

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019888.D
 Acq On : 4 Dec 2015 2:29
 Operator : UM/NP
 Sample : G4598-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-D-S

Quant Time: Dec 04 04:28:04 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

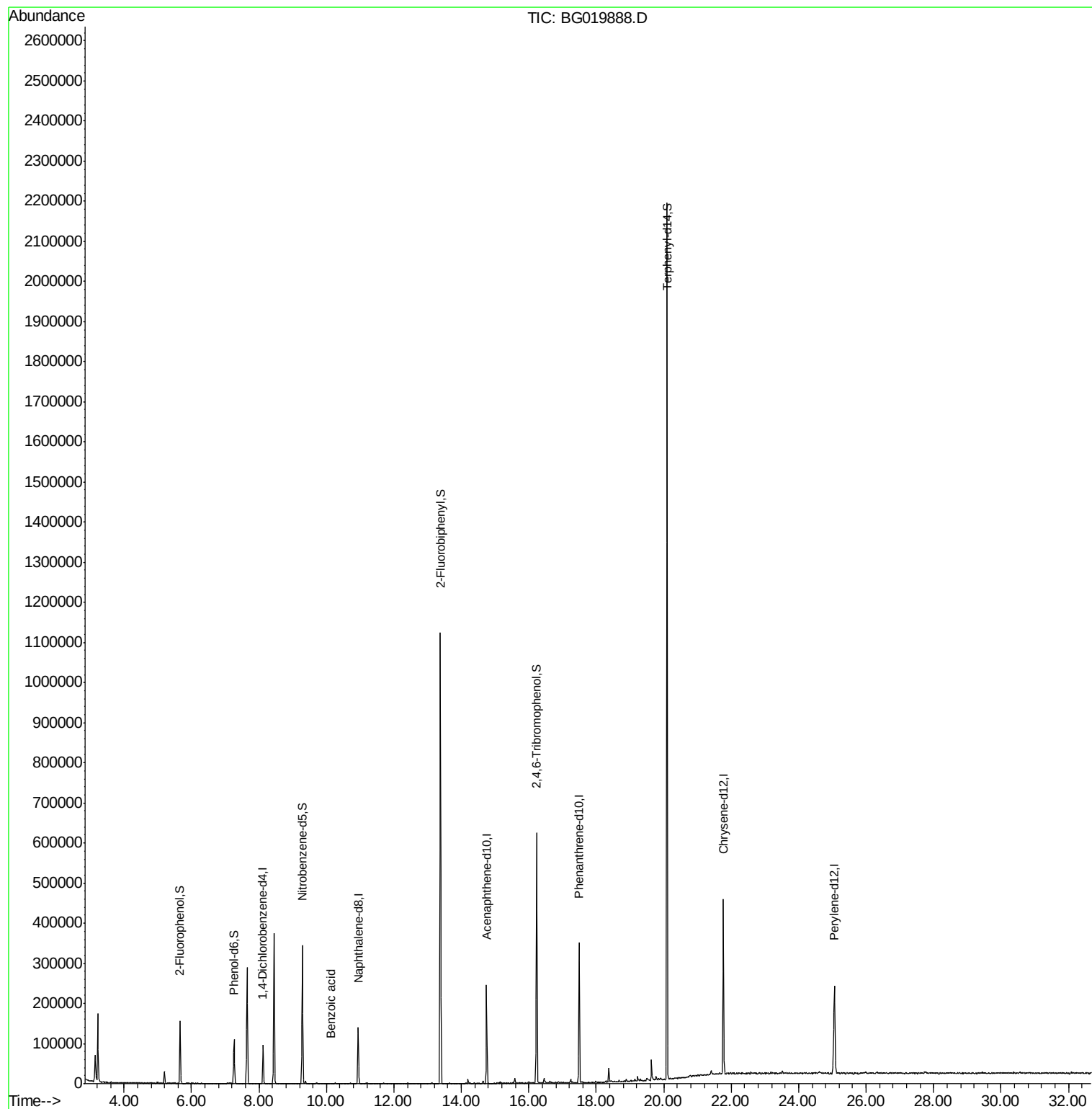
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25129	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	113228	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	83538	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	213197	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	258598	20.00	ng	-0.02
86) Perylene-d12	25.06	264	241371	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	64906	46.68	ng	-0.01
7) Phenol-d6	7.26	99	60012	28.59	ng	-0.01
23) Nitrobenzene-d5	9.29	82	210262	94.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	113042	88.44	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	546154	89.27	ng	-0.01
78) Terphenyl-d14	20.10	244	979024	92.34	ng	-0.01
Target Compounds						
32) Benzoic acid	10.14	122	54	6.04	ng	Qvalue # 1

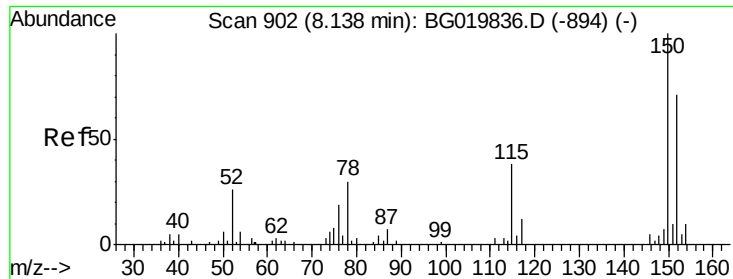
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-S

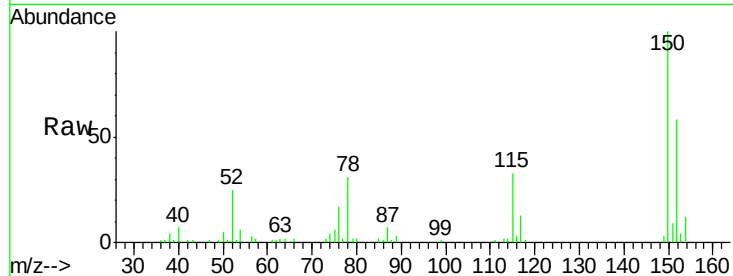
Tgt Ion:152 Resp: 25129

Ion Ratio Lower Upper

152 100

150 171.6 115.0 172.4

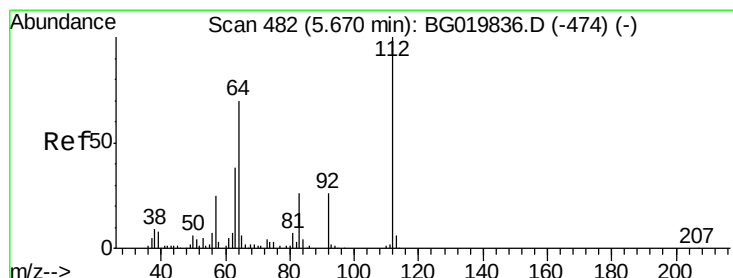
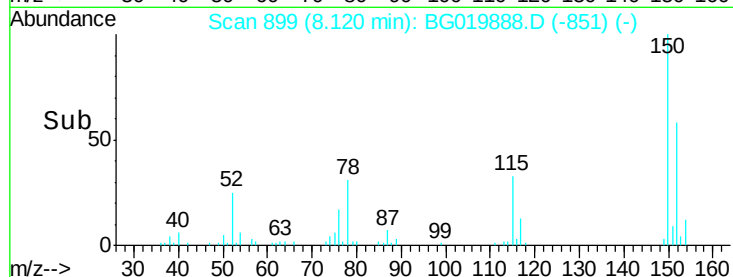
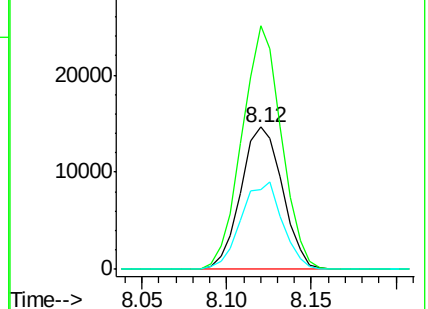
115 56.4 43.9 65.9



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: 46.68 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

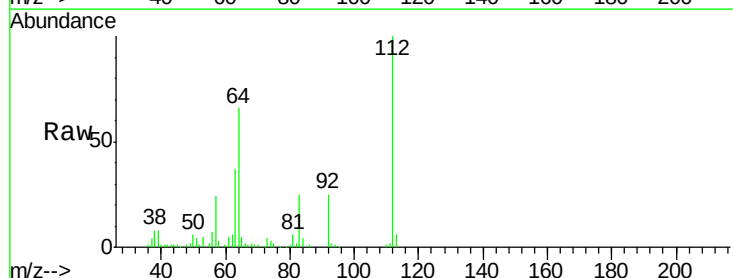
Tgt Ion:112 Resp: 64906

Ion Ratio Lower Upper

112 100

64 66.4 43.7 65.5#

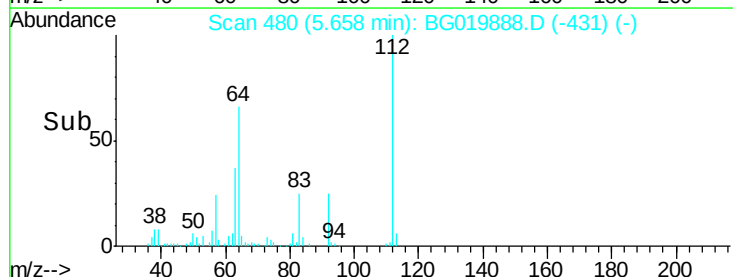
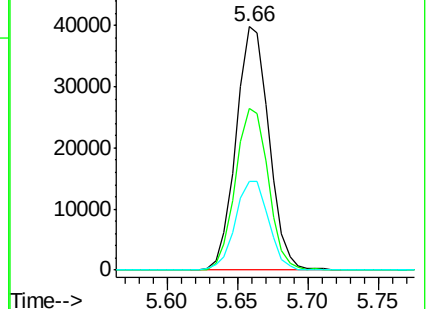
63 36.6 24.0 36.0#

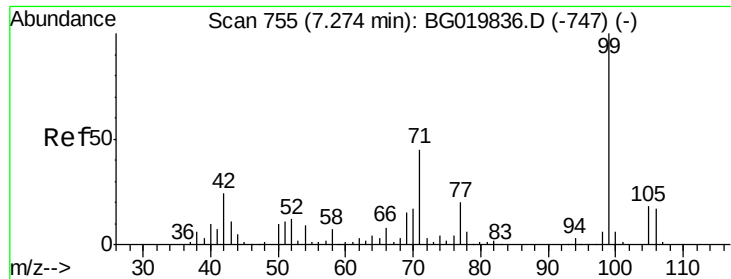


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.59 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

Instrument :

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ClientSampleId :

113015-A263-F-D-S

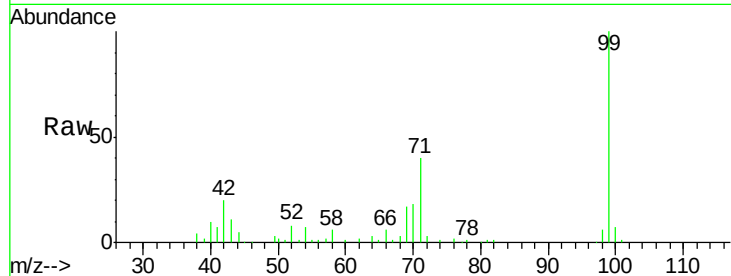
Tgt Ion: 99 Resp: 60012

Ion Ratio Lower Upper

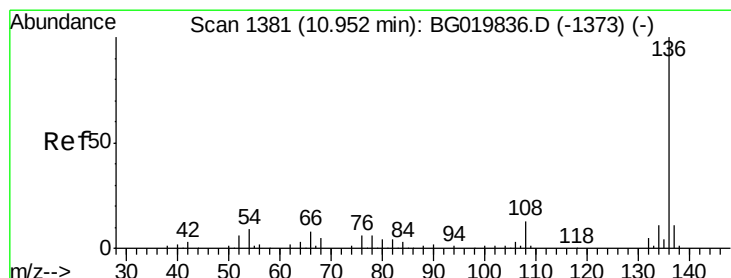
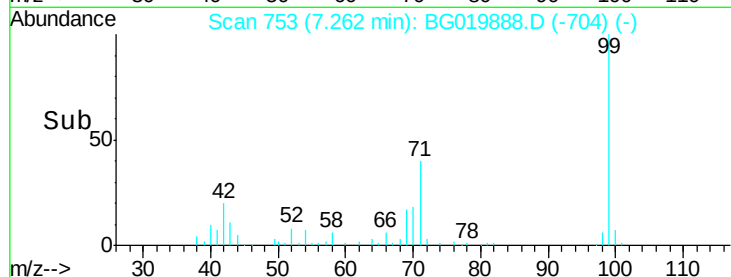
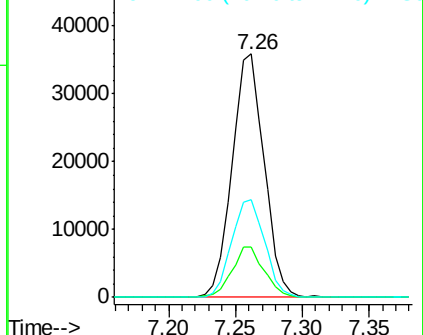
99 100

42 20.4 11.5 17.3#

71 40.1 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

Tgt Ion: 136 Resp: 113228

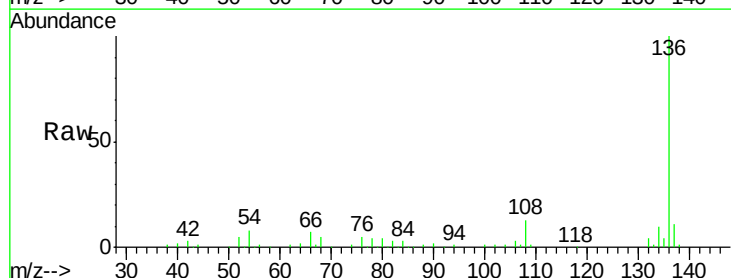
Ion Ratio Lower Upper

136 100

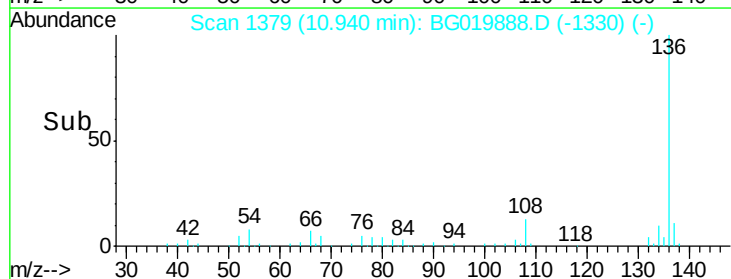
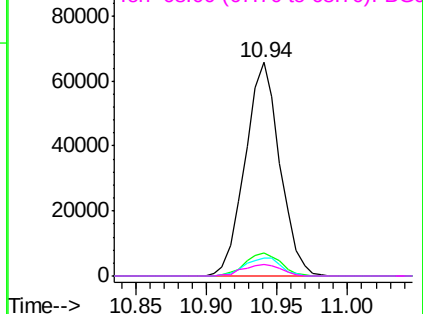
137 10.7 8.6 12.8

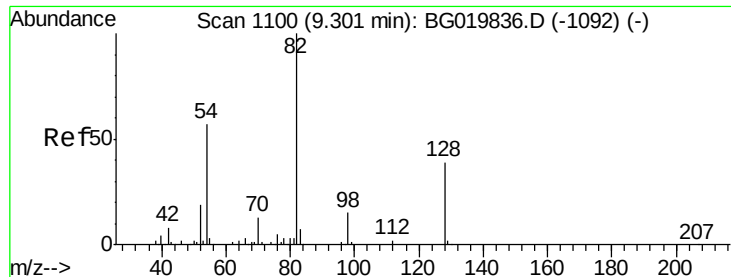
54 8.2 5.4 8.2#

68 5.2 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: 94.77 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-S

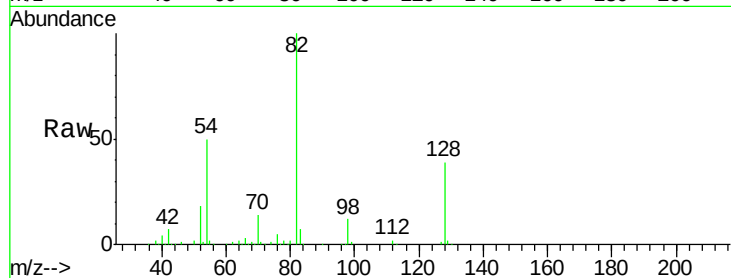
Tgt Ion: 82 Resp: 210262

Ion Ratio Lower Upper

82 100

128 39.5 36.7 55.1

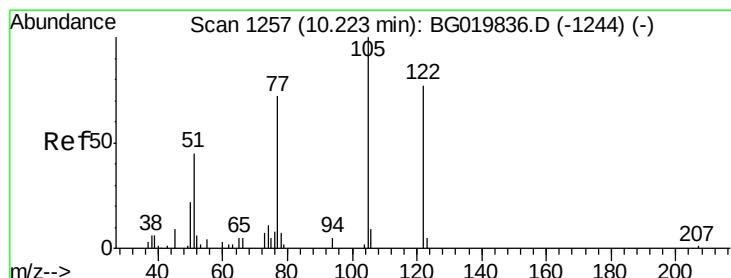
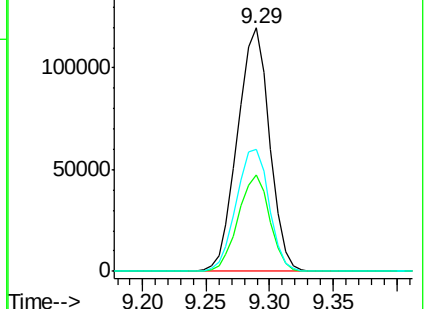
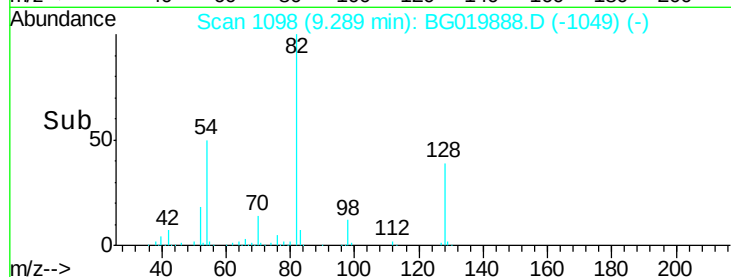
54 50.2 33.8 50.8



Abundance Ion 82.00 (81.70 to 82.70): BG019888.D (-1049) (-)

Ion 128.00 (127.70 to 128.70): BG019888.D (-1049) (-)

Ion 54.00 (53.70 to 54.70): BG019888.D (-1049) (-)



#32

Benzoic acid

Concen: 6.04 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.09 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

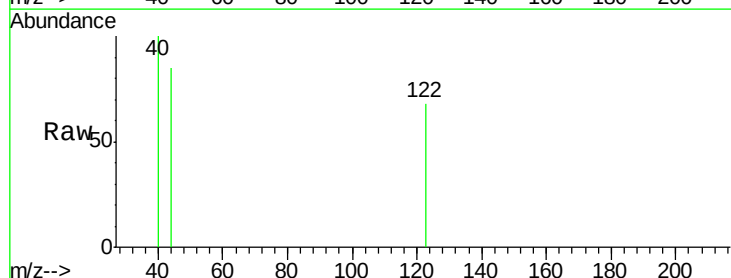
Tgt Ion: 122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

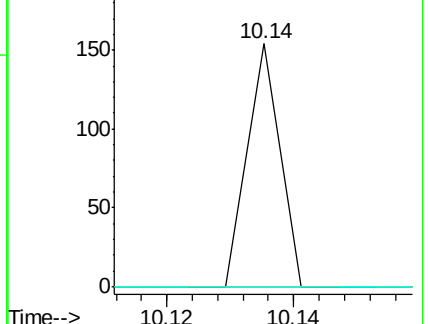
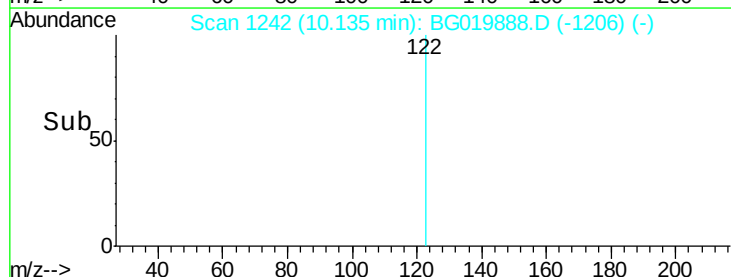
77 0.0 68.8 108.8#

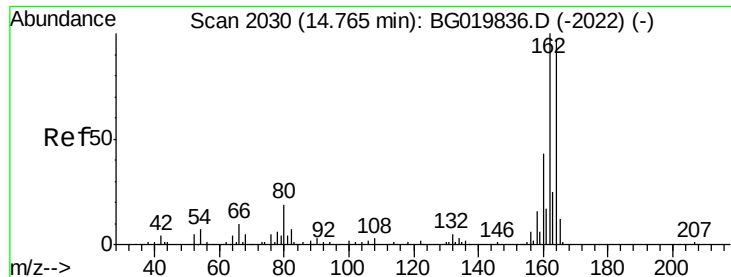


Abundance Ion 122.00 (121.70 to 122.70): BG019888.D (-1206) (-)

Ion 105.00 (104.70 to 105.70): BG019888.D (-1206) (-)

Ion 77.00 (76.70 to 77.70): BG019888.D (-1206) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-S

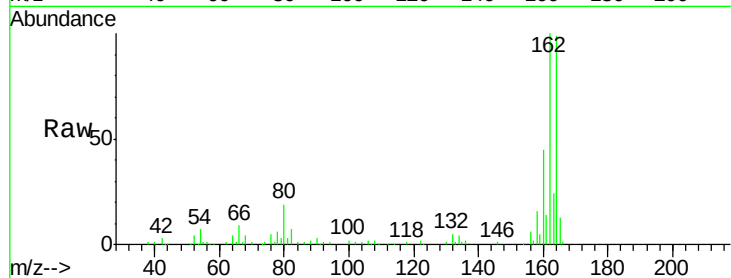
Tgt Ion:164 Resp: 83538

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

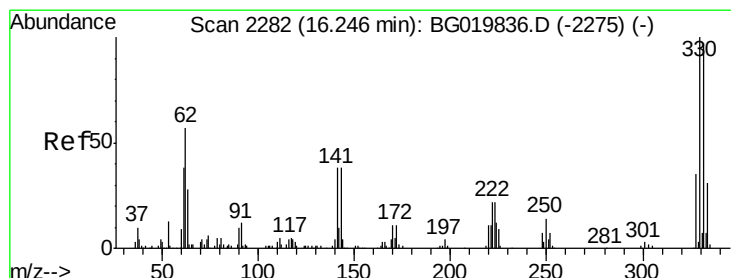
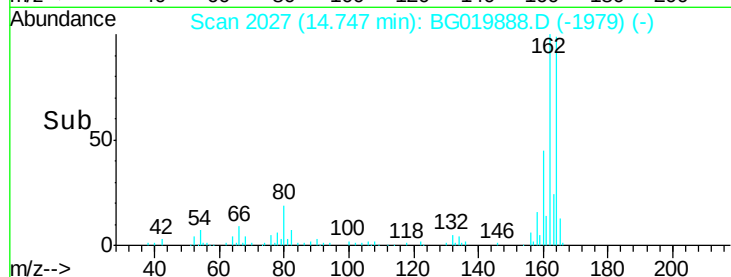
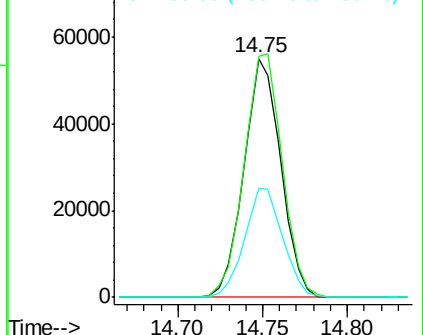
160 45.9 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 88.44 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019888.D

Acq: 4 Dec 2015 2:29

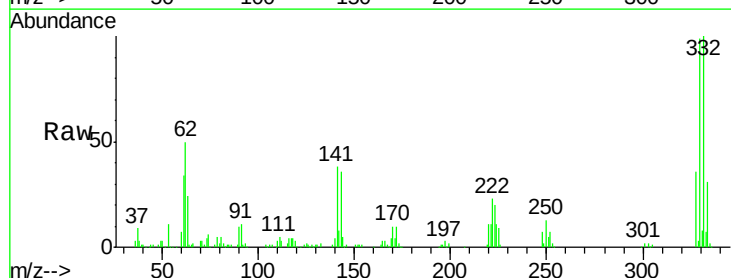
Tgt Ion:330 Resp: 113042

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

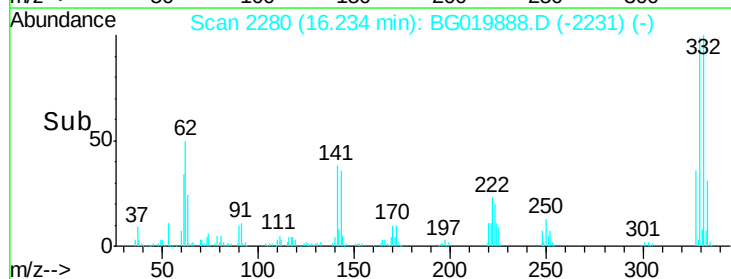
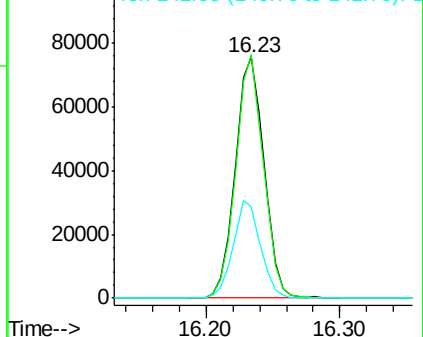
141 39.0 28.2 42.2

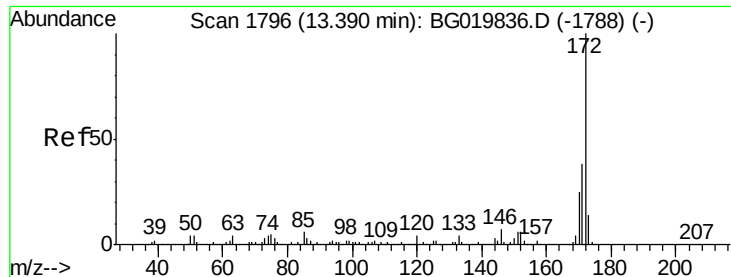


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

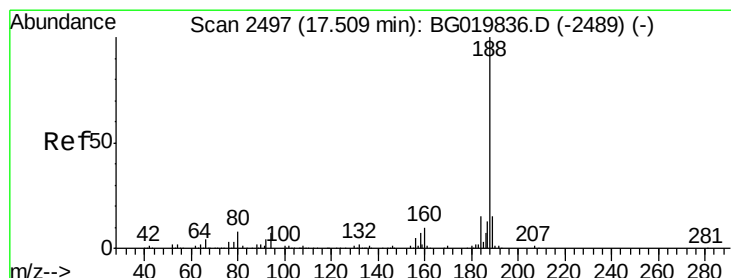
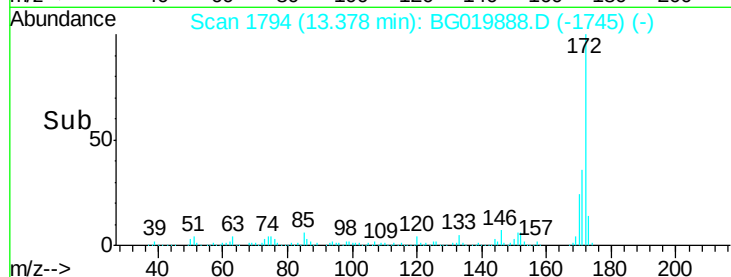
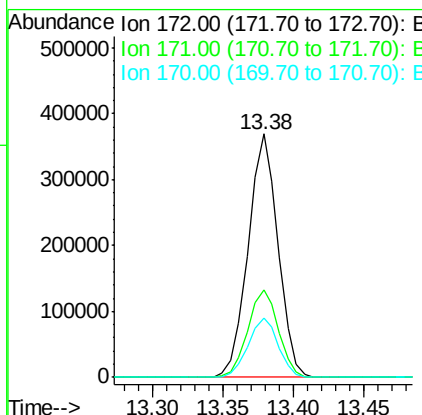
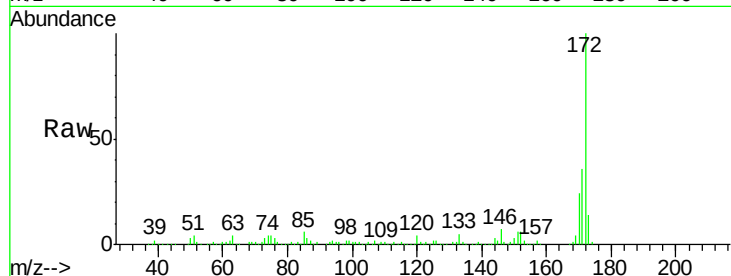




#44
2-Fluorobiphenyl
Concen: 89.27 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019888.D
Acq: 4 Dec 2015 2:29

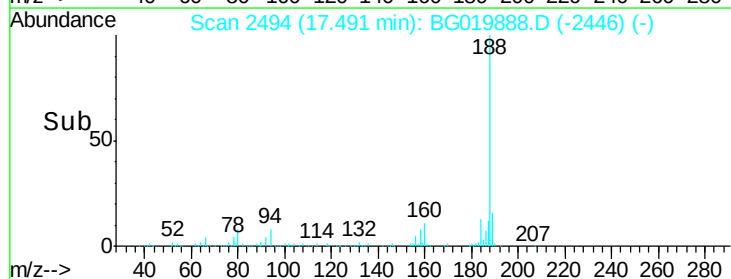
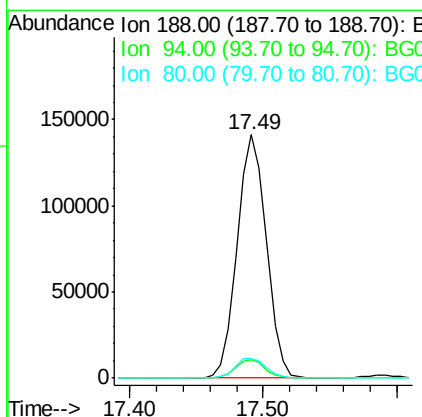
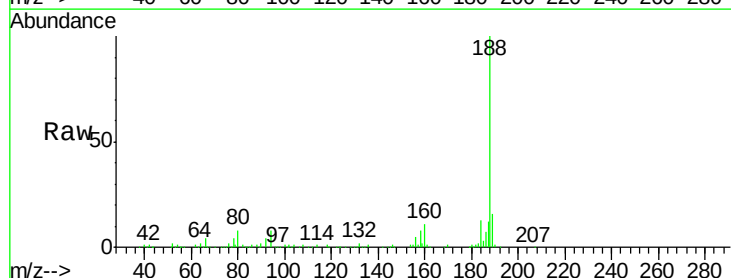
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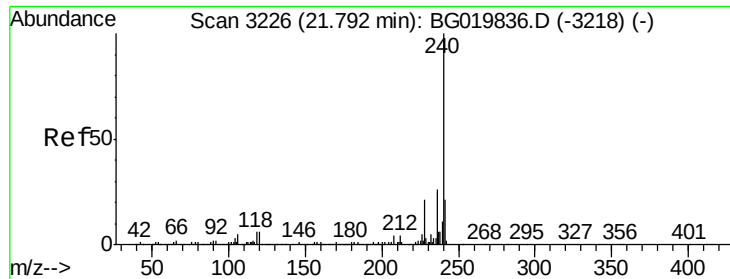
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019888.D
Acq: 4 Dec 2015 2:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.7	11.5#
80	8.2	7.8	11.8

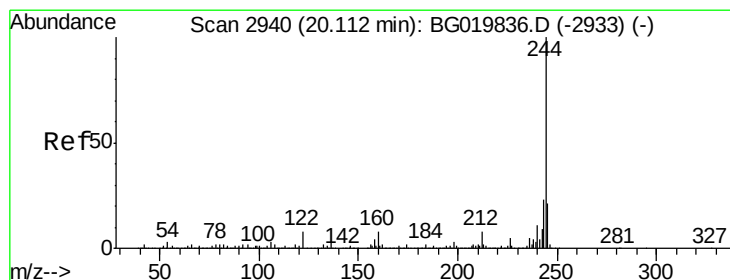
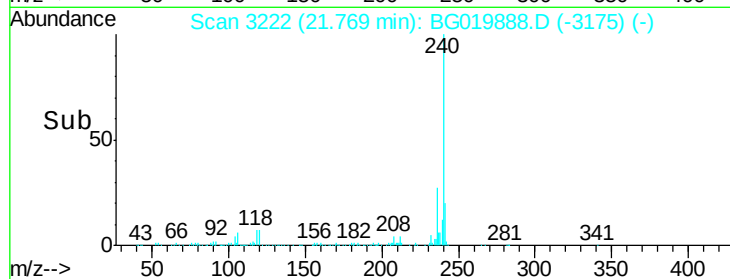
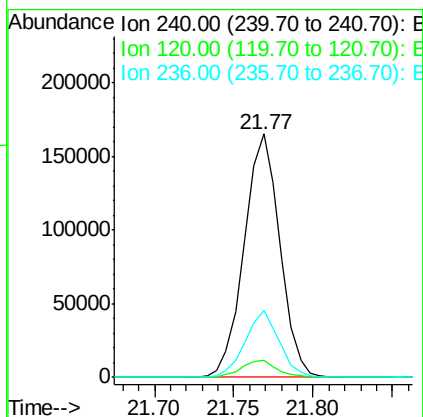
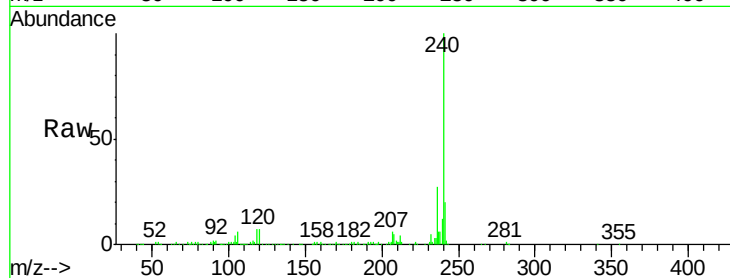




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019888.D
Acq: 4 Dec 2015 2:29

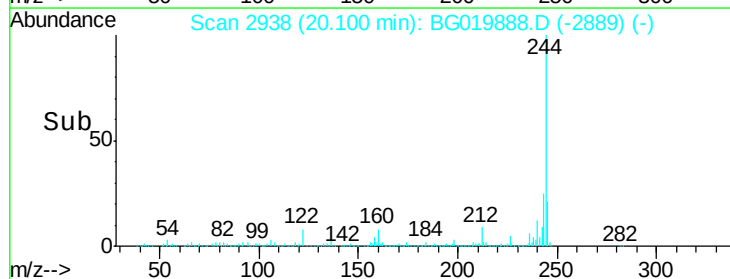
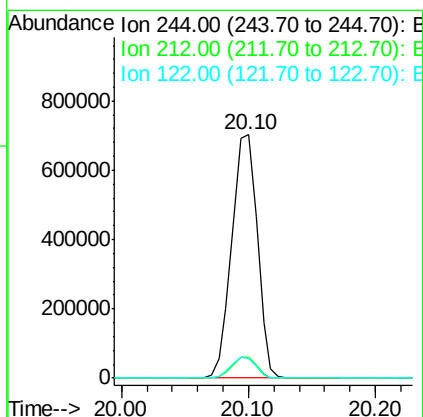
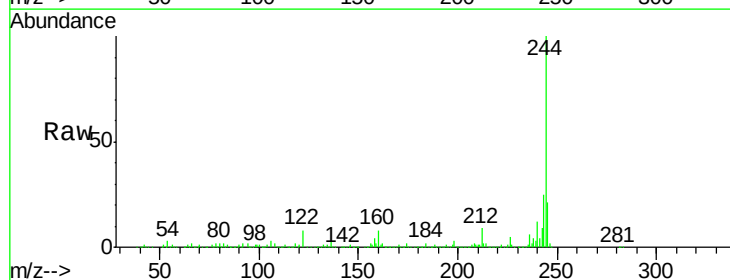
Instrument :
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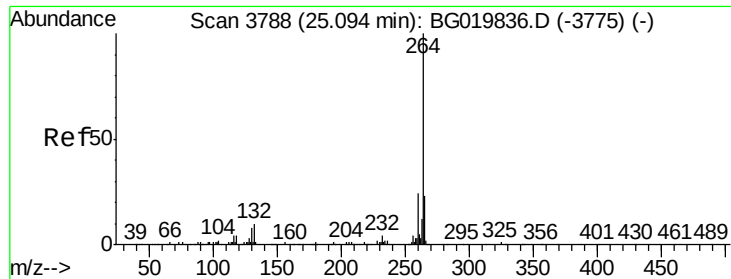
Tgt Ion:240 Resp: 258598
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 27.3 20.7 31.1



#78
Terphenyl-d14
Concen: 92.34 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG019888.D
Acq: 4 Dec 2015 2:29

Tgt Ion:244 Resp: 979024
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 8.3 10.2 15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.04 min
Lab File: BG019888.D
Acq: 4 Dec 2015 2:29

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	264	Resp:	241371
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.6	17.2	25.8

