

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019903.D
 Acq On : 4 Dec 2015 12:11
 Operator : UM/NP
 Sample : G4613-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 12:53:43 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	27183	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	122243	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	89969	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	224966	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	265576	20.00	ng	-0.03
86) Perylene-d12	25.05	264	249844	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74878	49.79	ng	-0.01
7) Phenol-d6	7.26	99	73801	32.50	ng	-0.01
23) Nitrobenzene-d5	9.29	82	238122	99.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	128484	93.33	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	617332	93.69	ng	-0.01
78) Terphenyl-d14	20.09	244	1031507	94.74	ng	-0.02

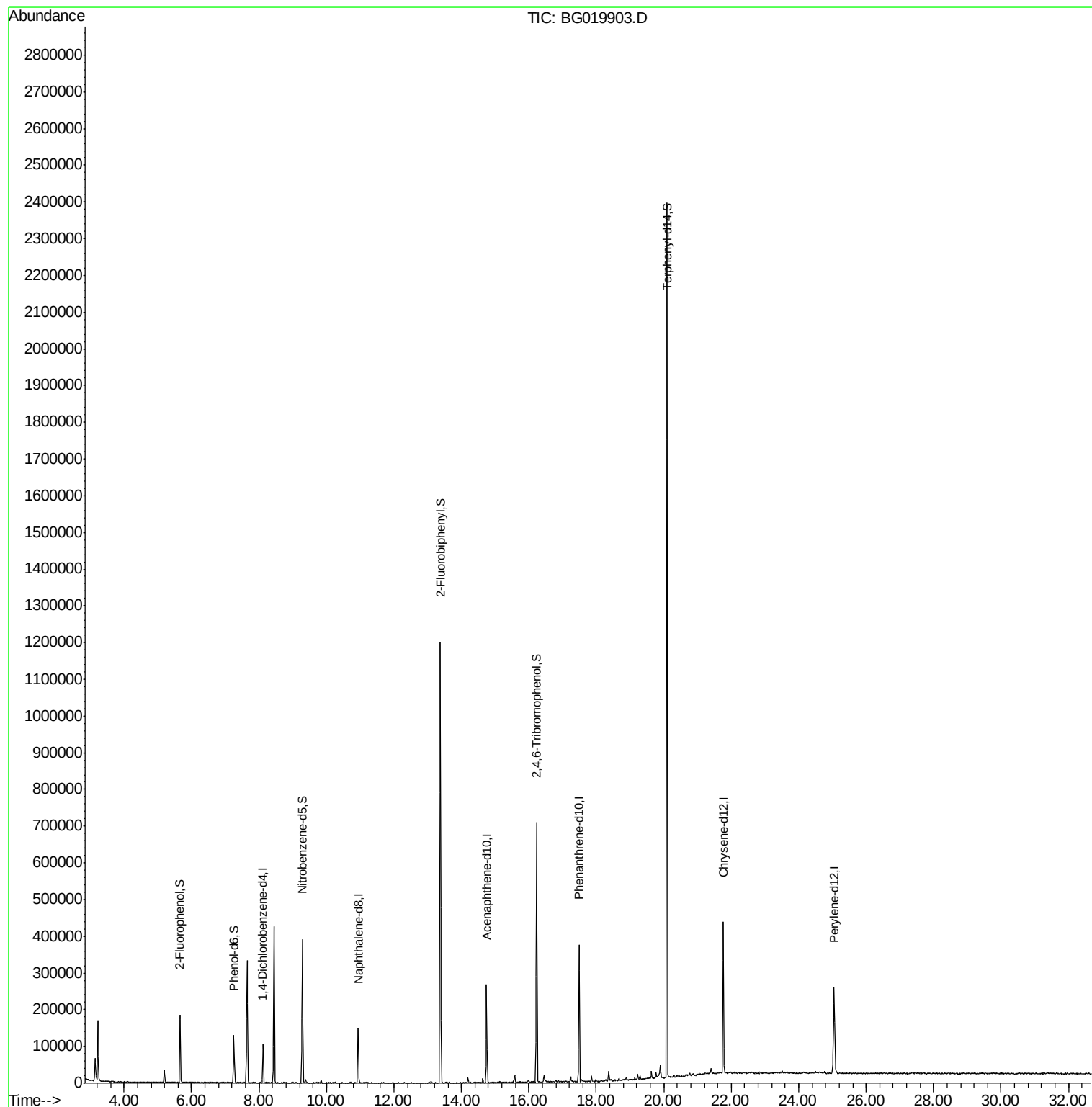
Target Compounds Qvalue

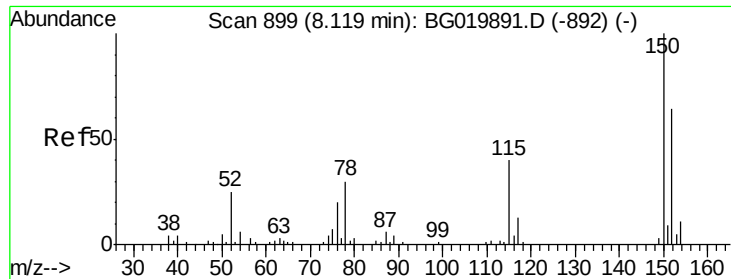
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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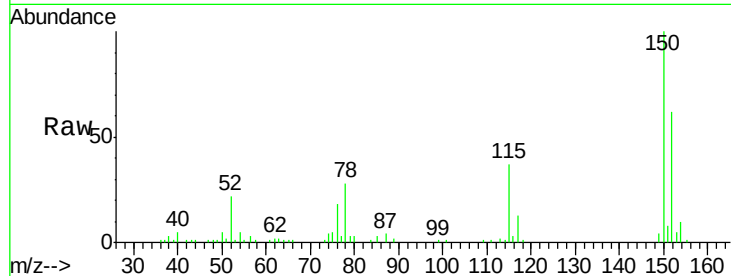


#1

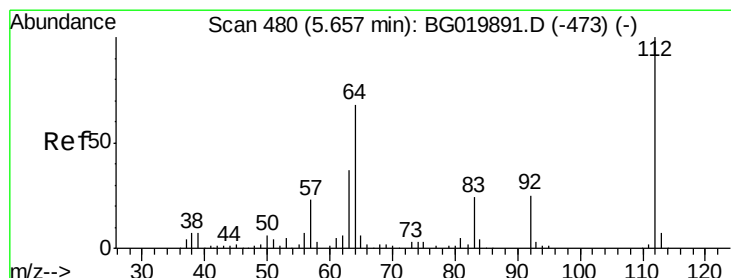
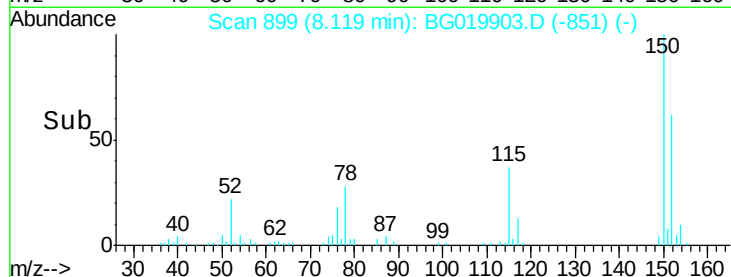
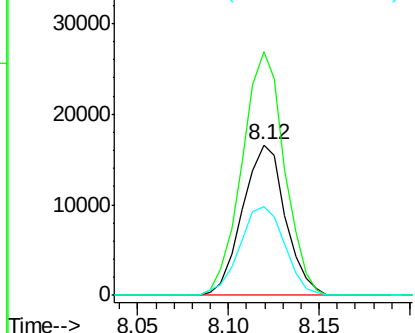
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27183
Ion Ratio Lower Upper
152 100
150 161.5 115.0 172.4
115 59.1 43.9 65.9



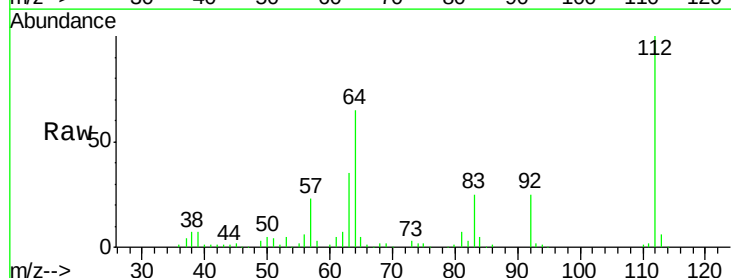
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



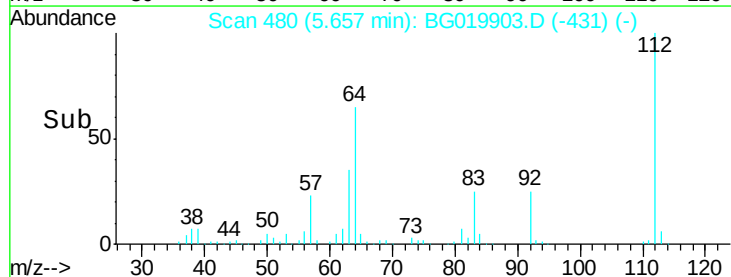
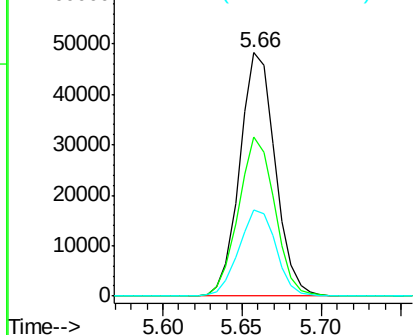
#5

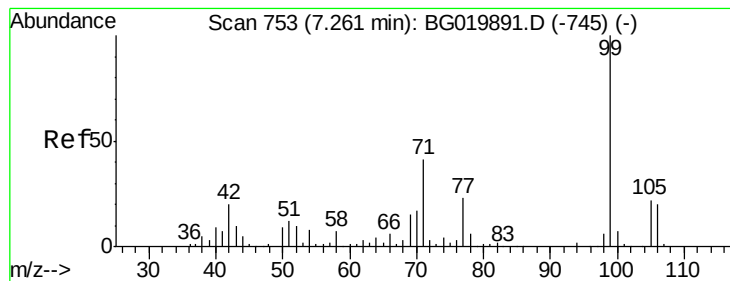
2-Fluorophenol
Concen: 49.79 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Tgt Ion:112 Resp: 74878
Ion Ratio Lower Upper
112 100
64 65.5 43.7 65.5
63 35.5 24.0 36.0



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: 32.50 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

Instrument :

BNA_G

ClientSampleId :

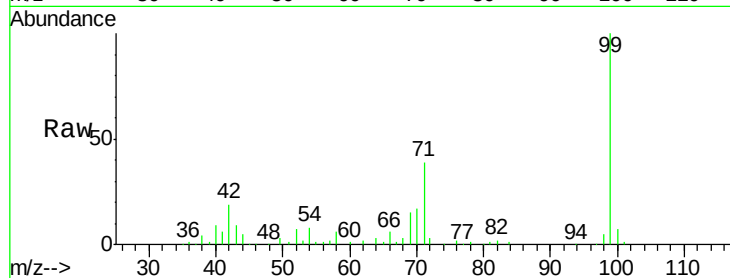
Tot Ion: 99 Resp: 73801

Ion Ratio Lower Upper

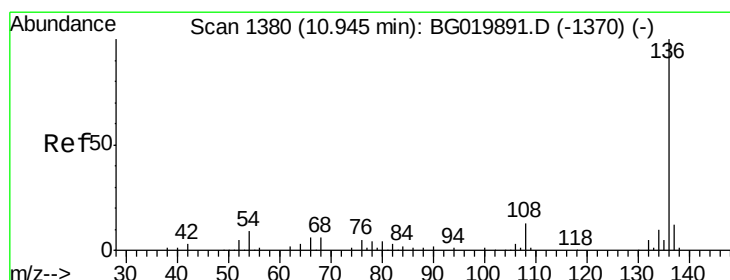
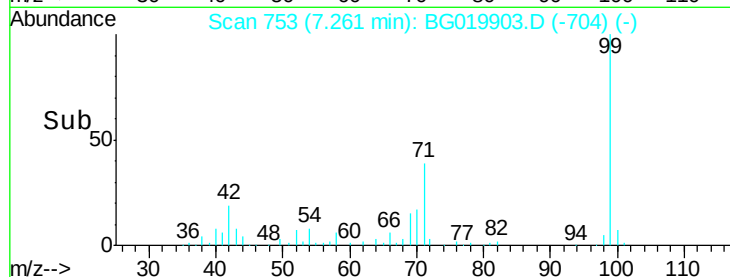
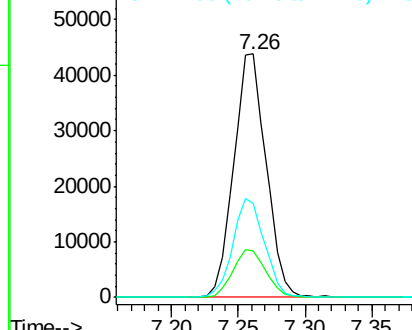
99 100

42 19.0 11.5 17.3#

71 38.8 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: BG019903.D

Acq: 4 Dec 2015 12:11

Tgt Ion: 136 Resp: 122243

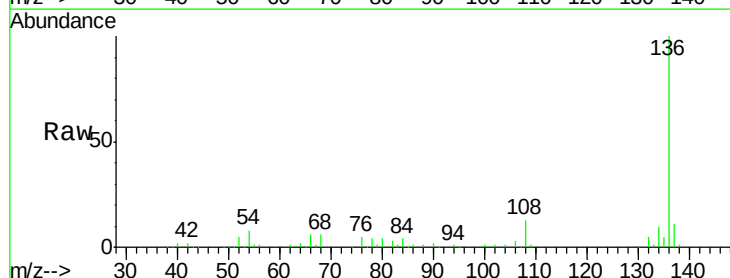
Ion Ratio Lower Upper

136 100

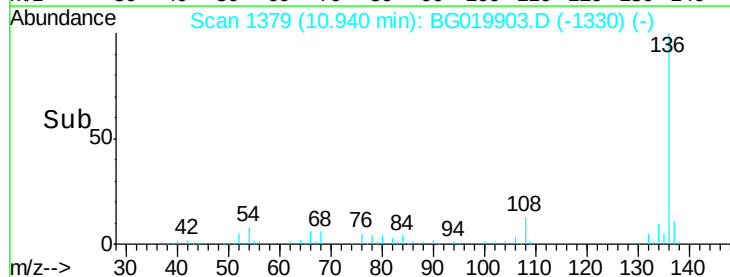
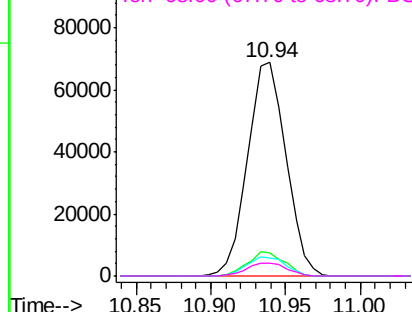
137 10.9 8.6 12.8

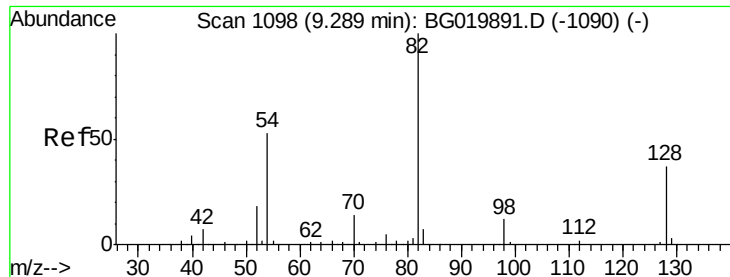
54 8.4 5.4 8.2#

68 6.0 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

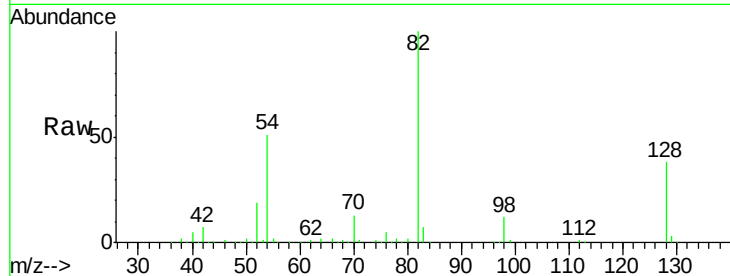




#23
 Nitrobenzene-d5
 Concen: 99.41 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Instrument :
 BNA_G
 ClientSampleID :

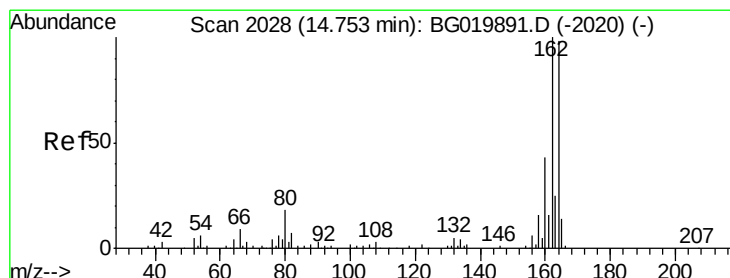
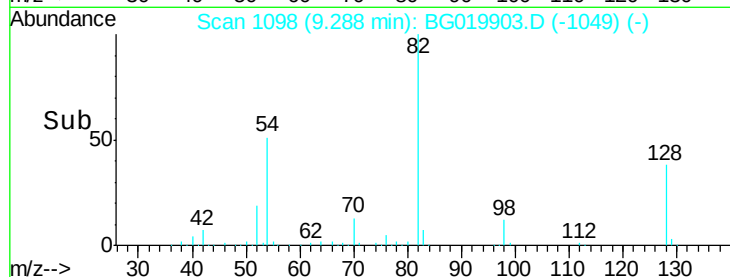
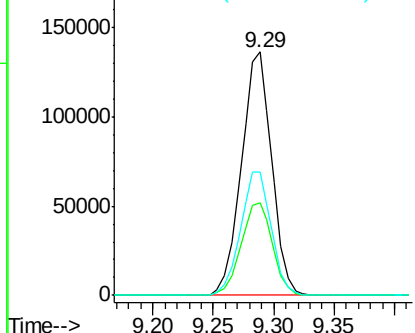
Tot Ion	82	Resp	238122
Ion Ratio	100	Lower	Upper
128	37.9	36.7	55.1
54	50.8	33.8	50.8



Abundance Ion 82.00 (81.70 to 82.70): BG019891.D (-1090) (-)

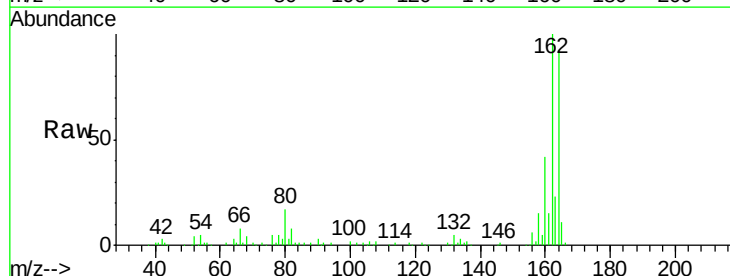
Ion 128.00 (127.70 to 128.70): BG019891.D (-1090) (-)

Ion 54.00 (53.70 to 54.70): BG019891.D (-1090) (-)



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

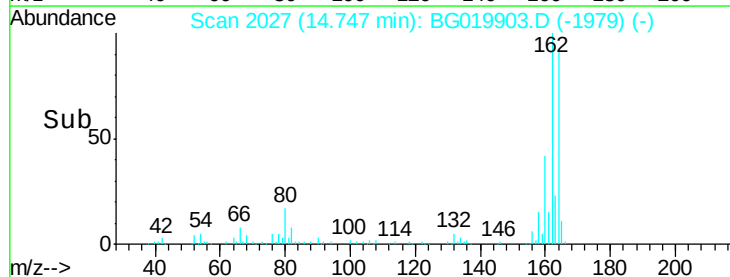
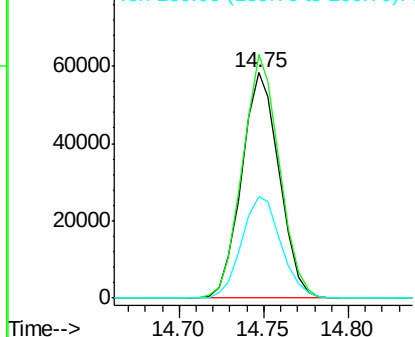
Tgt Ion	164	Resp	89969
Ion Ratio	100	Lower	Upper
162	108.2	78.8	118.2
160	45.2	36.4	54.6

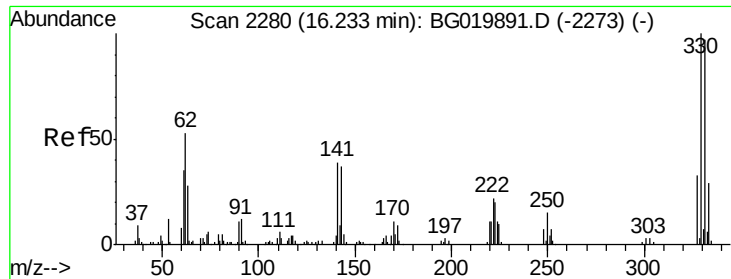


Abundance Ion 164.00 (163.70 to 164.70): BG019891.D (-2020) (-)

Ion 162.00 (161.70 to 162.70): BG019891.D (-2020) (-)

Ion 160.00 (159.70 to 160.70): BG019891.D (-2020) (-)

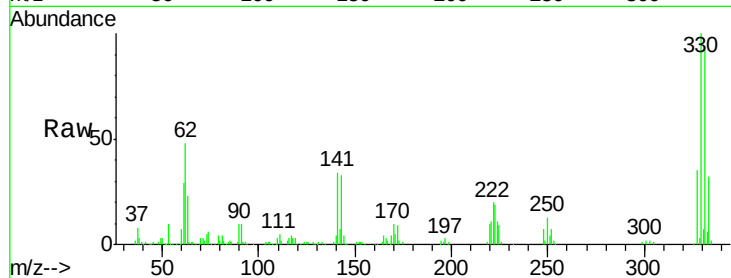




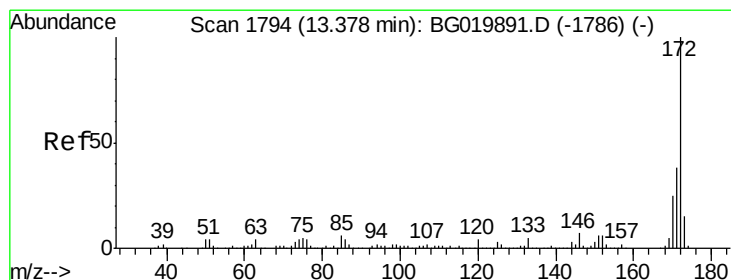
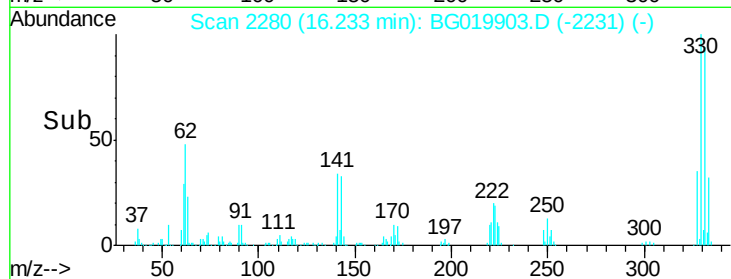
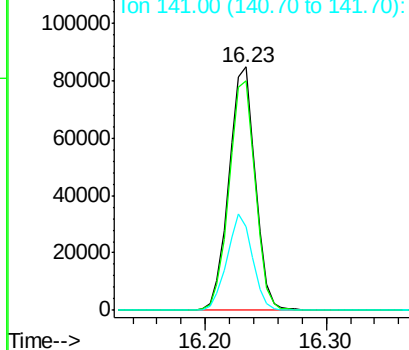
#41
 2,4,6-Tribromophenol
 Concen: 93.33 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 128484
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.1 117.1
 141 38.2 28.2 42.2

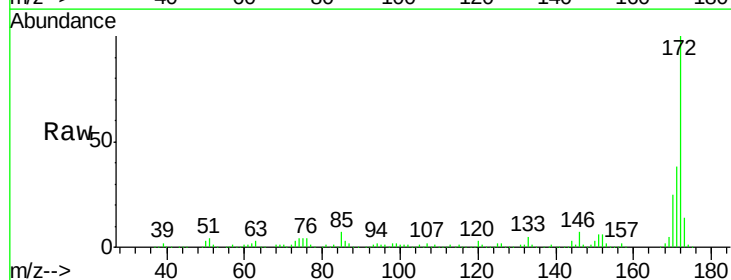


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

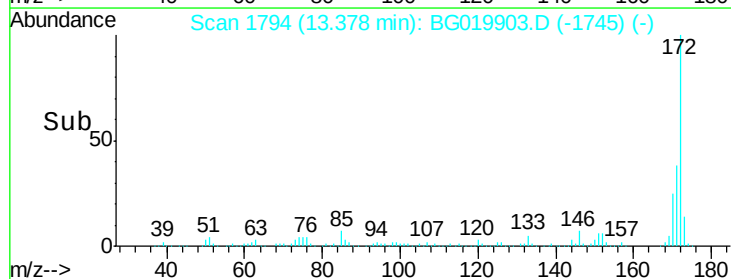
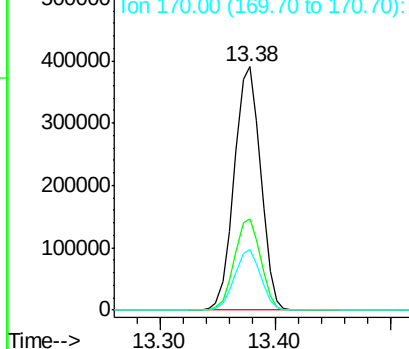


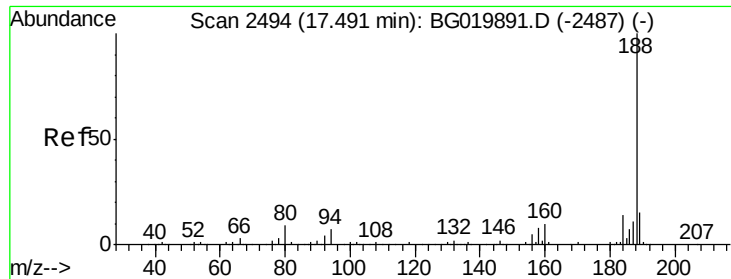
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Tgt Ion:172 Resp: 617332
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.8 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

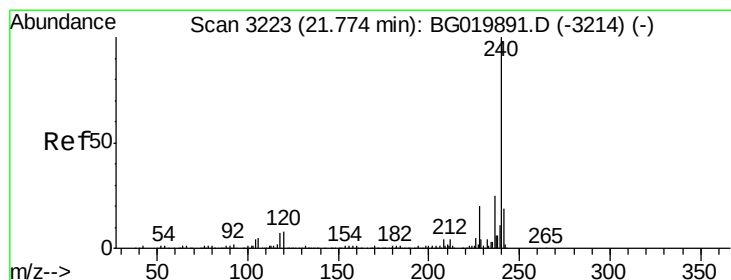
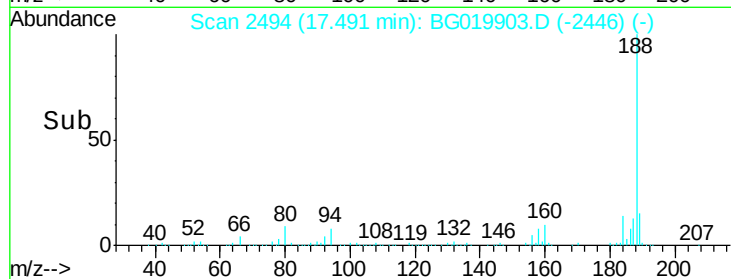
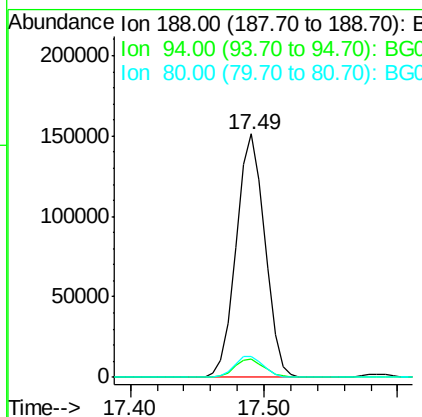
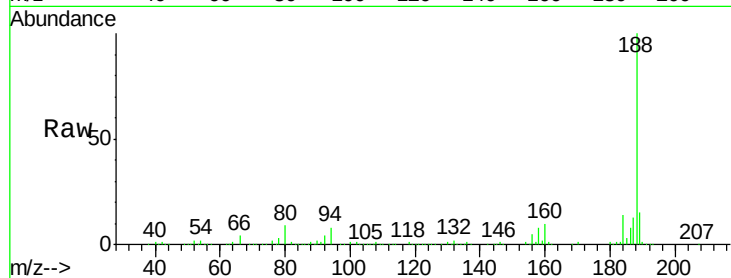




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

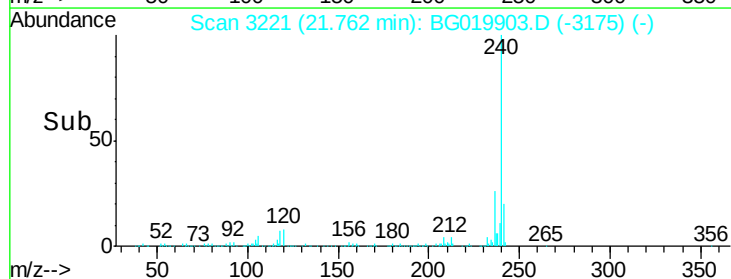
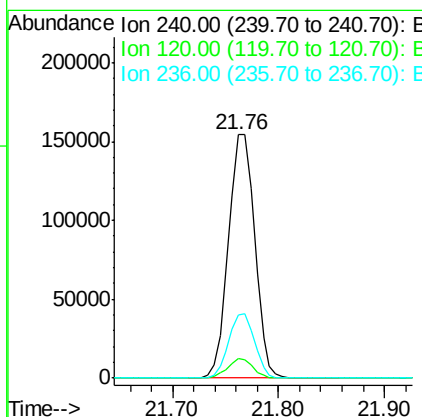
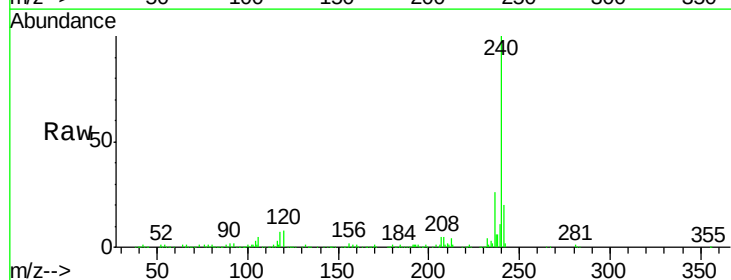
Instrument :
BNA_G
ClientSampleId :

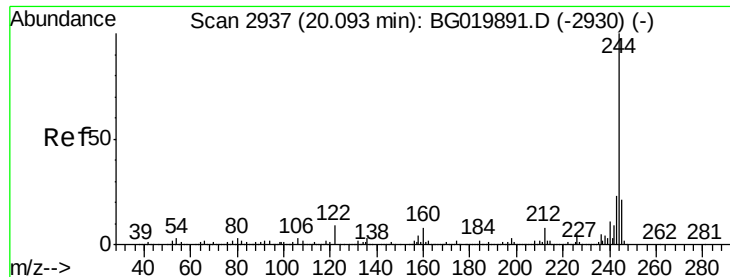
Tot Ion:188 Resp: 224966
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 8.8 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Tgt Ion:240 Resp: 265576
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 94.74 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

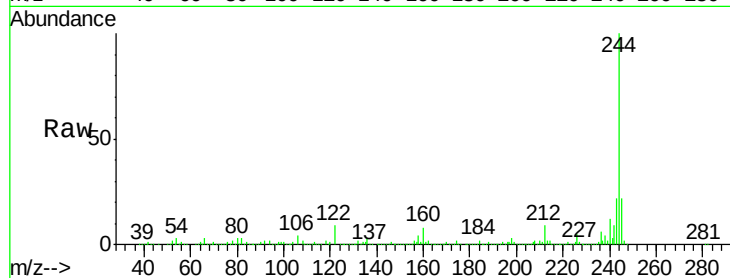
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1031507

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.1	10.2	15.2#

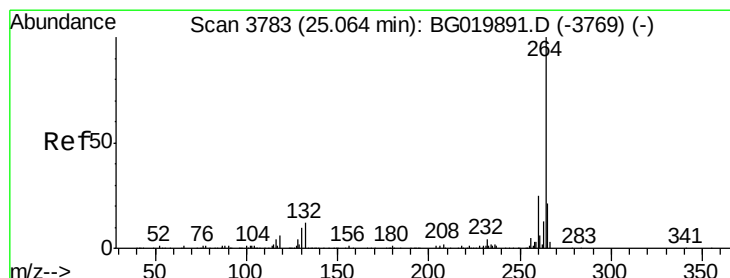
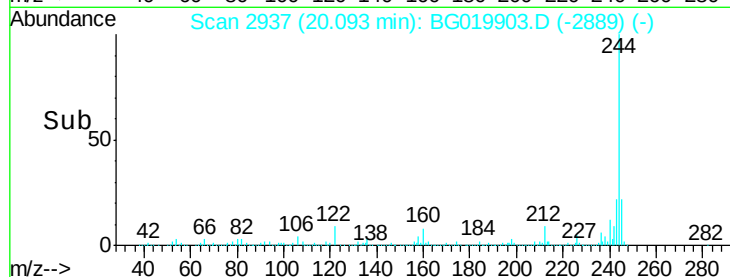
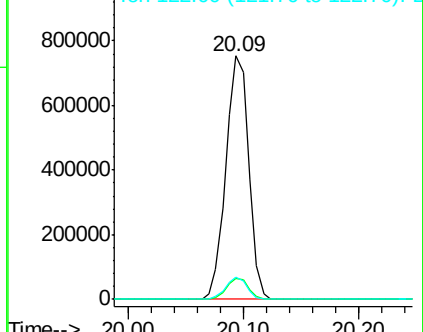


Abundance

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: 25.05 min Scan# 3781

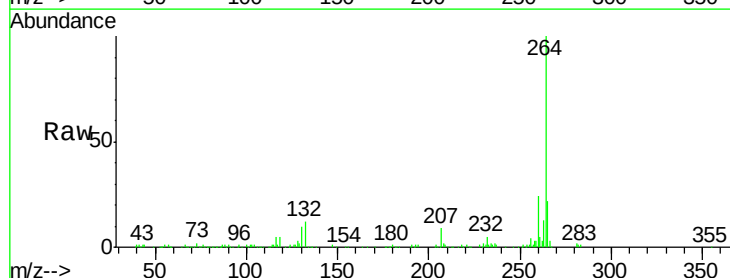
Delta R.T. -0.04 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

Tgt Ion:264 Resp: 249844

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.9	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

