

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019975.D
 Acq On : 6 Dec 2015 20:16
 Operator : UM/NP
 Sample : G4587-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Dec 07 03:24:11 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	37952	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	164506	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	116504	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	279084	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	334135	20.00	ng	-0.04
86) Perylene-d12	25.03	264	308424	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	159726	76.07	ng	0.00
7) Phenol-d6	7.26	99	150903	47.60	ng	-0.02
23) Nitrobenzene-d5	9.28	82	317823	98.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	230154	129.11	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	748403	87.71	ng	-0.02
78) Terphenyl-d14	20.08	244	1111288	81.12	ng	-0.03

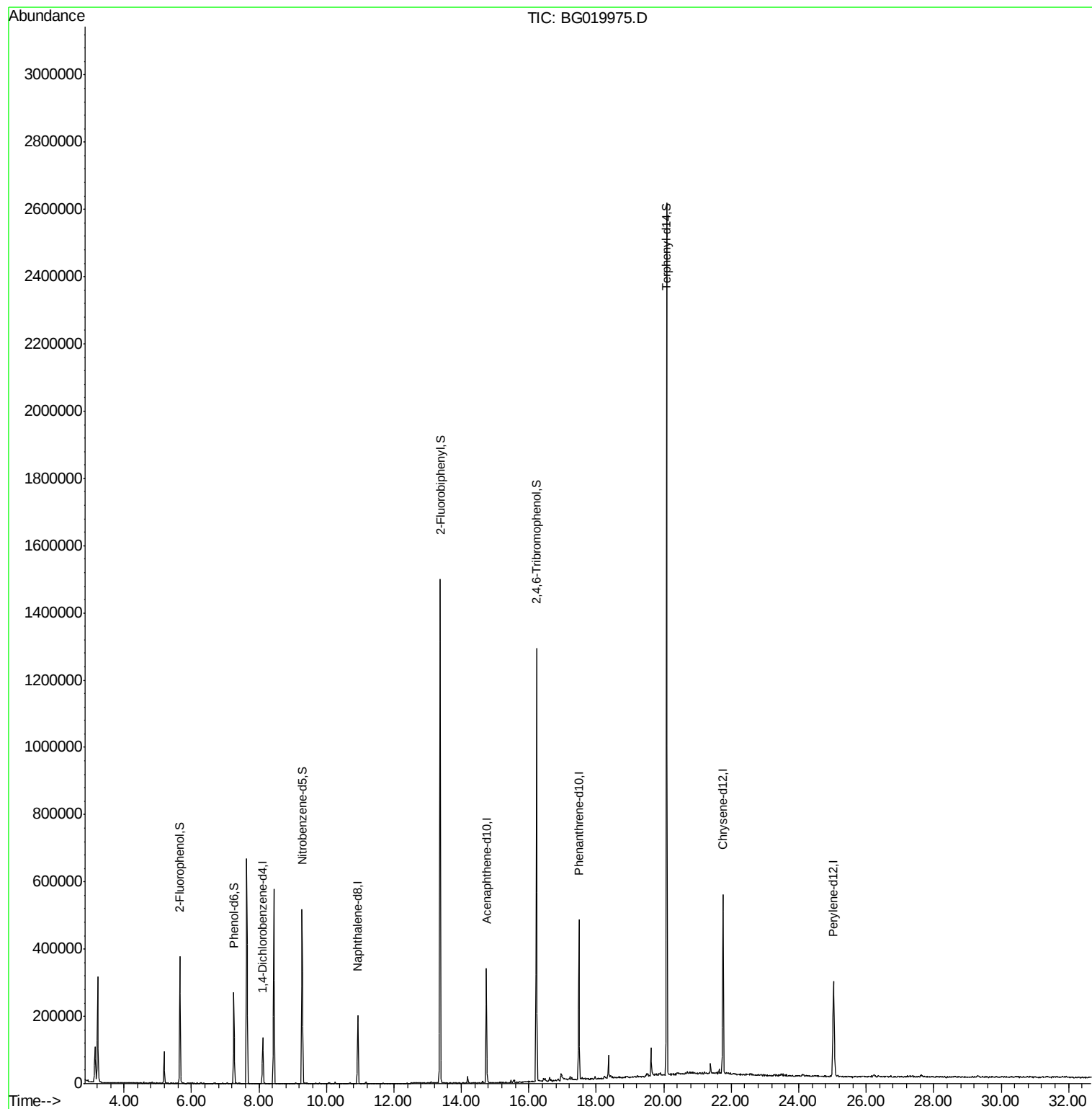
Target Compounds	Qvalue
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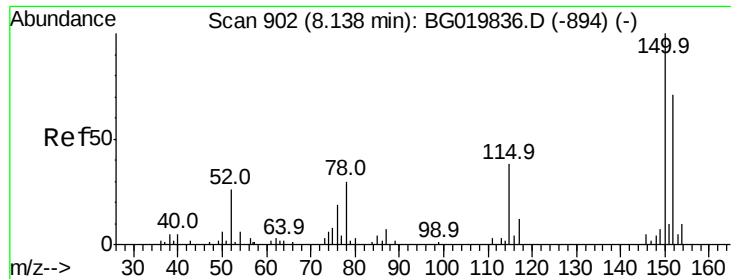
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Instrument :

BNA_G

ClientSampleId :

MW-02

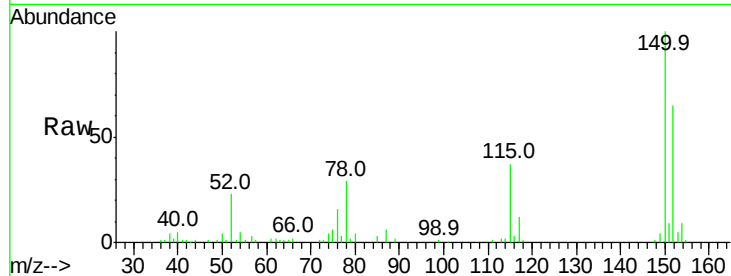
Tot Ion:152 Resp: 37952

Ion Ratio Lower Upper

152 100

150 153.3 115.0 172.4

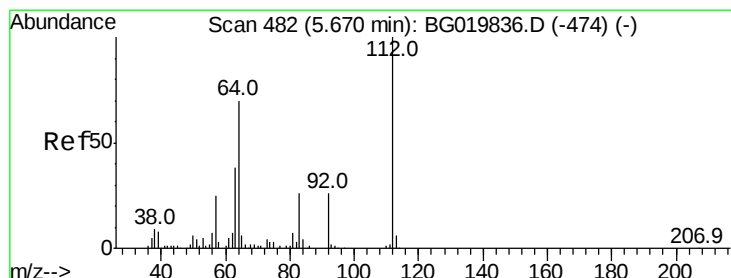
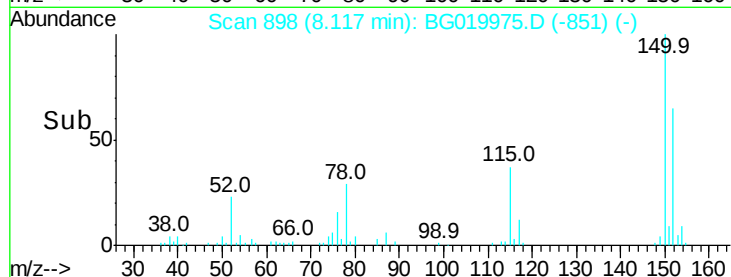
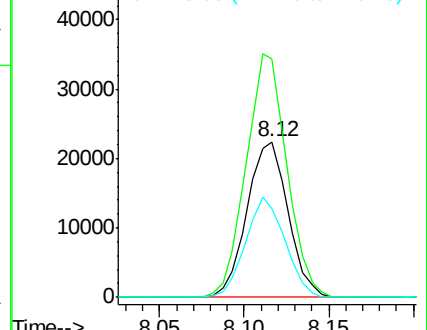
115 57.3 43.9 65.9



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: 76.07 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

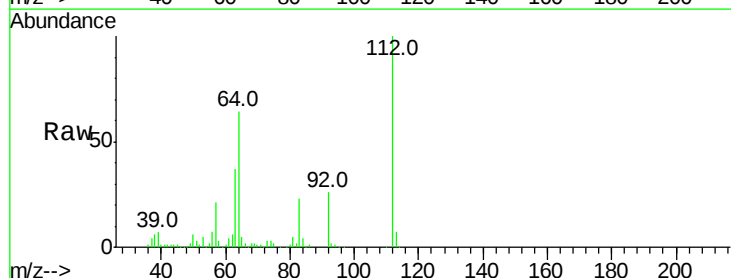
Tgt Ion:112 Resp: 159726

Ion Ratio Lower Upper

112 100

64 64.3 43.7 65.5

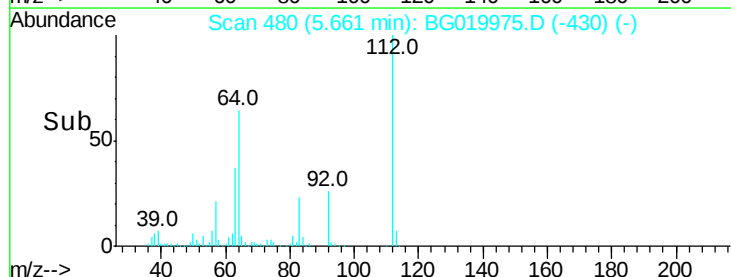
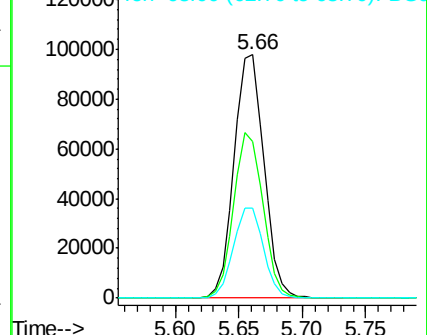
63 37.0 24.0 36.0#

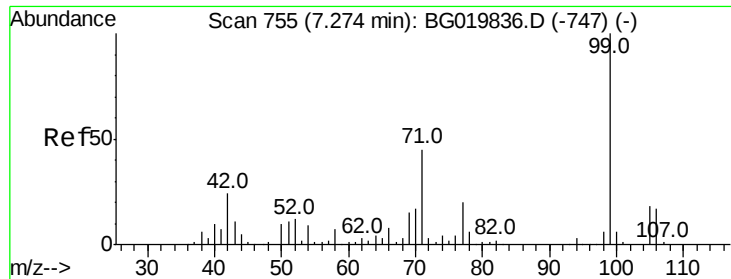


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.60 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Instrument :

BNA_G

ClientSampleId :

MW-02

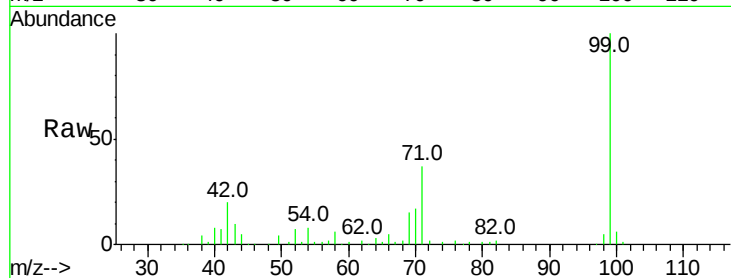
Tot Ion: 99 Resp: 150903

Ion Ratio Lower Upper

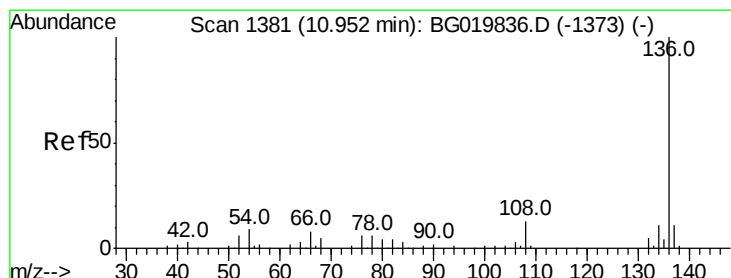
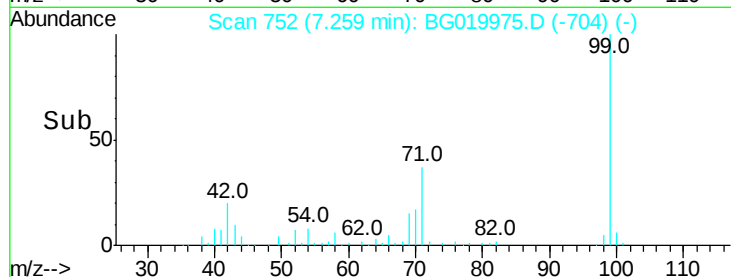
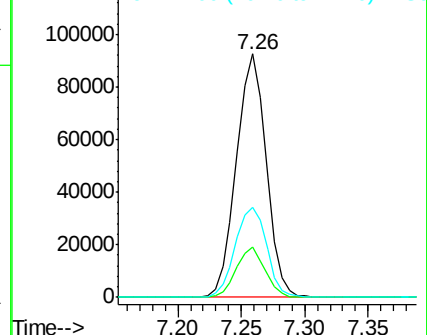
99 100

42 20.5 11.5 17.3#

71 37.1 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Tgt Ion: 136 Resp: 164506

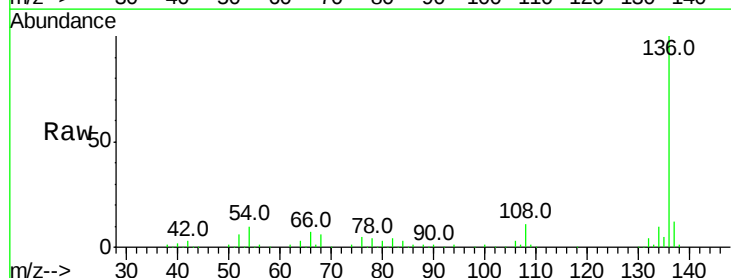
Ion Ratio Lower Upper

136 100

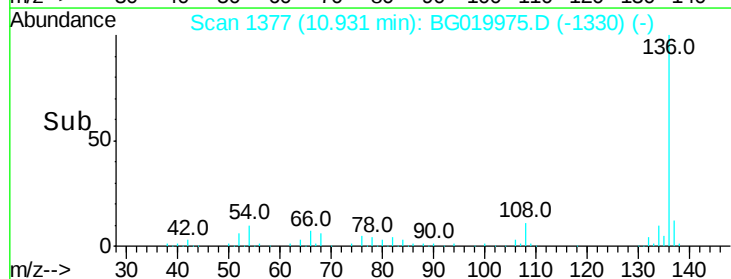
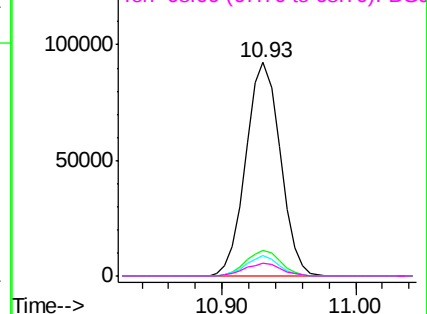
137 11.8 8.6 12.8

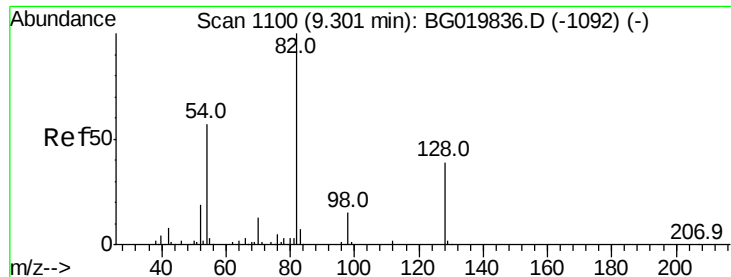
54 9.6 5.4 8.2#

68 5.7 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: 98.60 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Instrument :

BNA_G

ClientSampleId :

MW-02

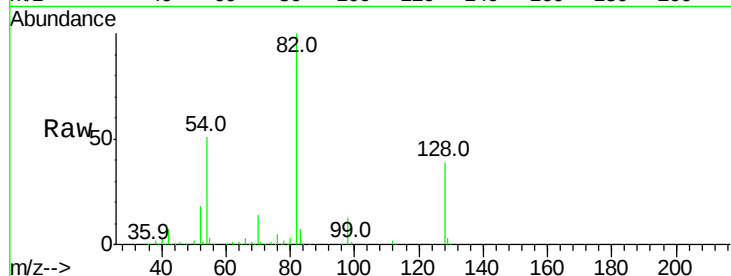
Tot Ion: 82 Resp: 317823

Ion Ratio Lower Upper

82 100

128 39.4 36.7 55.1

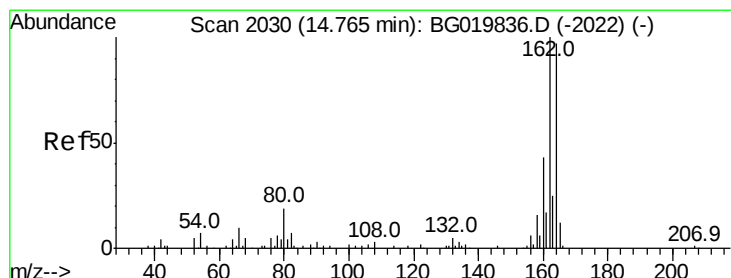
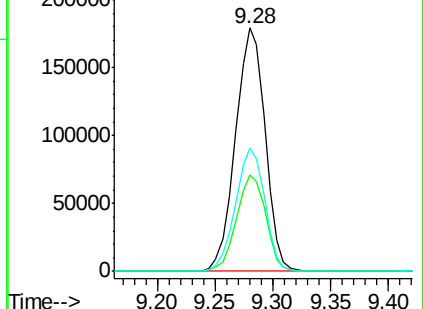
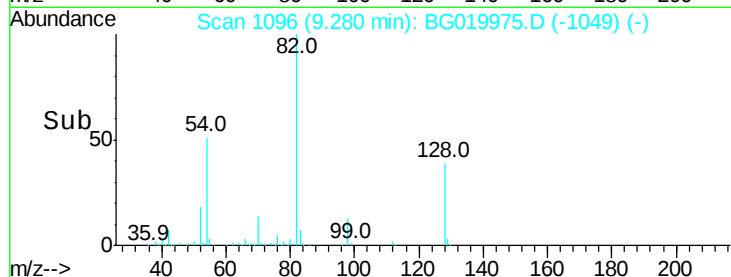
54 50.8 33.8 50.8#



Abundance Ion 82.00 (81.70 to 82.70): BG019975.D (-1096) (-)

Ion 128.00 (127.70 to 128.70): BG019975.D (-1096) (-)

Ion 54.00 (53.70 to 54.70): BG019975.D (-1096) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

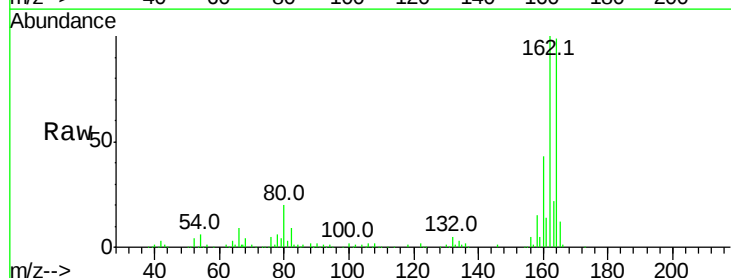
Tgt Ion: 164 Resp: 116504

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

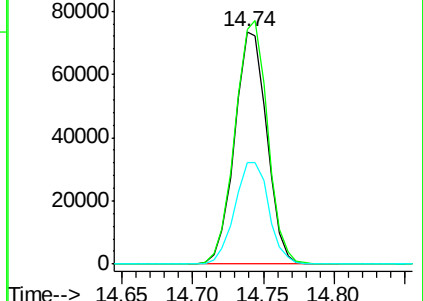
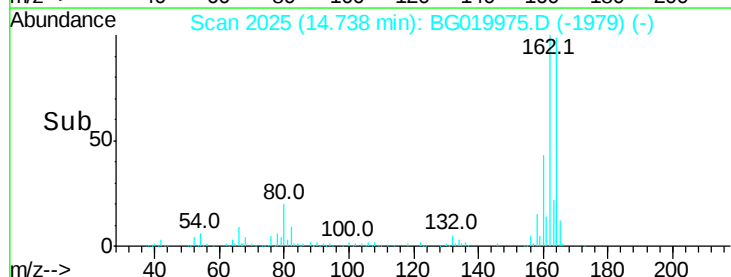
160 43.8 36.4 54.6

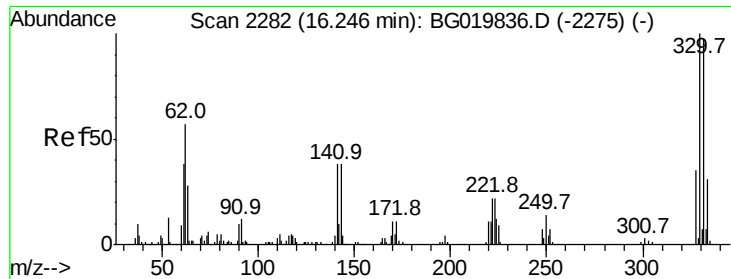


Abundance Ion 164.00 (163.70 to 164.70): BG019975.D (-1979) (-)

Ion 162.00 (161.70 to 162.70): BG019975.D (-1979) (-)

Ion 160.00 (159.70 to 160.70): BG019975.D (-1979) (-)

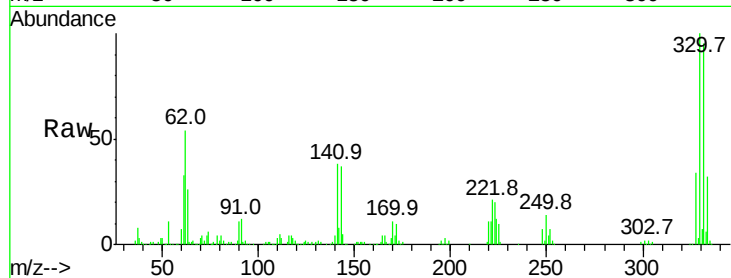




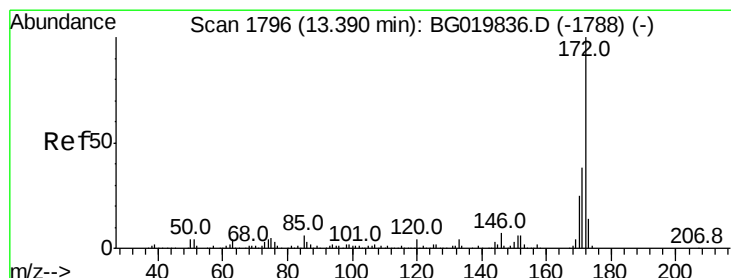
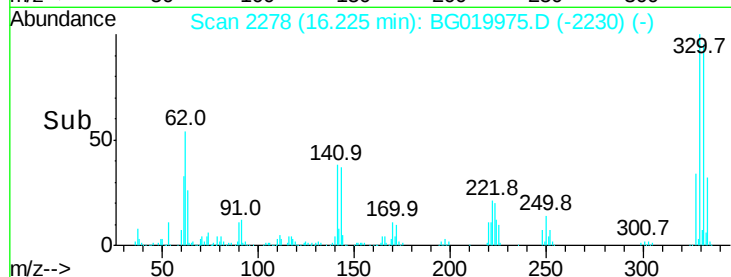
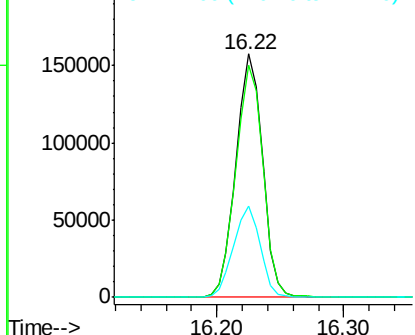
#41
 2,4,6-Tribromophenol
 Concen: 129.11 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019975.D
 Acq: 6 Dec 2015 20:16

Instrument :
 BNA_G
 ClientSampled :
 MW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	37.8	28.2	42.2

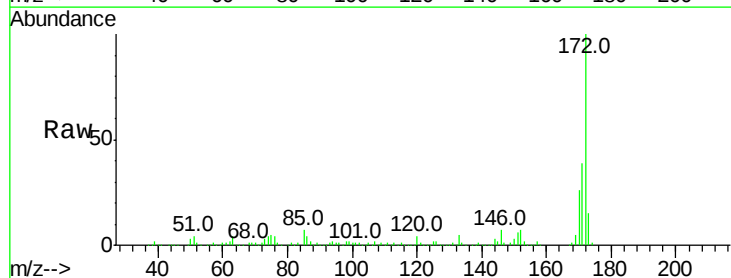


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

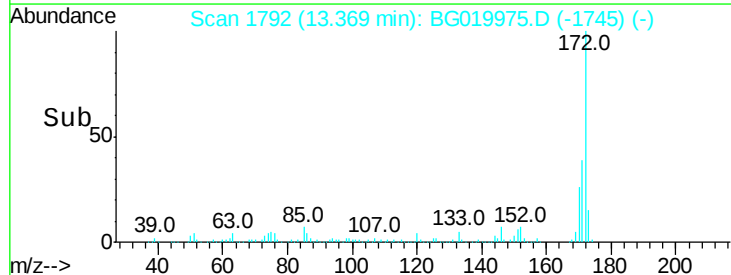
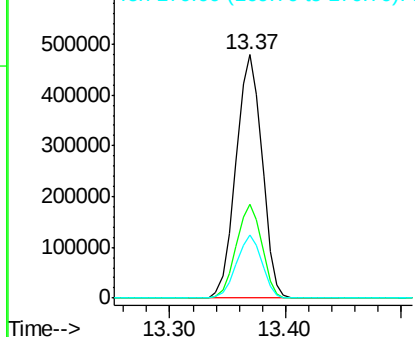


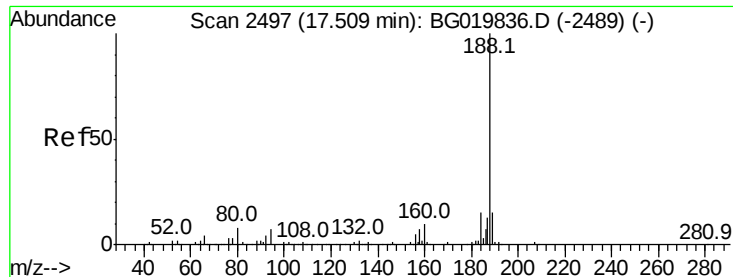
#44
 2-Fluorobiphenyl
 Concen: 87.71 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019975.D
 Acq: 6 Dec 2015 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.0	43.6
170	25.7	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

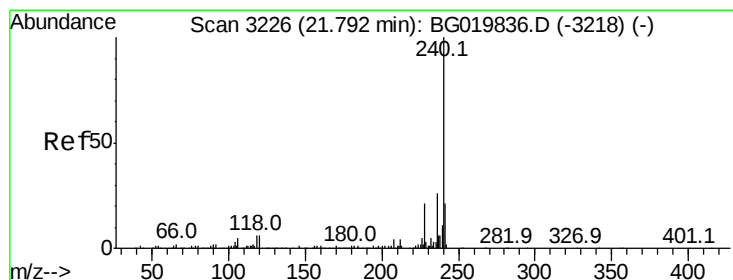
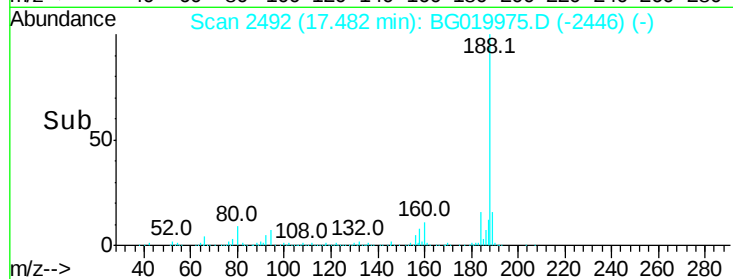
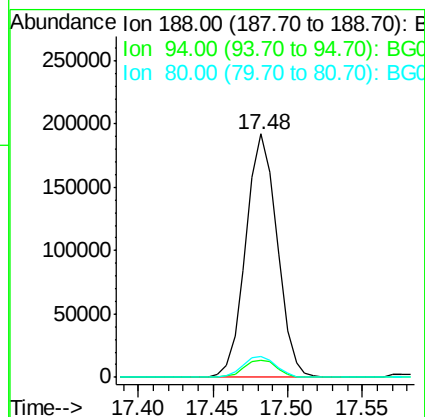
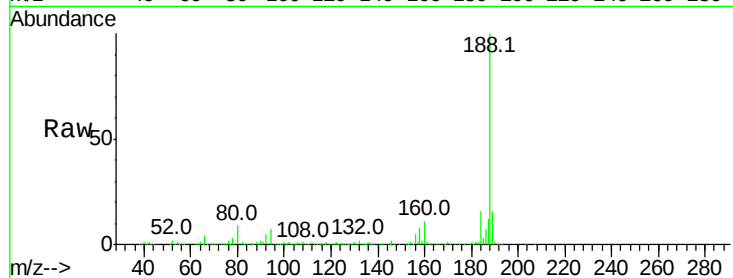




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019975.D
Acq: 6 Dec 2015 20:16

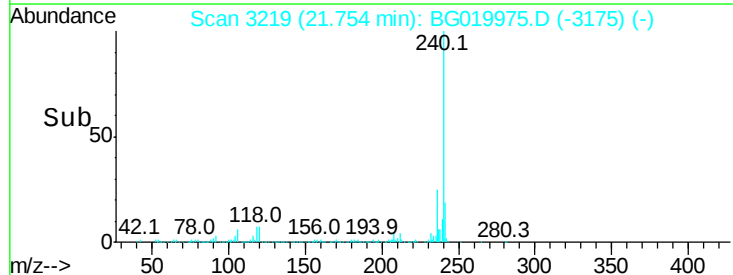
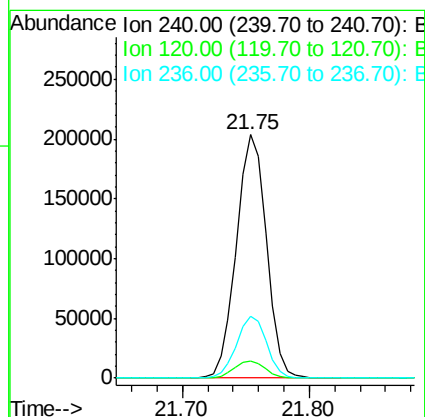
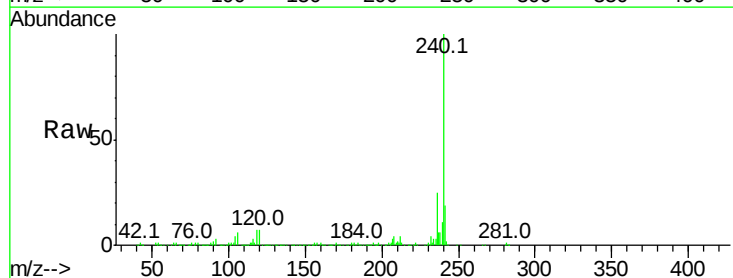
Instrument :
BNA_G
ClientSampleId :
MW-02

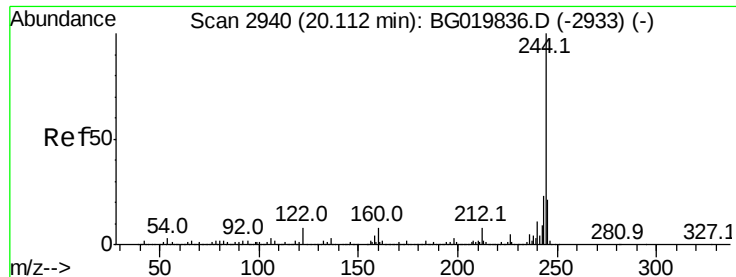
Tot Ion:188 Resp: 279084
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019975.D
Acq: 6 Dec 2015 20:16

Tgt Ion:240 Resp: 334135
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 81.12 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Instrument :

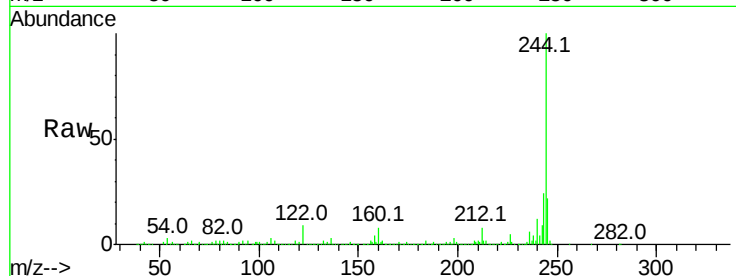
BNA_G

ClientSampled :

MW-02

Tot Ion:244 Resp: 1111288

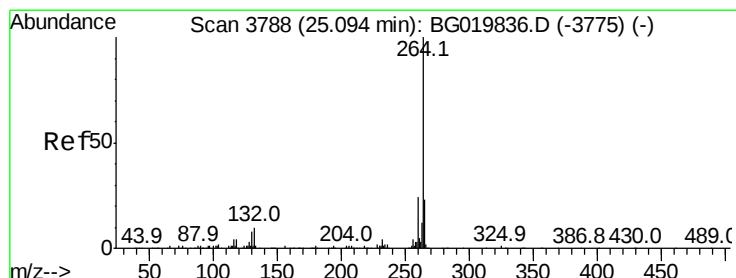
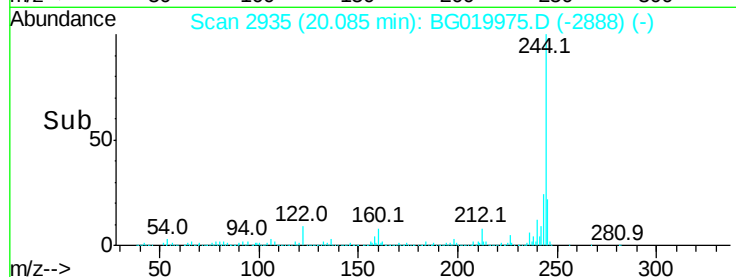
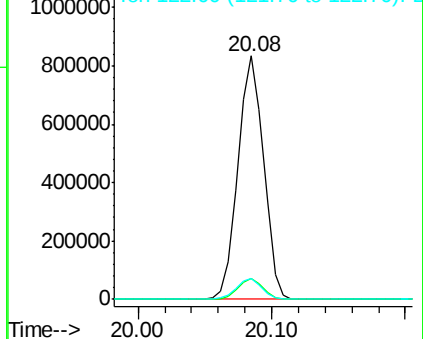
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.6	10.2	15.2#



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: 25.03 min Scan# 3777

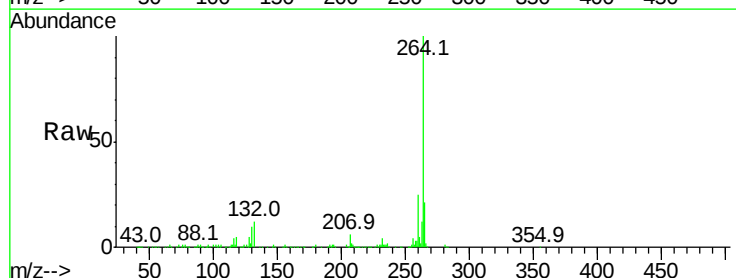
Delta R.T. -0.06 min

Lab File: BG019975.D

Acq: 6 Dec 2015 20:16

Tgt Ion:264 Resp: 308424

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	21.4	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

