

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019904.D
 Acq On : 4 Dec 2015 12:49
 Operator : UM/NP
 Sample : G4613-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 13:55:59 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	29368	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	134062	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	96810	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	241832	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	286854	20.00	ng	-0.02
86) Perylene-d12	25.05	264	268544	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78664	48.41	ng	0.00
7) Phenol-d6	7.26	99	80442	32.79	ng	-0.01
23) Nitrobenzene-d5	9.29	82	247883	94.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	129805	87.63	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	638077	89.99	ng	-0.01
78) Terphenyl-d14	20.09	244	1063882	90.46	ng	-0.02

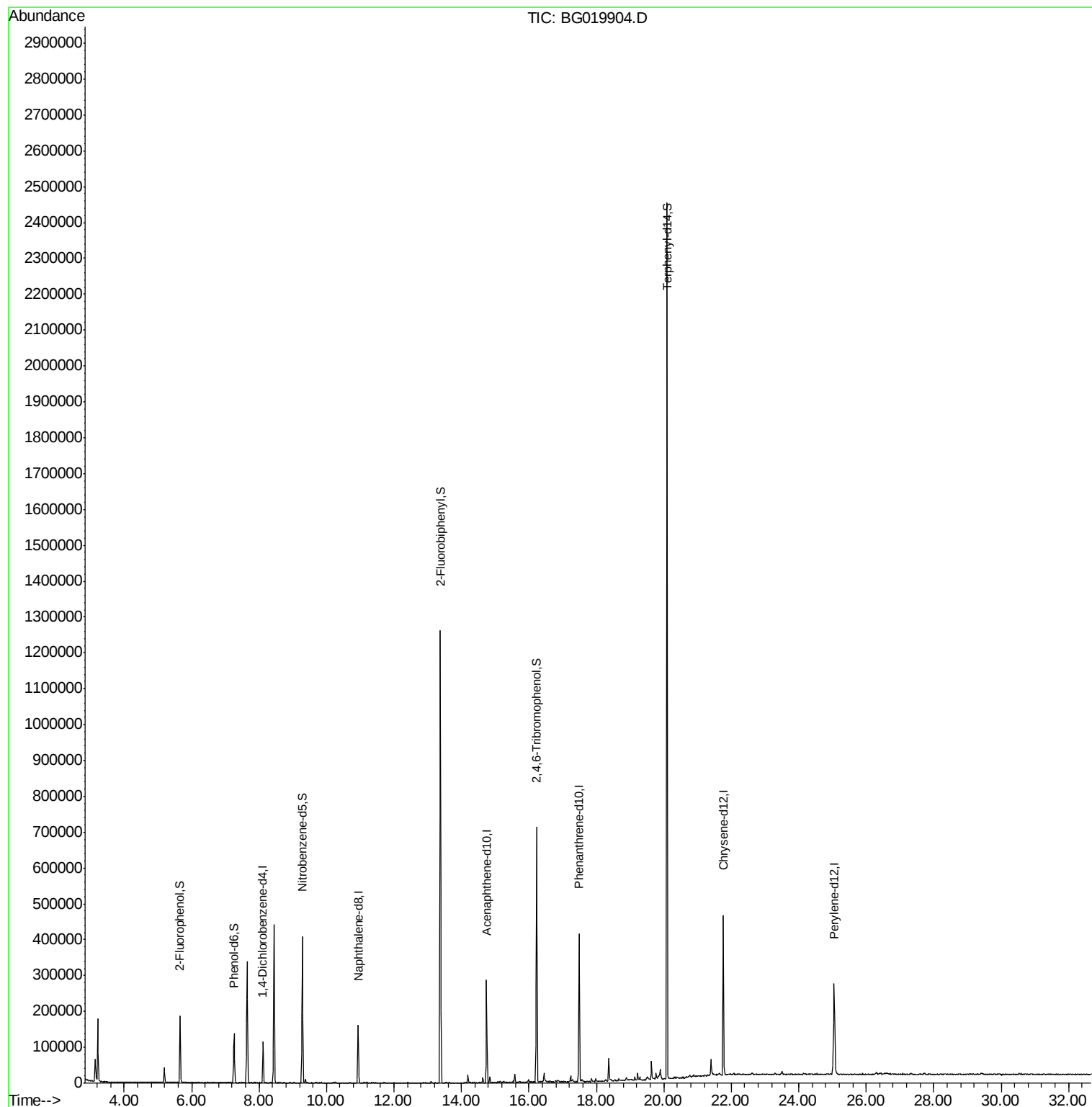
Target Compounds Qvalue

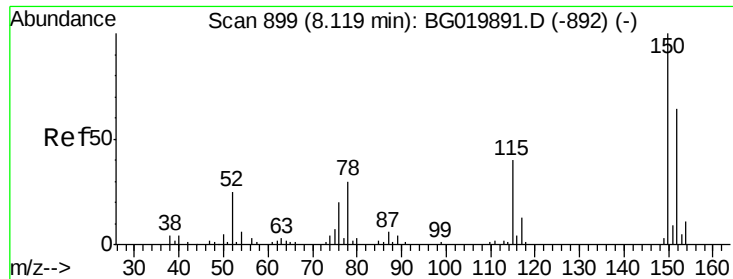
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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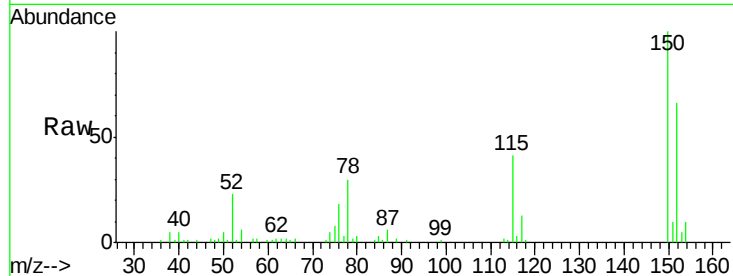


#1

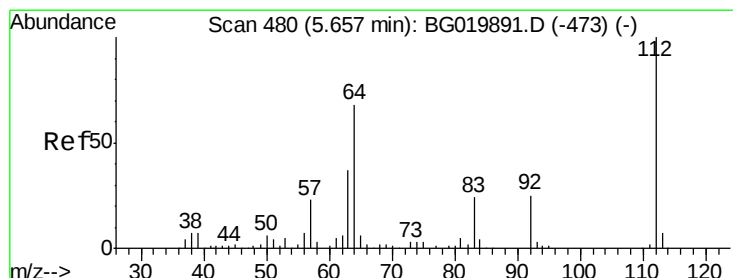
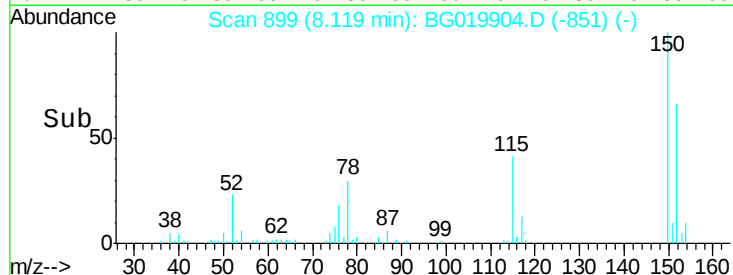
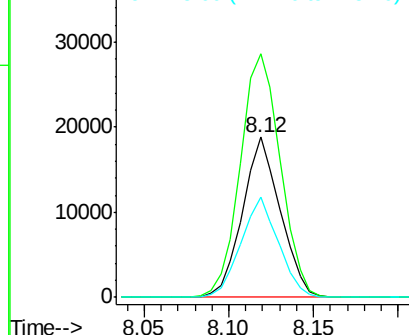
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019904.D
Acq: 4 Dec 2015 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29368
Ion Ratio Lower Upper
152 100
150 152.3 115.0 172.4
115 62.8 43.9 65.9



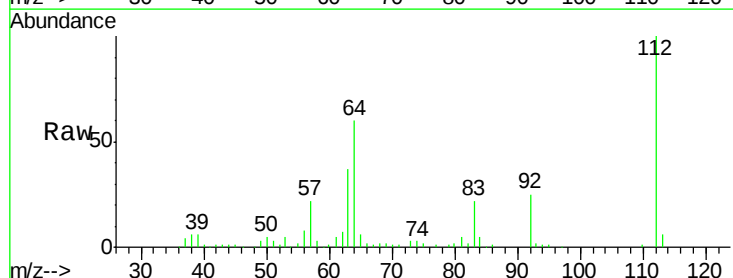
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



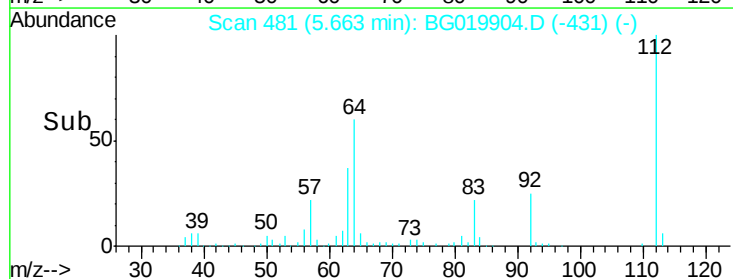
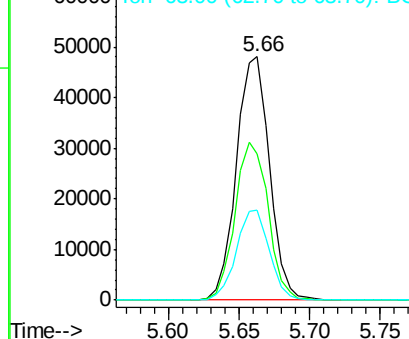
#5

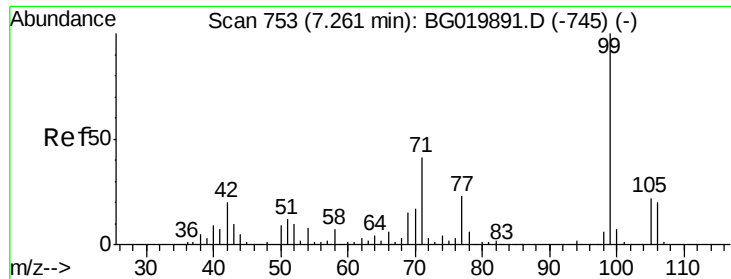
2-Fluorophenol
Concen: 48.41 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019904.D
Acq: 4 Dec 2015 12:49

Tgt Ion:112 Resp: 78664
Ion Ratio Lower Upper
112 100
64 59.9 43.7 65.5
63 37.1 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: 32.79 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019904.D

Acq: 4 Dec 2015 12:49

Instrument :

BNA_G

ClientSampleId :

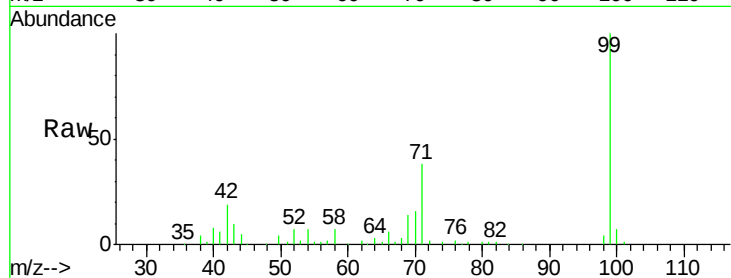
Tot Ion: 99 Resp: 80442

Ion Ratio Lower Upper

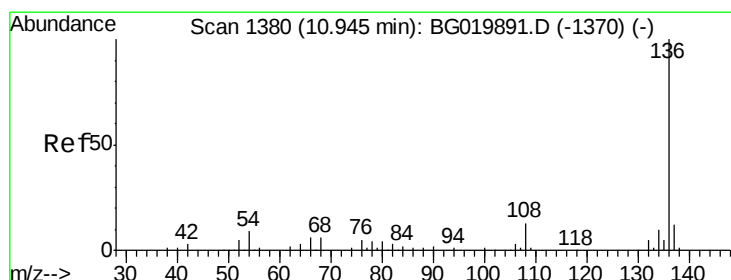
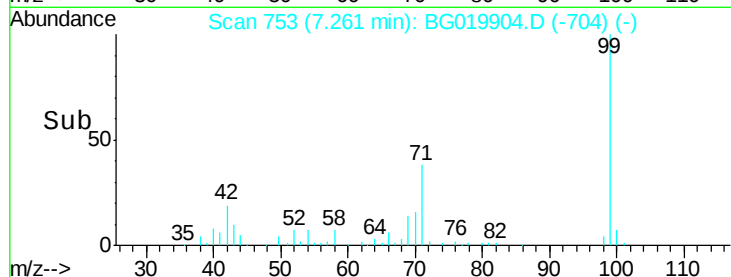
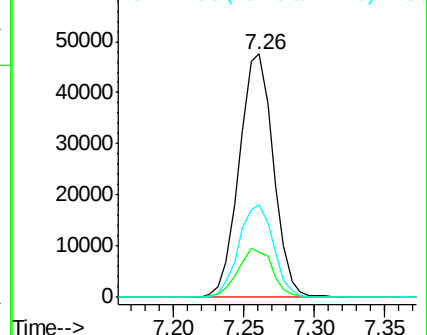
99 100

42 18.5 11.5 17.3#

71 38.0 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: BG019904.D

Acq: 4 Dec 2015 12:49

Tgt Ion: 136 Resp: 134062

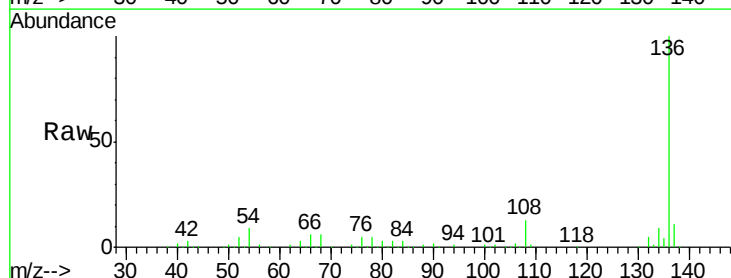
Ion Ratio Lower Upper

136 100

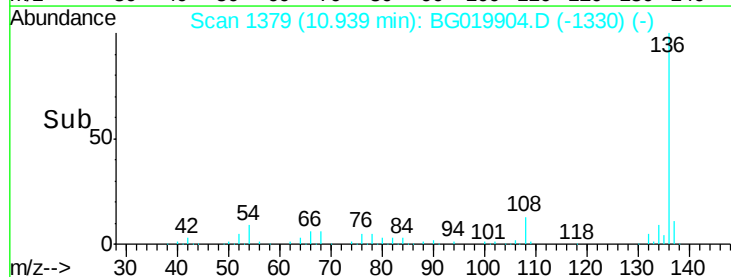
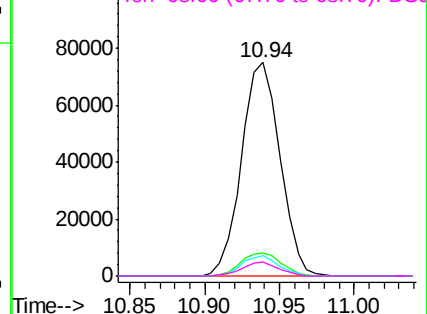
137 10.7 8.6 12.8

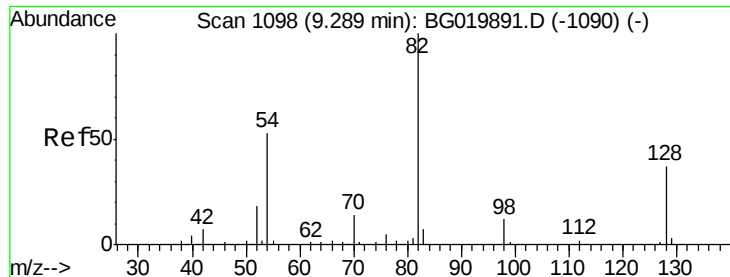
54 9.5 5.4 8.2#

68 6.3 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

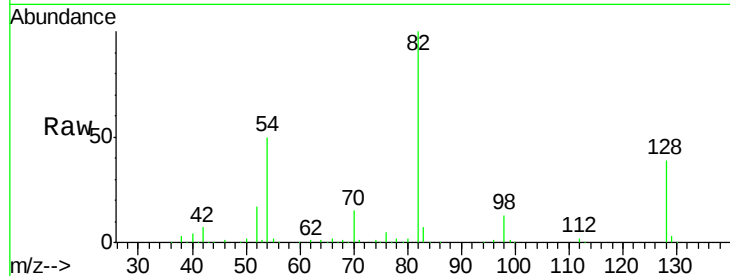




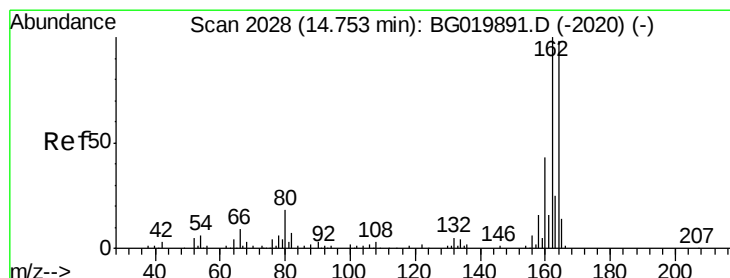
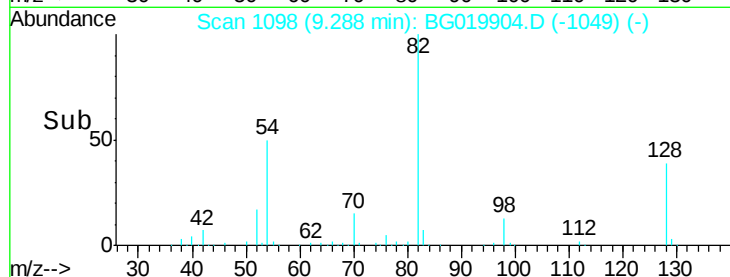
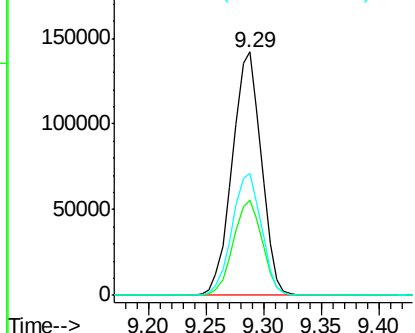
#23
 Nitrobenzene-d5
 Concen: 94.37 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019904.D
 Acq: 4 Dec 2015 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	247883
Ion Ratio	100	Lower	Upper
128	39.0	36.7	55.1
54	50.1	33.8	50.8

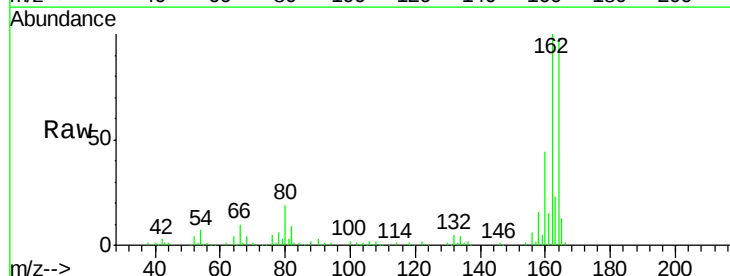


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

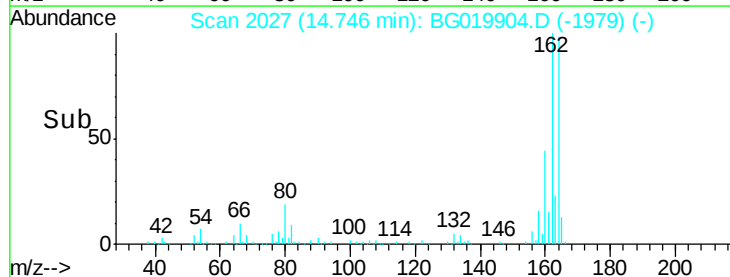
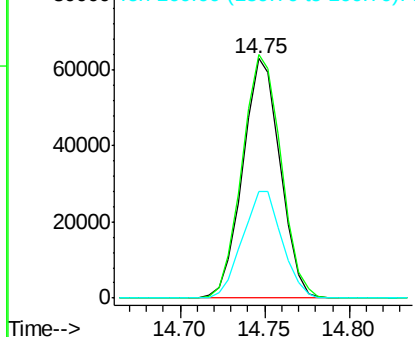


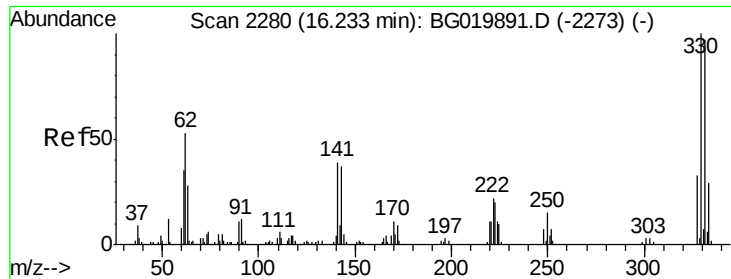
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019904.D
 Acq: 4 Dec 2015 12:49

Tgt Ion	164	Resp	96810
Ion Ratio	100	Lower	Upper
162	101.7	78.8	118.2
160	44.7	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

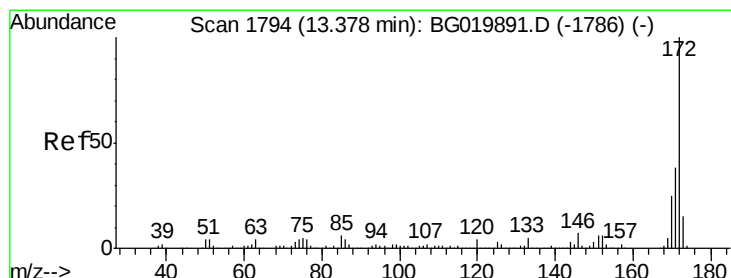
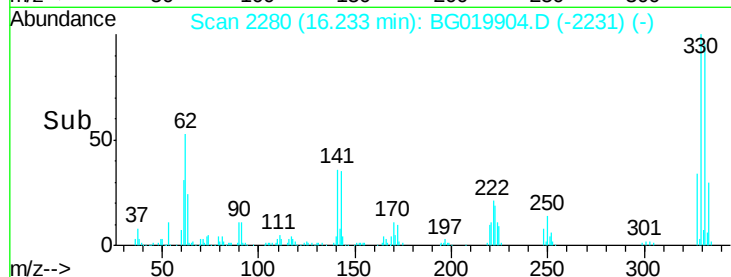
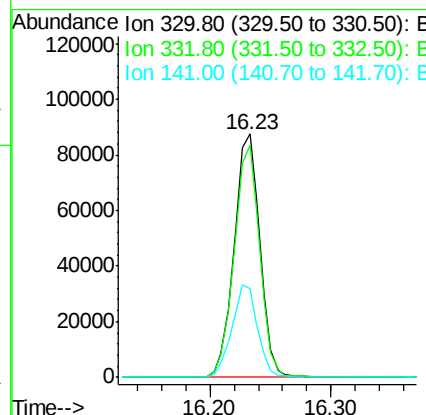
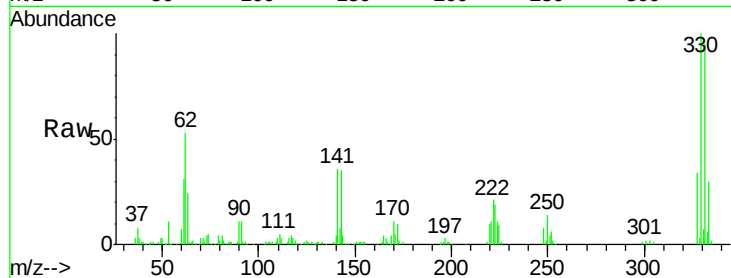




#41
 2,4,6-Tribromophenol
 Concen: 87.63 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019904.D
 Acq: 4 Dec 2015 12:49

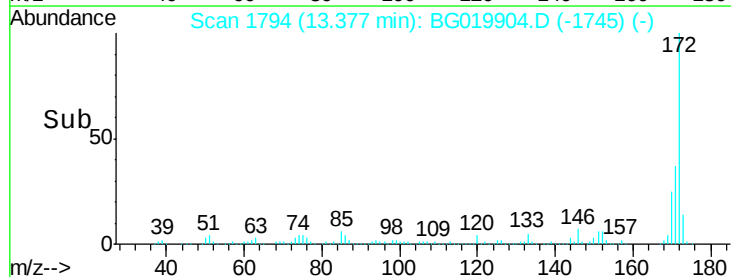
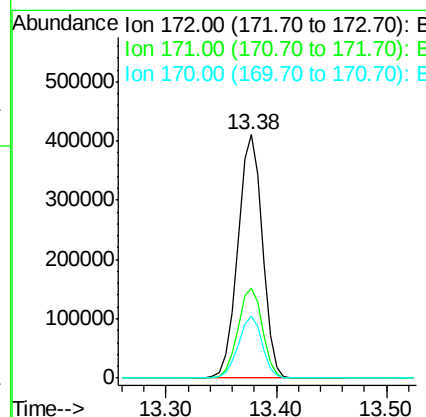
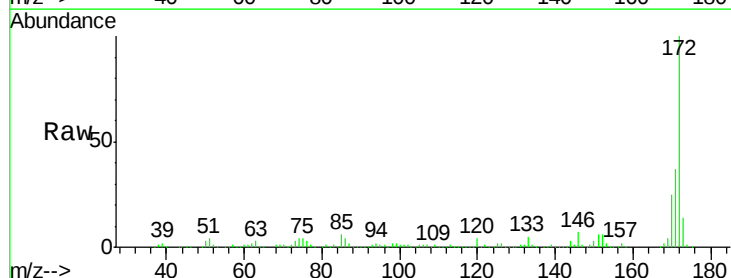
Instrument :
 BNA_G
 ClientSampled :

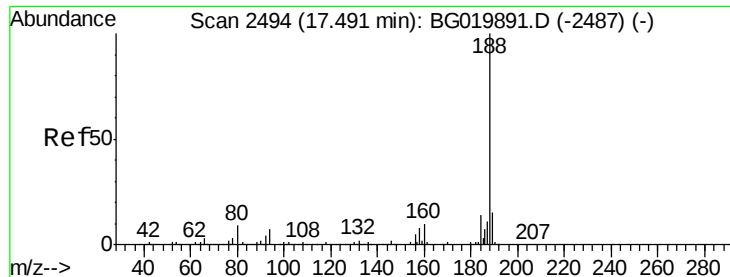
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	37.6	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 89.99 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019904.D
 Acq: 4 Dec 2015 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: BG019904.D

Acq: 4 Dec 2015 12:49

Instrument :

BNA_G

ClientSampleId :

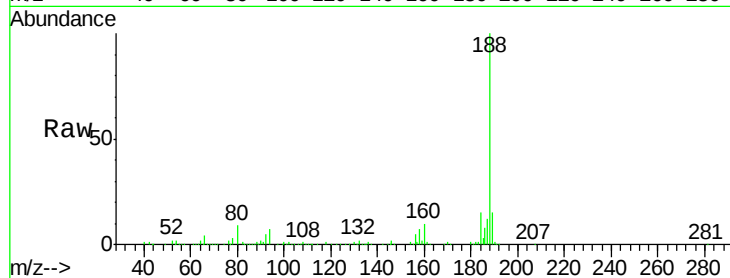
Tot Ion:188 Resp: 241832

Ion Ratio Lower Upper

188 100

94 7.3 7.7 11.5#

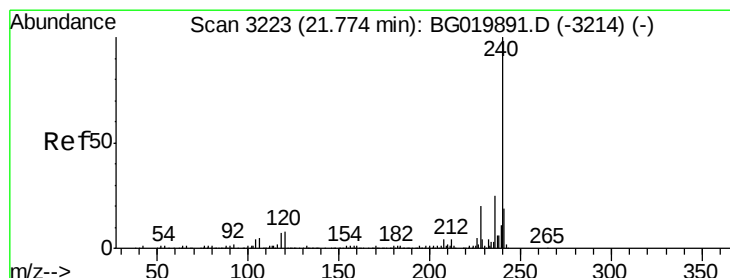
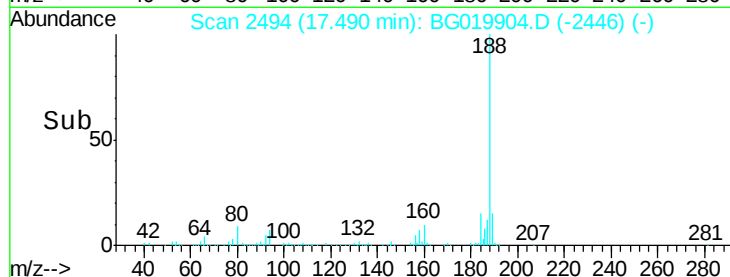
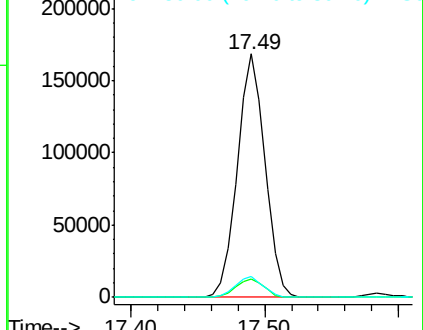
80 8.7 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG019904.D

Acq: 4 Dec 2015 12:49

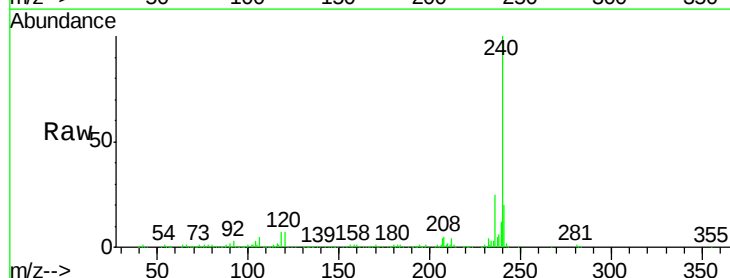
Tgt Ion:240 Resp: 286854

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

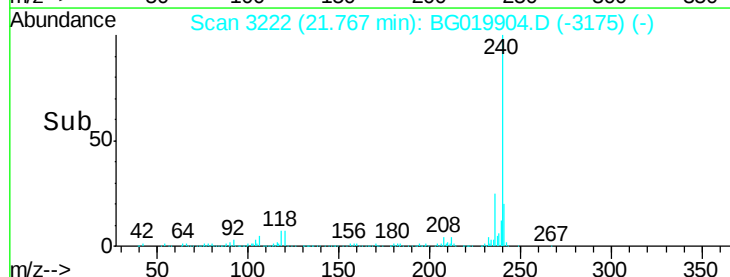
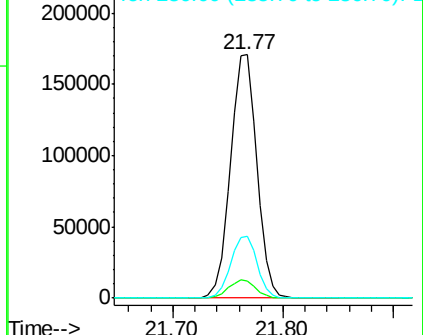
236 25.2 20.7 31.1

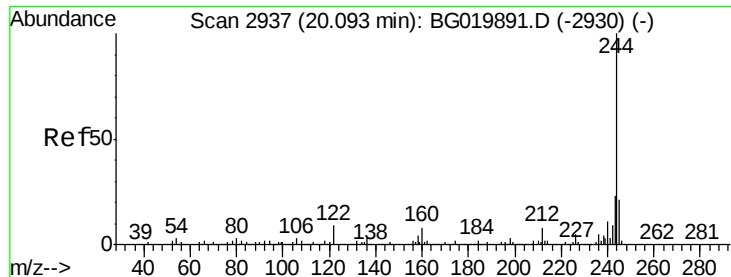


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.46 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019904.D

Acq: 4 Dec 2015 12:49

Instrument :

BNA_G

ClientSampled :

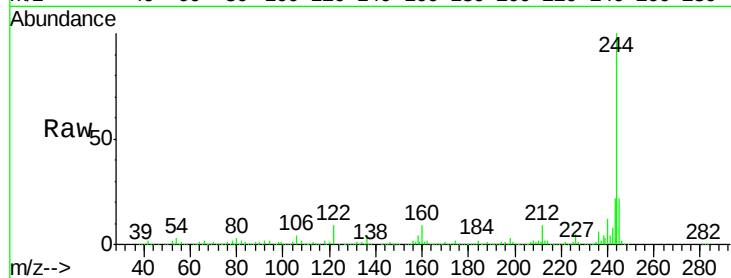
Tot Ion:244 Resp: 1063882

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

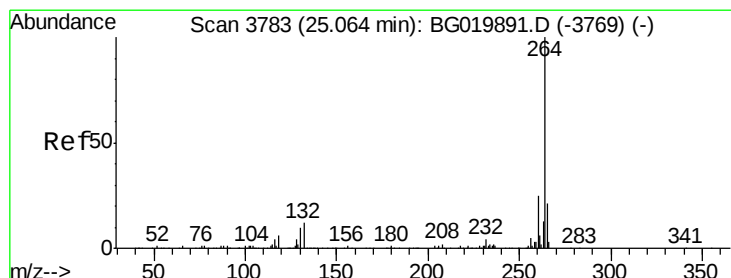
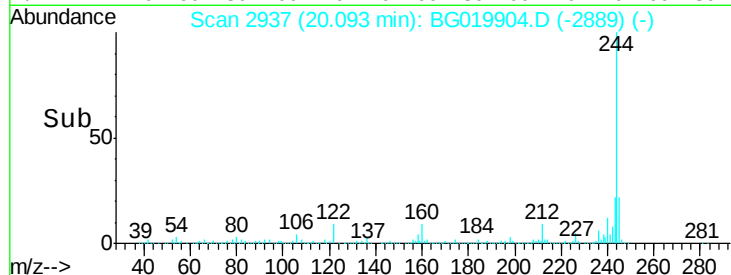
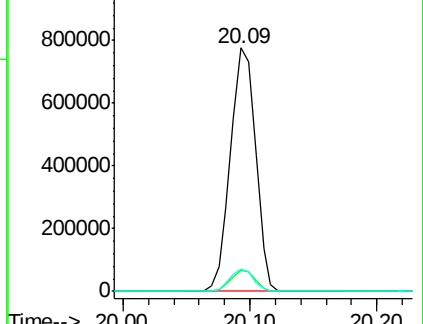
122 9.3 10.2 15.2#



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: 25.05 min Scan# 3781

Delta R.T. -0.04 min

Lab File: BG019904.D

Acq: 4 Dec 2015 12:49

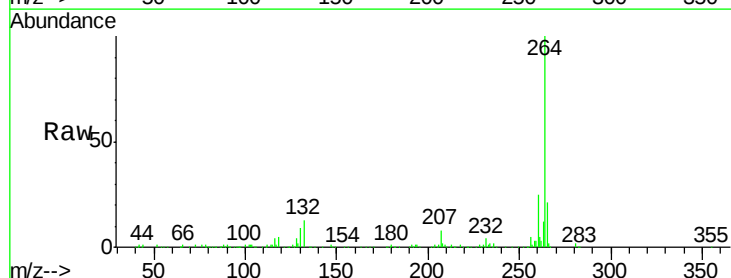
Tgt Ion:264 Resp: 268544

Ion Ratio Lower Upper

264 100

260 24.9 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

