

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019962.D
 Acq On : 6 Dec 2015 11:54
 Operator : UM/NP
 Sample : G4650-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2

Quant Time: Dec 07 03:16:15 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

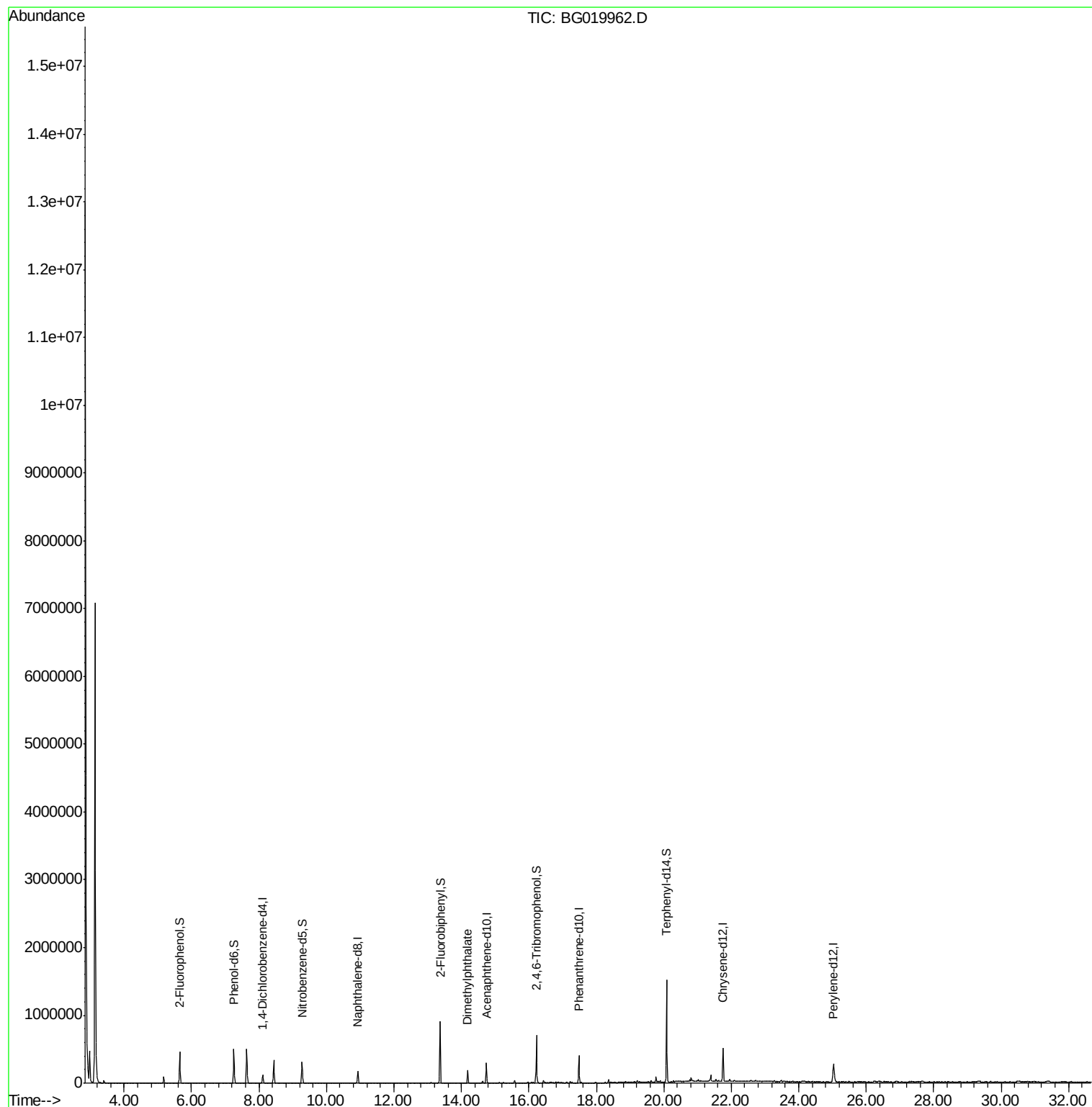
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34425	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	143715	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	101457	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	251258	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	302295	20.00	ng	-0.04
86) Perylene-d12	25.03	264	292066	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	194227	101.97	ng	-0.02
7) Phenol-d6	7.26	99	283949	98.74	ng	-0.02
23) Nitrobenzene-d5	9.28	82	191735	68.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	125286	80.71	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	452843	60.94	ng	-0.02
78) Terphenyl-d14	20.08	244	651112	52.54	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	121132	13.27	ng	# 98

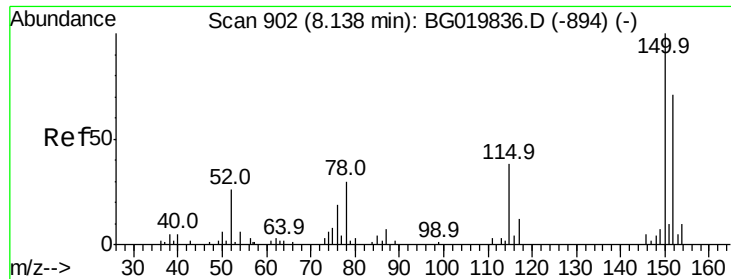
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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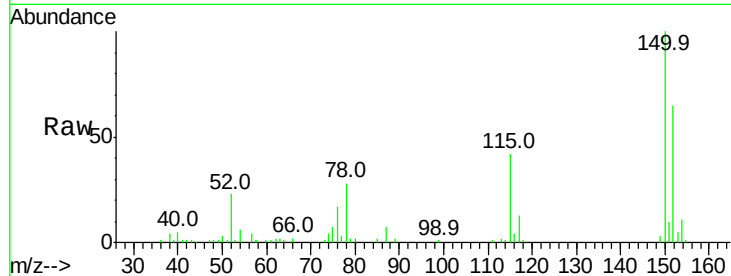


#1

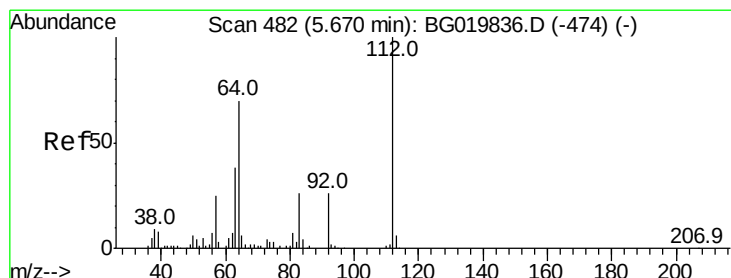
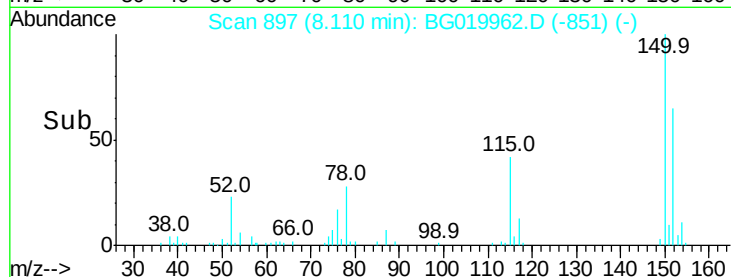
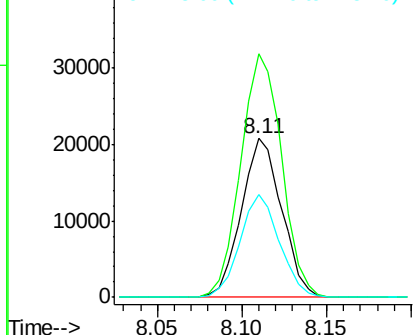
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG019962.D
Acq: 6 Dec 2015 11:54

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2

Tot Ion:152 Resp: 34425
Ion Ratio Lower Upper
152 100
150 153.4 115.0 172.4
115 64.5 43.9 65.9



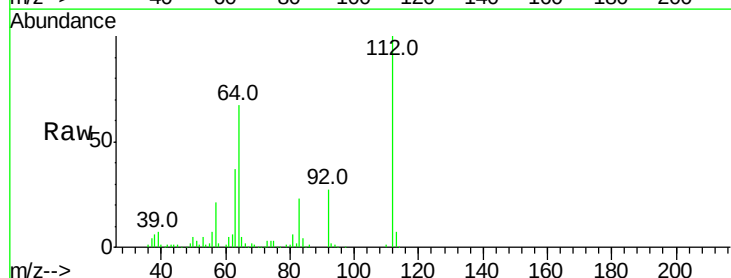
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



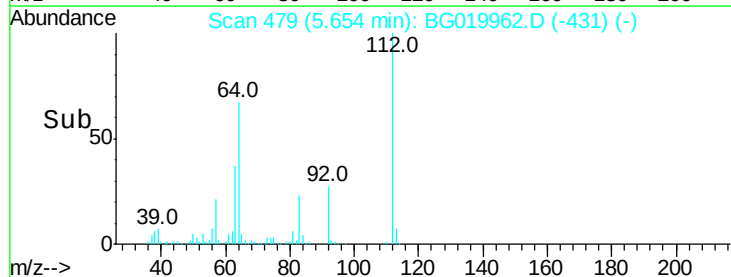
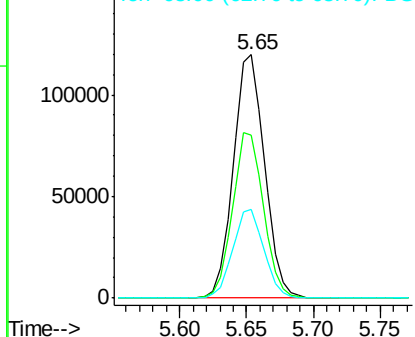
#5

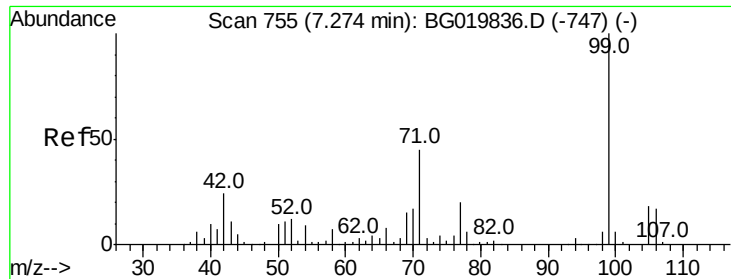
2-Fluorophenol
Concen: 101.97 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.02 min
Lab File: BG019962.D
Acq: 6 Dec 2015 11:54

Tgt Ion:112 Resp: 194227
Ion Ratio Lower Upper
112 100
64 66.8 43.7 65.5#
63 36.7 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: 98.74 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019962.D

Acq: 6 Dec 2015 11:54

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2

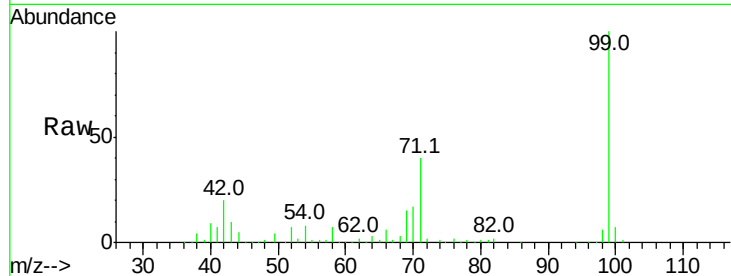
Tot Ion: 99 Resp: 283949

Ion Ratio Lower Upper

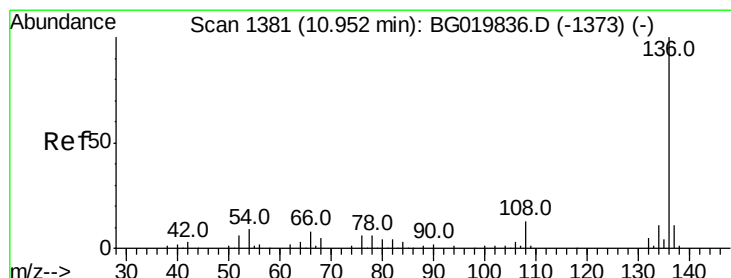
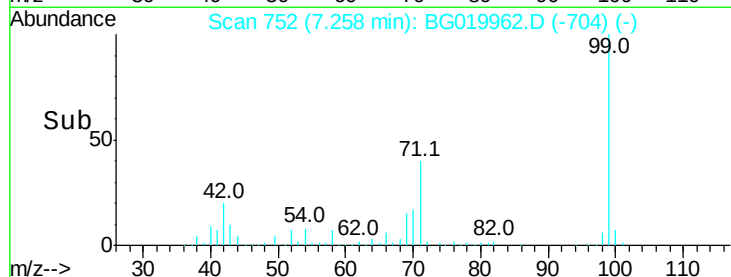
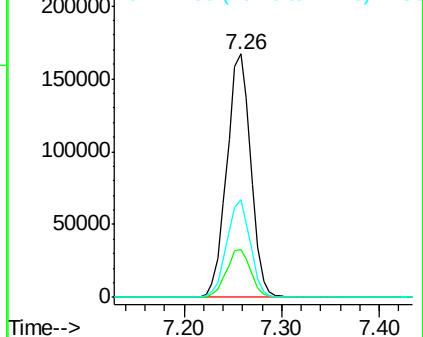
99 100

42 19.6 11.5 17.3#

71 40.3 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: BG019962.D

Acq: 6 Dec 2015 11:54

Tgt Ion: 136 Resp: 143715

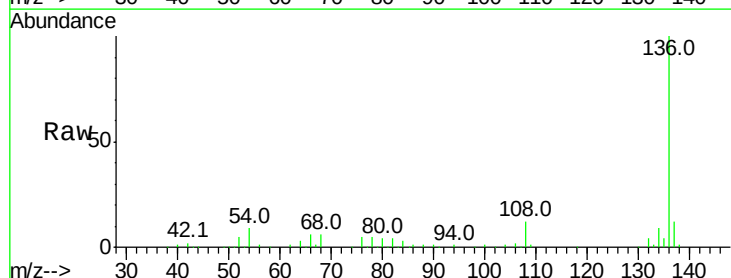
Ion Ratio Lower Upper

136 100

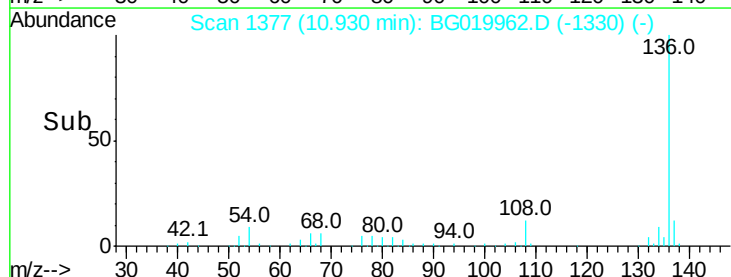
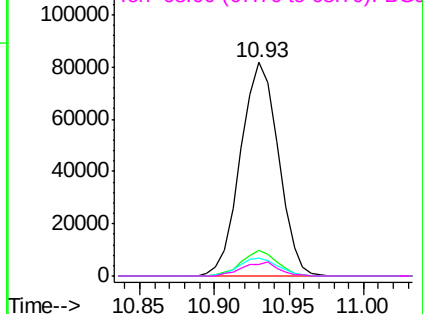
137 11.8 8.6 12.8

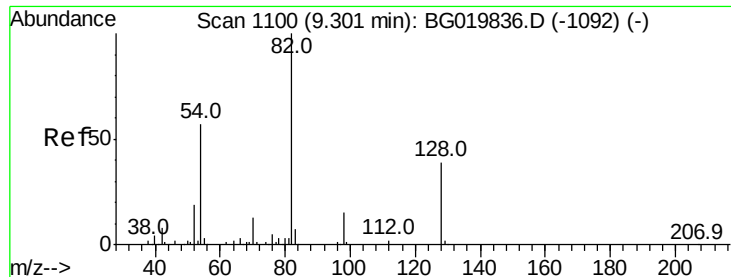
54 8.6 5.4 8.2#

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

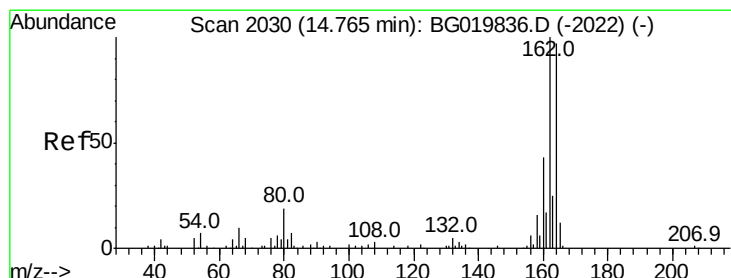
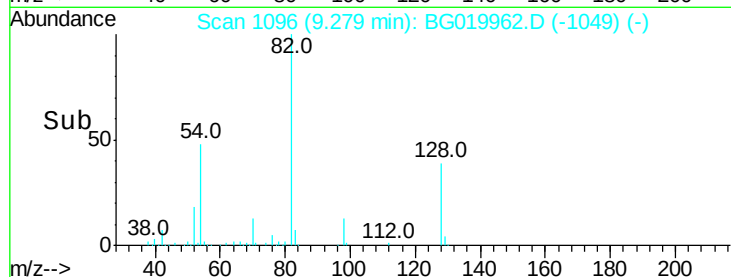
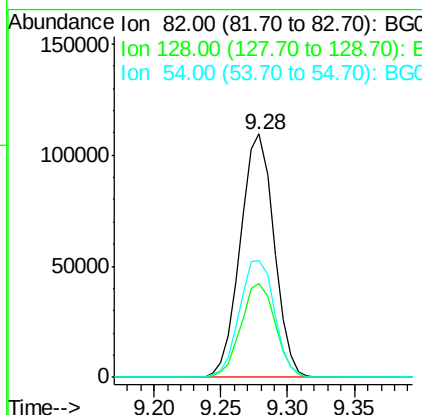
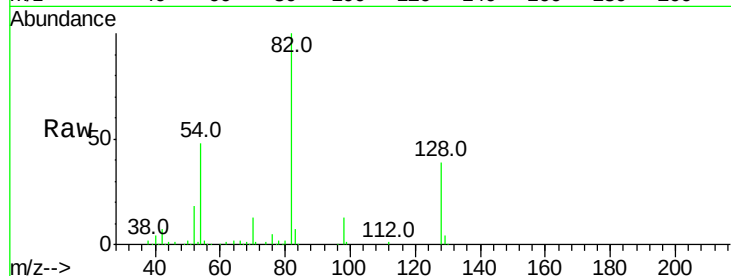




#23
Nitrobenzene-d5
Concen: 68.09 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019962.D
Acq: 6 Dec 2015 11:54

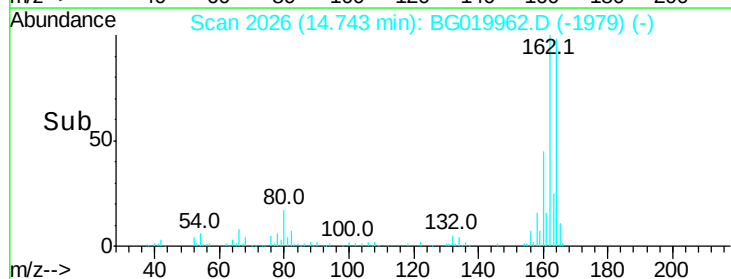
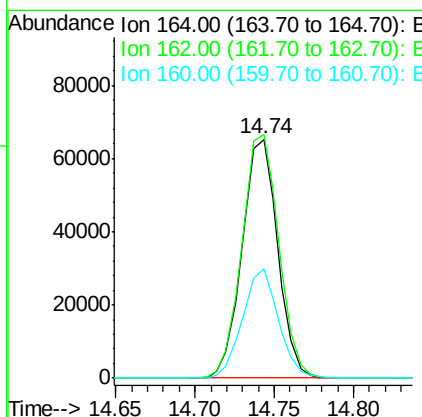
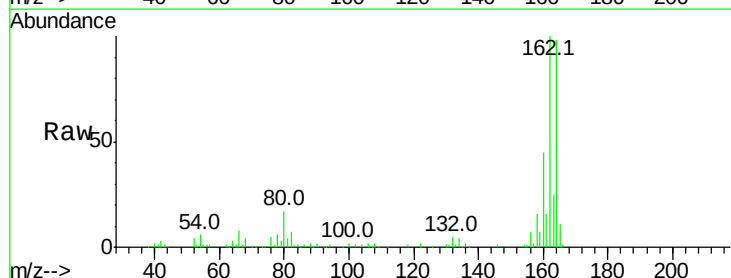
Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-2

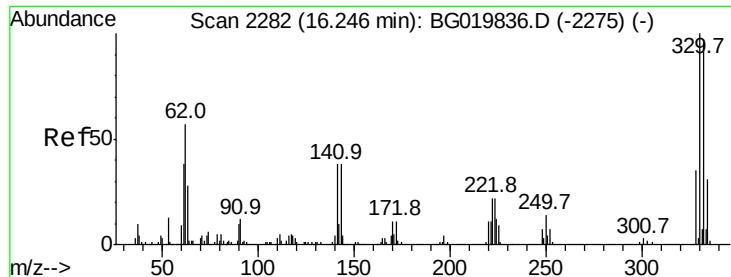
Tot Ion	82	Resp	191735
Ion Ratio	100	Lower	Upper
128	38.6	36.7	55.1
54	48.2	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019962.D
Acq: 6 Dec 2015 11:54

Tgt Ion	164	Resp	101457
Ion Ratio	100	Lower	Upper
162	102.0	78.8	118.2
160	45.7	36.4	54.6

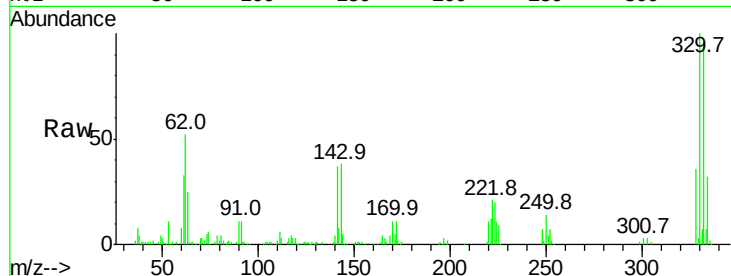




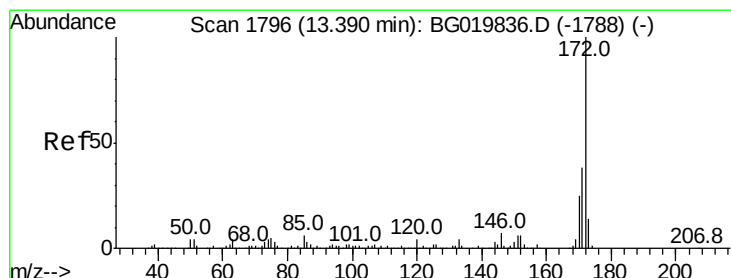
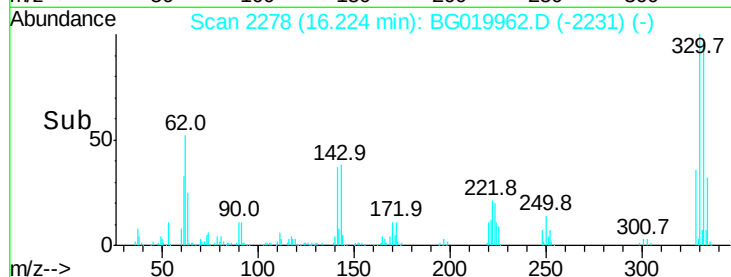
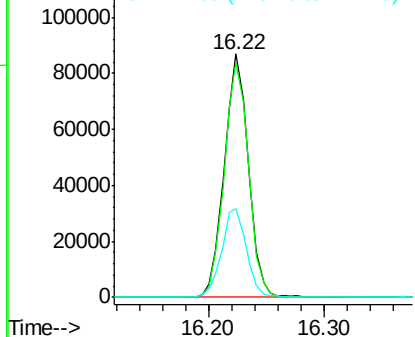
#41
 2,4,6-Tribromophenol
 Concen: 80.71 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019962.D
 Acq: 6 Dec 2015 11:54

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	37.5	28.2	42.2

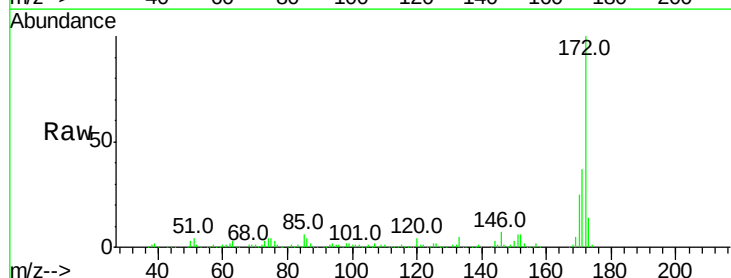


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

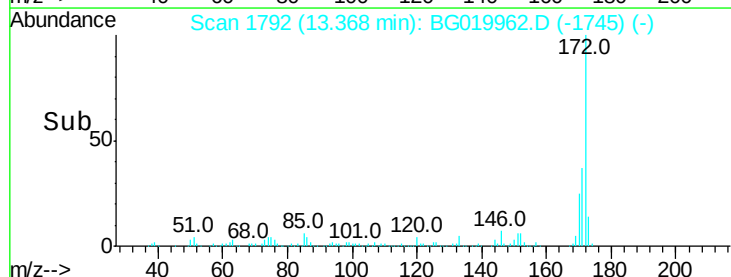
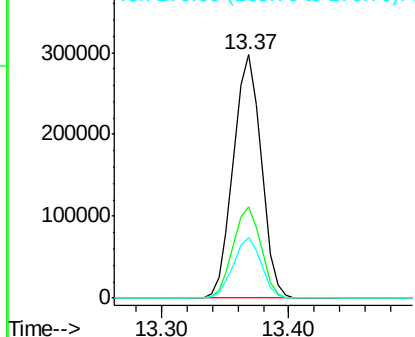


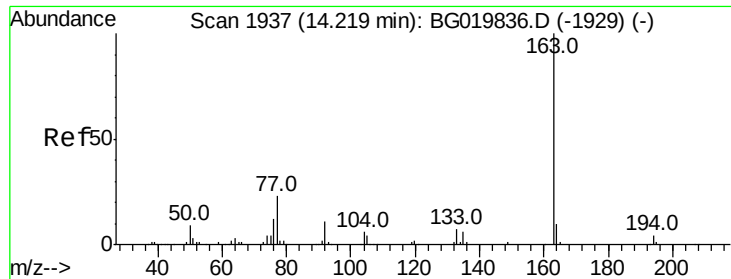
#44
 2-Fluorobiphenyl
 Concen: 60.94 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019962.D
 Acq: 6 Dec 2015 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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





#49

Dimethylphthalate

Concen: 13.27 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG019962.D

Acq: 6 Dec 2015 11:54

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2

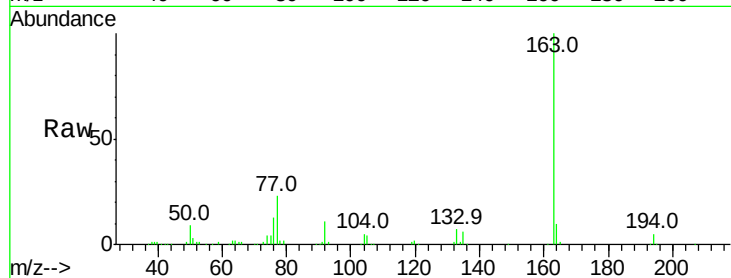
Tot Ion:163 Resp: 121132

Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

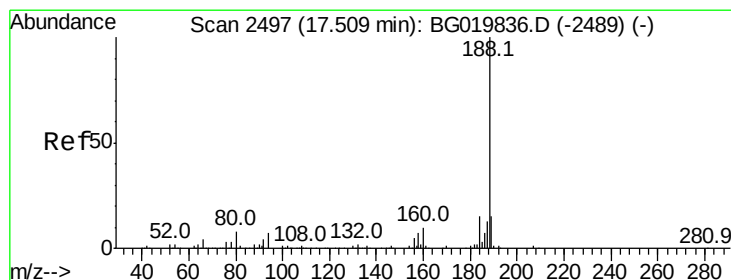
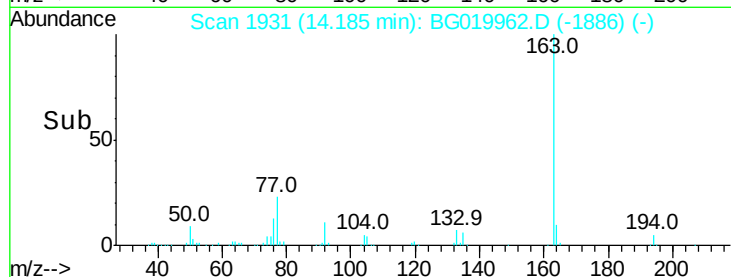
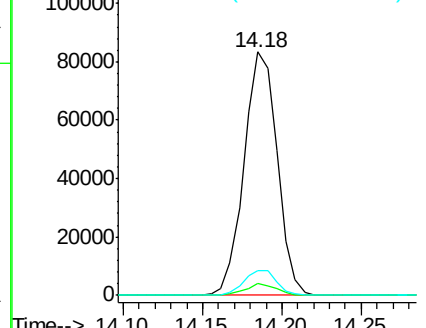
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG019962.D

Acq: 6 Dec 2015 11:54

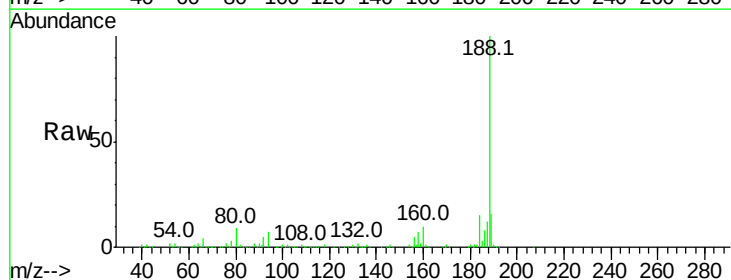
Tgt Ion:188 Resp: 251258

Ion Ratio Lower Upper

188 100

94 7.1 7.7 11.5#

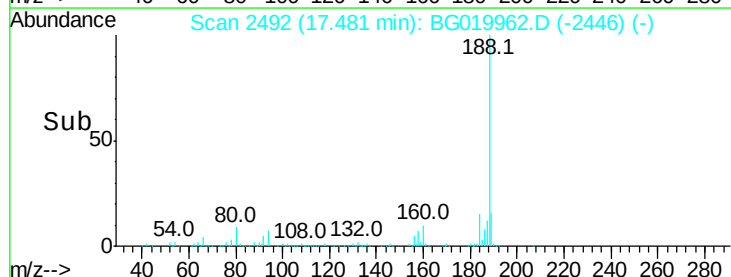
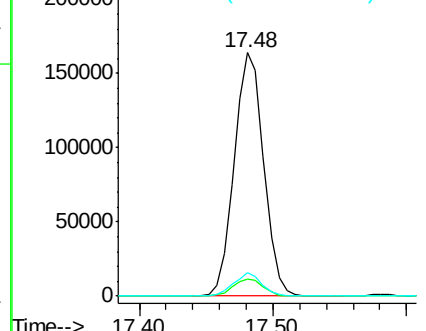
80 9.4 7.8 11.8

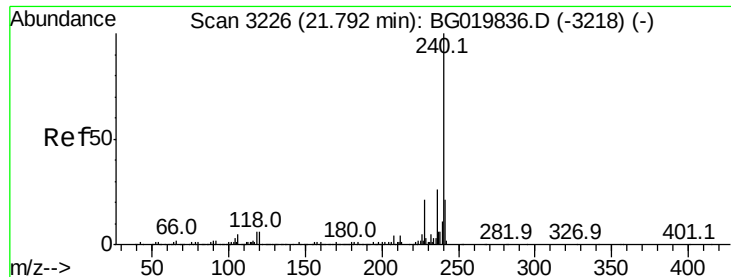


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019962.D

Acq: 6 Dec 2015 11:54

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-2

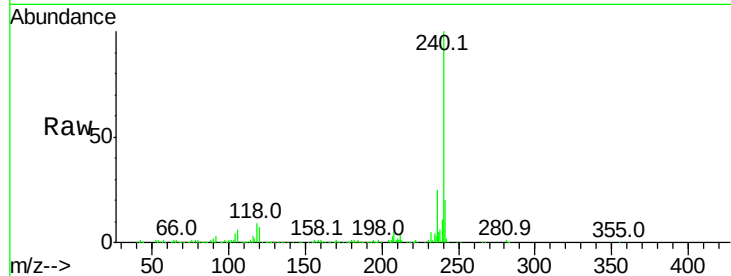
Tot Ion:240 Resp: 302295

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0

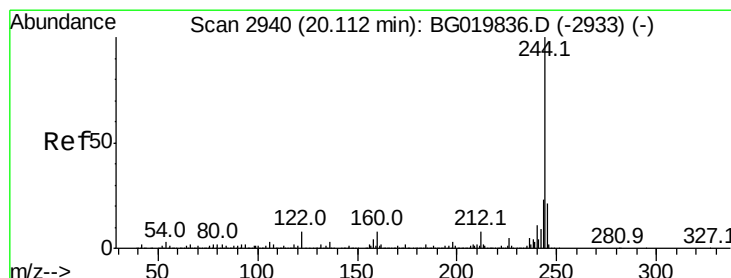
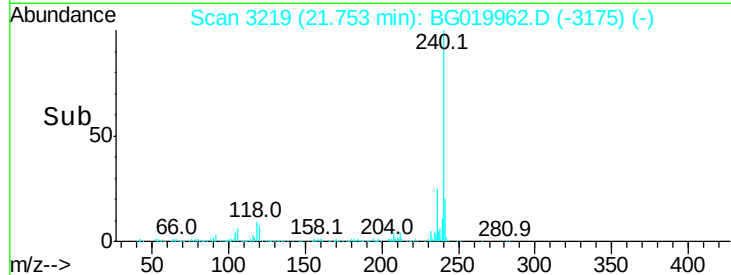
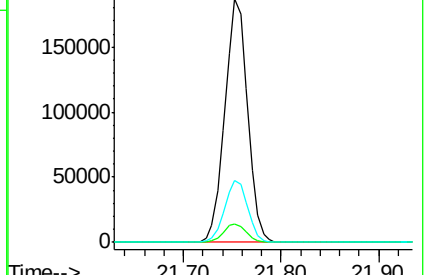
236 25.4 20.7 31.1



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: 52.54 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019962.D

Acq: 6 Dec 2015 11:54

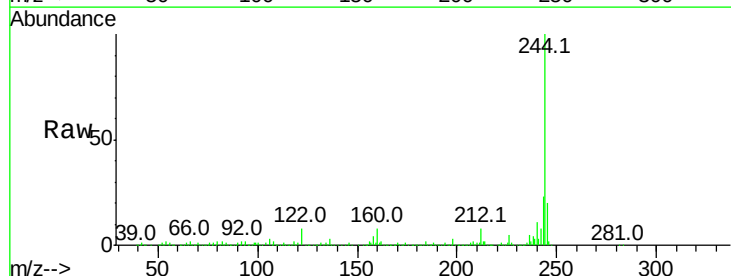
Tgt Ion:244 Resp: 651112

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

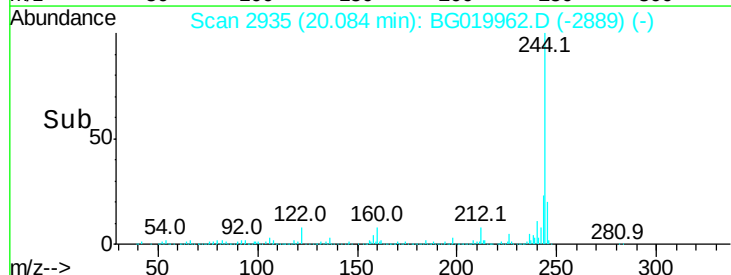
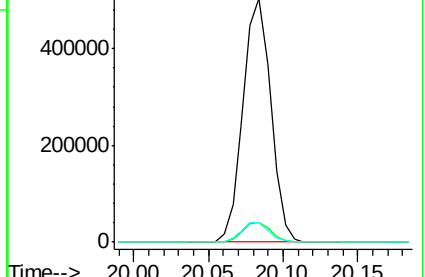
122 7.9 10.2 15.2#

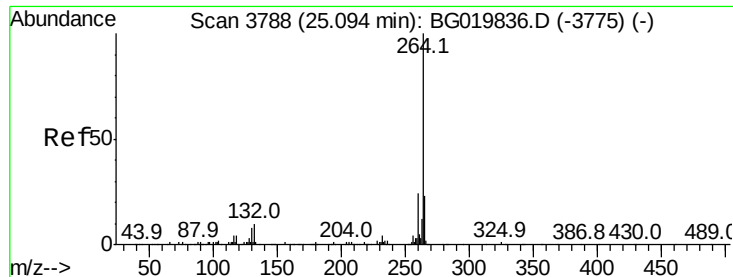


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

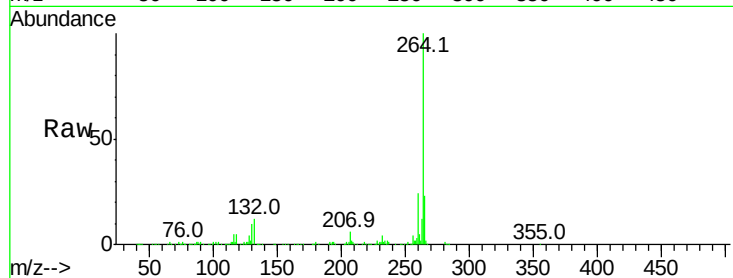




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG019962.D
 Acq: 6 Dec 2015 11:54

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.8	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

