

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019155.D
 Acq On : 12 Oct 2015 10:30
 Operator : UM/NP
 Sample : G3978-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW20

Quant Time: Oct 13 01:03:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17086	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	75982	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	54644	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	139988	20.00	ng	0.00
75) Chrysene-d12	21.68	240	163920	20.00	ng	0.00
86) Perylene-d12	24.90	264	160728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	56837	67.73	ng	0.00
7) Phenol-d6	7.19	99	54425	42.22	ng	0.00
23) Nitrobenzene-d5	9.19	82	150252	109.26	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	122702	164.78	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	382802	107.72	ng	0.00
78) Terphenyl-d14	20.02	244	645237	103.98	ng	0.00

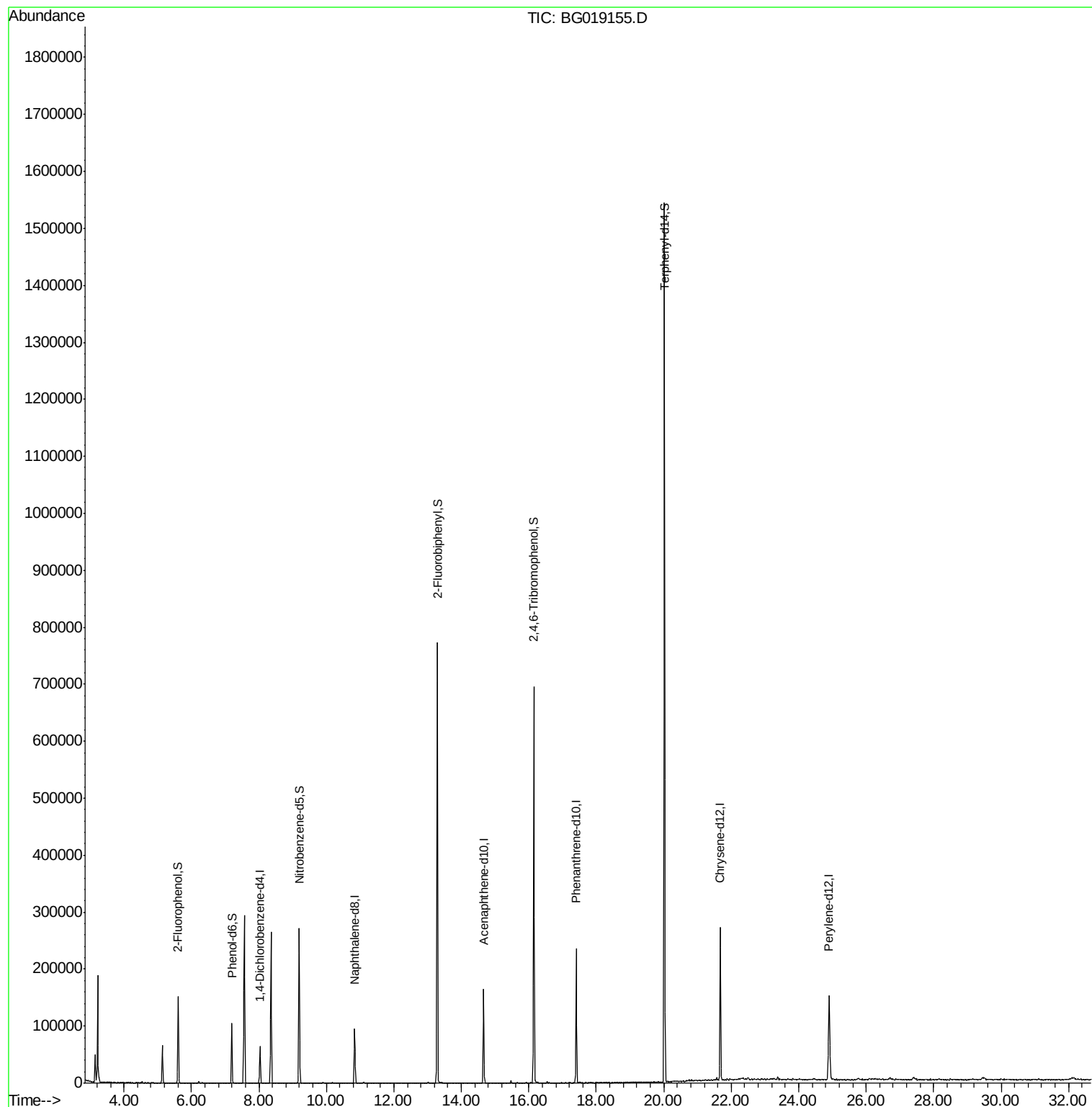
Target Compounds	Qvalue
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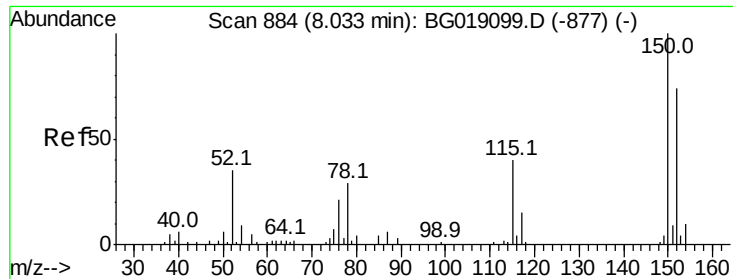
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

Instrument :

BNA_G

ClientSampleId :

MW20

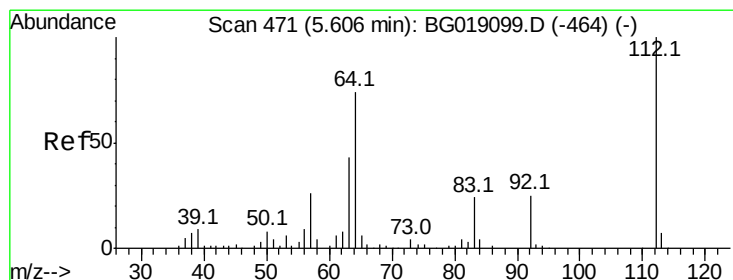
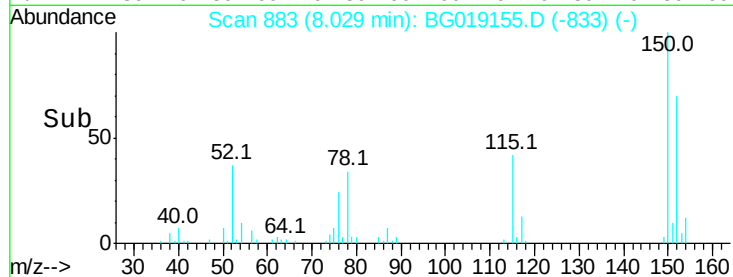
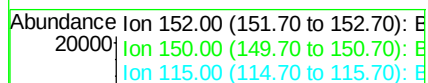
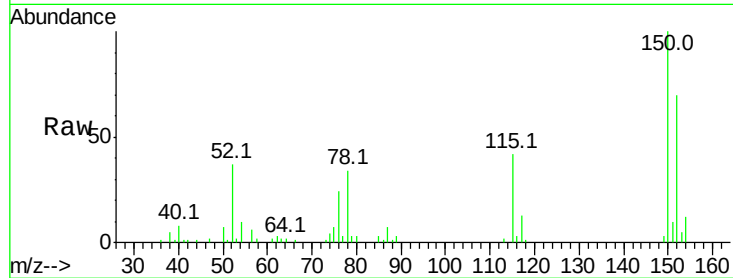
Tot Ion:152 Resp: 17086

Ion Ratio Lower Upper

152 100

150 143.5 108.2 162.2

115 60.6 43.2 64.8



#5

2-Fluorophenol

Concen: 67.73 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

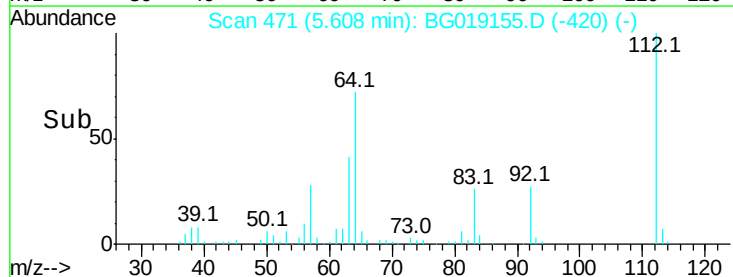
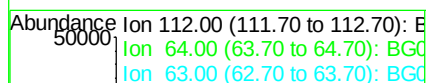
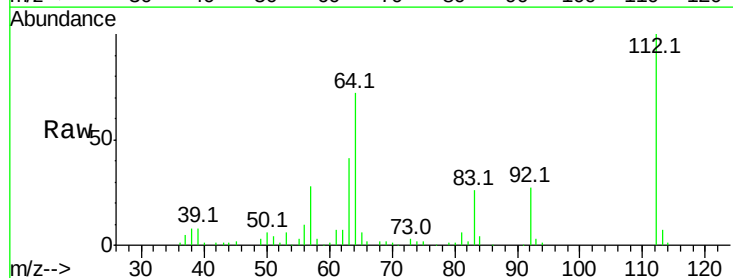
Tgt Ion:112 Resp: 56837

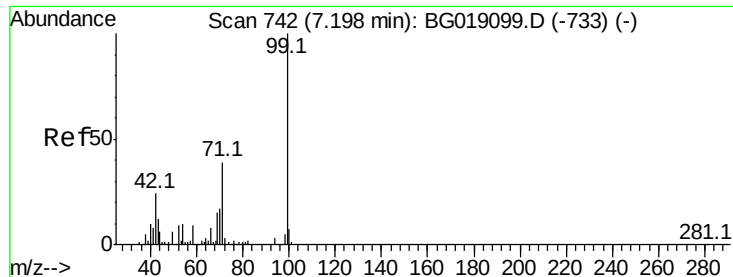
Ion Ratio Lower Upper

112 100

64 72.2 59.0 88.4

63 40.7 34.7 52.1





#7

Phenol-d6

Concen: 42.22 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

Instrument :

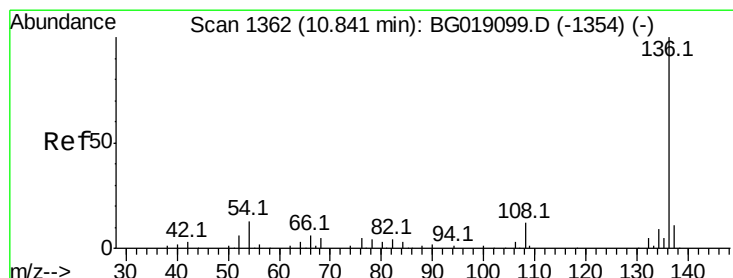
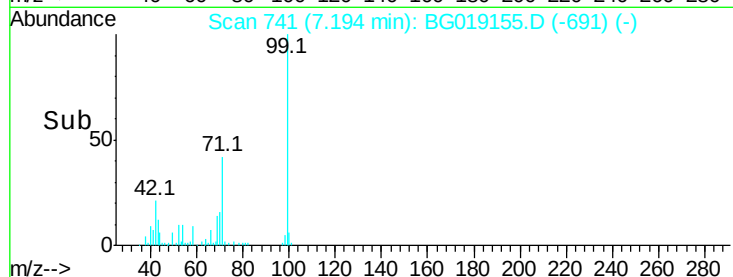
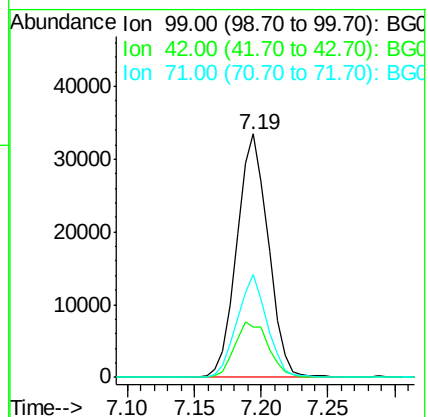
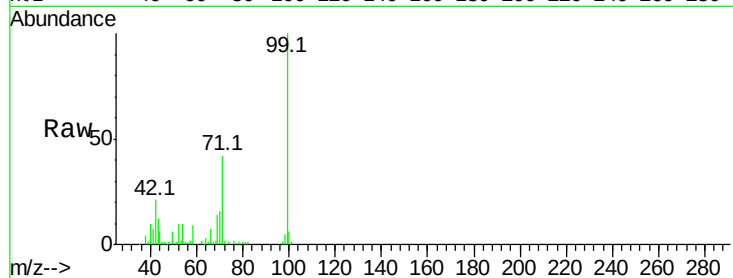
BNA_G

ClientSampleId :

MW20

Tot Ion: 99 Resp: 54425

Ion	Ratio	Lower	Upper
99	100		
42	20.7	19.5	29.3
71	42.2	31.4	47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1361

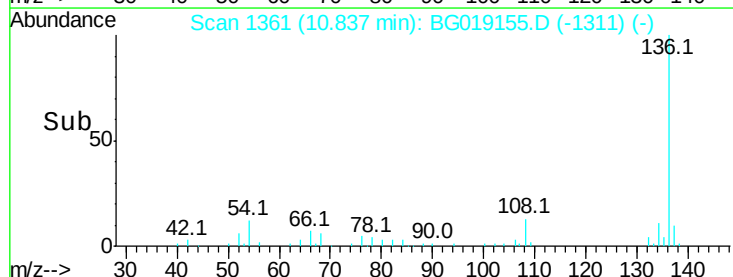
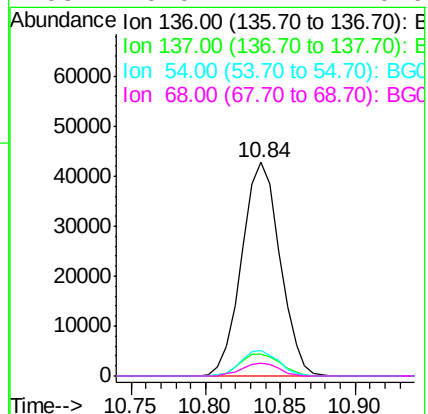
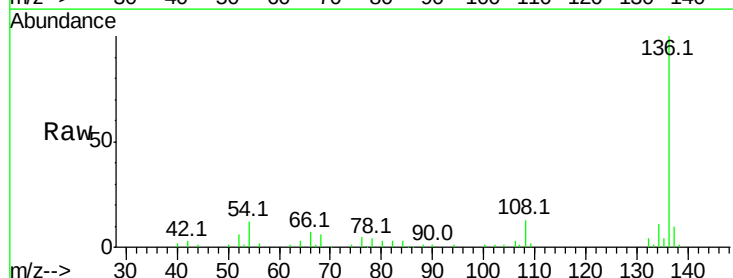
Delta R.T. -0.00 min

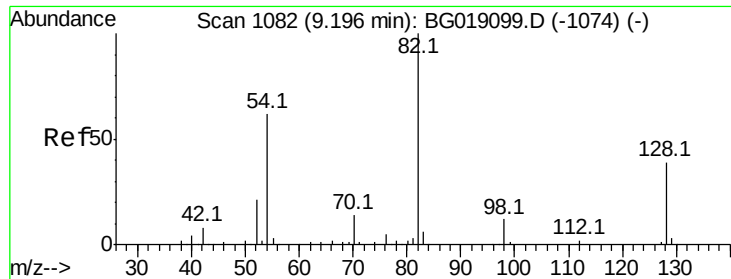
Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

Tgt Ion: 136 Resp: 75982

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	11.9	10.1	15.1
68	6.0	4.4	6.6

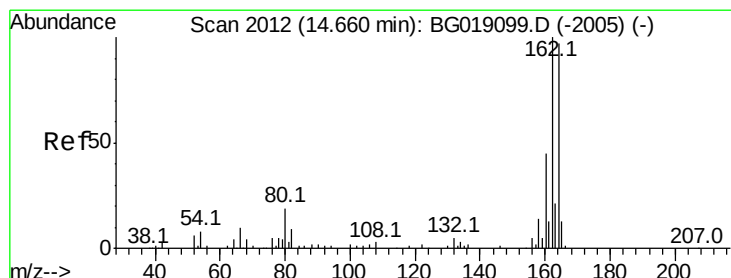
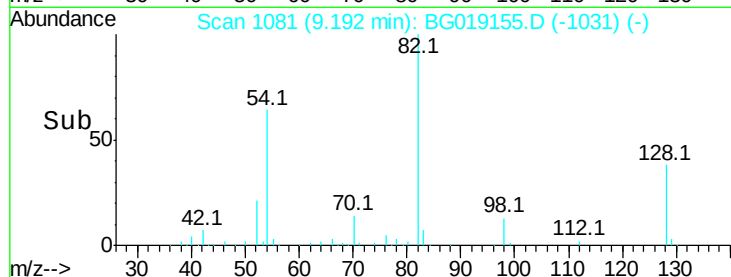
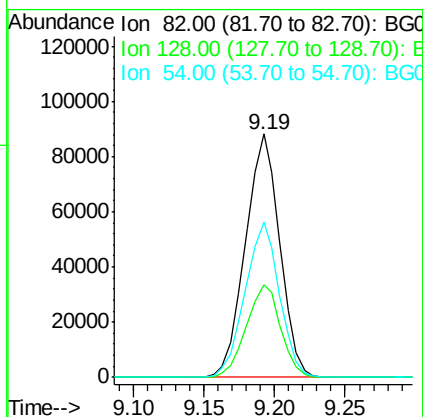
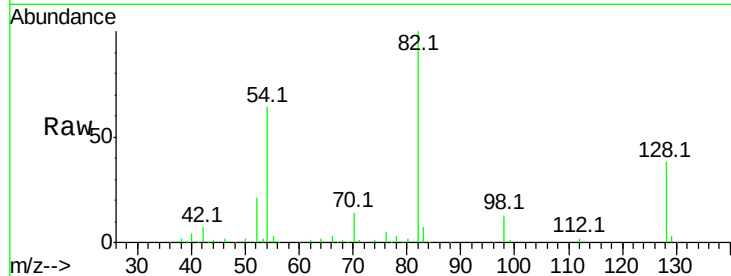




#23
Nitrobenzene-d5
Concen: 109.26 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019155.D
Acq: 12 Oct 2015 10:30

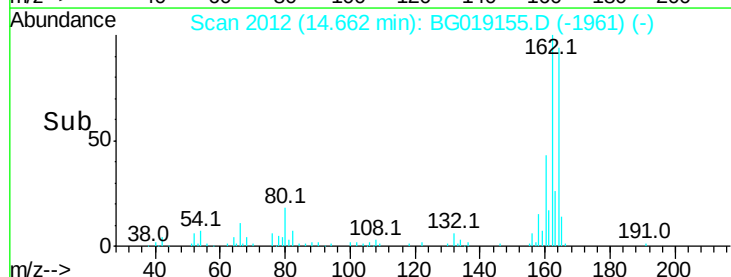
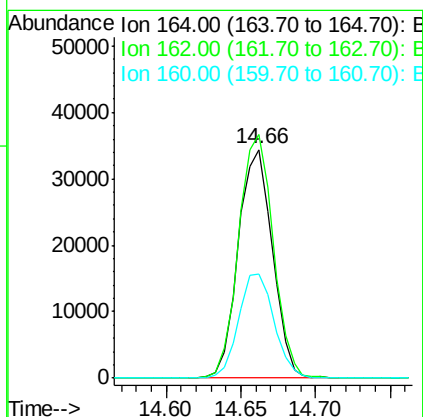
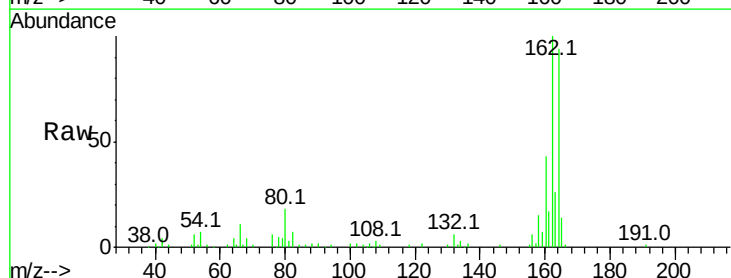
Instrument :
BNA_G
ClientSampleId :
MW20

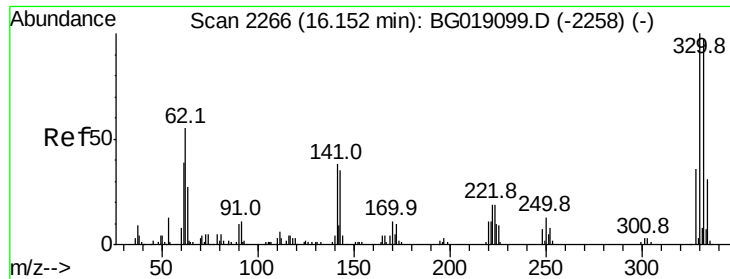
Tot Ion: 82 Resp: 150252
Ion Ratio Lower Upper
82 100
128 38.0 31.4 47.2
54 64.0 50.0 75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019155.D
Acq: 12 Oct 2015 10:30

Tgt Ion:164 Resp: 54644
Ion Ratio Lower Upper
164 100
162 106.7 82.6 124.0
160 45.7 36.9 55.3

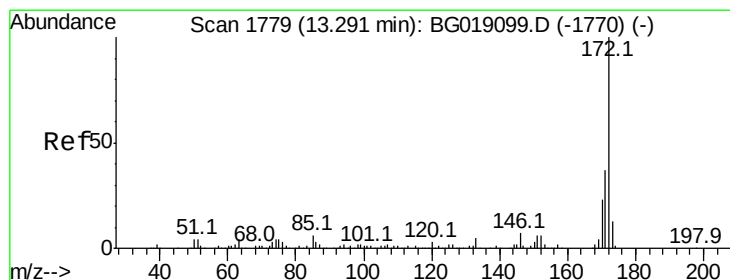
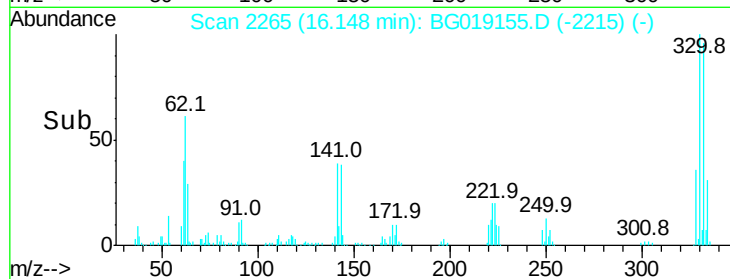
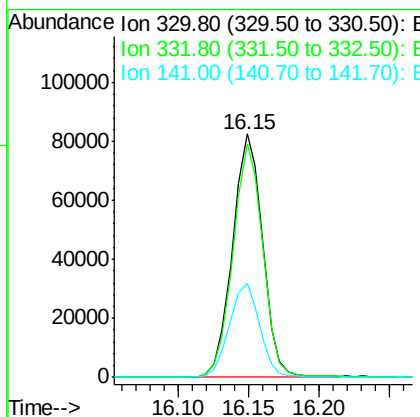
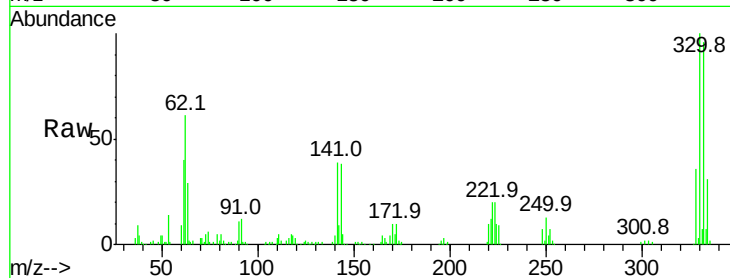




#41
 2,4,6-Tribromophenol
 Concen: 164.78 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019155.D
 Acq: 12 Oct 2015 10:30

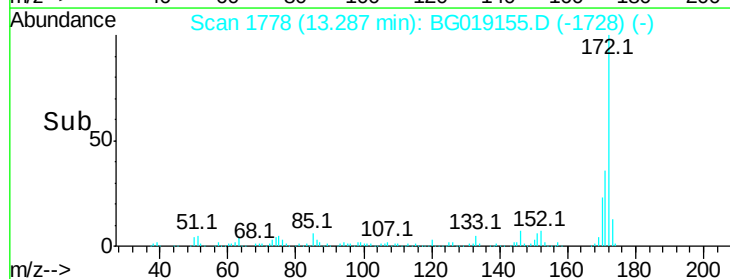
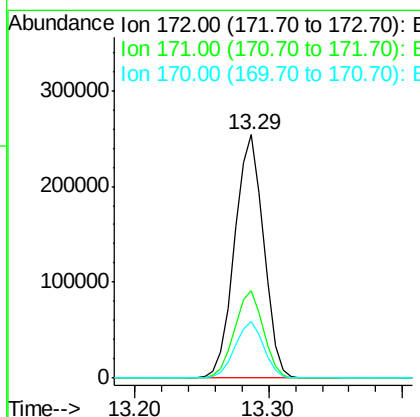
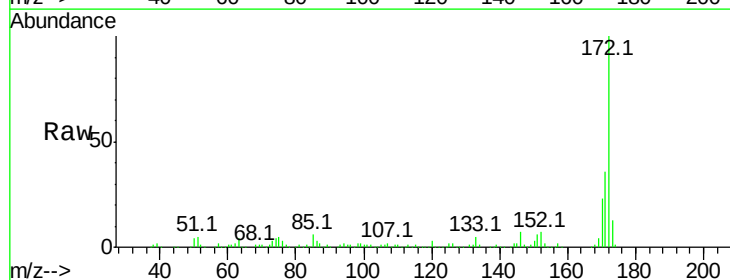
Instrument :
 BNA_G
 ClientSampleId :
 MW20

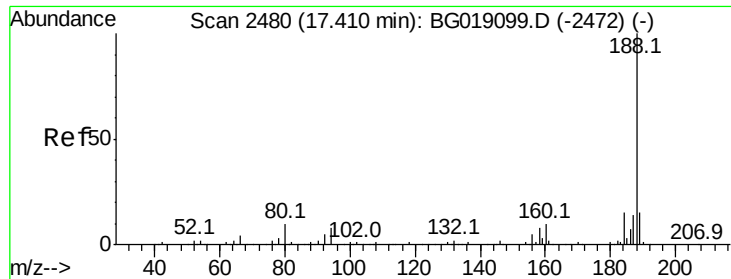
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	39.0	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 107.72 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019155.D
 Acq: 12 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.3	18.6	27.8

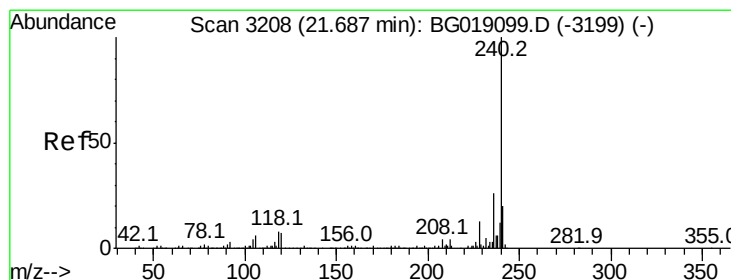
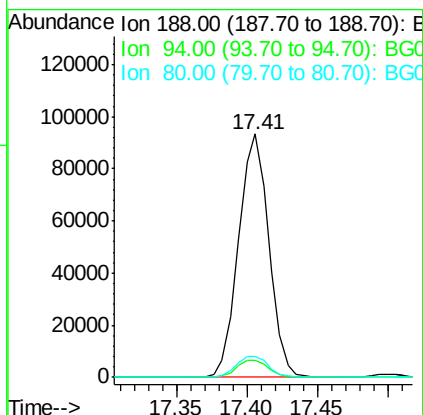
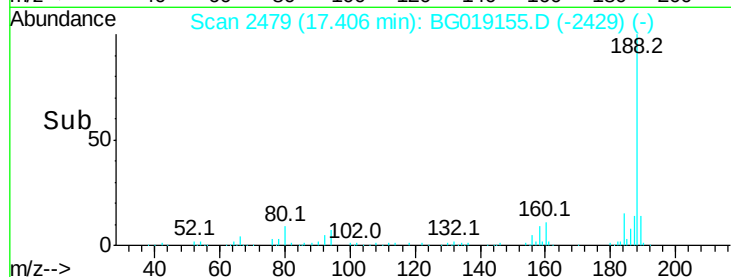
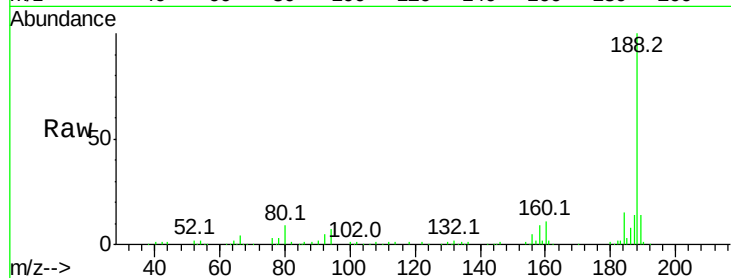




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019155.D
Acq: 12 Oct 2015 10:30

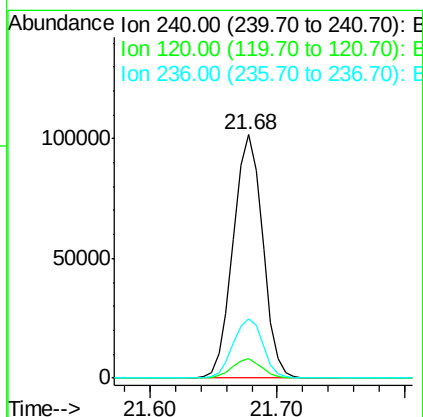
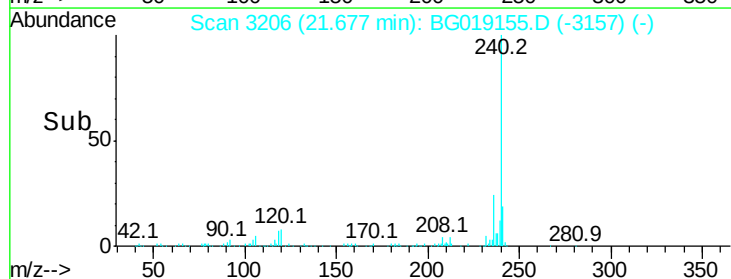
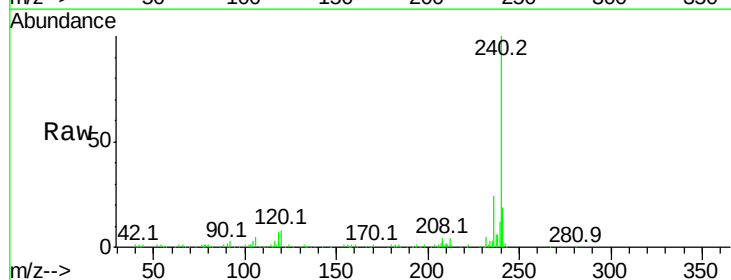
Instrument :
BNA_G
ClientSampleId :
MW20

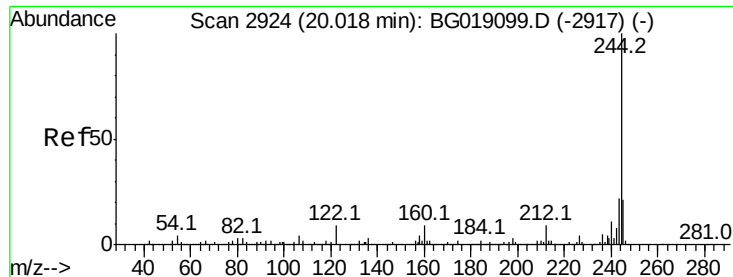
Tot Ion:188 Resp: 139988
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.7 7.6 11.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019155.D
Acq: 12 Oct 2015 10:30

Tgt Ion:240 Resp: 163920
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.6
236 24.3 21.2 31.8





#78

Terphenyl-d14

Concen: 103.98 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

Instrument :

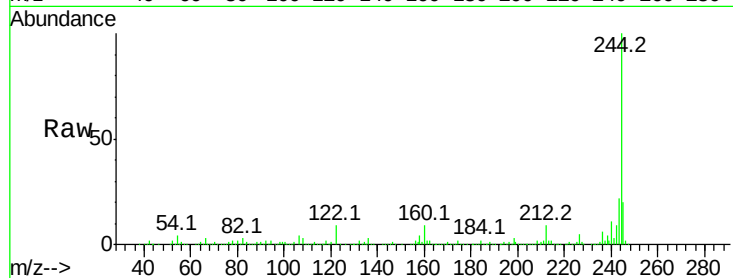
BNA_G

ClientSampleId :

MW20

Tot Ion:244 Resp: 645237

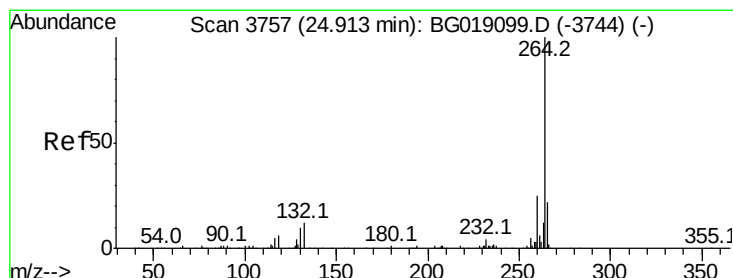
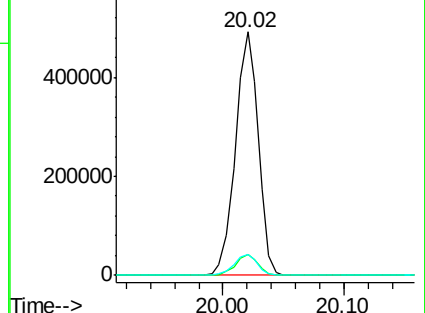
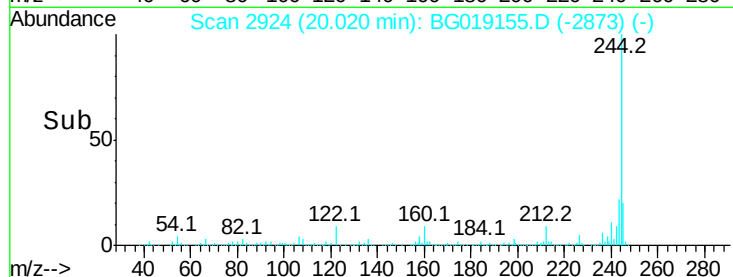
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.8	10.2
122	8.6	7.4	11.2



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: 24.90 min Scan# 3755

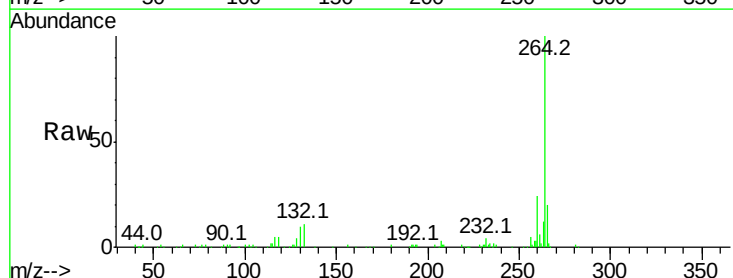
Delta R.T. -0.01 min

Lab File: BG019155.D

Acq: 12 Oct 2015 10:30

Tgt Ion:264 Resp: 160728

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	20.3	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

