

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045096.D
 Acq On : 20 Apr 2020 15:05
 Operator : CG/JU
 Sample : L2345-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Manual Integrations
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mohammad
 4/21/2020 2:53:42 PM

Quant Time: Apr 20 15:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	93019	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	398280	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	279000	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	578297	20.00	ng	0.00
76) Chrysene-d12	21.67	240	513041	20.00	ng	0.00
87) Perylene-d12	24.86	264	559329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	473265	84.00	ng	0.00
7) Phenol-d6	7.19	99	754294	90.11	ng	0.00
23) Nitrobenzene-d5	9.18	82	518533	59.41	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	377454	87.57	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1233134	64.81	ng	0.00
79) Terphenyl-d14	20.02	244	1665541	70.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	229128	10.086	ng	98
71) Phenanthrene	17.44	178	116418	3.918	ng	96
78) Pyrene	19.81	202	266552	7.536	ng	97
81) Benzo(a)anthracene	21.65	228	178310	5.362	ng	99
83) Chrysene	21.71	228	215949	6.759	ng	97
86) Indeno(1,2,3-cd)pyrene	28.48	276	125435	2.957	ng	# 56
88) Benzo(b)fluoranthene	23.86	252	317843	9.072	ng	99
89) Benzo(k)fluoranthene	23.91	252	101389m	3.043	ng	
90) Benzo(a)pyrene	24.71	252	173537	5.246	ng	98
92) Benzo(g,h,i)perylene	29.62	276	110696	3.312	ng	# 93

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

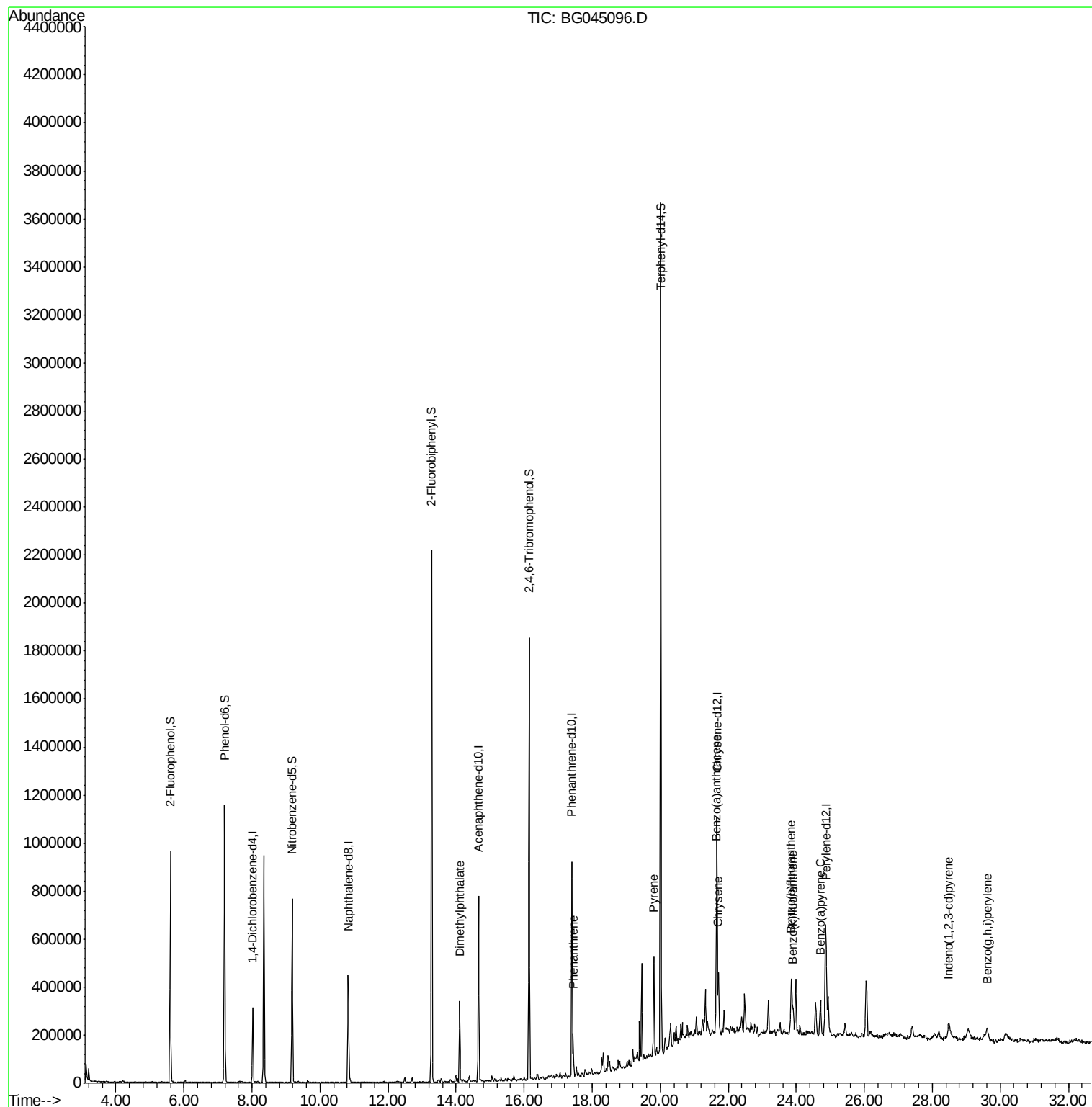
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045096.D
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Operator : CG/JU
Sample : L2345-01
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ALS Vial : 8 Sample Multiplier: 1

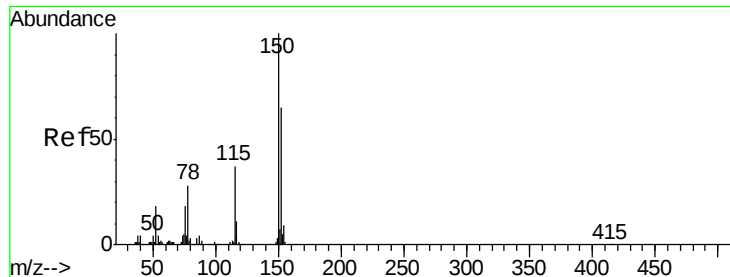
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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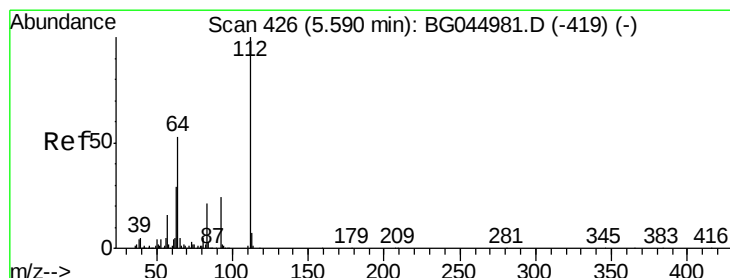
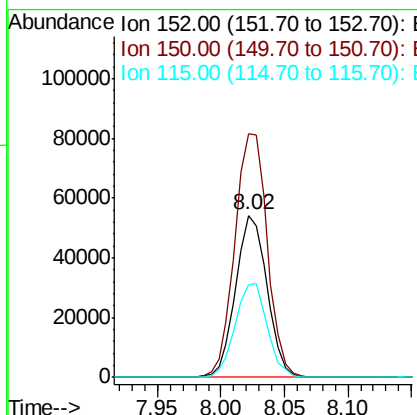
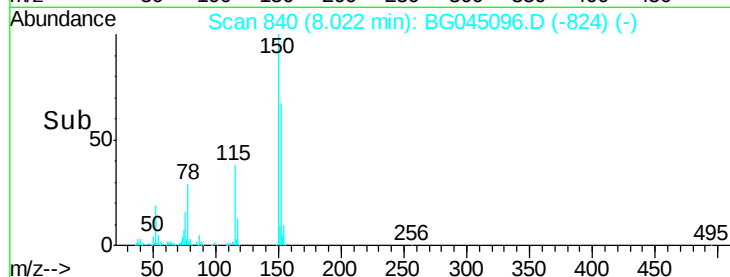
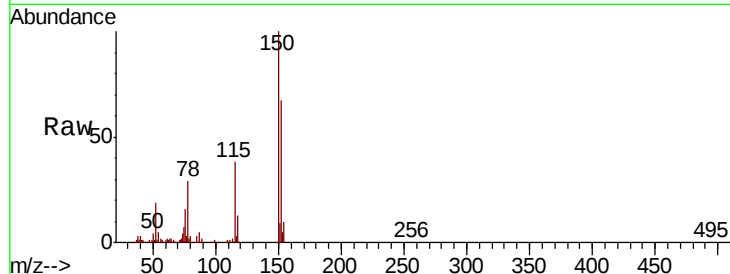
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Instrument :
 BNA_G
 ClientSampled :
 T-1

Tot Ion:	152	Resp:	93019
Ion Ratio	Lower	Upper	
152	100		
150	150.2	123.6	185.4
115	57.3	49.1	73.7

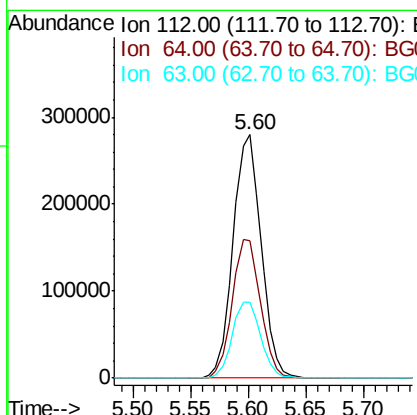
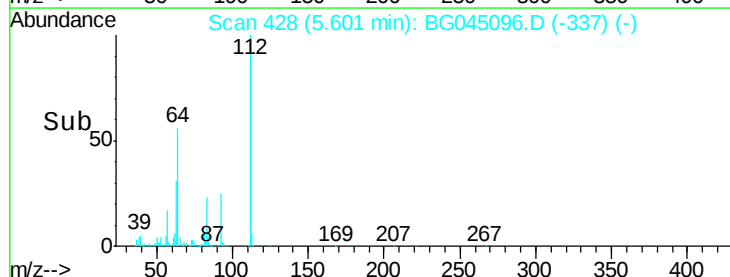
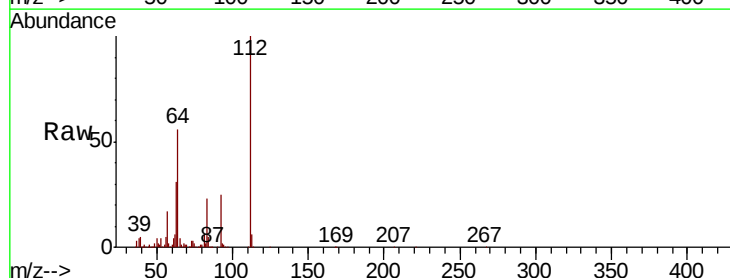
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#5
 2-Fluorophenol
 Concen: 83.997 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Tgt Ion:	112	Resp:	473265
Ion Ratio	Lower	Upper	
112	100		
64	56.2	42.4	63.6
63	31.5	23.1	34.7





#7

Phenol-d6

Concen: 90.107 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045096.D

Acq: 20 Apr 2020 15:05

Instrument :

BNA_G

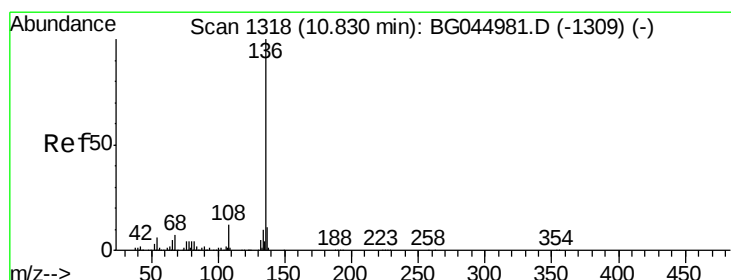
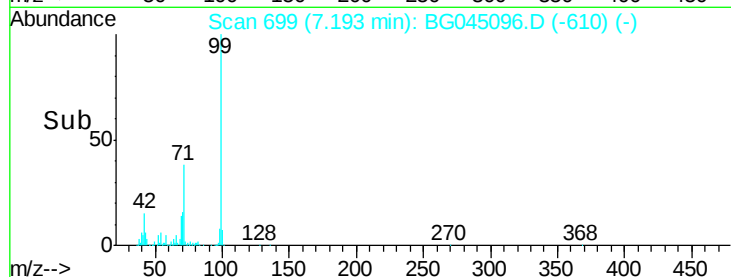
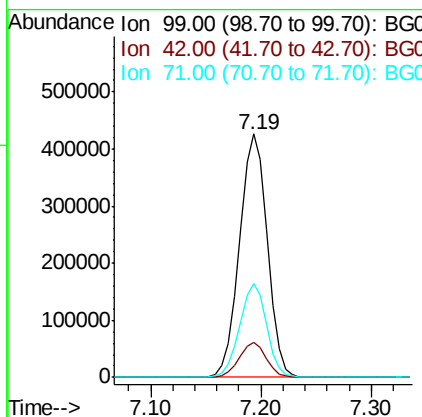
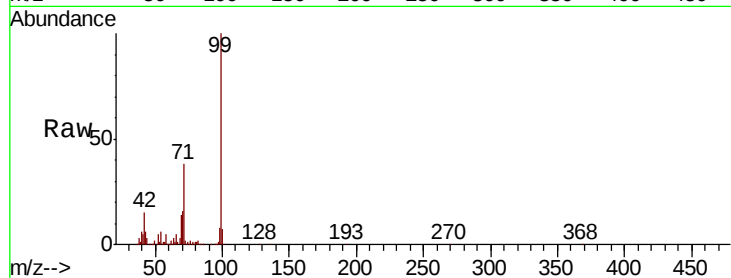
ClientSampled :

T-1

Tot Ion:	99	Resp:	754294
Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.3	16.9
71	38.3	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

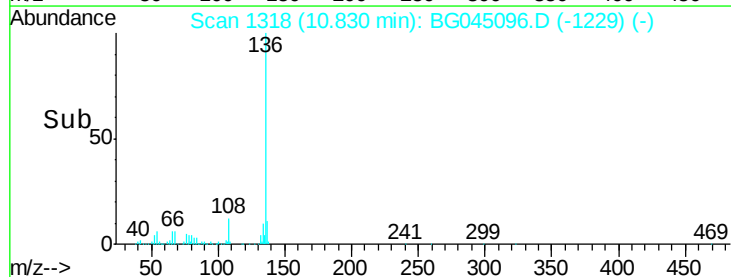
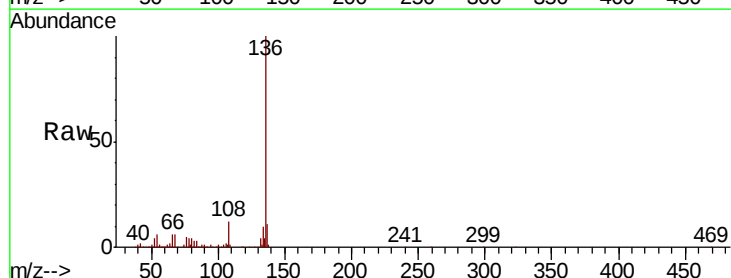
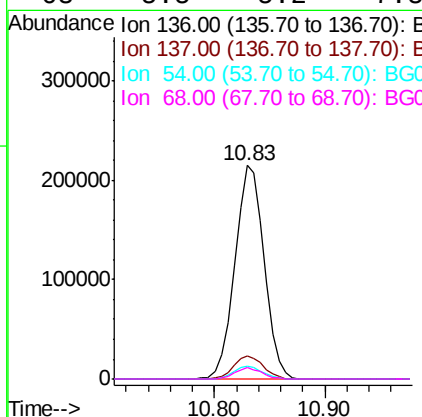
RT: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG045096.D

Acq: 20 Apr 2020 15:05

Tgt Ion:	136	Resp:	398280
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.8	4.8	7.2
68	5.5	5.2	7.8





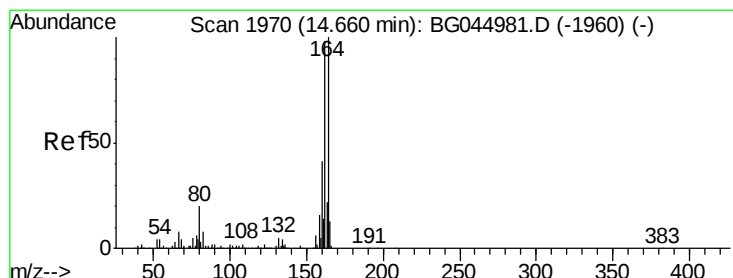
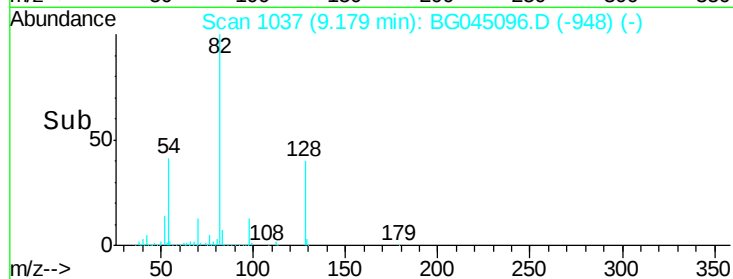
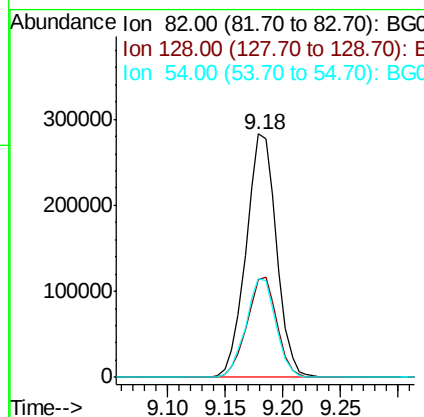
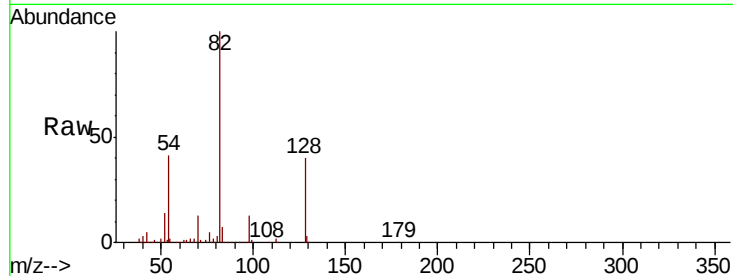
#23
 Nitrobenzene-d5
 Concen: 59.406 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	33.0	49.4	
54	40.7	30.4	45.6	

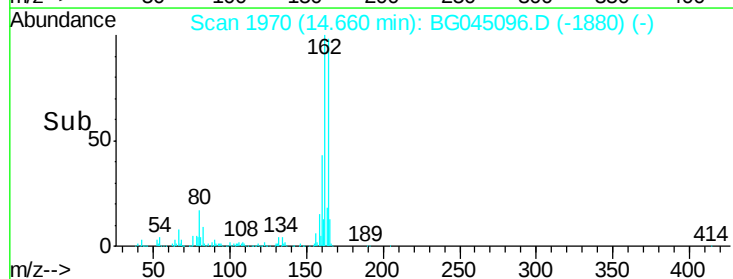
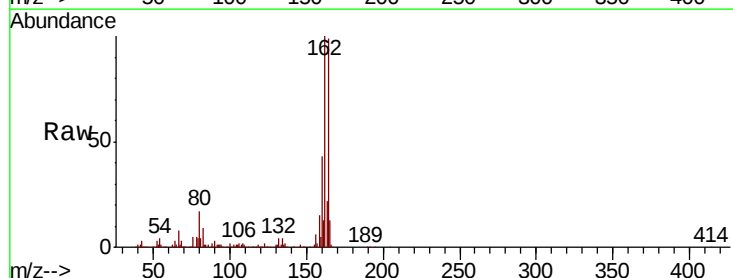
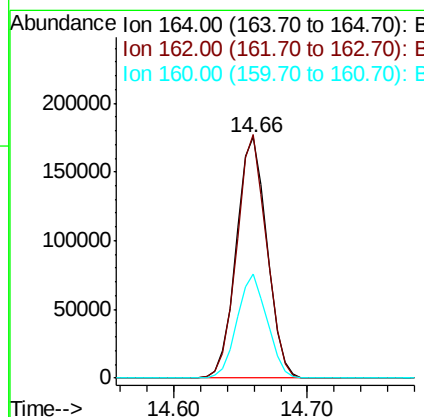
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	78.7	118.1	
160	43.3	32.8	49.2	





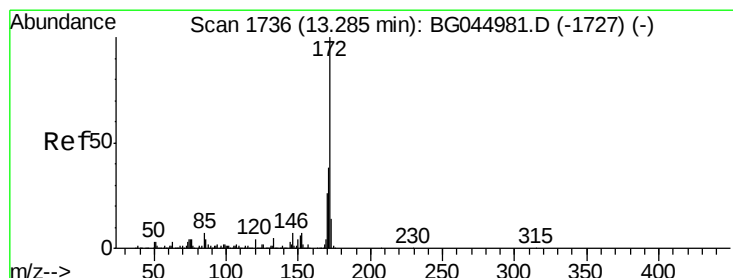
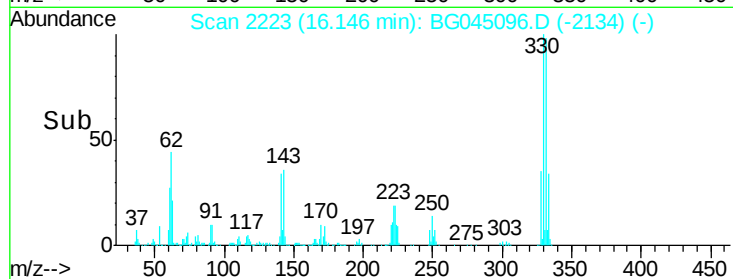
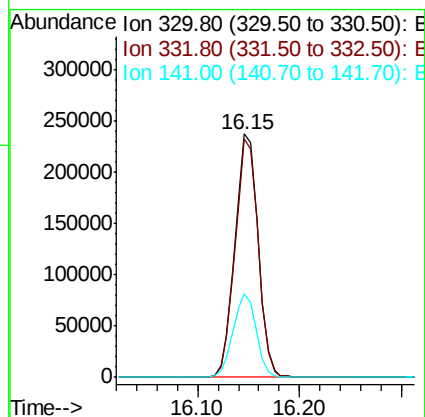
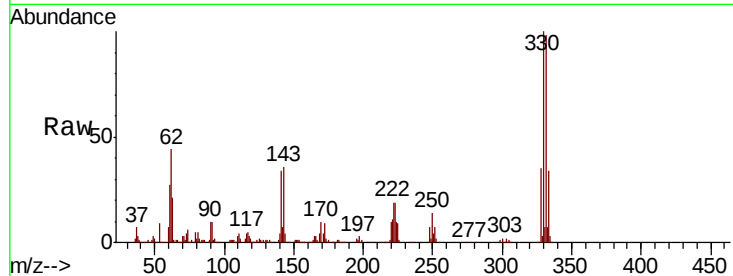
#42
 2,4,6-Tribromophenol
 Concen: 87.573 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Tot Ion:	330	Resp:	377454
Ion Ratio	Lower	Upper	
330	100		
332	97.7	79.1	118.7
141	34.3	27.1	40.7

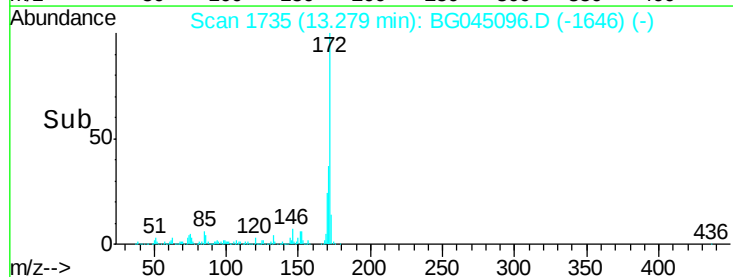
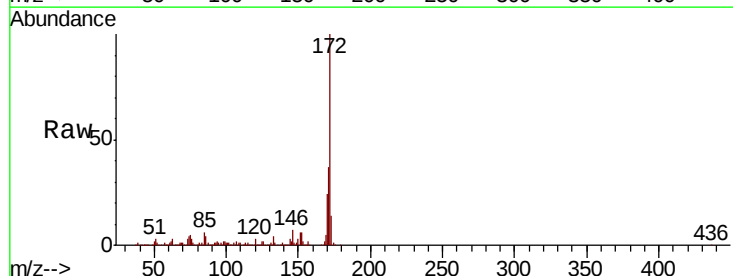
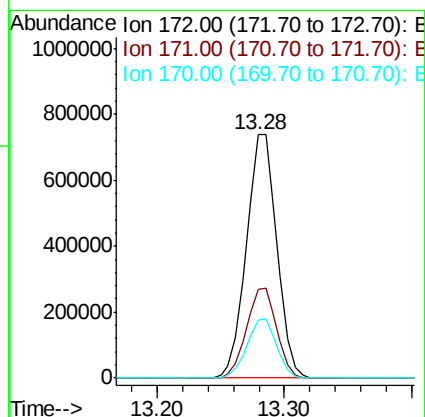
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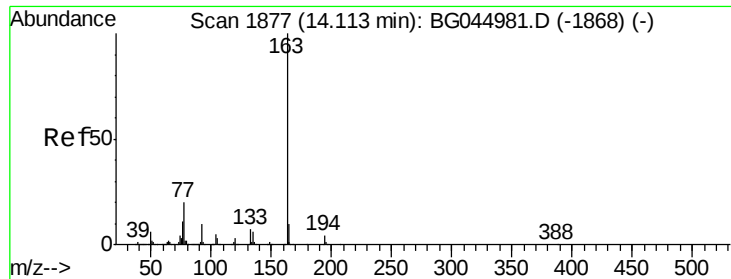
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#45
 2-Fluorobiphenyl
 Concen: 64.809 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045096.D
 Acq: 20 Apr 2020 15:05

Tgt Ion:	172	Resp:	1233134
Ion Ratio	Lower	Upper	
172	100		
171	36.6	30.6	46.0
170	23.9	20.5	30.7





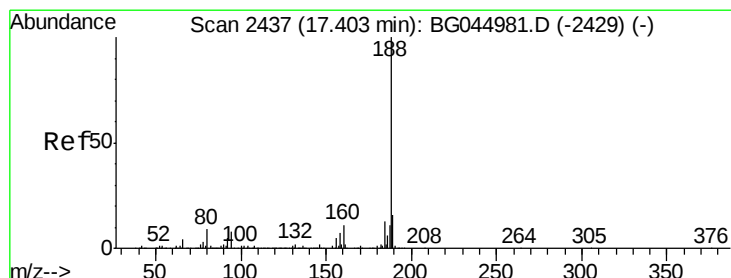
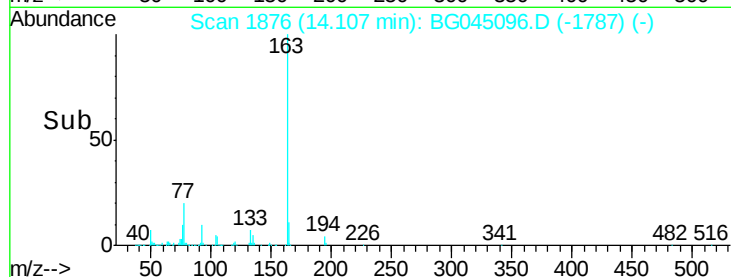
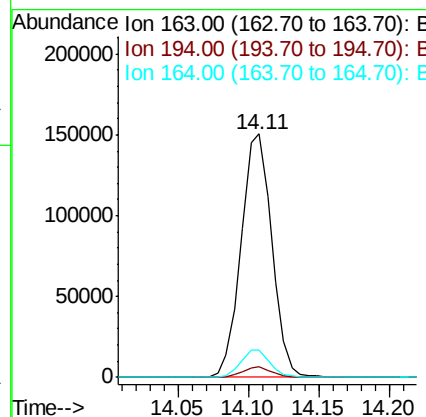
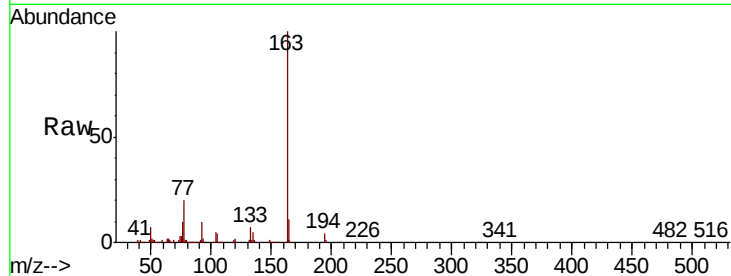
#50
Dimethylphthalate
Concen: 10.086 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		229128		
194	4.2		3.5	5.3	
164	11.2		8.2	12.4	

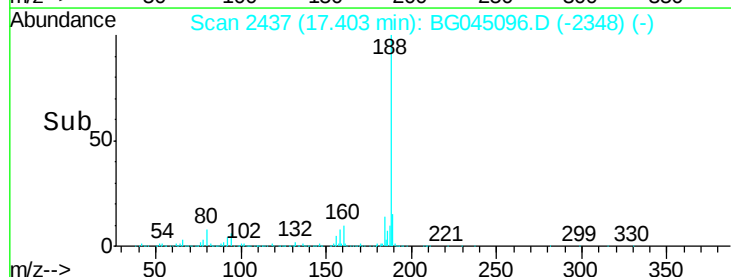
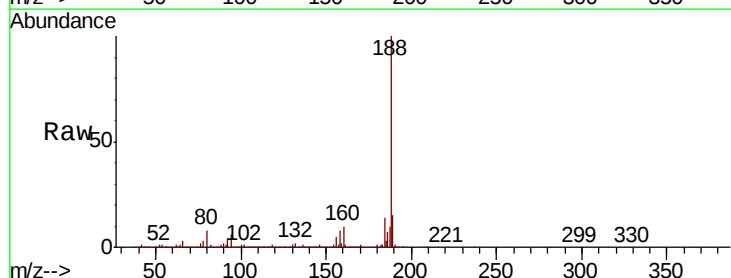
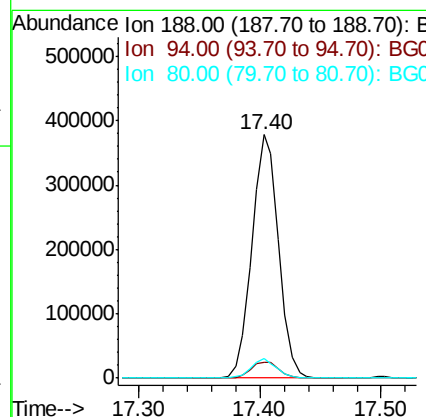
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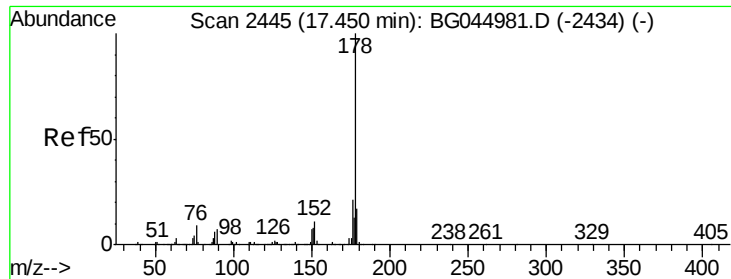
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		578297		
94	6.5		6.2	9.4	
80	8.2		7.0	10.6	





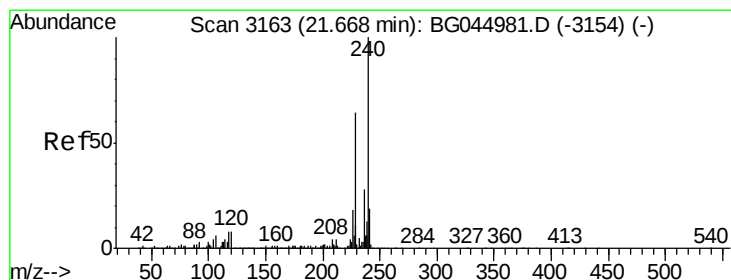
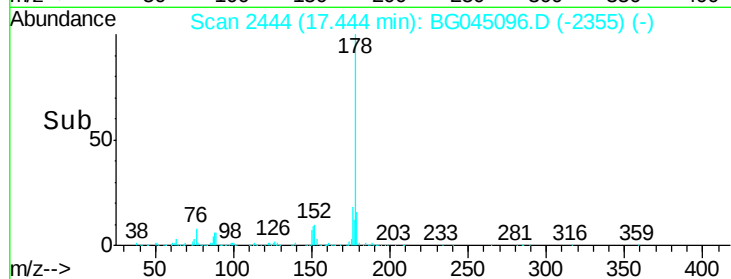
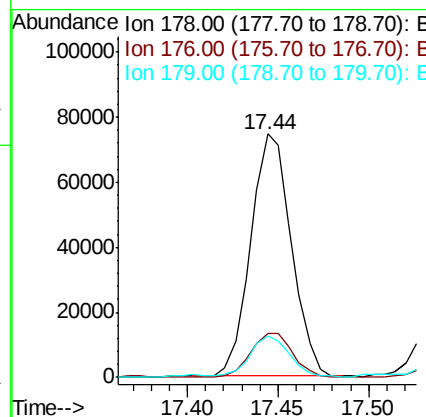
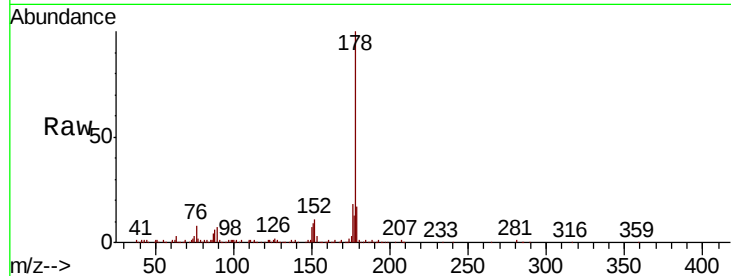
#71
Phenanthrene
Concen: 3.918 ng
RT: 17.44 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Instrument :
BNA_G
ClientSampled :
T-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.8	25.2
179	16.8	13.2	19.8

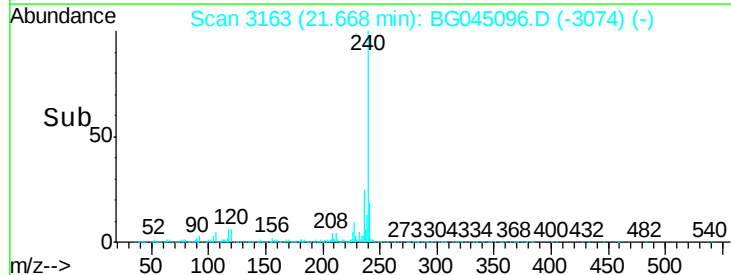
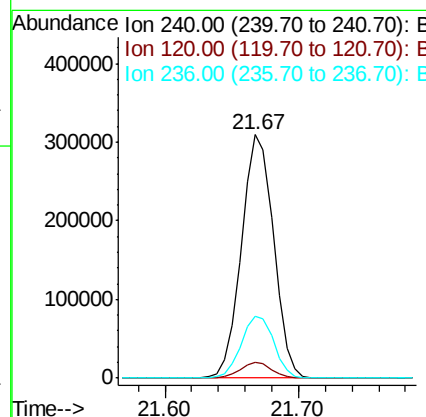
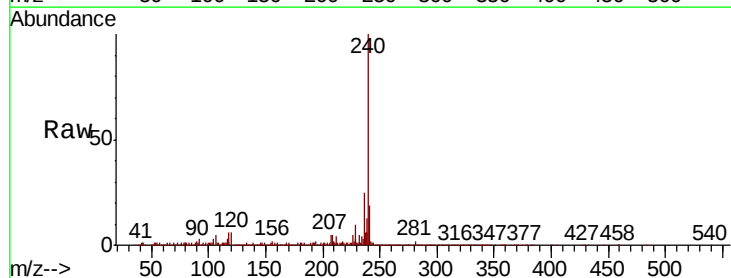
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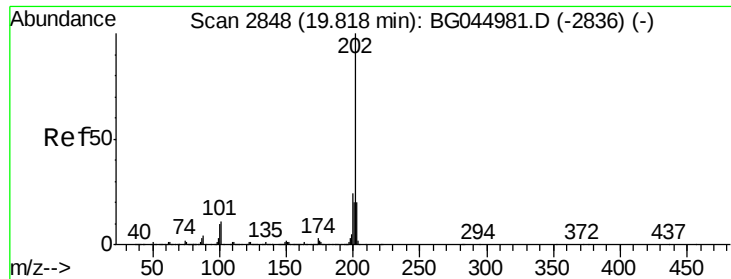
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.6	10.0#
236	25.4	22.2	33.2





#78

Pvrene

Concen: 7.536 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG045096.D

Acq: 20 Apr 2020 15:05

Instrument :

BNA_G

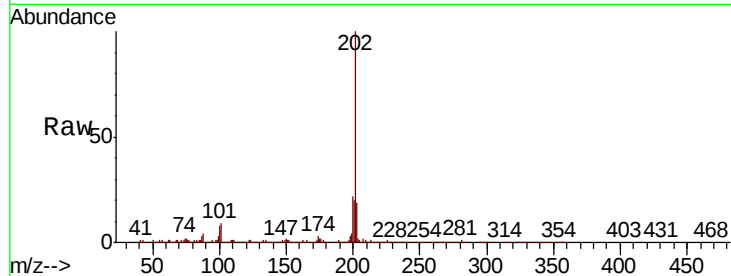
ClientSampled :

T-1

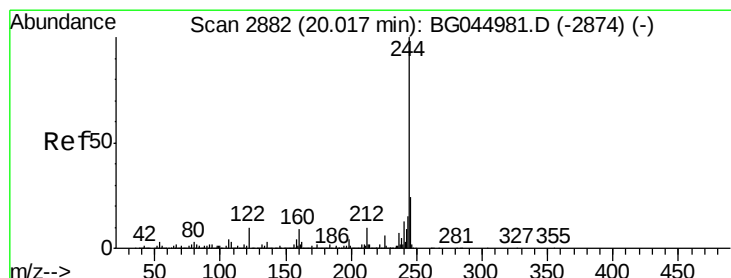
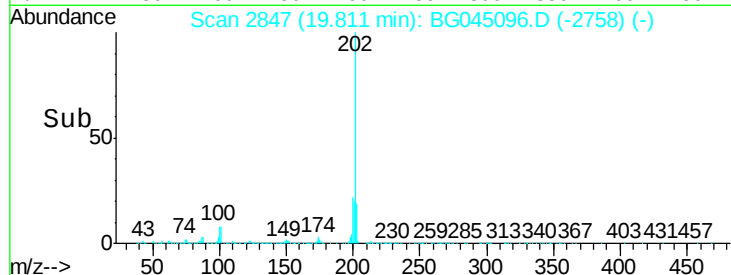
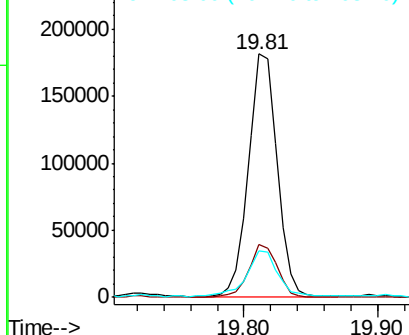
Tot Ion:	202	Resp:	266552
Ion Ratio		Lower	Upper
202	100		
200	22.0	19.0	28.6
203	19.0	16.1	24.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.758 ng

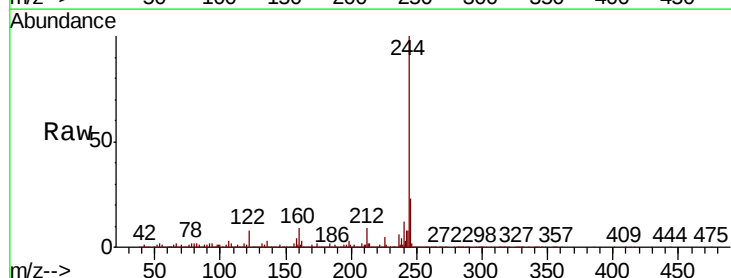
RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

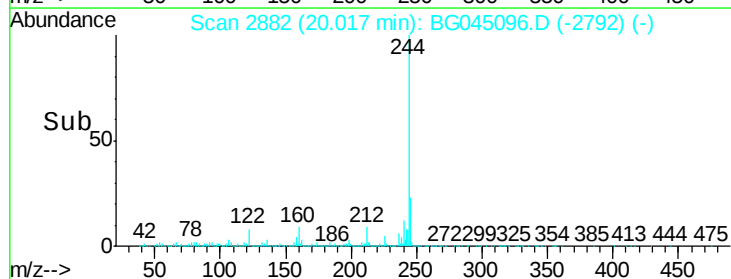
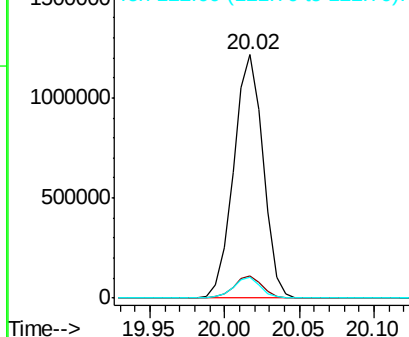
Lab File: BG045096.D

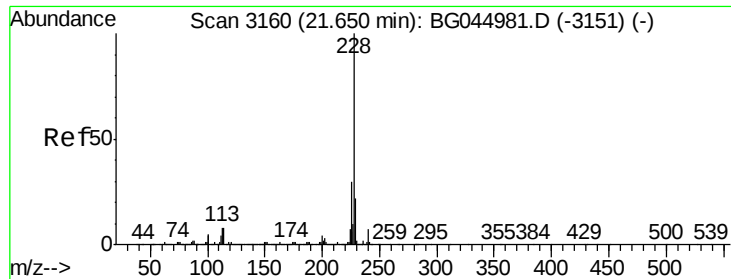
Acq: 20 Apr 2020 15:05

Tgt Ion:	244	Resp:	1665541
Ion Ratio		Lower	Upper
244	100		
212	9.3	7.9	11.9
122	8.4	7.7	11.5



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





#81

Benzo(a)anthracene

Concen: 5.362 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045096.D

Acq: 20 Apr 2020 15:05

Instrument :

BNA_G

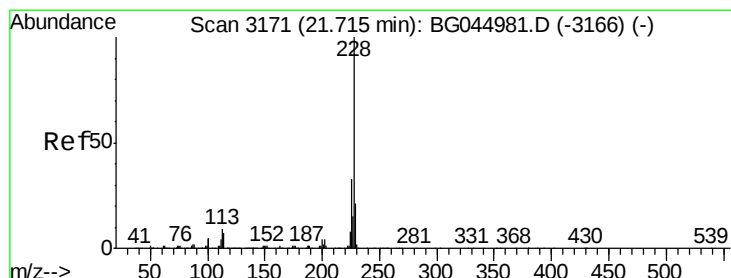
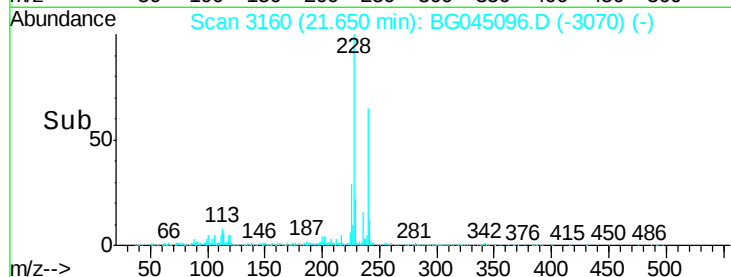
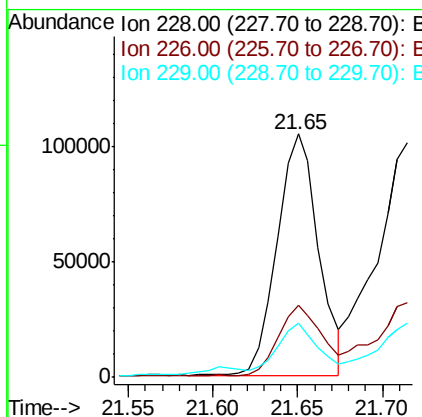
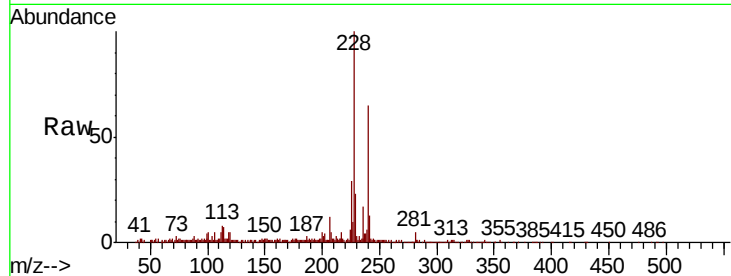
ClientSampled :

T-1

Tot Ion:	228	Resp:	178310
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	22.5	17.5	26.3

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#83

Chrysene

Concen: 6.759 ng

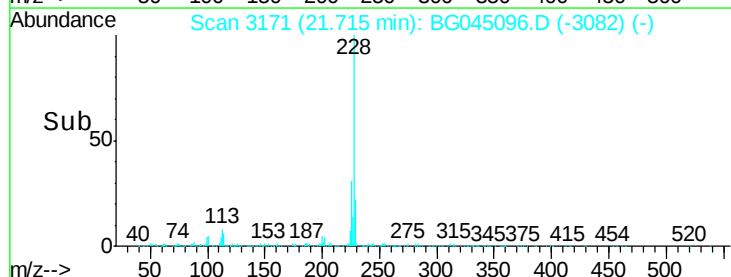
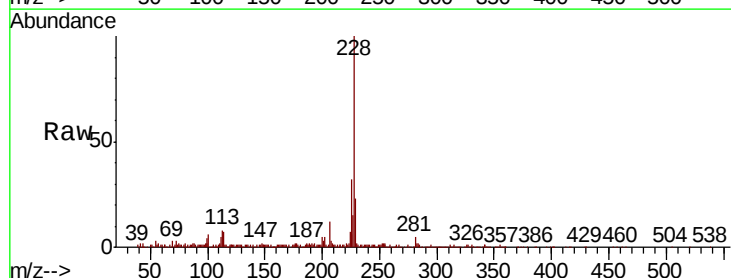
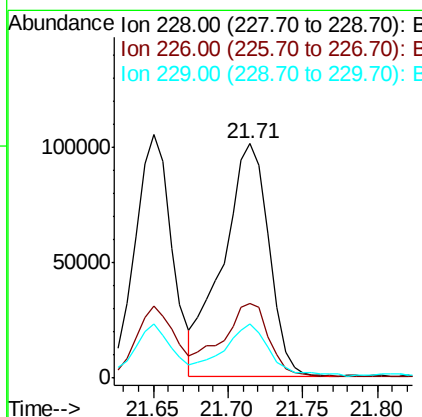
RT: 21.71 min Scan# 3171

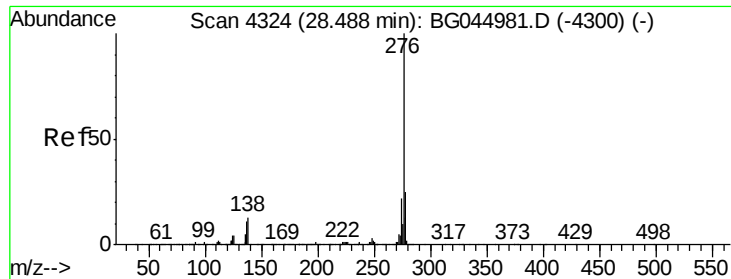
Delta R.T. -0.01 min

Lab File: BG045096.D

Acq: 20 Apr 2020 15:05

Tgt Ion:	228	Resp:	215949
Ion Ratio	Lower	Upper	
228	100		
226	31.6	26.2	39.4
229	23.0	17.0	25.6





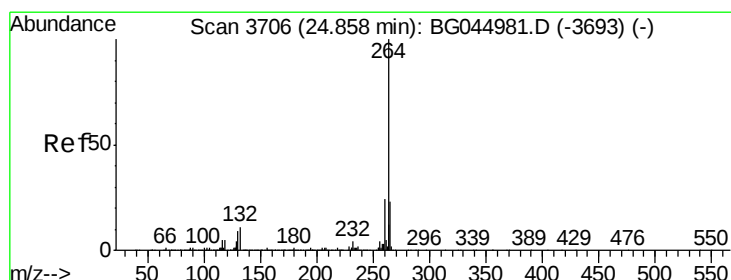
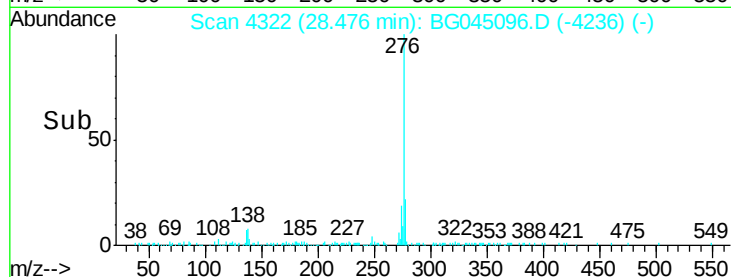
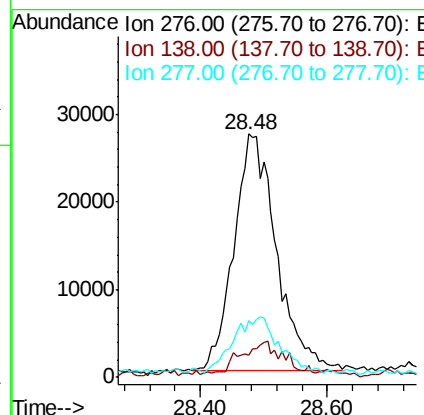
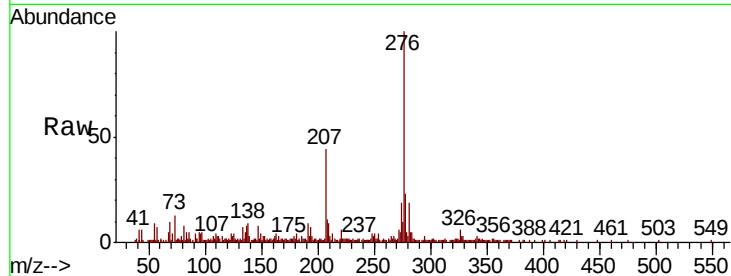
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.957 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.02 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.6	14.4#
277	0.0	20.6	31.0#

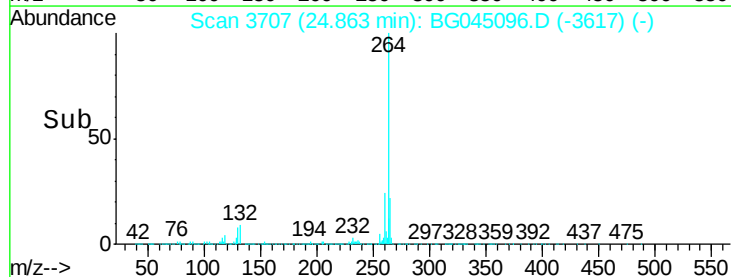
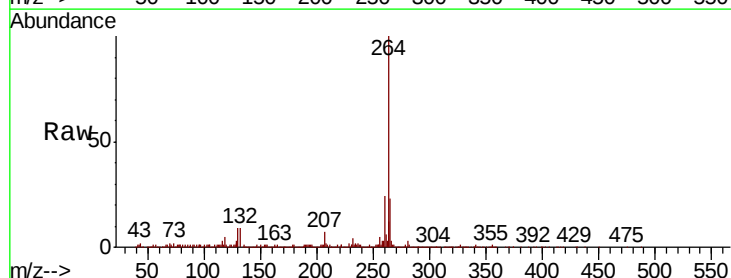
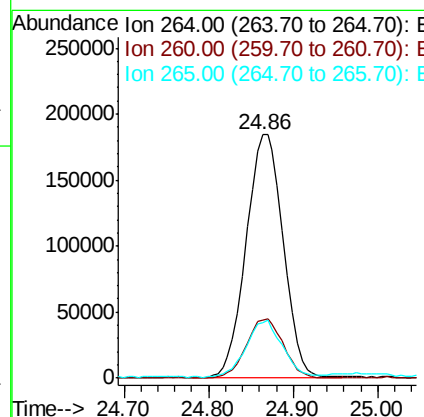
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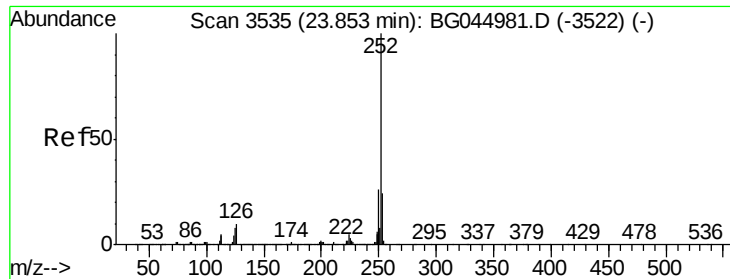
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.9	19.0	28.4





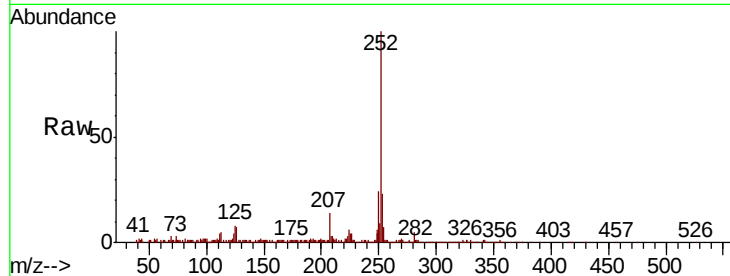
#88
Benzo(b)fluoranthene
Concen: 9.072 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Instrument :
BNA_G
ClientSampled :
T-1

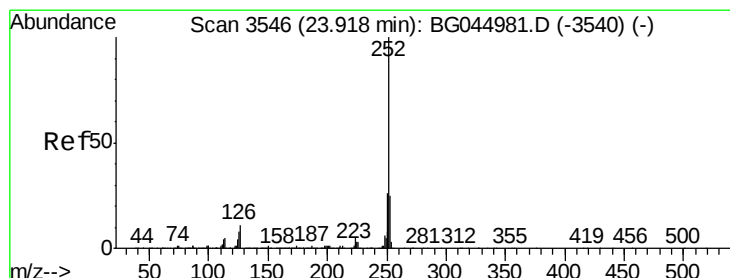
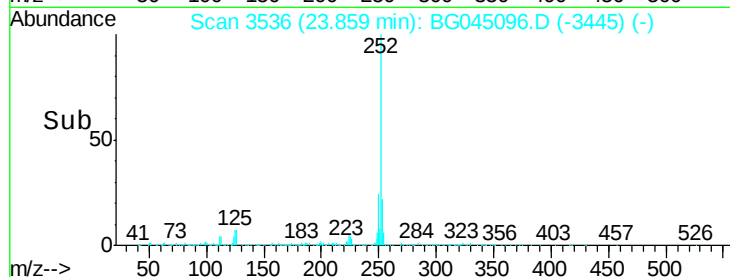
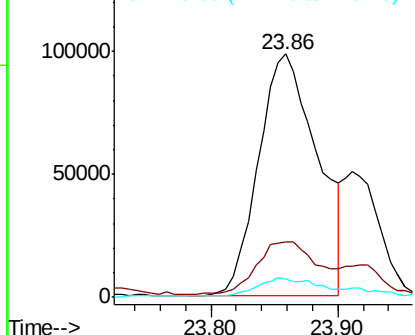
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.8	28.2
125	7.5	6.2	9.4

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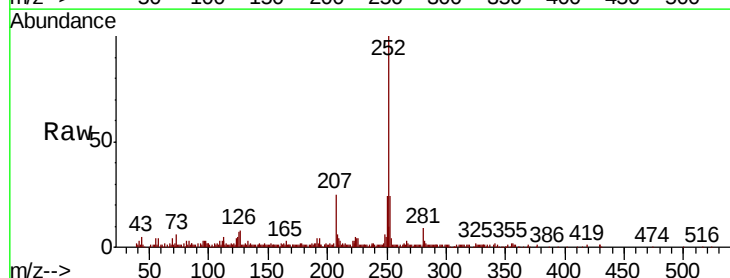


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

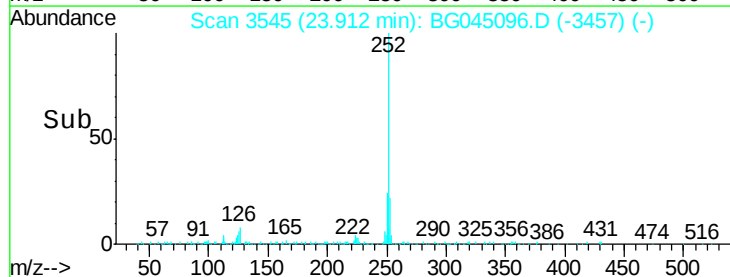
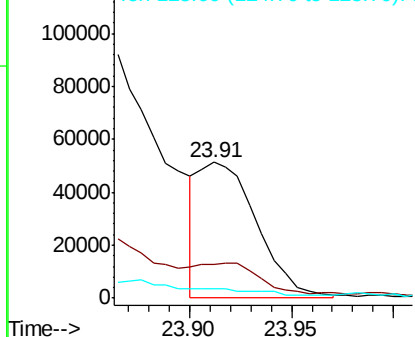


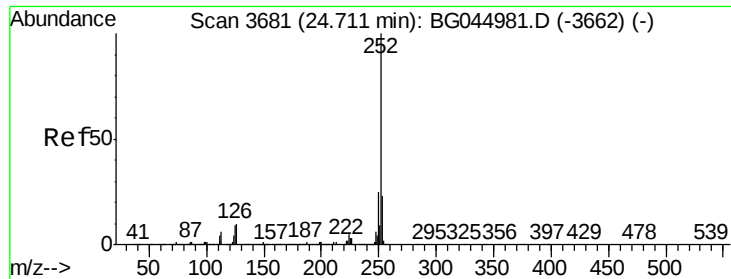
#89
Benzo(k)fluoranthene
Concen: 3.043 ng m
RT: 23.91 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	7.1	5.9	8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





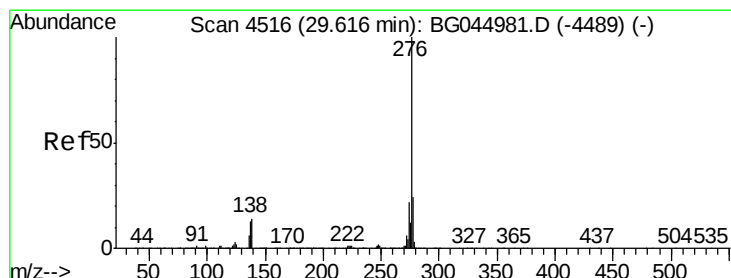
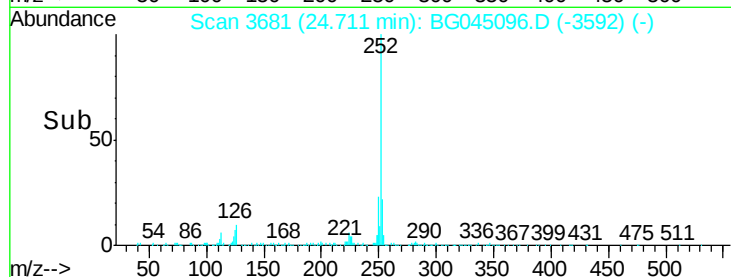
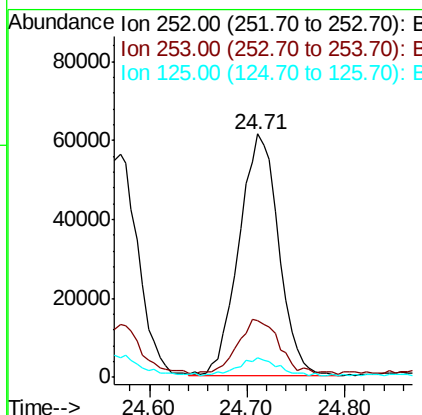
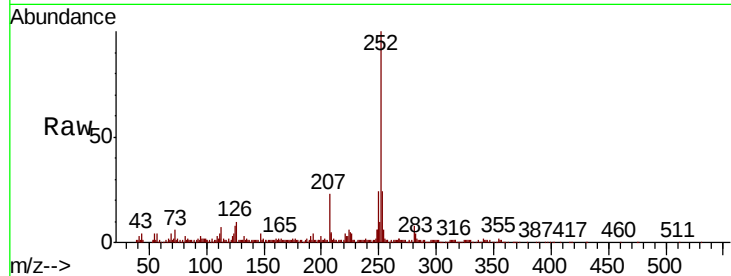
#90
Benzo(a)pyrene
Concen: 5.246 ng
RT: 24.71 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	8.0	7.0	10.6

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#92
Benzo(g,h,i)perylene
Concen: 3.312 ng
RT: 29.62 min Scan# 4516
Delta R.T. -0.02 min
Lab File: BG045096.D
Acq: 20 Apr 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.3	28.9
138	9.6	11.4	17.2#

