

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042472.D
 Acq On : 25 Aug 2019 11:19
 Operator : HP/JU
 Sample : K4450-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-(A-C)

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:57:44 AM

Quant Time: Aug 26 07:07:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	53283	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	204373	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	147810	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	338835	20.00	ng	0.00
76) Chrysene-d12	21.69	240	364719	20.00	ng	0.00
87) Perylene-d12	24.93	264	433147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	343348	130.51	ng	0.00
7) Phenol-d6	7.17	99	434863	122.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	297106	100.46	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	283970	135.17	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	847335	96.95	ng	0.00
79) Terphenyl-d14	20.03	244	1494001	88.56	ng	0.00
Target Compounds						
32) Benzoic acid	10.13	122	5808m	10.738	ng	Qvalue 97
50) Dimethylphthalate	14.10	163	85630	8.029	ng	

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

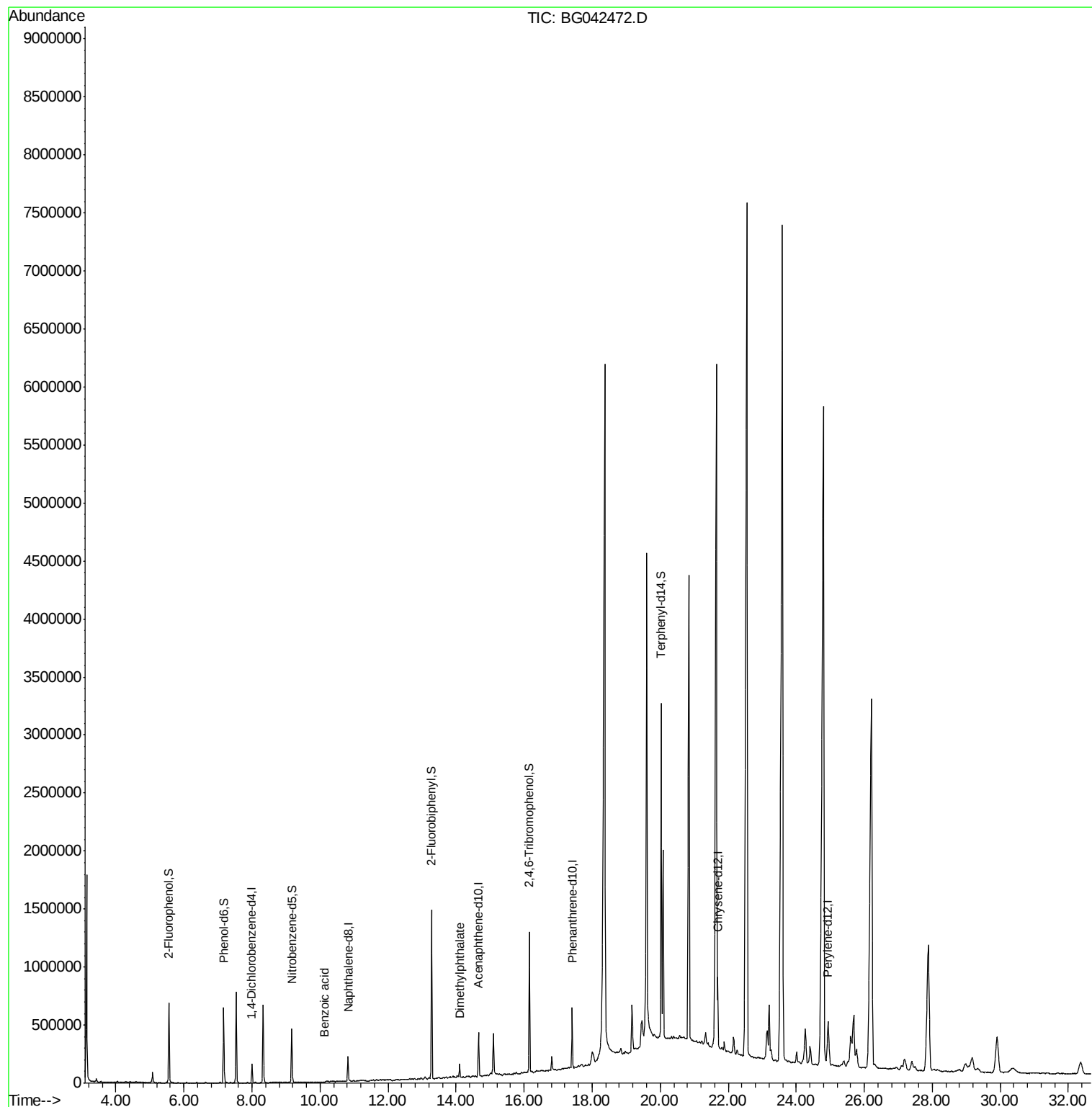
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042472.D
Acq On : 25 Aug 2019 11:19
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Sample : K4450-07
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ALS Vial : 3 Sample Multiplier: 1

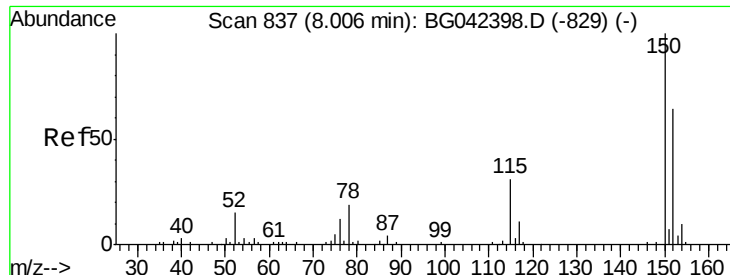
Instrument :
BNA_G
ClientSampleId :
WC-(A-C)

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#1

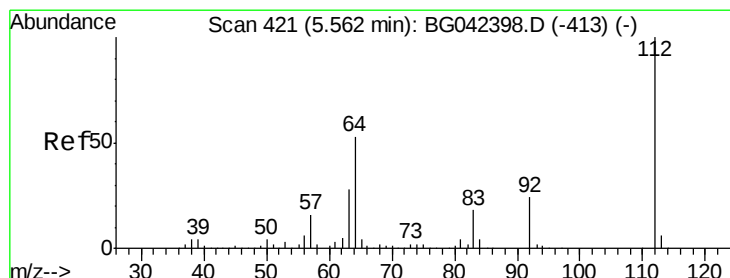
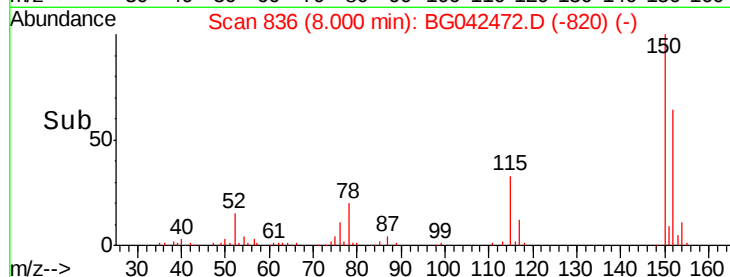
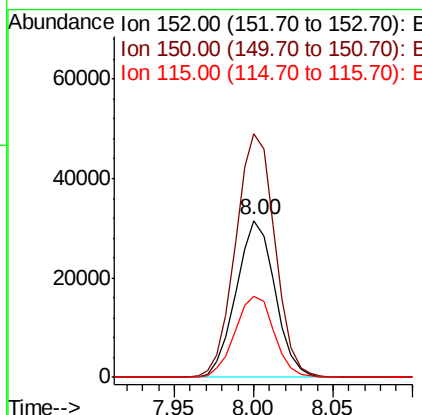
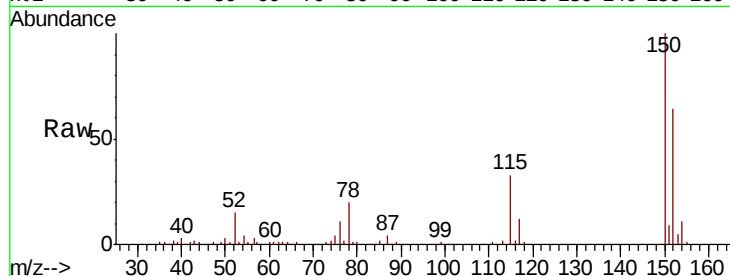
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
WC-(A-C)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.4	188.0
115	51.9	38.5	57.7

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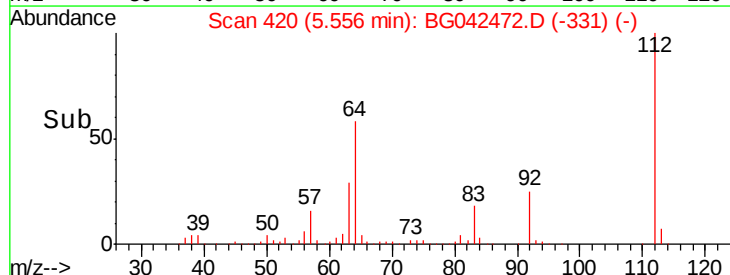
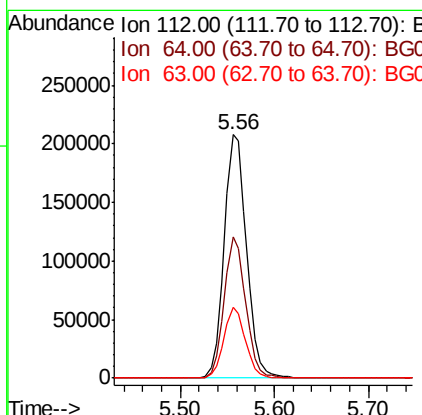
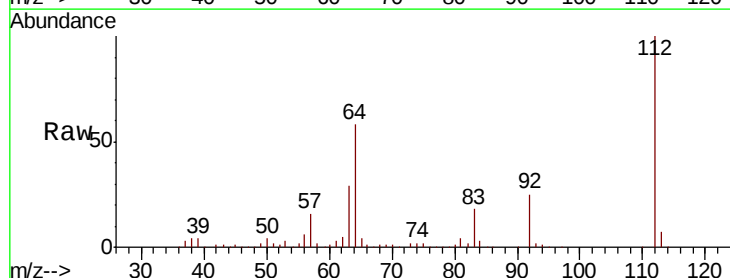
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#5

2-Fluorophenol
Concen: 130.507 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.8	64.2
63	29.3	22.7	34.1





#7

Phenol-d6

Concen: 122.368 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Instrument :

BNA_G

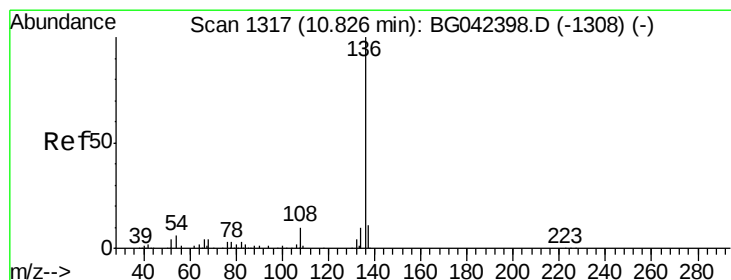
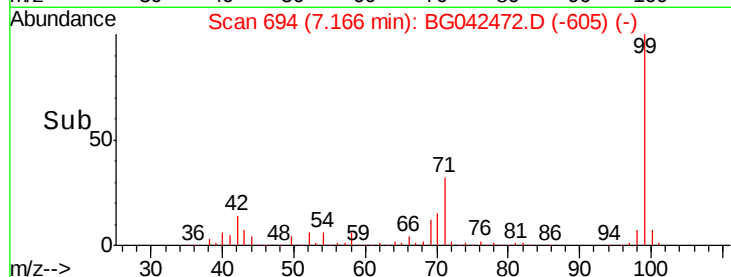
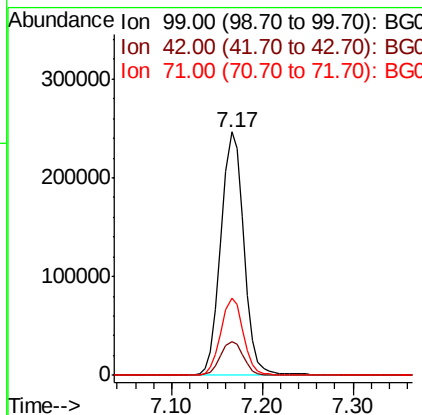
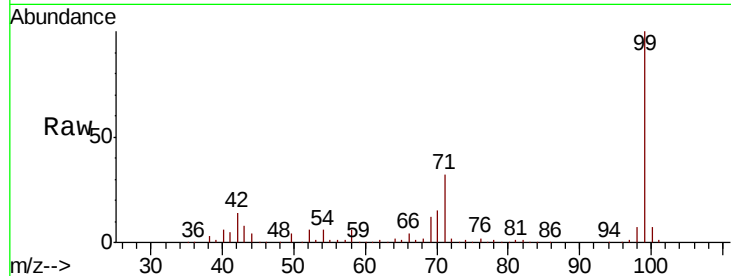
ClientSampleId :

WC-(A-C)

Tot Ion:	99	Resp:	434863
Ion Ratio	Lower	Upper	
99	100		
42	13.9	12.0	18.0
71	32.0	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

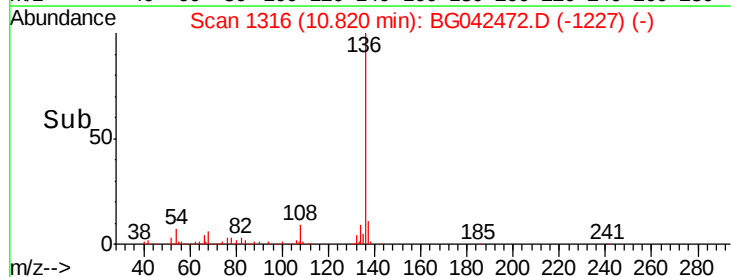
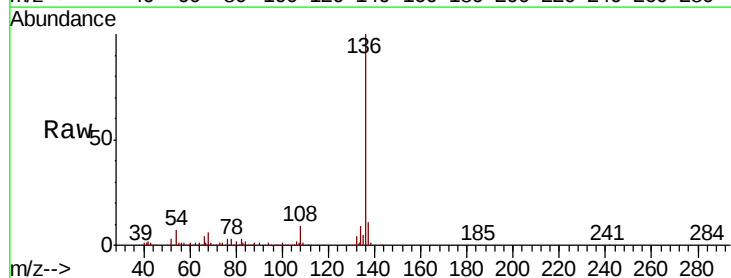
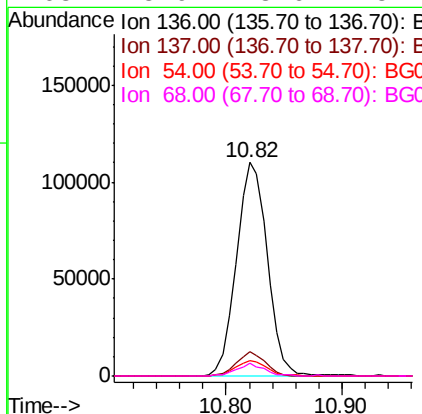
RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Tgt Ion:	136	Resp:	204373
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	7.3	4.9	7.3#
68	5.9	3.6	5.4#





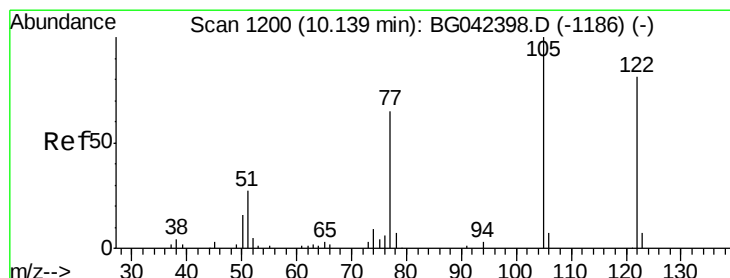
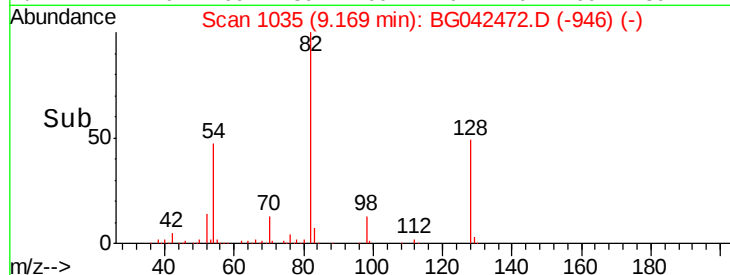
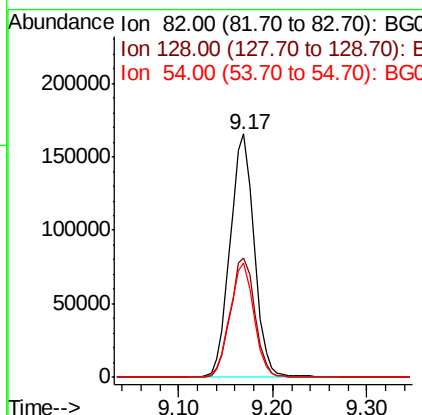
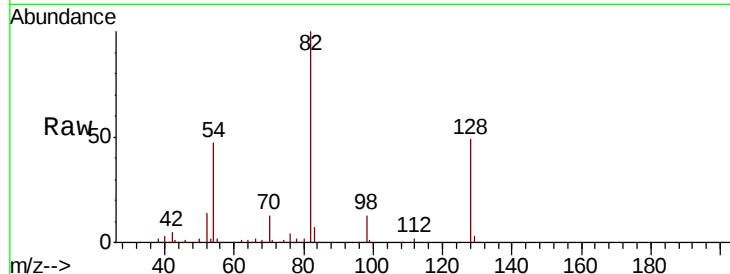
#23
Nitrobenzene-d5
Concen: 100.459 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Instrument :
BNA_G
ClientSampled :
WC-(A-C)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	297106		
128	49.0		40.7	61.1
54	46.8		36.3	54.5

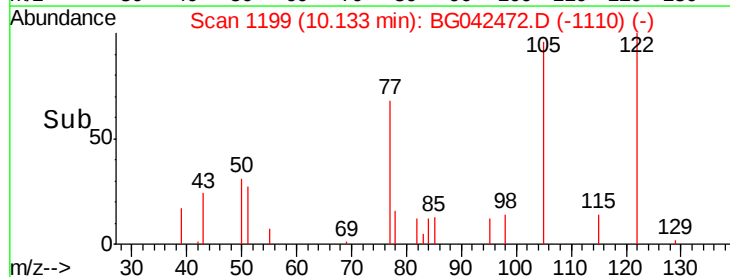
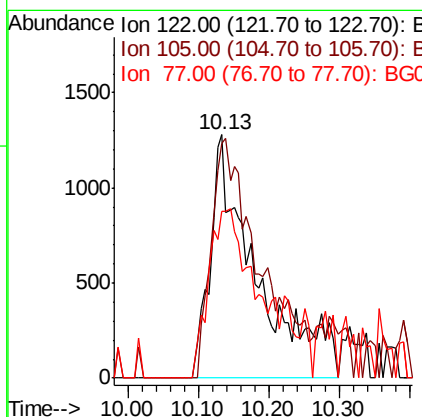
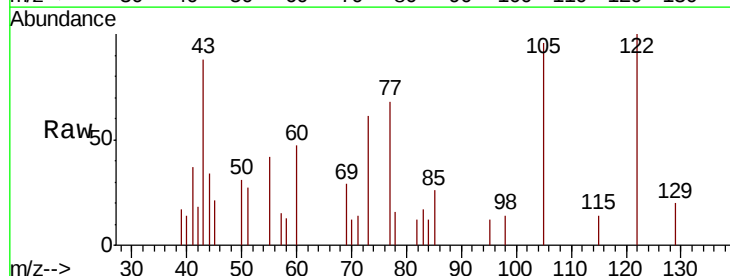
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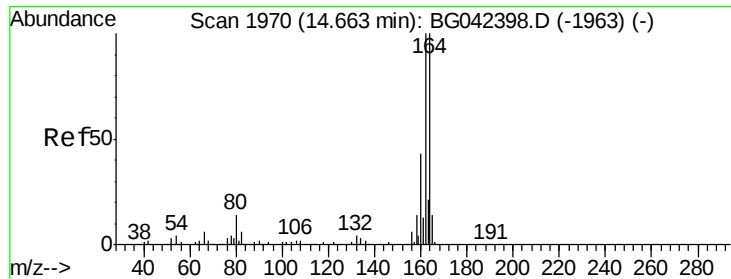
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#32
Benzoic acid
Concen: 10.738 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5808		
105	96.4		99.6	139.6#
77	68.4		59.5	99.5





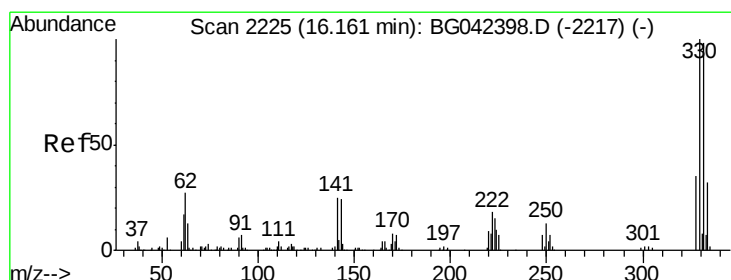
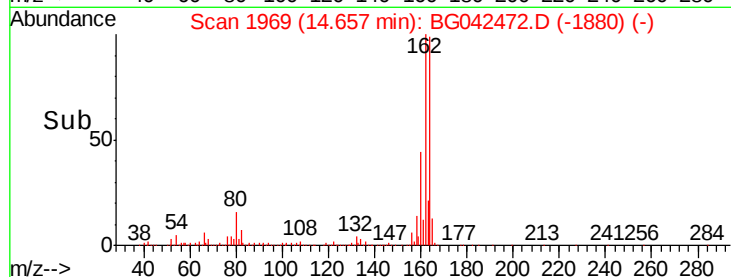
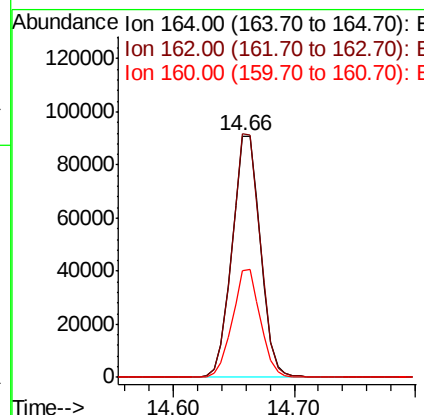
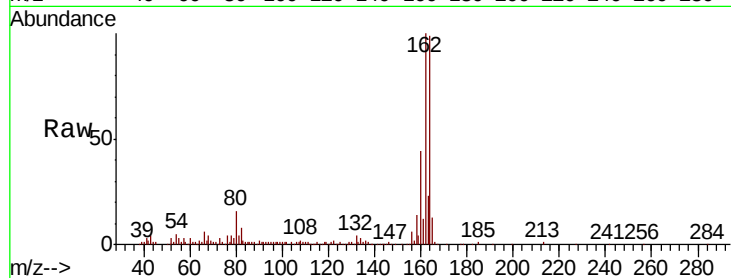
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
WC-(A-C)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	100.8	79.9	119.9		
160	44.0	34.3	51.5		

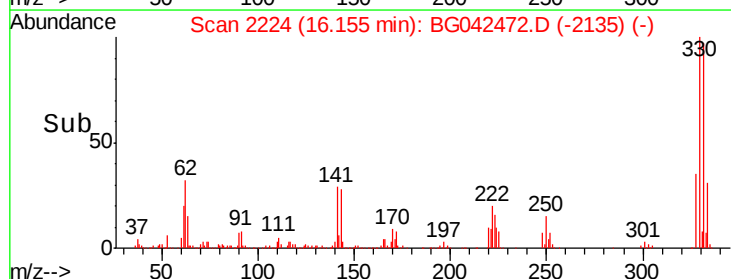
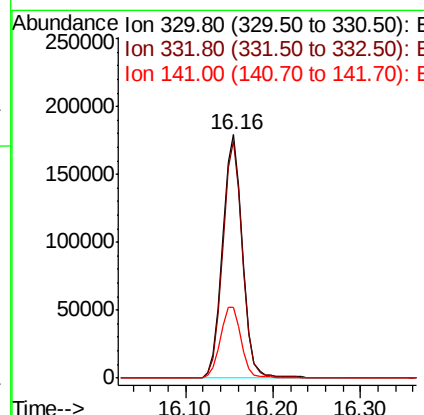
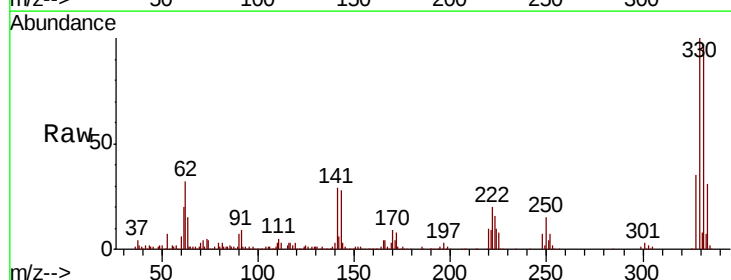
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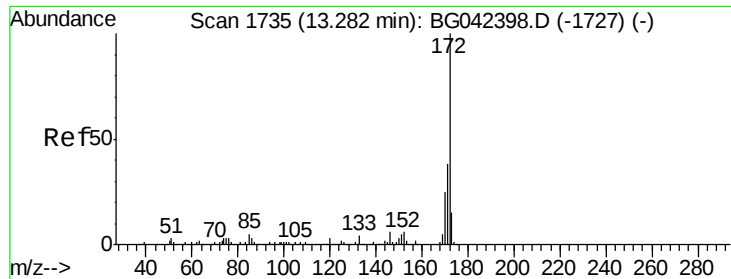
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#42
2,4,6-Tribromophenol
Concen: 135.167 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.5	77.4	116.0		
141	30.0	21.4	32.0		





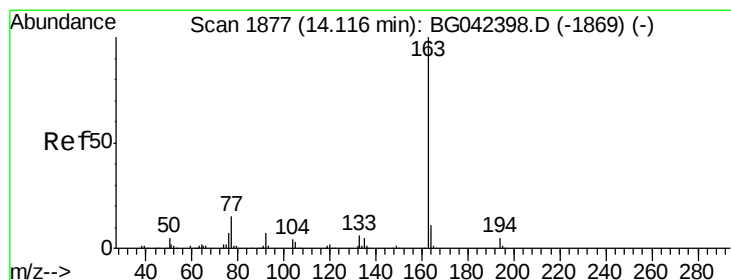
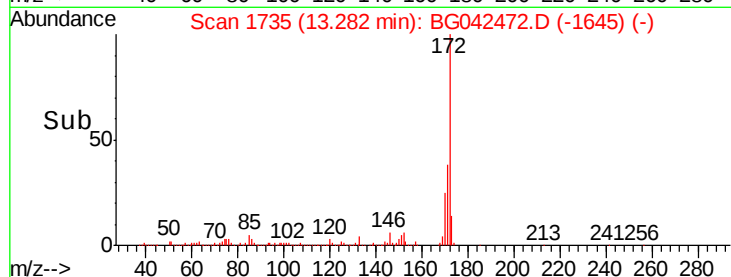
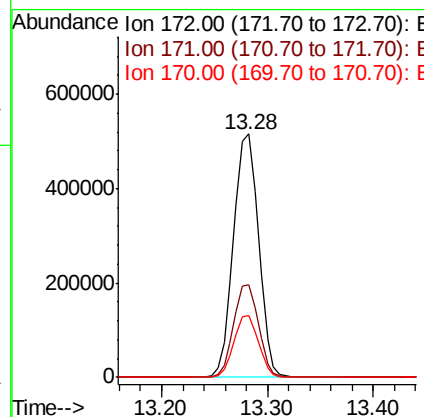
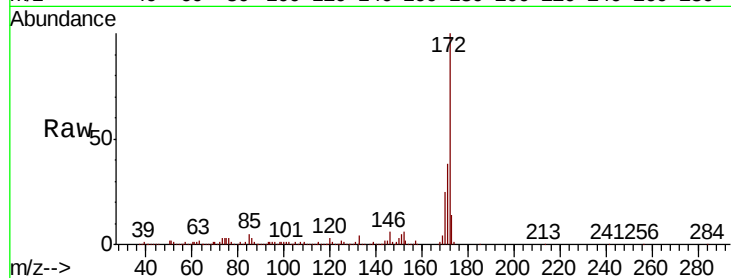
#45
2-Fluorobiphenyl
Concen: 96.954 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
WC-(A-C)

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.4	20.2	30.2

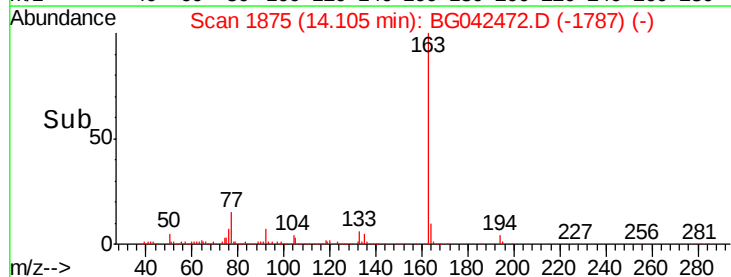
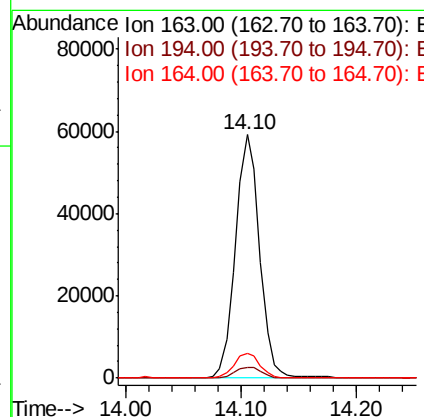
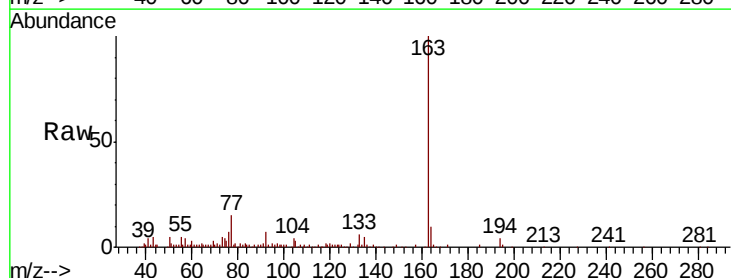
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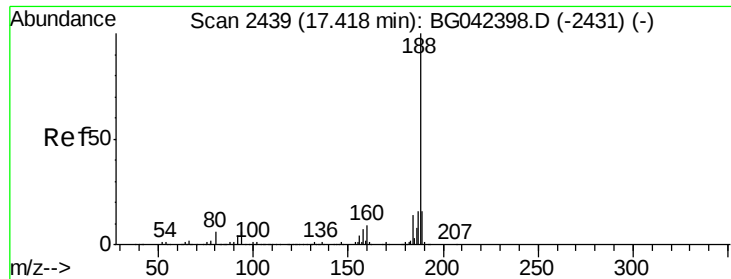
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#50
Dimethylphthalate
Concen: 8.029 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042472.D
Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.0	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

Instrument :

BNA_G

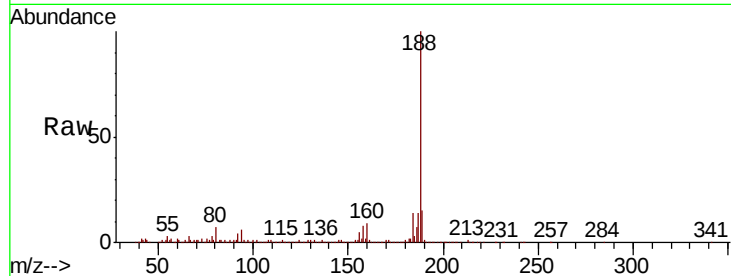
ClientSampleId :

WC-(A-C)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	338835		
94	6.5		4.5	6.7
80	7.1		4.9	7.3

Manual Integrations
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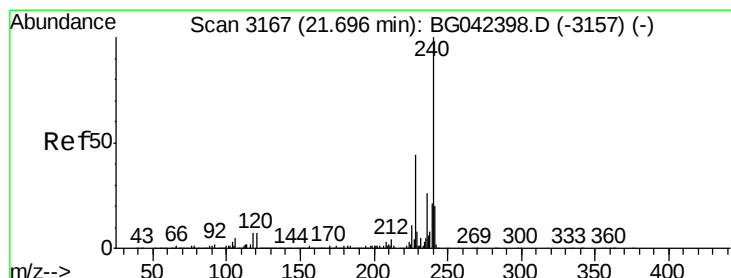
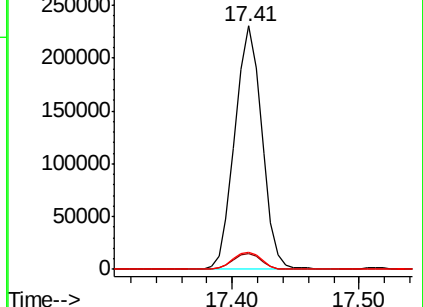
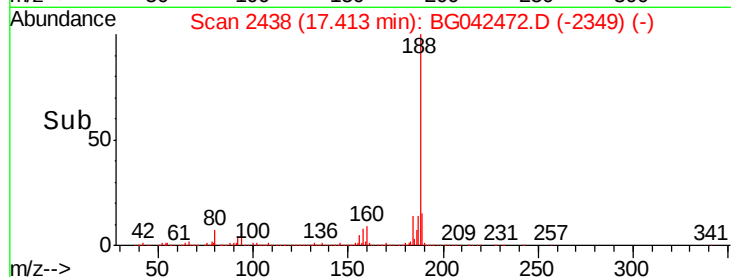
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

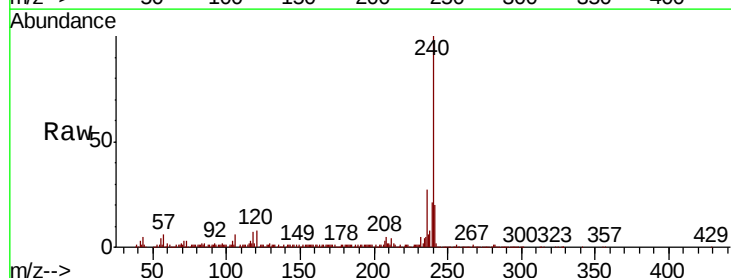
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042472.D

Acq: 25 Aug 2019 11:19

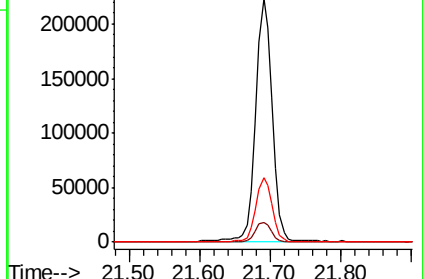
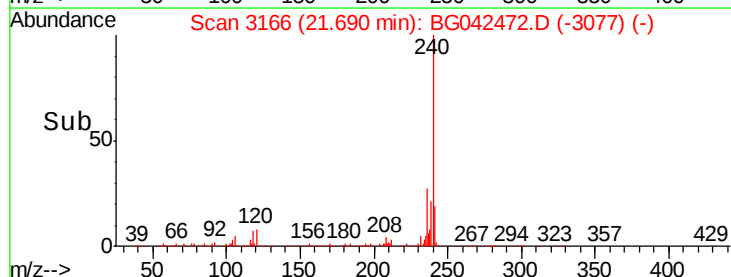
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	364719		
120	7.9		5.7	8.5
236	26.7		21.0	31.4

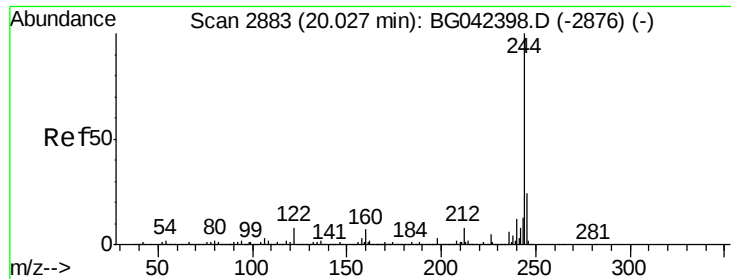


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





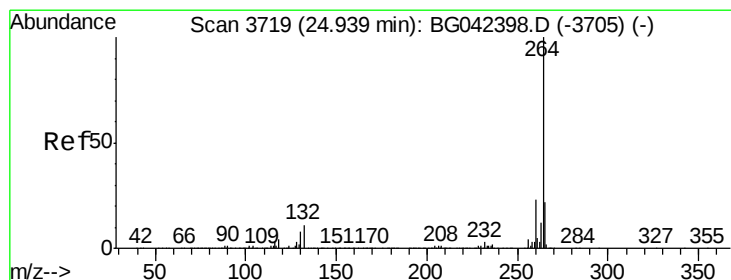
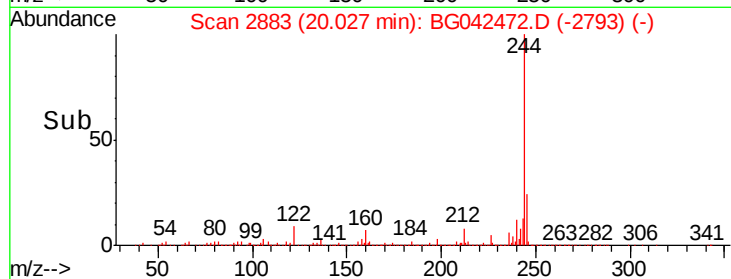
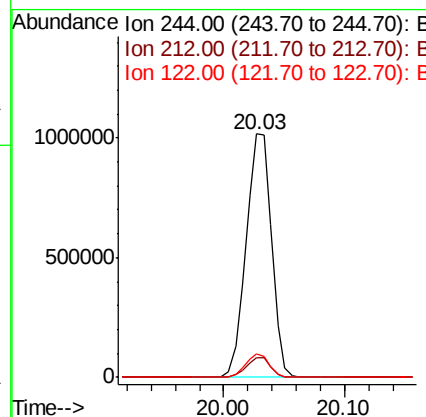
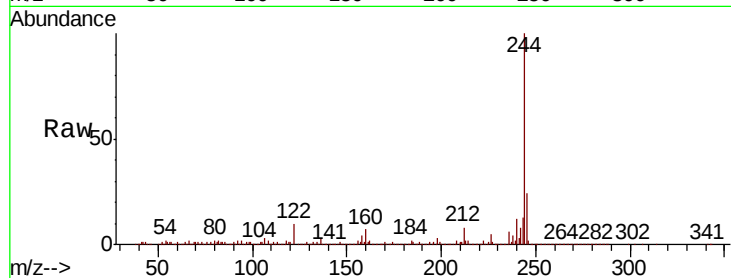
#79
 Terphenyl-d14
 Concen: 88.559 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

Instrument :
 BNA_G
 ClientSampled :
 WC-(A-C)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	9.5	6.7	10.1

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042472.D
 Acq: 25 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	22.1	17.6	26.4

