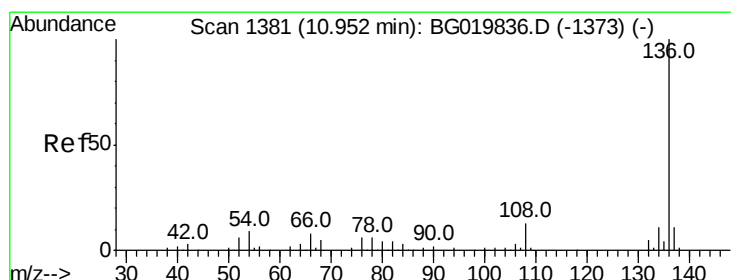
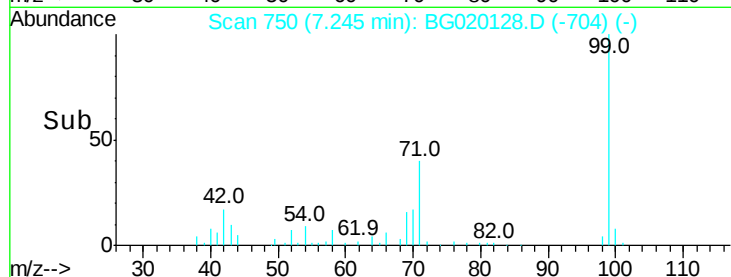
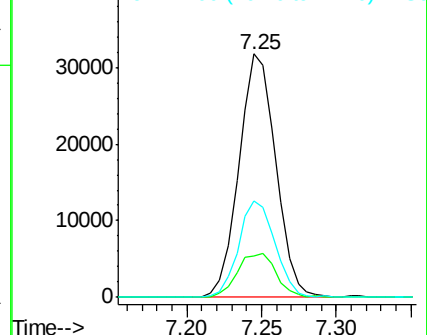
99 100

42 17.0 11.5 17.3

71 39.7 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: 10.92 min Scan# 1375

Delta R.T. -0.03 min

Lab File: BG020128.D

Acq: 12 Dec 2015 5:14

Tgt Ion: 136 Resp: 96110

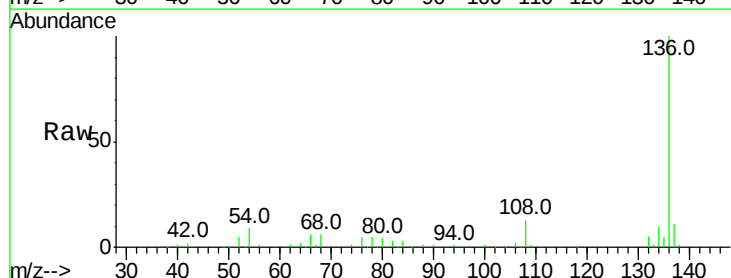
Ion Ratio Lower Upper

136 100

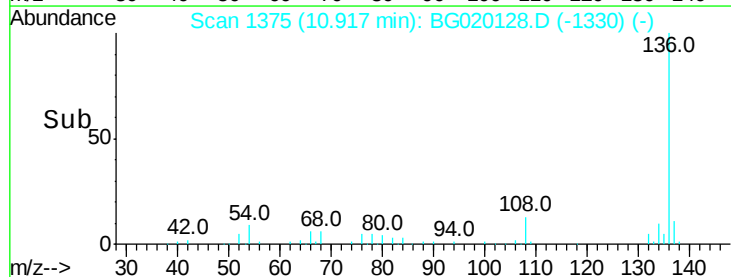
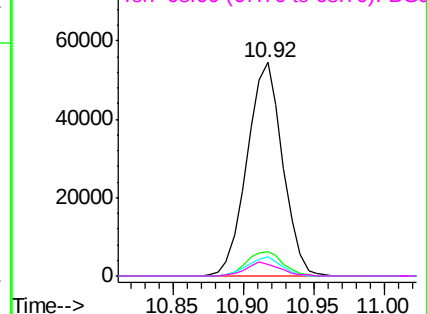
137 11.5 8.6 12.8

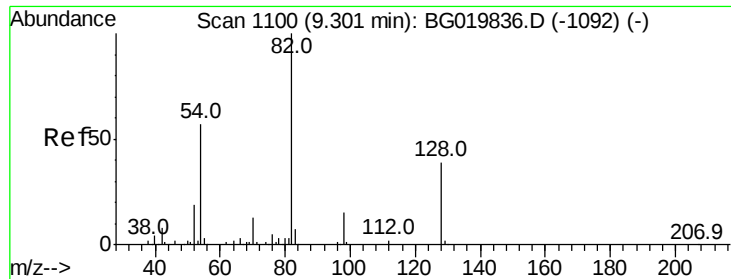
54 8.8 5.4 8.2#

68 5.6 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

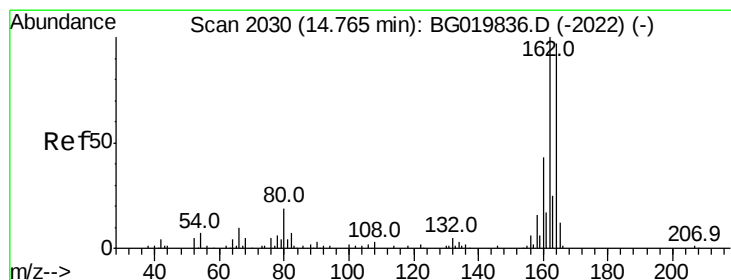
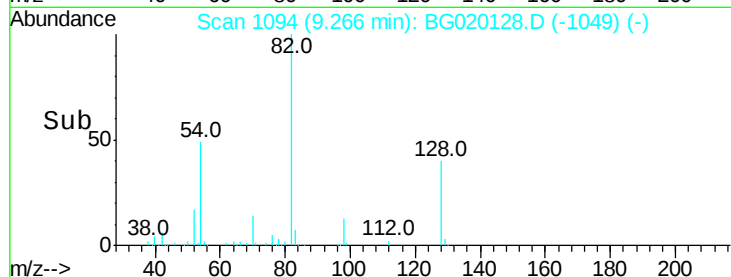
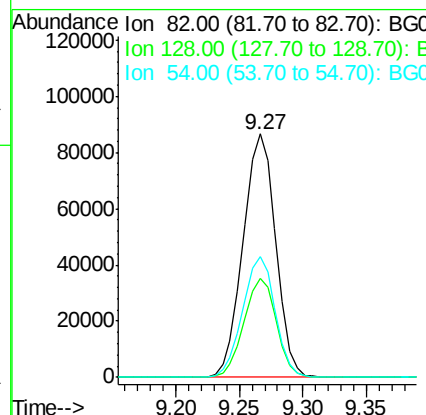
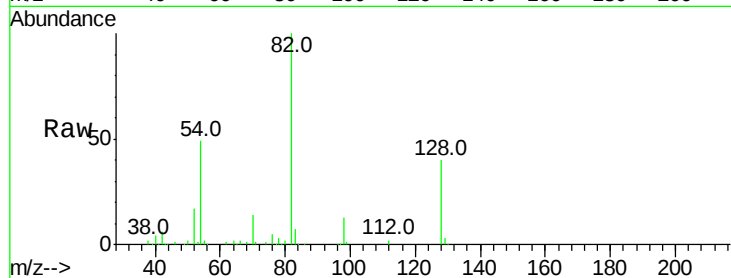




#23
 Nitrobenzene-d5
 Concen: 82.33 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

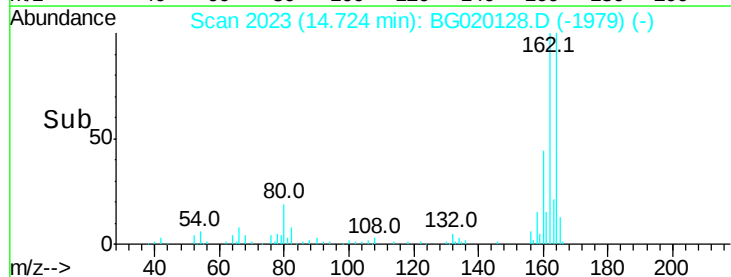
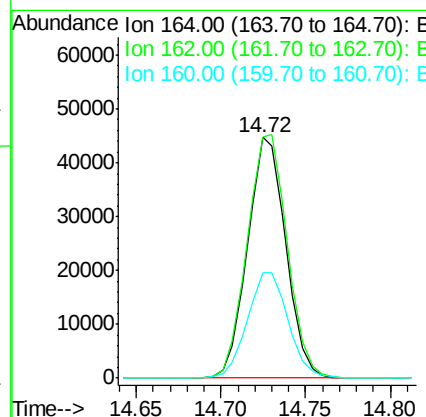
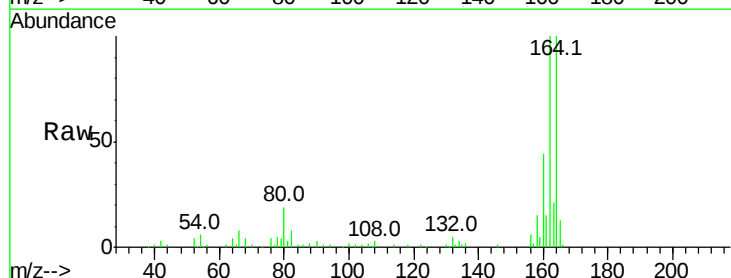
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-M

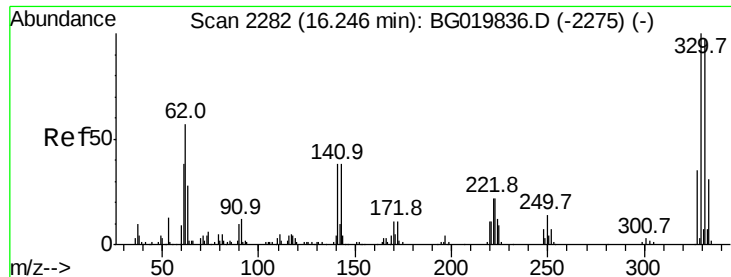
Tot Ion	82	Resp	155035
Ion Ratio	100	Lower	Upper
128	40.4	36.7	55.1
54	49.5	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2023
 Delta R.T. -0.04 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

Tgt Ion	164	Resp	70012
Ion Ratio	100	Lower	Upper
162	100.0	78.8	118.2
160	43.7	36.4	54.6

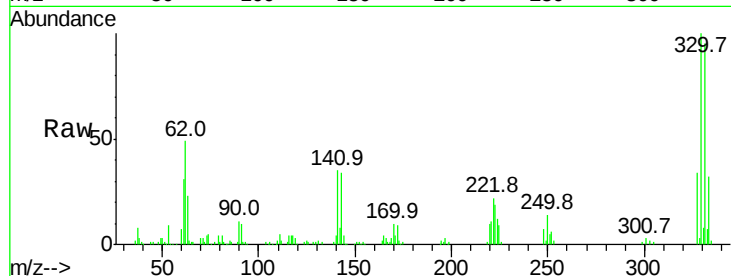




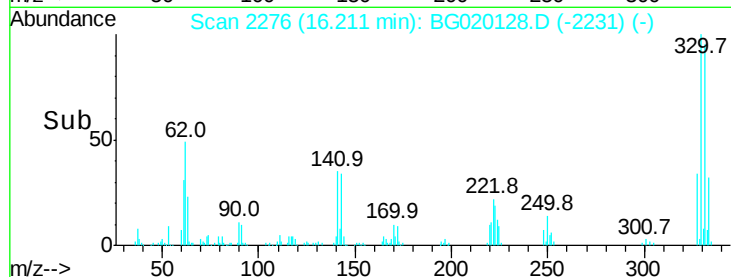
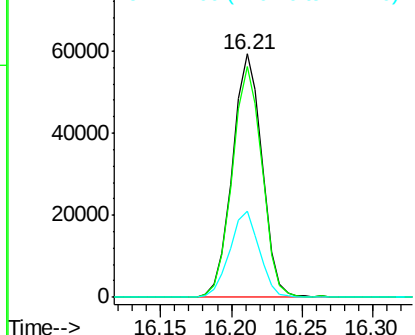
#41
 2,4,6-Tribromophenol
 Concen: 81.01 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	35.3	28.2	42.2

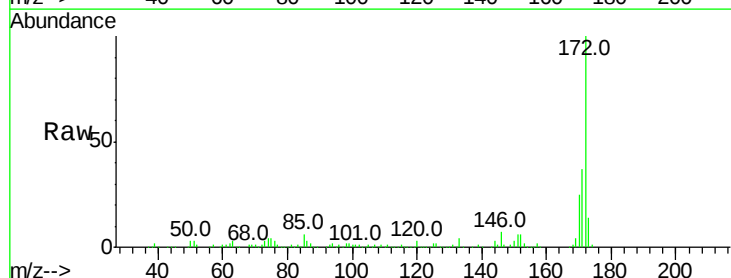


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

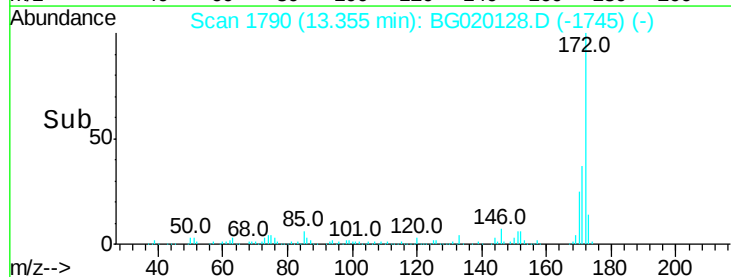
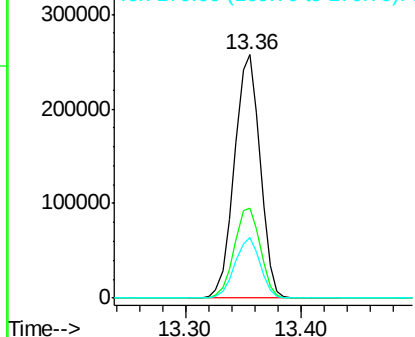


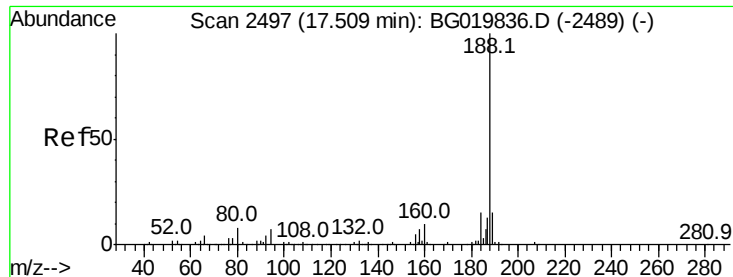
#44
 2-Fluorobiphenyl
 Concen: 77.26 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.03 min
 Lab File: BG020128.D
 Acq: 12 Dec 2015 5:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

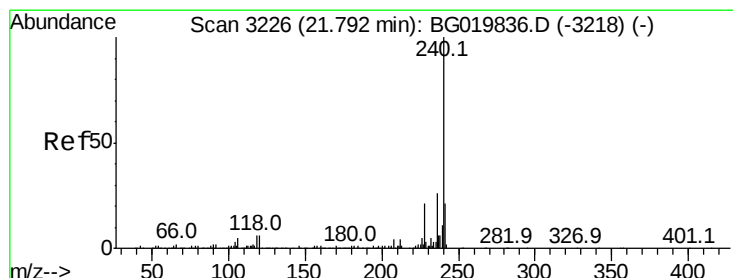
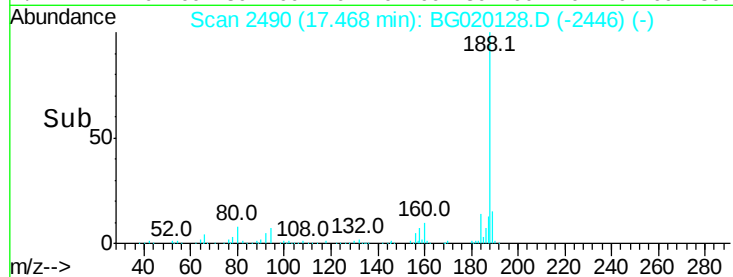
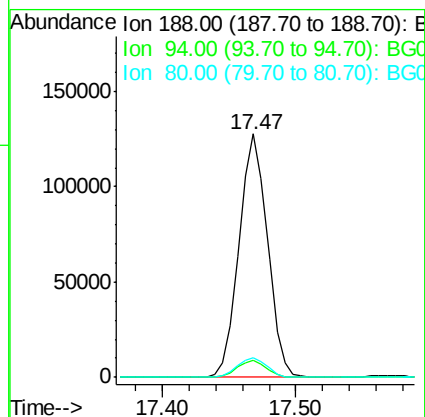
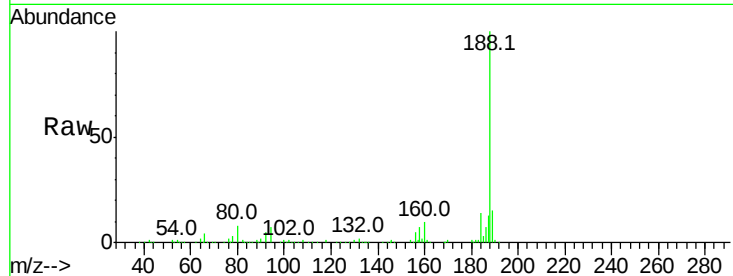




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020128.D
Acq: 12 Dec 2015 5:14

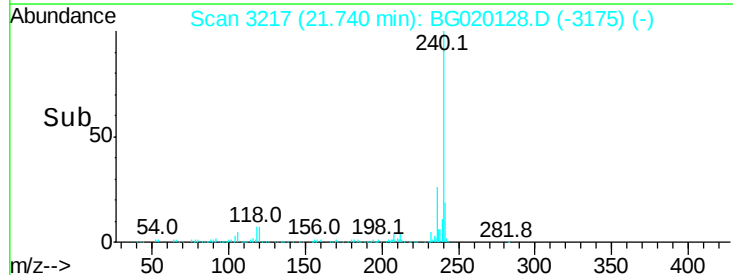
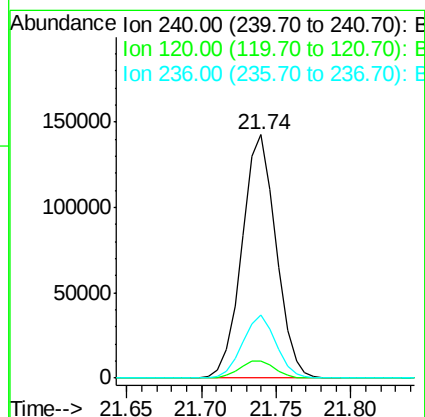
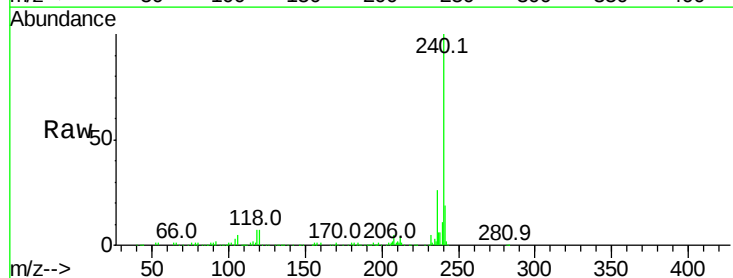
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-M

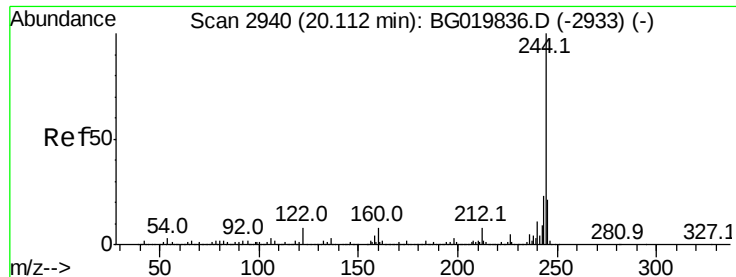
Tot Ion:188 Resp: 188311
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 7.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020128.D
Acq: 12 Dec 2015 5:14

Tgt Ion:240 Resp: 225483
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 79.41 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020128.D

Acq: 12 Dec 2015 5:14

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-M

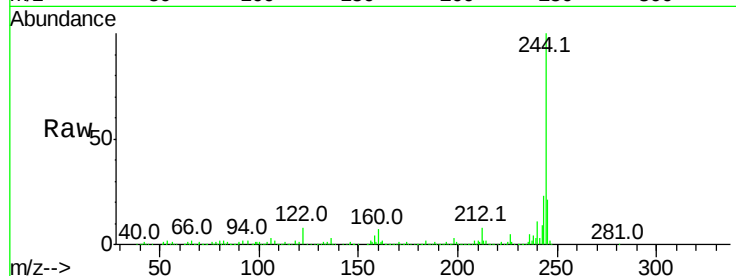
Tot Ion:244 Resp: 734122

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

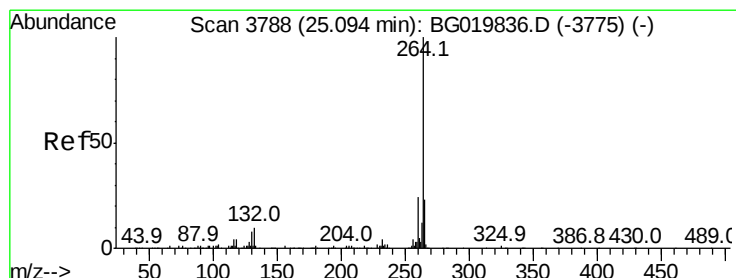
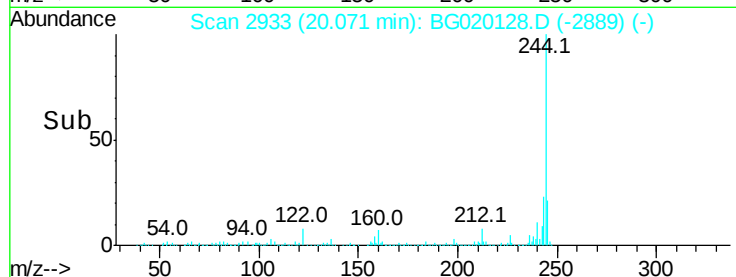
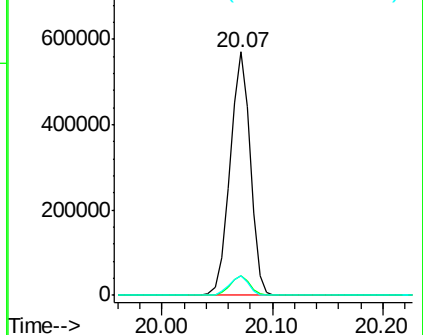
122 8.1 10.2 15.2#



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: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020128.D

Acq: 12 Dec 2015 5:14

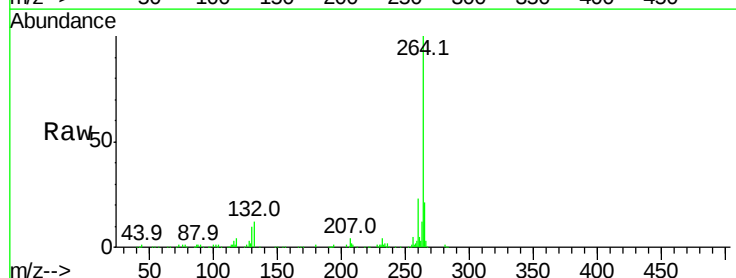
Tgt Ion:264 Resp: 209118

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.3 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

