

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020115.D
 Acq On : 11 Dec 2015 20:46
 Operator : UM/SJ
 Sample : G4729-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Quant Time: Dec 11 23:32:55 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	18985	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	79560	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	57668	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	155344	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	186355	20.00	ng	-0.05
86) Perylene-d12	25.01	264	170589	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	59396	56.54	ng	-0.02
7) Phenol-d6	7.25	99	55869	35.23	ng	-0.02
23) Nitrobenzene-d5	9.27	82	131637	84.44	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	120349	136.39	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	342605	81.12	ng	-0.04
78) Terphenyl-d14	20.07	244	657328	86.04	ng	-0.04

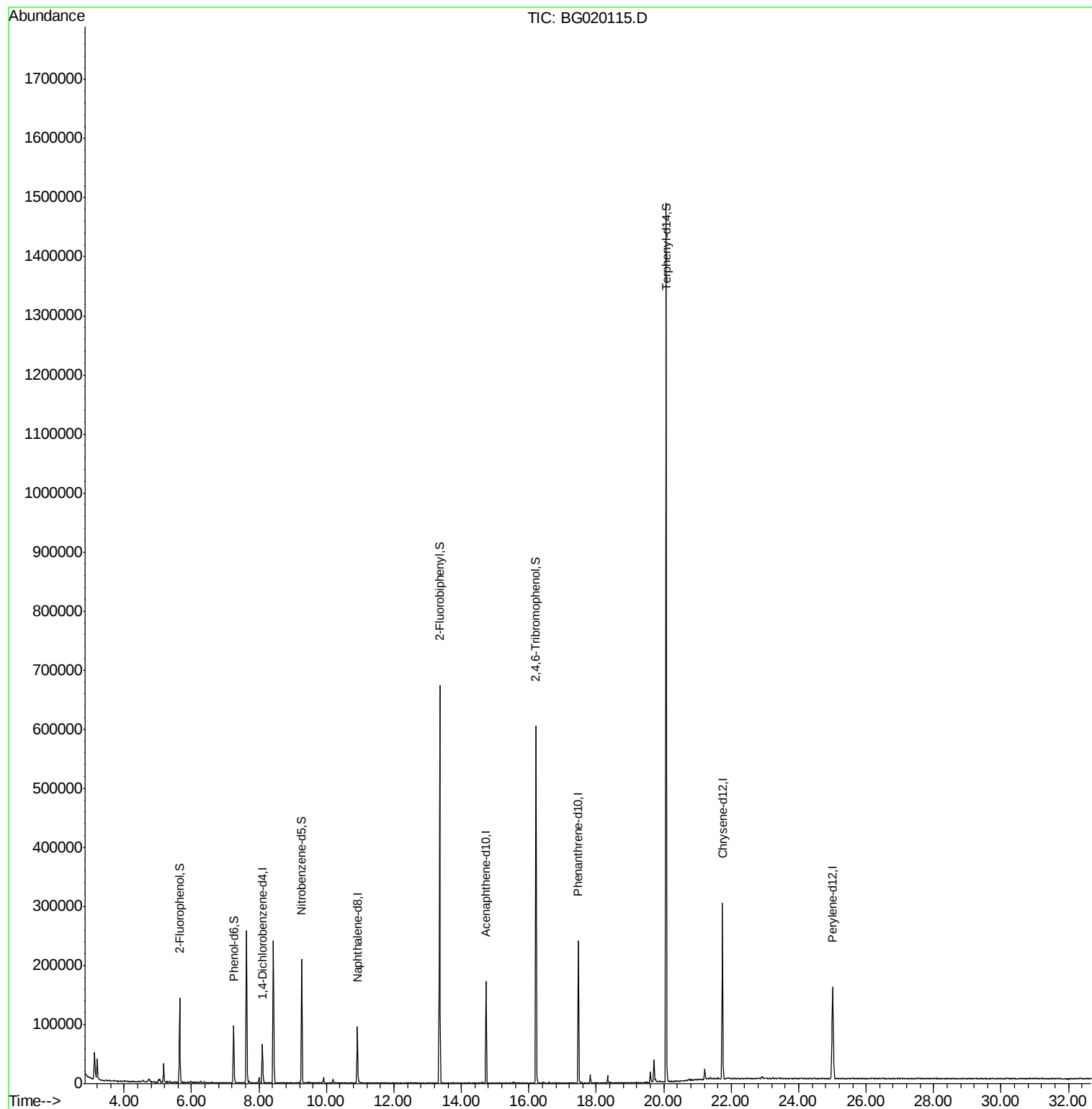
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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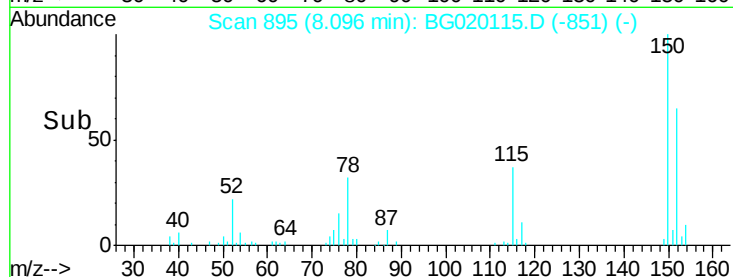
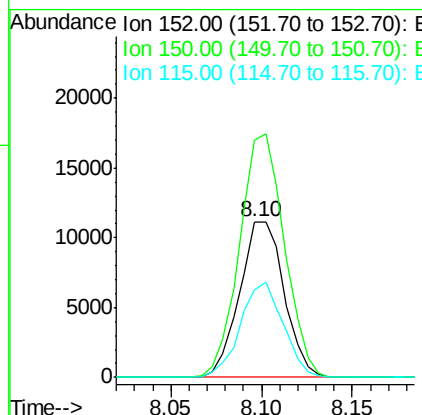
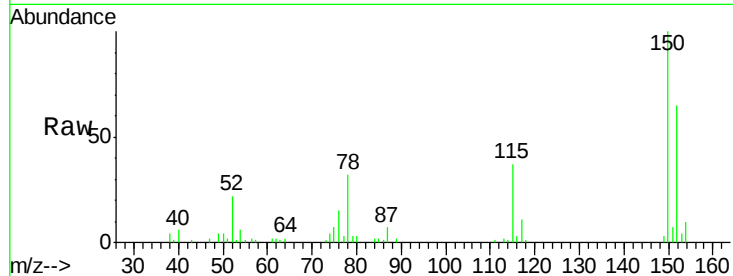




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.04 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

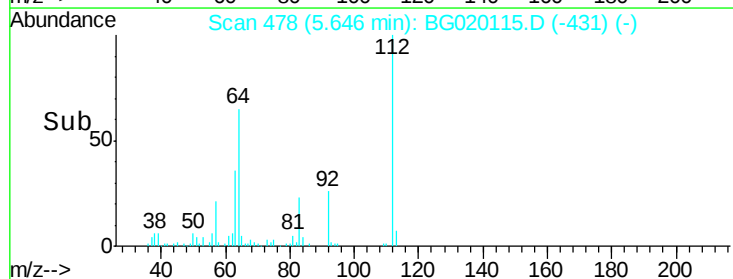
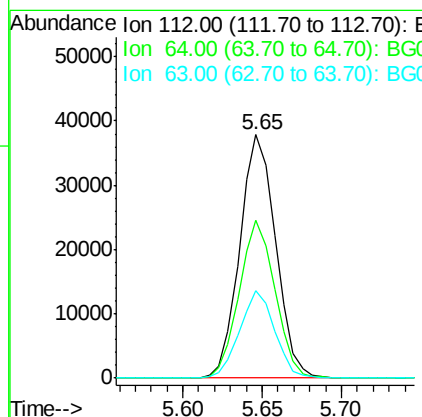
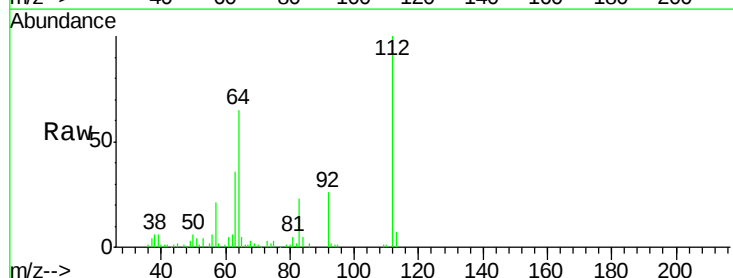
Instrument :
 BNA_G
 ClientSampleId :
 W-20

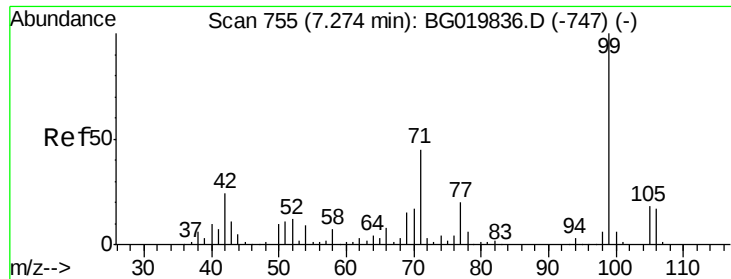
Tgt Ion:152 Resp: 18985
 Ion Ratio Lower Upper
 152 100
 150 152.7 115.0 172.4
 115 55.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 56.54 ng
 RT: 5.65 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

Tgt Ion:112 Resp: 59396
 Ion Ratio Lower Upper
 112 100
 64 64.8 43.7 65.5
 63 35.7 24.0 36.0





#7

Phenol-d6

Concen: 35.23 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020115.D

Acq: 11 Dec 2015 20:46

Instrument :

BNA_G

ClientSampleId :

W-20

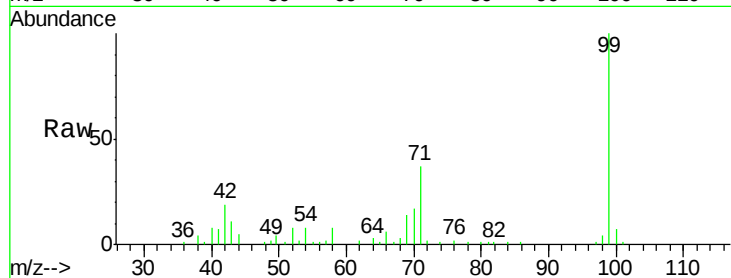
Tgt Ion: 99 Resp: 55869

Ion Ratio Lower Upper

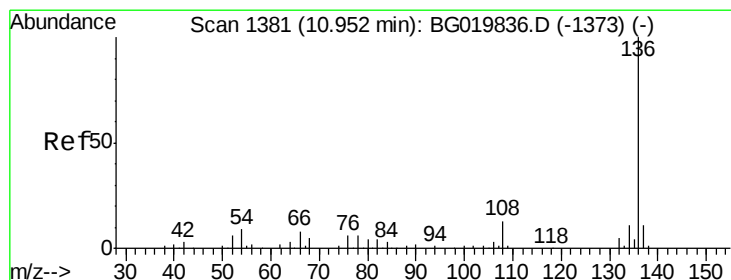
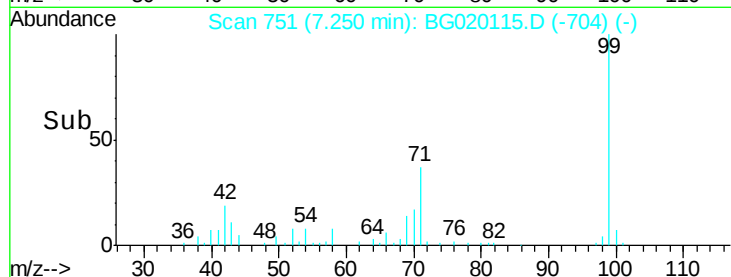
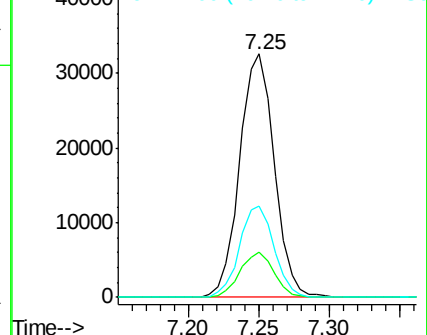
99 100

42 18.6 11.5 17.3#

71 37.4 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. -0.04 min

Lab File: BG020115.D

Acq: 11 Dec 2015 20:46

Tgt Ion: 136 Resp: 79560

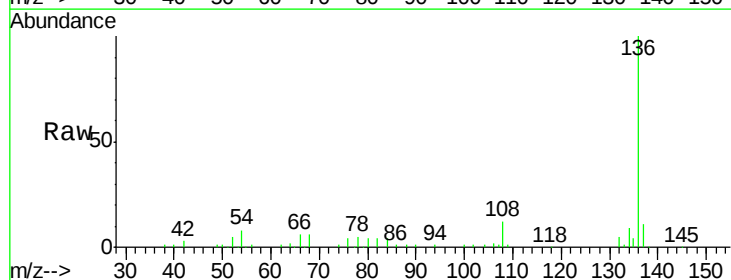
Ion Ratio Lower Upper

136 100

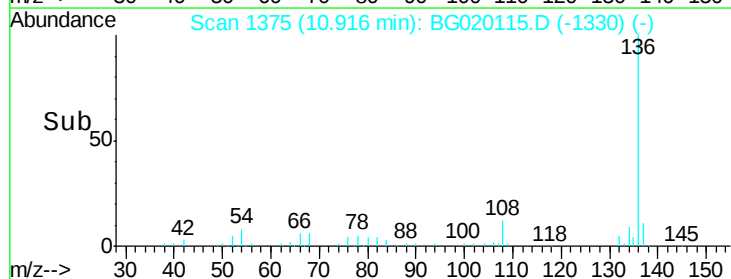
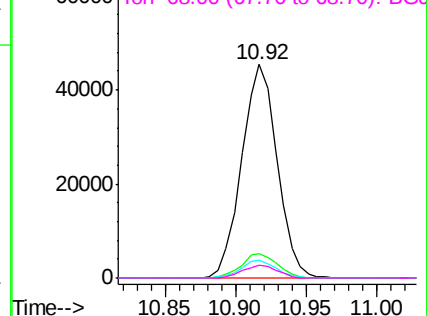
137 11.4 8.6 12.8

54 8.5 5.4 8.2#

68 6.1 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

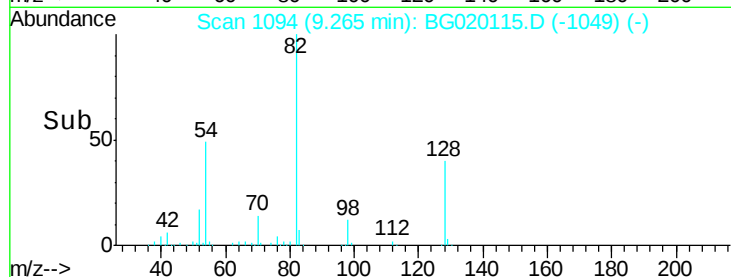
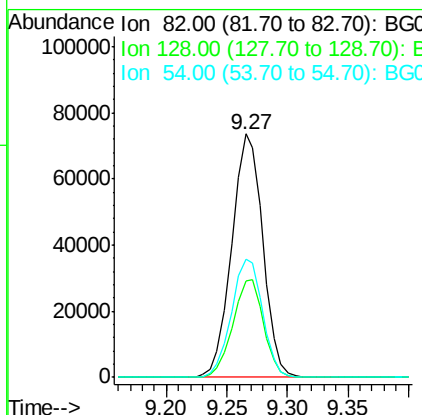
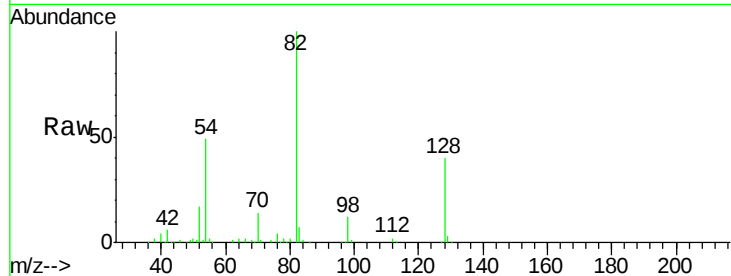




#23
 Nitrobenzene-d5
 Concen: 84.44 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

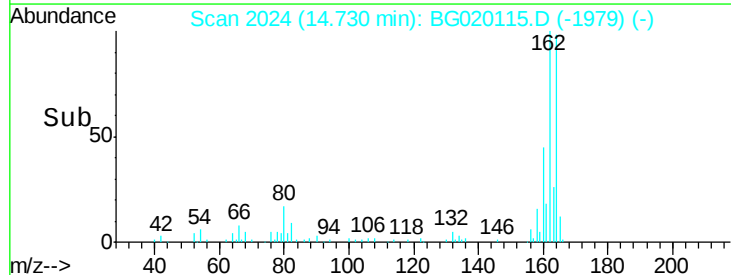
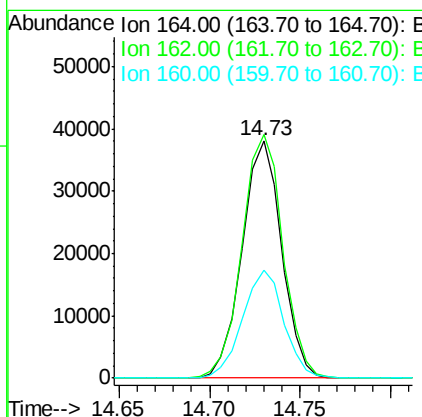
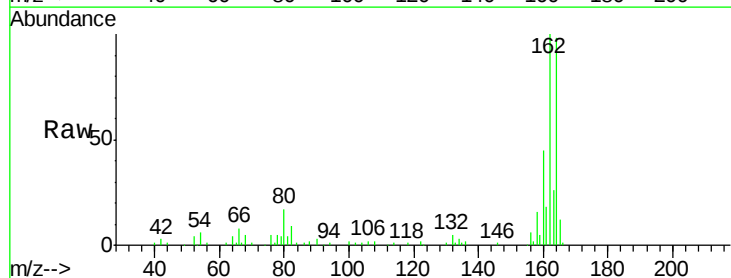
Instrument :
 BNA_G
 ClientSampleID :
 W-20

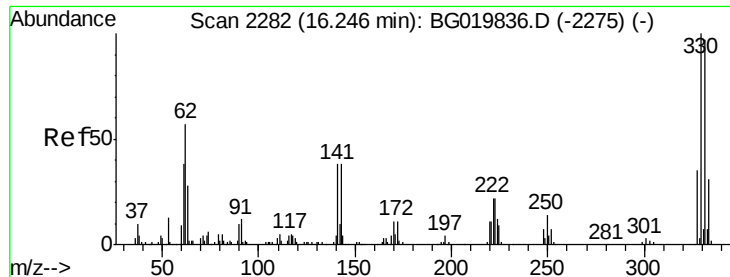
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.7	55.1
54	48.7	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	45.6	36.4	54.6

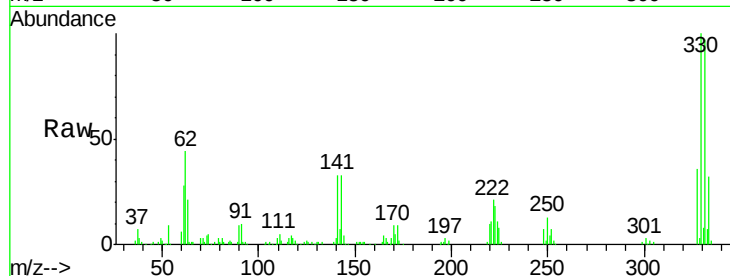




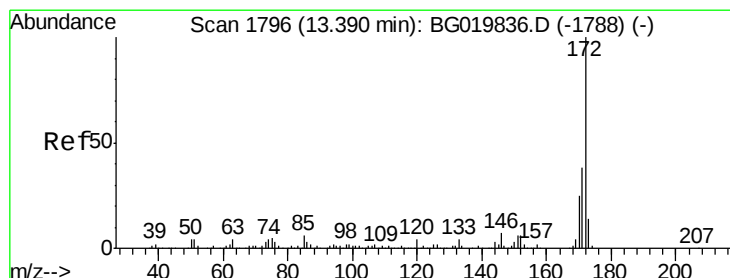
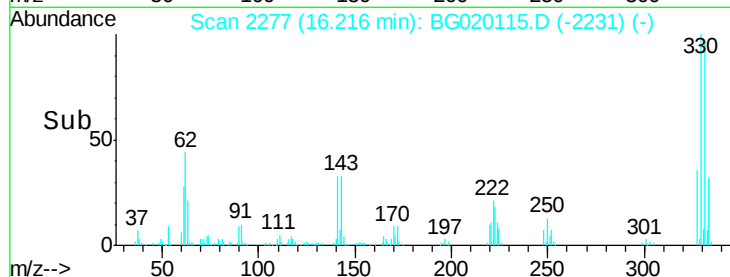
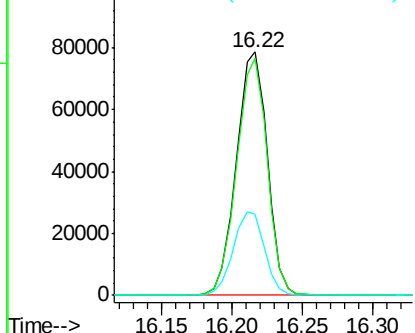
#41
 2,4,6-Tribromophenol
 Concen: 136.39 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	34.6	28.2	42.2

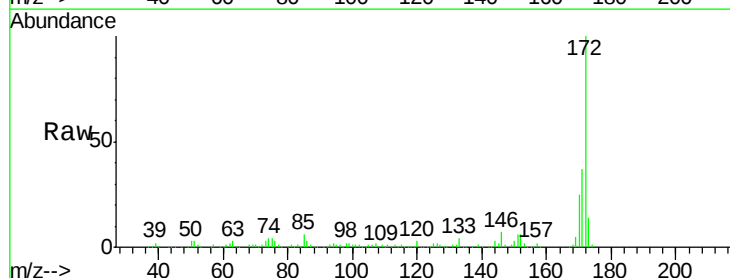


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

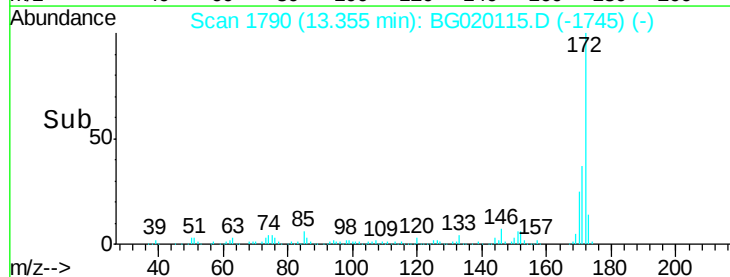
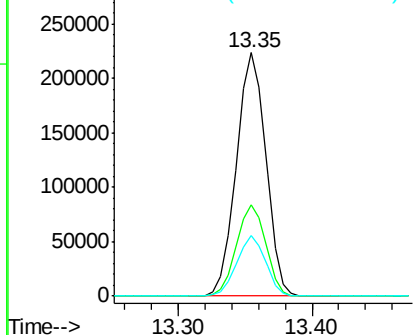


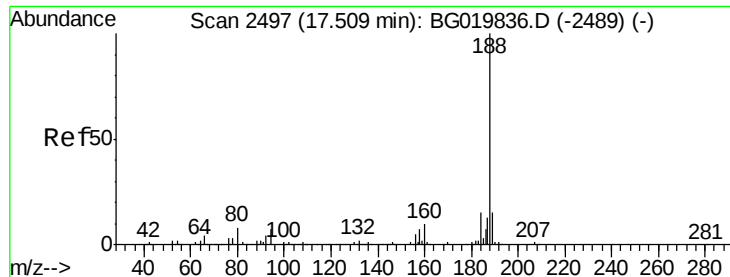
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020115.D
 Acq: 11 Dec 2015 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	25.1	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

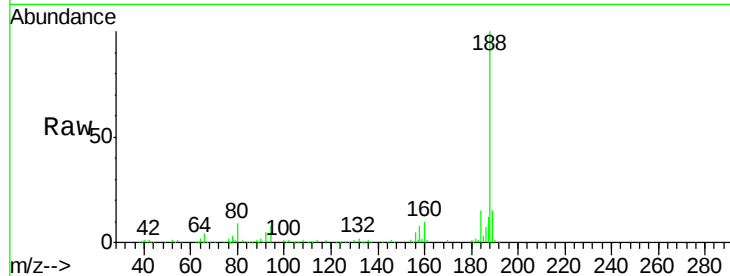




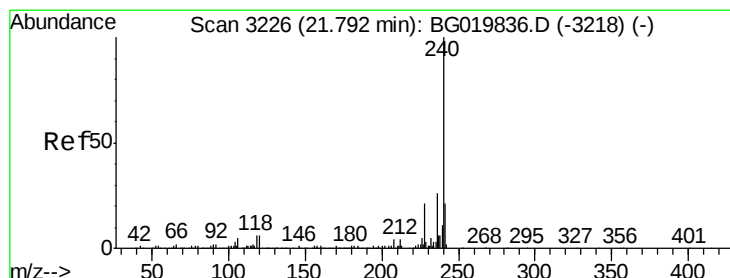
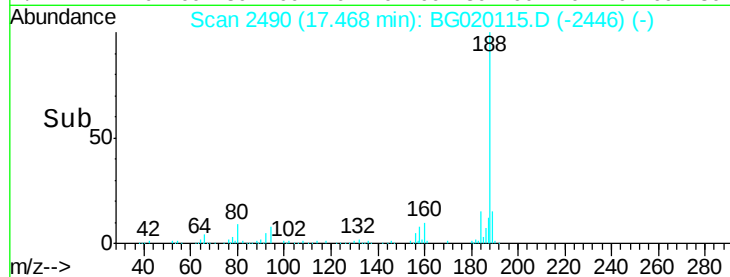
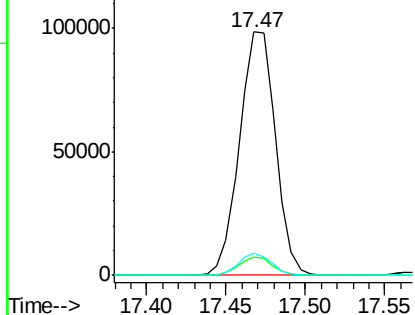
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020115.D
Acq: 11 Dec 2015 20:46

Instrument :
BNA_G
ClientSampleId :
W-20

Tgt Ion:188 Resp: 155344
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 9.1 7.8 11.8

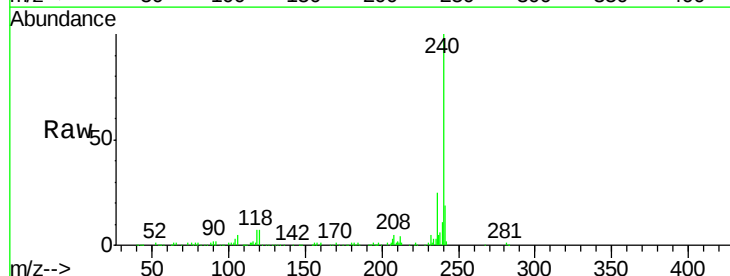


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020115.D
Acq: 11 Dec 2015 20:46

Tgt Ion:240 Resp: 186355
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.3 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

