

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019905.D
 Acq On : 4 Dec 2015 13:28
 Operator : UM/NP
 Sample : G4609-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-1

Quant Time: Dec 04 14:07:11 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

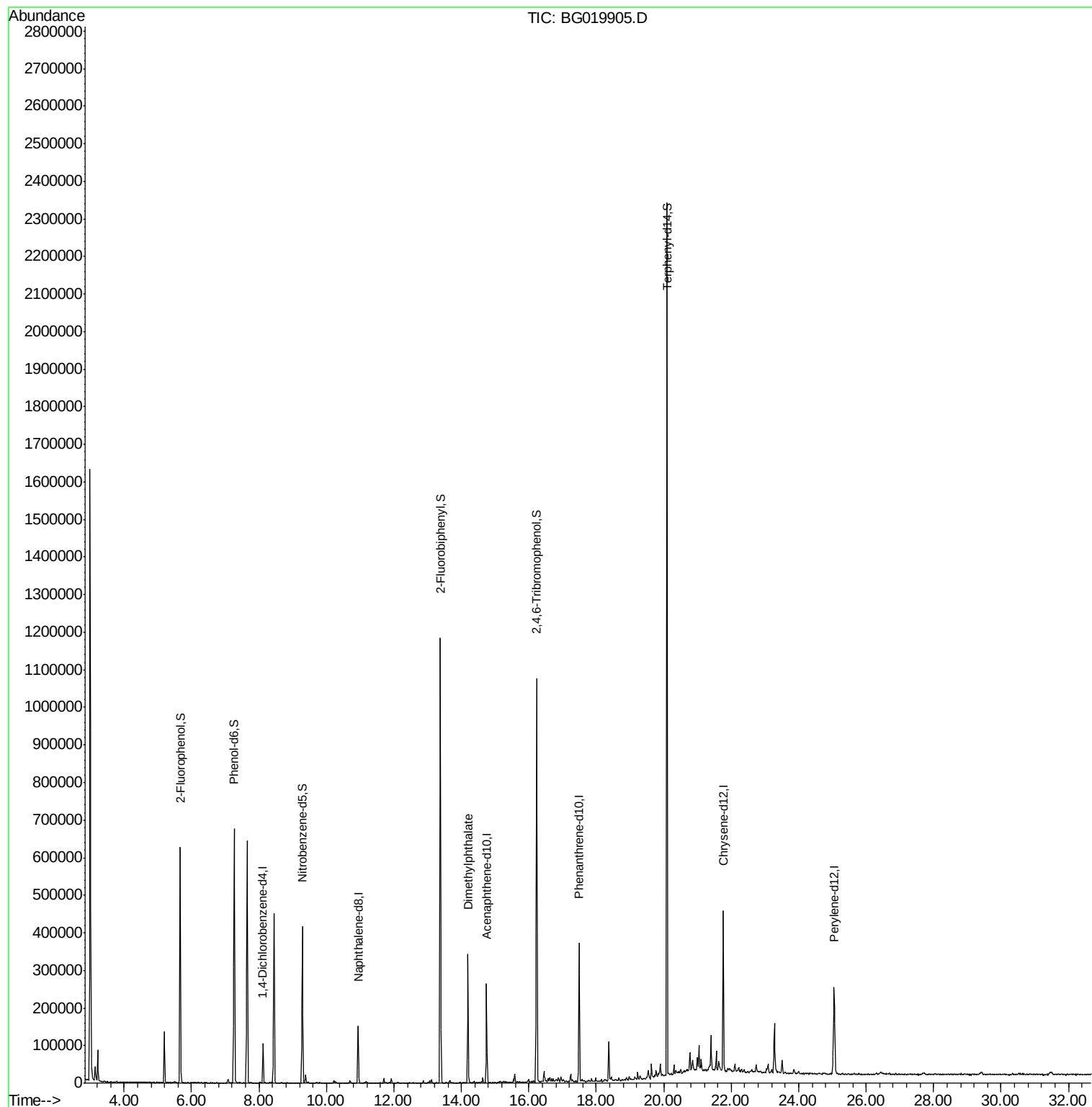
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27258	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	122136	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	89239	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	217502	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	260542	20.00	ng	-0.03
86) Perylene-d12	25.05	264	249769	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	254862	168.99	ng	0.00
7) Phenol-d6	7.27	99	383080	168.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	254756	106.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	196623	144.00	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	599520	91.73	ng	-0.01
78) Terphenyl-d14	20.09	244	978797	91.63	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.19	163	219964	27.40	ng	98

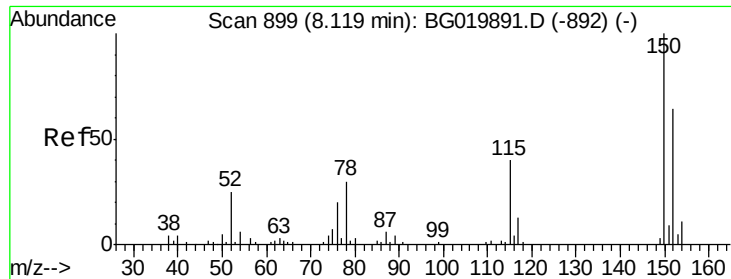
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

Instrument :

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ClientSampleId :

CF-1

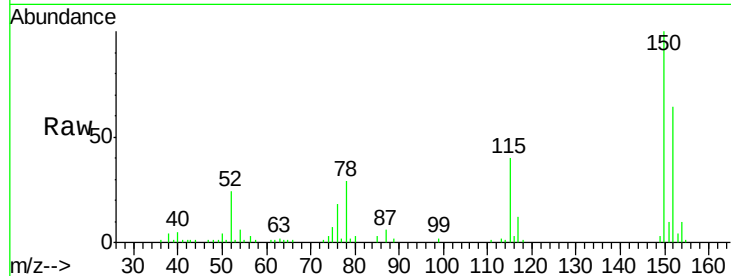
Tot Ion:152 Resp: 27258

Ion Ratio Lower Upper

152 100

150 155.9 115.0 172.4

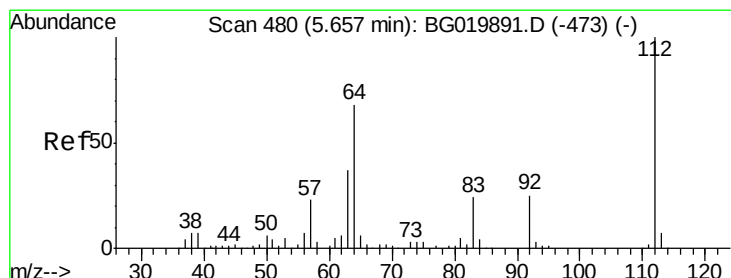
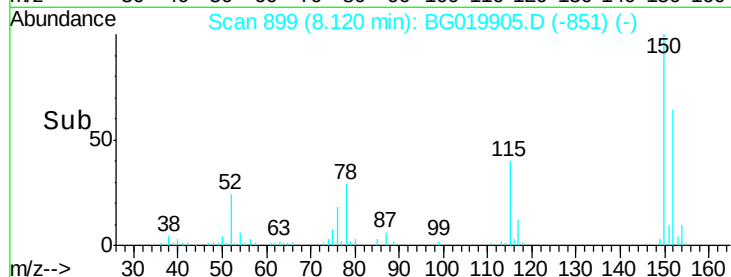
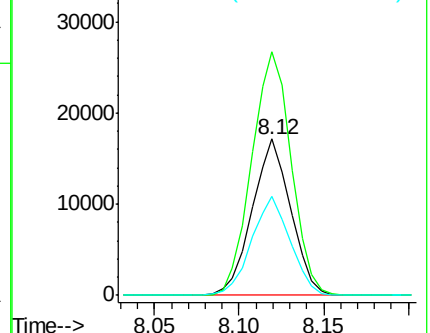
115 63.0 43.9 65.9



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: 168.99 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

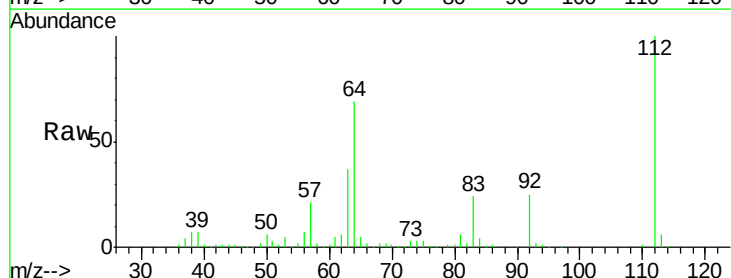
Tgt Ion:112 Resp: 254862

Ion Ratio Lower Upper

112 100

64 68.6 43.7 65.5#

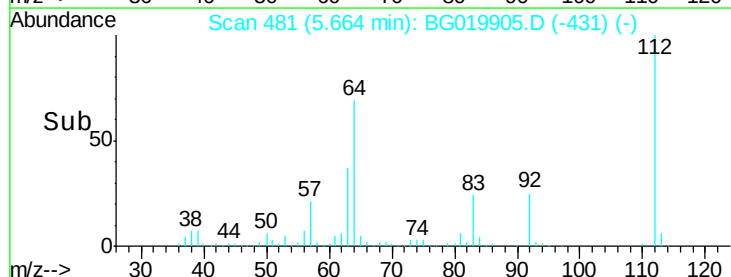
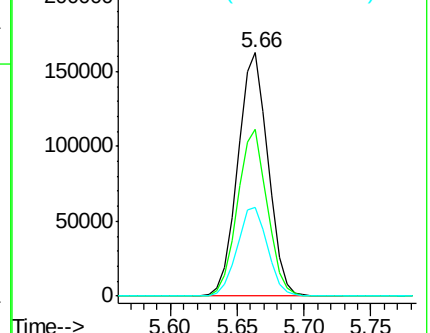
63 36.7 24.0 36.0#

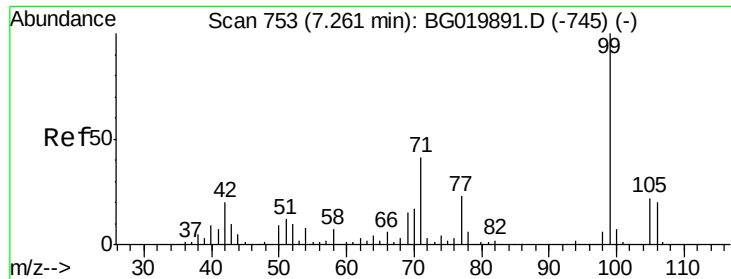


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.23 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

Instrument :

BNA_G

ClientSampled :

CF-1

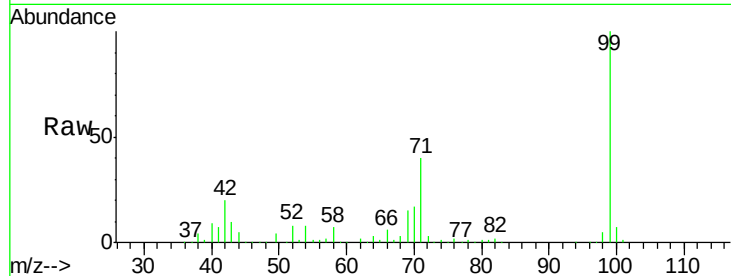
Tot Ion: 99 Resp: 383080

Ion Ratio Lower Upper

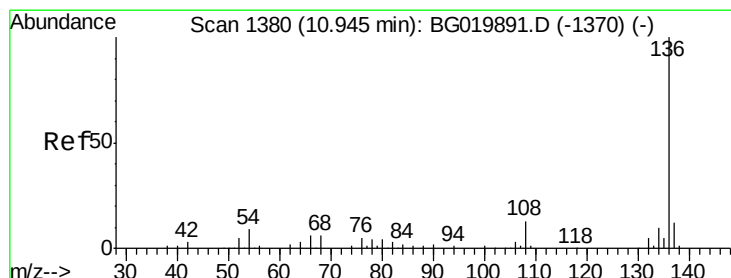
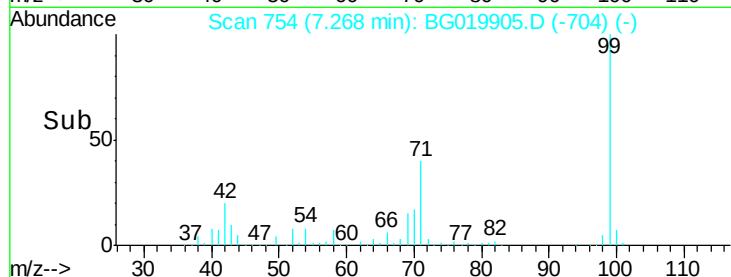
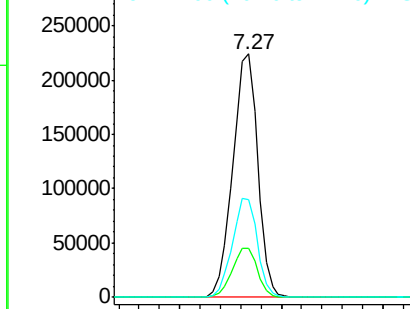
99 100

42 20.0 11.5 17.3#

71 40.2 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: BG019905.D

Acq: 4 Dec 2015 13:28

Tgt Ion: 136 Resp: 122136

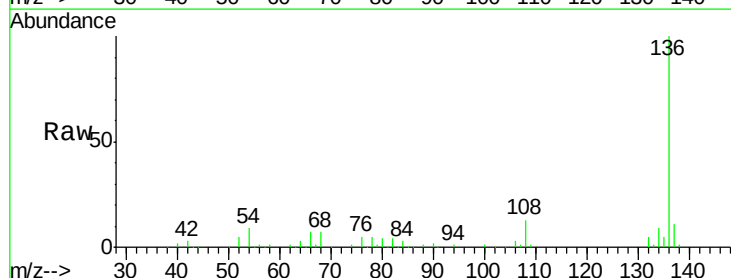
Ion Ratio Lower Upper

136 100

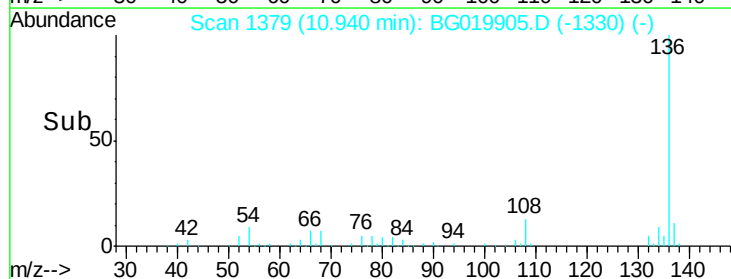
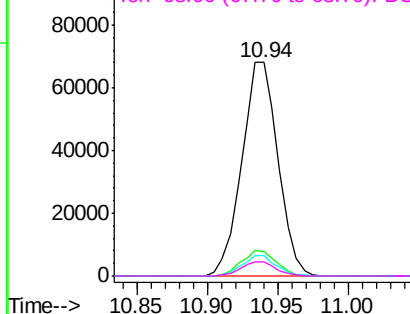
137 11.4 8.6 12.8

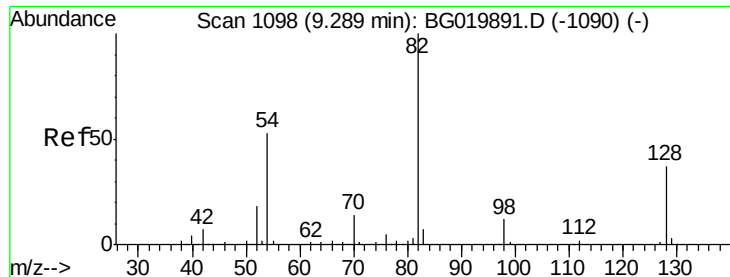
54 9.5 5.4 8.2#

68 6.6 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

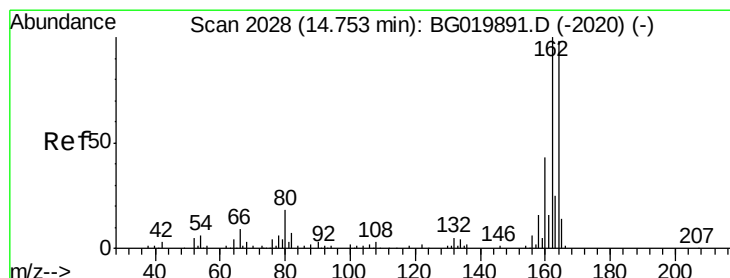
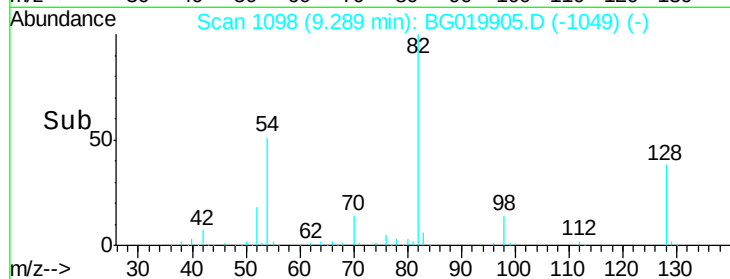
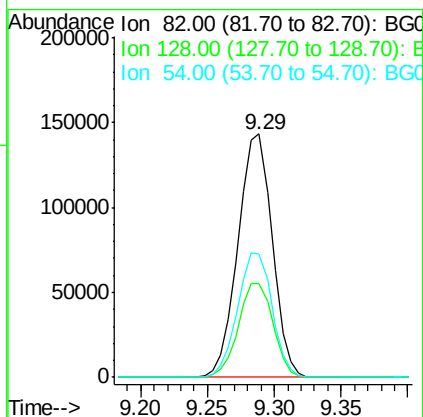
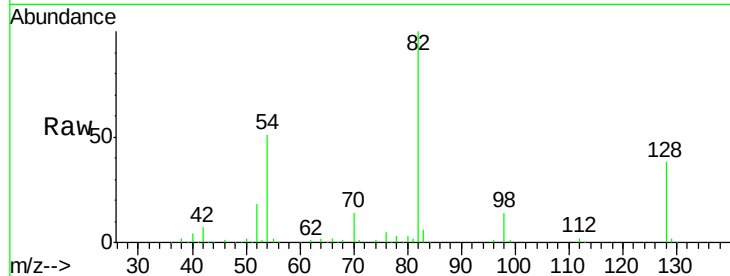




#23
 Nitrobenzene-d5
 Concen: 106.45 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

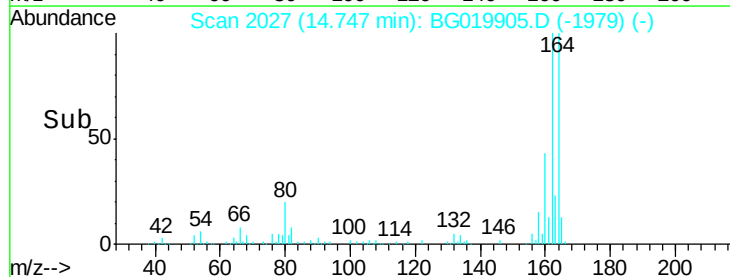
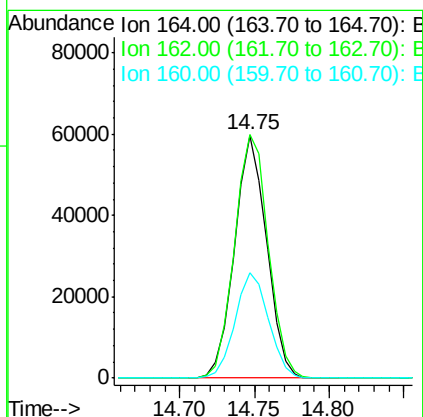
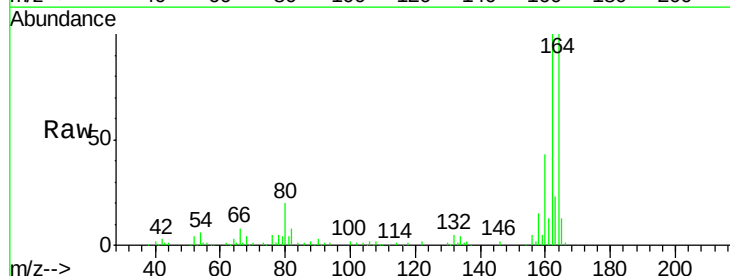
Instrument :
 BNA_G
 ClientSampleID :
 CF-1

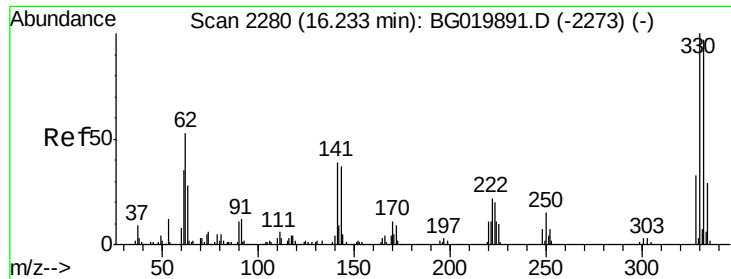
Tot Ion: 82 Resp: 254756
 Ion Ratio Lower Upper
 82 100
 128 38.5 36.7 55.1
 54 50.8 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Tgt Ion: 164 Resp: 89239
 Ion Ratio Lower Upper
 164 100
 162 100.3 78.8 118.2
 160 43.3 36.4 54.6

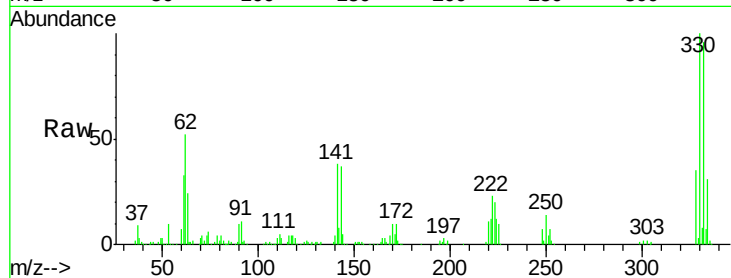




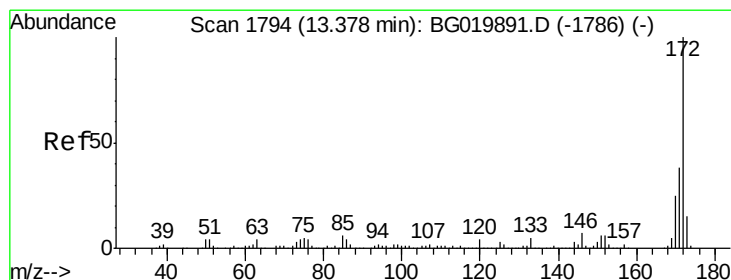
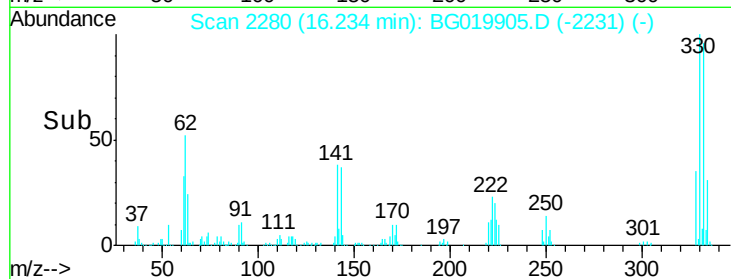
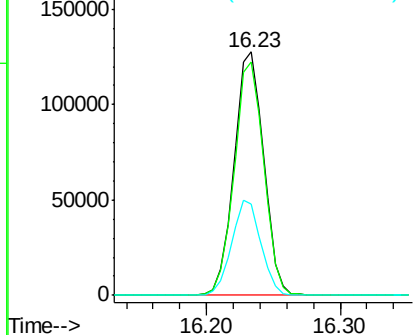
#41
 2,4,6-Tribromophenol
 Concen: 144.00 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Instrument :
 BNA_G
 ClientSampleId :
 CF-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	38.7	28.2	42.2

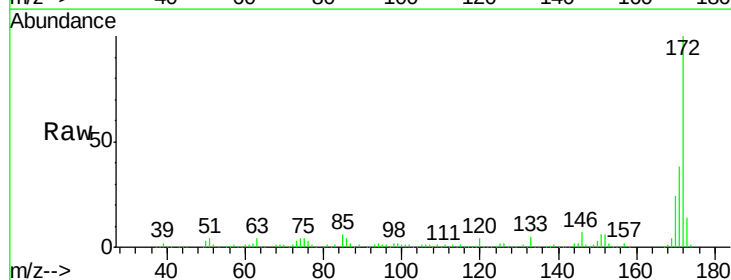


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

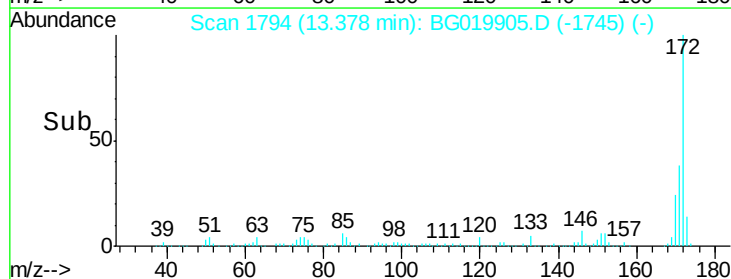
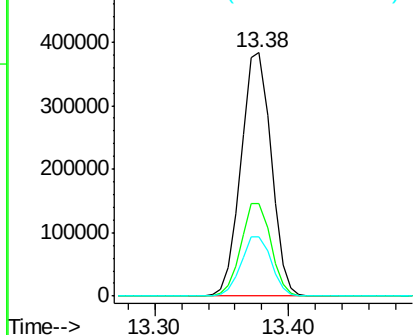


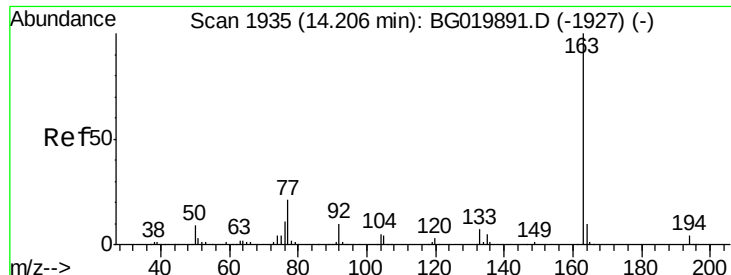
#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	24.2	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

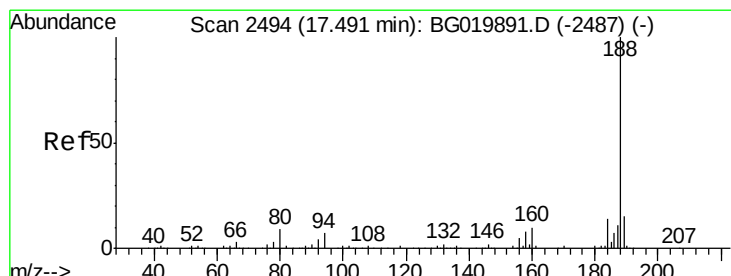
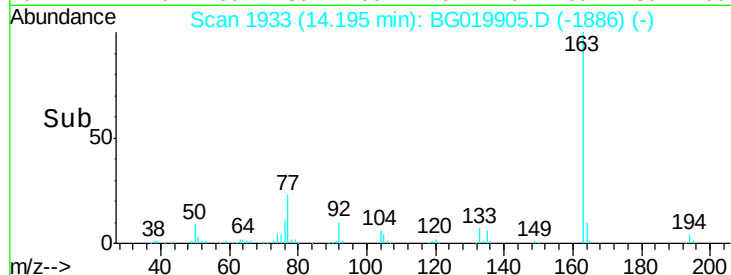
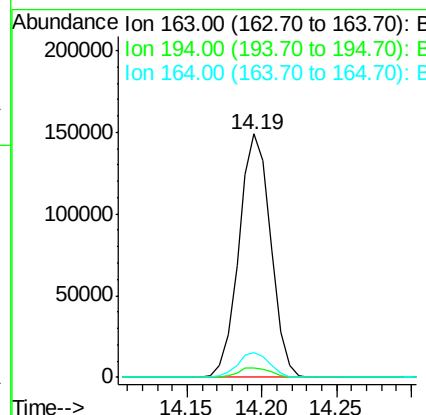
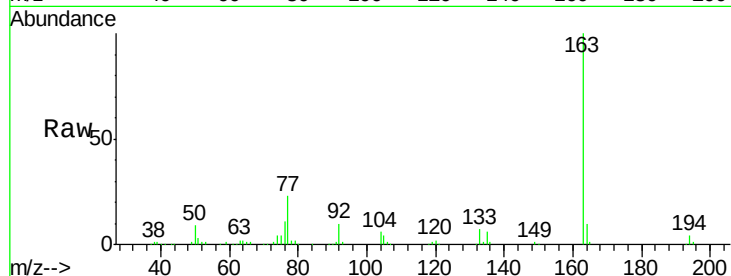




#49
Dimethylphthalate
Concen: 27.40 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

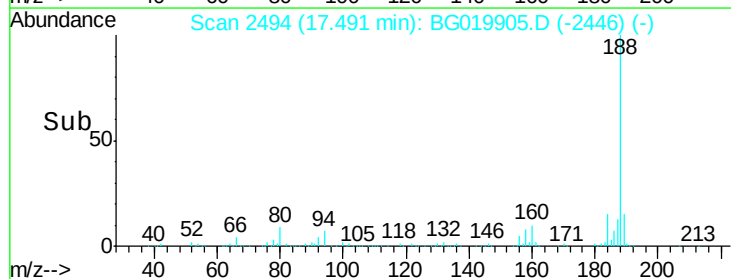
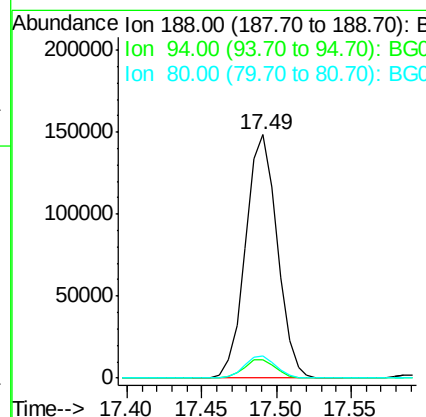
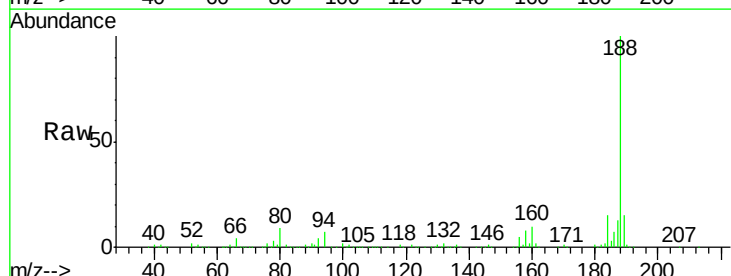
Instrument :
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ClientSampleId :
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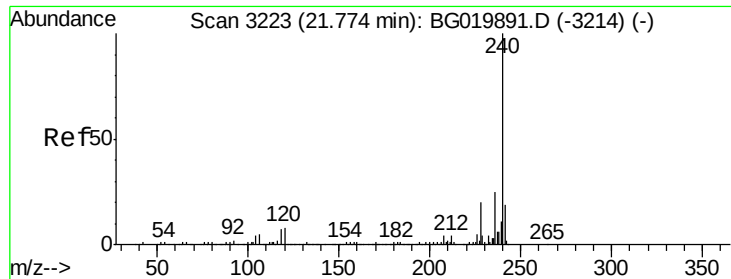
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.2	8.8	13.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.7	11.5#
80	8.9	7.8	11.8

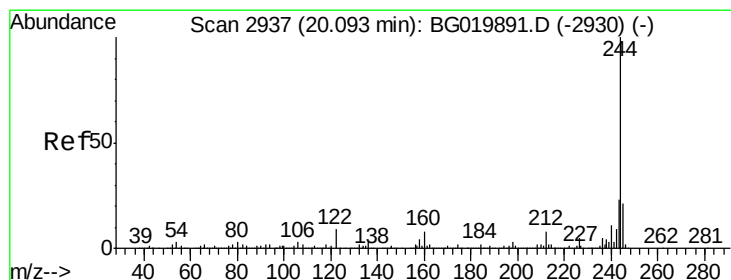
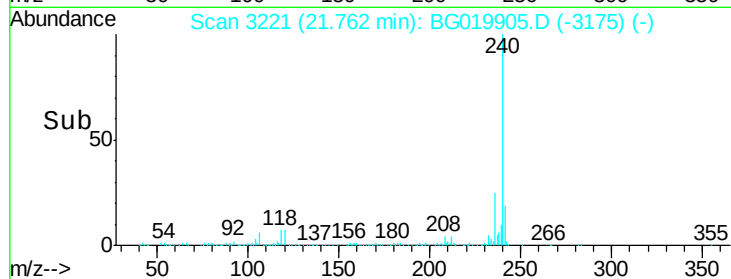
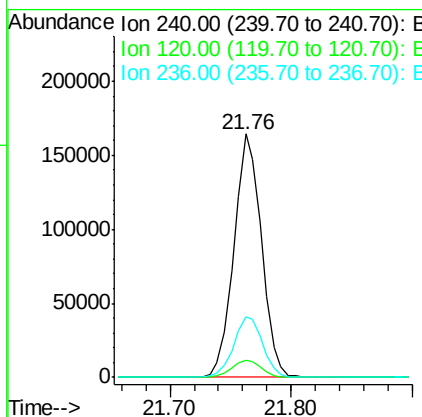
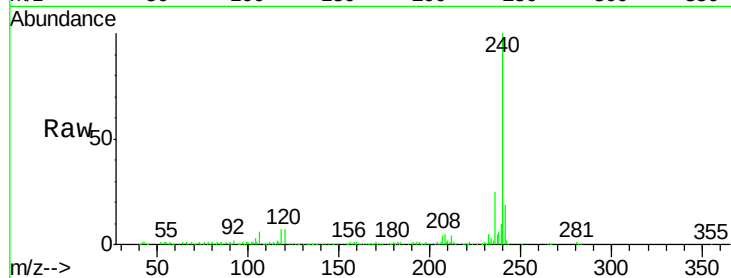




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

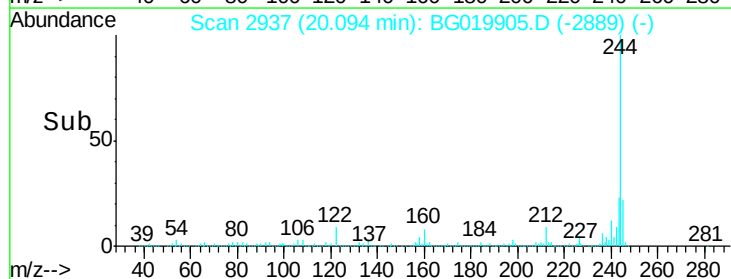
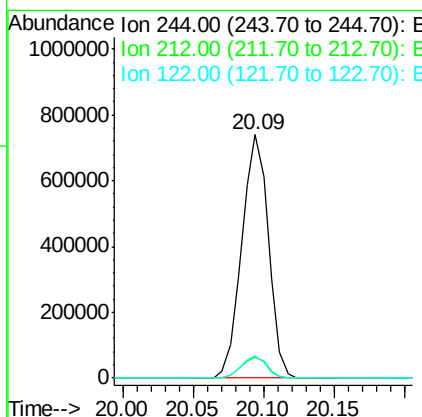
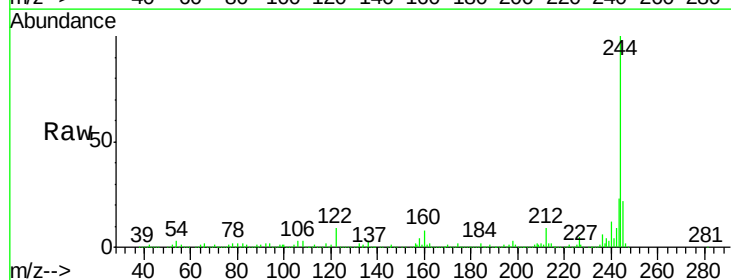
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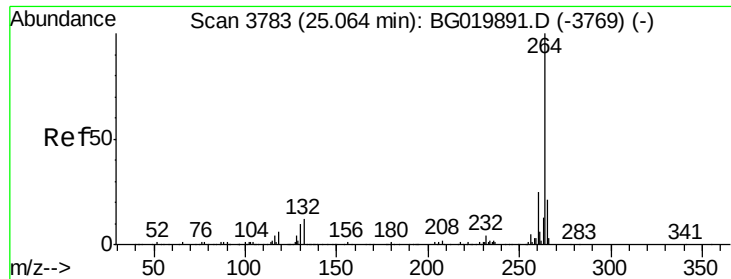
Tot Ion:240 Resp: 260542
 Ion Ratio Lower Upper
 240 100
 120 6.8 7.4 11.0#
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 91.63 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Tgt Ion:244 Resp: 978797
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 9.1 10.2 15.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.04 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Instrument :
 BNA_G
 ClientSampleId :
 CF-1

Tot Ion: 264 Resp: 249769
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.0 17.2 25.8

