

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019880.D
 Acq On : 3 Dec 2015 21:20
 Operator : UM/NP
 Sample : G4598-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-D-S

Quant Time: Dec 04 03:18:33 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

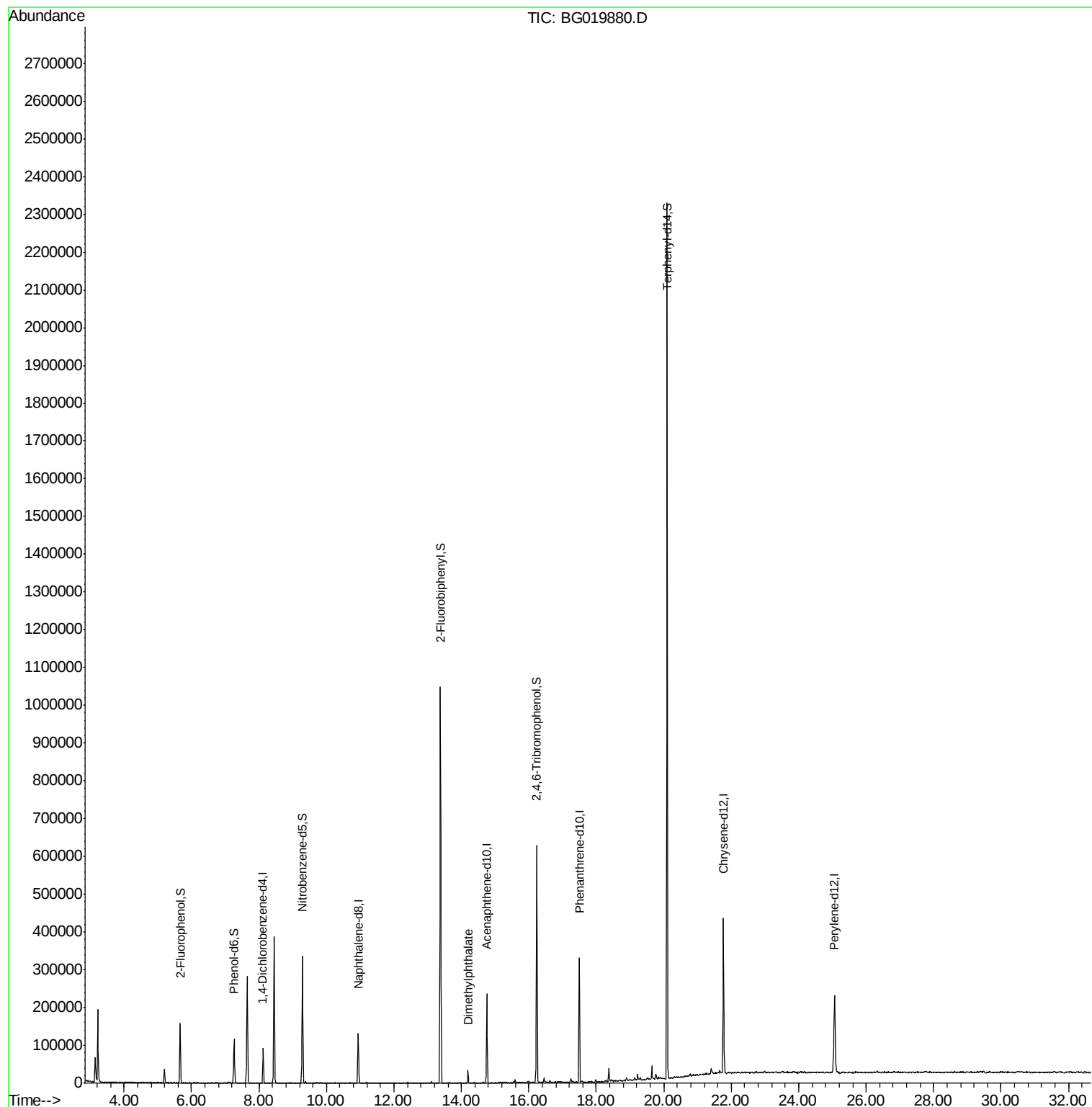
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23767	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	107618	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	78044	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	199920	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	248049	20.00	ng	-0.02
86) Perylene-d12	25.06	264	235791	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	63317	48.15	ng	0.00
7) Phenol-d6	7.26	99	63083	31.77	ng	-0.01
23) Nitrobenzene-d5	9.29	82	199576	94.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	107510	90.03	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	520263	91.02	ng	-0.01
78) Terphenyl-d14	20.10	244	958181	94.22	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	21911	3.12	ng	# 95

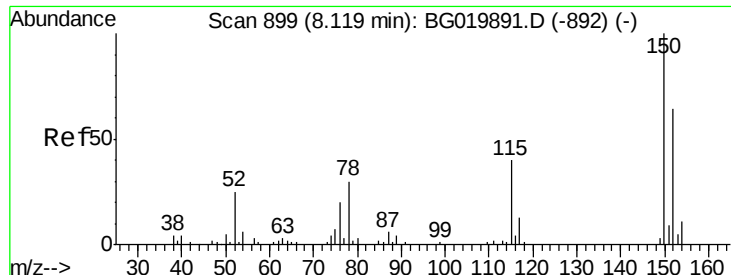
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019880.D

Acq: 3 Dec 2015 21:20

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-D-S

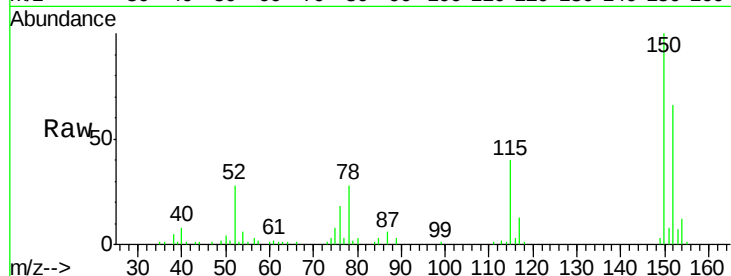
Tot Ion:152 Resp: 23767

Ion Ratio Lower Upper

152 100

150 151.5 115.0 172.4

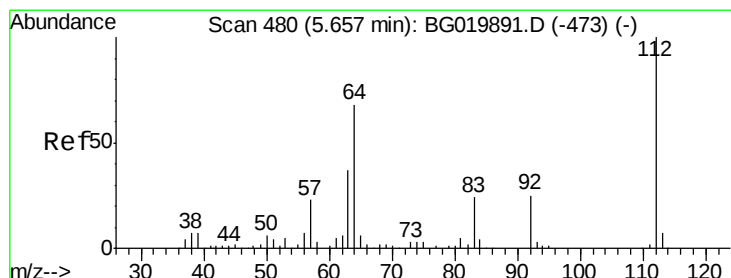
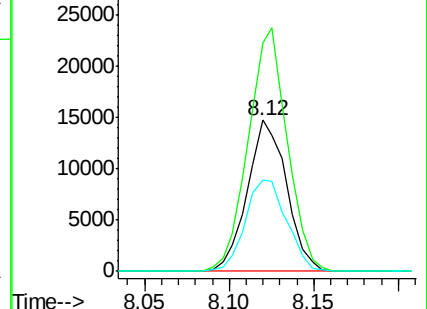
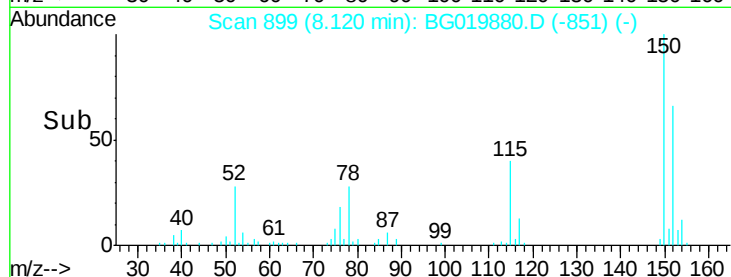
115 60.9 43.9 65.9



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: 48.15 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG019880.D

Acq: 3 Dec 2015 21:20

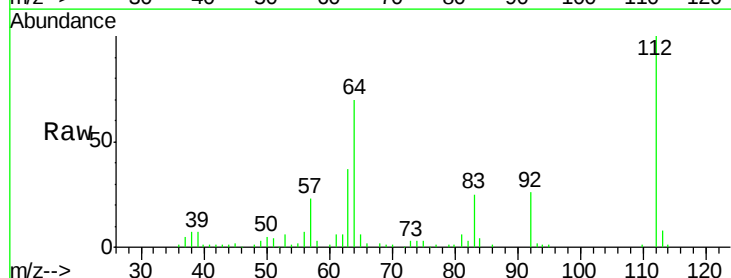
Tgt Ion:112 Resp: 63317

Ion Ratio Lower Upper

112 100

64 70.2 43.7 65.5#

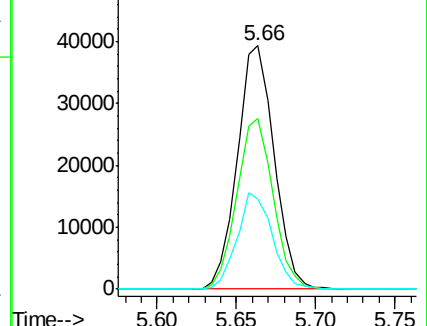
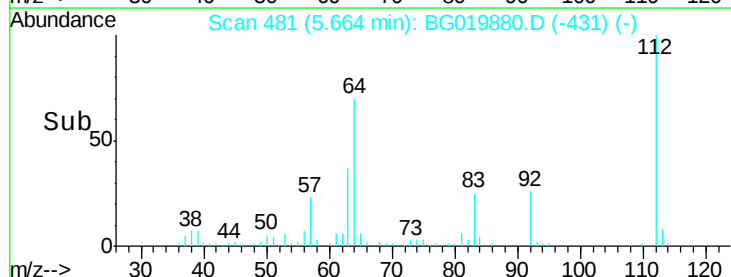
63 37.0 24.0 36.0#

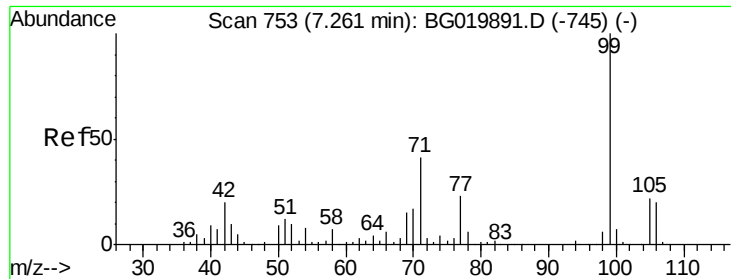


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.77 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019880.D

Acq: 3 Dec 2015 21:20

Instrument :

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ClientSampleId :

112715-A263-F-D-S

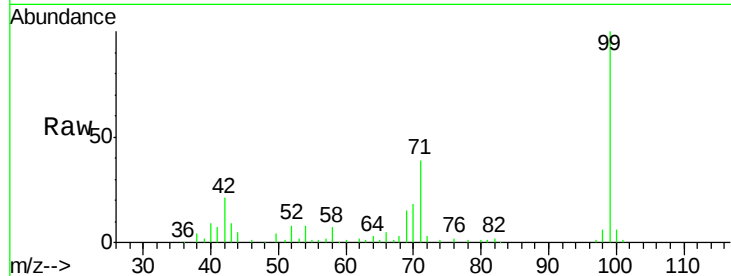
Tot Ion: 99 Resp: 63083

Ion Ratio Lower Upper

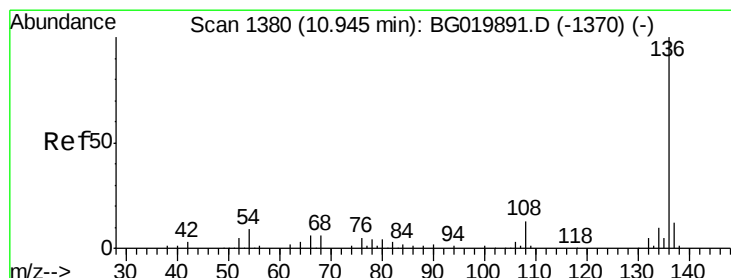
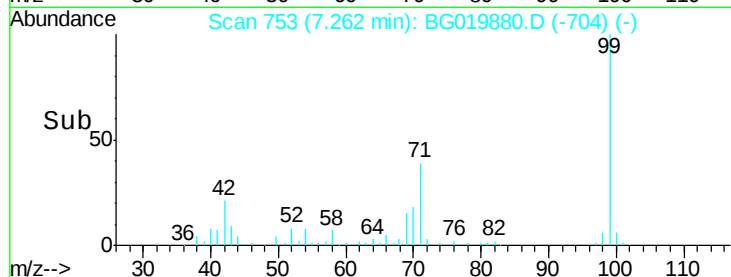
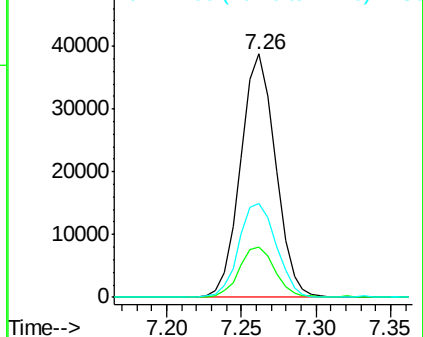
99 100

42 20.7 11.5 17.3#

71 38.7 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: BG019880.D

Acq: 3 Dec 2015 21:20

Tgt Ion: 136 Resp: 107618

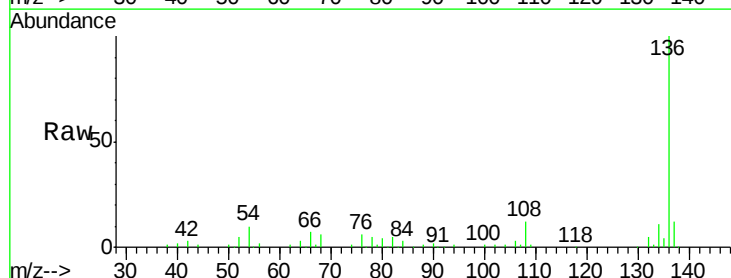
Ion Ratio Lower Upper

136 100

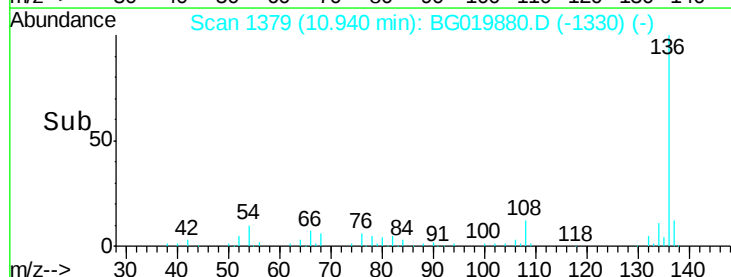
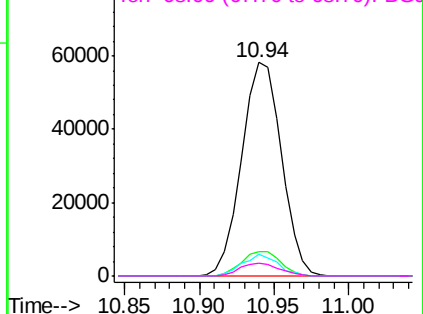
137 11.6 8.6 12.8

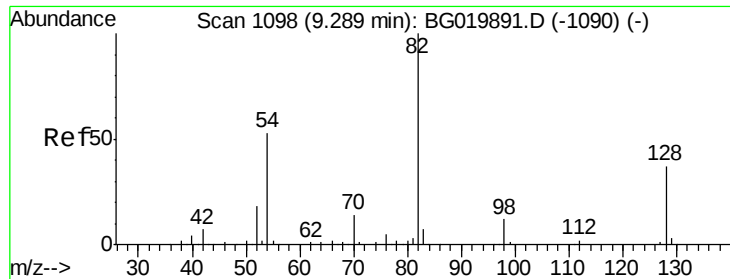
54 10.5 5.4 8.2#

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

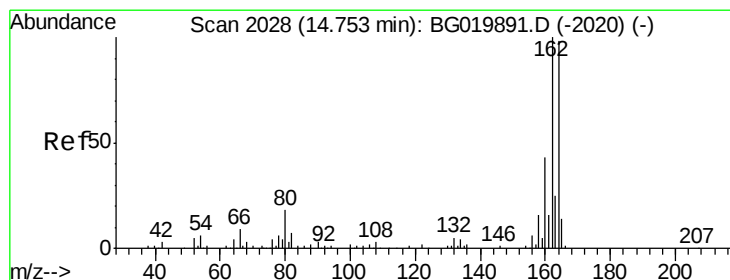
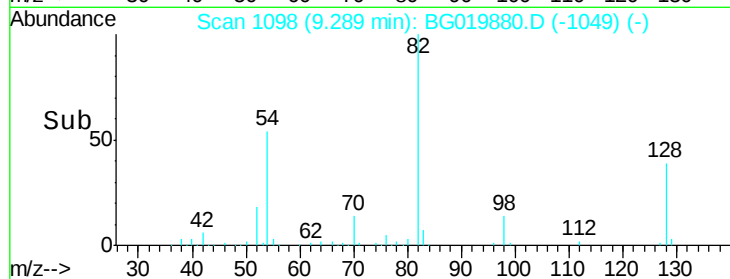
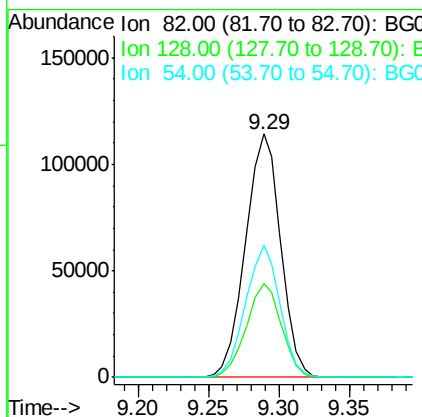
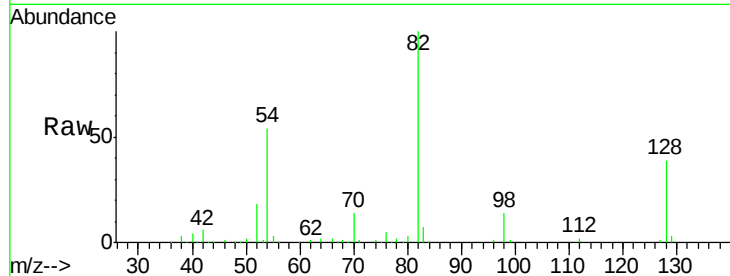




#23
 Nitrobenzene-d5
 Concen: 94.64 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019880.D
 Acq: 3 Dec 2015 21:20

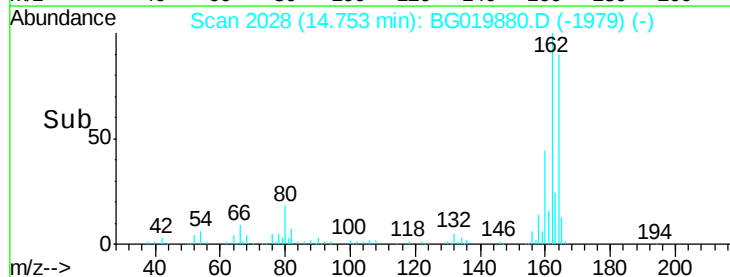
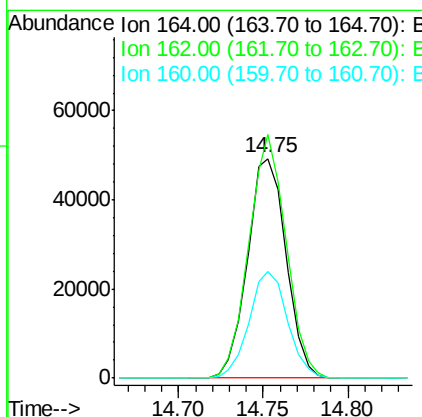
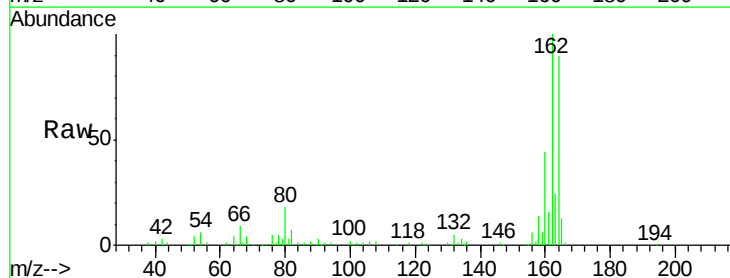
Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-D-S

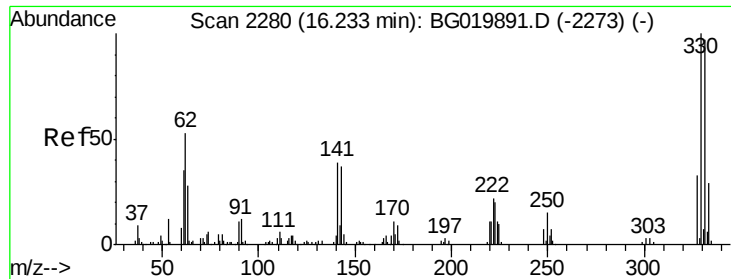
Tot Ion: 82 Resp: 199576
 Ion Ratio Lower Upper
 82 100
 128 38.8 36.7 55.1
 54 54.2 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019880.D
 Acq: 3 Dec 2015 21:20

Tgt Ion: 164 Resp: 78044
 Ion Ratio Lower Upper
 164 100
 162 110.8 78.8 118.2
 160 48.6 36.4 54.6

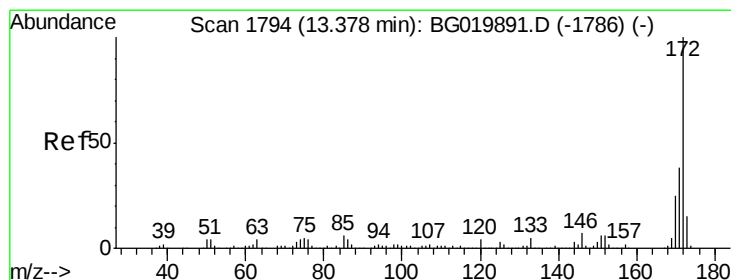
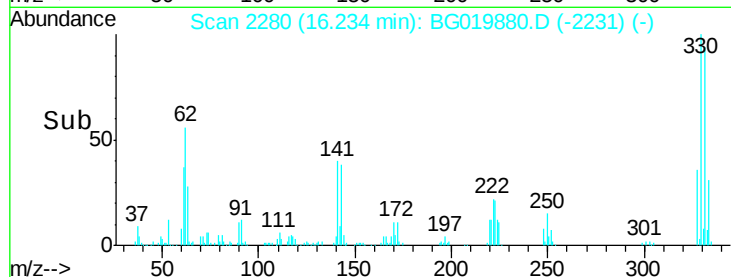
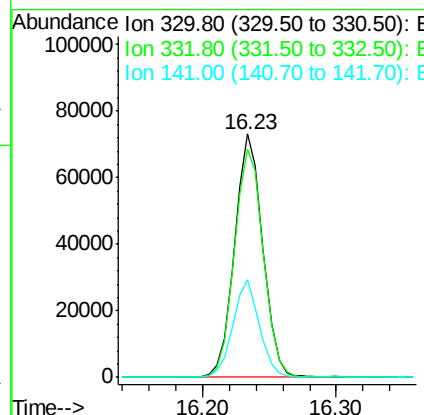
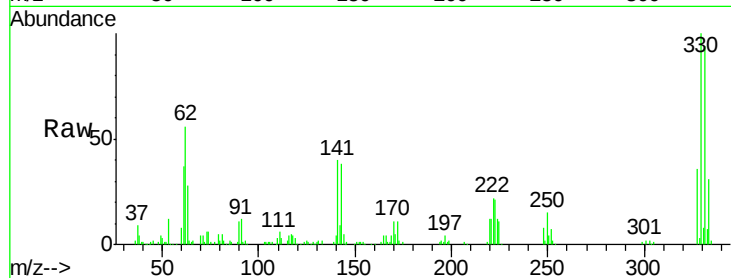




#41
 2,4,6-Tribromophenol
 Concen: 90.03 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019880.D
 Acq: 3 Dec 2015 21:20

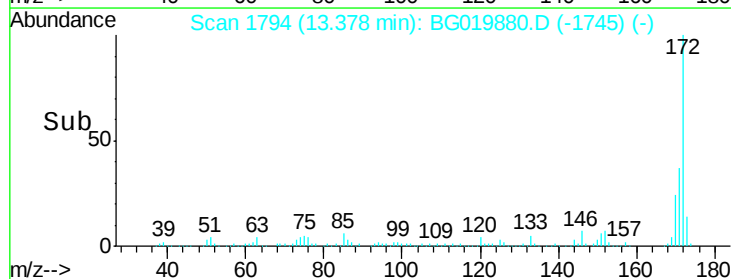
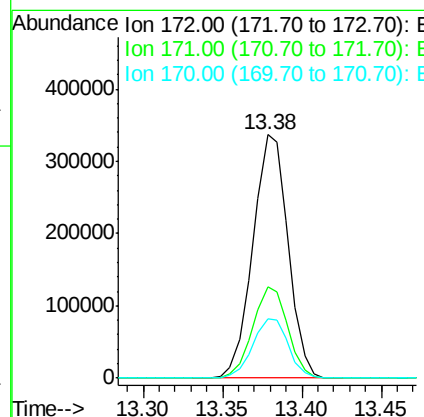
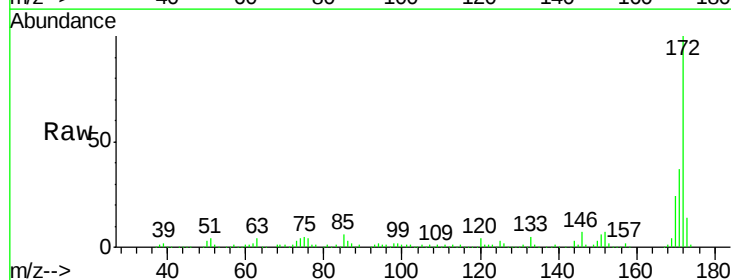
Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-D-S

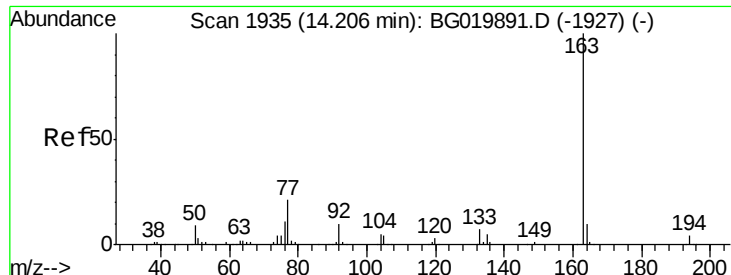
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	38.0	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 91.02 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019880.D
 Acq: 3 Dec 2015 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	24.4	19.9	29.9





#49

Dimethylphthalate

Concen: 3.12 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG019880.D

Acq: 3 Dec 2015 21:20

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-D-S

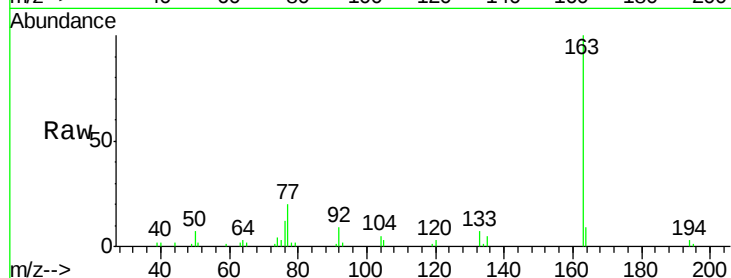
Tot Ion:163 Resp: 21911

Ion Ratio Lower Upper

163 100

194 3.0 3.1 4.7#

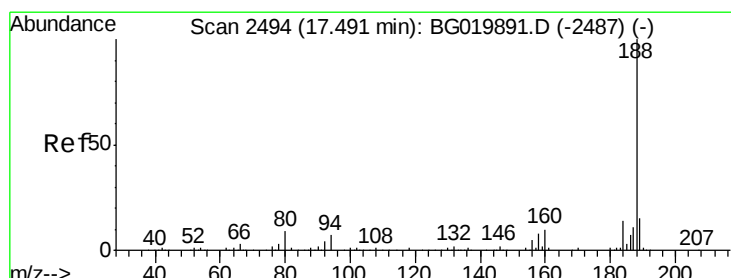
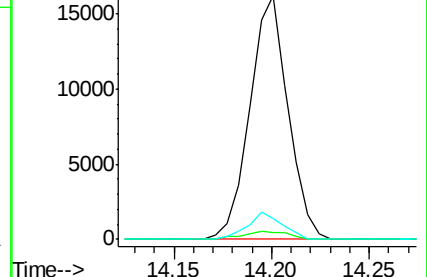
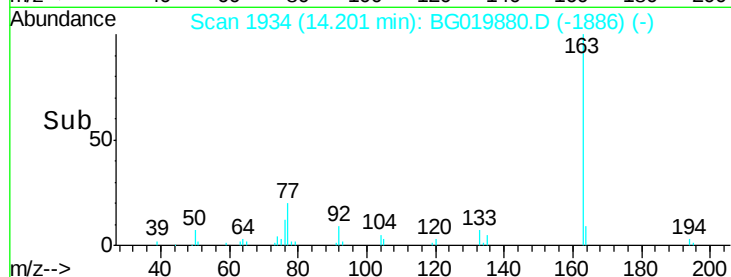
164 8.8 8.8 13.2#



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: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019880.D

Acq: 3 Dec 2015 21:20

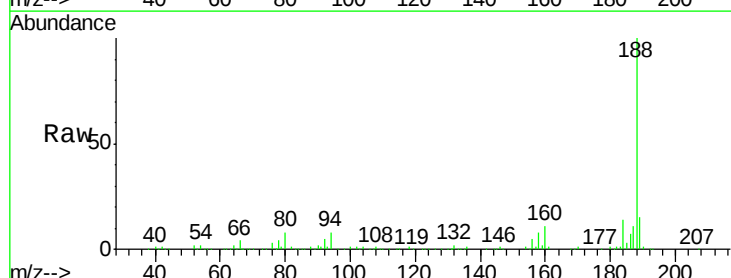
Tgt Ion:188 Resp: 199920

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

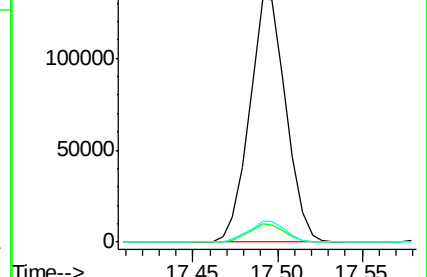
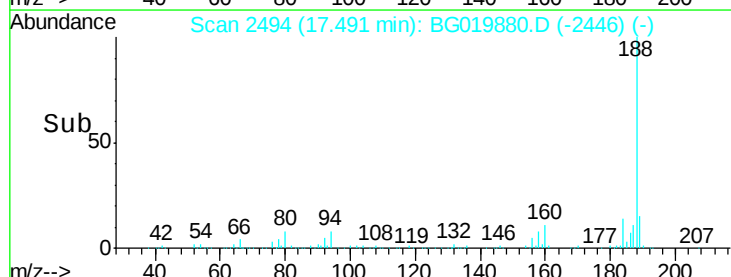
80 8.4 7.8 11.8

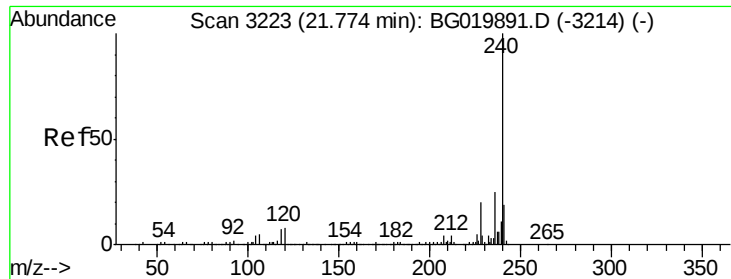


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

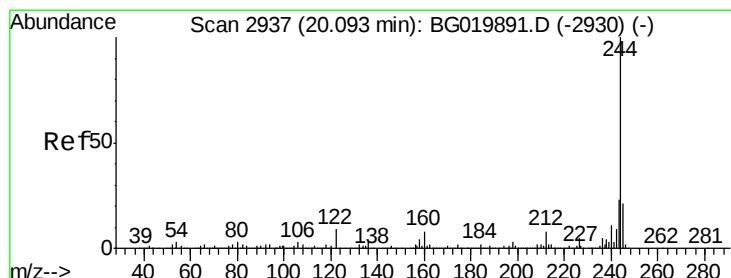
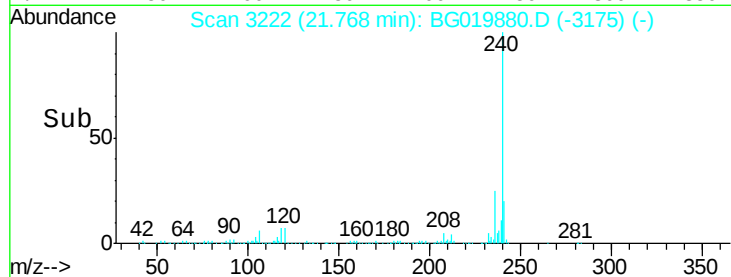
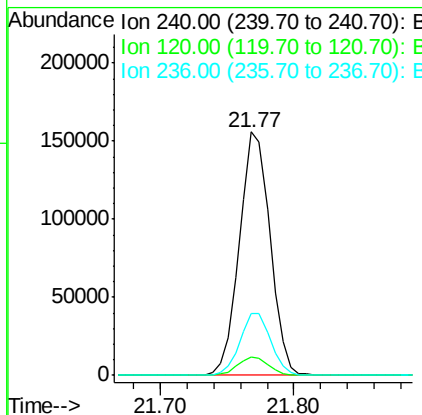
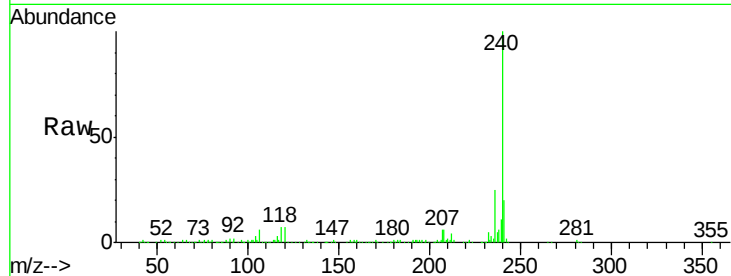




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019880.D
Acq: 3 Dec 2015 21:20

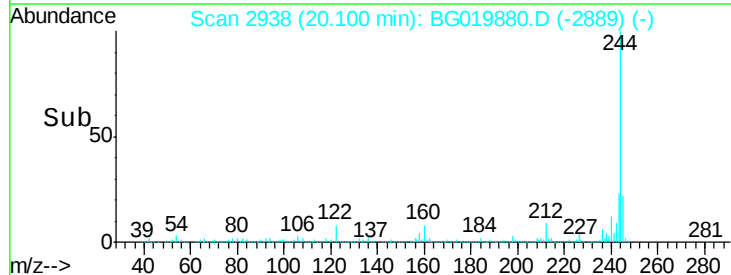
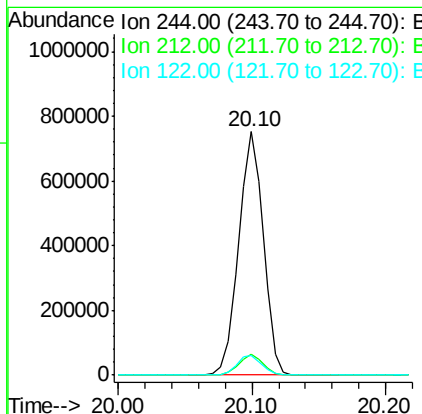
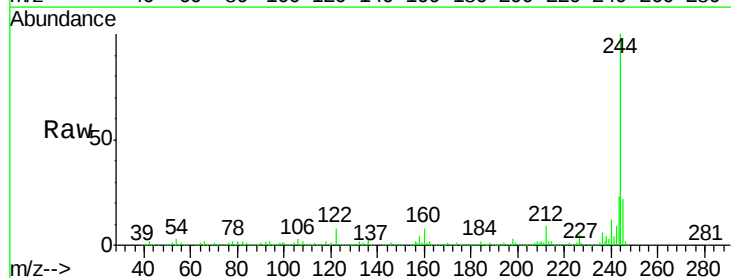
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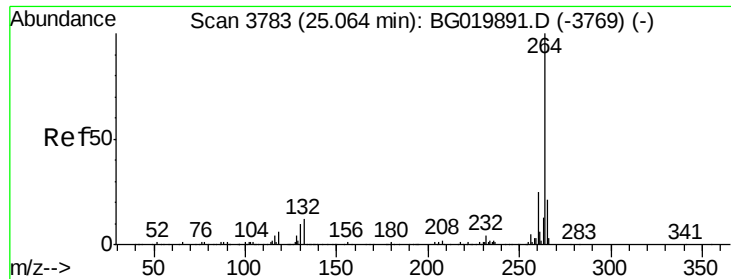
Tot Ion:240 Resp: 248049
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 25.2 20.7 31.1



#78
Terphenyl-d14
Concen: 94.22 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG019880.D
Acq: 3 Dec 2015 21:20

Tgt Ion:244 Resp: 958181
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 8.1 10.2 15.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3783
Delta R.T. -0.03 min
Lab File: BG019880.D
Acq: 3 Dec 2015 21:20

Instrument :
BNA_G
ClientSampleId :
112715-A263-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.5	17.2	25.8

